LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM02.2-EPA-BM030316.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	10.374	1298	1307	1311	rBV	146344	252806	1.02%	0.186%
2	10.427	1311	1316	1329	rVB	518320	847755	3.41%	0.622%
3	13.945	1909	1914	1922	rBV	200000	322022	1.30%	0.236%
4	14.257	1959	1967	1975	rVB3	206514	405783	1.63%	0.298%
5	14.604	2019	2026	2031	rBV2	370559	772975	3.11%	0.568%
6	14.657	2031	2035	2040	rVB3	223019	304478	1.23%	0.224%
7	14.845	2062	2067	2072	rBV	241216	315377	1.27%	0.232%
8	15.109	2107	2112	2116	rBV	391374	479224	1.93%	0.352%
9	15.256	2132	2137	2143	rVB	257174	353166	1.42%	0.259%
10	15.539	2180	2185	2194	rVB	410488	610576	2.46%	0.448%
11	17.009	2429	2435	2441	rBV2	219935	354424	1.43%	0.260%
12	17.103	2446	2451	2461	rVB2	591518	932642	3.76%	0.685%
13	18.639	2707	2712	2720	rVB2	278866	455768	1.84%	0.335%
14	18.868	2746	2751	2757	rVB	736912	1065172	4.29%	0.782%
15	19.421	2840	2845	2857	rVB2	295111	468506	1.89%	0.344%
16	19.544	2861	2866	2871	rBV	339866	437120	1.76%	0.321%
17	20.515	3027	3031	3034	rBV	277537	362023	1.46%	0.266%
18	20.591	3040	3044	3046	rBV	215102	282683	1.14%	0.208%
19	20.615	3046	3048	3052	rVV	249408	278918	1.12%	0.205%
20	20.674	3055	3058	3061	rBV	248209	257884	1.04%	0.189%
21	20.815	3075	3082	3083	rVV2	548829	944782	3.80%	0.694%
22	20.833	3083	3085	3090	rVB	726550	887600	3.57%	0.652%
23	20.880	3090	3093	3099	rVB	535023	642901	2.59%	0.472%
24	20.933	3099	3102	3105	rBV	200717	277239	1.12%	0.204%
25	20.986	3106	3111	3117	rBV2	722969	1779372	7.17%	1.306%
26	21.062	3121	3124	3127	rVB	333834	427644	1.72%	0.314%
27	21.133	3128	3136	3141	rBV3	893666	2028051	8.17%	1.489%
28	21.186	3141	3145	3149	rBV	1358648	2429600	9.78%	1.784%
29	21.233	3150	3153	3159	rBV4	437537	625142	2.52%	0.459%
30	21.309	3162	3166	3168	rBV2	660126	1039273	4.19%	0.763%
31	21.533	3192	3204	3208	rBV4	2431774	10233007	41.21%	7.513%
32	21.650	3217	3224	3231	rVB	2935528	7780000	31.33%	5.712%
33	21.815	3231	3252	3255	rBV3	4096762	24833266	100.00%	18.232%
34	21.897	3259	3266	3270	rVB	4301773	9906928	39.89%	7.274%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM02.2-EPA-BM030316.M
Title : SVOA CALIBRATION

35	21.997	3271	3283	3286	rBV3	3586277	13054598	52.57%	9.585%
36	22.103	3297	3301	3302	rBV	1536821	1962452	7.90%	1.441%
37	22.150	3302	3309	3312	rVB3	2741386	6714907	27.04%	4.930%
38	22.227	3319	3322	3328	rBV2	202649	266057	1.07%	0.195%
39	22.356	3329	3344	3346	rVV	4142296	15391501	61.98%	11.300%
40	22.380	3346	3348	3351	rVV	1498697	1546234	6.23%	1.135%
41	22.462	3351	3362	3366	rVB2	4031381	13316204	53.62%	9.777%
42	22.609	3383	3387	3391	rVB	926547	1257615	5.06%	0.923%
43	22.803	3413	3420	3426	rVB4	532785	1226008	4.94%	0.900%
44	22.915	3435	3439	3445	rVV3	200214	364454	1.47%	0.268%
45	22.980	3445	3450	3456	rVB	563247	950260	3.83%	0.698%
46	23.074	3458	3466	3471	rVB3	246790	657970	2.65%	0.483%
47	23.268	3492	3499	3505	rBV	1070816	2004189	8.07%	1.471%
48	23.409	3519	3523	3528	rBV	210535	328338	1.32%	0.241%
49	23.485	3532	3536	3542	rVV3	238619	529310	2.13%	0.389%
50	23.568	3543	3550	3557	rVB2	809030	1655100	6.66%	1.215%
51	23.821	3588	3593	3600	rVB	361504	696847	2.81%	0.512%
52	23.909	3604	3608	3617	rVB2	138455	276802	1.11%	0.203%
53	24.168	3648	3652	3660	rVB3	283370	611004	2.46%	0.449%

Sum of corrected areas: 136203957

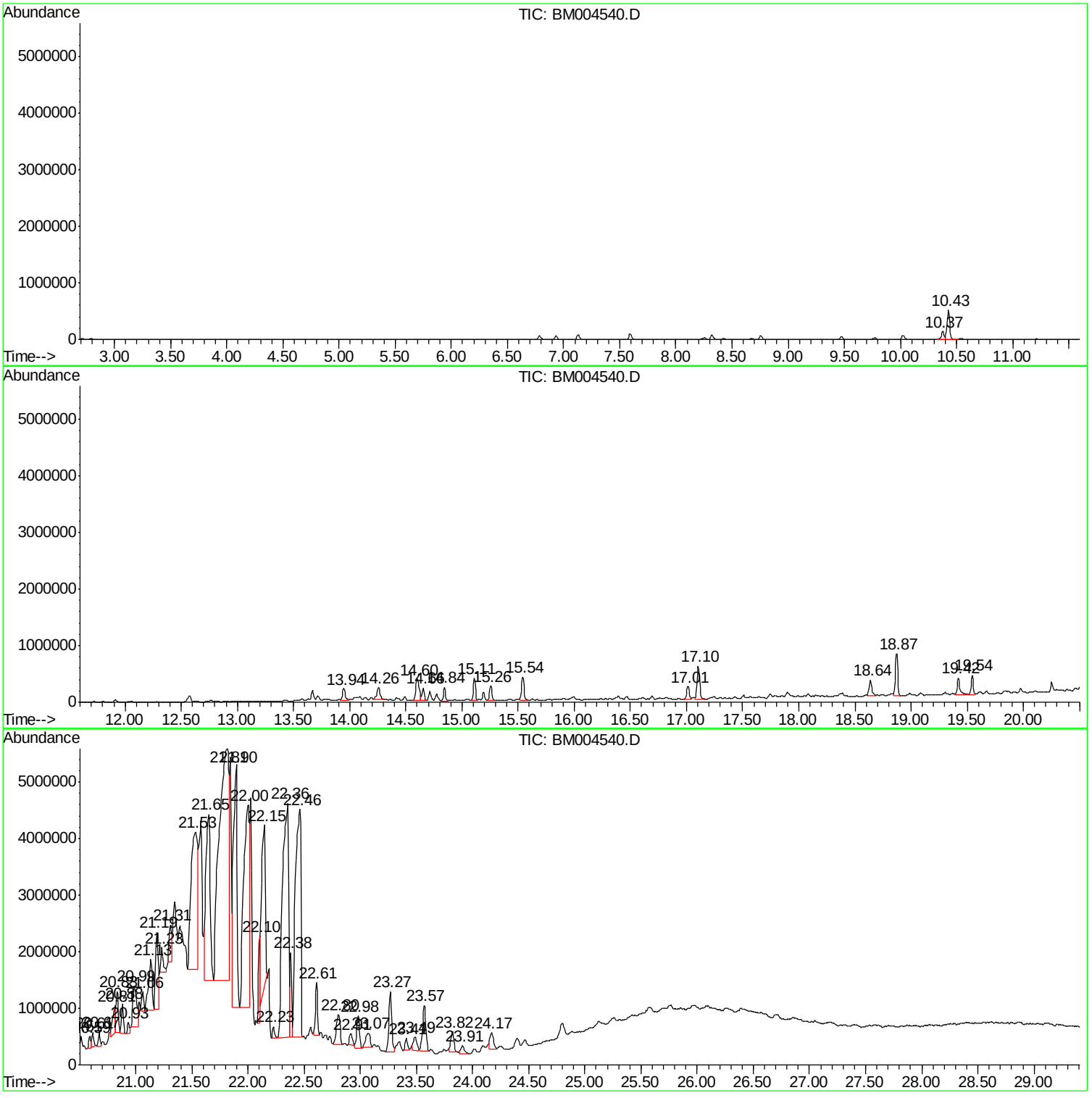
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

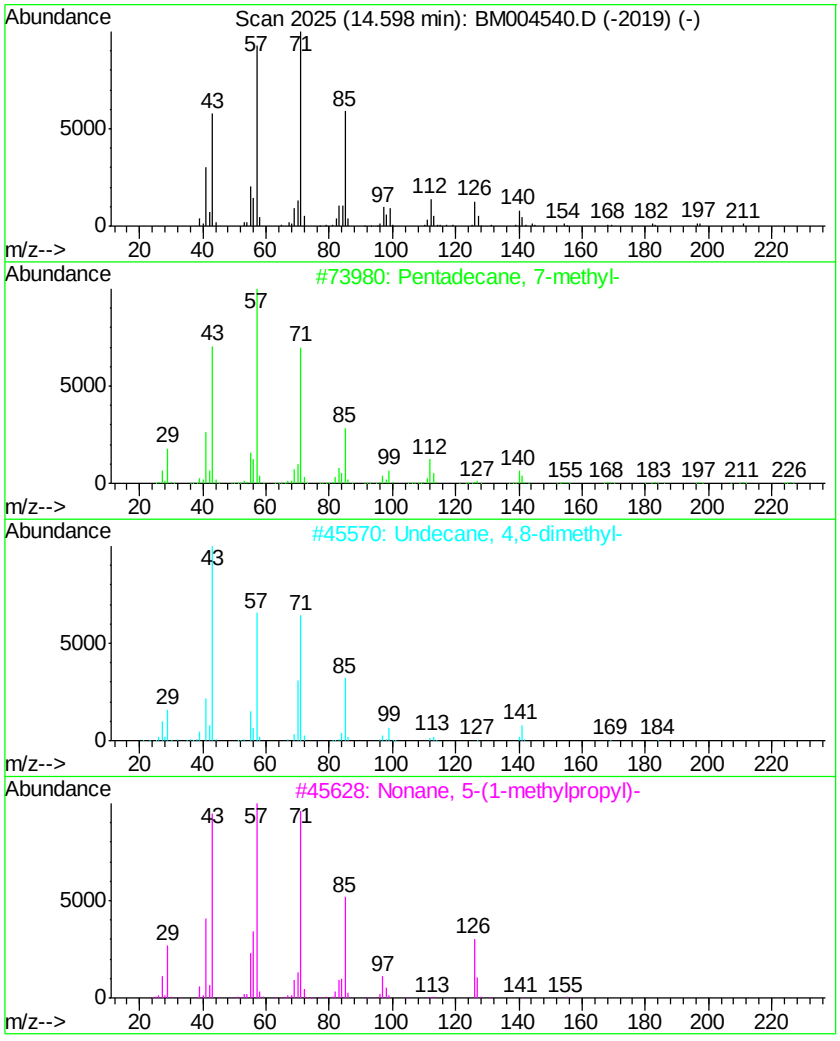
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

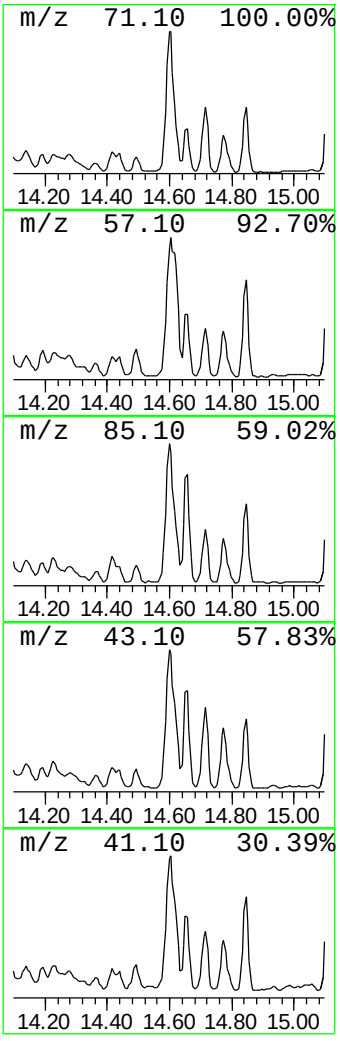
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	38.10 ng/ul	772975	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
3	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	64
4	Heneicosane	296	C21H44	000629-94-7	59
5	Hexadecane	226	C16H34	000544-76-3	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

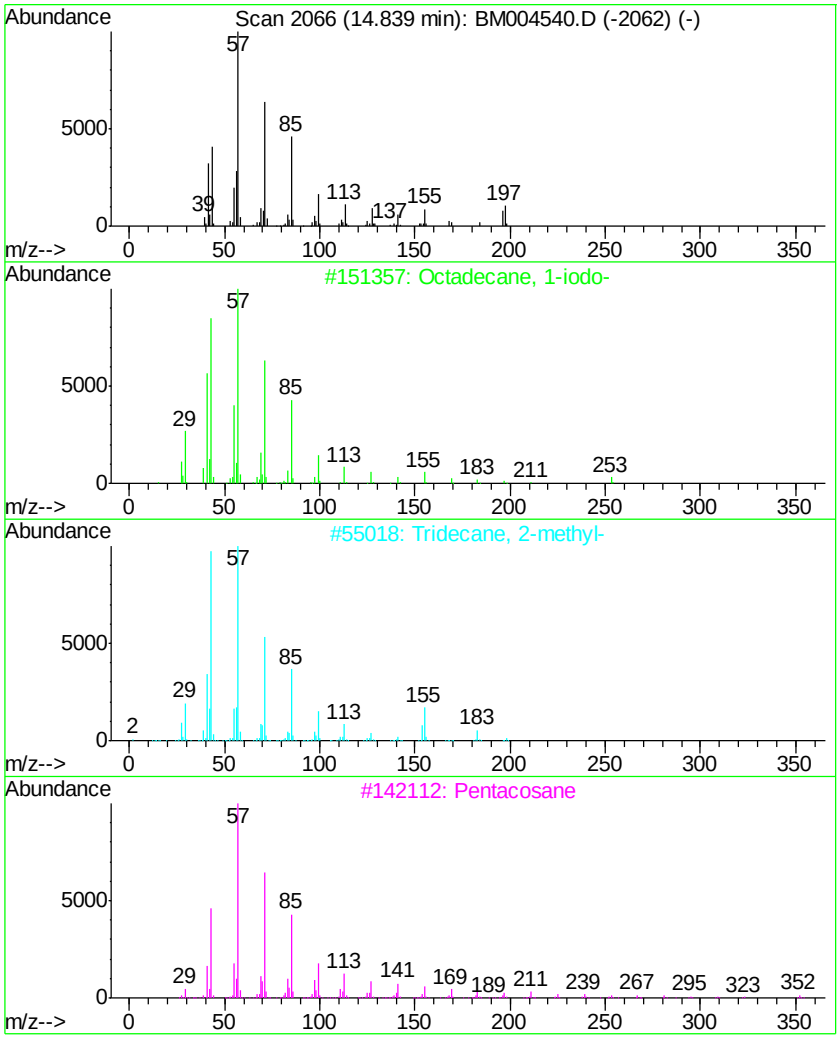
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

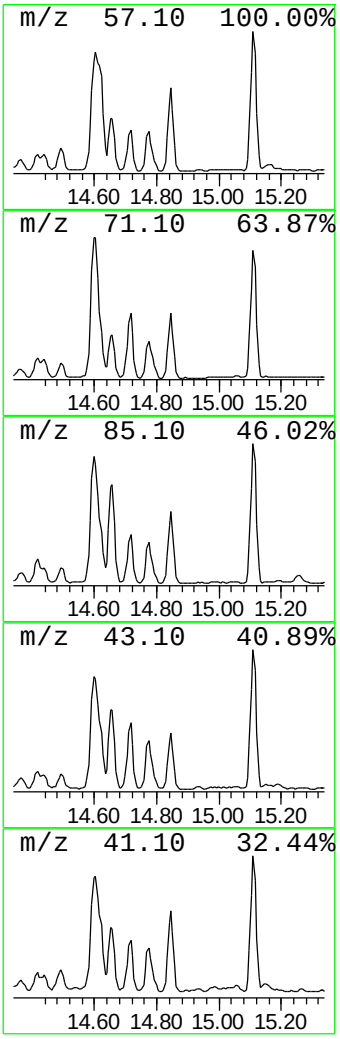
****

Peak Number 2 Octadecane, 1-iodo- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	15.54 ng/ul	315377	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
3	Pentacosane	352	C25H52	000629-99-2	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
5	Decane, 3-methyl-	156	C11H24	013151-34-3	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

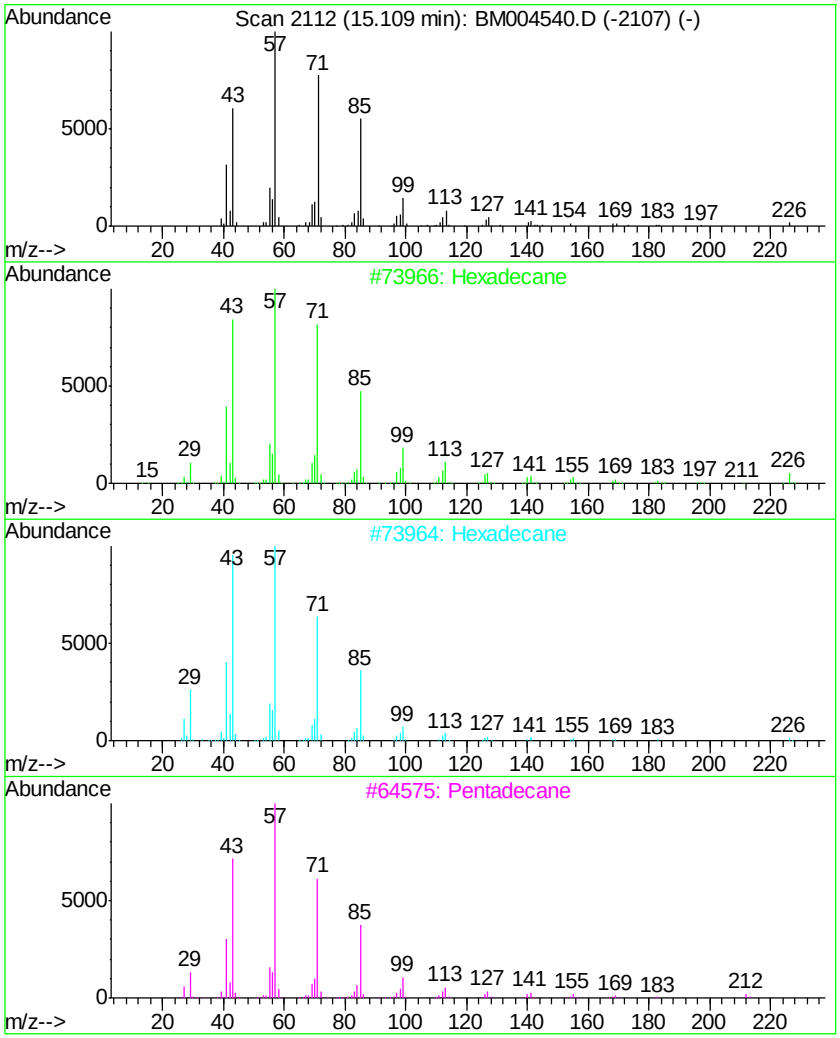
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

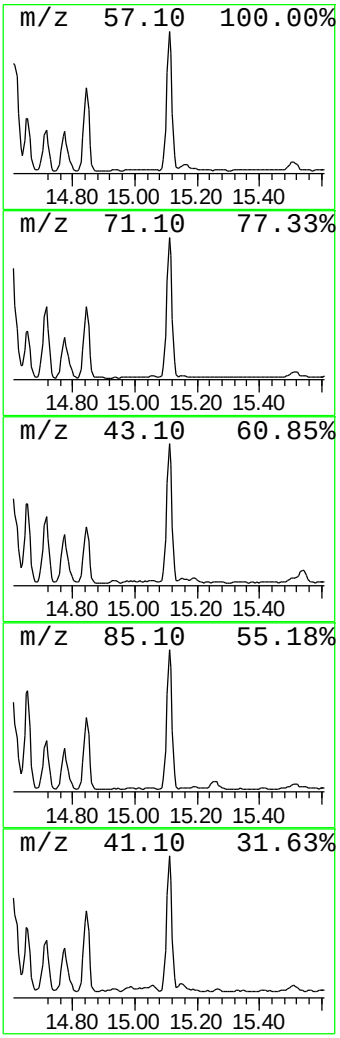
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	23.62 ng/ul	479224	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Pentadecane	212	C15H32	000629-62-9	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

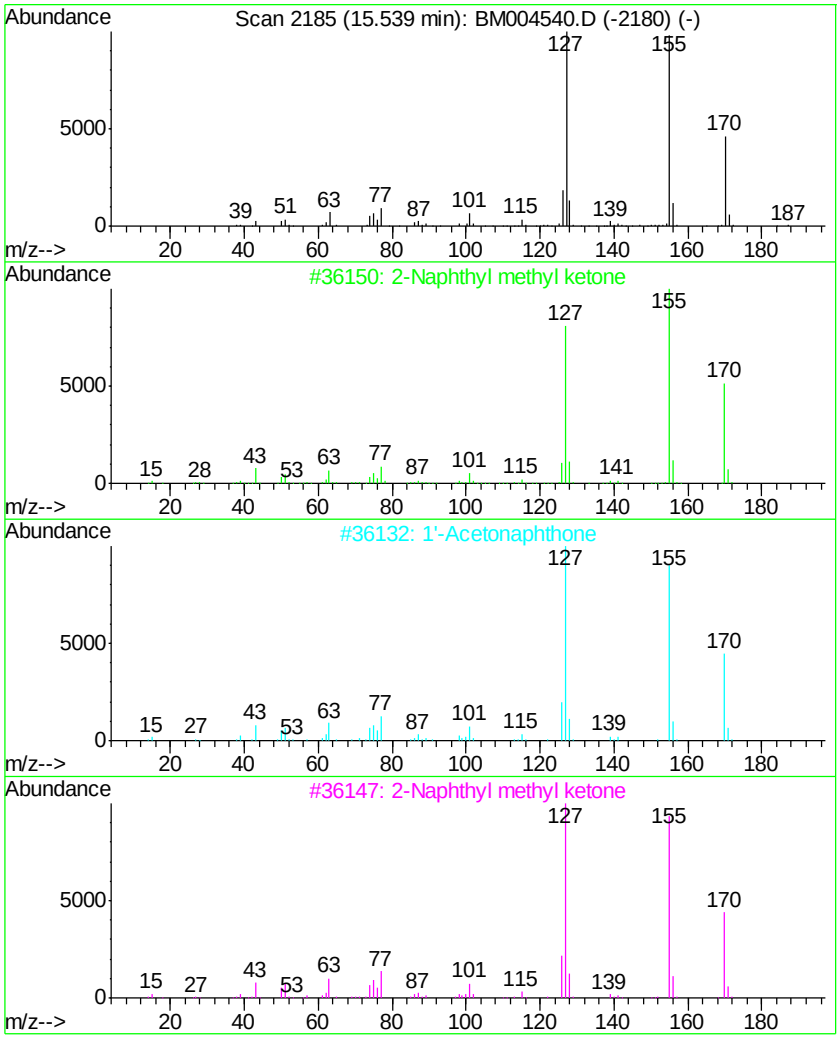
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

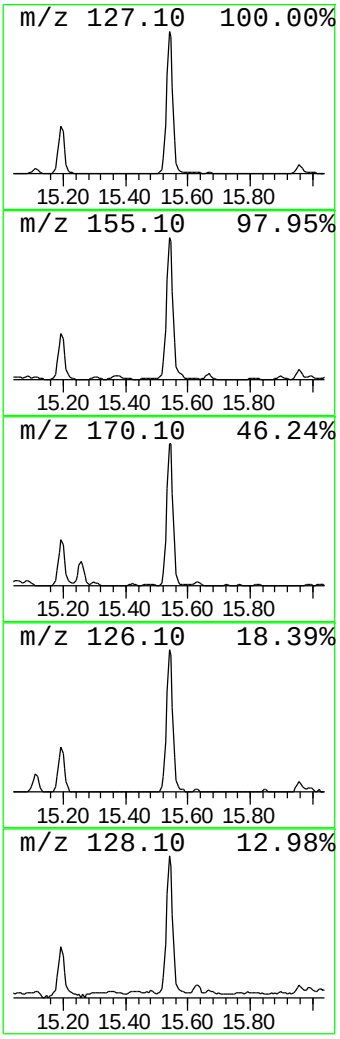
****

Peak Number 4 2-Naphthyl methyl ketone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	30.09 ng/ul	610576	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	96
2	1'-Acetonaphthone	170	C12H10O	000941-98-0	96
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	96
4	1'-Acetonaphthone	170	C12H10O	000941-98-0	94
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

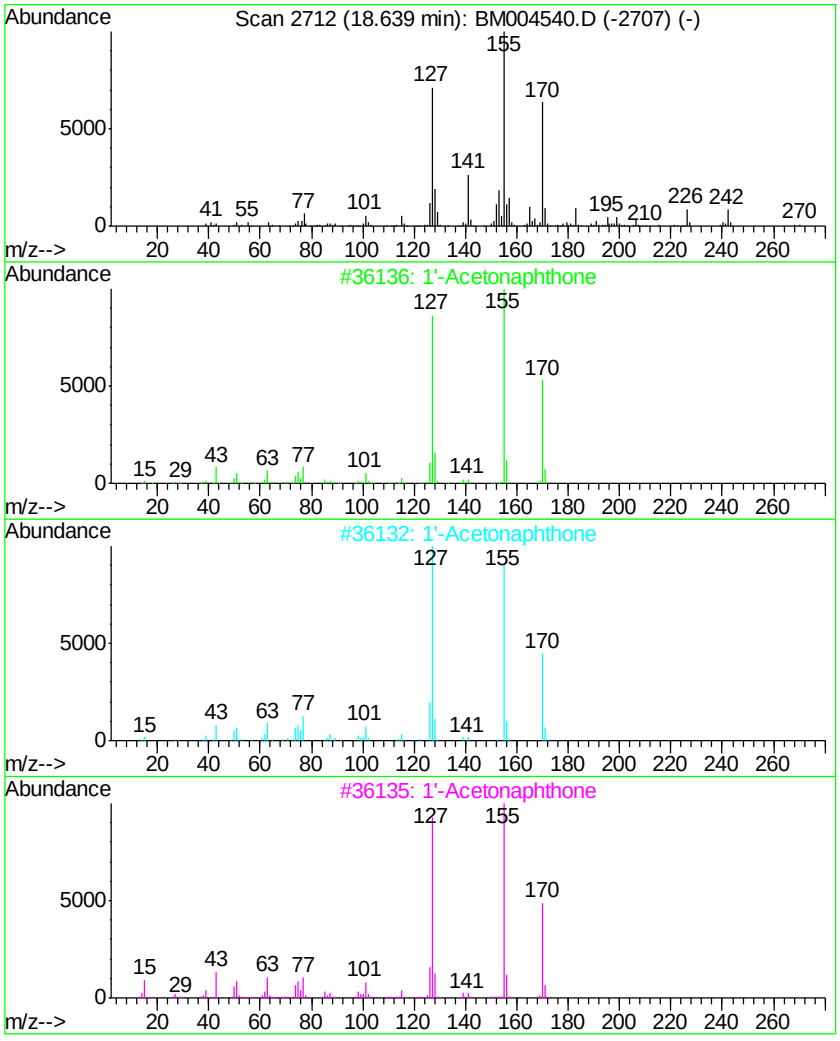
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

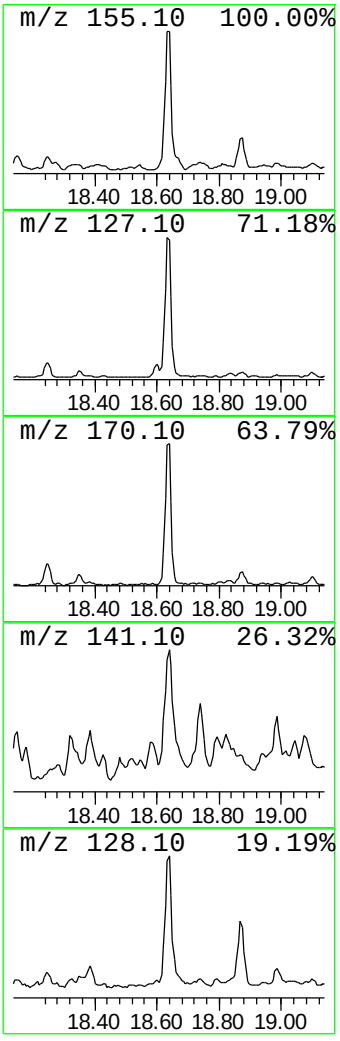
****

Peak Number 5 1'-Acetonaphthone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	25.72 ng/ul	455768	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1'-Acetonaphthone	170	C12H10O	000941-98-0	94
2	1'-Acetonaphthone	170	C12H10O	000941-98-0	76
3	1'-Acetonaphthone	170	C12H10O	000941-98-0	76
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	76
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

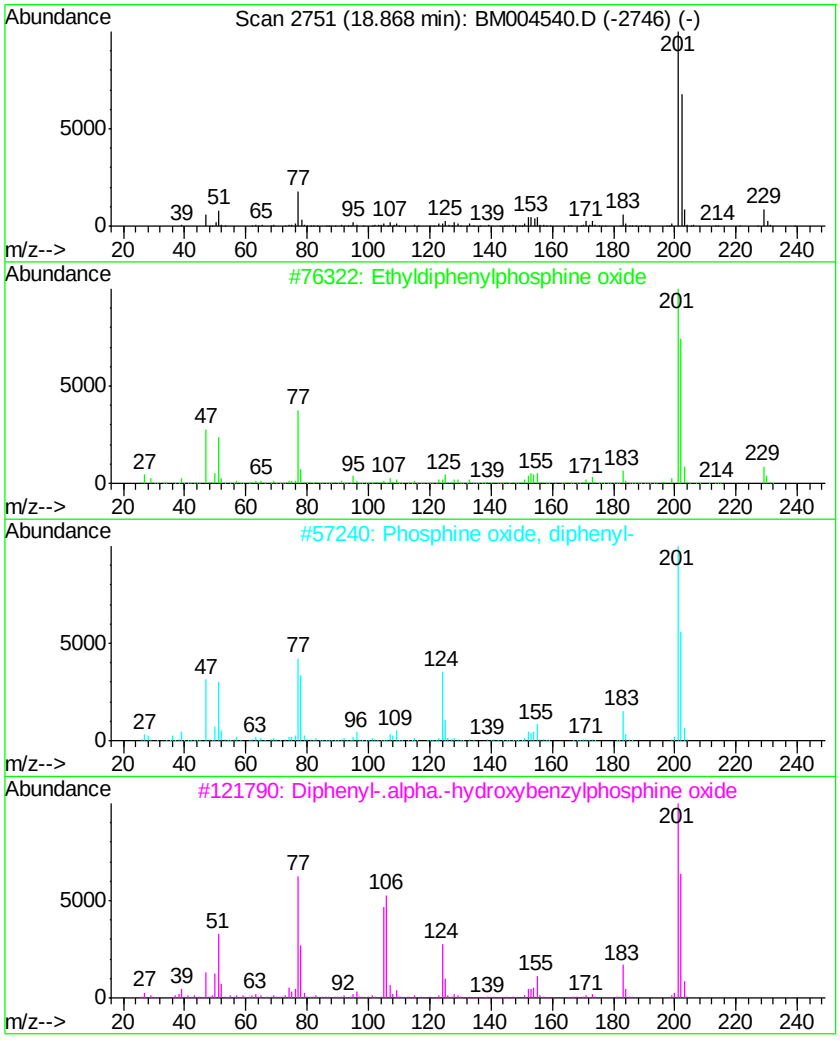
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

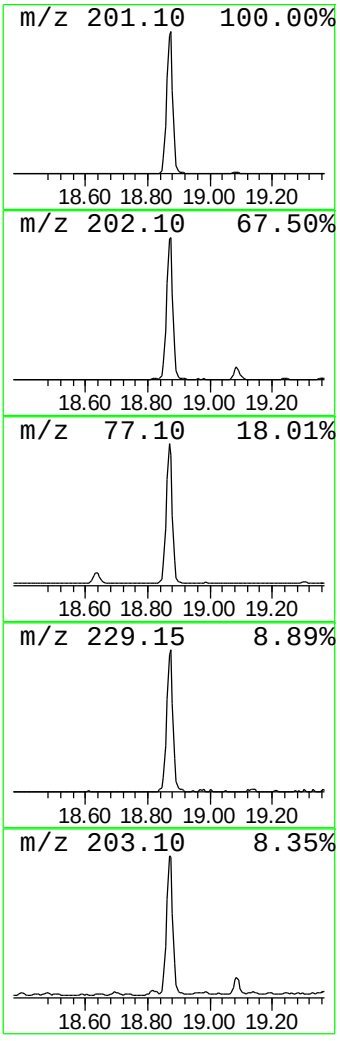
****

Peak Number 6 Ethyldiphenylphosphine oxide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	60.11 ng/ul	1065170	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyldiphenylphosphine oxide	230	C14H15OP	001733-57-9	76
2	Phosphine oxide, diphenyl-	202	C12H11OP	004559-70-0	72
3	Diphenyl-.alpha.-hydroxybenzylph...	308	C19H17O2P	020684-82-6	72
4	Methanol, (diphenylphosphinyl)-	232	C13H13O2P	000884-74-2	58
5	Phosphine oxide, diphenyl-	202	C12H11OP	004559-70-0	56





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

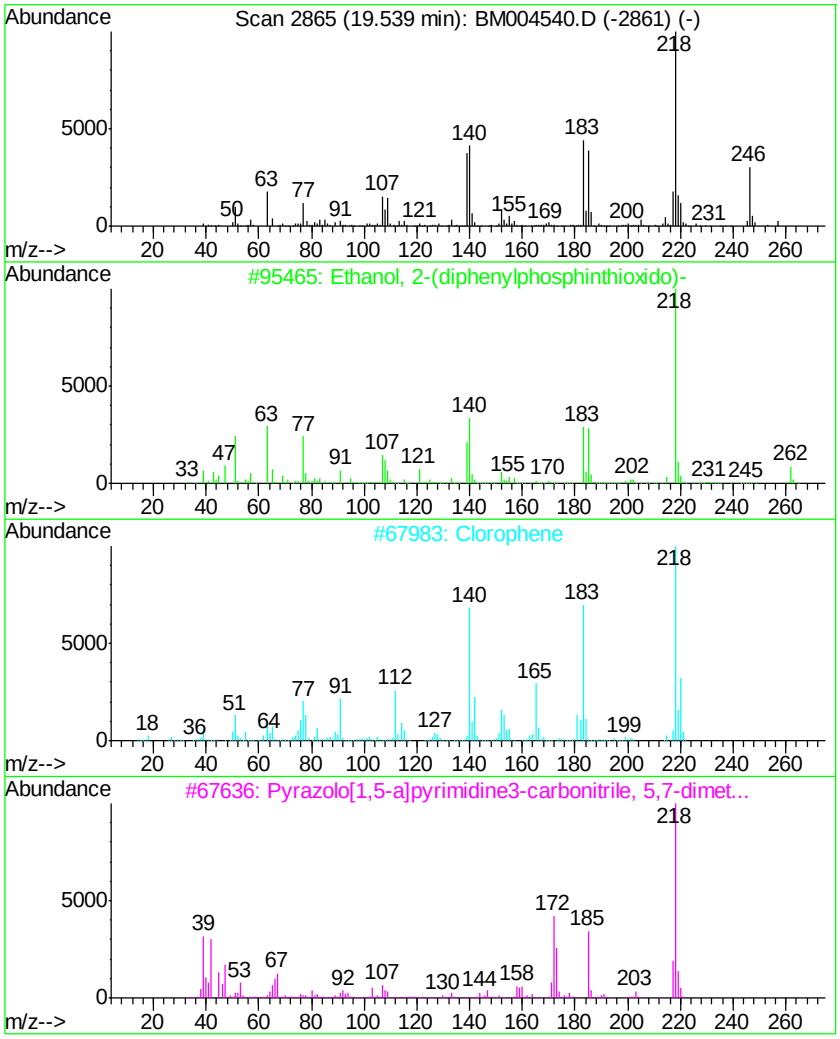
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

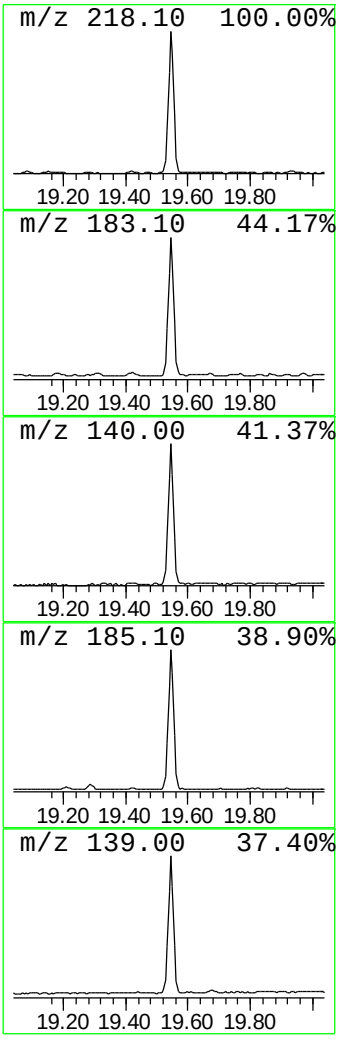
****

Peak Number 7 Ethanol, 2-(diphenylphosphi... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	13.98 ng/ul	437120	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(diphenylphosphinthio...	262	C14H15OPS	066295-82-7	59
2	Clorophene	218	C13H11ClO	000120-32-1	53
3	Pyrazolo[1,5-a]pyrimidine3-carbo...	218	C10H10N4S	090842-90-3	43
4	5-Ethyl-5-p-tolylbarbituric acid	246	C13H14N2O3	052584-39-1	38
5	5-Ethyl-5-p-tolylbarbituric acid	246	C13H14N2O3	052584-39-1	32





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

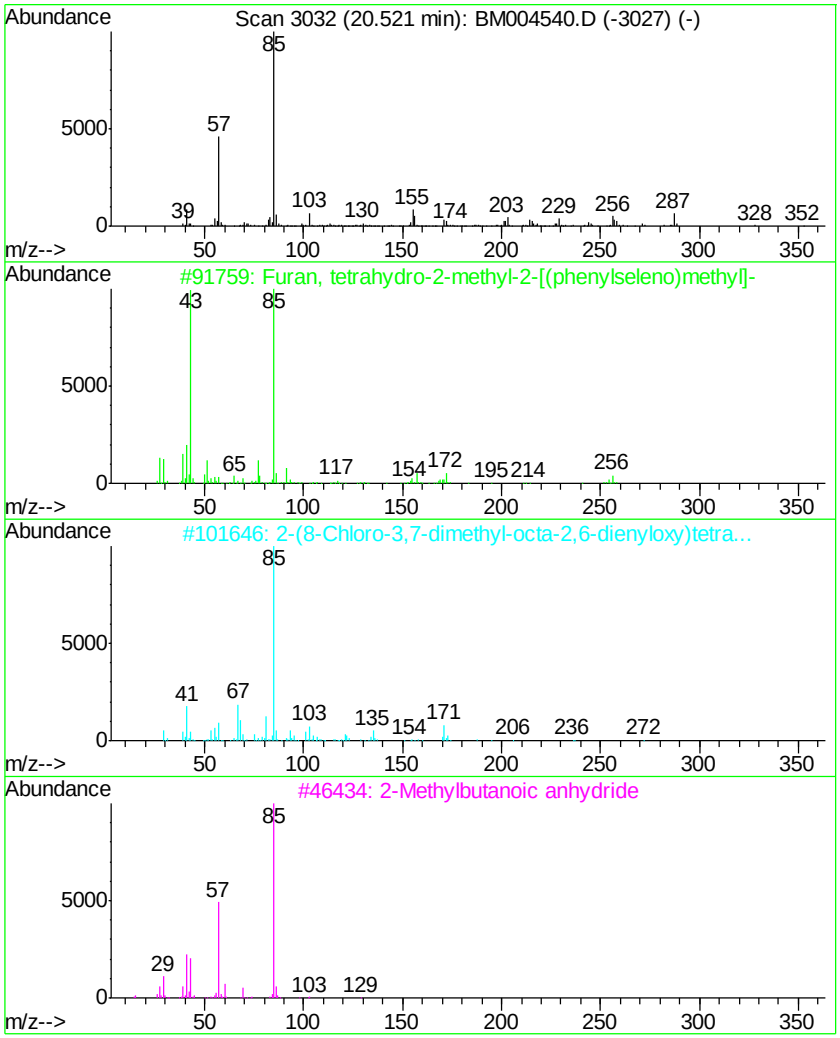
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

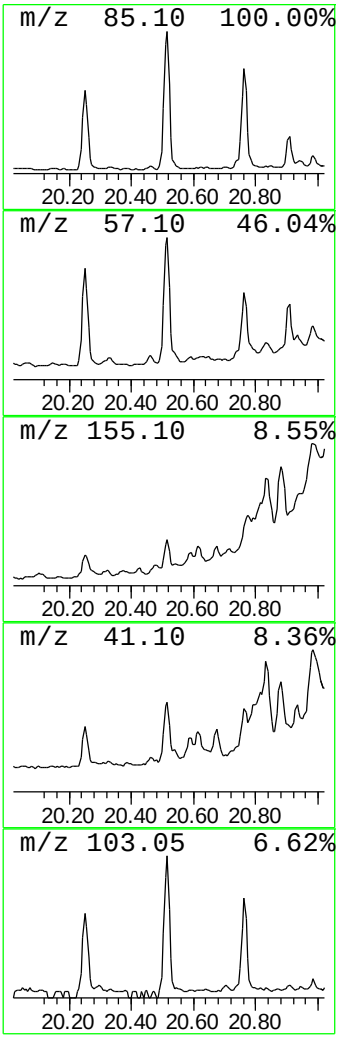
****

Peak Number 8 Furan, tetrahydro-2-methyl-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	11.58 ng/ul	362023	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-methyl-2-[(p...	256	C12H16OSe	114524-28-6	59
2	2-(8-Chloro-3,7-dimethyl-octa-2,...	272	C15H25ClO2	118197-64-1	53
3	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	53
4	Pentanoic acid, 2-penten-1-yl es...	170	C10H18O2	1000159-23-2	36
5	Valeric acid, but-3-yn-2-yl ester	154	C9H14O2	1000292-48-4	36





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Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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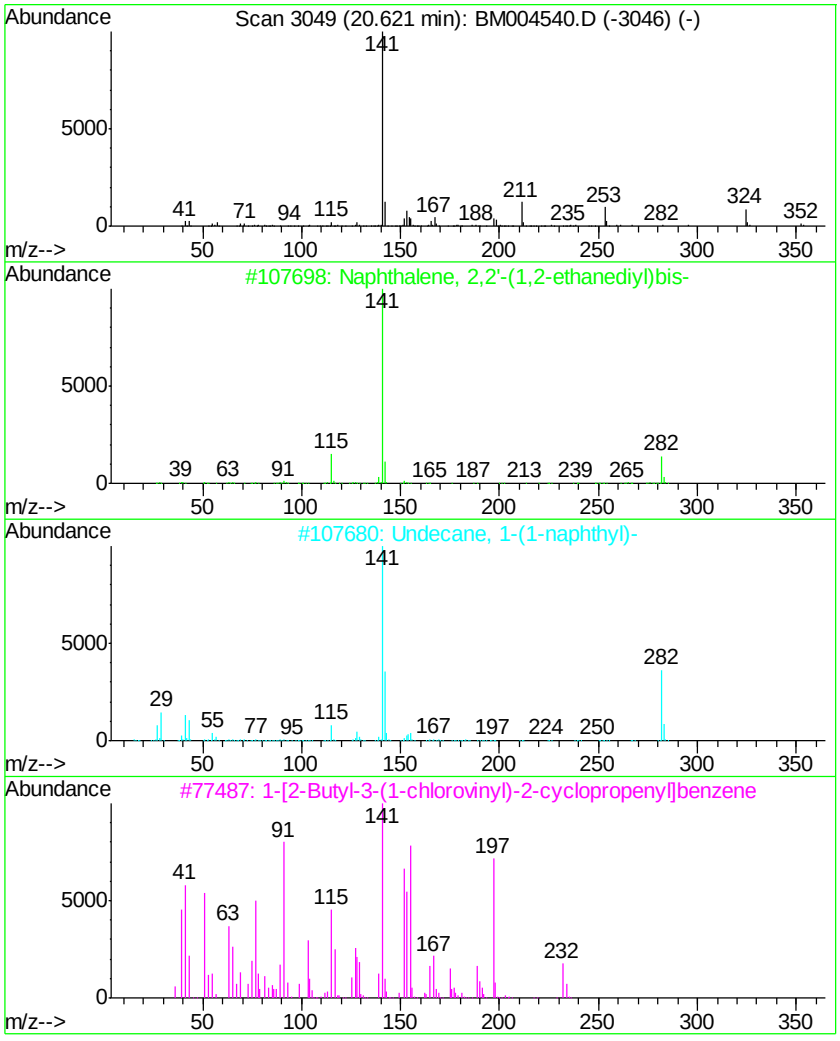
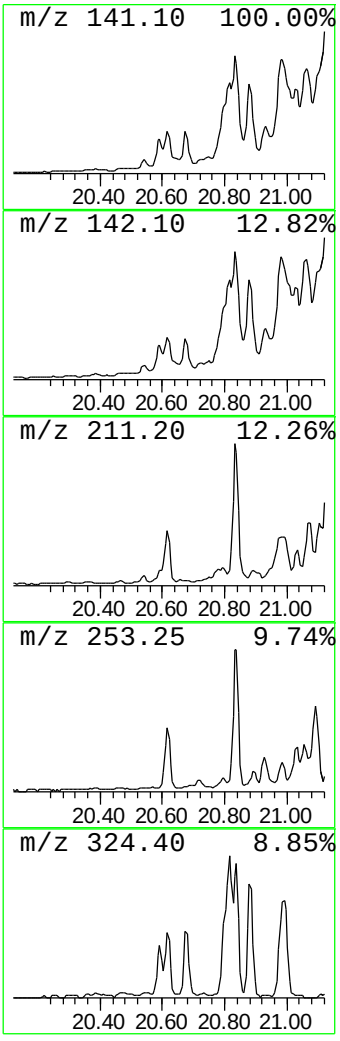
Peak Number 10 Naphthalene, 2,2'-(1,2-etha... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	8.92 ng/ul	278918	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	53
2	Undecane, 1-(1-naphthyl)-	282	C21H30	007225-71-0	52
3	1-[2-Butyl-3-(1-chlorovinyl)-2-c...	232	C15H17Cl	1000261-30-1	40
4	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	14
5	Piperidin-4-ol, 1,2,5-trimethyl-...	283	C19H25NO	329789-67-5	9





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Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

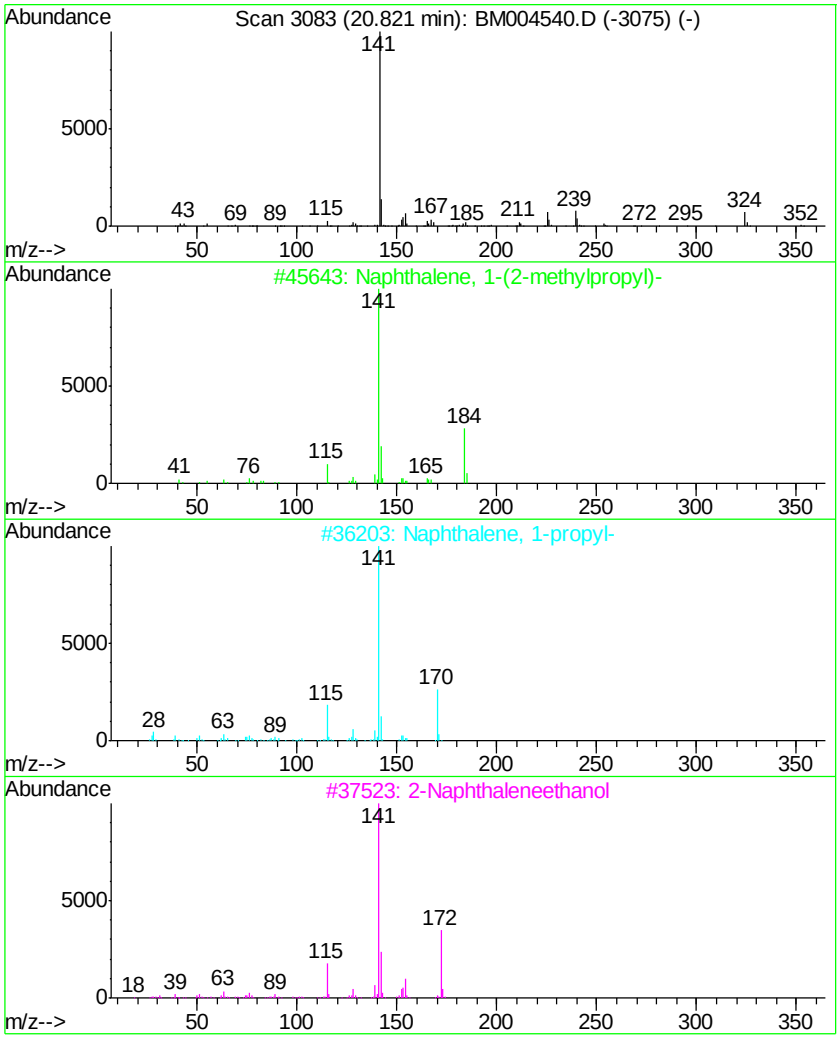
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

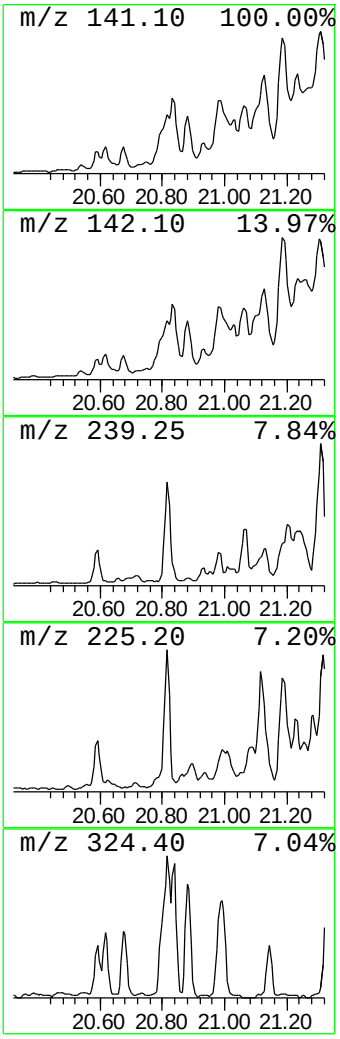
****

Peak Number 12 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	30.23 ng/ul	944782	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	42
2	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	33
3	2-Naphthaleneethanol	172	C12H12O	001485-07-0	28
4	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	9
5	1-Chloro-3-naphthalen-1-yl-propa...	218	C13H11ClO	154023-17-3	9





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Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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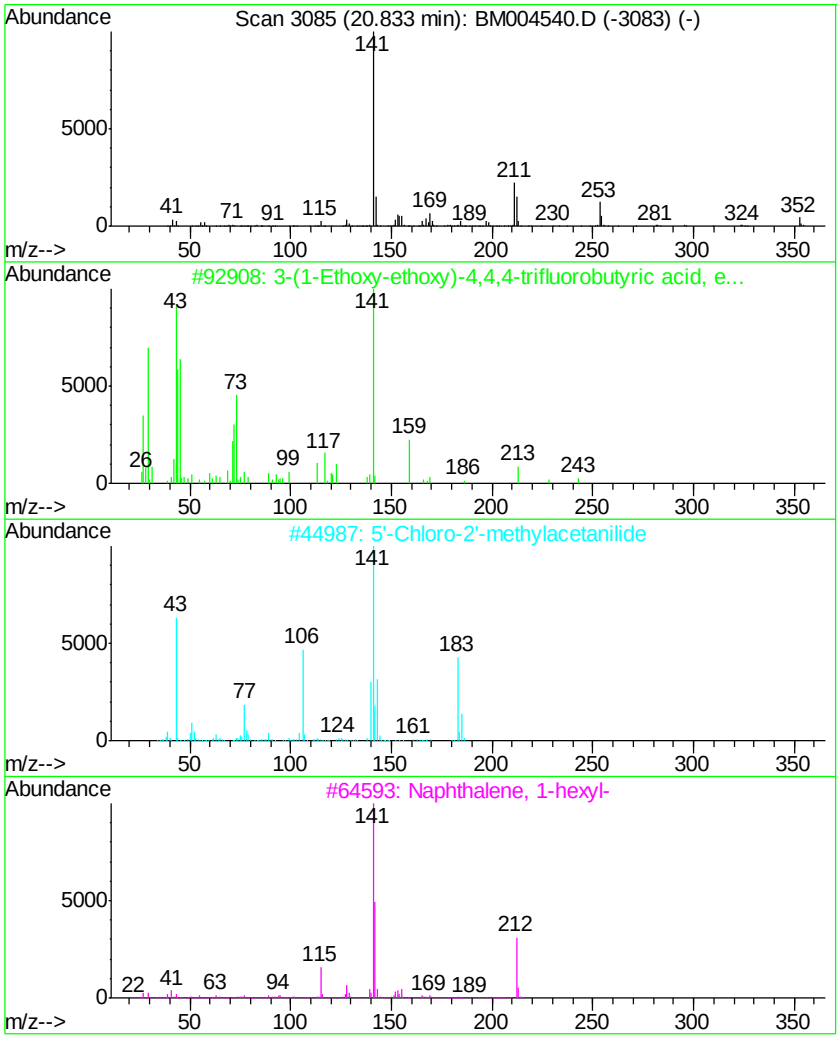
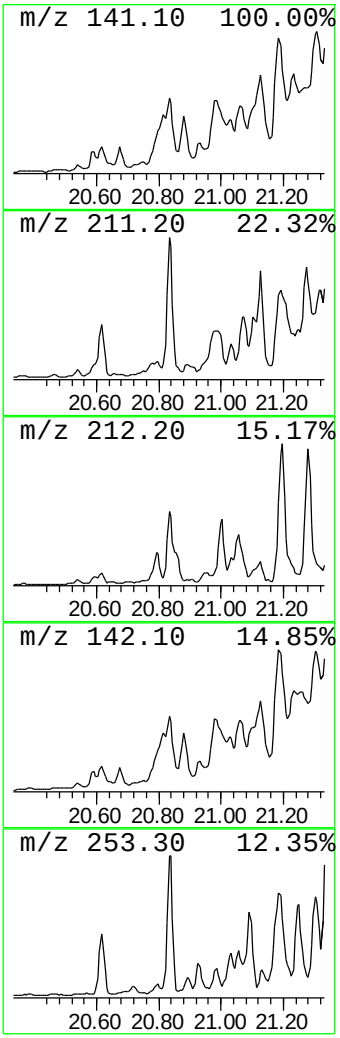
Peak Number 13 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	28.40 ng/ul	887600	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	37
2	5'-Chloro-2'-methylacetanilide	183	C9H10ClNO	005900-55-0	28
3	Naphthalene, 1-hexyl-	212	C16H20	002876-53-1	9
4	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	9
5	Acetohydrazide, 2-(1-naphthyl)-N...	266	C17H18N2O	339241-52-0	9





Library Search Compound Report

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Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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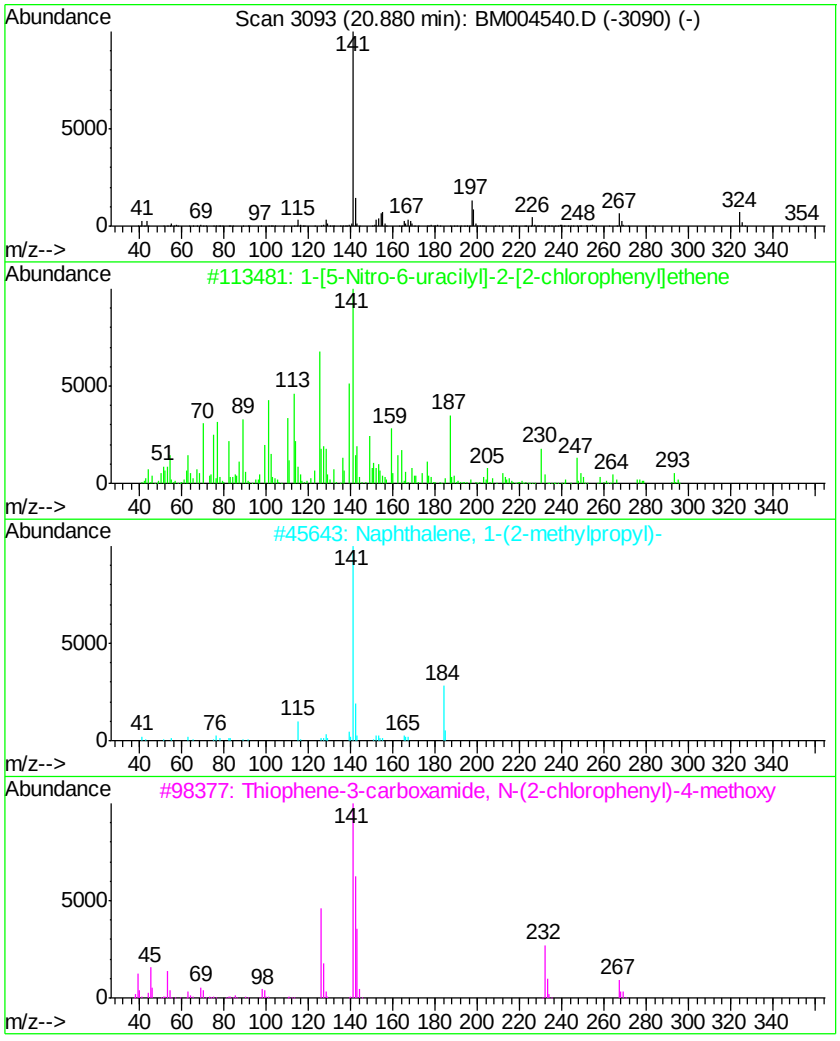
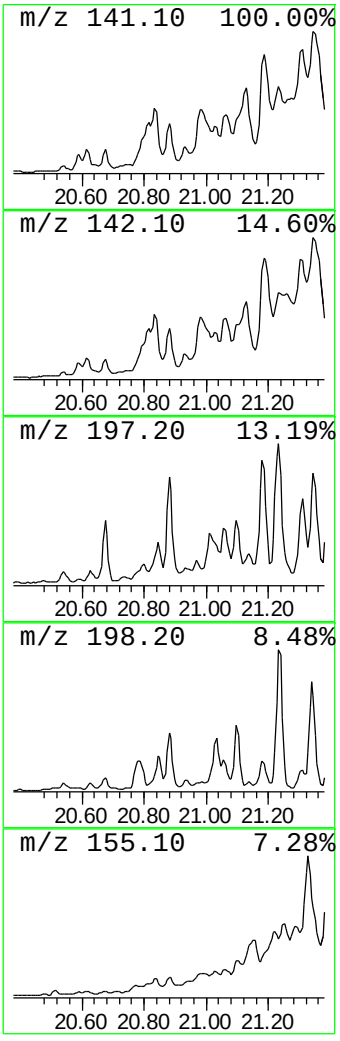
Peak Number 14 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	20.57 ng/ul	642901	Chrysene-d12	21.23

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-(2-methylpropyl)-	184	C14H16	016727-91-6	12
3	Thiophene-3-carboxamide, N-(2-ch...	267	C12H10ClNO2S	1000268-70-7	9
4	2,6-Difluorobenzoic acid, 3-meth...	226	C12H12F2O2	1000292-58-2	9
5	Naphthalene, 1-butyl-	184	C14H16	001634-09-9	9





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Acq On : 03 Mar 2016 20:13
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Sample : H1616-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

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Quant Title : SVOA CALIBRATION

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

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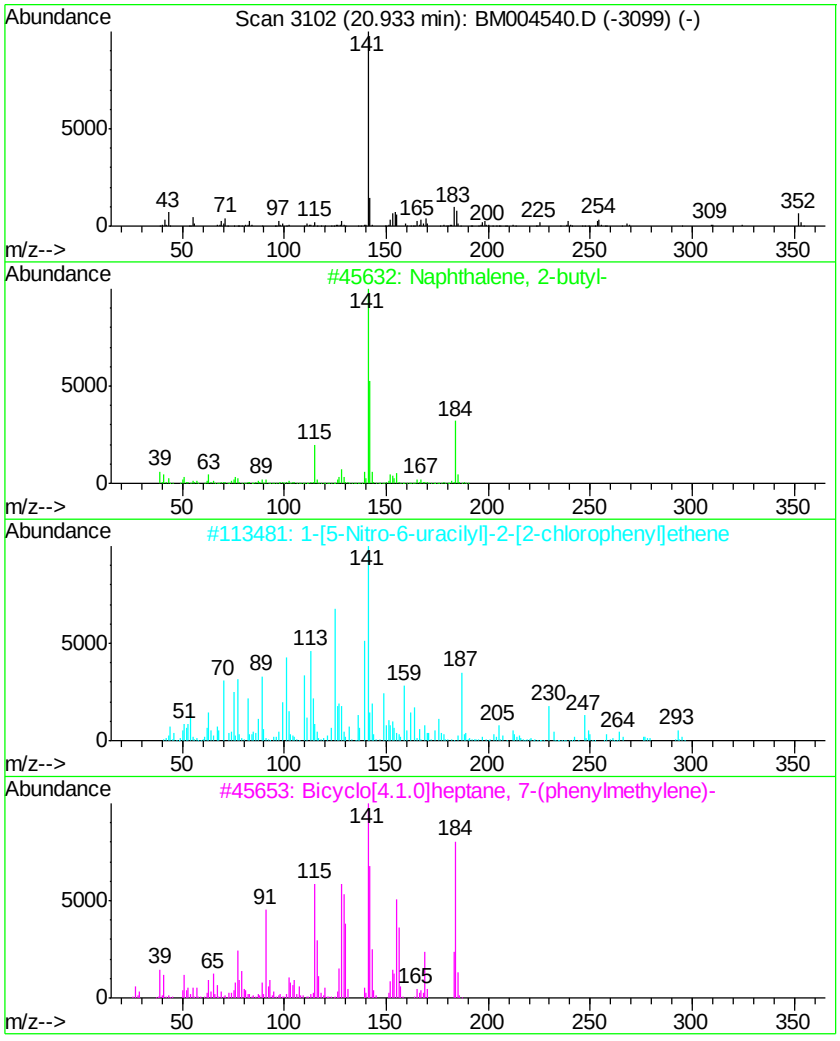
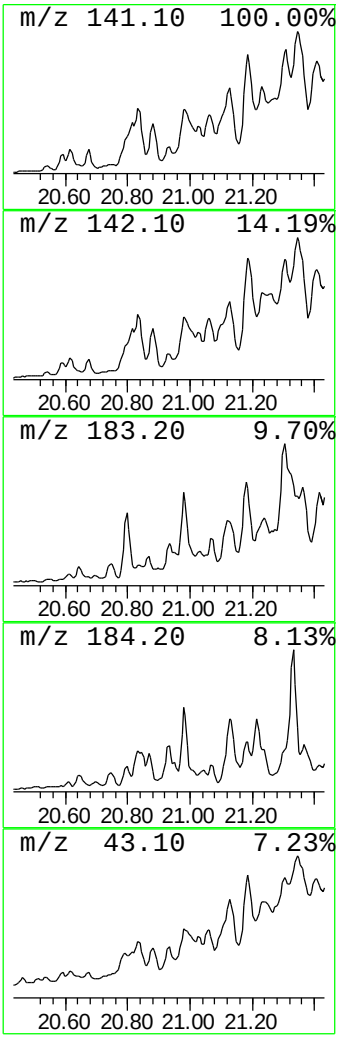
Peak Number 15 unknown-04 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	8.87 ng/ul	277239	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	40
2	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	28
3	Bicyclo[4.1.0]heptane, 7-(phenyl...	184	C14H16	082253-12-1	25
4	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	12
5	2-Naphthaleneethanol	172	C12H12O	001485-07-0	12





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Acq On : 03 Mar 2016 20:13
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Sample : H1616-01
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : BLDG06-P001-SS001-01

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Quant Title : SVOA CALIBRATION

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

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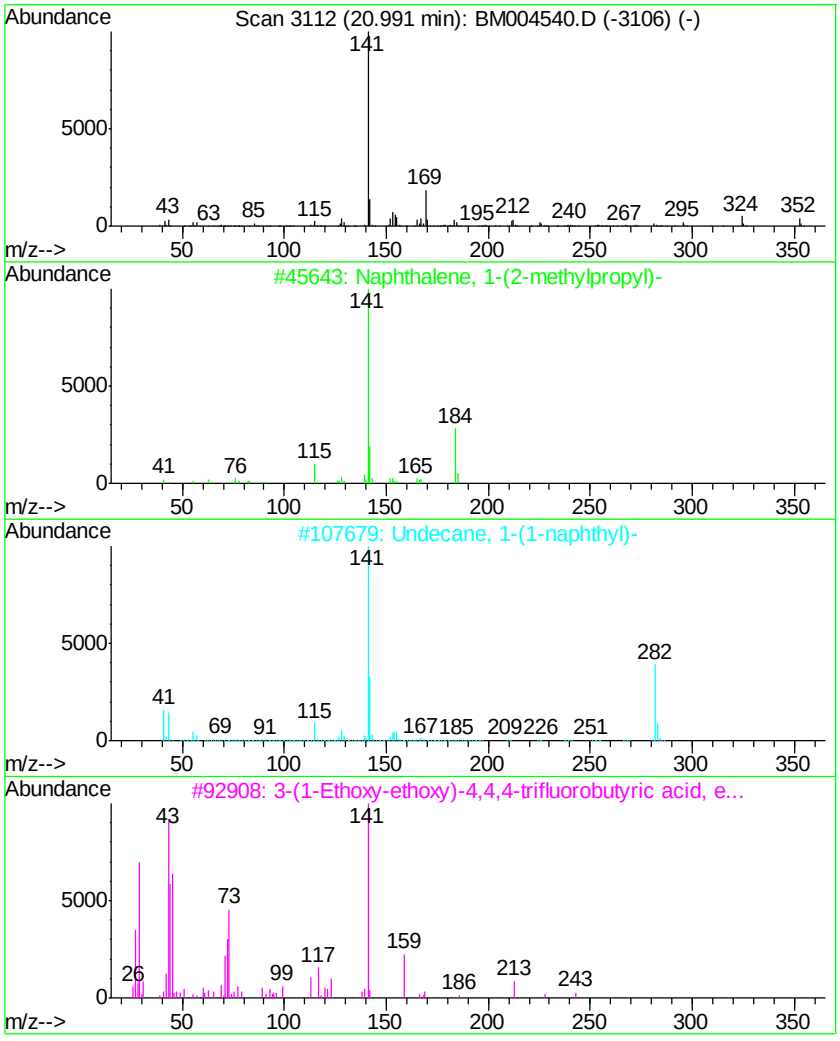
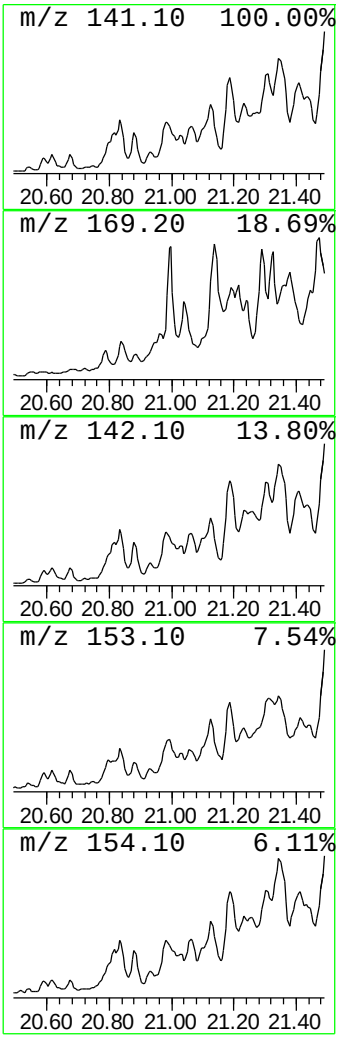
Peak Number 16 Naphthalene, 1-(2-methylpro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	56.93 ng/ul	1779370	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	72
2	Undecane, 1-(1-naphthyl)-	282	C21H30	007225-71-0	53
3	3-(1-Ethoxy-ethoxy)-4,4,4-triflu...	258	C10H17F3O4	095605-52-0	22
4	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	9
5	Propanedioic acid, (1-methyl-2-p...	214	C11H18O4	000759-35-3	9





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Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

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Quant Title : SVOA CALIBRATION

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

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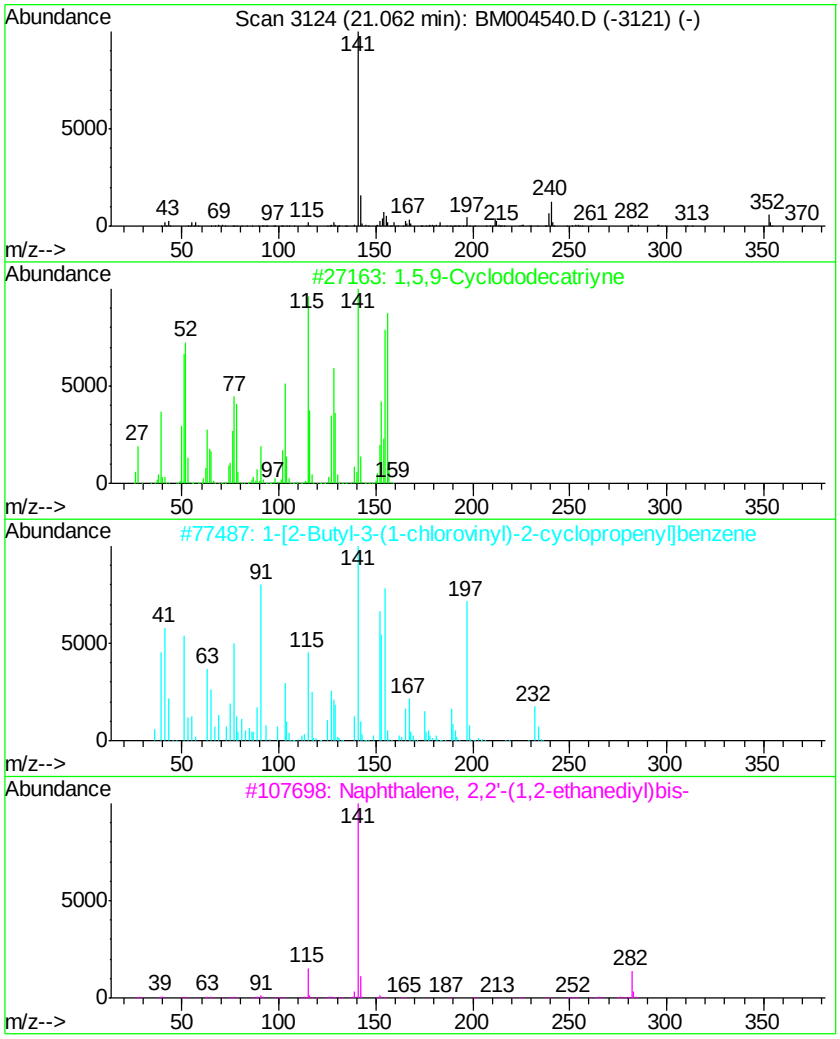
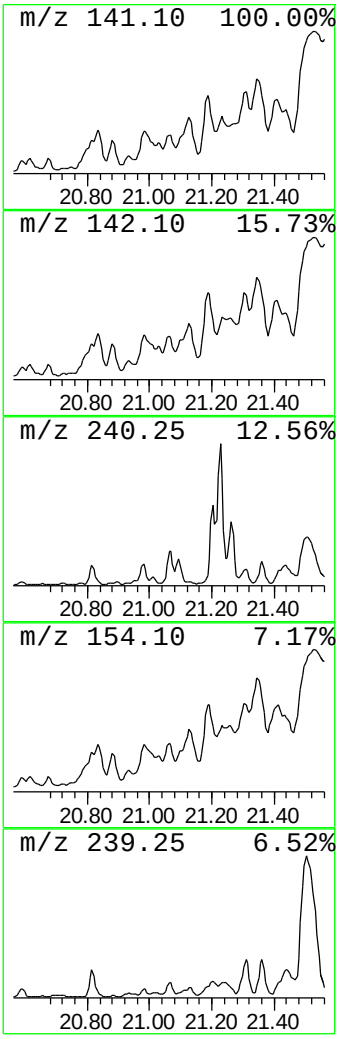
Peak Number 17 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	13.68 ng/ul	427644	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Cyclododecatriyne	156	C12H12	060323-50-4	47
2	1-[2-Butyl-3-(1-chlorovinyl)-2-c...	232	C15H17Cl	1000261-30-1	40
3	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	36
4	Benzamide, 2,6-difluoro-N-(2-thi...	240	C10H6F2N2OS	296892-48-3	9
5	Undecane, 1-(1-naphthyl)-	282	C21H30	007225-71-0	9





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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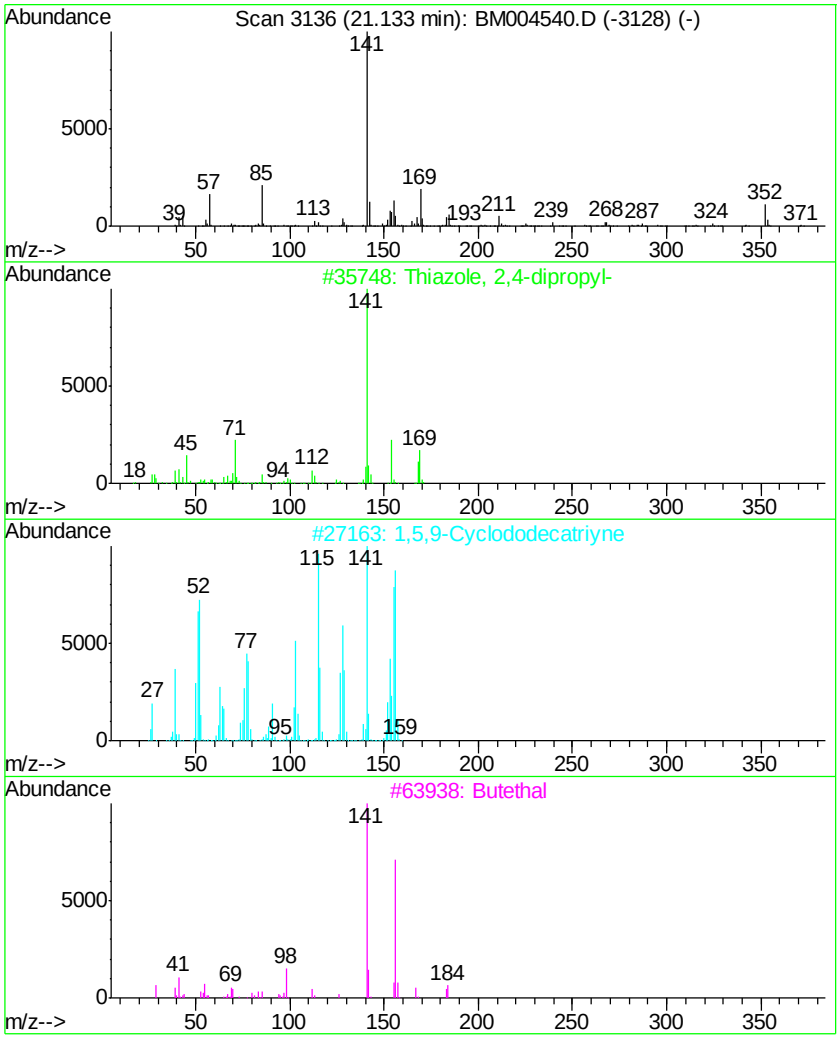
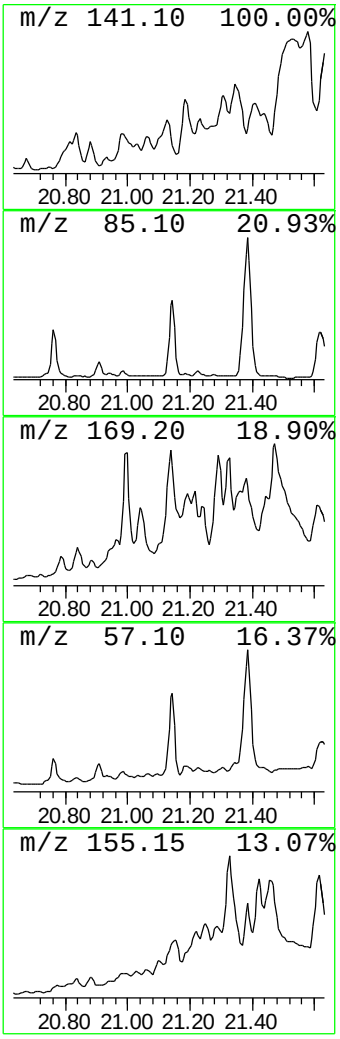
Peak Number 18 Thiazole, 2,4-dipropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	64.88 ng/ul	2028050	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 2,4-dipropyl-	169	C9H15NS	041981-74-2	53
2	1,5,9-Cyclododecatriyne	156	C12H12	060323-50-4	43
3	Butethal	212	C10H16N2O3	000077-28-1	40
4	Naphthalene, 2-hexyl-	212	C16H20	002876-46-2	38
5	Thiazole, 5-ethyl-4-methyl-2-pro...	169	C9H15NS	041981-78-6	38





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Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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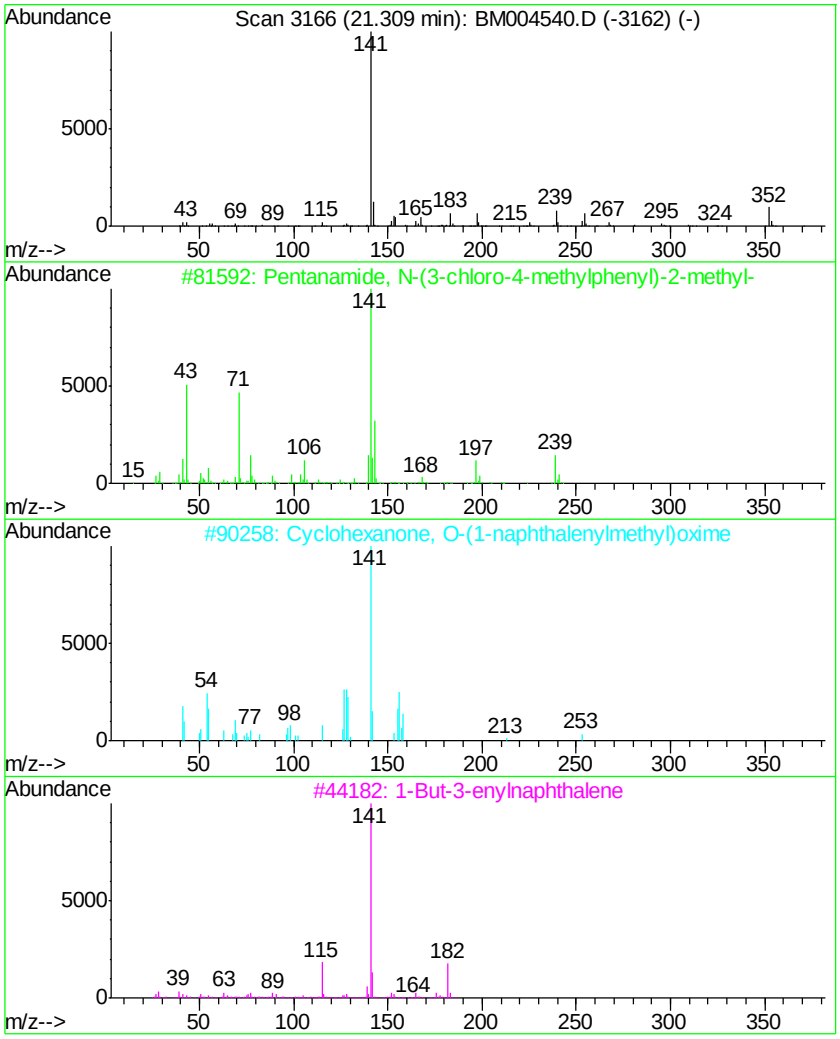
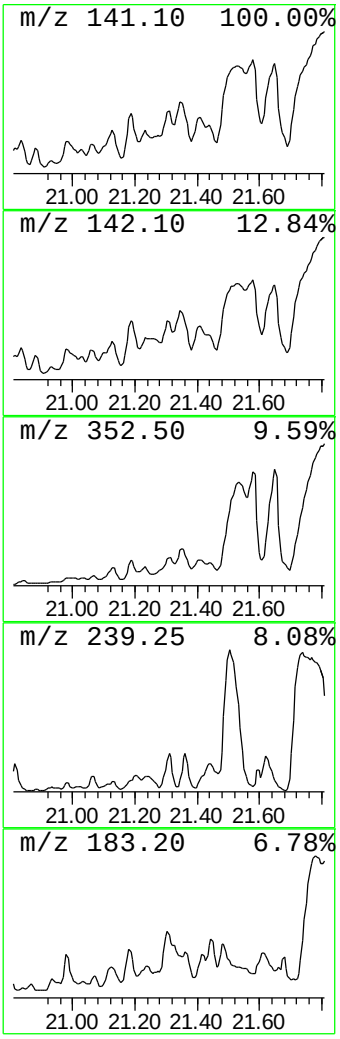
Peak Number 19 unknown-06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	33.25 ng/ul	1039270	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanamide, N-(3-chloro-4-methy...	239	C13H18ClNO	002307-68-8	32
2	Cyclohexanone, O-(1-naphthalenyl...	253	C17H19NO	055045-02-8	9
3	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	9
4	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	9
5	Benzamide, 2,3-difluoro-N-[4-(3,...	352	C16H8F4N2OS	1000277-49-1	7





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Sample : H1616-01
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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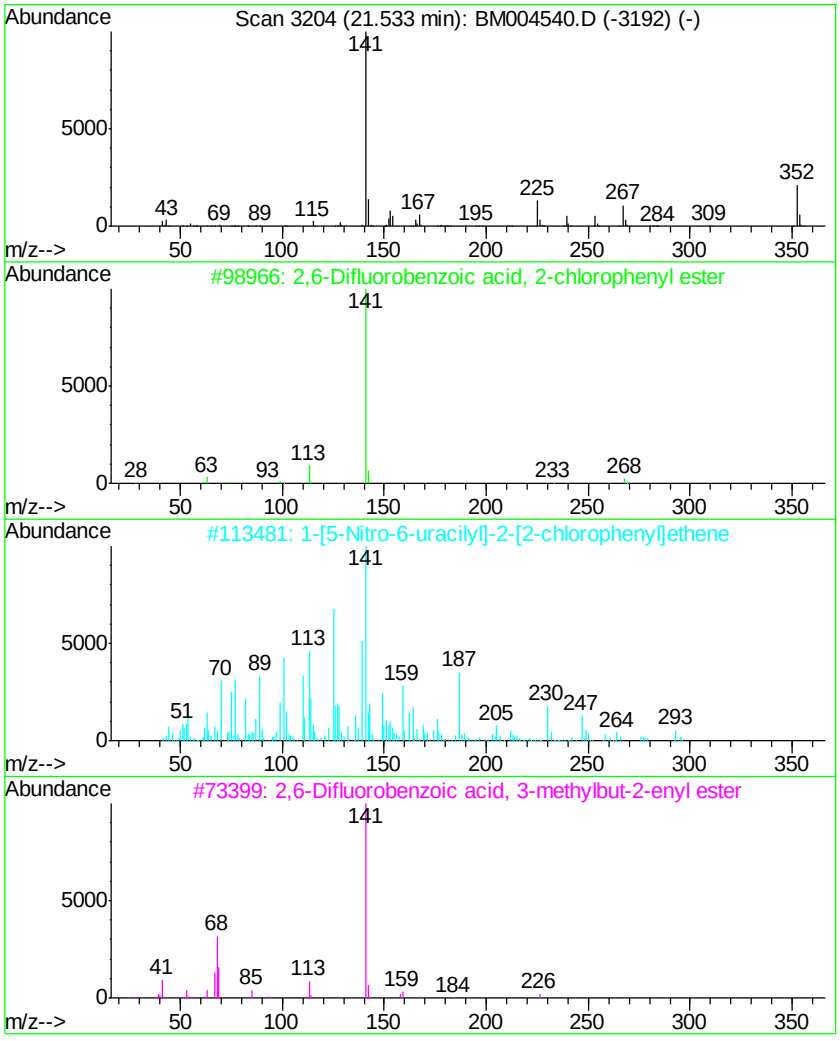
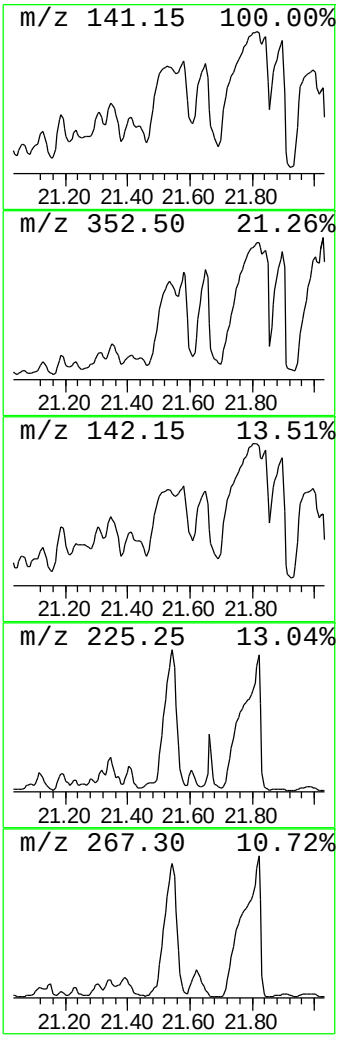
Peak Number 20 unknown-07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	327.38 ng/ul	10233000	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Difluorobenzoic acid, 2-chlo...	268	C13H7ClF2O2	1000292-62-4	38
2	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	25
3	2,6-Difluorobenzoic acid, 3-meth...	226	C12H12F2O2	1000292-58-2	9
4	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	9
5	Naphthalene, 2-hexyl-	212	C16H20	002876-46-2	9





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Sample : H1616-01
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Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

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Quant Title : SVOA CALIBRATION

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

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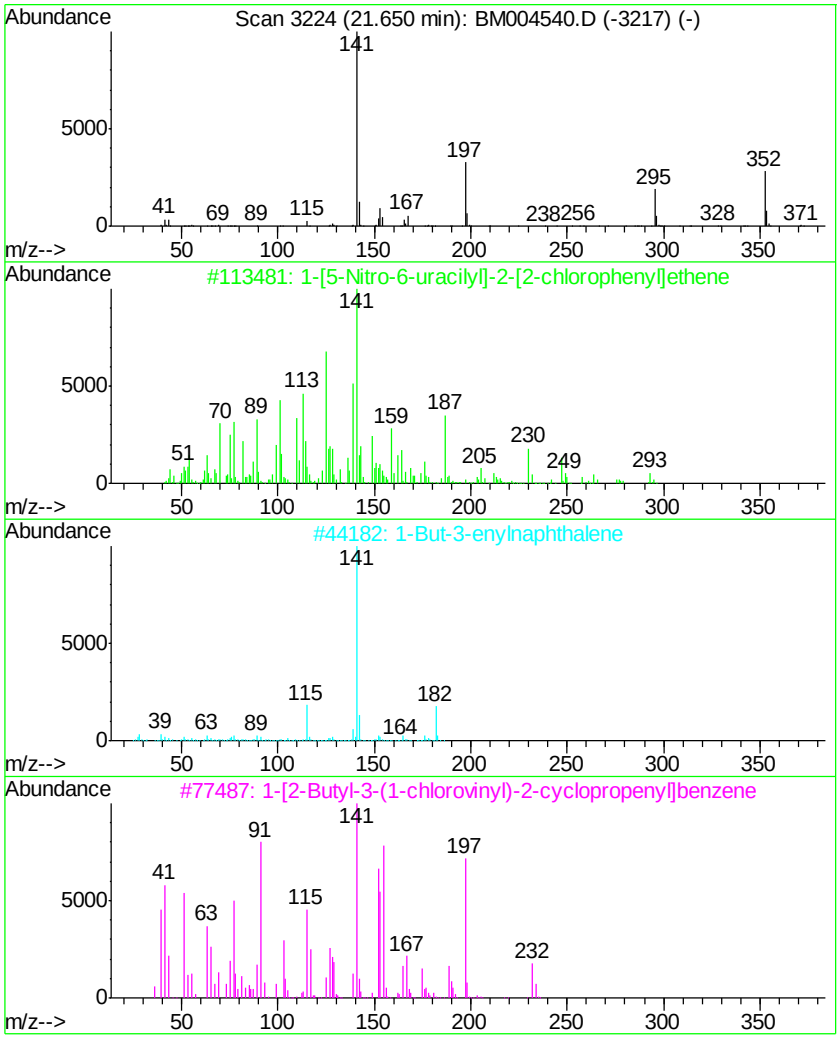
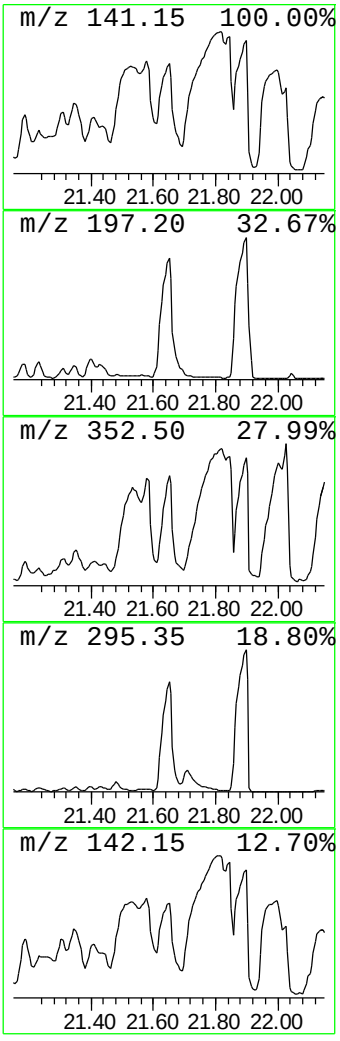
Peak Number 21 unknown-08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	248.90 ng/ul	7780000	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	23
2	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	9
3	1-[2-Butyl-3-(1-chlorovinyl)-2-c...	232	C15H17Cl	1000261-30-1	9
4	2,6-Difluorobenzoic acid, allyl ...	198	C10H8F2O2	1000293-30-1	7
5	2H,7H-Pyrano[2,3-b]pyran, hexahy...	142	C8H14O2	038737-53-0	5





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

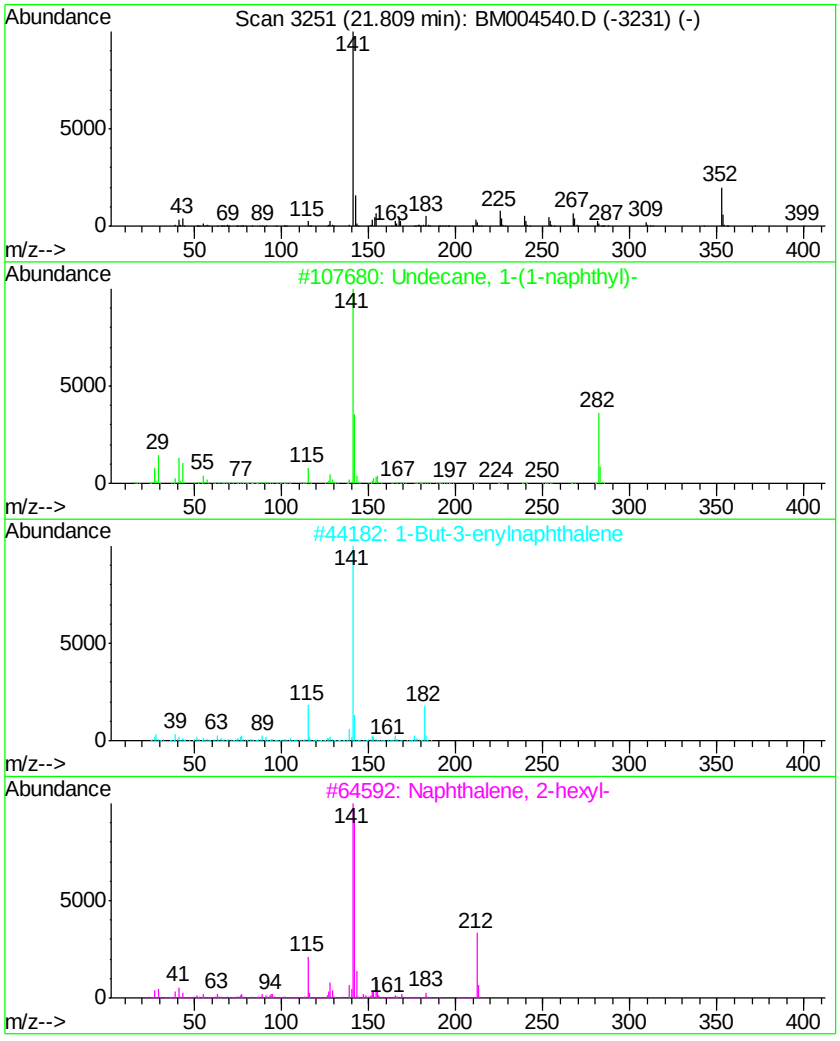
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

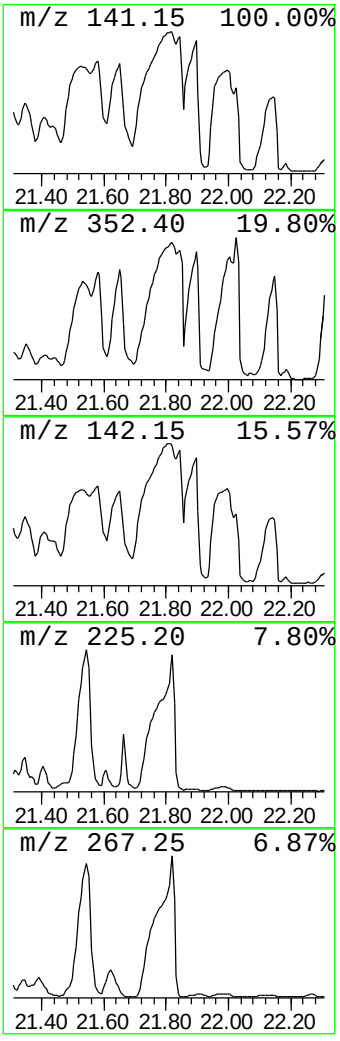
****

Peak Number 22 unknown-09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	794.48 ng/ul	24833300	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 1-(1-naphthyl)-	282	C21H30	007225-71-0	49
2	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	33
3	Naphthalene, 2-hexyl-	212	C16H20	002876-46-2	28
4	Cyclohexanone, O-(1-naphthalenyl...	253	C17H19NO	055045-02-8	9
5	Thiophene-3-carboxamide, N-(2-ch...	267	C12H10ClNO2S	1000268-70-7	9





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Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

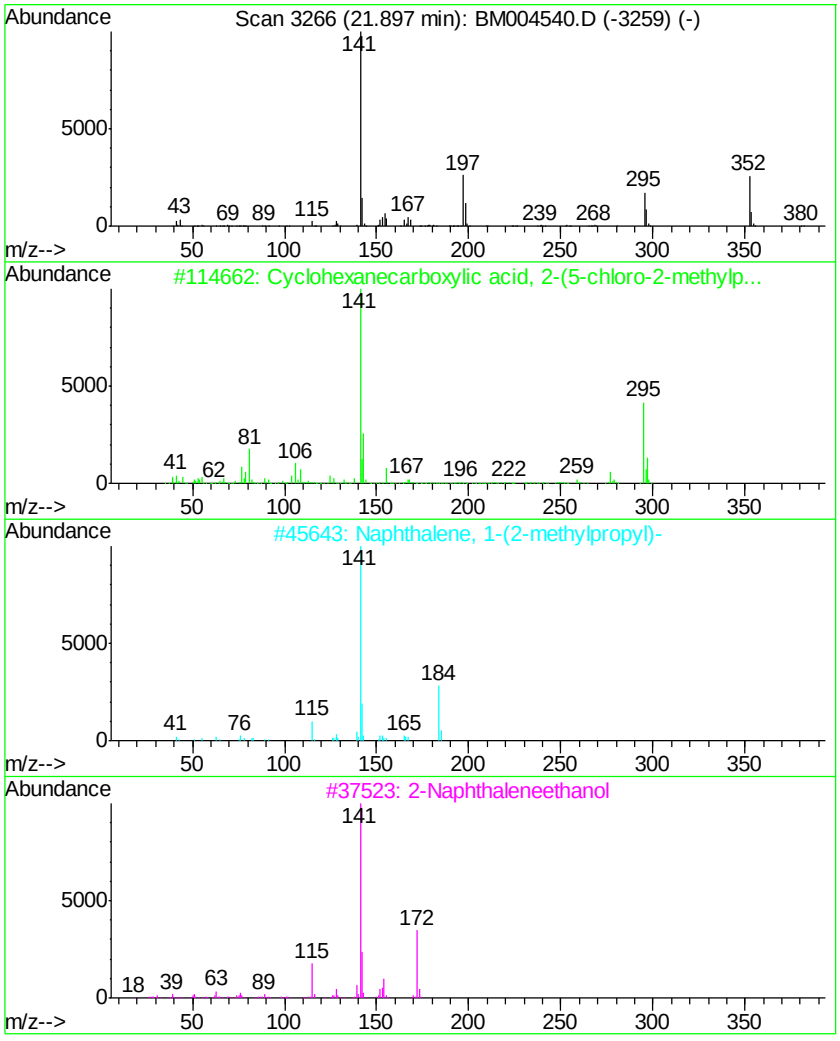
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

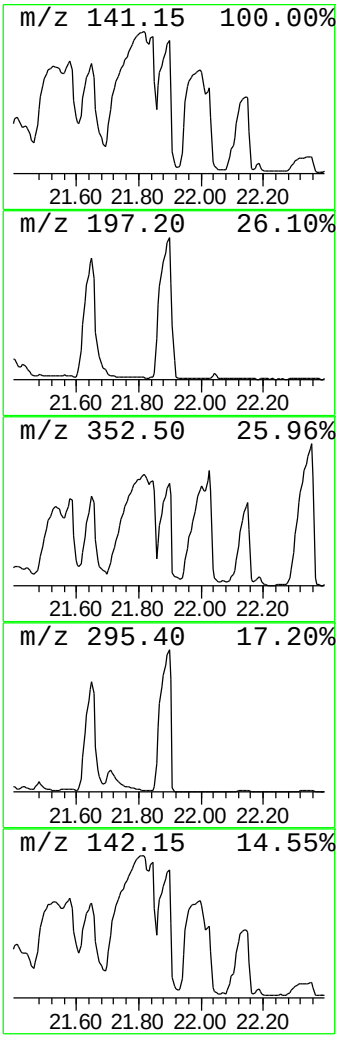
****

Peak Number 23 unknown-10 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	316.95 ng/ul	9906930	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 2-(5...	295	C15H18ClNO3	311766-77-5	38
2	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	25
3	2-Naphthaleneethanol	172	C12H12O	001485-07-0	9
4	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	9
5	Naphthalene, 2,2'-(1,2-ethanediy...	282	C22H18	021969-45-9	9





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Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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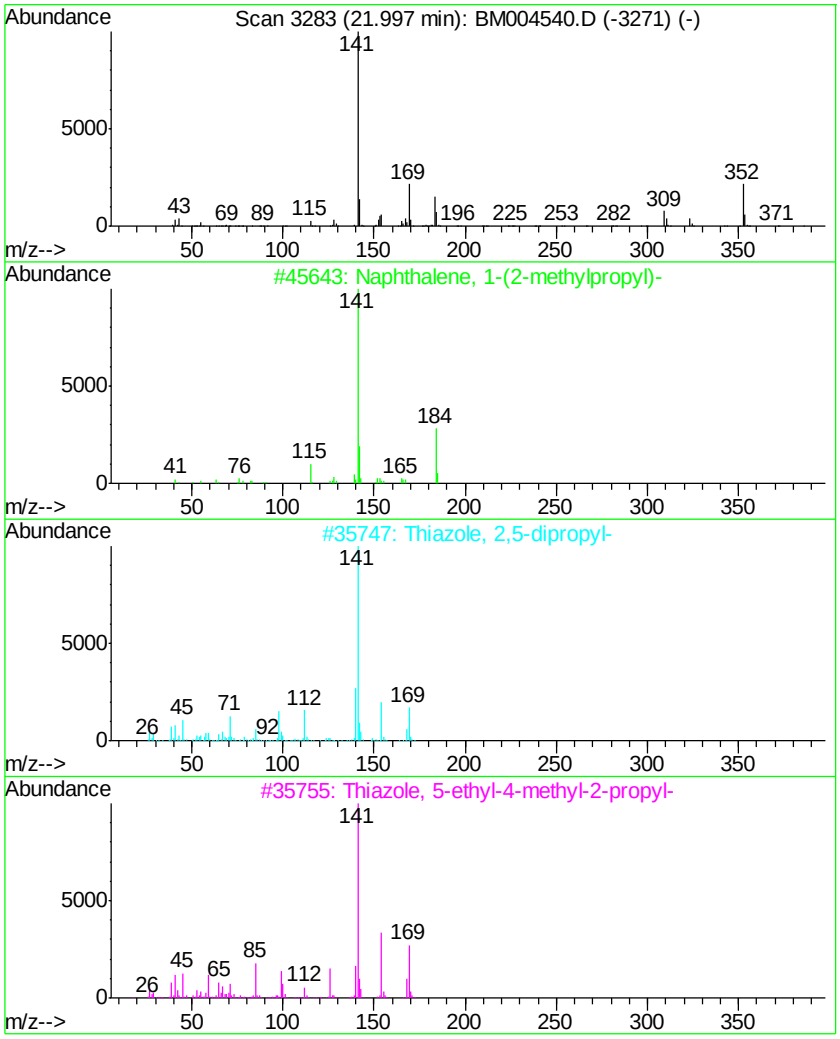
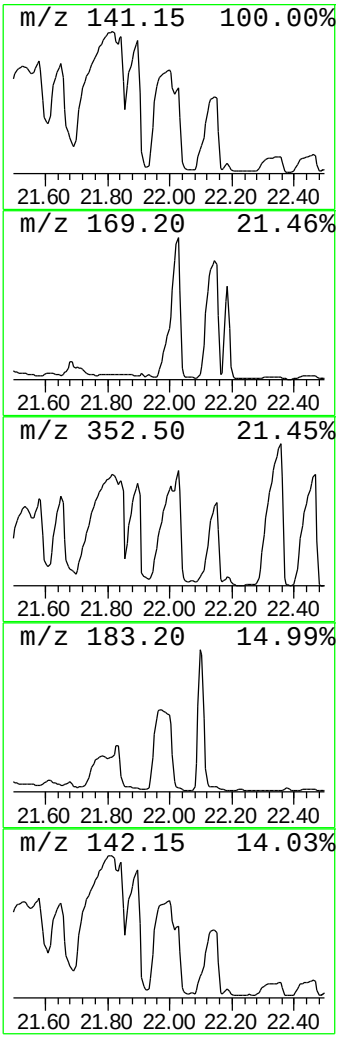
Peak Number 24 unknown-11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	417.65 ng/ul	13054600	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-methylpropyl)-	184	C14H16	016727-91-6	38
2	Thiazole, 2,5-dipropyl-	169	C9H15NS	041981-73-1	33
3	Thiazole, 5-ethyl-4-methyl-2-pro...	169	C9H15NS	041981-78-6	33
4	1-[5-Nitro-6-uracilyl]-2-[2-chlo...	293	C12H8ClN3O4	296798-53-3	23
5	Methyl 8-oxo-cis-2-nonenoate	184	C10H16O3	028297-04-3	9





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Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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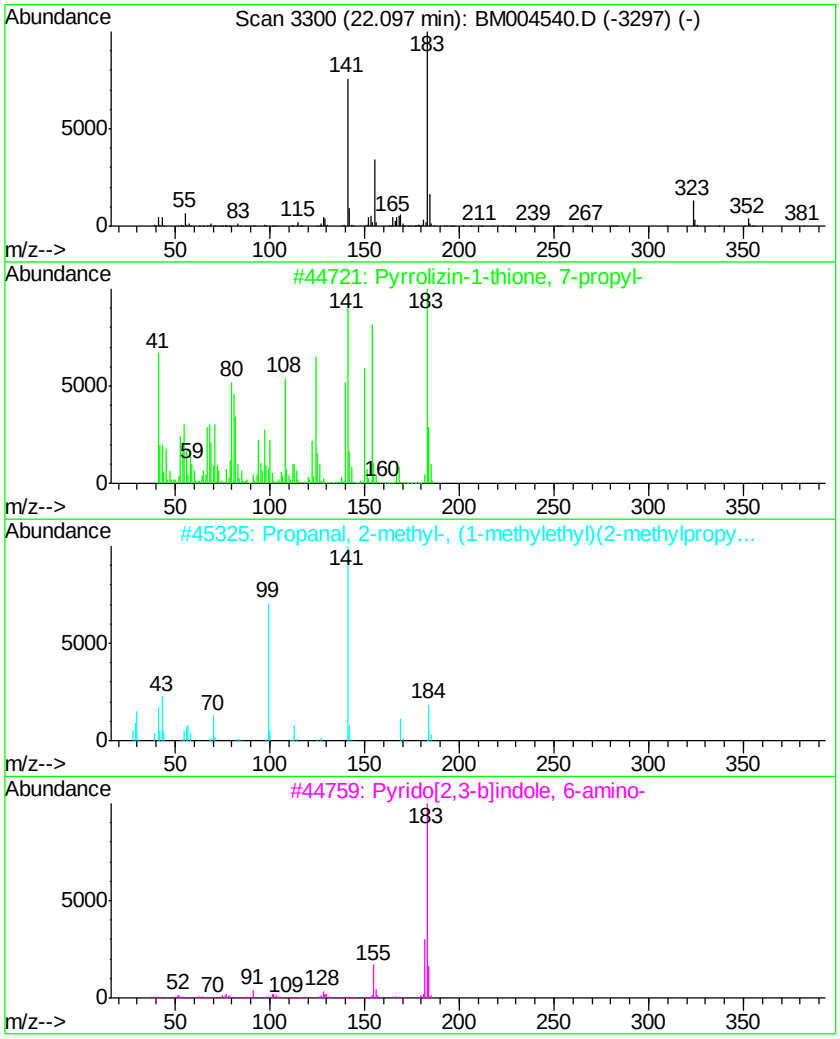
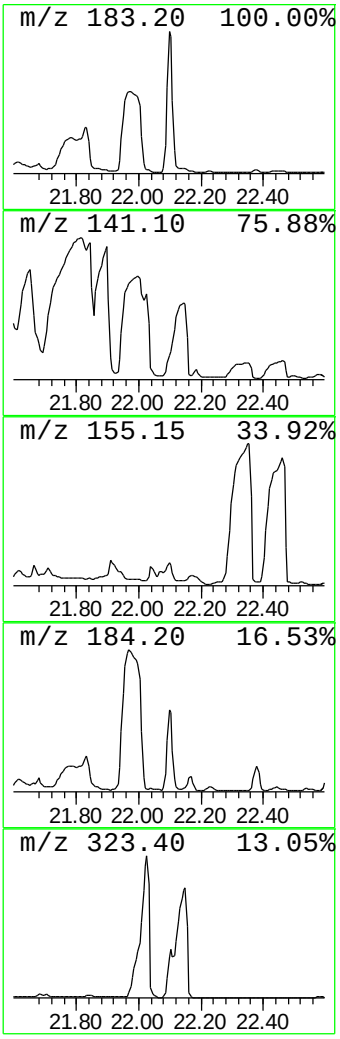
Peak Number 25 unknown-12 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	62.78 ng/ul	1962450	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolizin-1-thione, 7-propyl-	183	C10H17NS	1000125-99-7	35
2	Propanal, 2-methyl-, (1-methylet...	184	C11H24N2	075268-02-9	35
3	Pyrido[2,3-b]indole, 6-amino-	183	C11H9N3	006453-26-5	27
4	2-Propanone, bis(2-methylpropyl)...	184	C11H24N2	052835-12-8	27
5	3-Methyldiphenylamine	183	C13H13N	001205-64-7	27





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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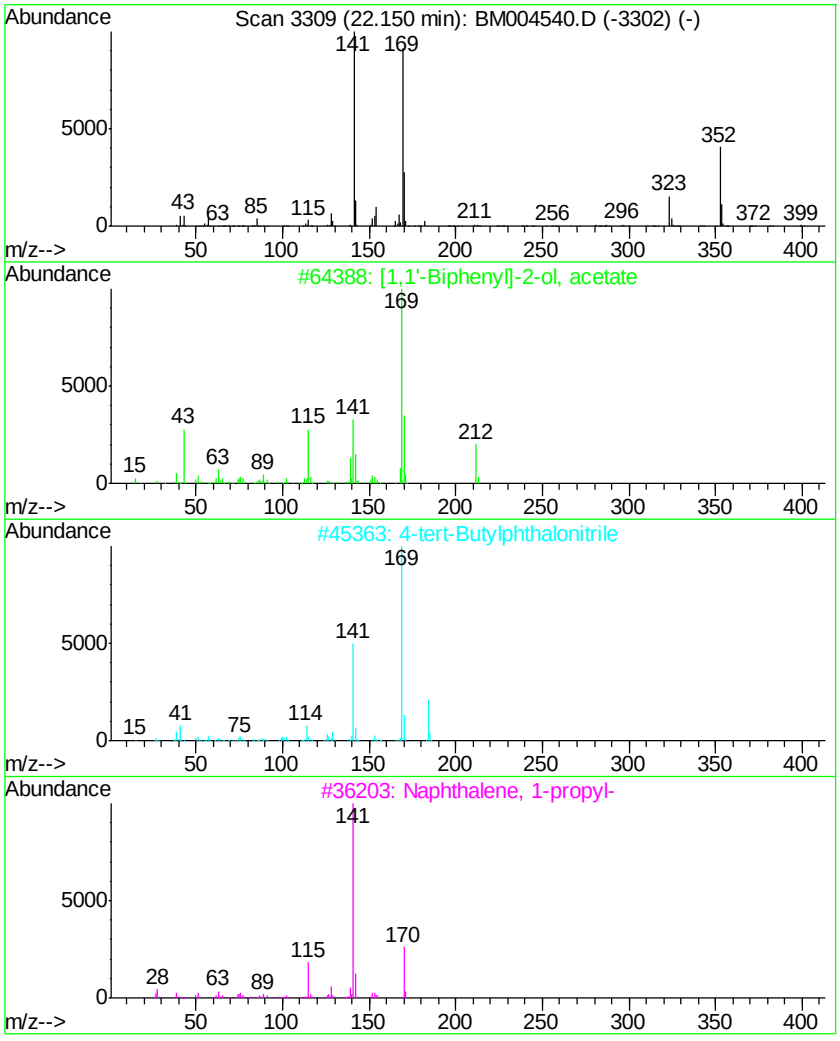
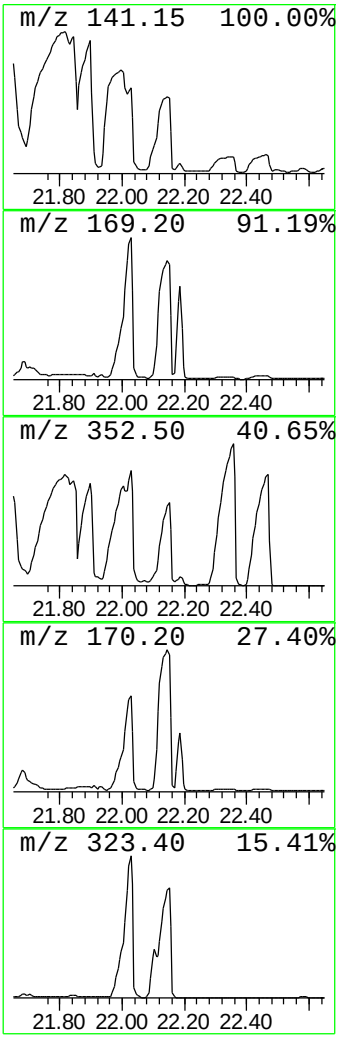
Peak Number 26 unknown-13 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	214.83 ng/ul	6714910	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2-ol, acetate	212	C14H12O2	003271-80-5	35
2	4-tert-Butylphthalonitrile	184	C12H12N2	032703-80-3	33
3	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	30
4	Pyridine, 3-methyl-4-phenyl-	169	C12H11N	002052-92-8	17
5	Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	212	C16H20	007070-09-9	17





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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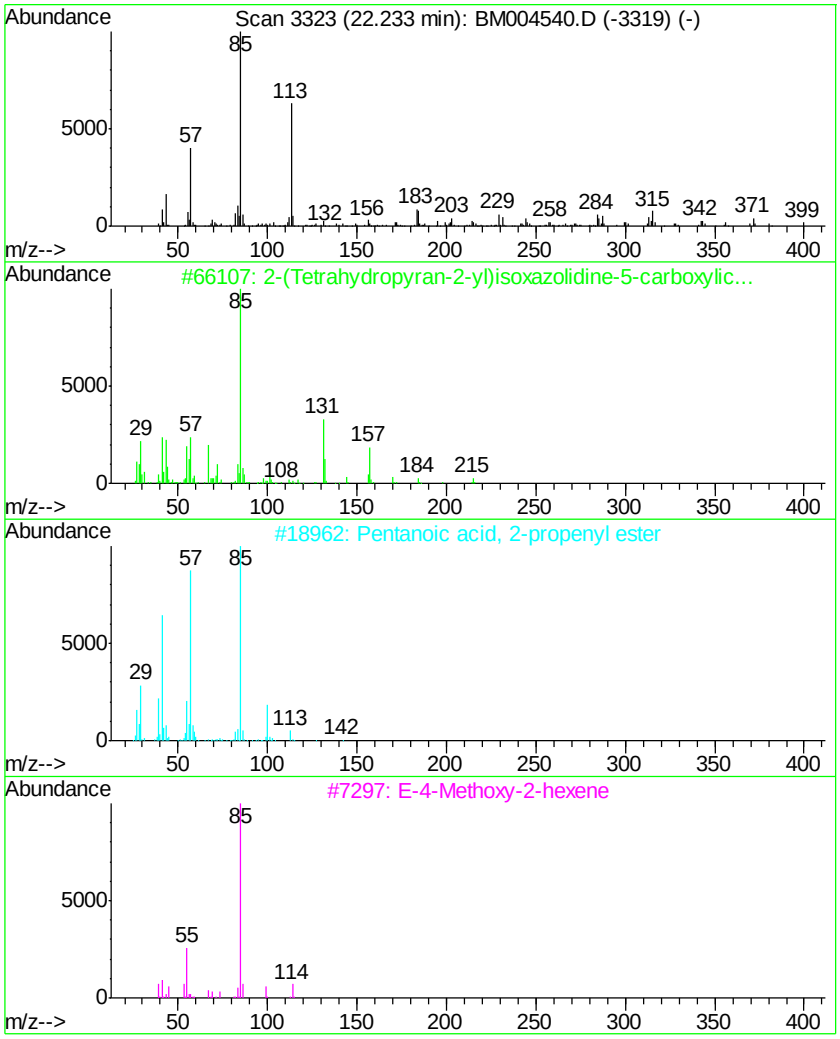
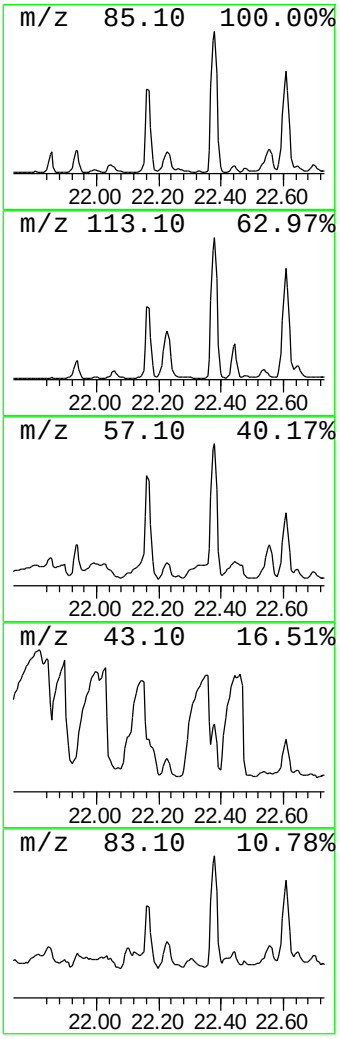
Peak Number 27 unknown-14 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	8.51 ng/ul	266057	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Tetrahydropyran-2-yl)isoxazol...	215	C10H17NO4	1000187-10-6	43
2	Pentanoic acid, 2-propenyl ester	142	C8H14O2	006321-45-5	43
3	E-4-Methoxy-2-hexene	114	C7H14O	1000279-61-2	38
4	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	38
5	10-(Tetrahydro-pyran-2-yloxy)-tr...	252	C15H24O3	1000192-28-8	32





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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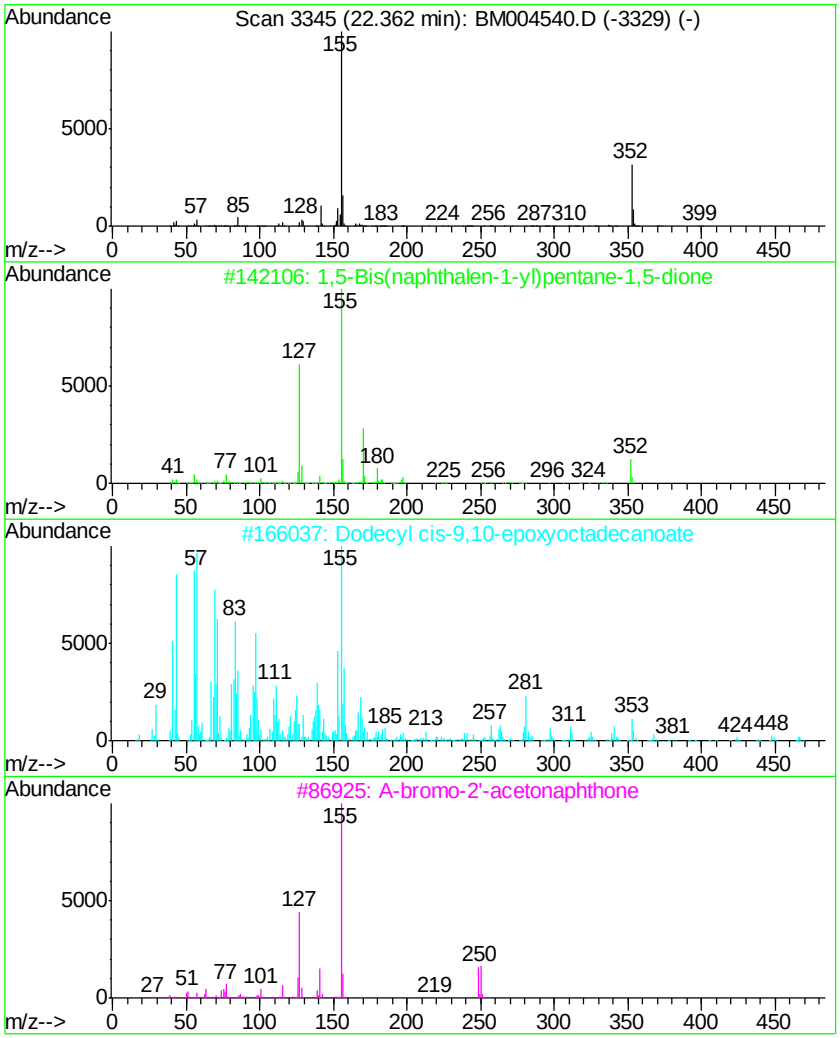
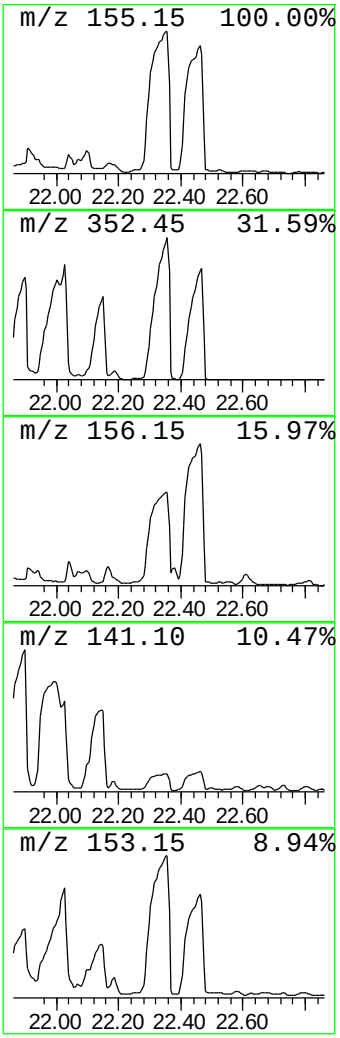
Peak Number 28 1,5-Bis(naphthalen-1-yl)pen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	581.57 ng/ul	15391500	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Bis(naphthalen-1-yl)pentane-...	352	C25H20O2	1000210-52-9	72
2	Dodecyl cis-9,10-epoxyoctadecanoate	466	C30H58O3	092332-53-1	47
3	A-bromo-2'-acetonaphthone	248	C12H9BrO	000613-54-7	36
4	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	33
5	Phenylpropionic acid, .alpha.-am...	229	C10H12FNO4	1000126-07-3	28





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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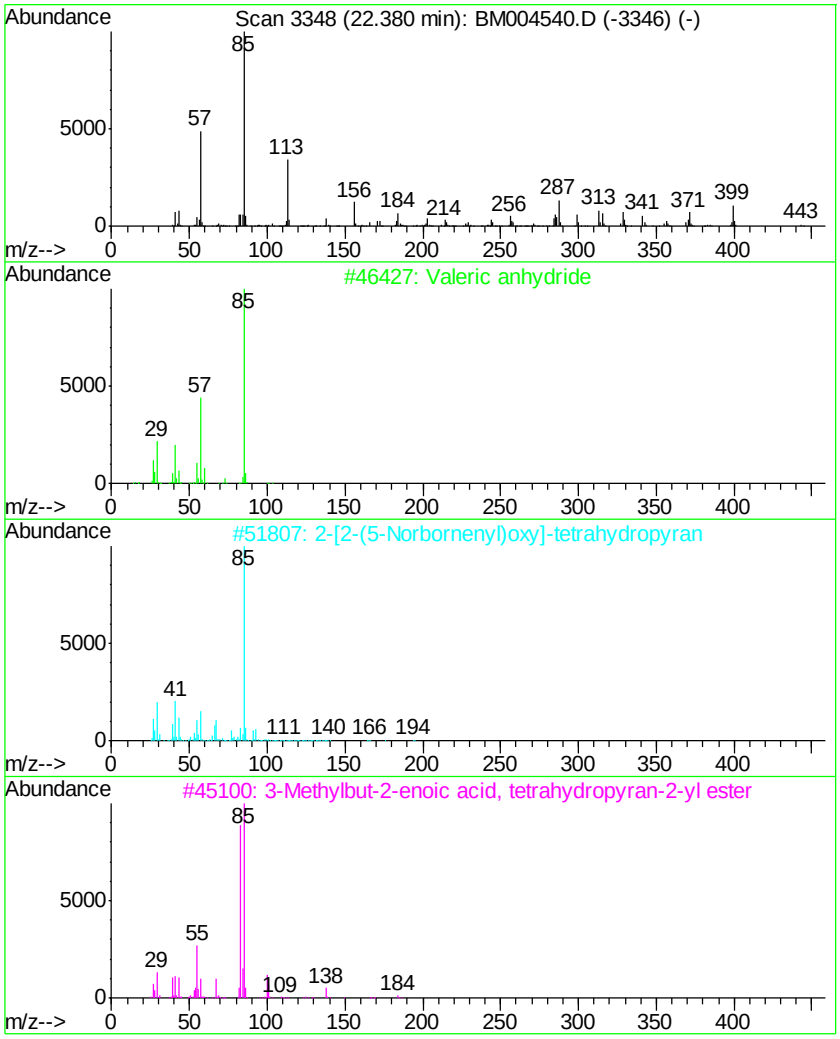
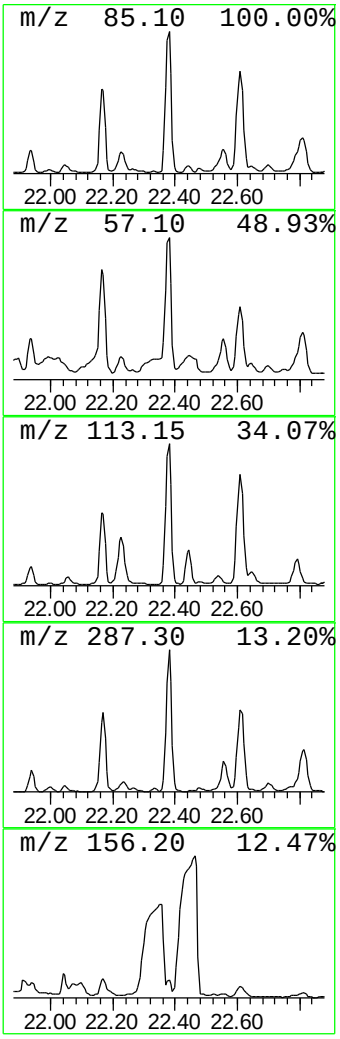
Peak Number 29 unknown-15 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	58.42 ng/ul	1546230	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valeric anhydride	186	C10H18O3	002082-59-9	32
2	2-[2-(5-Norbornenyl)oxy]-tetrahy...	194	C12H18O2	122685-23-8	32
3	3-Methylbut-2-enoic acid, tetrah...	184	C10H16O3	1000187-32-6	23
4	2H-Pyran, 2,2'-[1,6-hexanediylbi...	286	C16H30O4	015057-15-5	23
5	2H-Pyran, 2-[(2-furanylmethoxy)m...	196	C11H16O3	054845-37-3	23





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

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

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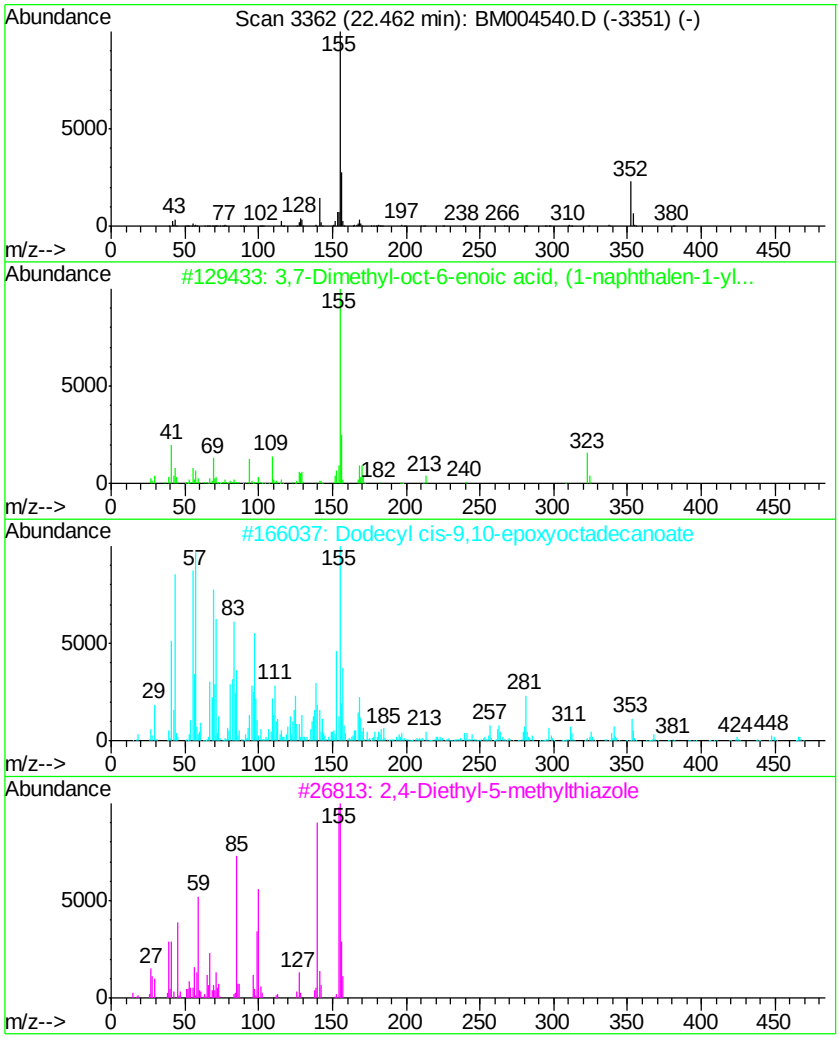
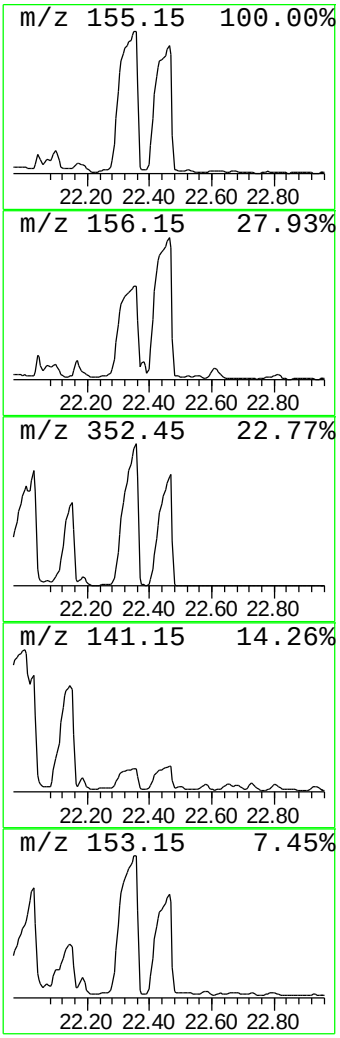
Peak Number 30 unknown-16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	503.15 ng/ul	13316200	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyl-oct-6-enoic acid, (...	323	C22H29NO	1000194-84-6	42
2	Dodecyl cis-9,10-epoxyoctadecanoate	466	C30H58O3	092332-53-1	28
3	2,4-Diethyl-5-methylthiazole	155	C8H13NS	052414-89-8	9
4	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	9
5	Propanedioic acid, (1-ethylbutyl...	214	C11H18O4	092747-24-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004540.D
Acq On : 03 Mar 2016 20:13
Operator : SJ/UM
Sample : H1616-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLDG06-P001-SS001-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.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
(DEL) Alkane: Str...	14.60	38.1	ng/ul	772975	3	14.26	405783	20.0
Octadecane, 1-iodo-	14.84	15.5	ng/ul	315377	3	14.26	405783	20.0
(DEL) Alkane: Str...	15.11	23.6	ng/ul	479224	3	14.26	405783	20.0
2-Naphthyl methyl...	15.54	30.1	ng/ul	610576	3	14.26	405783	20.0
1'-Acetonaphthone	18.64	25.7	ng/ul	455768	4	17.01	354424	20.0
Ethyldiphenylphos...	18.87	60.1	ng/ul	1065170	4	17.01	354424	20.0
Ethanol, 2-(diphe...	19.54	14.0	ng/ul	437120	5	21.23	625142	20.0
Furan, tetrahydro...	20.52	11.6	ng/ul	362023	5	21.23	625142	20.0
Naphthalene, 2,2'...	20.62	8.9	ng/ul	278918	5	21.23	625142	20.0
unknown-01	20.82	30.2	ng/ul	944782	5	21.23	625142	20.0
unknown-02	20.83	28.4	ng/ul	887600	5	21.23	625142	20.0
unknown-03	20.88	20.6	ng/ul	642901	5	21.23	625142	20.0
unknown-04	20.93	8.9	ng/ul	277239	5	21.23	625142	20.0
Naphthalene, 1-(2...	20.99	56.9	ng/ul	1779370	5	21.23	625142	20.0
unknown-05	21.06	13.7	ng/ul	427644	5	21.23	625142	20.0
Thiazole, 2,4-dip...	21.13	64.9	ng/ul	2028050	5	21.23	625142	20.0
unknown-06	21.31	33.3	ng/ul	1039270	5	21.23	625142	20.0
unknown-07	21.53	327.4	ng/ul	10233000	5	21.23	625142	20.0
unknown-08	21.65	248.9	ng/ul	7780000	5	21.23	625142	20.0
unknown-09	21.81	794.5	ng/ul	24833300	5	21.23	625142	20.0
unknown-10	21.90	316.9	ng/ul	9906930	5	21.23	625142	20.0
unknown-11	22.00	417.6	ng/ul	13054600	5	21.23	625142	20.0
unknown-12	22.10	62.8	ng/ul	1962450	5	21.23	625142	20.0
unknown-13	22.15	214.8	ng/ul	6714910	5	21.23	625142	20.0
unknown-14	22.23	8.5	ng/ul	266057	5	21.23	625142	20.0
1,5-Bis(naphthale...	22.36	581.6	ng/ul	15391500	6	23.48	529310	20.0
unknown-15	22.38	58.4	ng/ul	1546230	6	23.48	529310	20.0
unknown-16	22.46	503.1	ng/ul	13316200	6	23.48	529310	20.0