LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.126	892	900	907	rVB	49578	84146	0.20%	0.027%
2	8.772	991	1010	1018	rBV2	57118	196013	0.46%	0.064%
3	10.276	1254	1266	1271	rBV2	51382	130571	0.30%	0.043%
4	10.928	1372	1377	1382	rBV	74300	135770	0.32%	0.044%
5	10.981	1382	1386	1395	rVB	96701	167092	0.39%	0.054%
6	13.044	1727	1737	1744	rBV	117518	245599	0.57%	0.080%
7	14.683	2012	2016	2021	rBV5	27466	62037	0.14%	0.020%
8	14.736	2021	2025	2034	rVB2	125074	217004	0.50%	0.071%
9	14.859	2043	2046	2049	rBV2	36508	53286	0.12%	0.017%
10	14.941	2055	2060	2066	rVB	45682	66707	0.15%	0.022%
11	15.047	2069	2078	2084	rVV	198517	425127	0.99%	0.139%
12	15.100	2084	2087	2093	rVV2	113105	161621	0.38%	0.053%
13	15.159	2093	2097	2101	rVV	86562	113367	0.26%	0.037%
14	15.217	2101	2107	2114	rVV2	64623	113741	0.26%	0.037%
15	15.288	2114	2119	2124	rVB	115736	153185	0.36%	0.050%
16	15.552	2159	2164	2168	rBV	202572	260436	0.60%	0.085%
17	15.993	2234	2239	2244	rVB	119669	176851	0.41%	0.058%
18	16.440	2306	2315	2320	rBV3	53782	123131	0.29%	0.040%
19	17.250	2450	2453	2459	rVB4	32680	55462	0.13%	0.018%
20	17.474	2482	2491	2496	rVV2	132947	234774	0.55%	0.077%
21	17.550	2500	2504	2514	rVB2	58615	126754	0.29%	0.041%
22	18.185	2608	2612	2615	rBV	41806	62019	0.14%	0.020%
23	19.248	2789	2793	2794	rBV3	35404	44430	0.10%	0.014%
24	19.283	2794	2799	2808	rVB	422363	596015	1.38%	0.194%
25	19.959	2910	2914	2922	rVB	140788	204480	0.47%	0.067%
26	20.364	2978	2983	2987	rBV	91547	136069	0.32%	0.044%
27	20.635	3025	3029	3036	rBV	138070	203557	0.47%	0.066%
28	20.893	3069	3073	3077	rBV	220908	269329	0.63%	0.088%
29	20.987	3085	3089	3091	rBV	104069	135823	0.32%	0.044%
30	21.011	3091	3093	3097	rVV	119101	156258	0.36%	0.051%
31	21.075	3101	3104	3110	rVV	94038	136622	0.32%	0.045%
32	21.163	3116	3119	3121	rBV	100947	112697	0.26%	0.037%
33	21.228	3123	3130	3132	rVV2	234574	485407	1.13%	0.158%
34	21.252	3132	3134	3139	rVB	316968	405373	0.94%	0.132%

LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Title : SVOA CALIBRATION

35	21.310	3140	3144	3149	rVB2	313389	498904	1.16%	0.163%
36	21.363	3150	3153	3157	rBV	85283	137560	0.32%	0.045%
37	21.428	3158	3164	3171	rBV2	431190	1204045	2.80%	0.392%
38	21.516	3176	3179	3183	rVB	183933	263384	0.61%	0.086%
39	21.604	3184	3194	3200	rBV2	1037677	2193380	5.09%	0.715%
40	21.669	3200	3205	3211	rBV	802078	1547755	3.59%	0.504%
41	21.733	3212	3216	3224	rBV5	311439	656252	1.52%	0.214%
42	21.827	3228	3232	3234	rBV	363095	603294	1.40%	0.197%
43	21.910	3243	3246	3251	rVB	1012220	1571033	3.65%	0.512%
44	22.121	3268	3282	3288	rBV3	5520245	22926299	53.22%	7.472%
45	22.186	3288	3293	3298	rVV	5989807	12114211	28.12%	3.948%
46	22.280	3298	3309	3316	rVB3	6524337	19089484	44.31%	6.221%
47	22.462	3322	3340	3346	rBV8	7646786	43076832	100.00%	14.038%
48	22.615	3356	3366	3378	rVB3	7866800	26497530	61.51%	8.635%
49	22.809	3378	3399	3401	rBV4	8386379	40755643	94.61%	13.282%
50	22.903	3412	3415	3418	rBV4	149844	206519	0.48%	0.067%
51	22.955	3418	3424	3426	rBV	1270070	2034093	4.72%	0.663%
52	23.055	3426	3441	3444	rVB2	7548760	28512975	66.19%	9.292%
53	23.096	3444	3448	3456	rVB2	2797110	4914175	11.41%	1.601%
54	23.202	3456	3466	3470	rBV3	149362	490887	1.14%	0.160%
55	23.367	3472	3494	3497	rBV5	7590680	42132274	97.81%	13.731%
56	23.449	3500	3508	3511	rBV	2781380	6034530	14.01%	1.967%
57	23.549	3511	3525	3528	rBV2	5696461	25069430	58.20%	8.170%
58	23.713	3549	3553	3561	rVB2	318290	666586	1.55%	0.217%
59	23.813	3562	3570	3576	rBV	1229585	2487453	5.77%	0.811%
60	24.148	3615	3627	3641	rVB3	453779	1699462	3.95%	0.554%
61	24.313	3650	3655	3662	rVB3	111604	258660	0.60%	0.084%
62	24.442	3665	3677	3687	rVB2	577683	1470438	3.41%	0.479%
63	24.542	3690	3694	3695	rBV2	62320	87436	0.20%	0.028%
64	24.953	3753	3764	3774	rBV	1431259	3595467	8.35%	1.172%
65	25.047	3776	3780	3784	rBV2	58956	119604	0.28%	0.039%
66	25.359	3825	3833	3843	rVB	255439	676301	1.57%	0.220%
67	25.505	3846	3858	3868	rVV	993370	2793765	6.49%	0.910%
68	25.952	3927	3934	3945	rVB	427145	1245723	2.89%	0.406%
69	26.111	3954	3961	3973	rVB2	140007	431364	1.00%	0.141%
70	26.598	4038	4044	4055	rVB	352861	964092	2.24%	0.314%
71	27.027	4109	4117	4130	rVB3	183590	642403	1.49%	0.209%

LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Title : SVOA CALIBRATION

72	27.797	4239	4248	4261	rVB3	230090	929194	2.16%	0.303%

Sum of corrected areas: 306849190

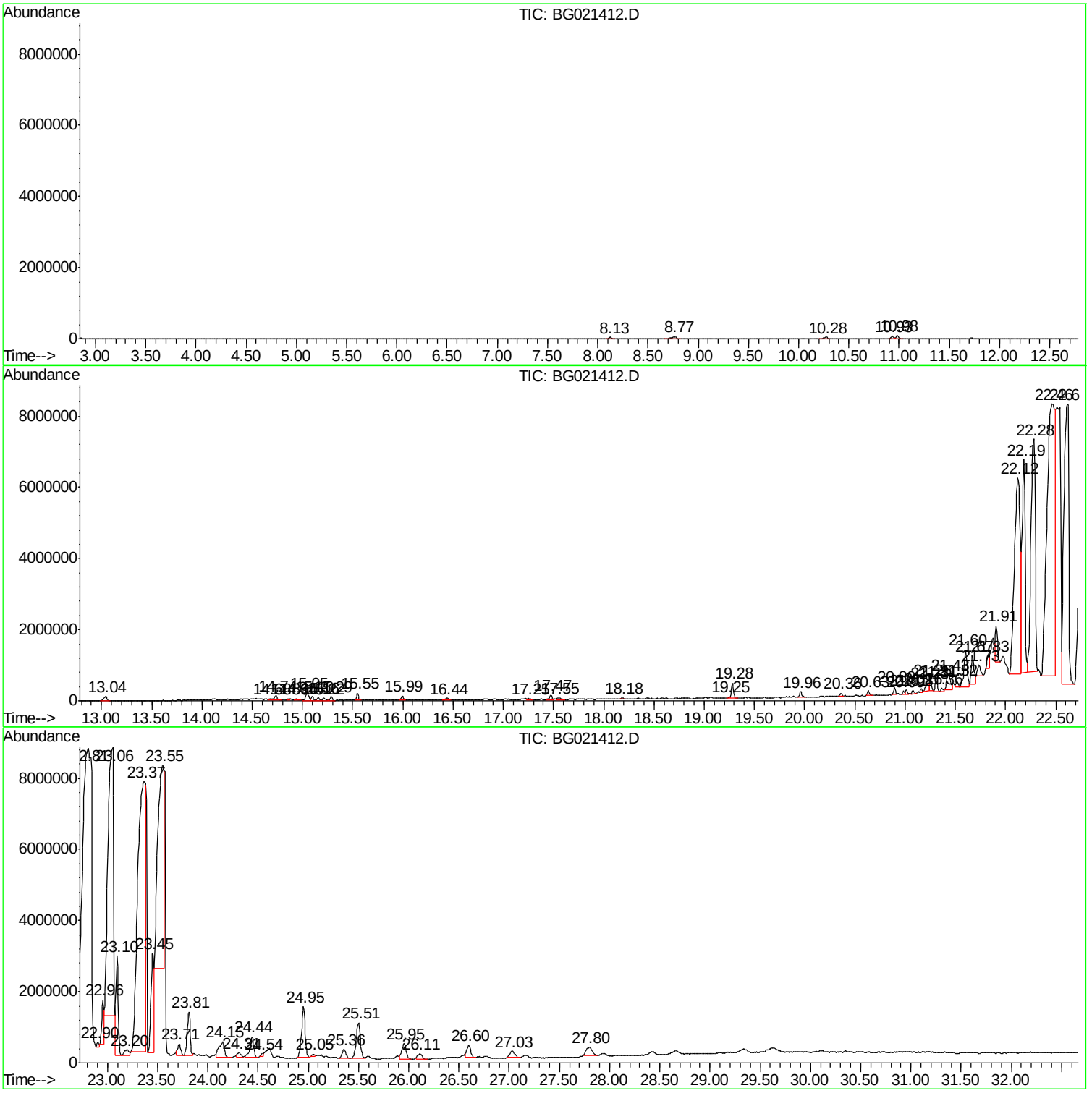
LSC Report - Integrated Chromatogram

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

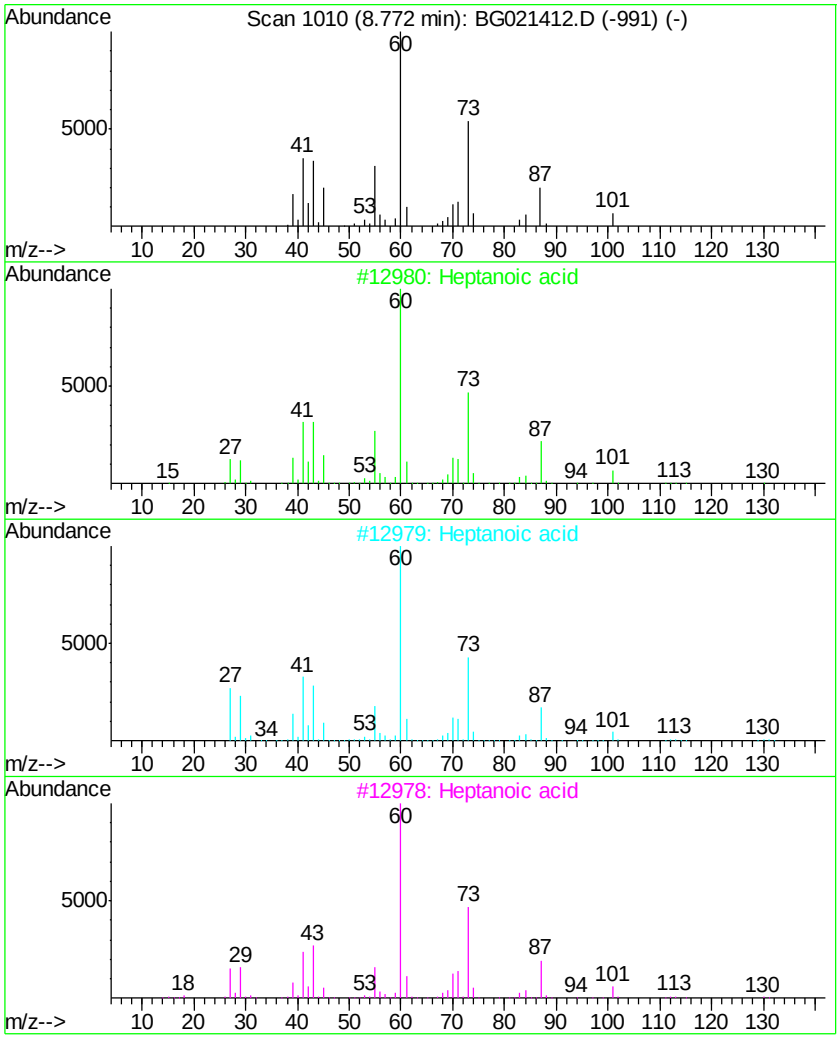
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

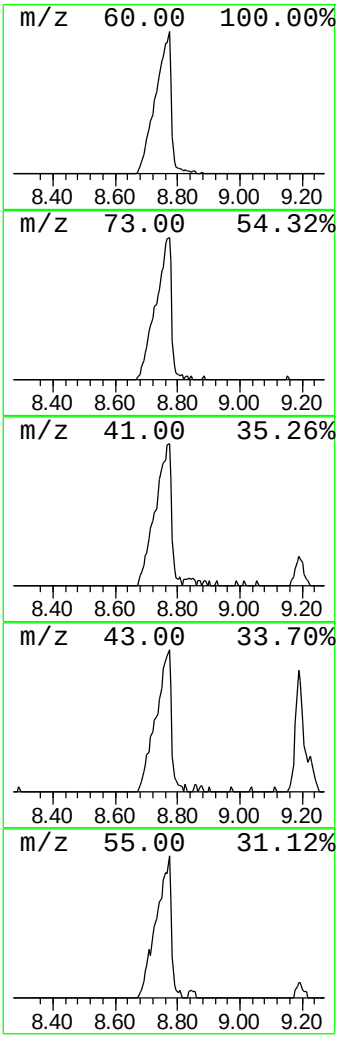
****

Peak Number 1 Heptanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	46.59 ng/ul	196013	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Heptanoic acid	130	C7H14O2	000111-14-8	86
3	Heptanoic acid	130	C7H14O2	000111-14-8	80
4	Heptanoic acid	130	C7H14O2	000111-14-8	72
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

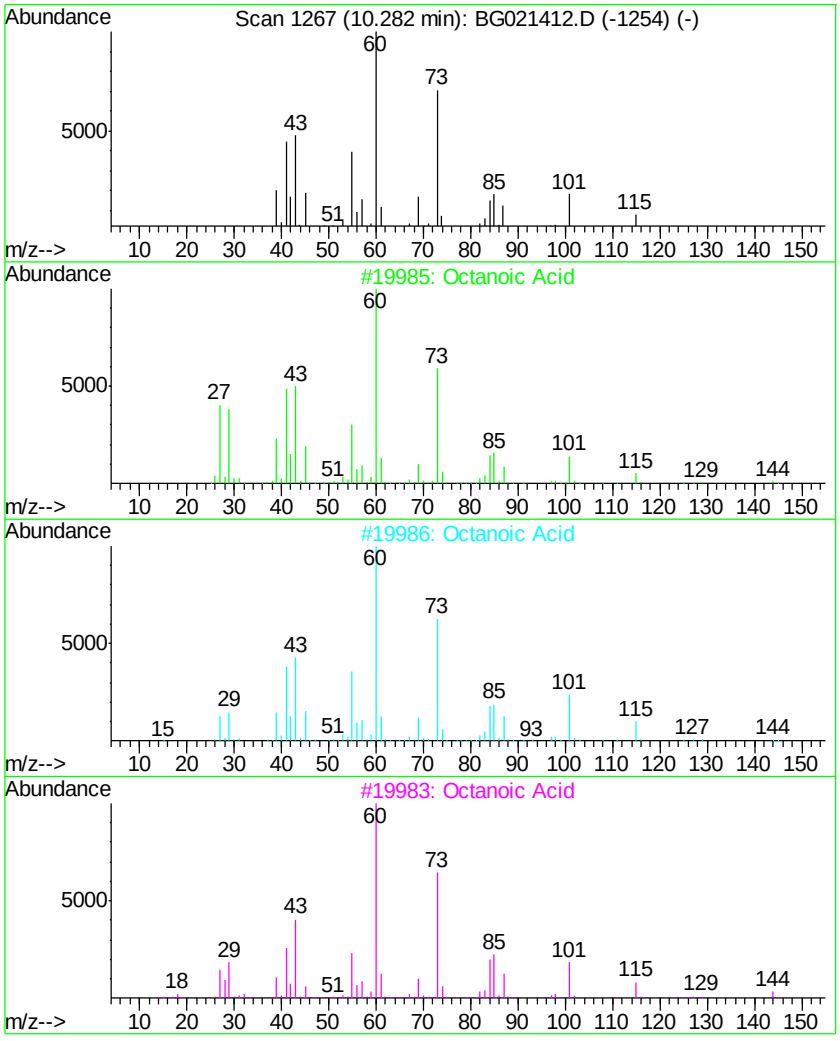
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

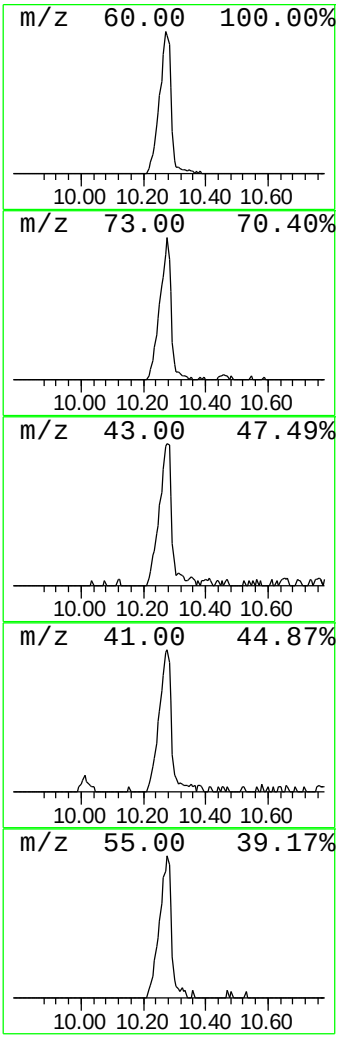
****

Peak Number 2 Octanoic Acid Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	19.23 ng/ul	130571	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	90
2	Octanoic Acid	144	C8H16O2	000124-07-2	90
3	Octanoic Acid	144	C8H16O2	000124-07-2	86
4	Heptanoic acid	130	C7H14O2	000111-14-8	59
5	Hexanoic acid	116	C6H12O2	000142-62-1	59





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

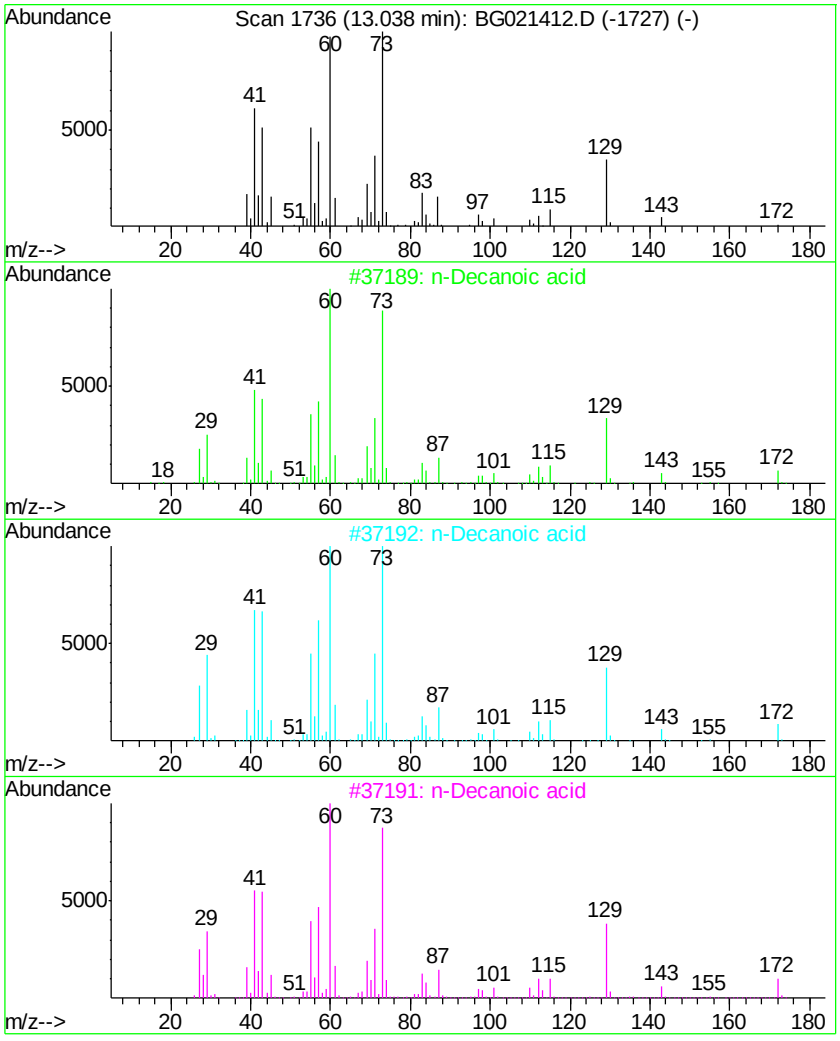
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

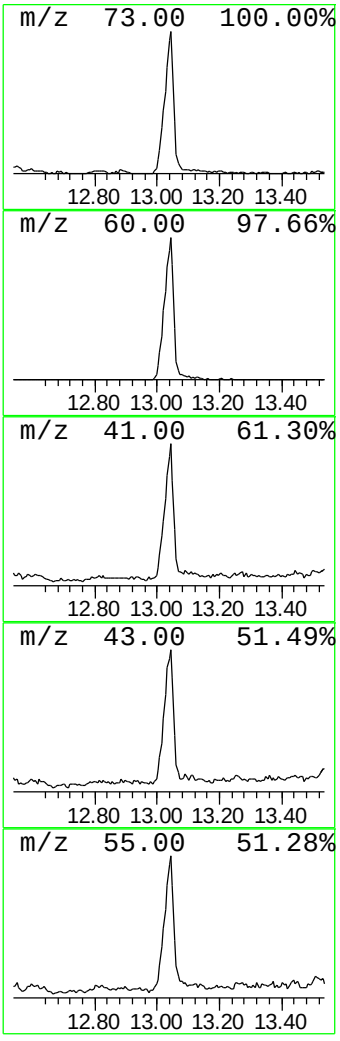
****

Peak Number 3 n-Decanoic acid Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	22.64 ng/ul	245599	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	91
2	n-Decanoic acid	172	C10H20O2	000334-48-5	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

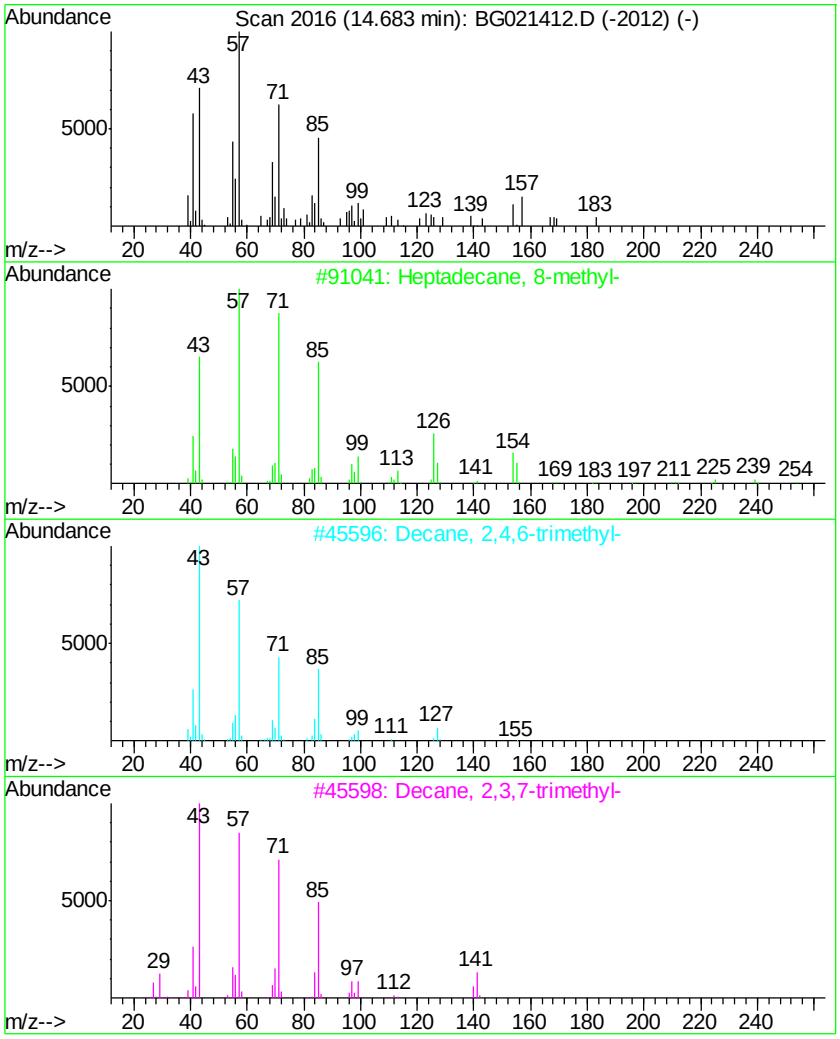
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

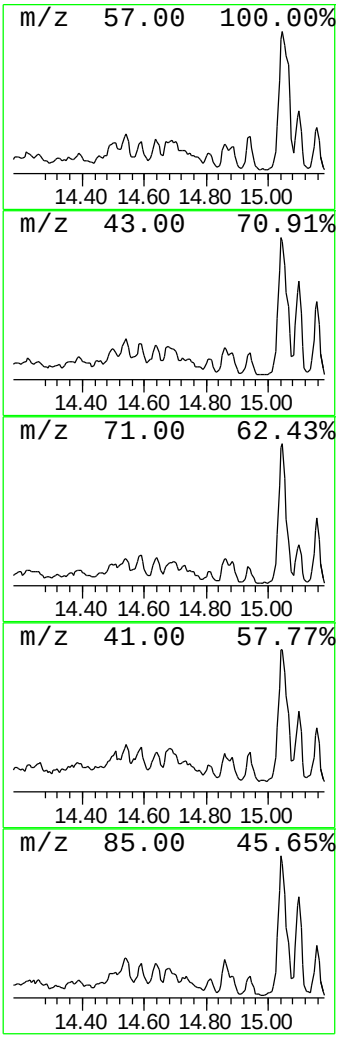
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	5.72 ng/ul	62037	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	59
2	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	58
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	53
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	47





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

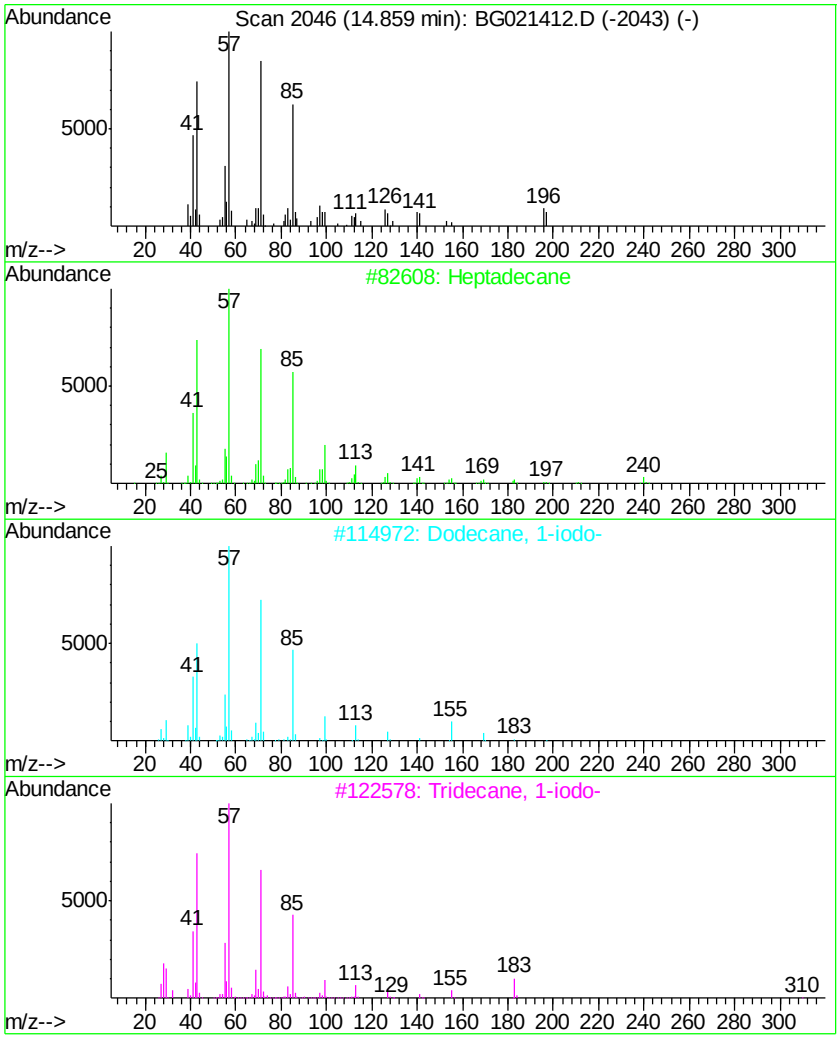
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

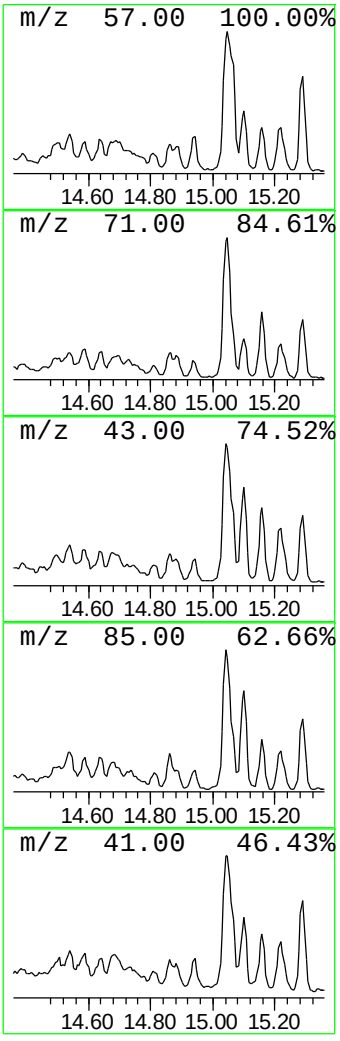
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.91 ng/ul	53286	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

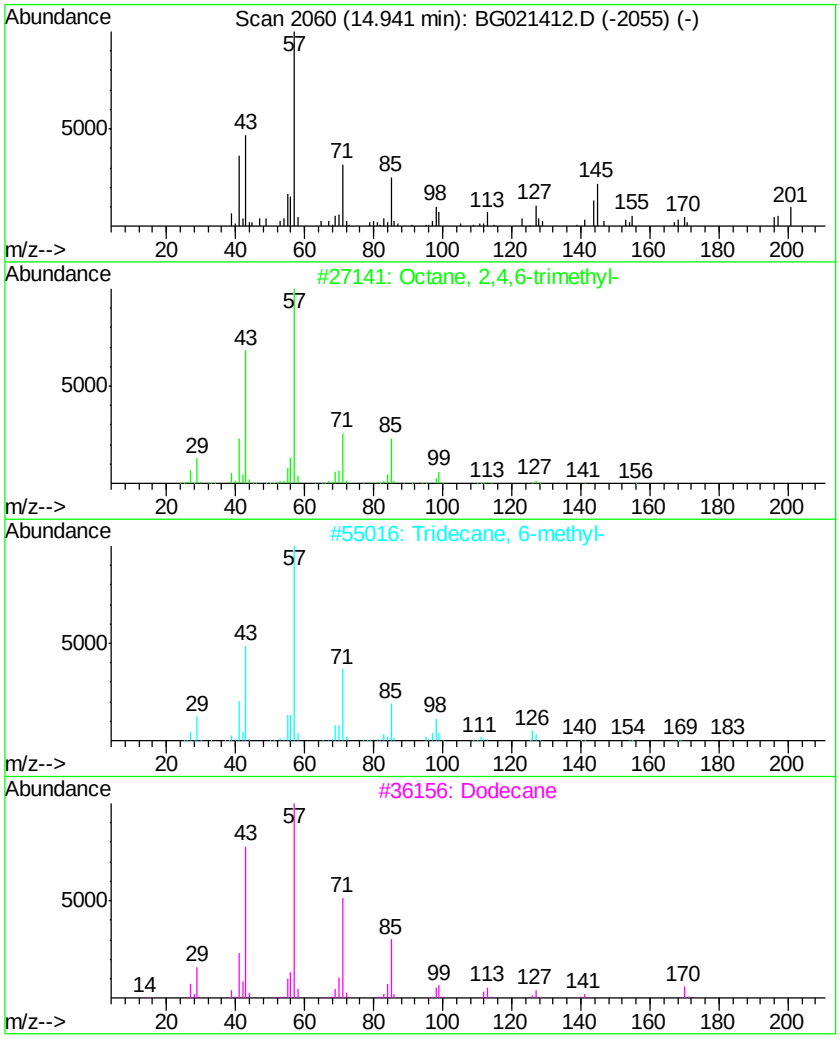
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

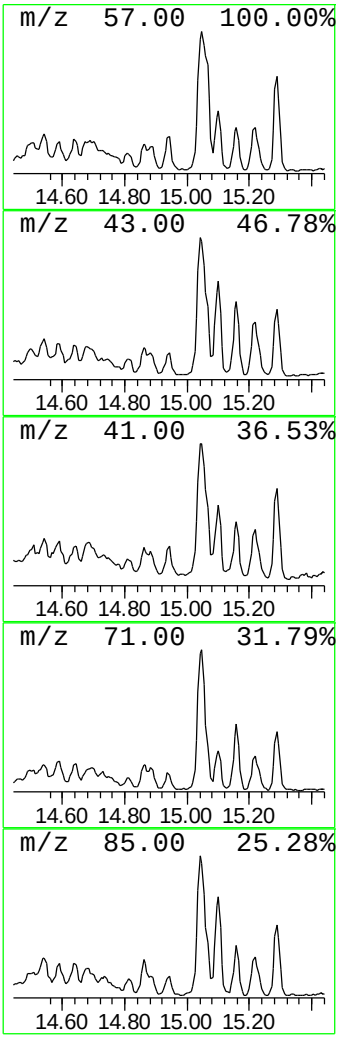
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	6.15 ng/ul	66707	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	35
3	Dodecane	170	C12H26	000112-40-3	35
4	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	35
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	27





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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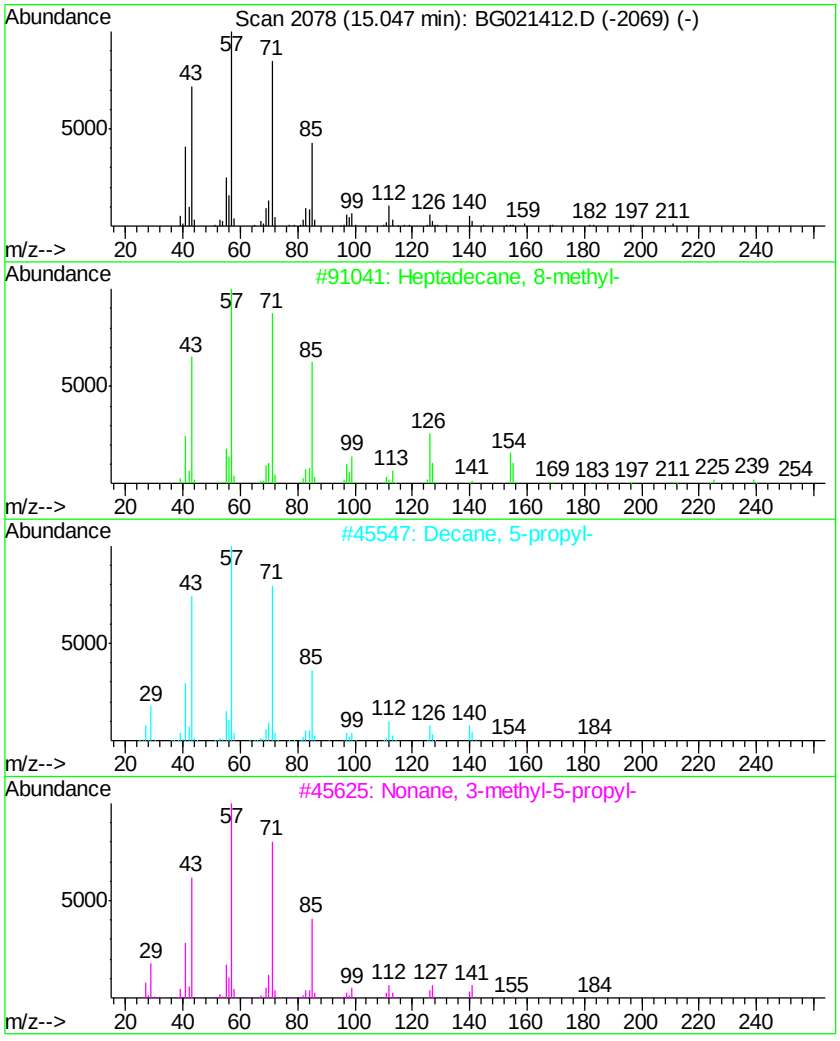
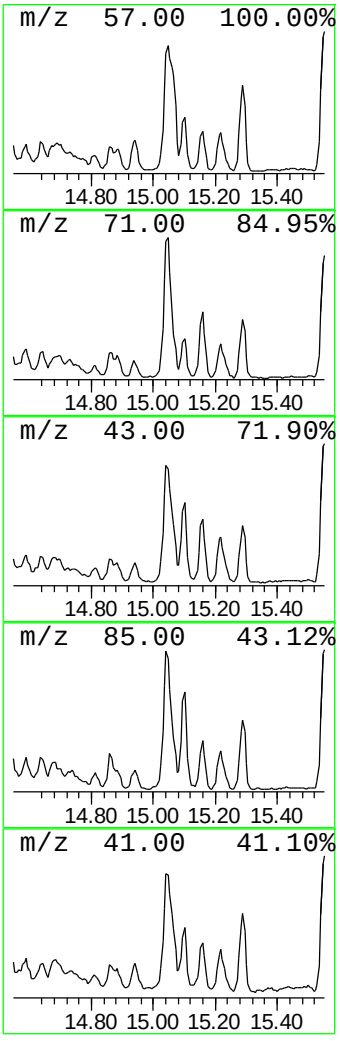
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	39.18 ng/ul	425127	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
2	Decane, 5-propyl-	184	C13H28	017312-62-8	83
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	83
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	83
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72





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Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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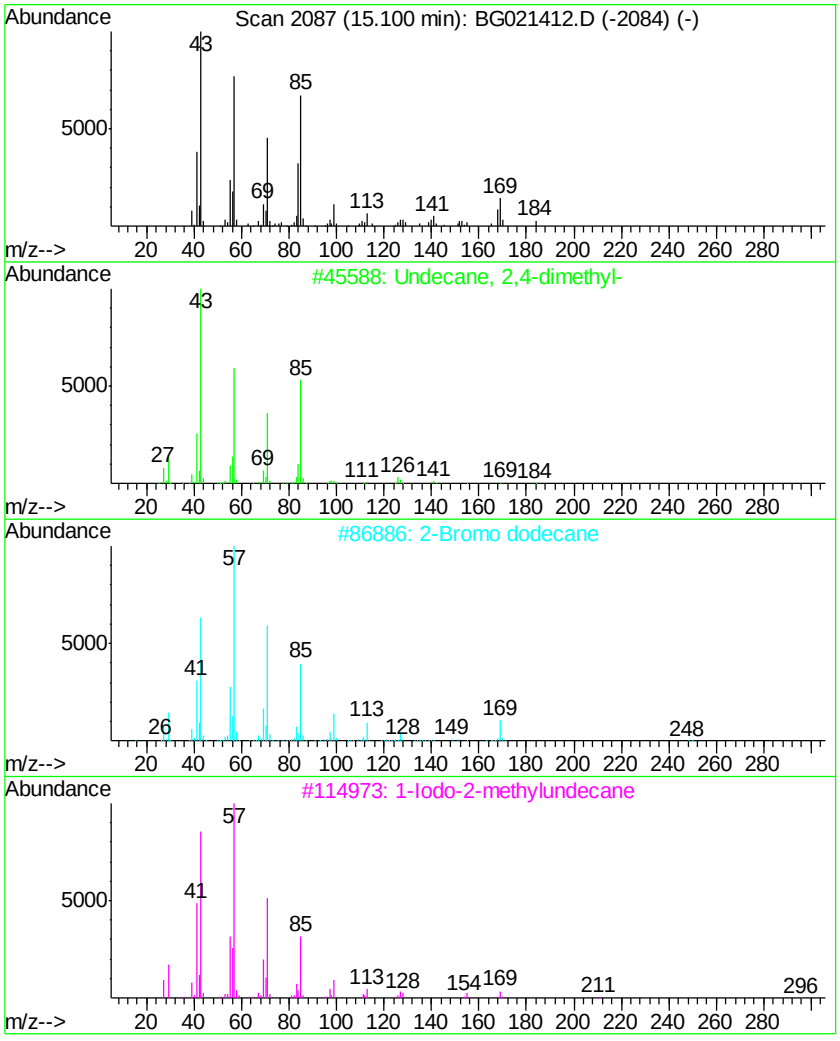
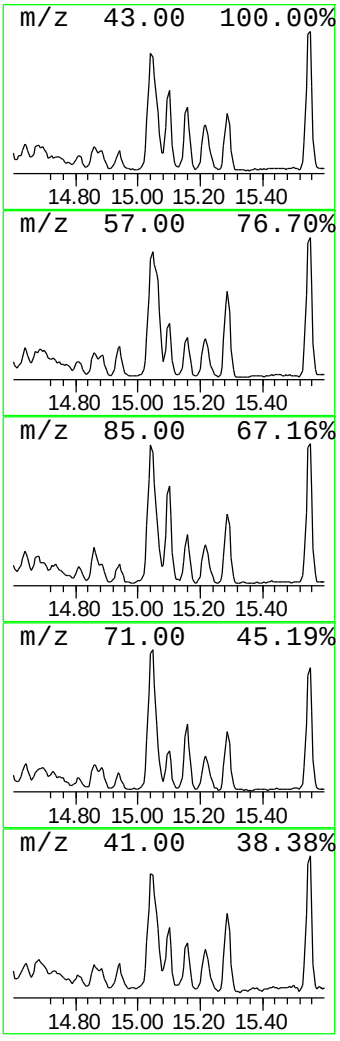
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	14.90 ng/ul	161621	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	52
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	49
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	45
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43





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Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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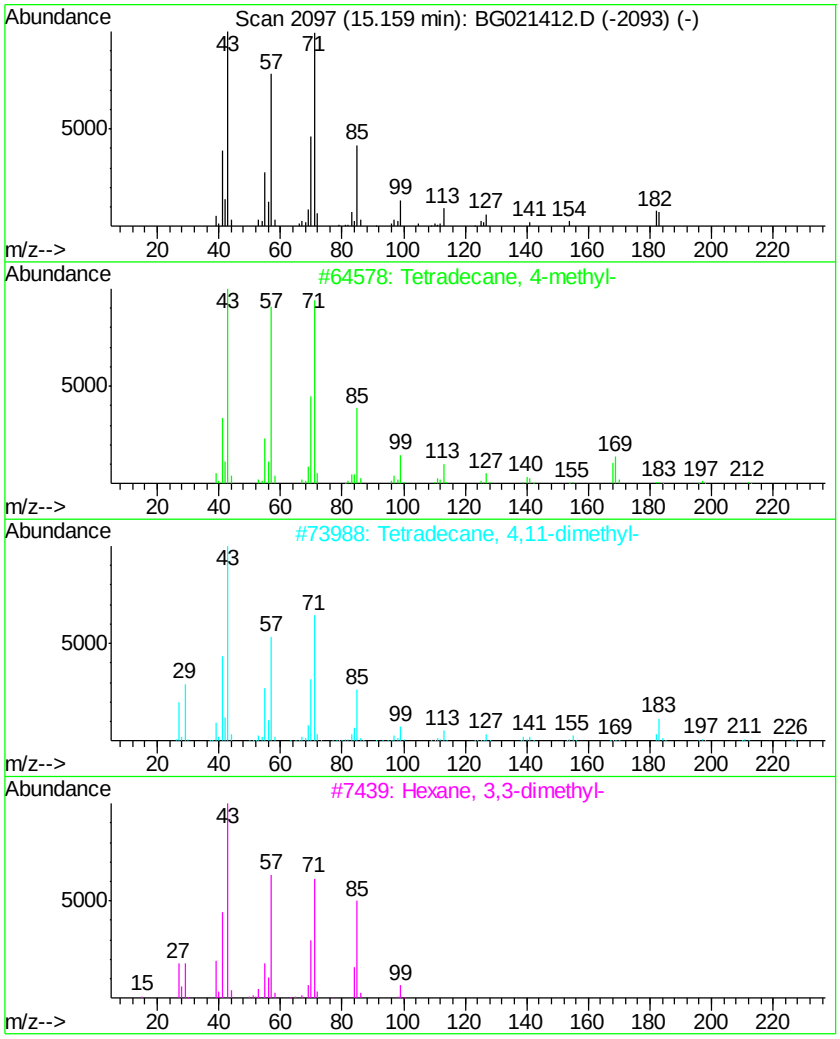
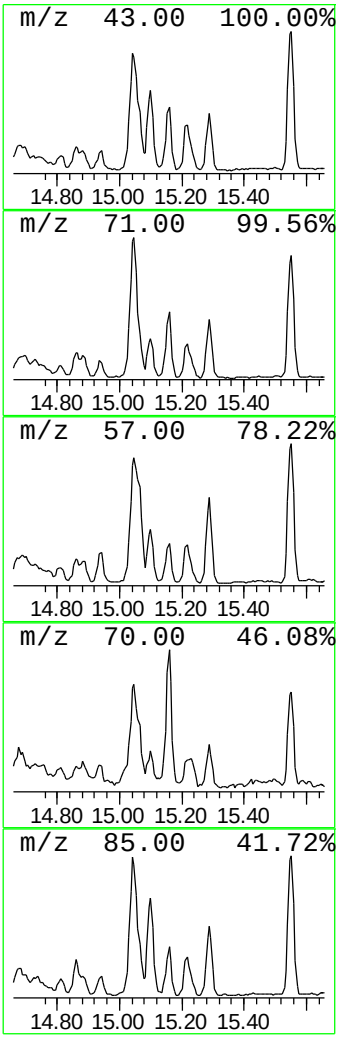
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	10.45 ng/ul	113367	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	90
2	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	83
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	53
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53





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Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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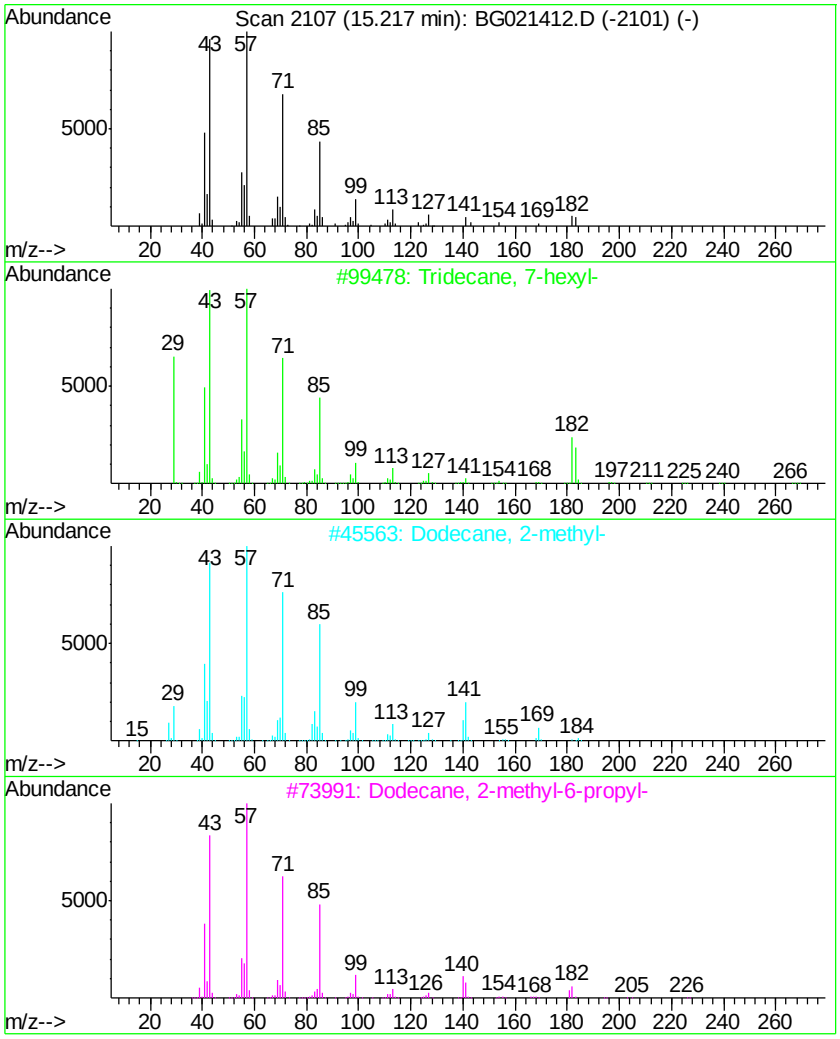
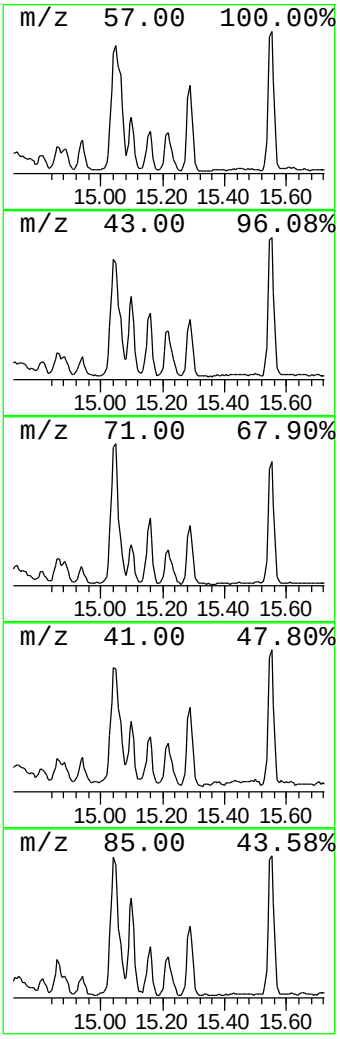
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	10.48 ng/ul	113741	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86





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Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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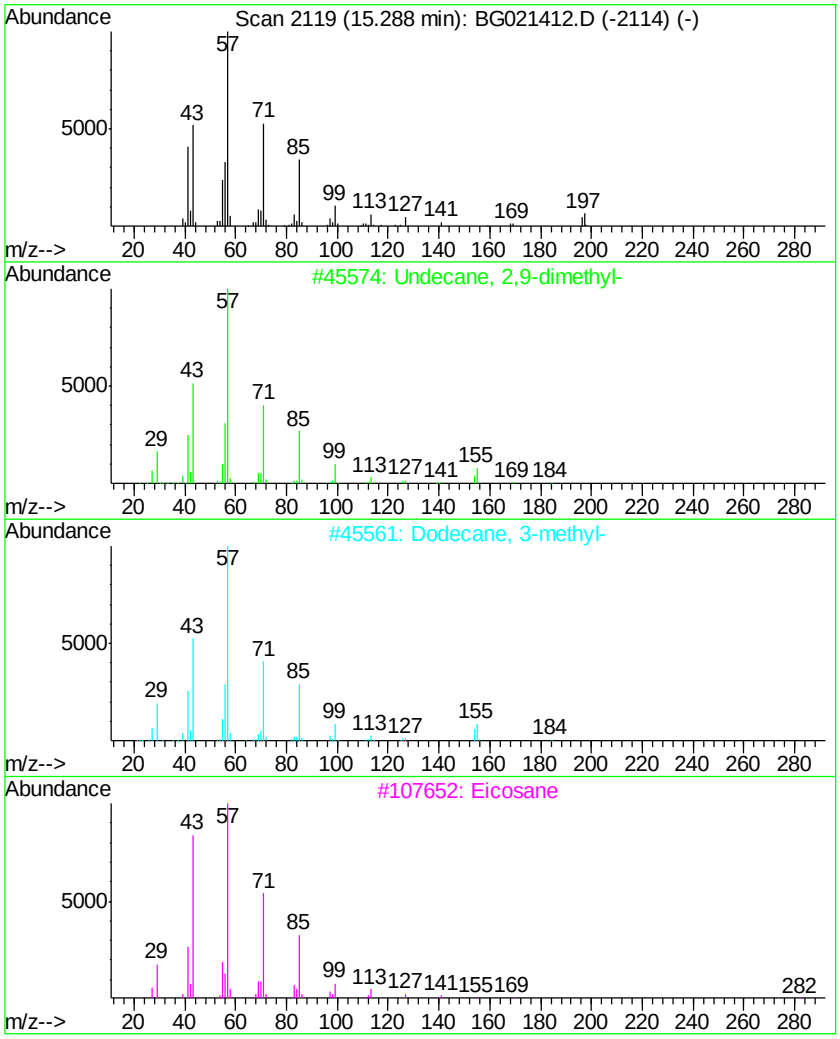
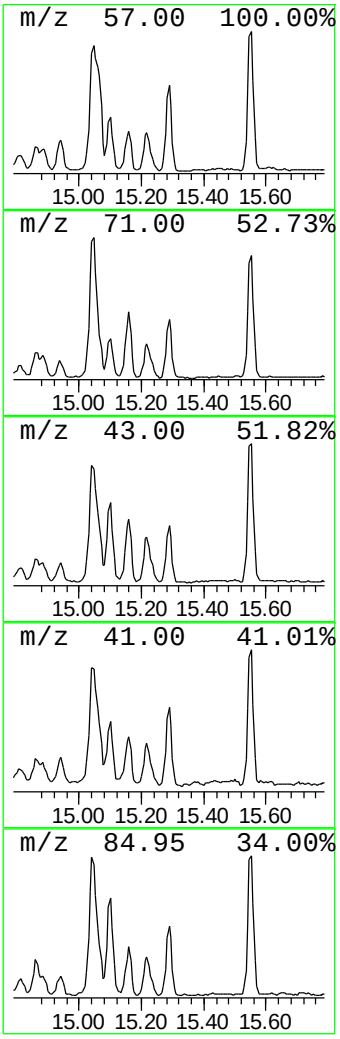
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	14.12 ng/ul	153185	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	64





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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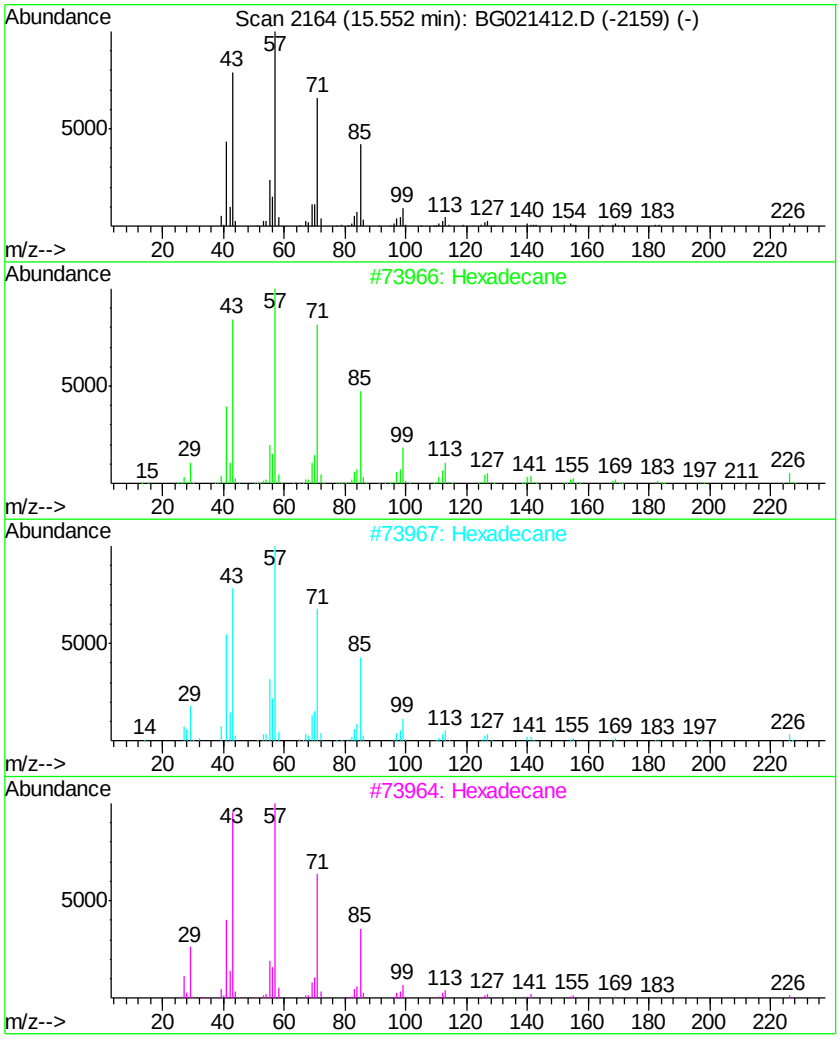
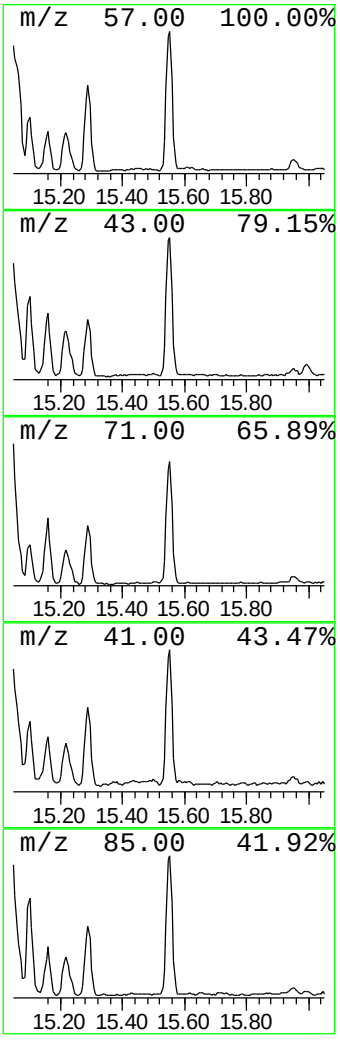
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	24.00 ng/ul	260436	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	97
3	Hexadecane	226	C16H34	000544-76-3	94
4	Eicosane	282	C20H42	000112-95-8	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Acq On : 10 Mar 2016 17:35
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Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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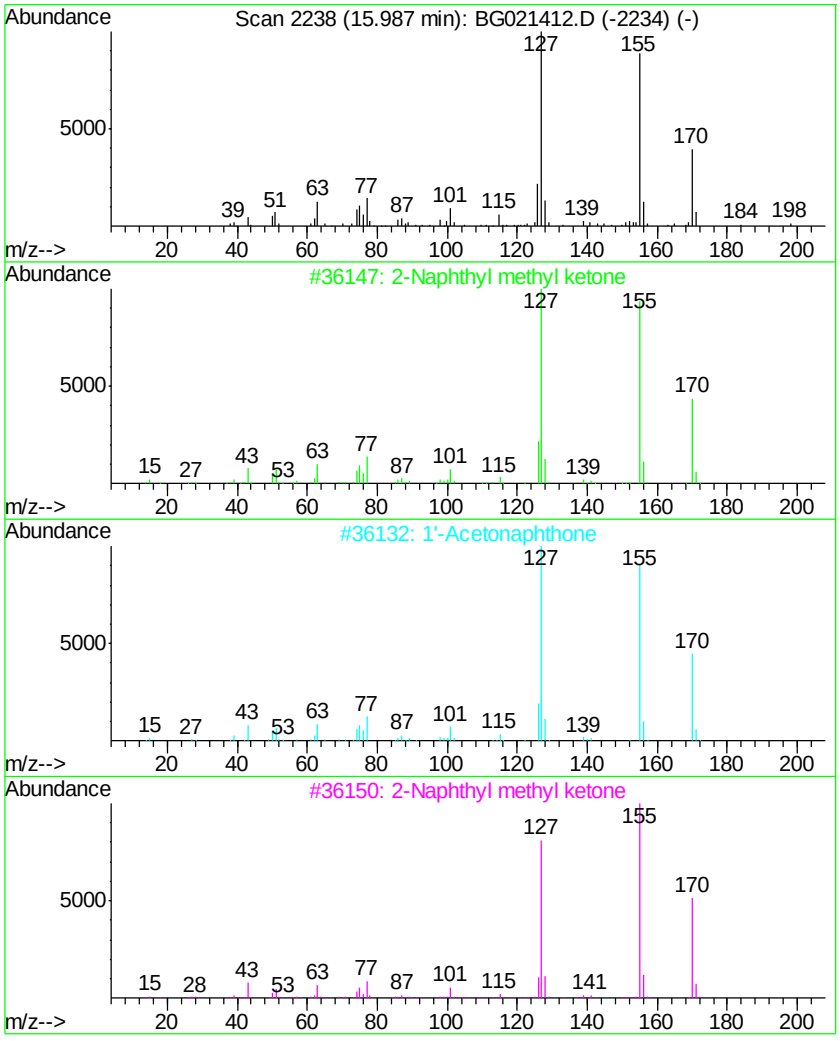
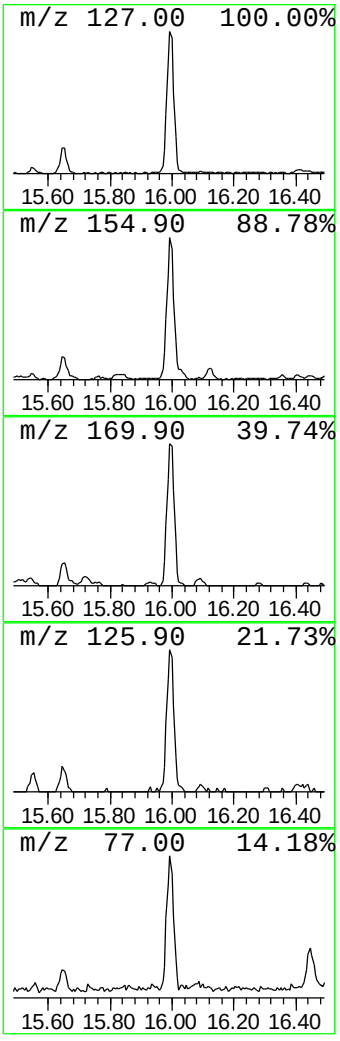
Peak Number 13 2-Naphthyl methyl ketone Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	16.30 ng/ul	176851	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	98
2	1'-Acetonaphthone	170	C12H10O	000941-98-0	97
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	95
4	1'-Acetonaphthone	170	C12H10O	000941-98-0	95
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	95





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Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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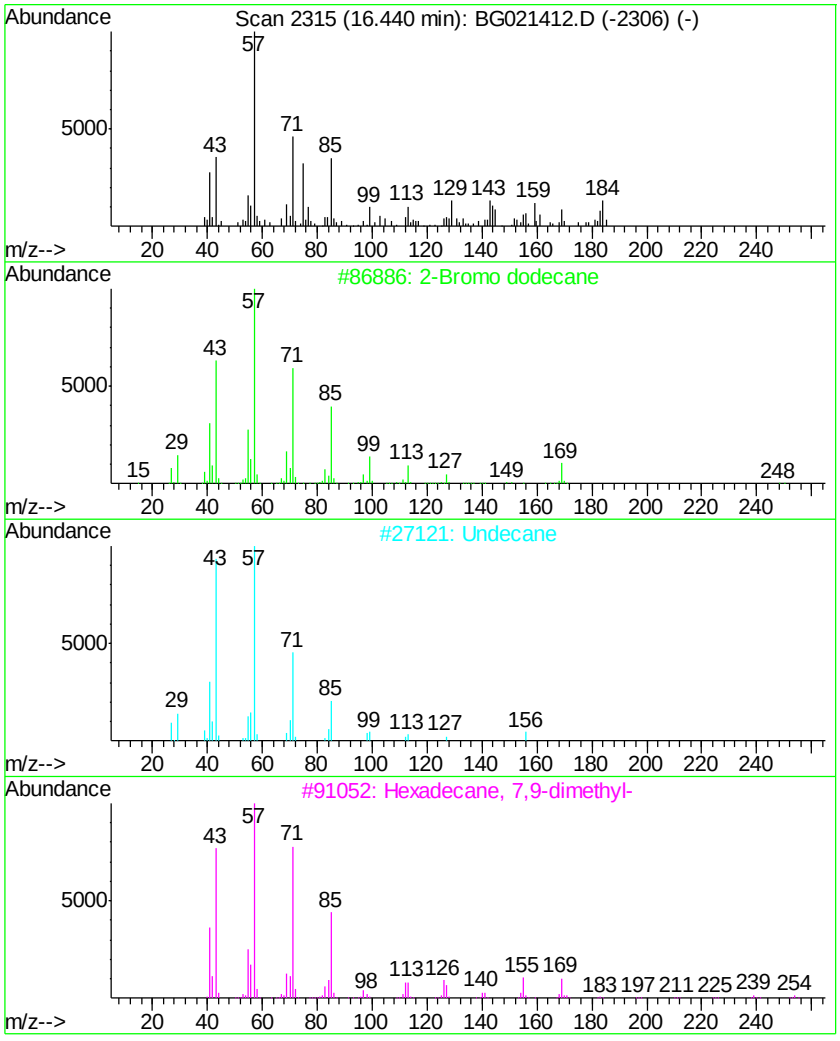
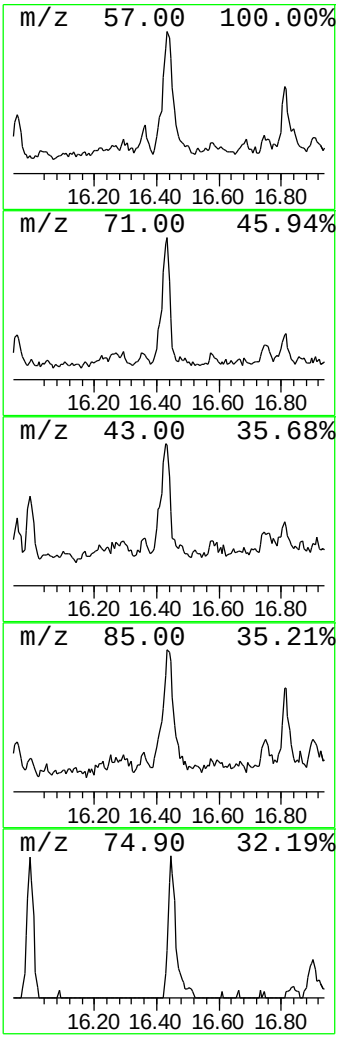
Peak Number 14 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	10.49 ng/ul	123131	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	47
2	Undecane	156	C11H24	001120-21-4	43
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	43
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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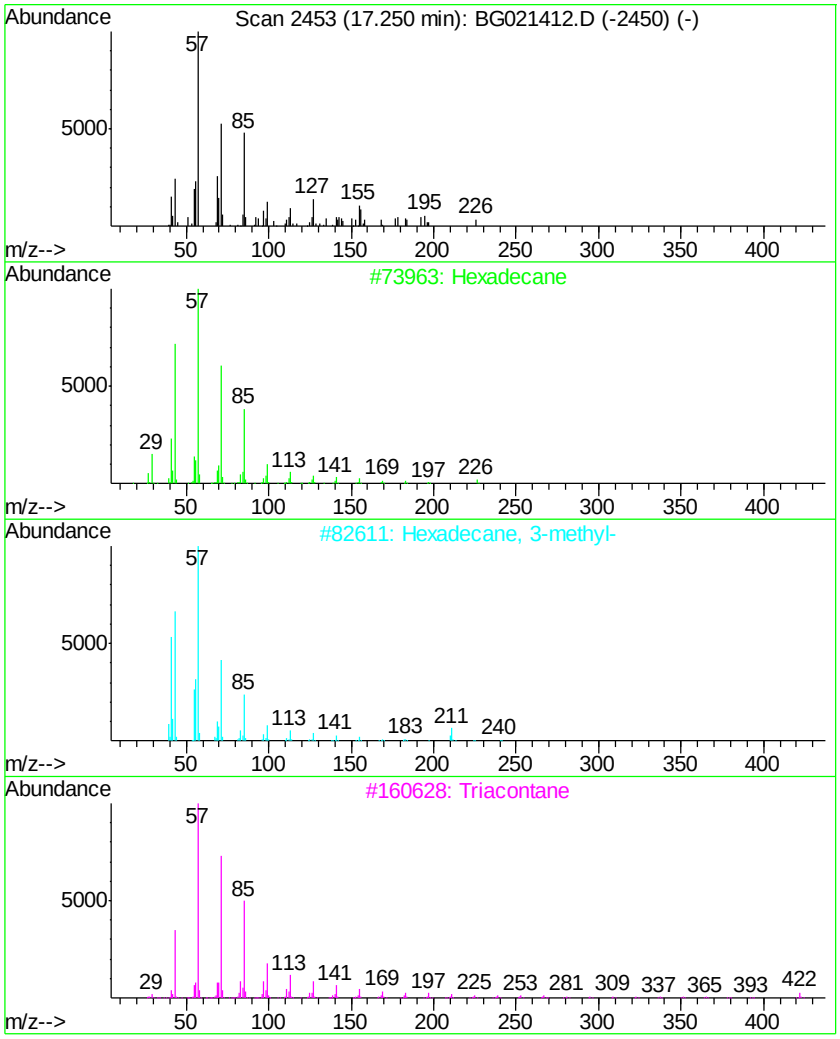
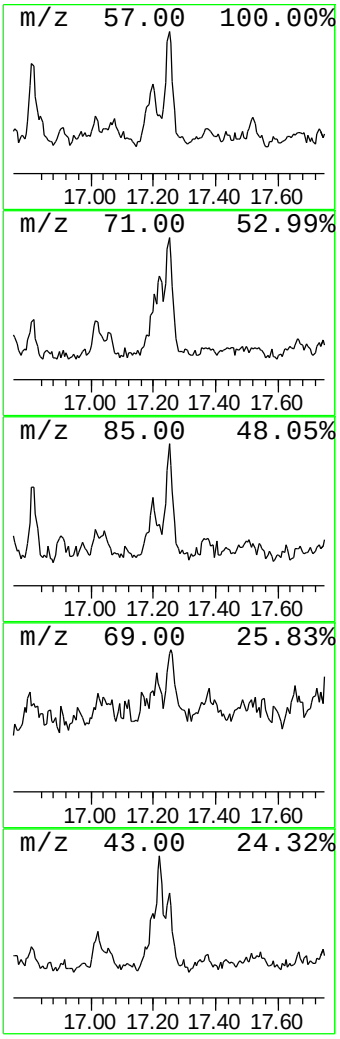
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	4.72 ng/ul	55462	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	80
3	Triacontane	422	C30H62	000638-68-6	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Octadecane	254	C18H38	000593-45-3	72





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Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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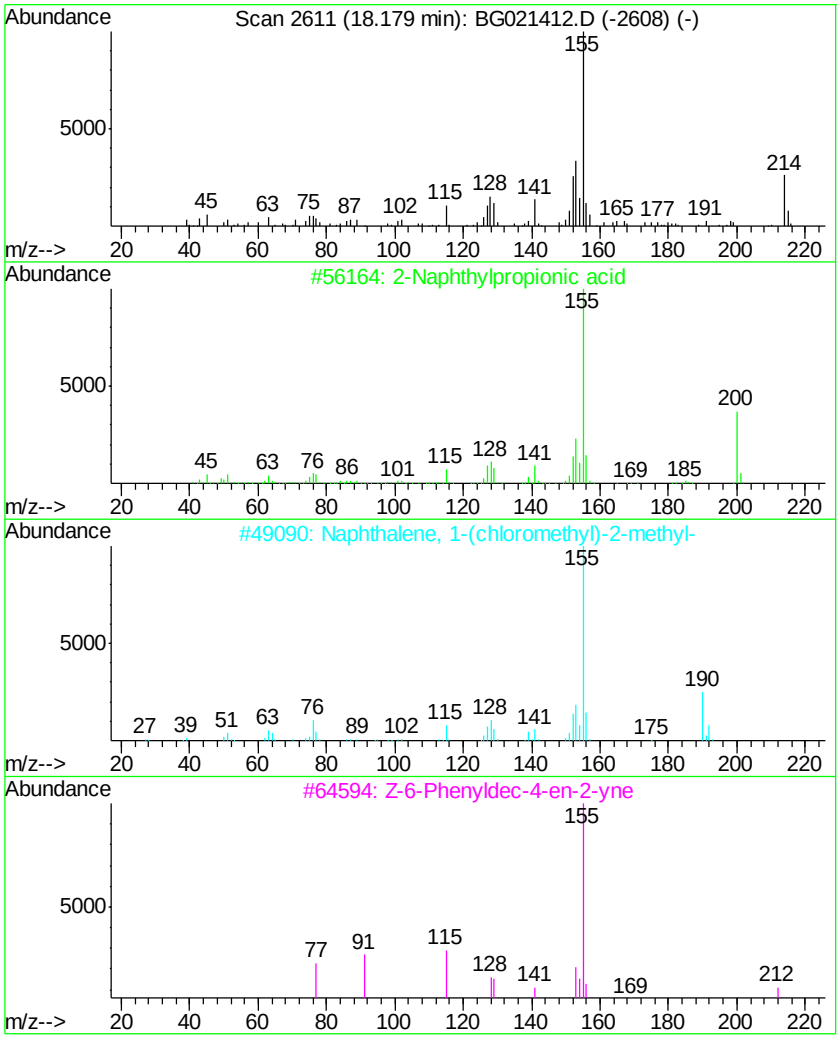
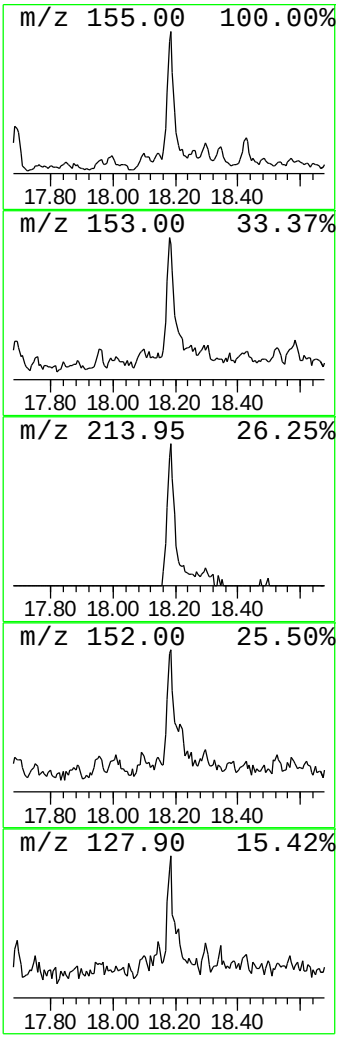
Peak Number 16 2-Naphthylpropionic acid Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	5.28 ng/ul	62019	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthylpropionic acid	200	C13H12O2	1000129-24-1	59
2	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	45
3	Z-6-Phenyldec-4-en-2-yne	212	C16H20	103240-99-9	42
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	42
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	42





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Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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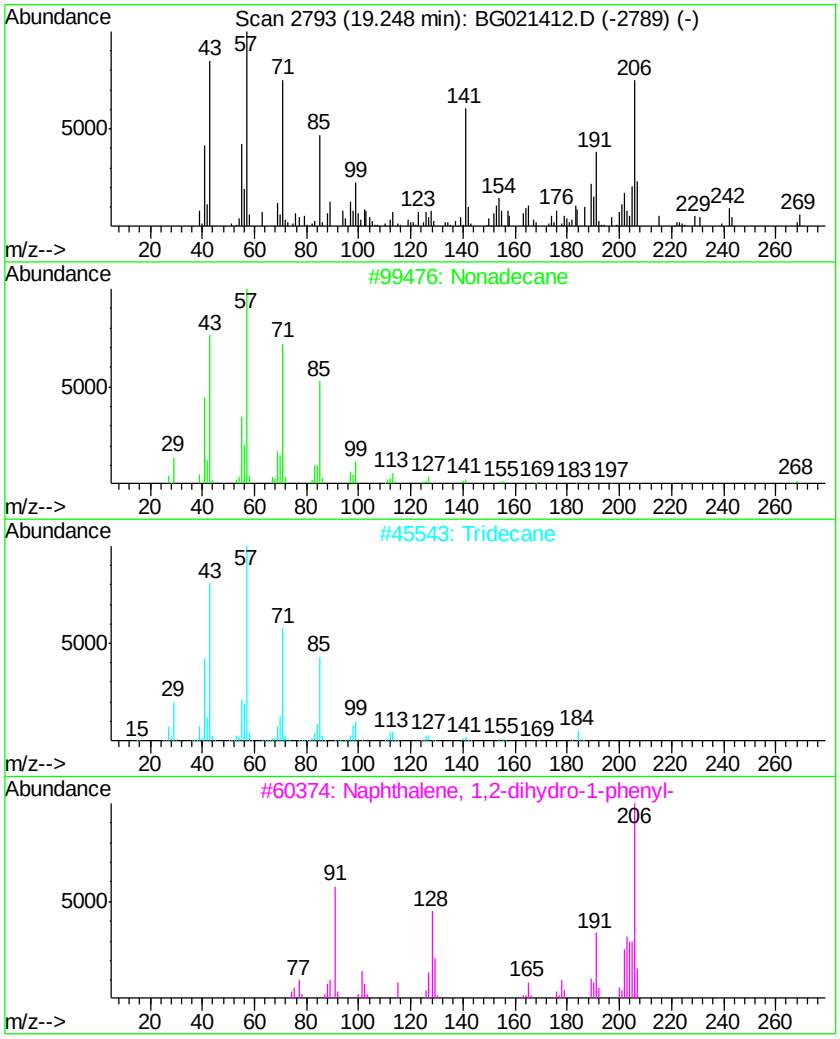
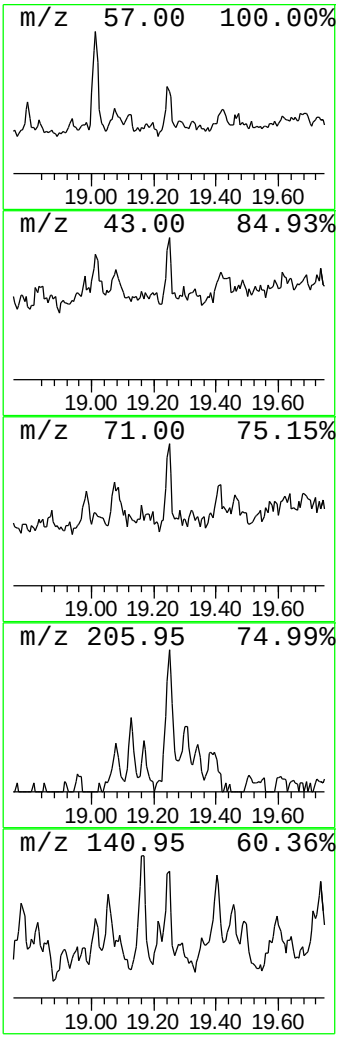
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	3.78 ng/ul	44430	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	51
2	Tridecane	184	C13H28	000629-50-5	38
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	38





Library Search Compound Report

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Misc :
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Instrument :
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ClientSampleId :
BLDG06-P001-SS001-02DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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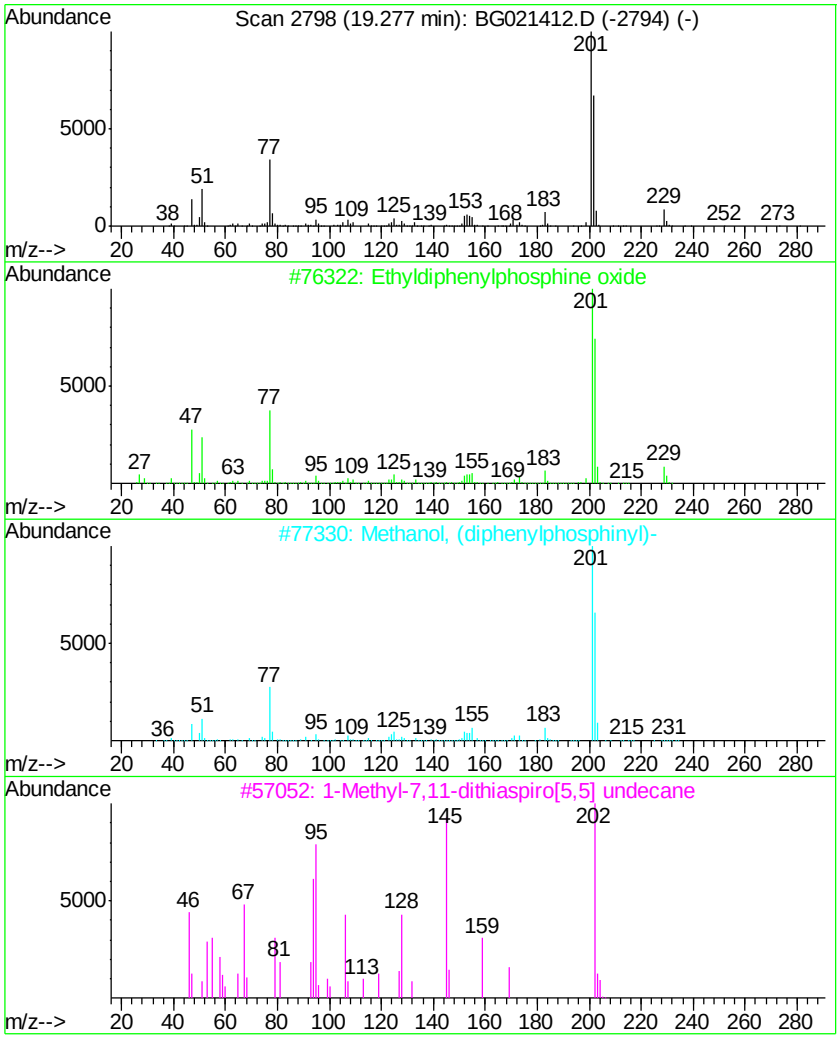
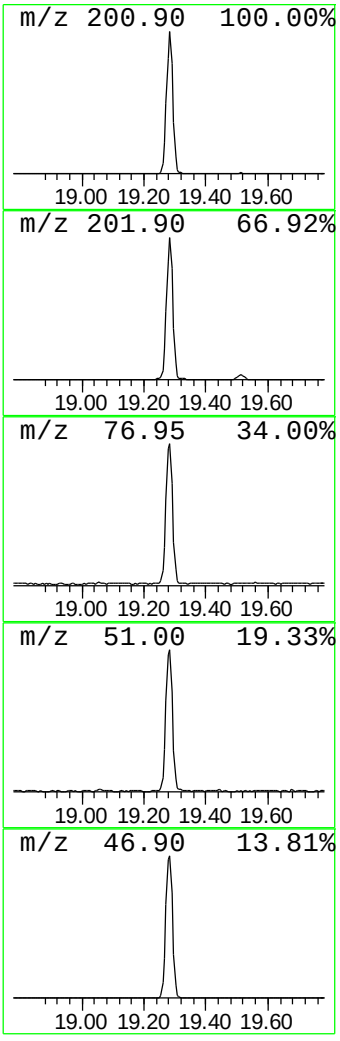
Peak Number 18 Ethyldiphenylphosphine oxide Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	50.77 ng/ul	596015	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyldiphenylphosphine oxide	230	C14H15OP	001733-57-9	93
2	Methanol, (diphenylphosphinyl)-	232	C13H13O2P	000884-74-2	90
3	1-Methyl-7,11-dithiaspiro[5,5] u...	202	C10H18S2	107678-22-8	35
4	Diphenyl-.alpha.-hydroxybenzylph...	308	C19H17O2P	020684-82-6	28
5	Pyrazol-5-amine, 3-methyl-4-nitr...	202	C10H10N4O	052943-85-8	27





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

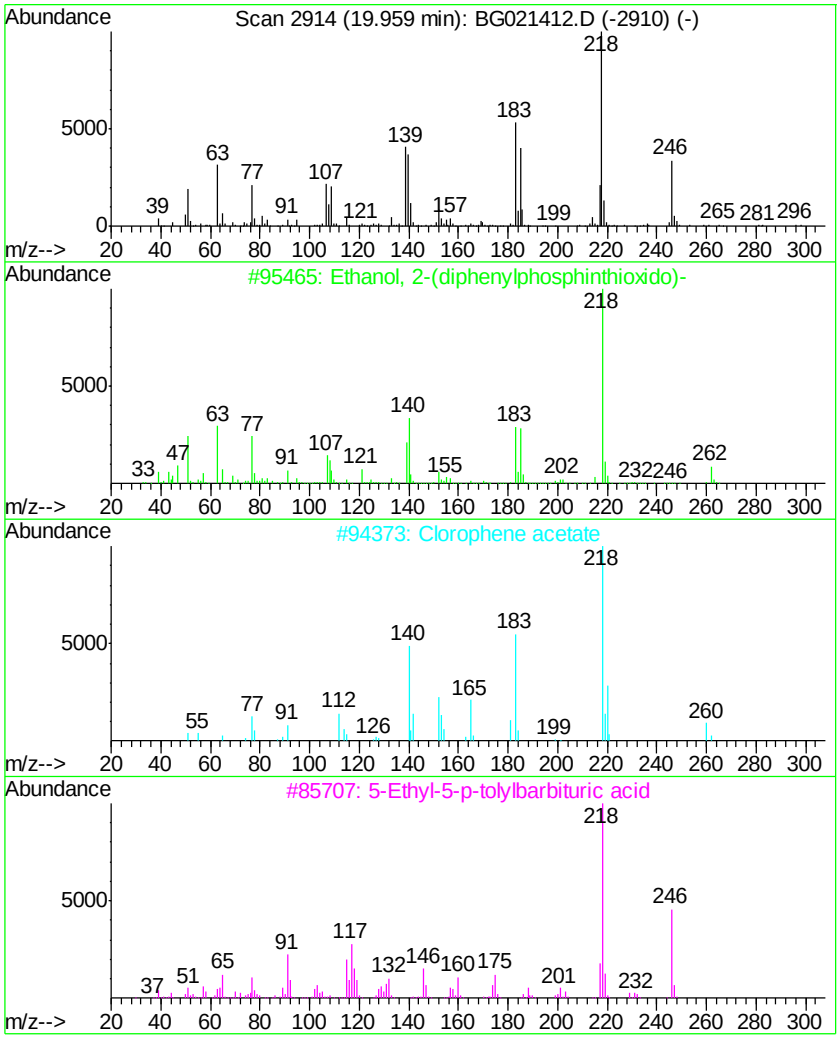
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

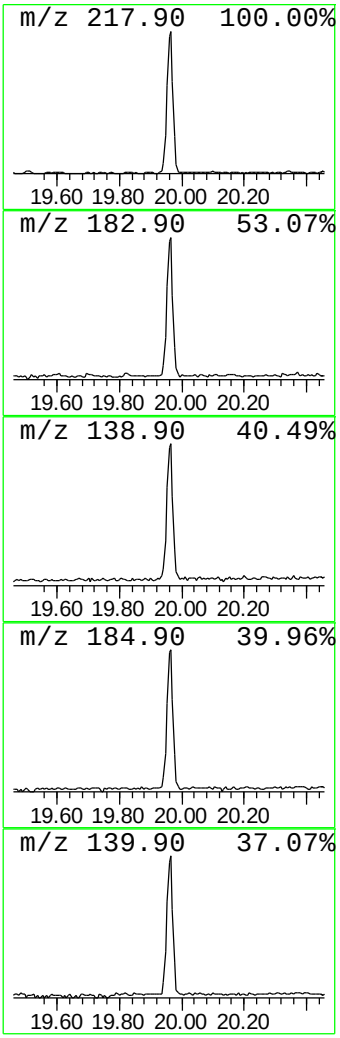
****

Peak Number 19 unknown-02 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	6.23 ng/ul	204480	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(diphenylphosphinthio...	262	C14H15OPS	066295-82-7	38
2	Clorophene acetate	260	C15H13ClO2	1000120-34-0	25
3	5-Ethyl-5-p-tolylbarbituric acid	246	C13H14N2O3	052584-39-1	16
4	Disulfide, diphenyl	218	C12H10S2	000882-33-7	14
5	Benzo[kl]xanthene	218	C16H10O	000200-23-7	14





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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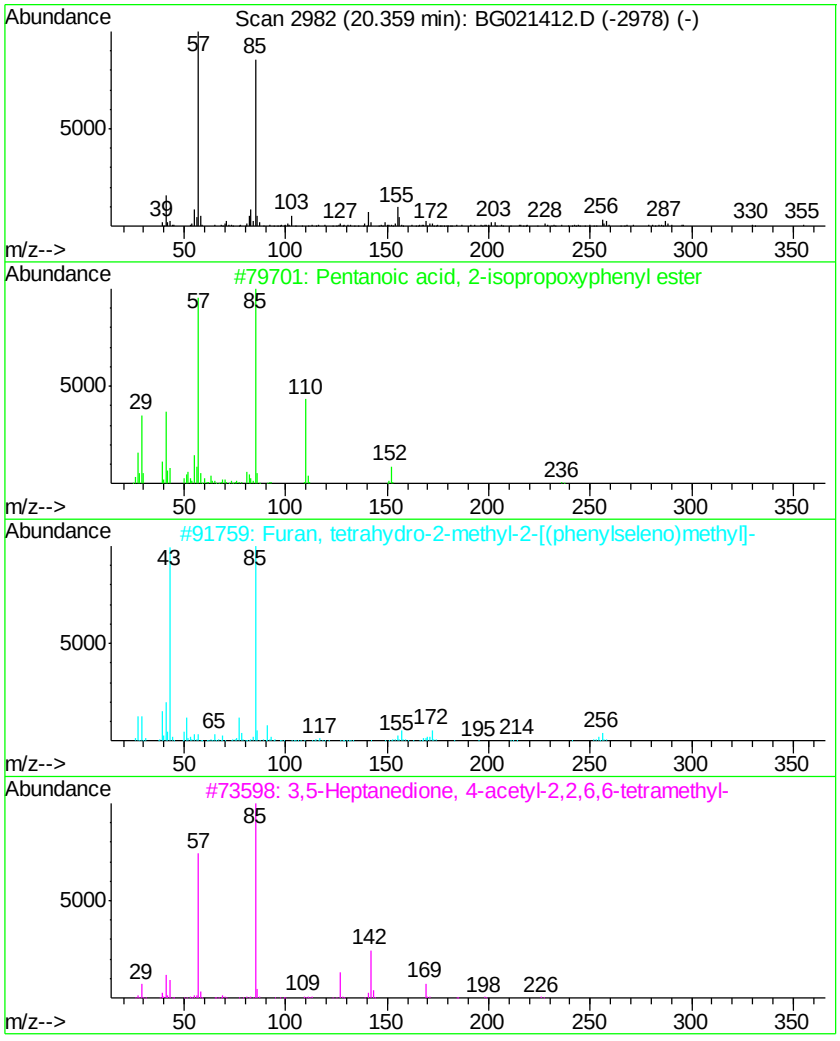
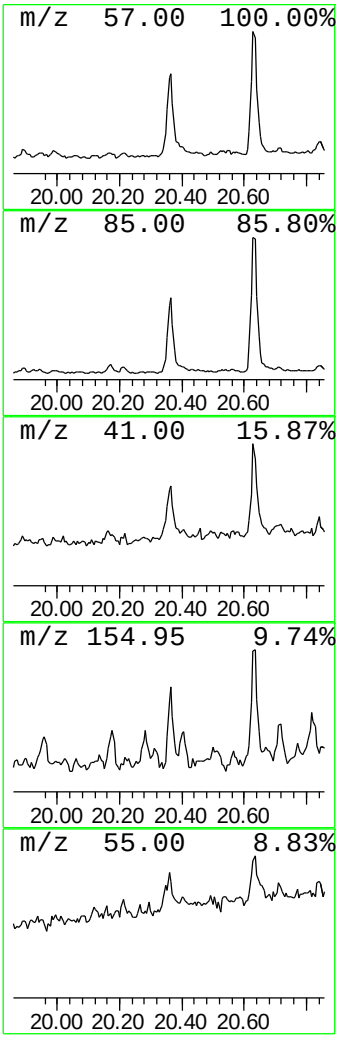
Peak Number 20 Pentanoic acid, 2-isopropox... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	4.15 ng/ul	136069	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-isopropoxyphen...	236	C14H20O3	1000293-64-6	59
2	Furan, tetrahydro-2-methyl-2-[(p...	256	C12H16OSe	114524-28-6	50
3	3,5-Heptanedione, 4-acetyl-2,2,6...	226	C13H22O3	1000161-42-4	50
4	2H-Pyran, 2-[(5-cyclopropylidene...	210	C13H22O2	123416-83-1	47
5	Pentanethioic acid, S-propyl ester	160	C8H16OS	002432-76-0	45





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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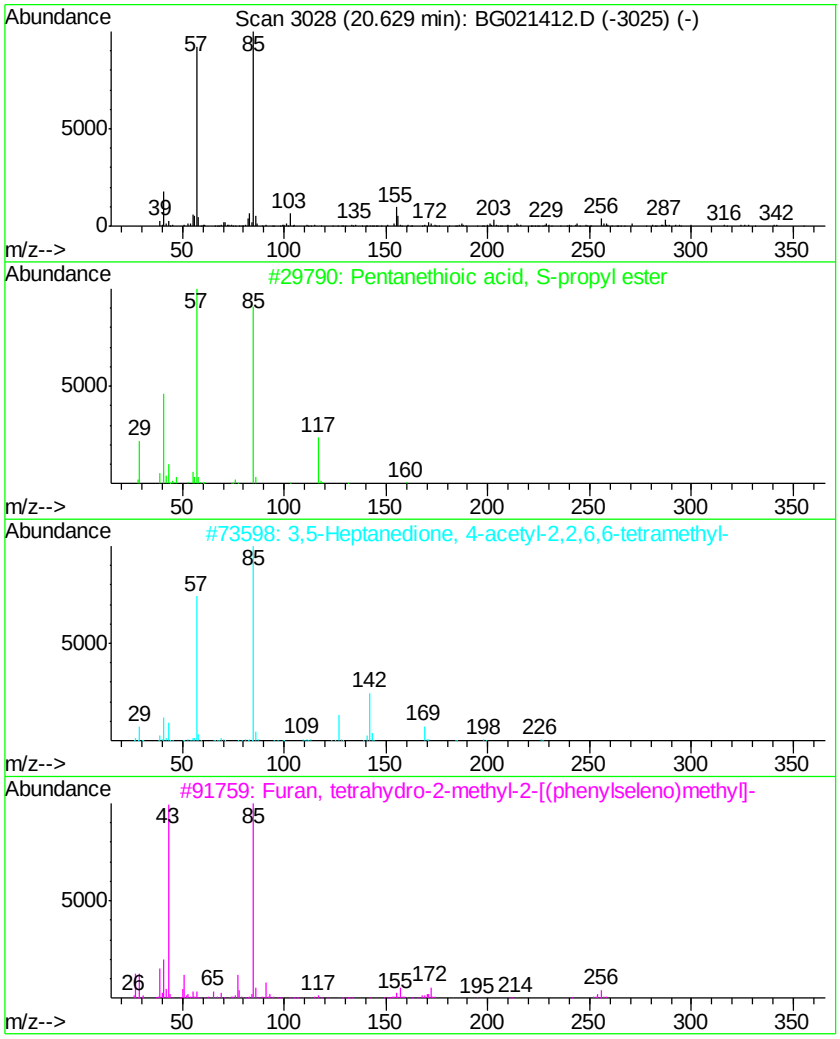
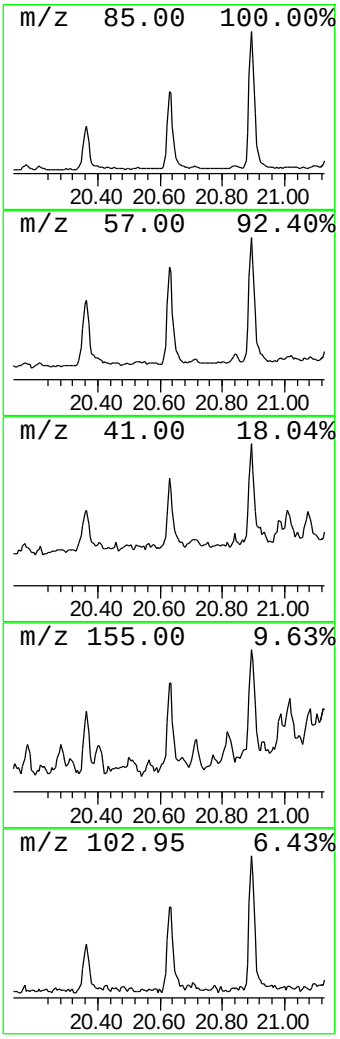
Peak Number 21 Pentanethioic acid, S-propy... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	6.20 ng/ul	203557	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanethioic acid, S-propyl ester	160	C8H16OS	002432-76-0	59
2	3,5-Heptanedione, 4-acetyl-2,2,6...	226	C13H22O3	1000161-42-4	59
3	Furan, tetrahydro-2-methyl-2-[(p...	256	C12H16OSe	114524-28-6	50
4	Ethyl 2-chloro-3,3,3-trifluoro-2...	289	C10H15ClF3NO3	329182-55-0	38
5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	38





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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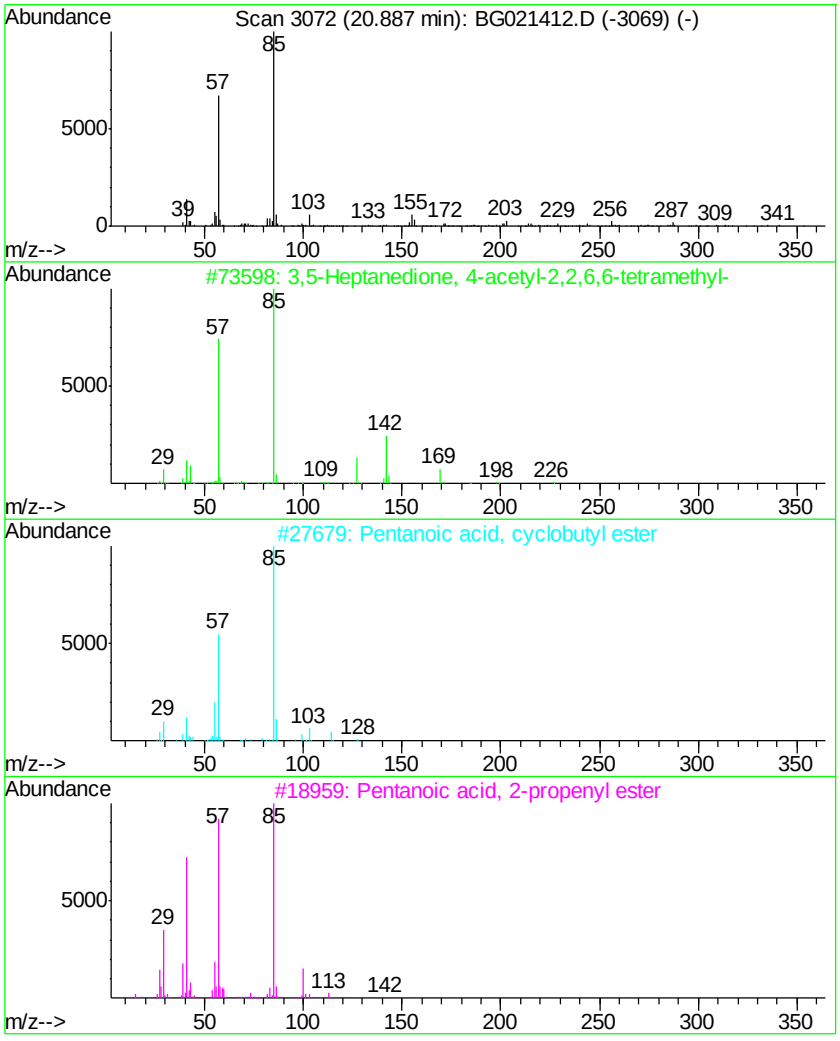
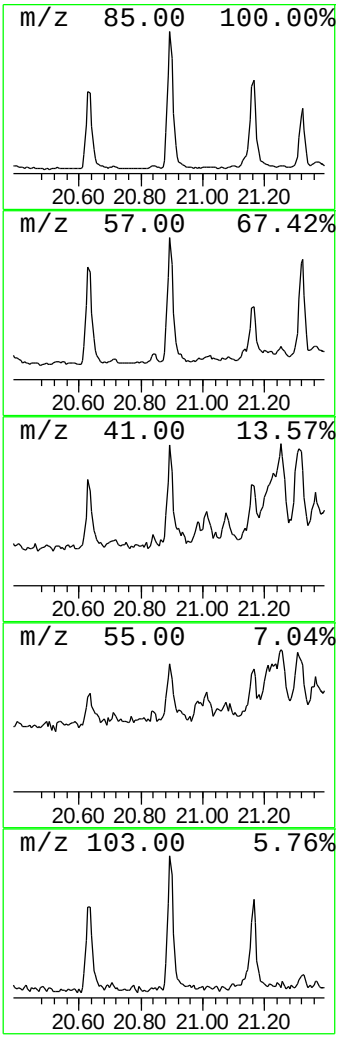
Peak Number 22 3,5-Heptanedione, 4-acetyl-... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	8.21 ng/ul	269329	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Heptanedione, 4-acetyl-2,2,6...	226	C13H22O3	1000161-42-4	50
2	Pentanoic acid, cyclobutyl ester	156	C9H16O2	1000282-85-7	39
3	Pentanoic acid, 2-propenyl ester	142	C8H14O2	006321-45-5	39
4	2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	38
5	Furan, tetrahydro-2-methyl-2-[(p...	256	C12H16OSe	114524-28-6	36





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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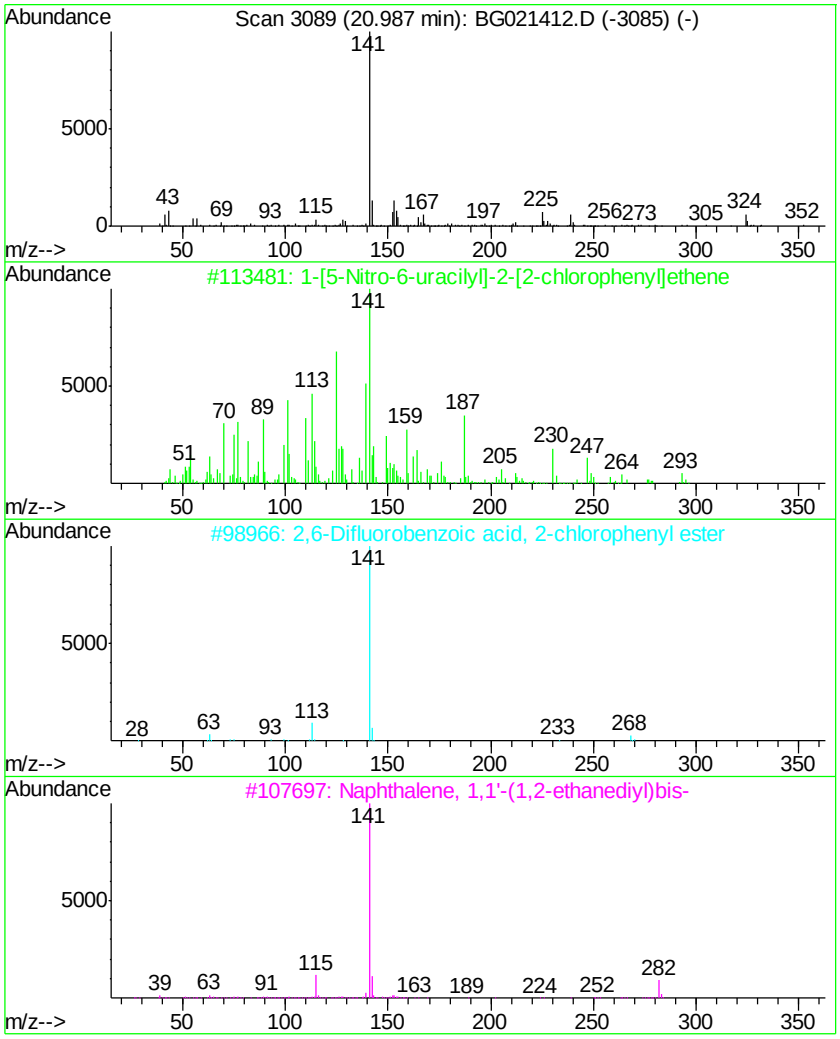
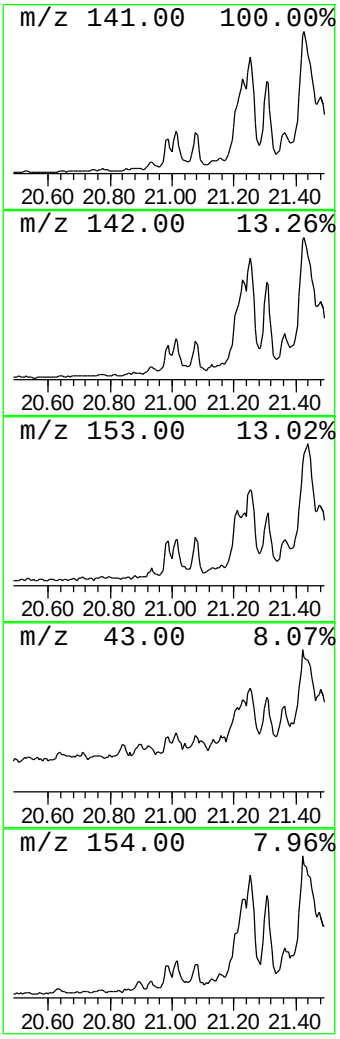
Peak Number 23 unknown-03 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.14 ng/ul	135823	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	47
2	2,6-Difluorobenzoic acid, 2-chlo...	268	C13H7ClF2O2	1000292-62-4	36
3	Naphthalene, 1,1'-(1,2-ethanediy...	282	C22H18	015374-45-5	36
4	4-(p-Chlorophenyl)-5,5-dimethyl-...	335	C18H22ClNO3	1000101-49-5	36
5	2,6-Difluorobenzoic acid, 3-meth...	226	C12H12F2O2	1000292-58-2	36





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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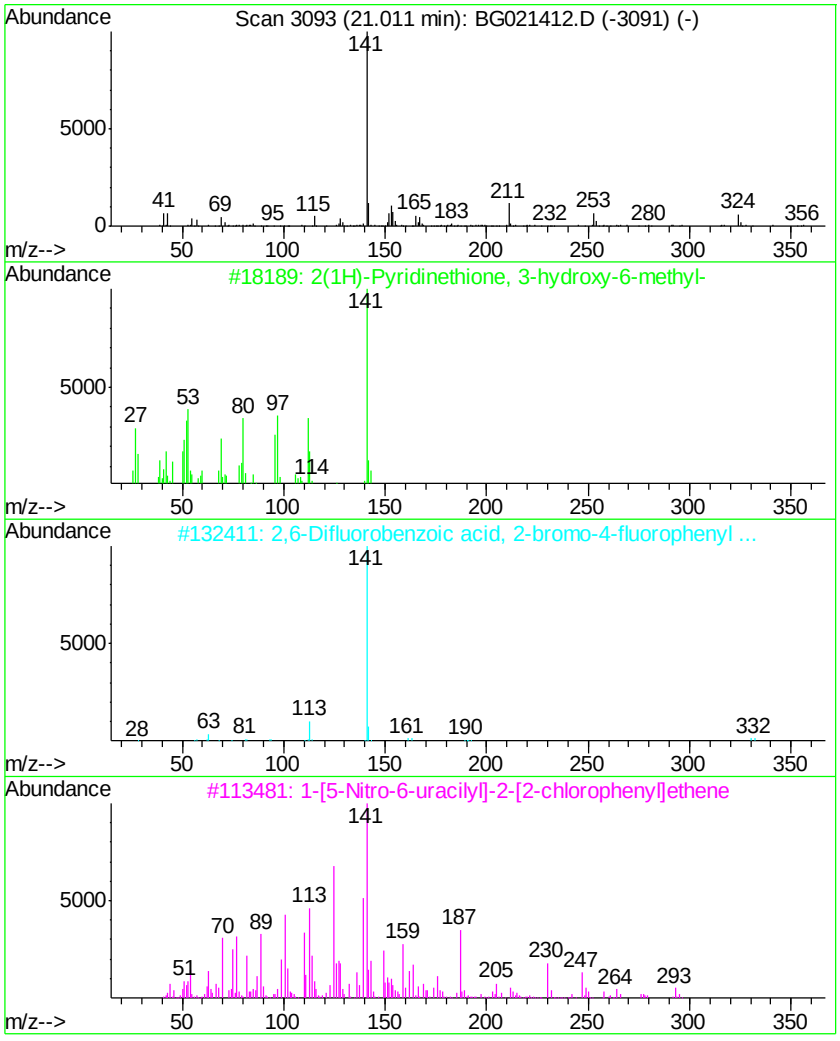
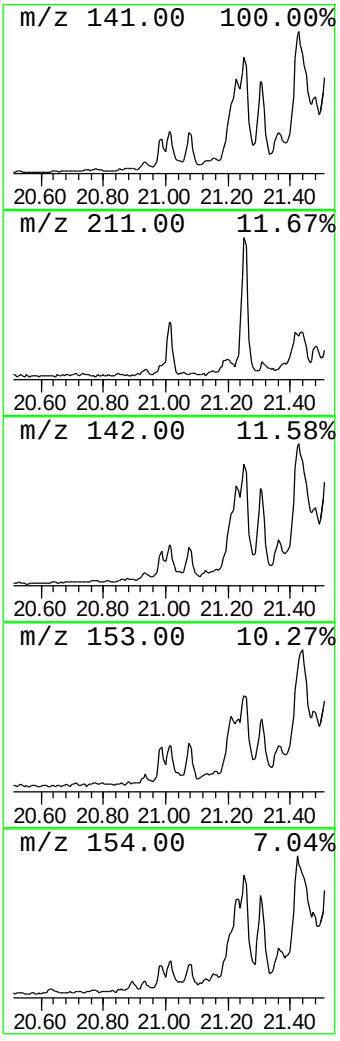
Peak Number 24 unknown-04 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	4.76 ng/ul	156258	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyridinethione, 3-hydroxy-...	141	C6H7NOS	022989-67-9	40
2	2,6-Difluorobenzoic acid, 2-brom...	330	C13H6BrF3O2	1000292-62-5	33
3	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	28
4	1-Naphthalenepropionic acid	200	C13H12O2	003243-42-3	17
5	2-Thiophenecarboxylic acid, 5-no...	254	C14H22O2S	059782-34-2	10





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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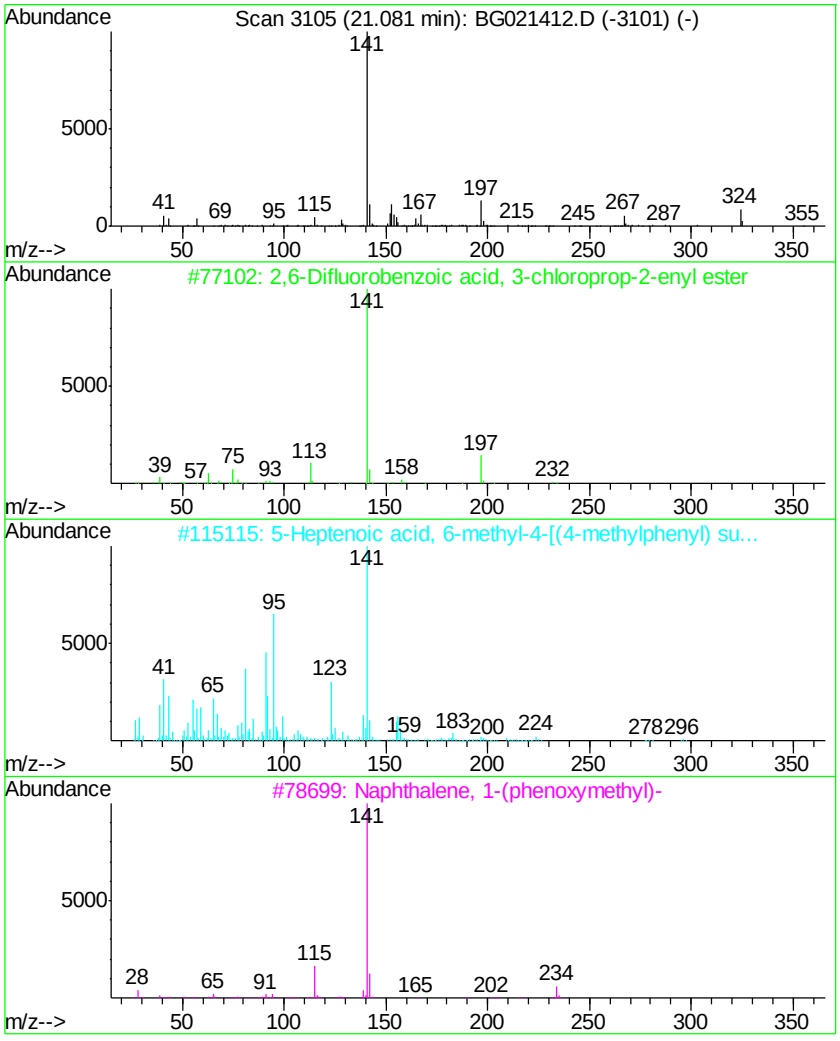
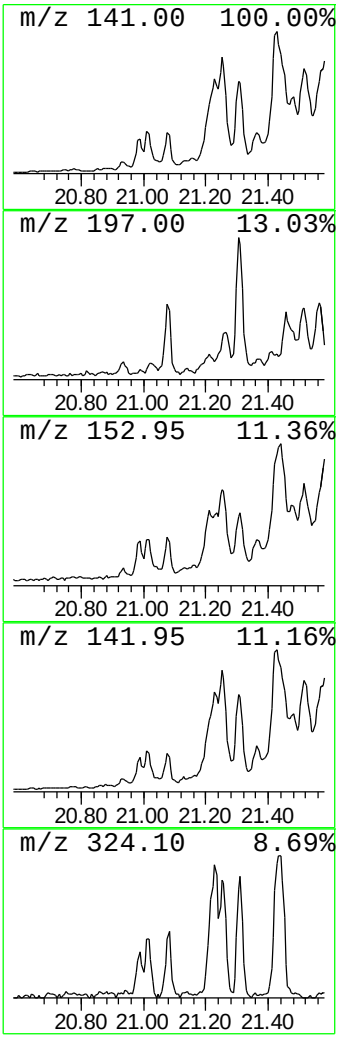
Peak Number 25 unknown-05 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	4.16 ng/ul	136622	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Difluorobenzoic acid, 3-chlo...	232	C10H7ClF2O2	1000292-59-0	39
2	5-Heptenoic acid, 6-methyl-4-[(4...	296	C15H20O4S	1000197-03-3	36
3	Naphthalene, 1-(phenoxymethyl)-	234	C17H14O	006245-96-1	33
4	Naphthalene, 2-pyrrolidino-	197	C14H15N	013672-14-5	10
5	2-Furanpropanoic acid, tetrahydr...	298	C18H18O4	055760-28-6	9





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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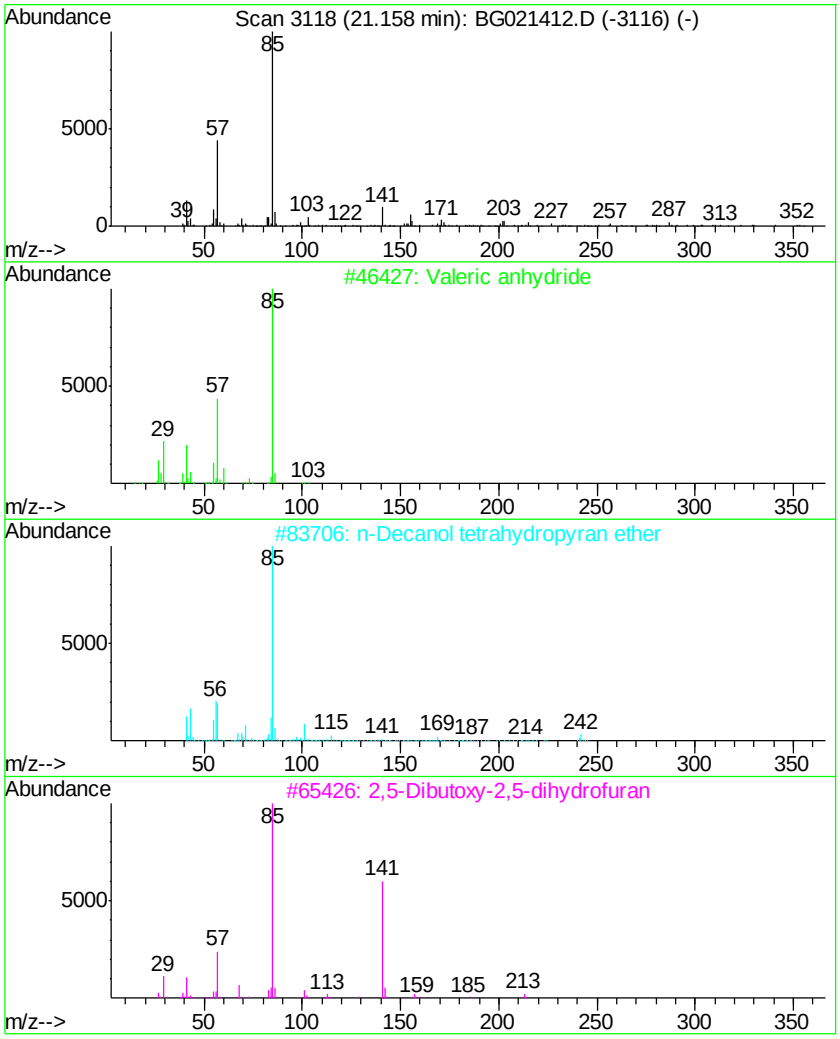
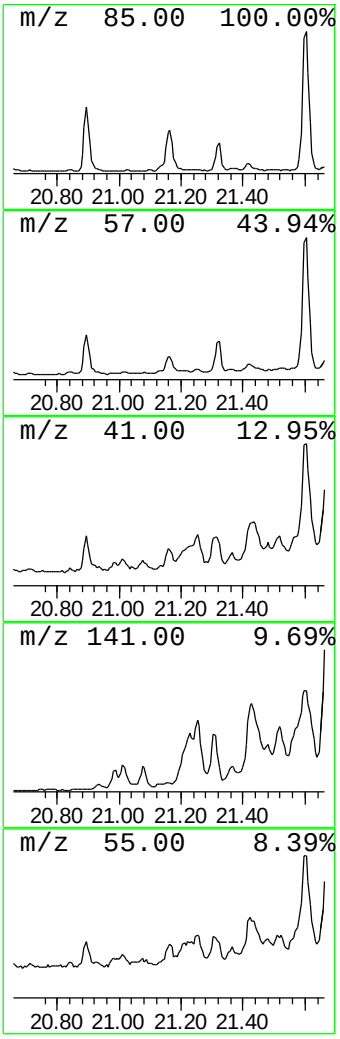
Peak Number 26 Valeric anhydride Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	3.43 ng/ul	112697	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valeric anhydride	186	C10H18O3	002082-59-9	53
2	n-Decanol tetrahydropyran ether	242	C15H30O2	110477-35-5	42
3	2,5-Dibutoxy-2,5-dihydrofuran	214	C12H22O3	020295-23-2	42
4	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	42
5	Pentanoic acid, cyclobutyl ester	156	C9H16O2	1000282-85-7	42





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Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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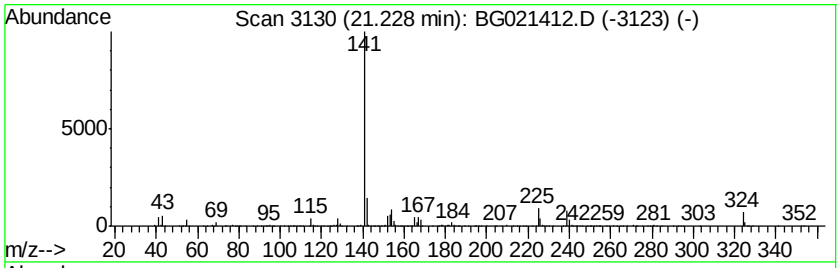
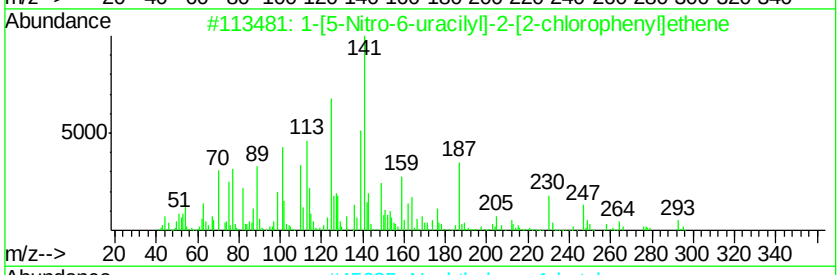
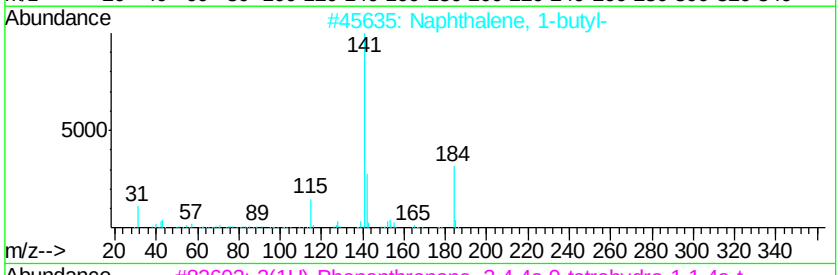
Peak Number 27 unknown-06 Concentration Rank 41

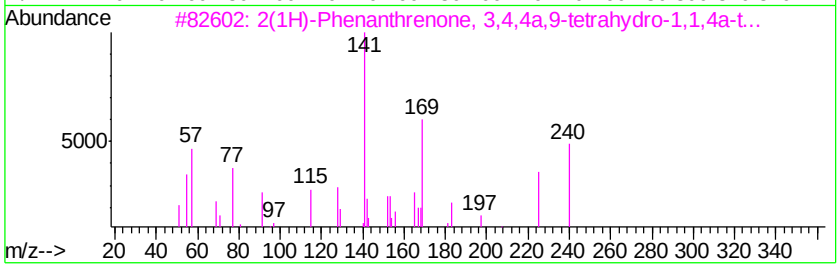
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	14.79 ng/ul	485407	Chrysene-d12	21.74

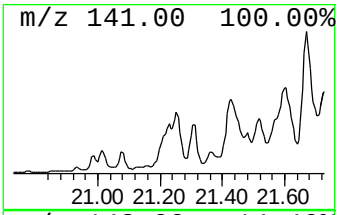
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	28
2	Naphthalene, 1-butyl-	184	C14H16	001634-09-9	28
3	2(1H)-Phenanthrenone, 3,4,4a,9-t...	240	C17H20O	053603-15-9	10
4	2,6-Difluorobenzoic acid, 3-meth...	226	C12H12F2O2	1000292-58-2	9
5	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	9

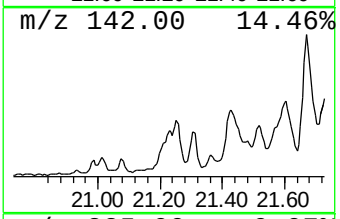


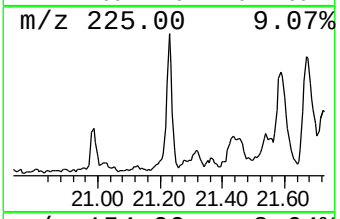


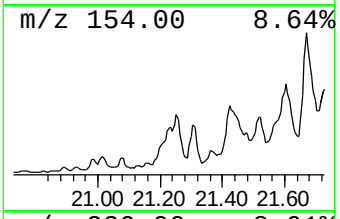


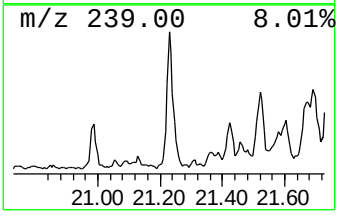












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Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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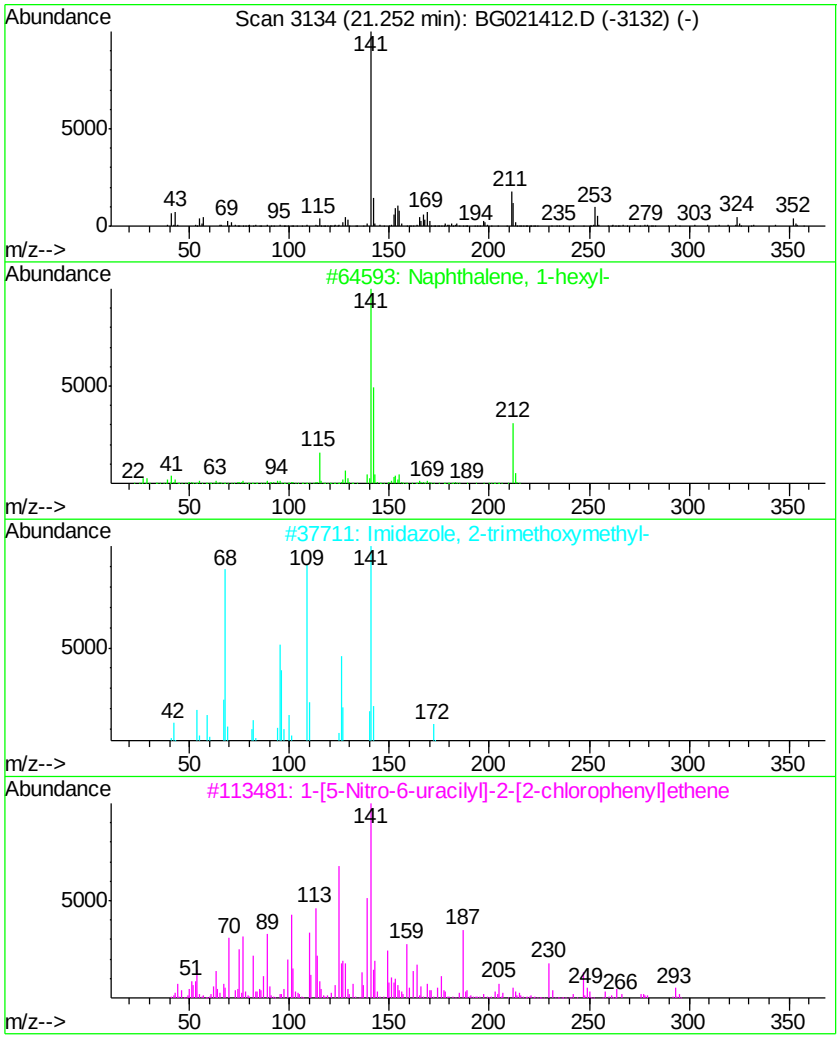
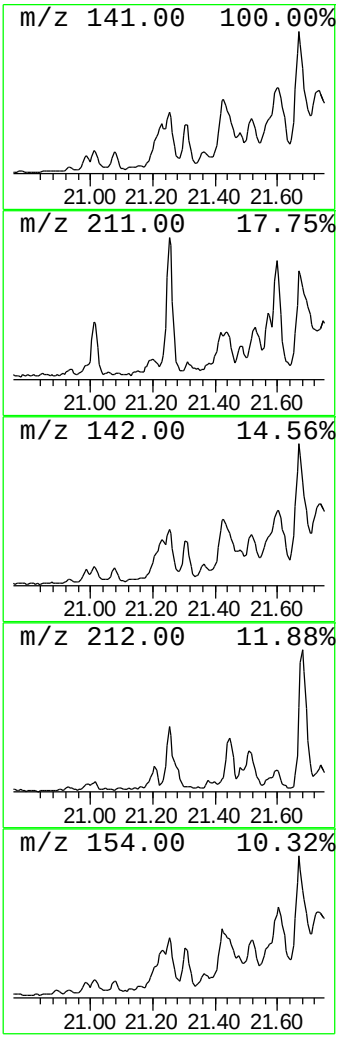
Peak Number 28 unknown-07 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	12.35 ng/ul	405373	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-hexyl-	212	C16H20	002876-53-1	47
2	Imidazole, 2-trimethoxymethyl-	172	C7H12N2O3	070631-96-8	46
3	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	43
4	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	37
5	2-Naphthaleneethanol	172	C12H12O	001485-07-0	28





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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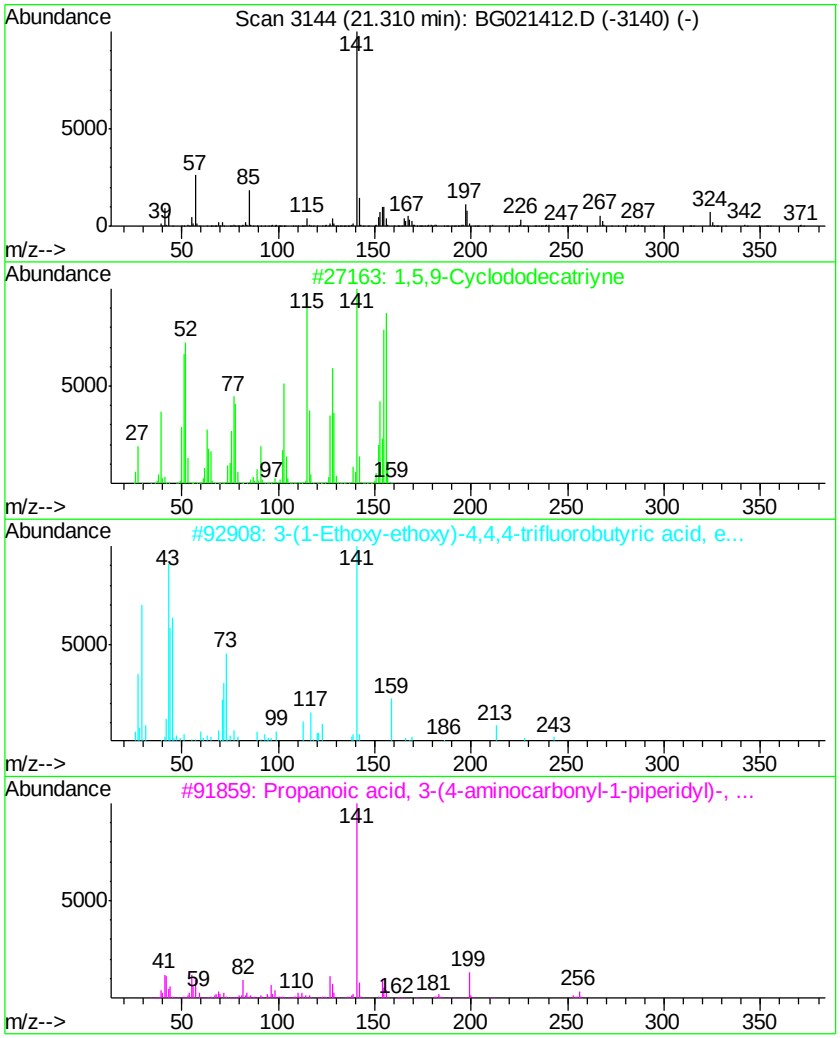
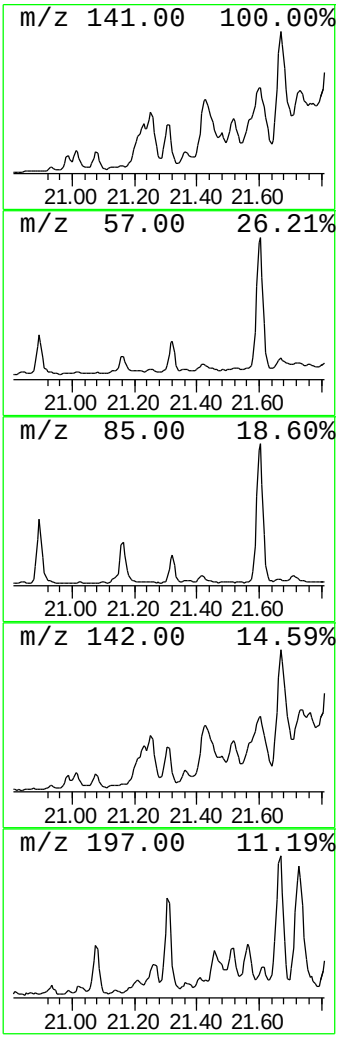
Peak Number 29 unknown-08 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	15.20 ng/ul	498904	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Cyclododecatriyne	156	C12H12	060323-50-4	47
2	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	43
3	Propanoic acid, 3-(4-aminocarbon...	256	C13H24N2O3	1000272-05-7	38
4	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	25
5	2,6-Difluorobenzoic acid, 3-meth...	226	C12H12F2O2	1000292-58-2	9





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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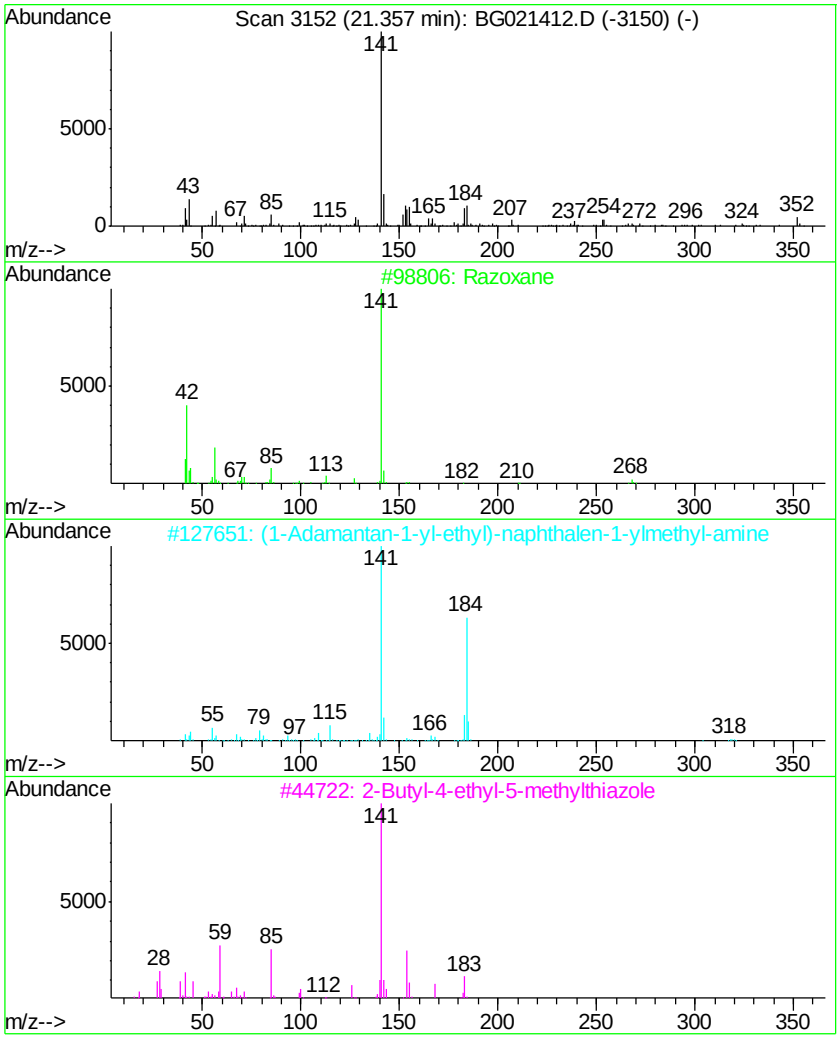
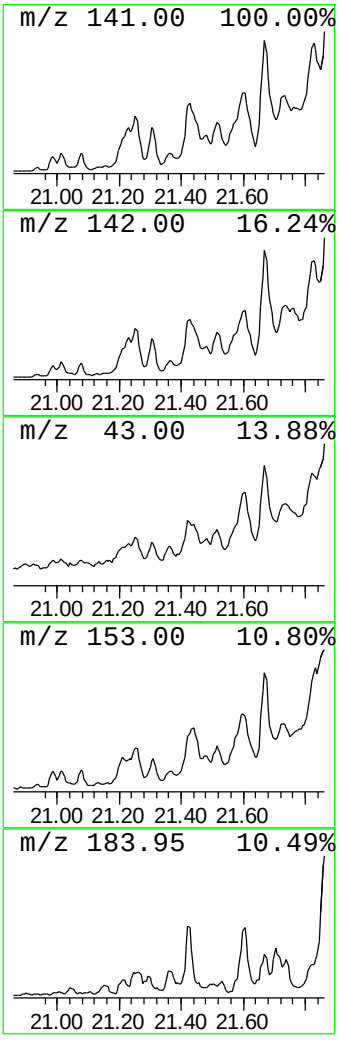
Peak Number 30 unknown-09 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.19 ng/ul	137560	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Razoxane	268	C11H16N4O4	021416-87-5	43
2	(1-Adamantan-1-yl-ethyl)-naphtha...	319	C23H29N	1000296-16-9	40
3	2-Butyl-4-ethyl-5-methylthiazole	183	C10H17NS	052414-88-7	36
4	1-Azuleneethanol, acetate	214	C14H14O2	026154-65-4	28
5	2,6-Difluorobenzoic acid, tridec...	336	C20H26F2O2	1000292-58-9	25





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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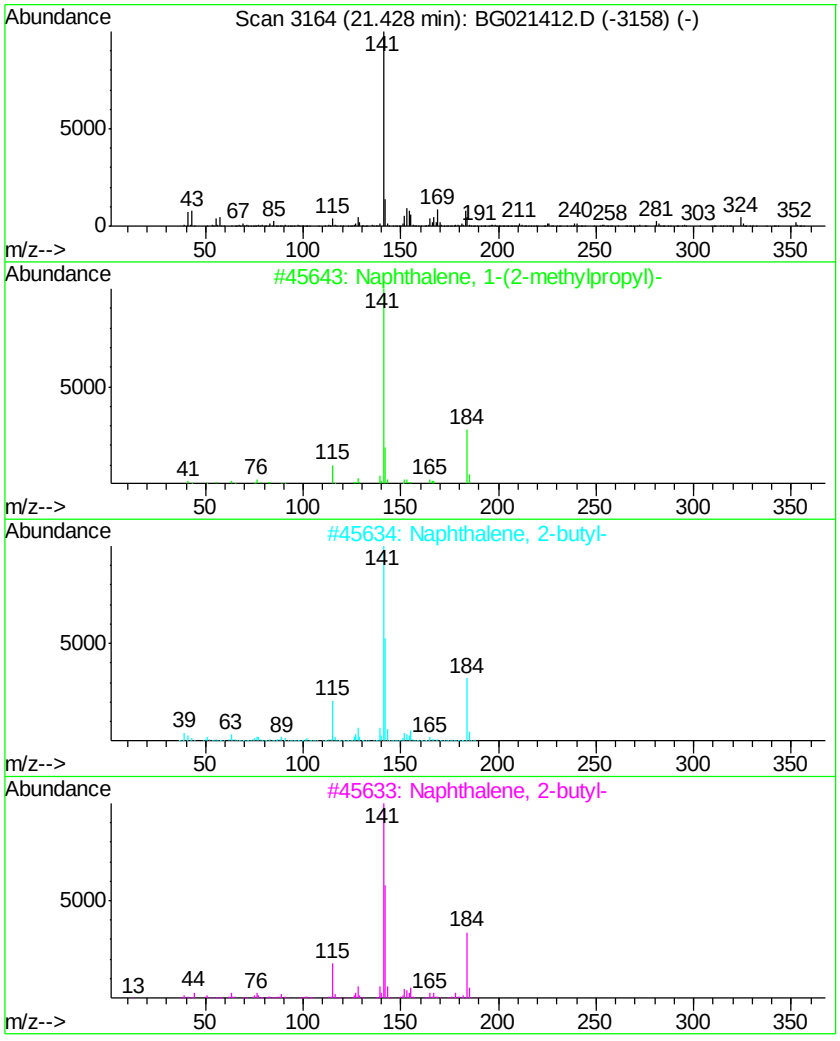
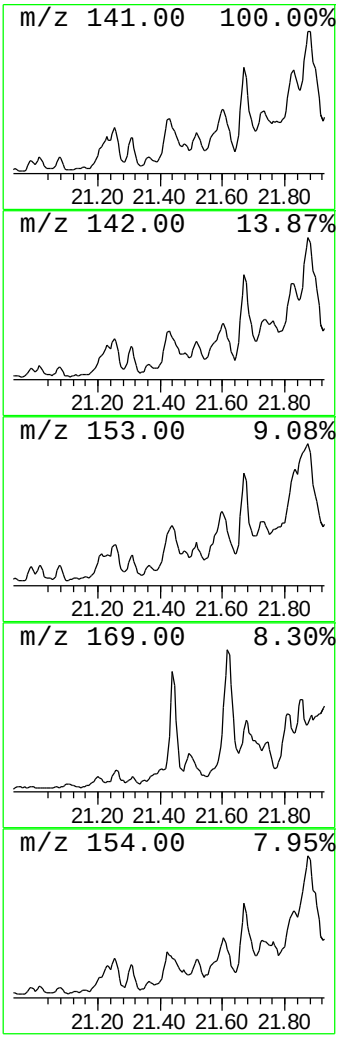
Peak Number 31 Naphthalene, 1-(2-methylpro... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	36.69 ng/ul	1204050	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	64
2	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	53
3	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	53
4	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	53
5	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	53





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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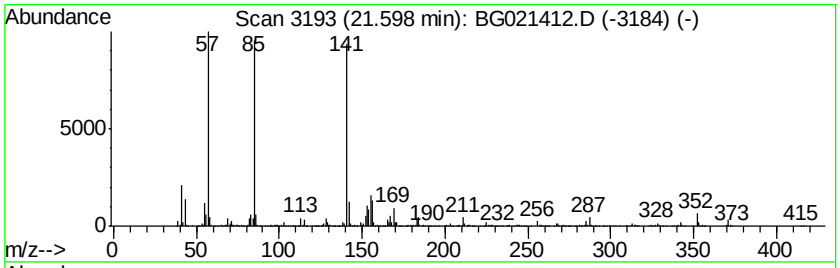
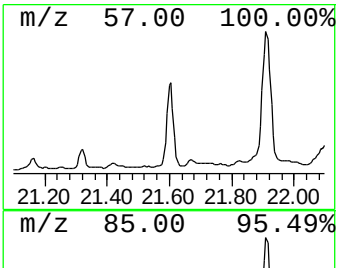
Peak Number 33 unknown-10 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	66.85 ng/ul	2193380	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, bis(2-methylpropyl)...	184	C11H24N2	052835-12-8	42
2	2,6-Difluorobutyrophenone	184	C10H10F2O	095727-77-8	35
3	Thiazole, 2,4-dipropyl-	169	C9H15NS	041981-74-2	35
4	Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	27
5	1,5,9-Cyclododecatriyne	156	C12H12	060323-50-4	27





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Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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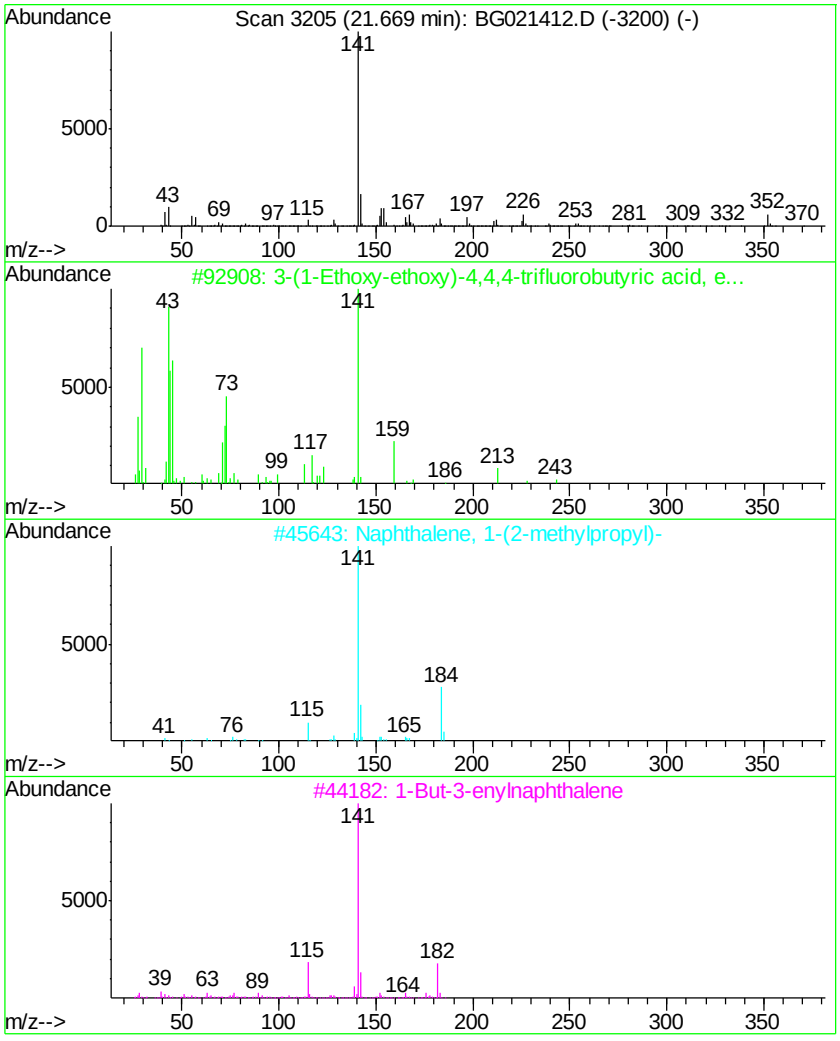
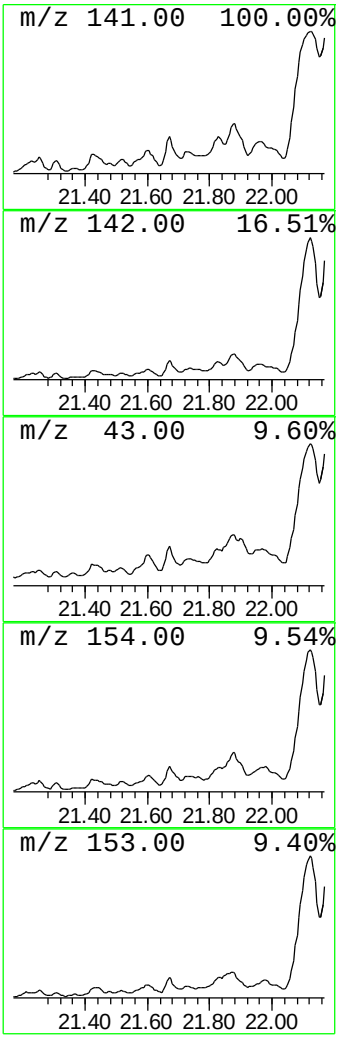
Peak Number 34 unknown-11 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	47.17 ng/ul	1547760	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	47
2	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	36
3	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	36
4	Naphthalene, 1-pentadecyl-	338	C25H38	055191-63-4	12
5	1,5-Dioxaspiro[5.5]undecan-9-one...	198	C11H18O3	069225-59-8	10





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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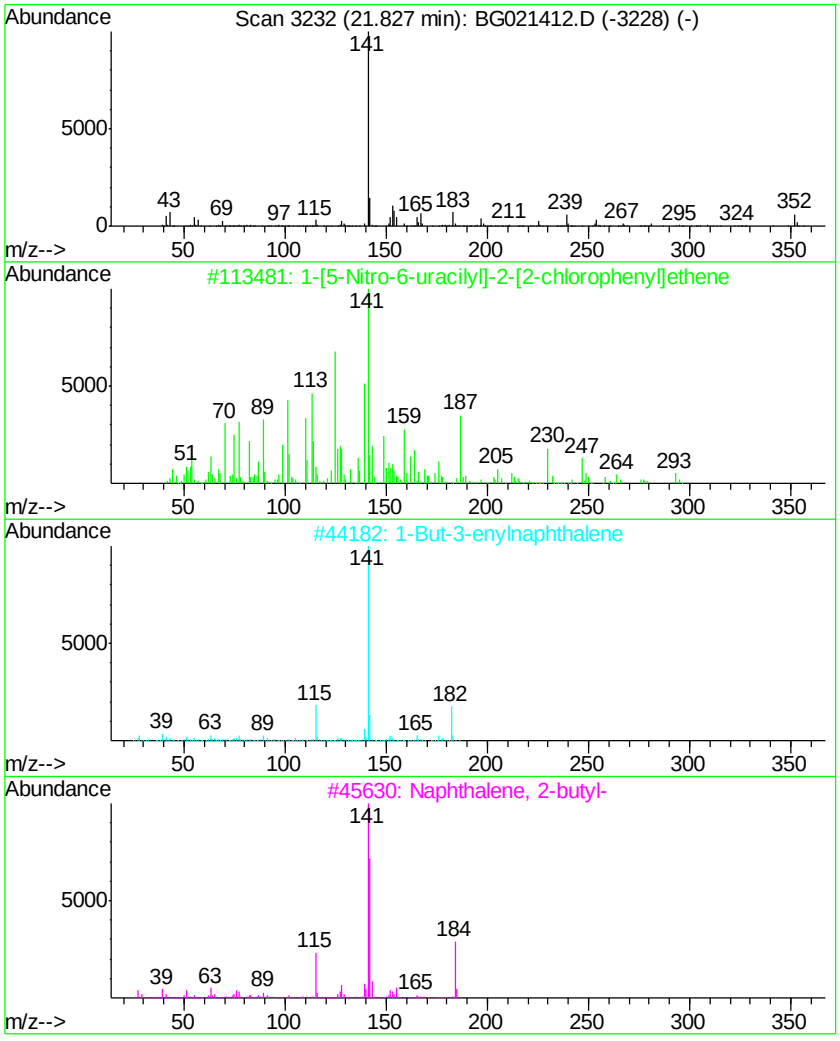
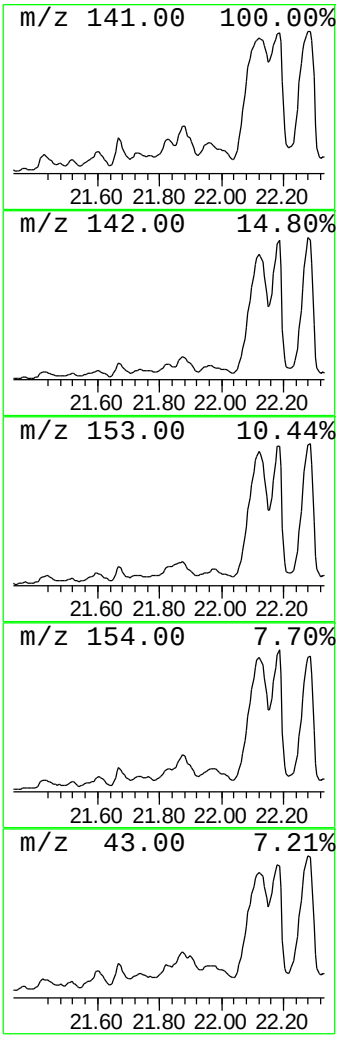
Peak Number 35 unknown-12 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	18.39 ng/ul	603294	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	28
2	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	9
3	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	9
4	2-Furanpropanoic acid, tetrahydr...	298	C18H18O4	055760-28-6	9
5	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	9





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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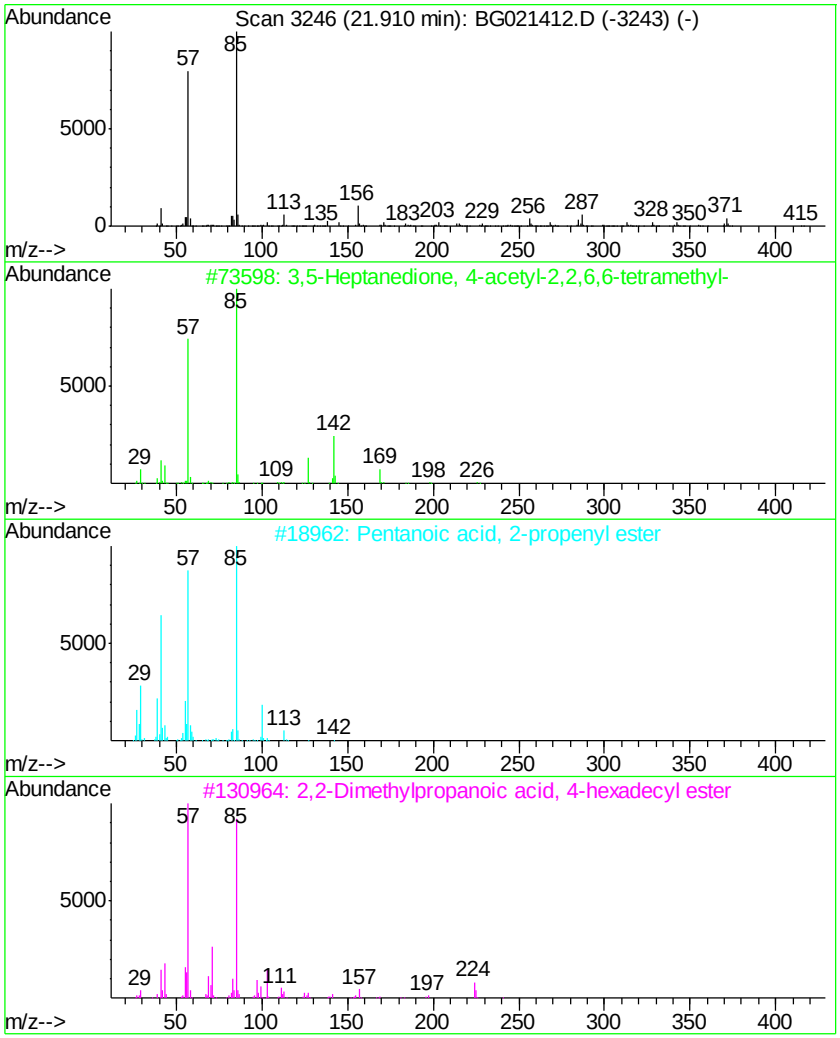
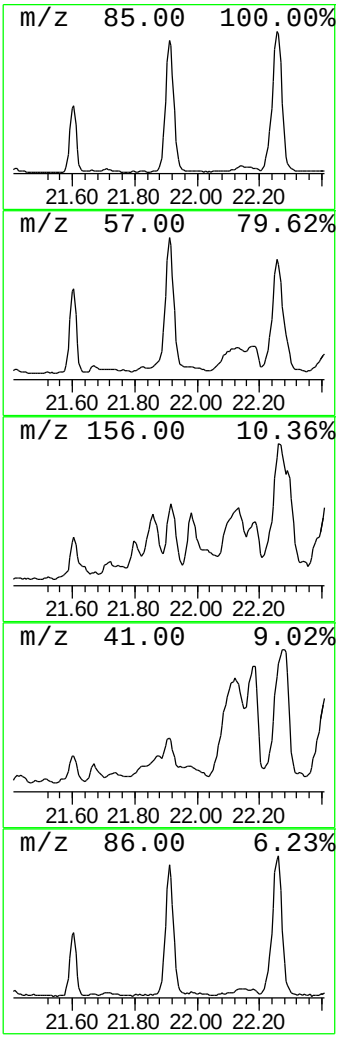
Peak Number 36 unknown-13 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	47.88 ng/ul	1571030	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Heptanedione, 4-acetyl-2,2,6...	226	C13H22O3	1000161-42-4	45
2	Pentanoic acid, 2-propenyl ester	142	C8H14O2	006321-45-5	45
3	2,2-Dimethylpropanoic acid, 4-he...	326	C21H42O2	1000282-85-5	38
4	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	38
5	trans-2-Hexenyl valerate	184	C11H20O2	056922-74-8	38





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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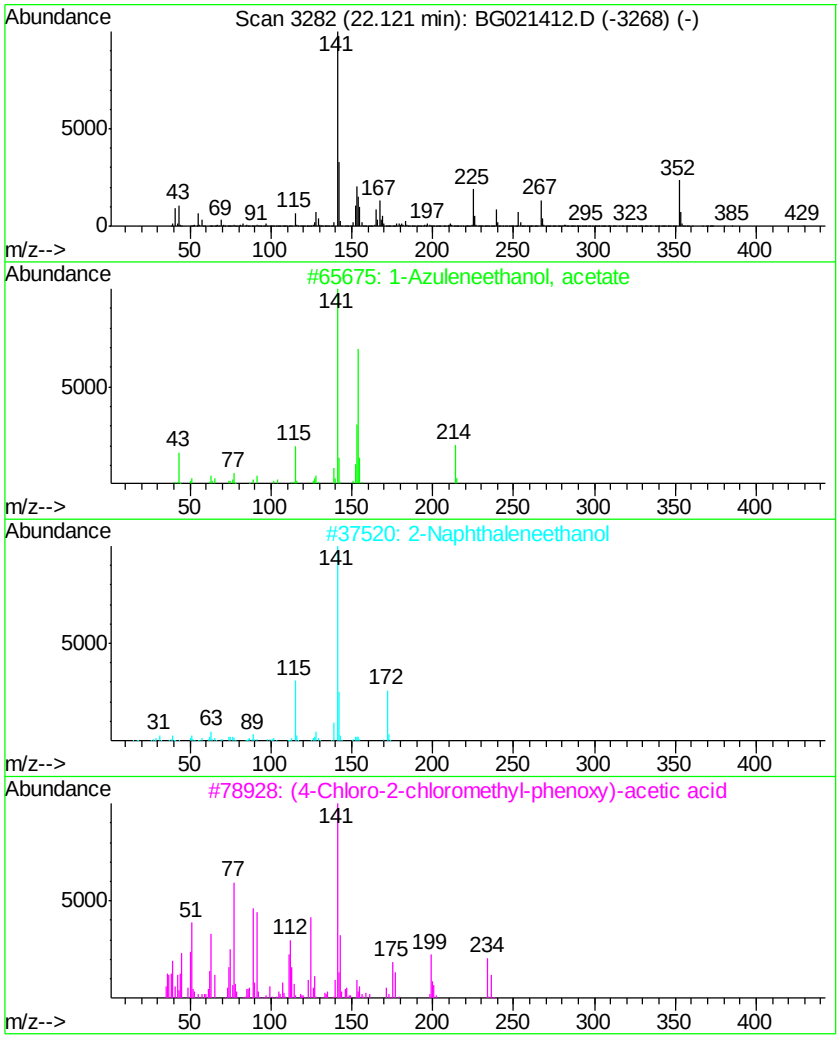
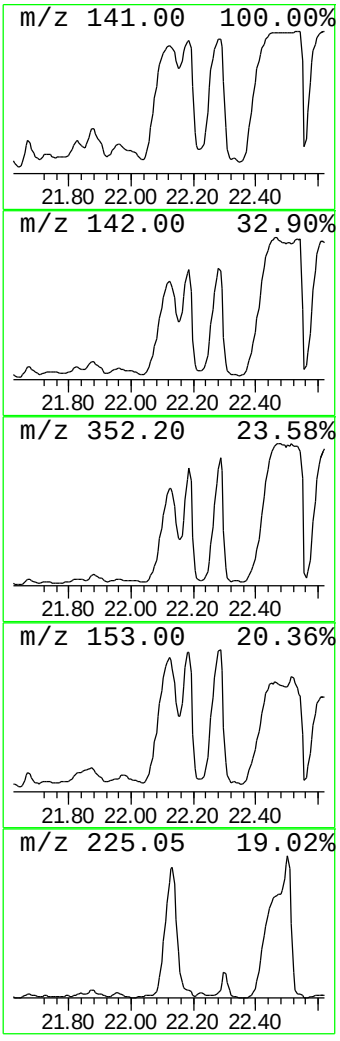
Peak Number 37 unknown-14 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	698.70 ng/ul	22926300	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Azuleneethanol, acetate	214	C14H14O2	026154-65-4	47
2	2-Naphthaleneethanol	172	C12H12O	001485-07-0	32
3	(4-Chloro-2-chloromethyl-phenoxy...	234	C9H8Cl2O3	004286-99-1	27
4	Naphthalene, 1-butyl-	184	C14H16	001634-09-9	25
5	2-Naphthaleneethanol	172	C12H12O	001485-07-0	25





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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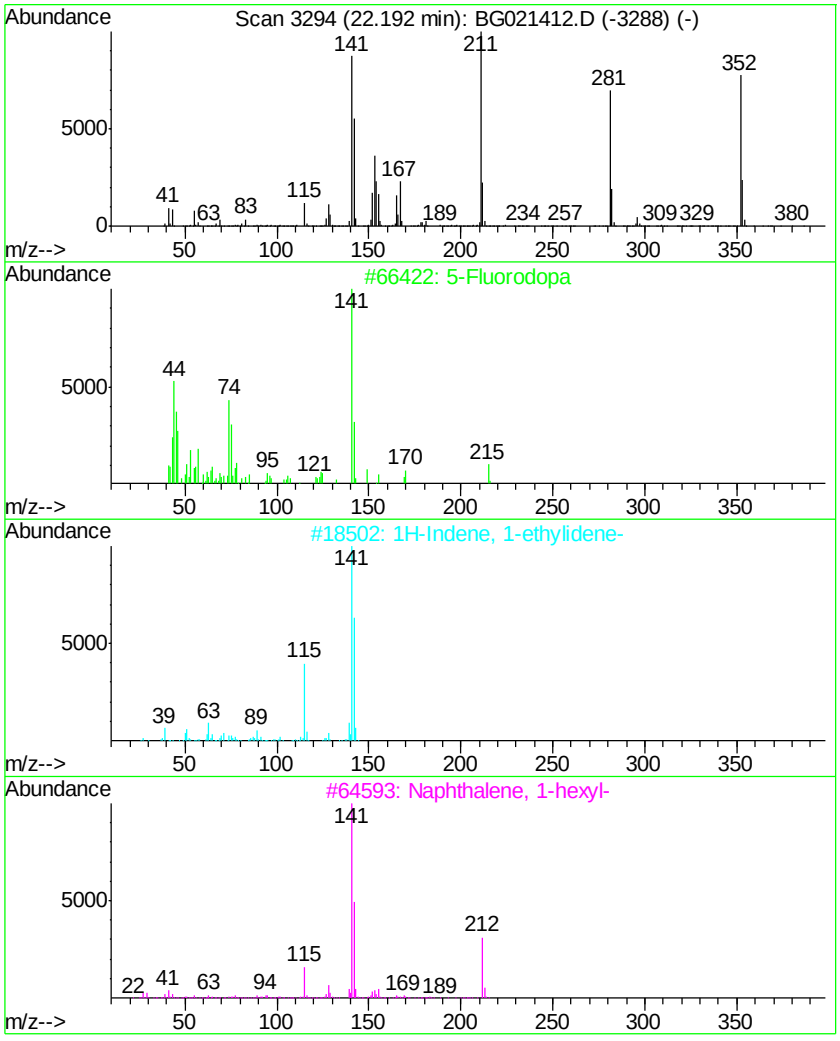
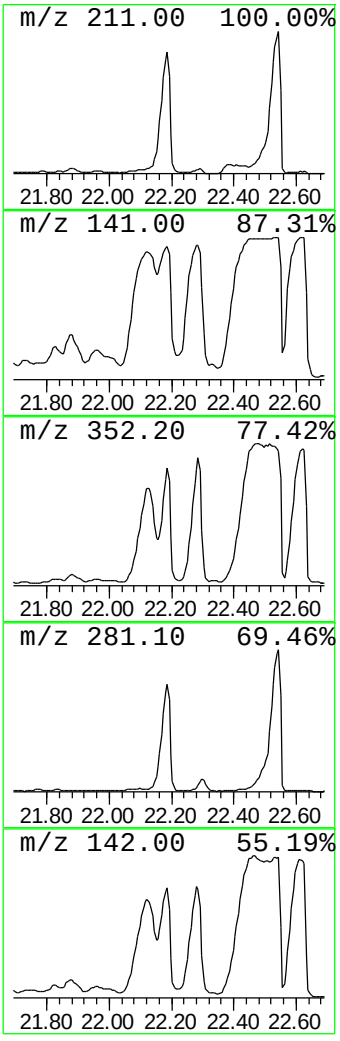
Peak Number 38 unknown-15 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	369.19 ng/ul	12114200	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluorodopa	215	C9H10FNO4	076936-91-9	14
2	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	14
3	Naphthalene, 1-hexyl-	212	C16H20	002876-53-1	14
4	Naphthalene, 2-hexyl-	212	C16H20	002876-46-2	12
5	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	10





Library Search Compound Report

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Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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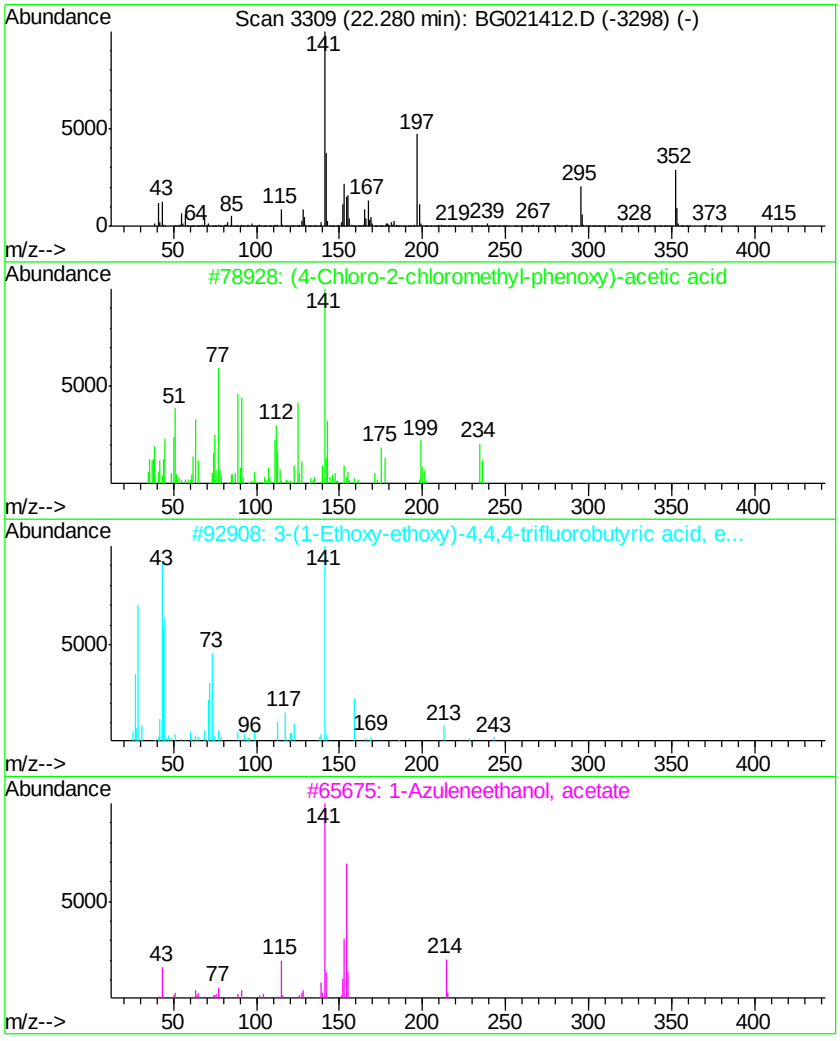
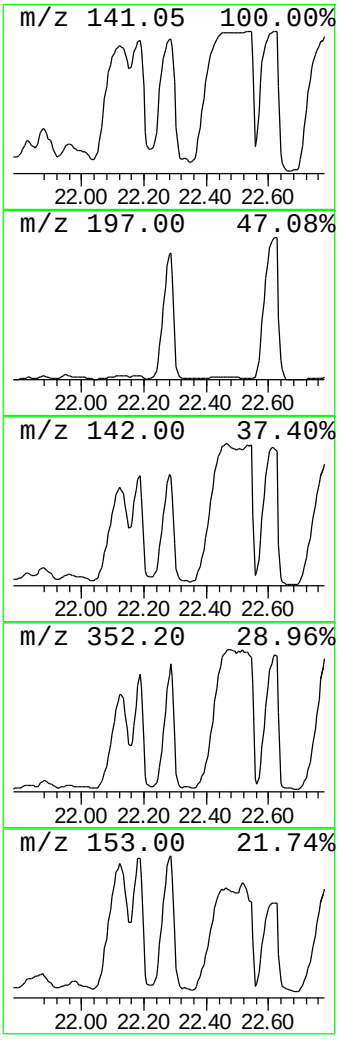
Peak Number 39 unknown-16 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	581.77 ng/ul	19089500	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Chloro-2-chloromethyl-phenoxy...	234	C9H8Cl2O3	004286-99-1	25
2	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	22
3	1-Azuleneethanol, acetate	214	C14H14O2	026154-65-4	17
4	1-Pent-4-enylnaphthalene	196	C15H16	093359-74-1	17
5	1-Naphthaleneethanol	172	C12H12O	000773-99-9	17





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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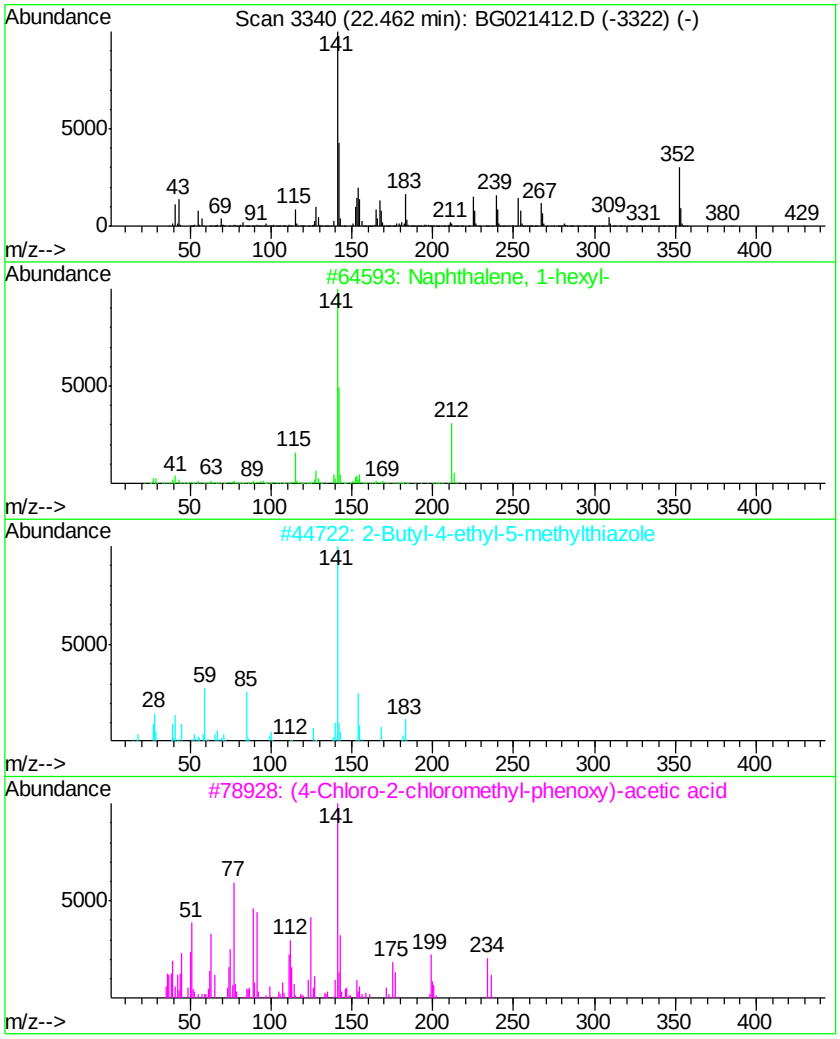
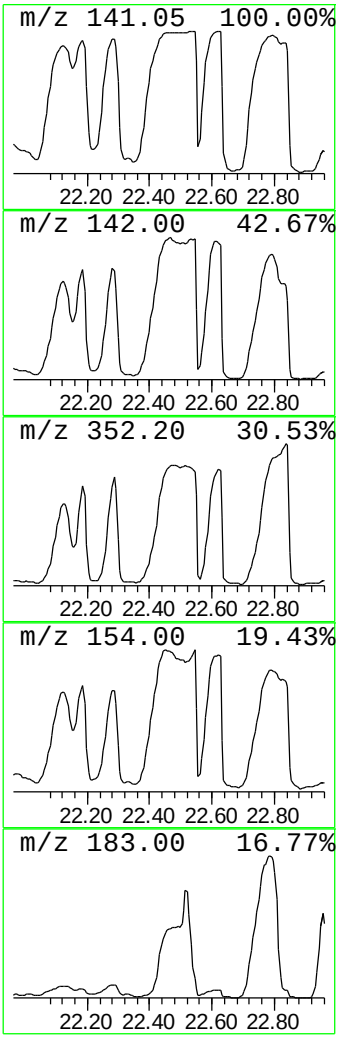
Peak Number 40 unknown-17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	1312.81 ng/ul	43076800	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-hexyl-	212	C16H20	002876-53-1	47
2	2-Butyl-4-ethyl-5-methylthiazole	183	C10H17NS	052414-88-7	38
3	(4-Chloro-2-chloromethyl-phenoxy...	234	C9H8Cl2O3	004286-99-1	30
4	2-Amino-3-naphthalen-2-ylpropion...	215	C13H13NO2	099631-78-4	28
5	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	27





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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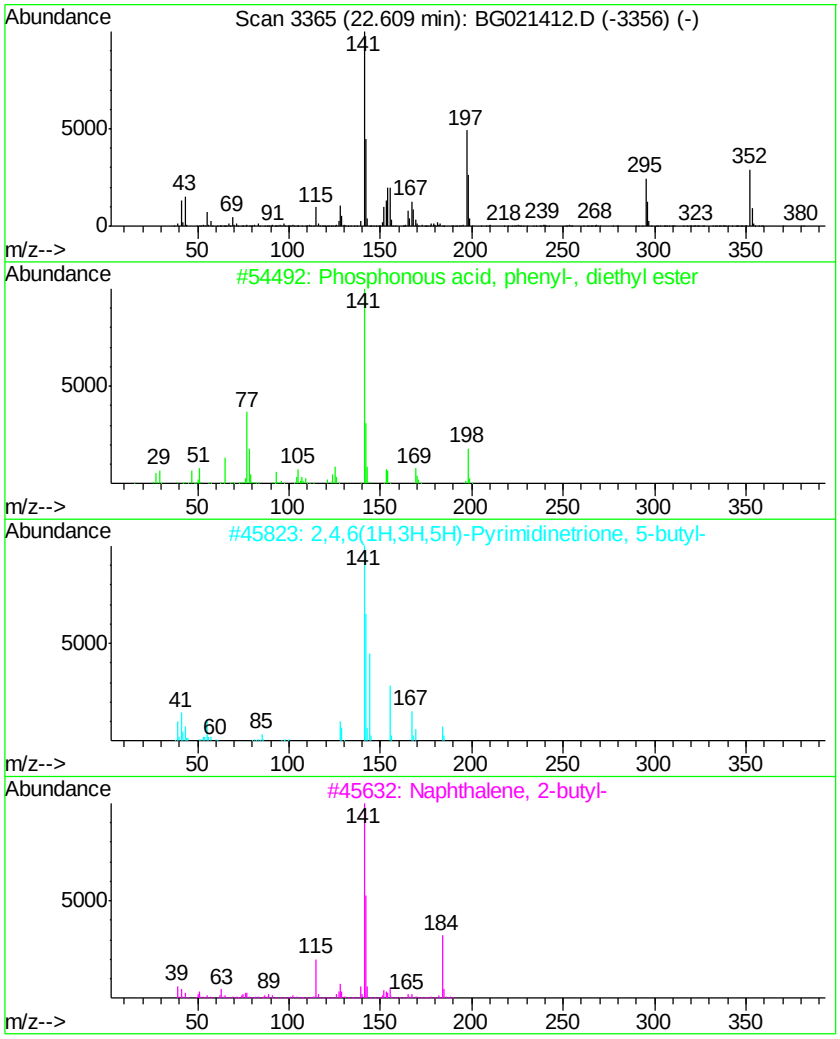
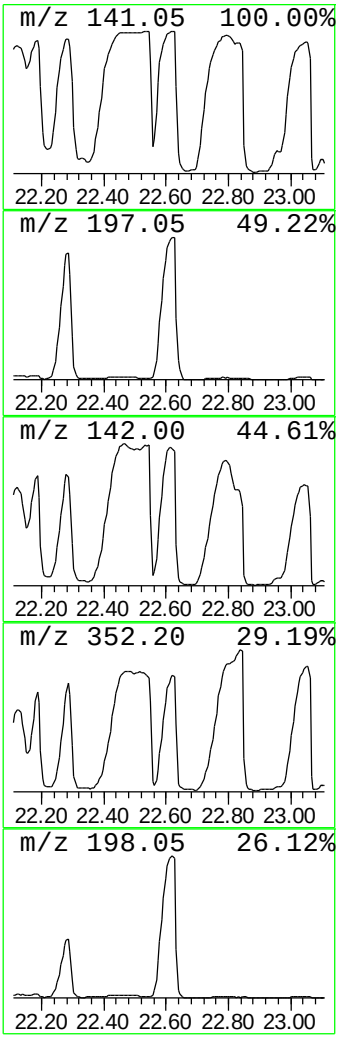
Peak Number 41 unknown-18 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	807.54 ng/ul	26497500	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonous acid, phenyl-, dieth...	198	C10H15O2P	001638-86-4	32
2	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	001953-33-9	32
3	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	17
4	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	17
5	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	14





Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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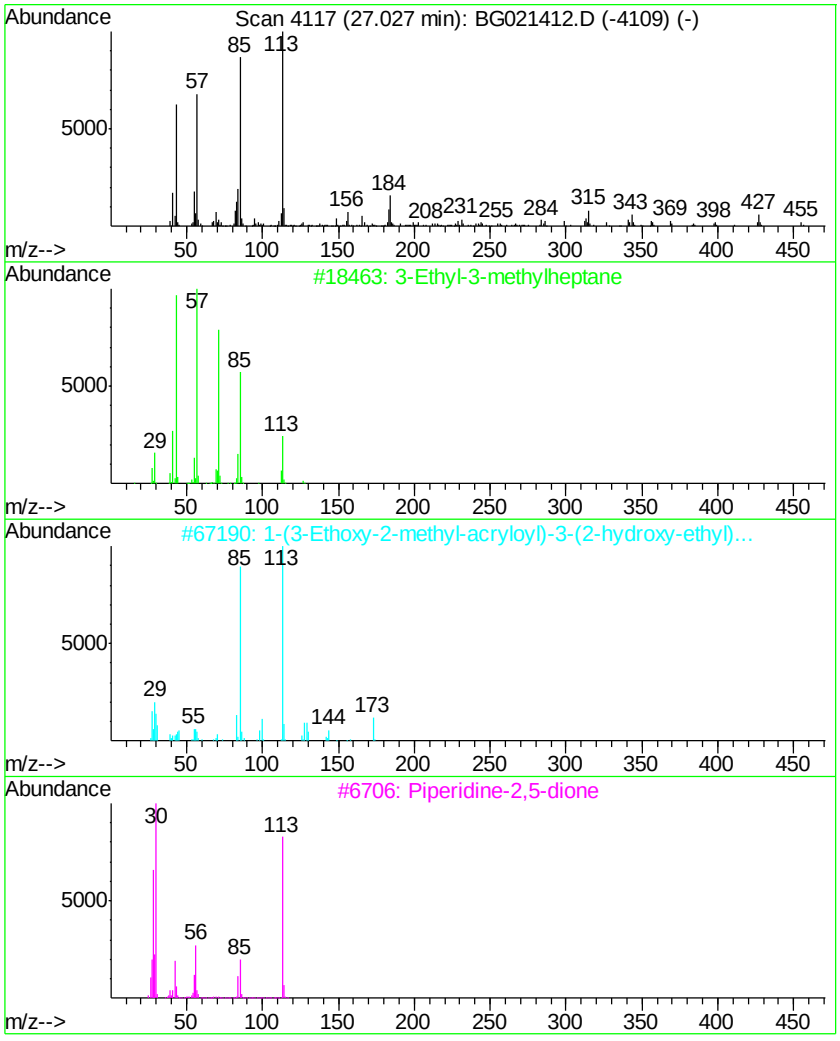
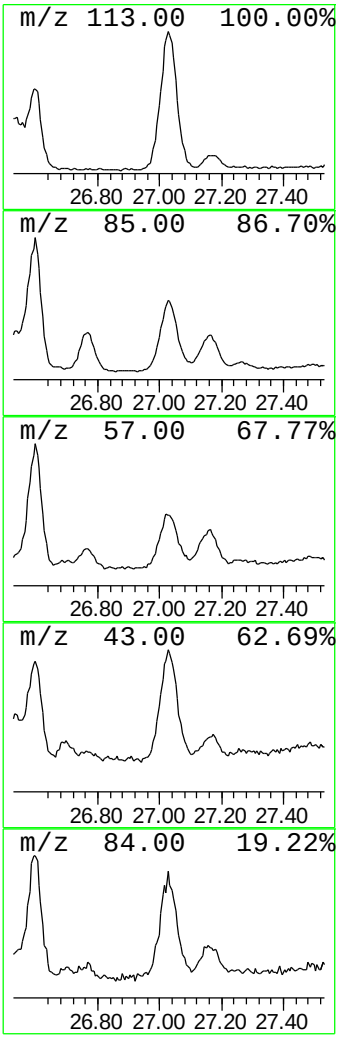
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.03	107.42 ng/ul	642403	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	72
2	1-(3-Ethoxy-2-methyl-acryloyl)-3...	216	C9H16N2O4	1000188-24-4	59
3	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	47
4	2-Allylpent-4-enoic acid, methyl...	154	C9H14O2	054385-33-0	42
5	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	38





Tentatively Identified Compound (LSC) summary

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021412.D
Acq On : 10 Mar 2016 17:35
Operator : UM/SJ
Sample : H1616-04DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BLDG06-P001-SS001-02DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptanoic acid	8.77	46.6	ng/ul	196013	1	8.13	84146	20.0
Octanoic Acid	10.28	19.2	ng/ul	130571	2	10.93	135770	20.0
n-Decanoic acid	13.04	22.6	ng/ul	245599	3	14.74	217004	20.0
(DEL) Alkane: Str...	14.68	5.7	ng/ul	62037	3	14.74	217004	20.0
(DEL) Alkane: Str...	14.86	4.9	ng/ul	53286	3	14.74	217004	20.0
(DEL) Alkane: Str...	14.94	6.2	ng/ul	66707	3	14.74	217004	20.0
(DEL) Alkane: Str...	15.05	39.2	ng/ul	425127	3	14.74	217004	20.0
(DEL) Alkane: Str...	15.10	14.9	ng/ul	161621	3	14.74	217004	20.0
(DEL) Alkane: Str...	15.16	10.4	ng/ul	113367	3	14.74	217004	20.0
(DEL) Alkane: Str...	15.22	10.5	ng/ul	113741	3	14.74	217004	20.0
(DEL) Alkane: Str...	15.29	14.1	ng/ul	153185	3	14.74	217004	20.0
(DEL) Alkane: Str...	15.55	24.0	ng/ul	260436	3	14.74	217004	20.0
2-Naphthyl methyl...	15.99	16.3	ng/ul	176851	3	14.74	217004	20.0
unknown-01	16.44	10.5	ng/ul	123131	4	17.47	234774	20.0
(DEL) Alkane: Str...	17.25	4.7	ng/ul	55462	4	17.47	234774	20.0
2-Naphthylpropion...	18.18	5.3	ng/ul	62019	4	17.47	234774	20.0
(DEL) Alkane: Str...	19.25	3.8	ng/ul	44430	4	17.47	234774	20.0
Ethyldiphenylphos...	19.28	50.8	ng/ul	596015	4	17.47	234774	20.0
unknown-02	19.96	6.2	ng/ul	204480	5	21.74	656252	20.0
Pentanoic acid, 2...	20.36	4.2	ng/ul	136069	5	21.74	656252	20.0
Pentanethioic aci...	20.63	6.2	ng/ul	203557	5	21.74	656252	20.0
3,5-Heptanedione,...	20.89	8.2	ng/ul	269329	5	21.74	656252	20.0
unknown-03	20.99	4.1	ng/ul	135823	5	21.74	656252	20.0
unknown-04	21.01	4.8	ng/ul	156258	5	21.74	656252	20.0
unknown-05	21.08	4.2	ng/ul	136622	5	21.74	656252	20.0
Valeric anhydride	21.16	3.4	ng/ul	112697	5	21.74	656252	20.0
unknown-06	21.23	14.8	ng/ul	485407	5	21.74	656252	20.0
unknown-07	21.25	12.4	ng/ul	405373	5	21.74	656252	20.0
unknown-08	21.31	15.2	ng/ul	498904	5	21.74	656252	20.0
unknown-09	21.36	4.2	ng/ul	137560	5	21.74	656252	20.0
Naphthalene, 1-(2...	21.43	36.7	ng/ul	1204050	5	21.74	656252	20.0
unknown-10	21.60	66.8	ng/ul	2193380	5	21.74	656252	20.0
unknown-11	21.67	47.2	ng/ul	1547760	5	21.74	656252	20.0
unknown-12	21.83	18.4	ng/ul	603294	5	21.74	656252	20.0
unknown-13	21.91	47.9	ng/ul	1571030	5	21.74	656252	20.0
unknown-14	22.12	698.7	ng/ul	22926300	5	21.74	656252	20.0
unknown-15	22.19	369.2	ng/ul	12114200	5	21.74	656252	20.0
unknown-16	22.28	581.8	ng/ul	19089500	5	21.74	656252	20.0
unknown-17	22.46	1312.8	ng/ul	43076800	5	21.74	656252	20.0
unknown-18	22.61	807.5	ng/ul	26497500	5	21.74	656252	20.0
(DEL) Alkane: Str...	27.03	107.4	ng/ul	642403	6	25.08	119604	20.0