LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

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-BG080915.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	3.132	43	50	52	rBV	53129	87361	0.57%	0.066%
2	3.161	52	55	65	rVV	93145	152583	0.99%	0.116%
3	3.255	65	71	80	rVB	37465	67794	0.44%	0.052%
4	3.819	161	167	174	rVB	90583	138579	0.90%	0.105%
5	3.990	191	196	203	rBV	97418	149391	0.97%	0.114%
6	4.571	292	295	302	rVB4	21845	37404	0.24%	0.028%
7	5.224	400	406	413	rBV6	19322	35487	0.23%	0.027%
8	5.464	440	447	452	rBV3	15451	34577	0.22%	0.026%
9	5.676	478	483	492	rBV3	26295	57056	0.37%	0.043%
10	6.052	541	547	550	rBV2	34353	60075	0.39%	0.046%
11	7.039	707	715	719	rVB3	60256	131308	0.85%	0.100%
12	7.192	735	741	750	rBV	200586	352397	2.28%	0.268%
13	7.262	750	753	758	rVB4	20634	30081	0.19%	0.023%
14	7.356	760	769	777	rBV	245571	421934	2.73%	0.321%
15	7.568	794	805	813	rVB	220719	402488	2.60%	0.306%
16	8.038	878	885	892	rBV	482653	823661	5.33%	0.626%
17	8.408	942	948	953	rBV5	18365	35106	0.23%	0.027%
18	8.596	972	980	988	rVB8	35174	88320	0.57%	0.067%
19	8.737	1000	1004	1012	rVB3	33953	61278	0.40%	0.047%
20	8.855	1019	1024	1031	rVB7	12872	28182	0.18%	0.021%
21	9.195	1074	1082	1089	rVV	296113	531560	3.44%	0.404%
22	9.354	1105	1109	1114	rBV7	17999	30646	0.20%	0.023%
23	9.918	1197	1205	1212	rBV2	276857	507855	3.28%	0.386%
24	10.147	1238	1244	1250	rBV3	50406	89143	0.58%	0.068%
25	10.459	1289	1297	1303	rBV	181402	322987	2.09%	0.245%
26	10.846	1354	1363	1368	rBV	742587	1360377	8.80%	1.034%
27	10.893	1368	1371	1377	rVB	47791	83887	0.54%	0.064%
28	11.628	1489	1496	1502	rBV3	53991	101589	0.66%	0.077%
29	11.763	1514	1519	1526	rVB3	12869	31324	0.20%	0.024%
30	11.869	1532	1537	1541	rBV4	23281	37738	0.24%	0.029%
31	12.215	1591	1596	1599	rBV4	25184	39690	0.26%	0.030%
32	12.497	1634	1644	1649	rVB	103164	179837	1.16%	0.137%
33	12.715	1676	1681	1689	rVB	76008	136770	0.88%	0.104%
34	13.026	1731	1734	1738	rVB3	33446	44675	0.29%	0.034%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

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-BG080915.M
Title : SVOA CALIBRATION

35	13.108	1743	1748	1753	rVV	39308	65827	0.43%	0.050%
36	13.208	1762	1765	1769	rVV2	48335	69857	0.45%	0.053%
37	13.273	1769	1776	1780	rVB5	51135	109109	0.71%	0.083%
38	13.496	1806	1814	1820	rBV3	53024	102459	0.66%	0.078%
39	13.696	1845	1848	1851	rBV2	25915	35132	0.23%	0.027%
40	13.837	1865	1872	1878	rBV3	95095	240619	1.56%	0.183%
41	13.937	1885	1889	1891	rBV5	29097	39446	0.26%	0.030%
42	13.984	1892	1897	1902	rVV	159355	299031	1.93%	0.227%
43	14.066	1902	1911	1915	rVV	756281	1280886	8.28%	0.973%
44	14.113	1915	1919	1923	rVV	301637	438489	2.84%	0.333%
45	14.148	1923	1925	1930	rVB2	96326	114623	0.74%	0.087%
46	14.219	1930	1937	1942	rBV3	77775	156737	1.01%	0.119%
47	14.360	1955	1961	1970	rVB	802762	1331151	8.61%	1.011%
48	14.501	1981	1985	1991	rVB9	37838	63170	0.41%	0.048%
49	14.560	1991	1995	2001	rBV3	81689	117904	0.76%	0.090%
50	14.665	2003	2013	2019	rBV2	1165343	2070107	13.39%	1.573%
51	14.724	2020	2023	2025	rBV3	36654	42952	0.28%	0.033%
52	14.848	2039	2044	2057	rVB2	268005	607991	3.93%	0.462%
53	14.953	2058	2062	2065	rVV3	35798	58218	0.38%	0.044%
54	14.994	2066	2069	2073	rVV4	94689	150302	0.97%	0.114%
55	15.065	2076	2081	2086	rVV2	204988	354851	2.30%	0.270%
56	15.135	2088	2093	2098	rVV	123606	209052	1.35%	0.159%
57	15.188	2098	2102	2108	rVV6	61558	108730	0.70%	0.083%
58	15.282	2114	2118	2122	rVV2	82955	130982	0.85%	0.100%
59	15.329	2122	2126	2131	rVB	87817	129754	0.84%	0.099%
60	15.453	2140	2147	2151	rBV6	82997	216906	1.40%	0.165%
61	15.512	2155	2157	2161	rVB	66533	72661	0.47%	0.055%
62	15.653	2176	2181	2186	rVB	1034732	1527638	9.88%	1.161%
63	15.705	2186	2190	2194	rVV2	129982	169334	1.10%	0.129%
64	15.764	2195	2200	2204	rVB2	234430	347651	2.25%	0.264%
65	15.917	2222	2226	2232	rVB2	160125	233394	1.51%	0.177%
66	16.128	2259	2262	2264	rBV3	35782	48854	0.32%	0.037%
67	16.399	2300	2308	2312	rVB2	293836	617068	3.99%	0.469%
68	16.763	2367	2370	2374	rBV4	56805	92071	0.60%	0.070%
69	17.168	2435	2439	2442	rVV2	106590	133747	0.87%	0.102%
70	17.221	2444	2448	2457	rVB2	265098	420557	2.72%	0.320%
71	17.409	2474	2480	2484	rBV	1392453	2107382	13.63%	1.601%

LSC Area Percent Report

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Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

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-BG080915.M
Title : SVOA CALIBRATION

72	17.450	2484	2487	2491	rVV	688729	951549	6.15%	0.723%
73	17.503	2491	2496	2500	rVV2	946839	1546518	10.00%	1.175%
74	17.539	2500	2502	2506	rVB	306852	363944	2.35%	0.277%
75	17.674	2522	2525	2530	rVB3	110189	140757	0.91%	0.107%
76	18.308	2628	2633	2636	rBV	926485	1301011	8.41%	0.988%
77	18.479	2657	2662	2666	rBV3	353557	585359	3.79%	0.445%
78	18.532	2667	2671	2676	rVB3	993975	1373513	8.88%	1.044%
79	18.708	2694	2701	2707	rVB3	7567423	12318208	79.67%	9.359%
80	18.890	2726	2732	2738	rBV	8216390	11598861	75.02%	8.812%
81	19.037	2750	2757	2761	rVB	9922594	14278573	92.35%	10.848%
82	19.160	2772	2778	2782	rBV	3433942	4797589	31.03%	3.645%
83	19.242	2790	2792	2797	rVB2	257278	326626	2.11%	0.248%
84	19.430	2821	2824	2825	rBV2	268205	300901	1.95%	0.229%
85	19.460	2825	2829	2834	rVV	1860215	2627791	17.00%	1.996%
86	19.524	2834	2840	2845	rVB	10869465	15460635	100.00%	11.746%
87	19.571	2845	2848	2850	rBV2	387174	441626	2.86%	0.336%
88	19.795	2881	2886	2888	rBV2	1227472	1907493	12.34%	1.449%
89	20.300	2970	2972	2975	rBV2	369355	433789	2.81%	0.330%
90	20.629	3026	3028	3035	rVB	504744	726155	4.70%	0.552%
91	20.829	3059	3062	3067	rVB2	790257	926589	5.99%	0.704%
92	21.181	3119	3122	3129	rVB3	829547	1078156	6.97%	0.819%
93	21.334	3143	3148	3155	rVB2	1544064	3173535	20.53%	2.411%
94	21.628	3194	3198	3201	rBV2	823048	1323400	8.56%	1.005%
95	21.886	3237	3242	3247	rVB	1913455	2760826	17.86%	2.098%
96	22.503	3342	3347	3353	rVB	2689820	4242418	27.44%	3.223%
97	23.208	3461	3467	3473	rVB	3082812	5557749	35.95%	4.223%
98	24.025	3599	3606	3618	rVB	3234109	7436027	48.10%	5.650%
99	24.995	3763	3771	3779	rVB	2554505	6394444	41.36%	4.858%
100	26.140	3959	3966	3976	rVB	2076592	6240085	40.36%	4.741%

Sum of corrected areas: 131621909

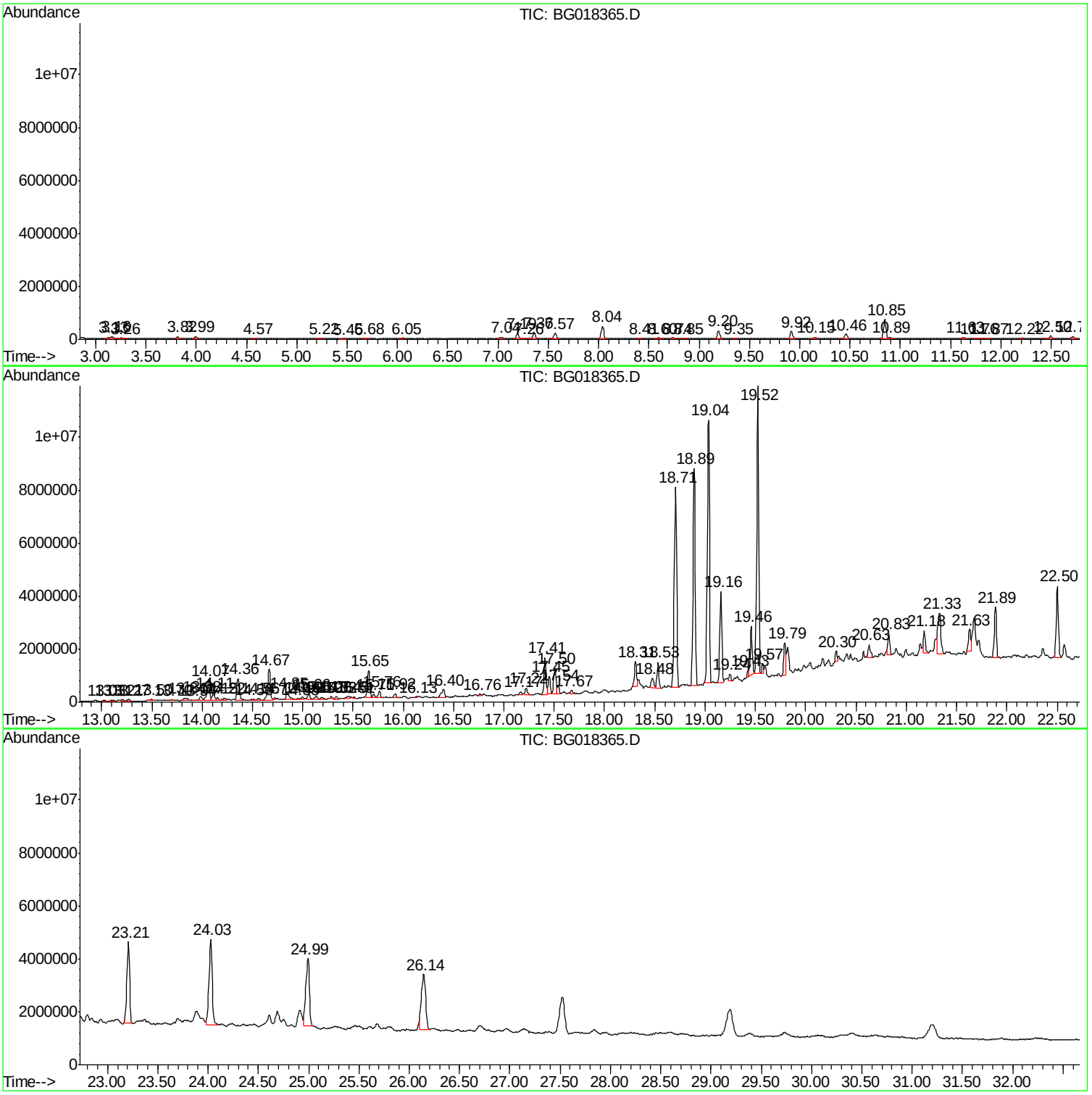
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

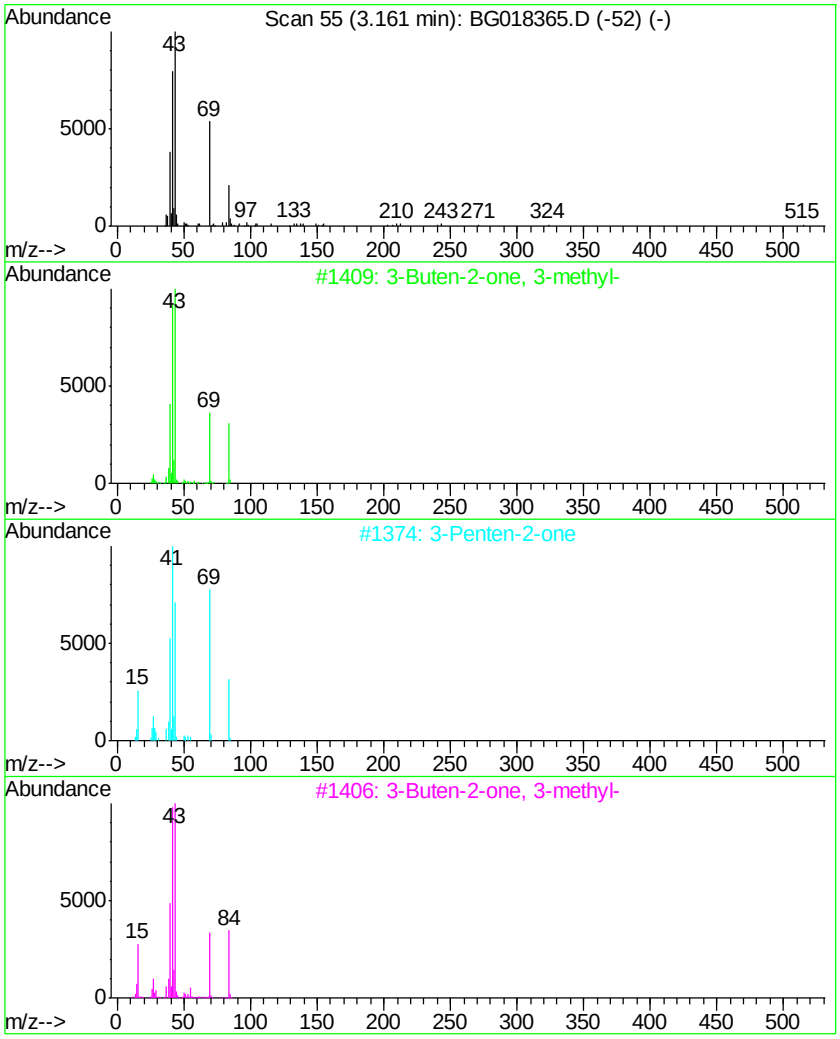
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

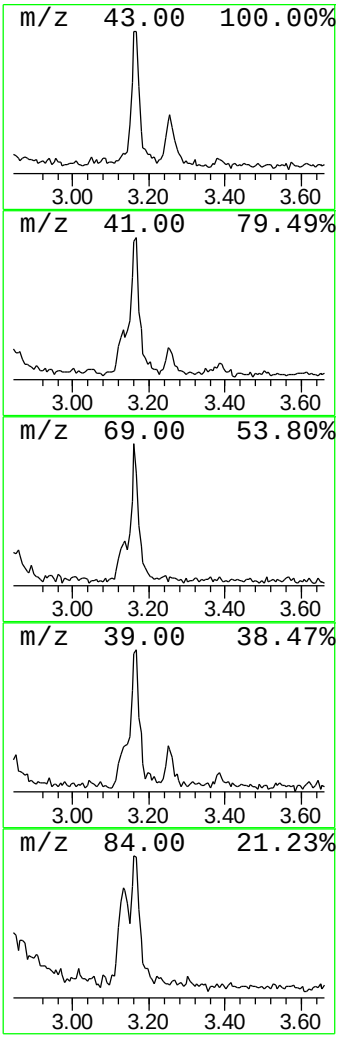
****

Peak Number 2 3-Buten-2-one, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	3.71 ng/ul	152583	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	80
2	3-Penten-2-one	84	C5H8O	000625-33-2	72
3	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	64
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	59
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

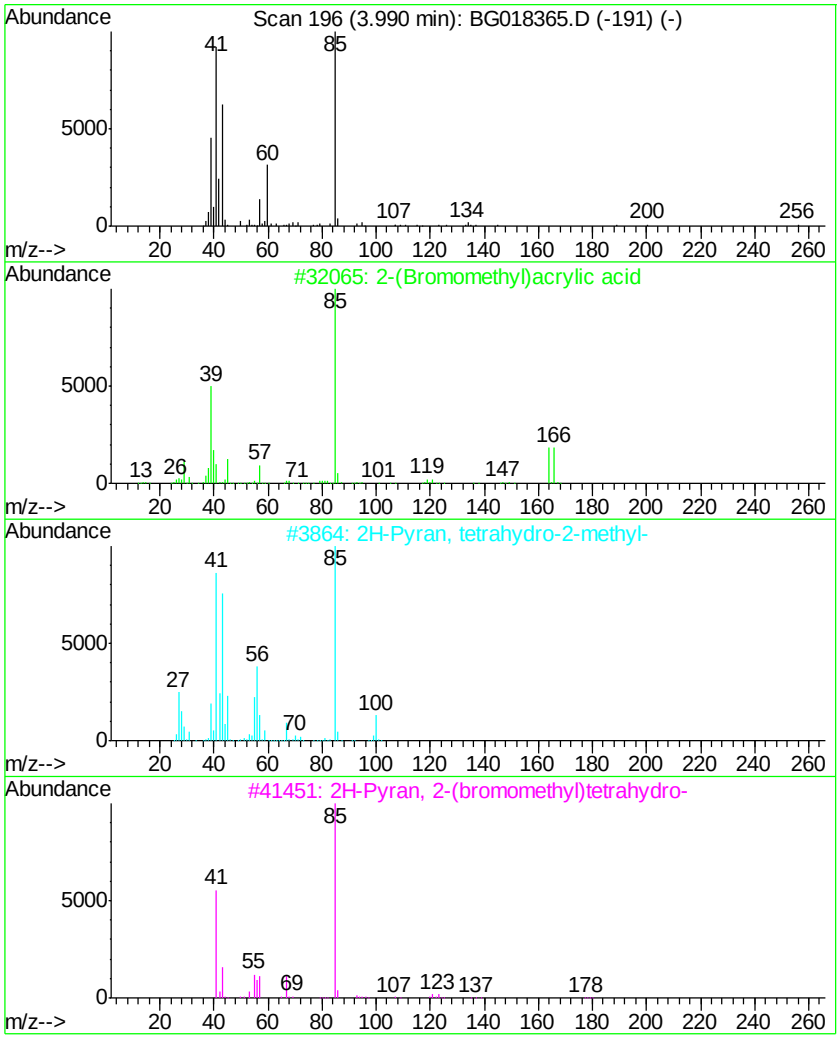
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

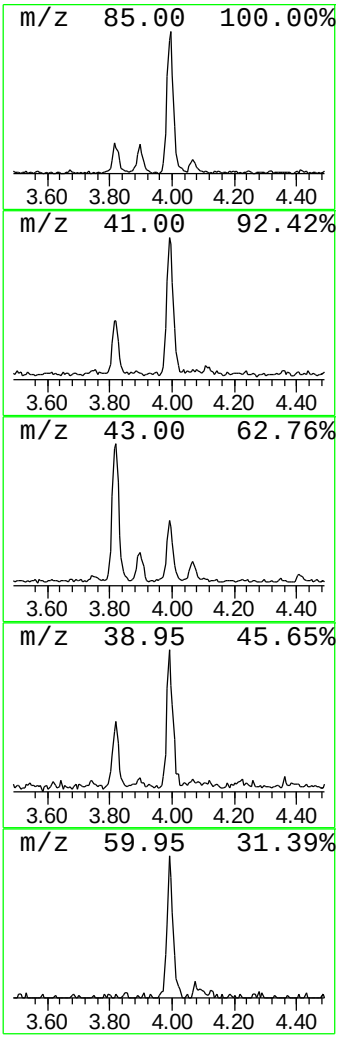
****

Peak Number 4 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	3.63 ng/ul	149391	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	40
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	40
3	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	33
4	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	28
5	2-(8-Chloro-3,7-dimethyl-octa-2,...	272	C15H25ClO2	118197-64-1	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
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Operator : UM/MA
Sample : G3109-03
Misc :
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Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

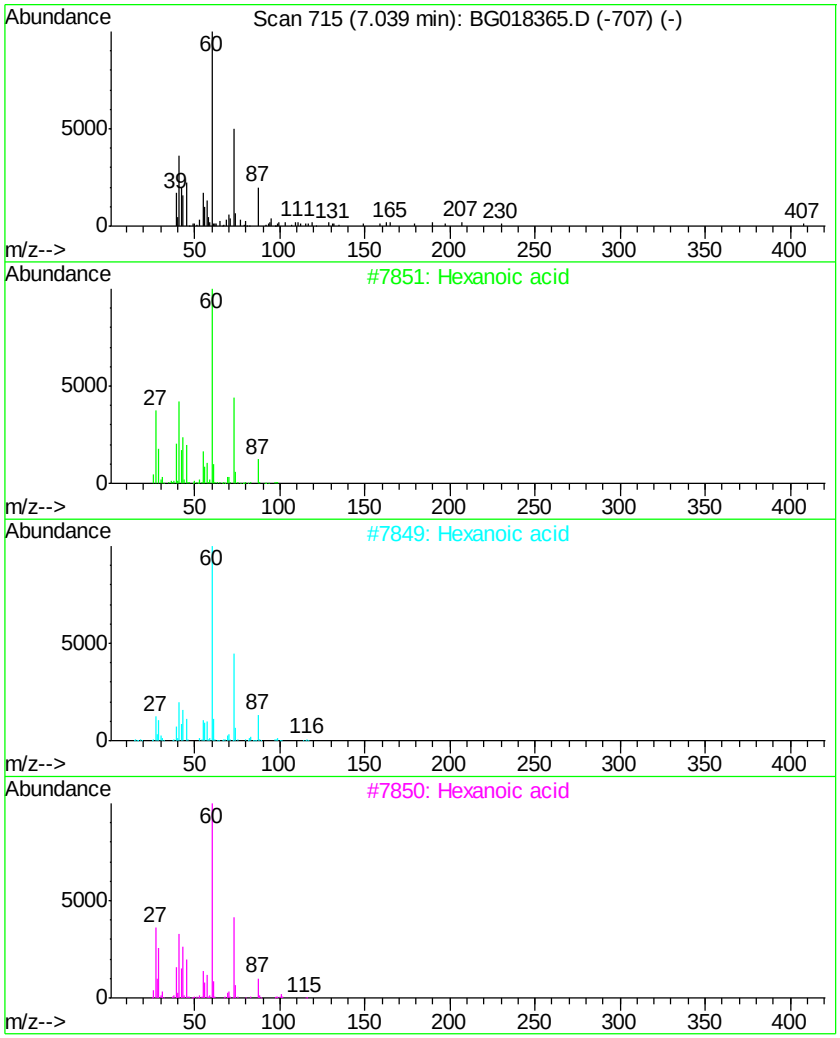
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

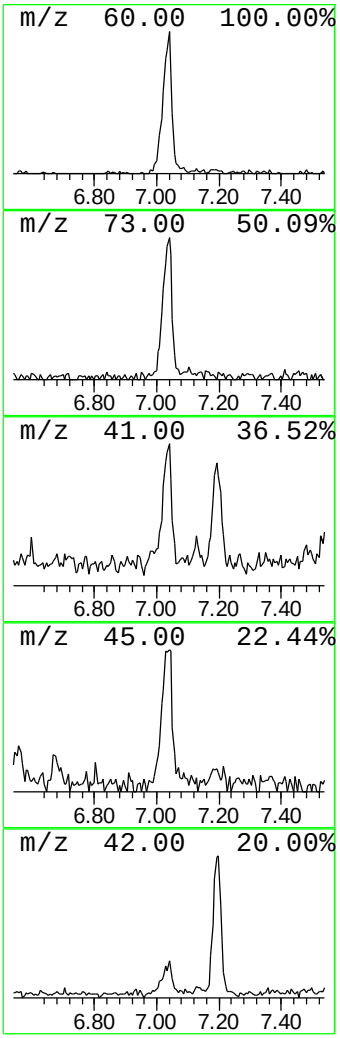
****

Peak Number 5 Hexanoic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	3.19 ng/ul	131308	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	72
2	Hexanoic acid	116	C6H12O2	000142-62-1	59
3	Hexanoic acid	116	C6H12O2	000142-62-1	56
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
5	Heptanoic acid	130	C7H14O2	000111-14-8	28





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

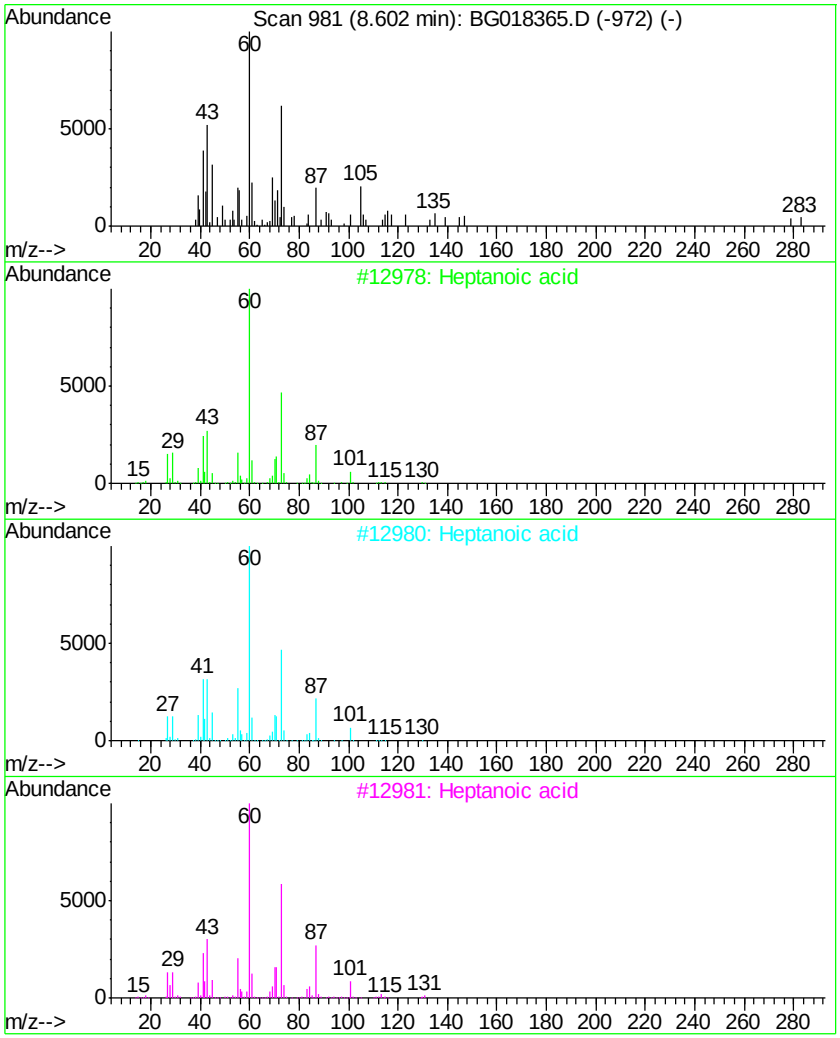
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

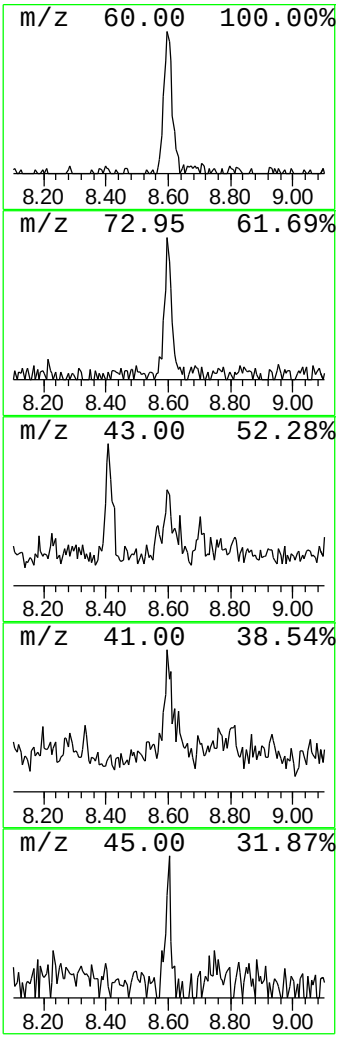
****

Peak Number 6 Heptanoic acid Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.14 ng/ul	88320	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	58
2	Heptanoic acid	130	C7H14O2	000111-14-8	50
3	Heptanoic acid	130	C7H14O2	000111-14-8	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	43
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

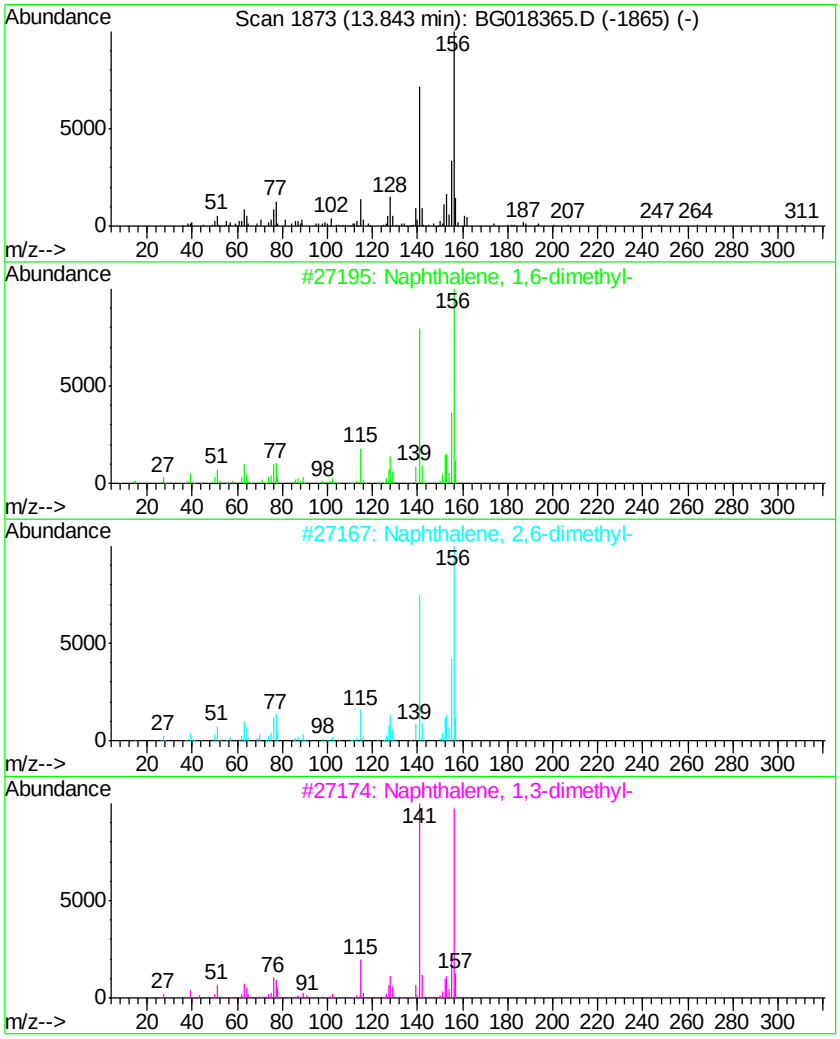
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

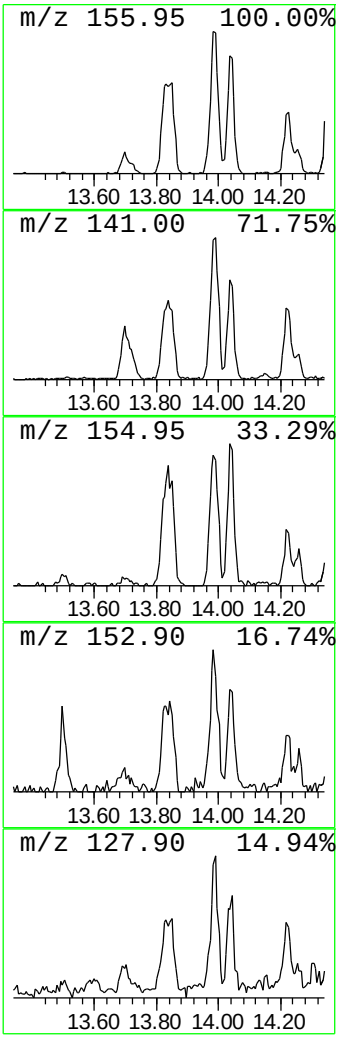
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	2.32 ng/ul	240619	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

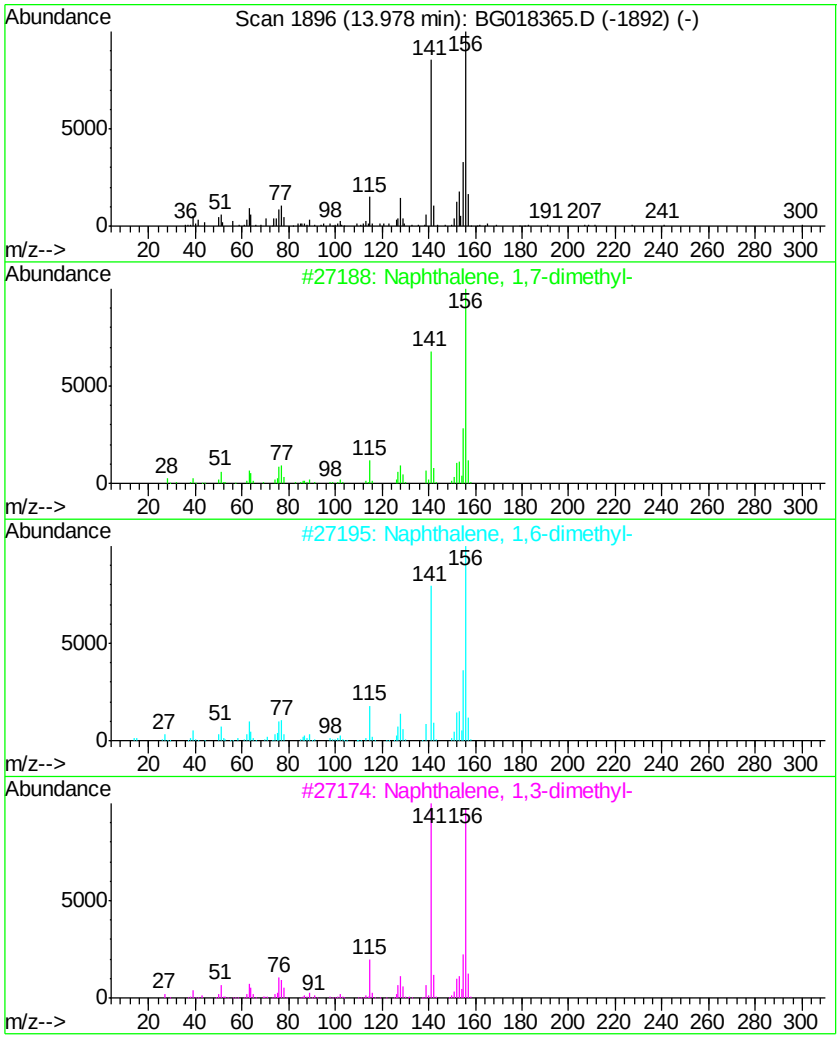
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

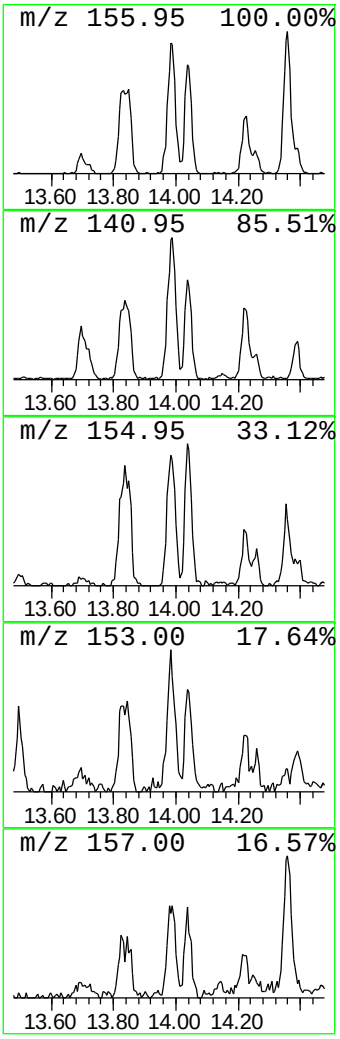
****

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.89 ng/ul	299031	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Library Search Compound Report

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Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

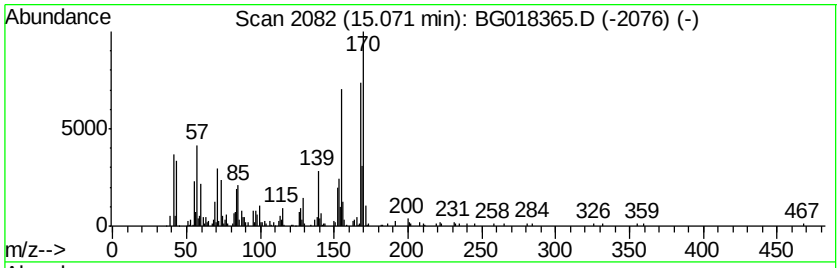
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

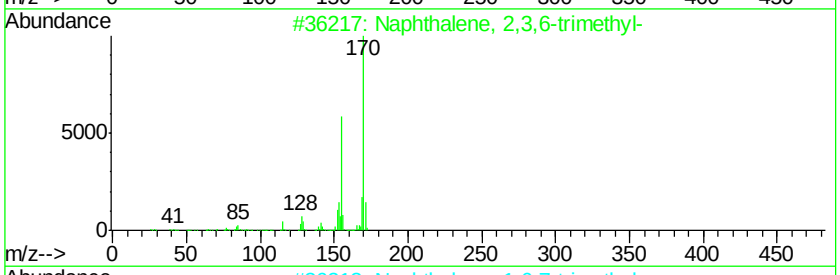
****

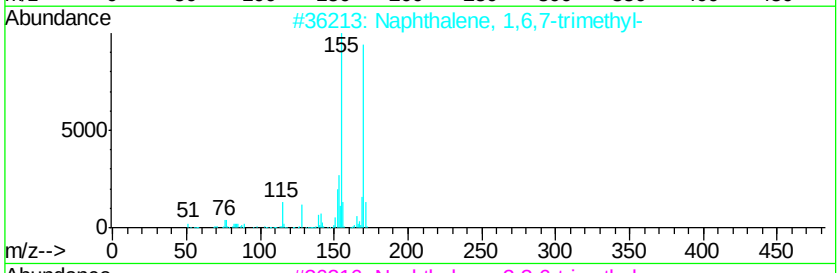
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 25

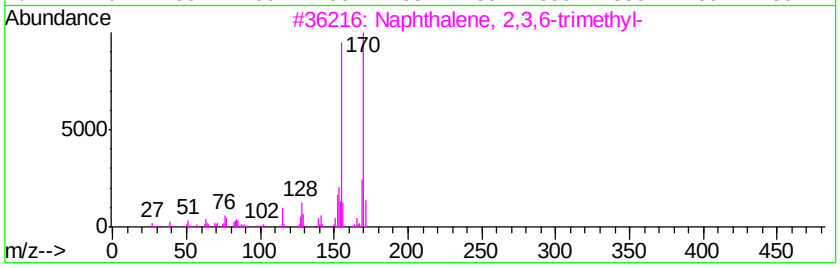
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	3.43 ng/ul	354851	Acenaphthene-d10	14.67

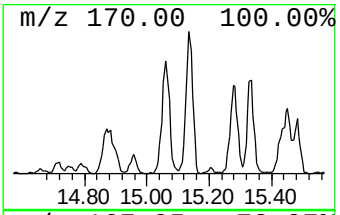
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60

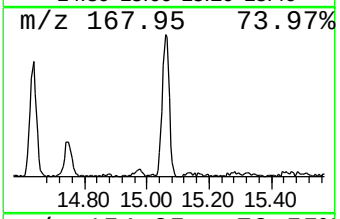


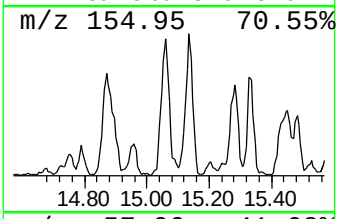


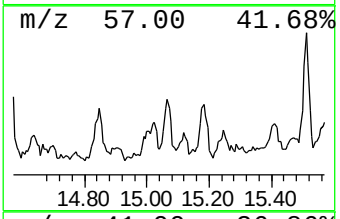


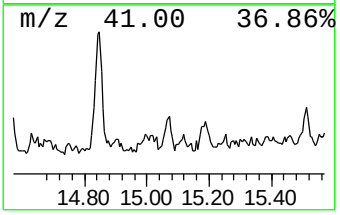












Library Search Compound Report

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Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

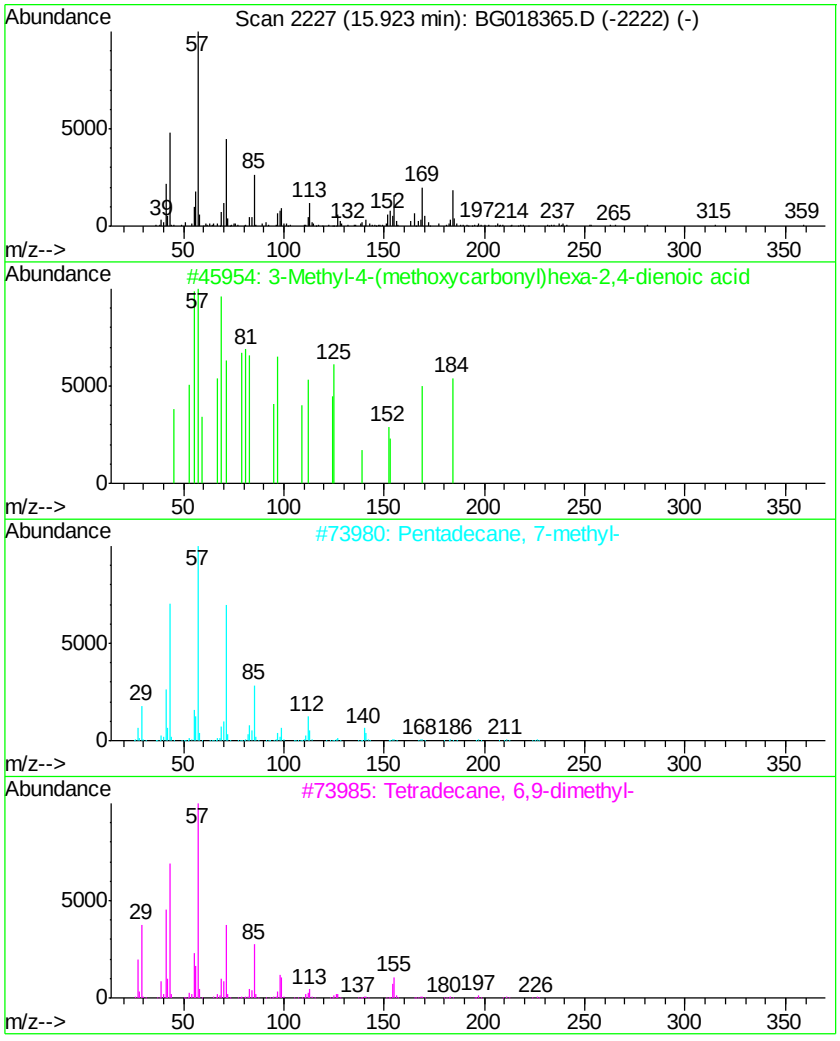
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

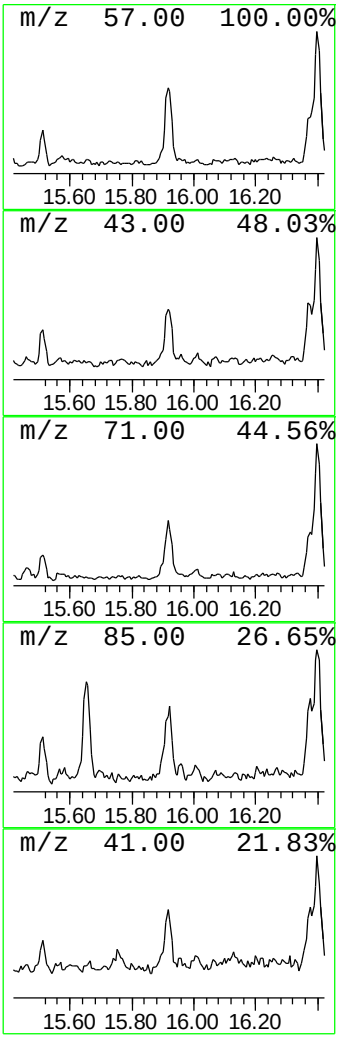
****

Peak Number 12 3-Methyl-4-(methoxycarbonyl... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.25 ng/ul	233394	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	55
3	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	45
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	43
5	Dodecane	170	C12H26	000112-40-3	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

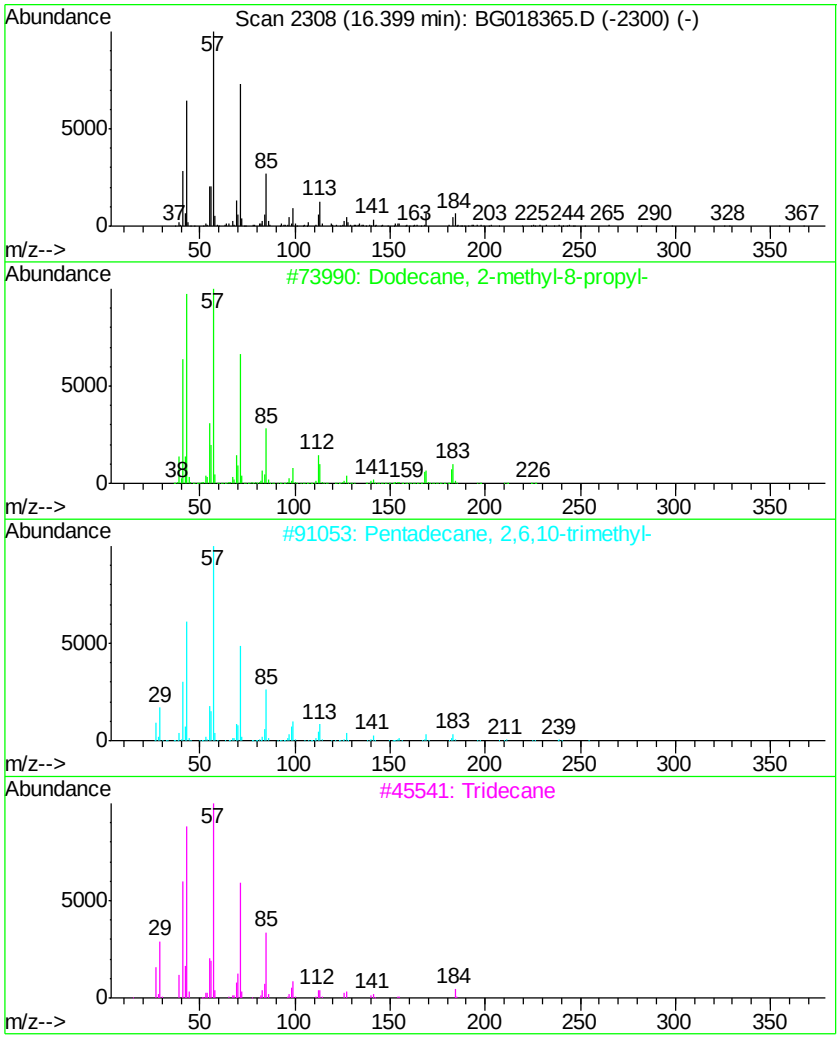
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

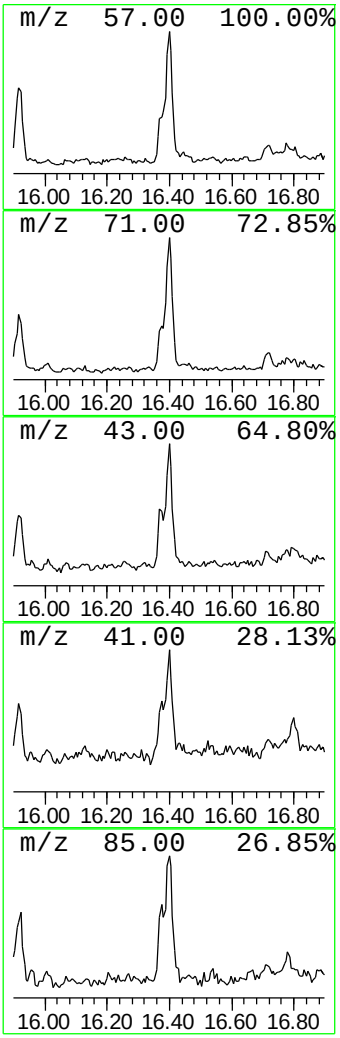
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	5.86 ng/ul	617068	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	93
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	76





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Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

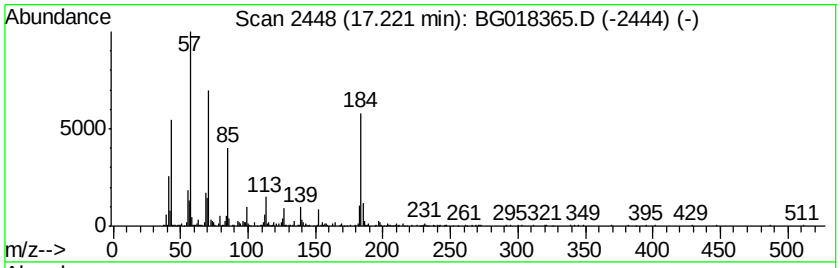
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

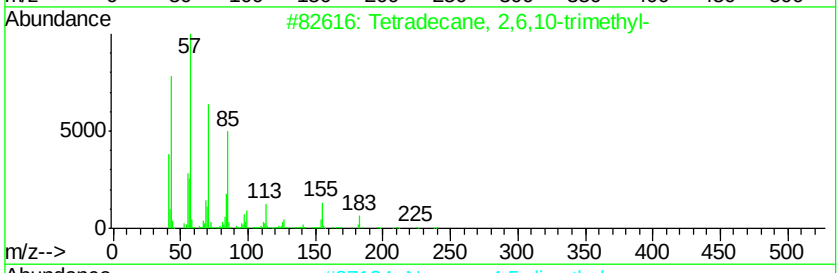
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

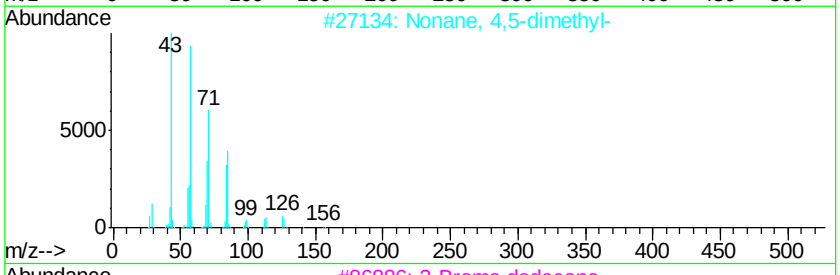
****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 22

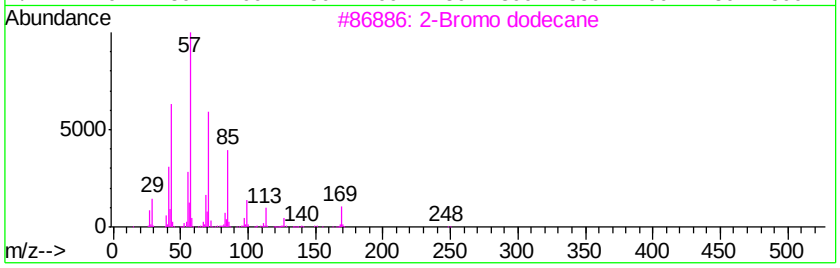
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	3.99 ng/ul	420557	Phenanthrene-d10	17.41

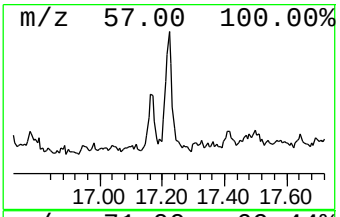
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	53
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	43
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	43
5	Decane, 3-methyl-	156	C11H24	013151-34-3	43

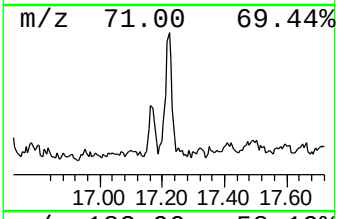


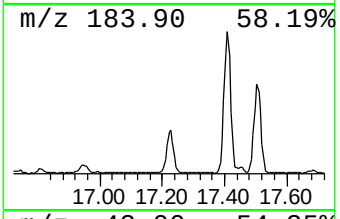


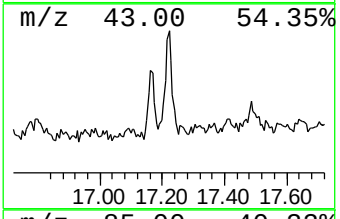


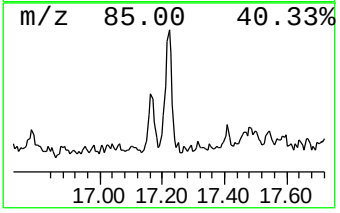












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

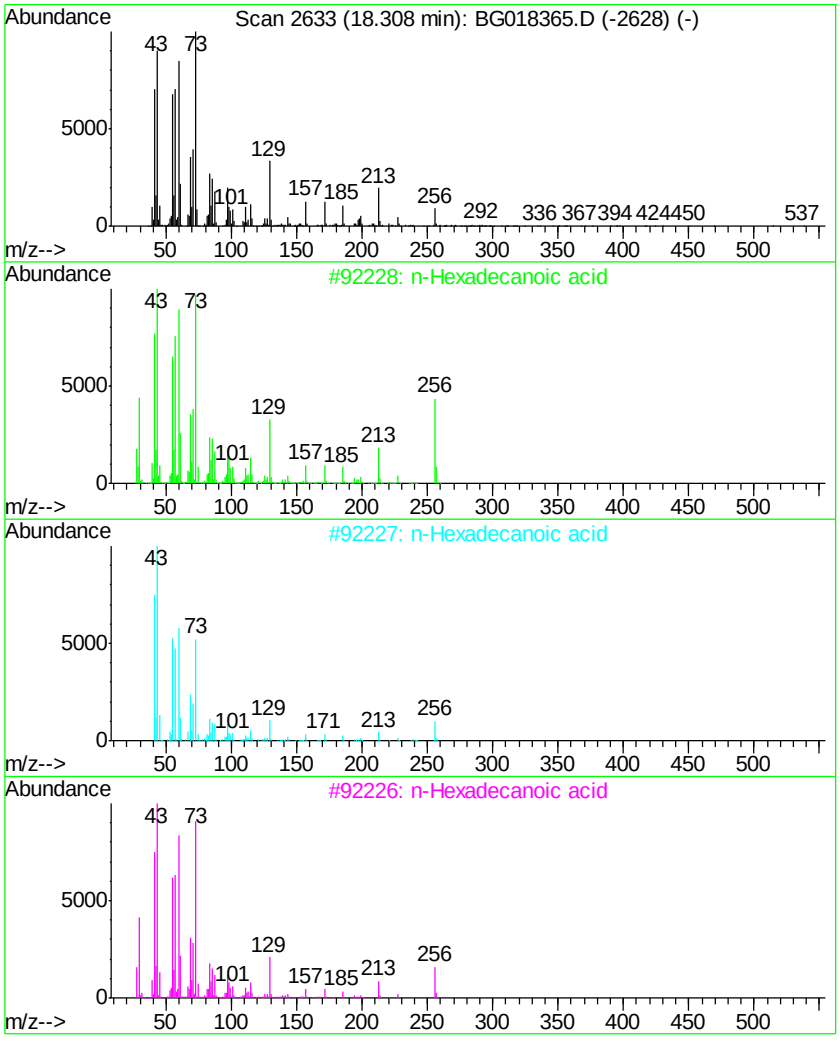
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

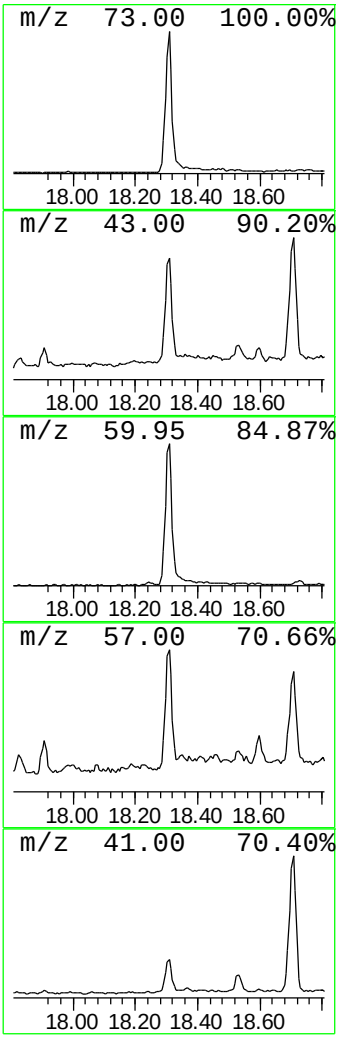
****

Peak Number 15 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	12.35 ng/ul	1301010	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





Library Search Compound Report

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Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

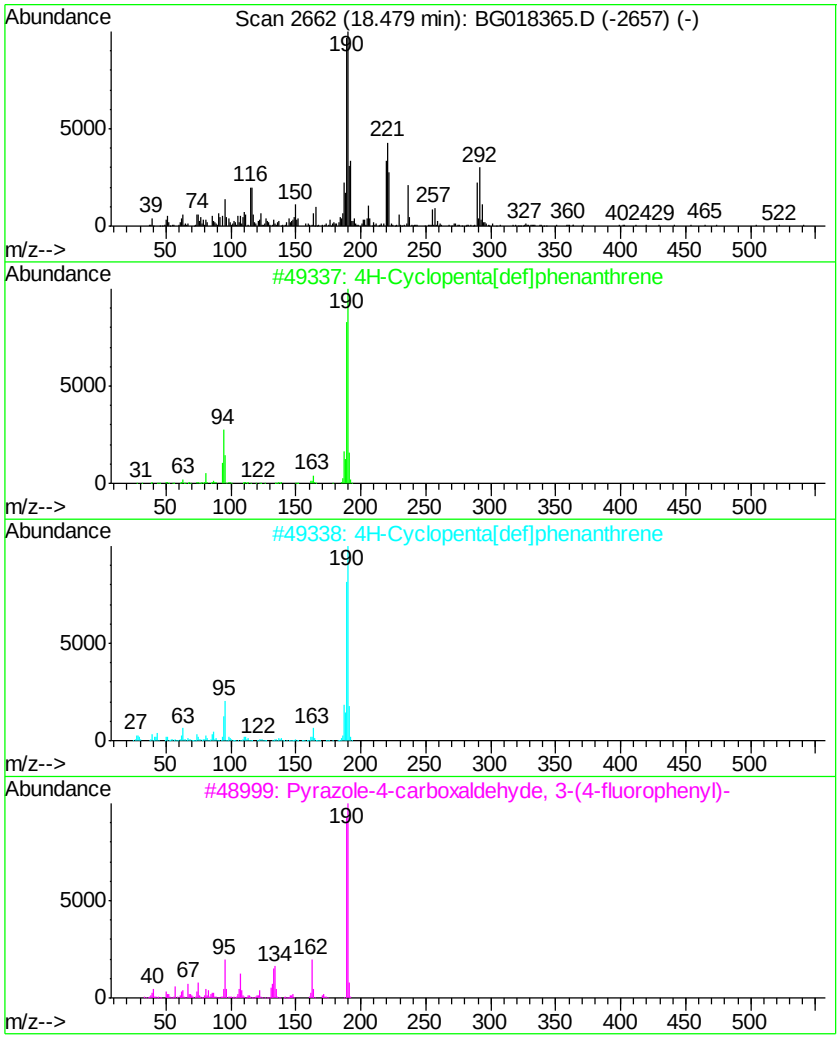
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

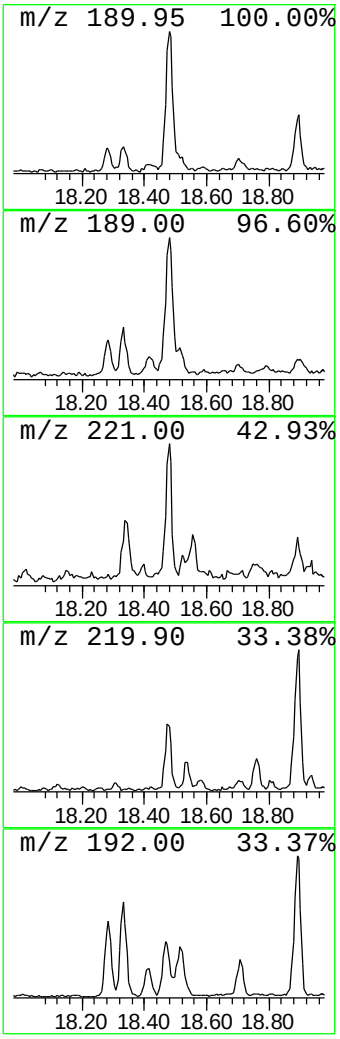
****

Peak Number 16 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	5.56 ng/ul	585359	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	35
5	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	35





Library Search Compound Report

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Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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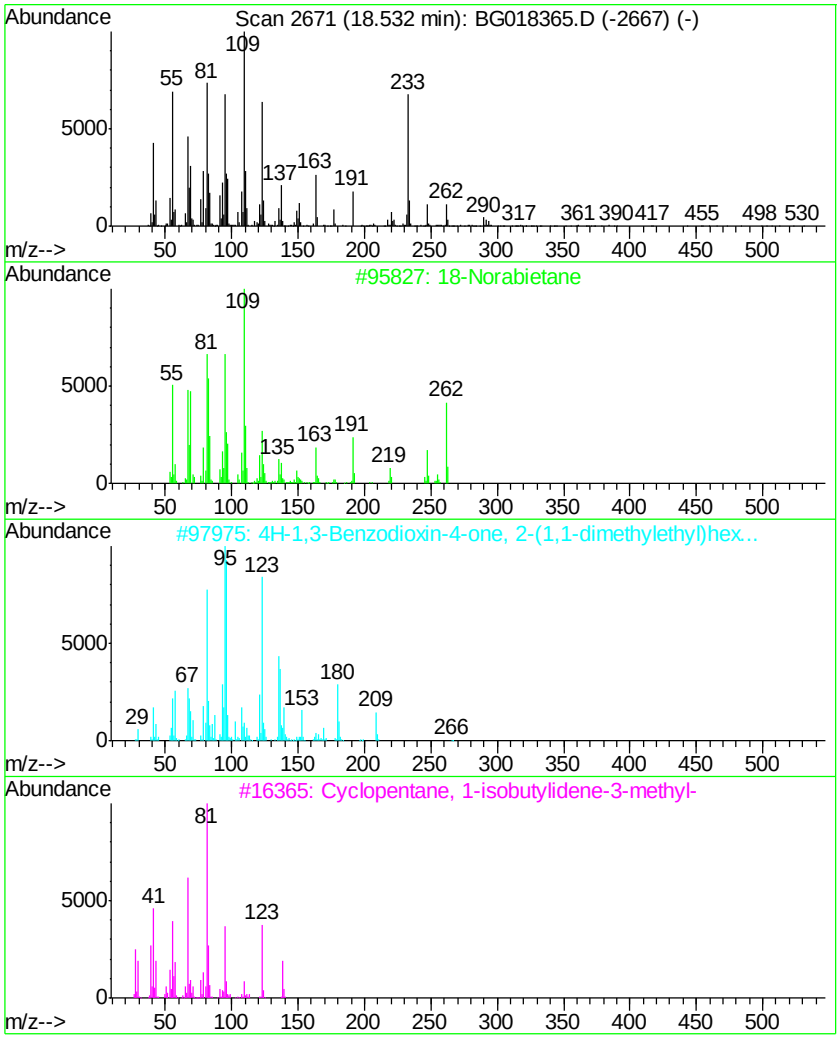
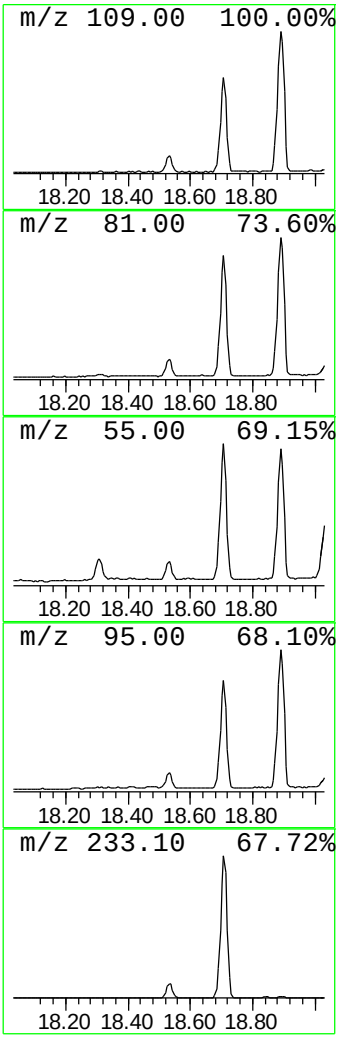
Peak Number 17 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	13.04 ng/ul	1373510	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	43
2	4H-1,3-Benzodioxin-4-one, 2-(1,1...	266	C16H26O3	124899-18-9	38
3	Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	27
4	Bicyclo[6.1.0]nonane, 9-bromo-9-...	216	C10H17Br	059474-03-2	27
5	Zinc, bis[2,2-dimethyl-3-(2-meth...	310	C18H30Zn	074810-57-4	22





Library Search Compound Report

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Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

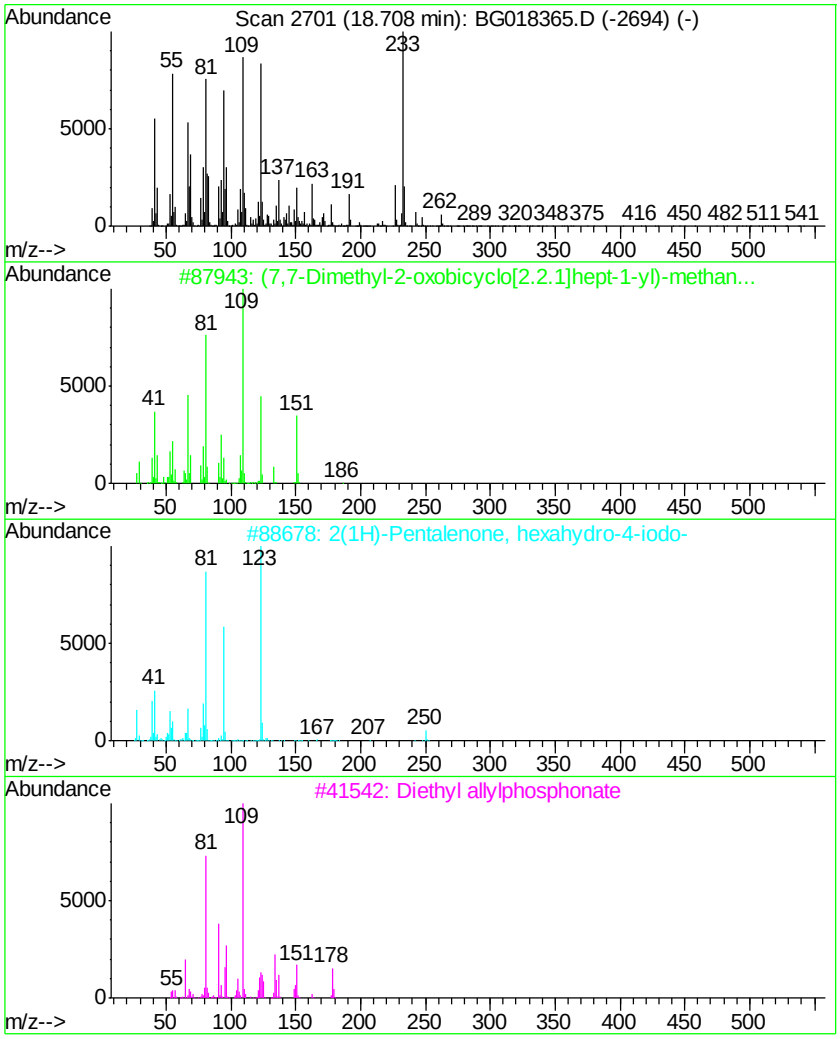
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

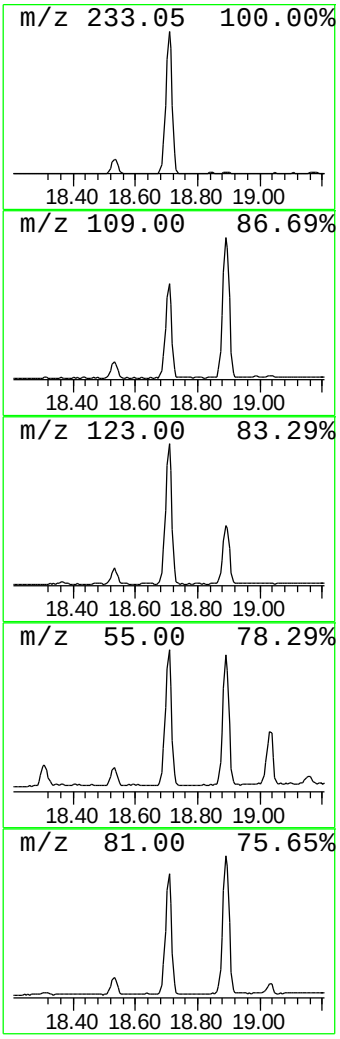
****

Peak Number 18 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	116.91 ng/ul	12318200	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	35
2	2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	27
3	Diethyl allylphosphonate	178	C7H15O3P	001067-87-4	27
4	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	25
5	Ethyl chrysanthemate	196	C12H20O2	000097-41-6	22





Library Search Compound Report

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Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

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Quant Title : SVOA CALIBRATION

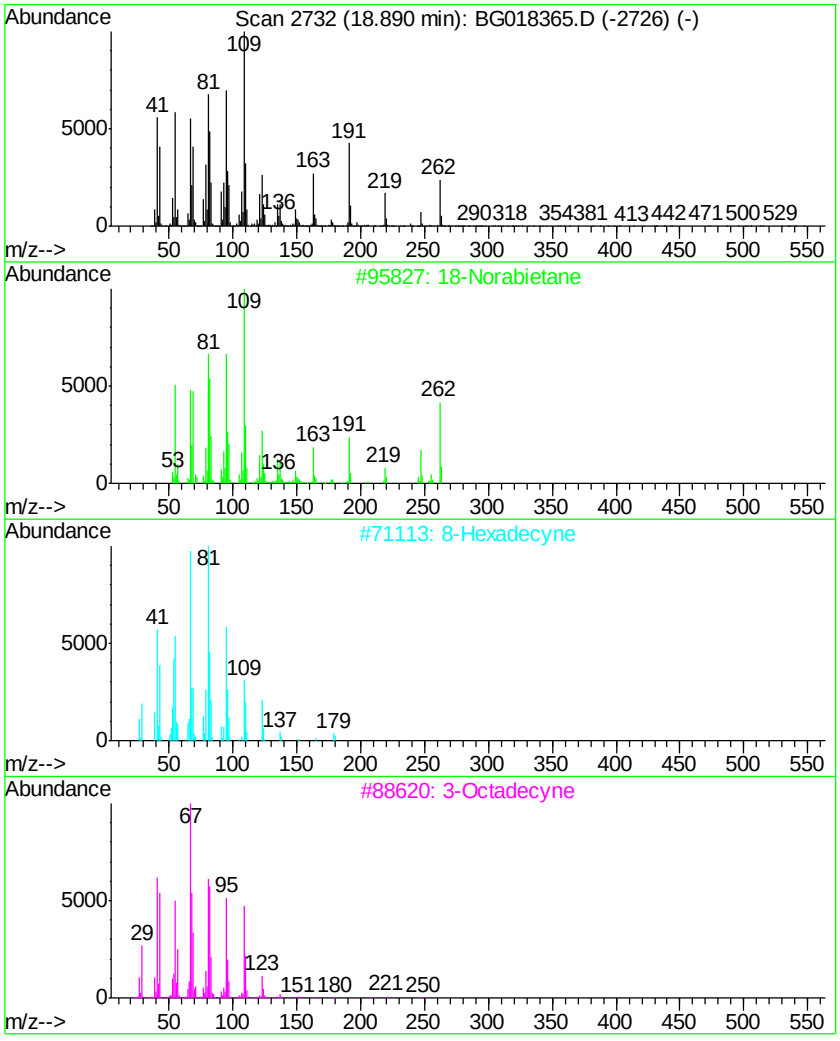
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

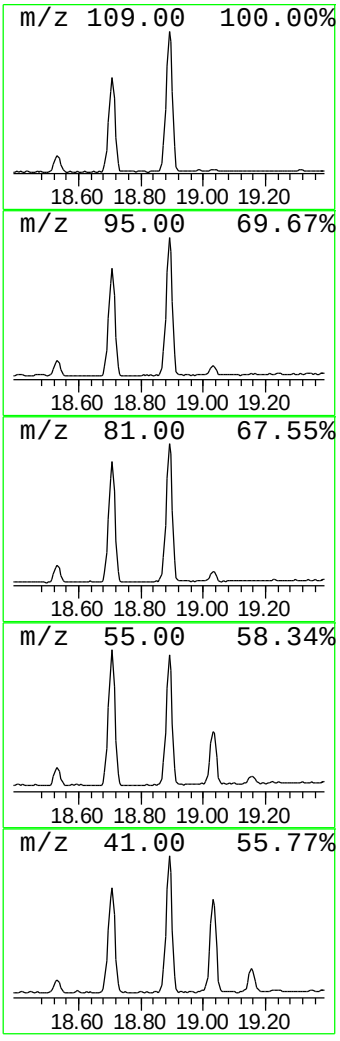
****

Peak Number 19 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	110.08 ng/ul	11598900	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	8-Hexadecyne	222	C16H30	019781-86-3	35
3	3-Octadecyne	250	C18H34	061886-64-4	35
4	3,5-Dimethyl-1-hexylpyrazole	180	C11H20N2	024475-41-0	35
5	3-Hexadecyne	222	C16H30	061886-62-2	30





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Sample : G3109-03
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

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Quant Title : SVOA CALIBRATION

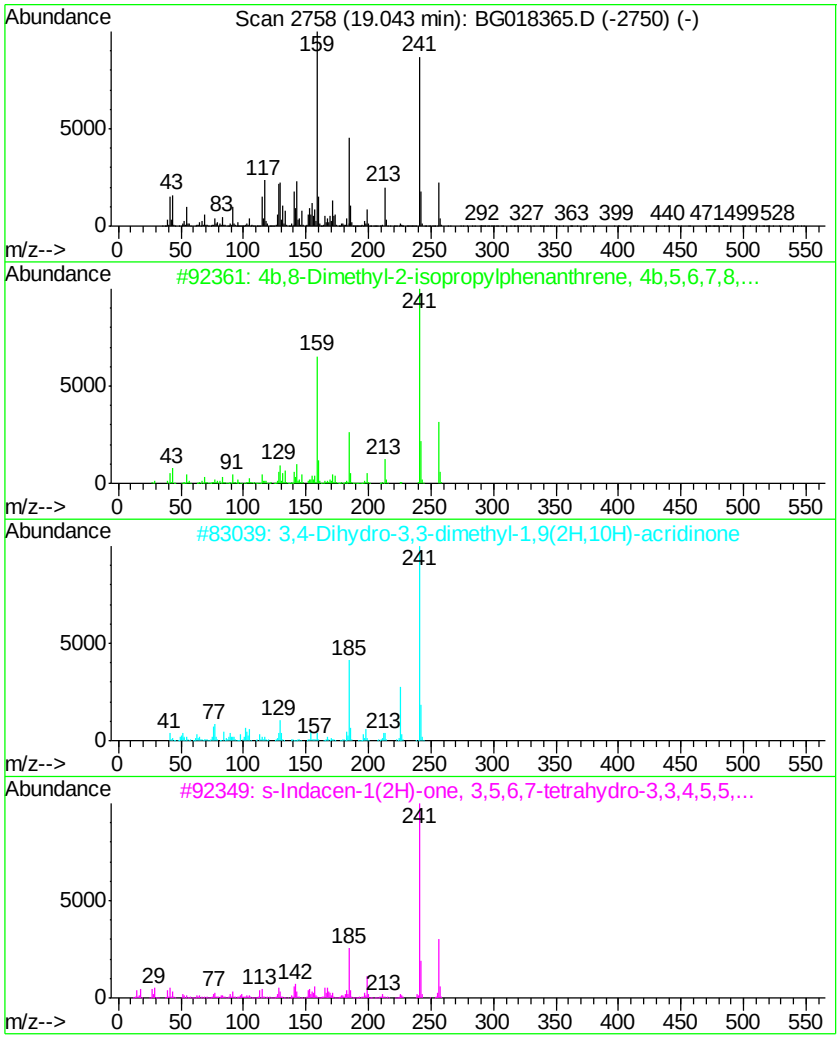
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

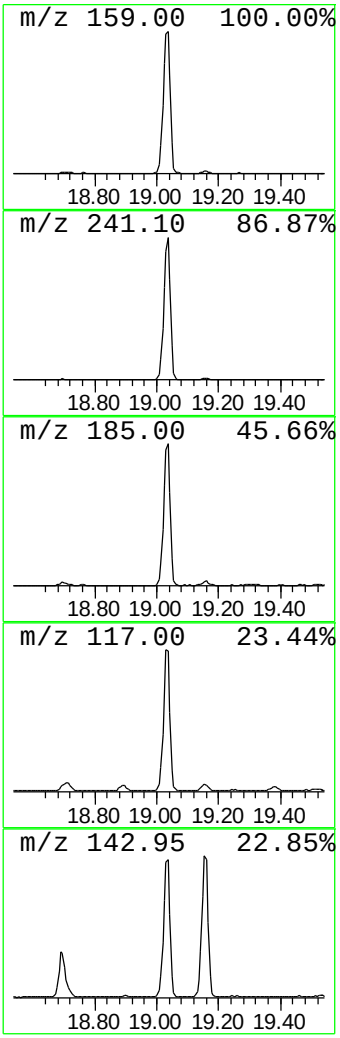
****

Peak Number 20 4b,8-Dimethyl-2-isopropylph... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	135.51 ng/ul	14278600	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	43
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	42
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35
5	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	25





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Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

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Quant Title : SVOA CALIBRATION

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

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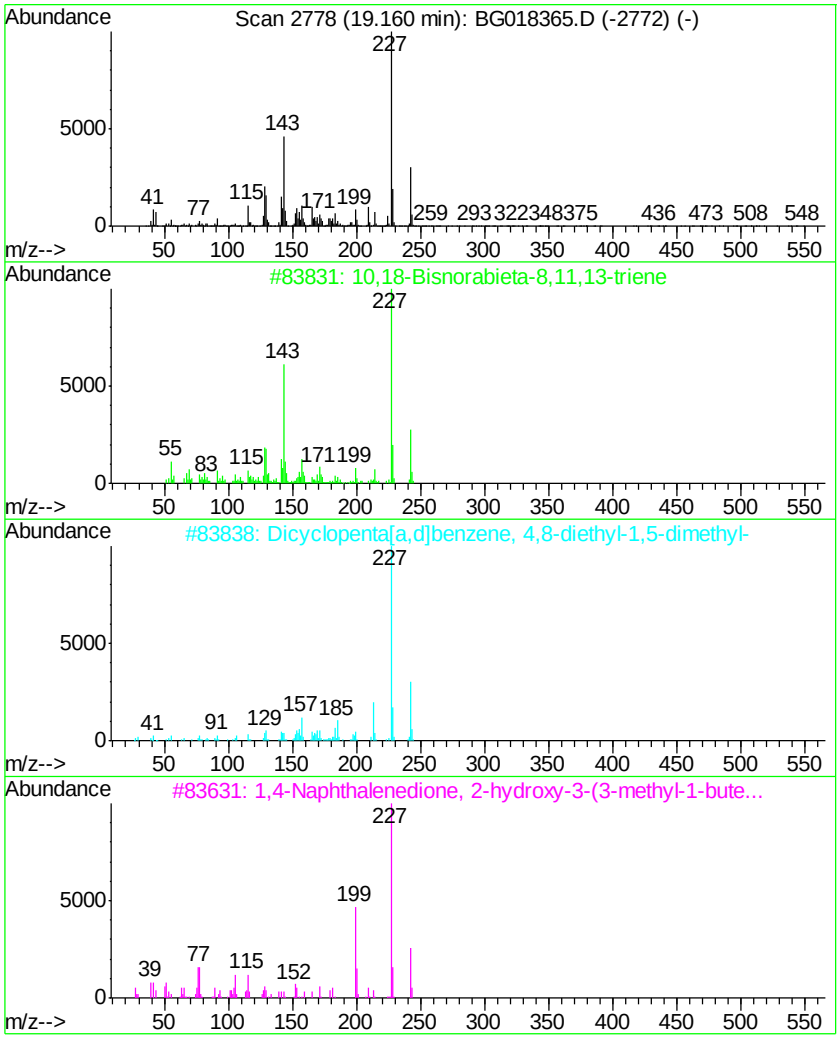
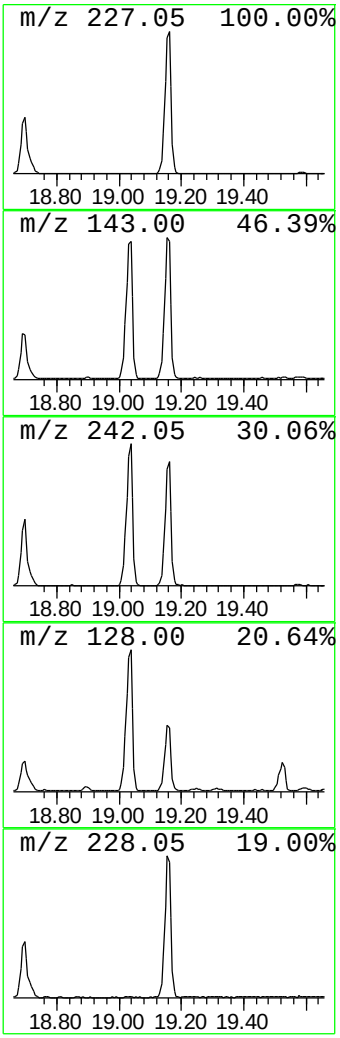
Peak Number 21 10,18-Bisnorabieta-8,11,13-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	45.53 ng/ul	4797590	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	93
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	70
3	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	53
4	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	000084-79-7	49
5	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49





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Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

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Quant Title : SVOA CALIBRATION

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

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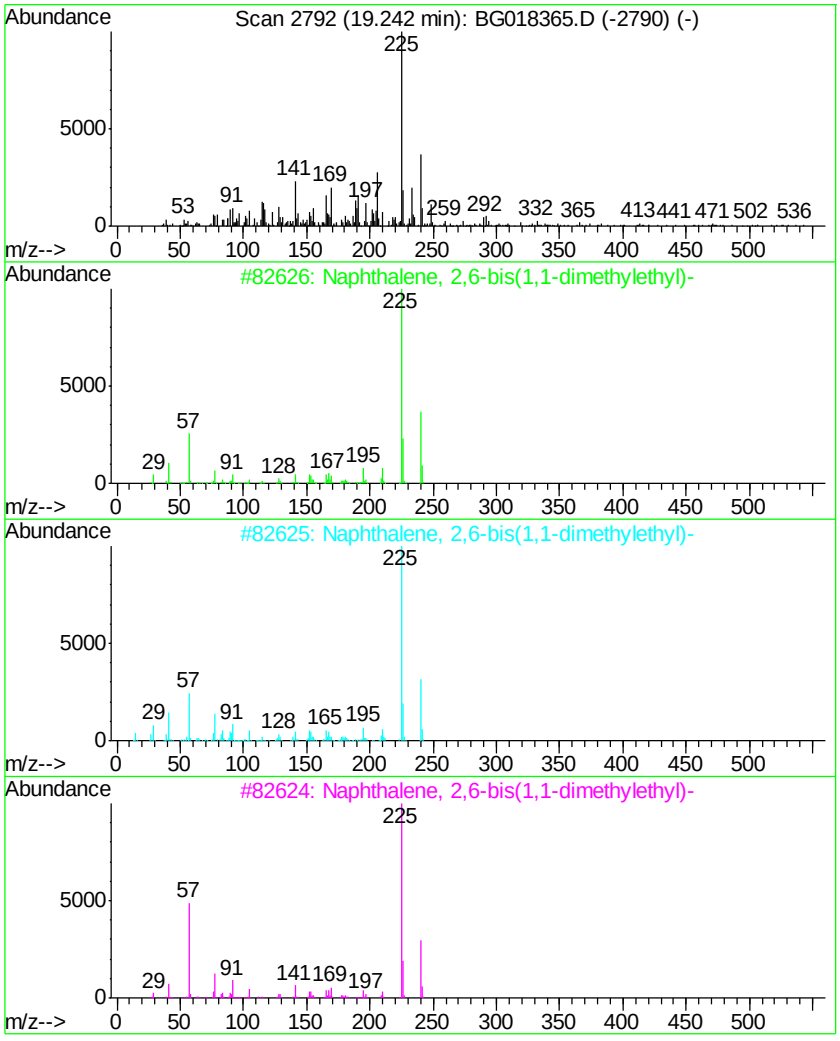
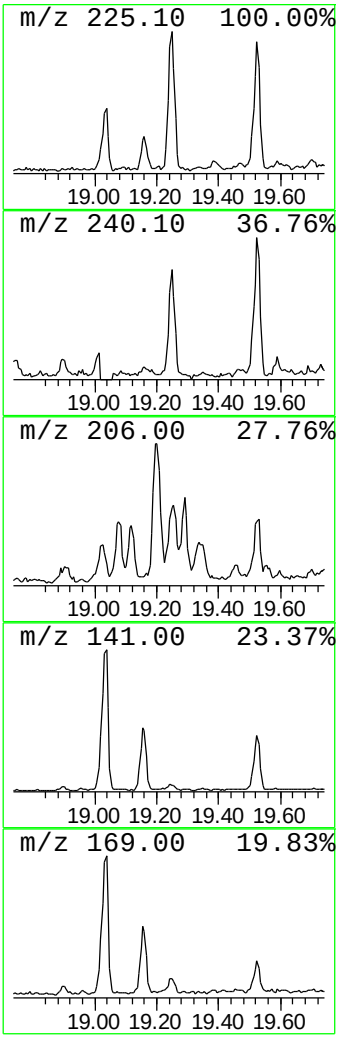
Peak Number 22 Naphthalene, 2,6-bis(1,1-di... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.10 ng/ul	326626	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-bis(1,1-dimethy...	240	C18H24	003905-64-4	55
2	Naphthalene, 2,6-bis(1,1-dimethy...	240	C18H24	003905-64-4	50
3	Naphthalene, 2,6-bis(1,1-dimethy...	240	C18H24	003905-64-4	46
4	Phenol, 4-chloro-2,6-bis(1,1-dim...	240	C14H21ClO	004096-72-4	43
5	Naphthalene, 2,7-bis(1,1-dimethy...	240	C18H24	010275-58-8	43





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : C01P4

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Quant Title : SVOA CALIBRATION

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

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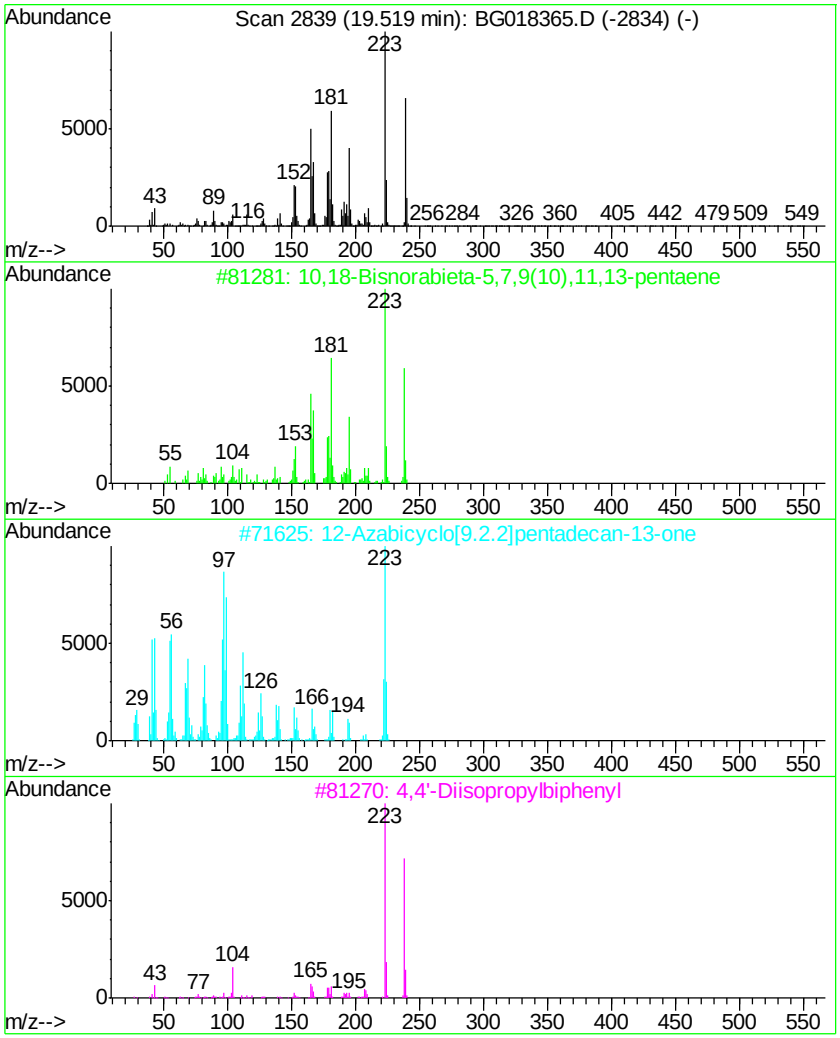
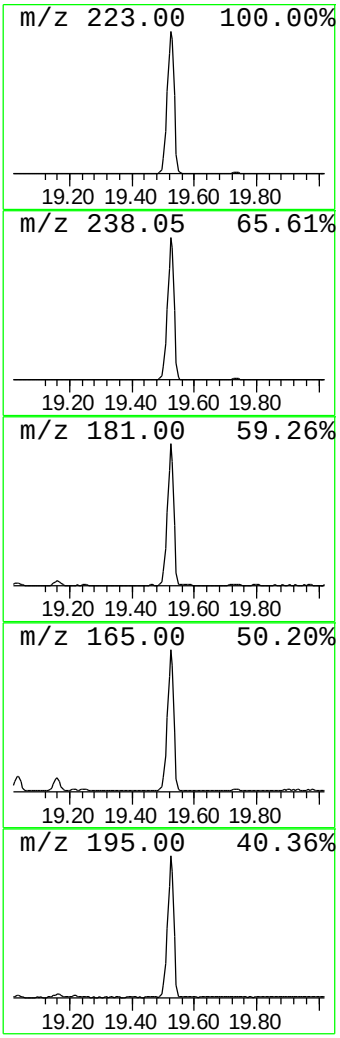
Peak Number 23 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	146.73 ng/ul	15460600	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	91
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	46
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	46





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Instrument : BNA_G
ClientSampleId : C01P4

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Quant Title : SVOA CALIBRATION

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

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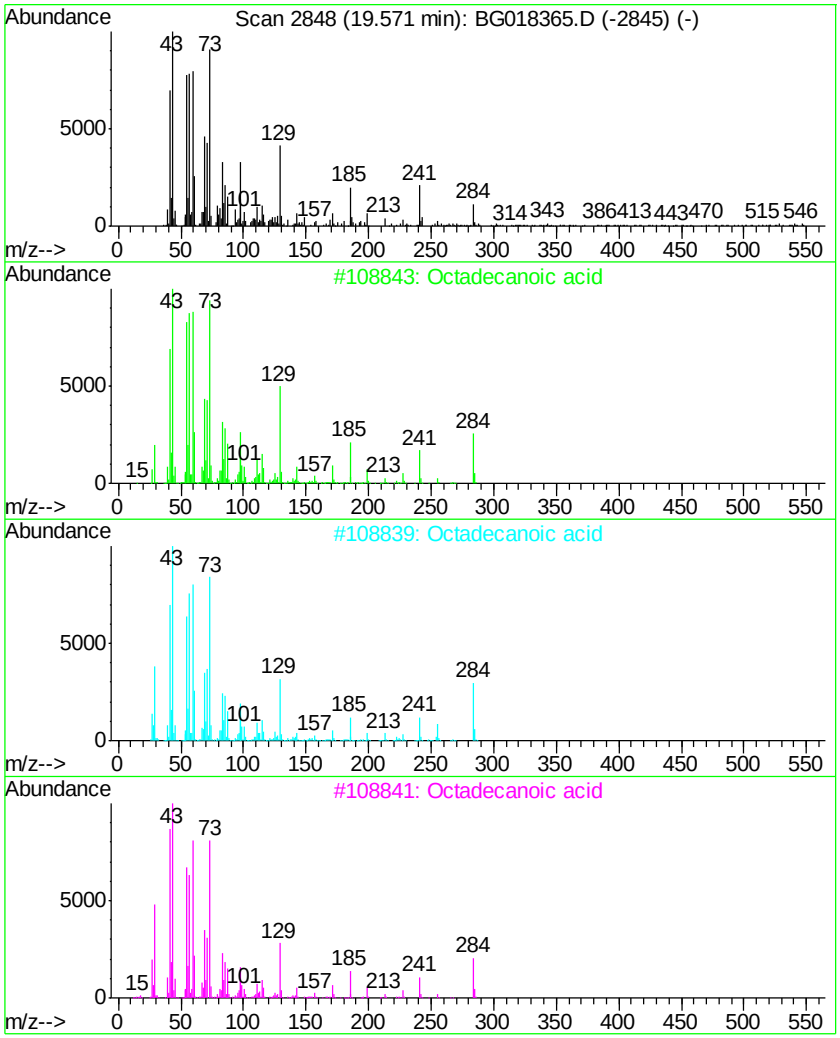
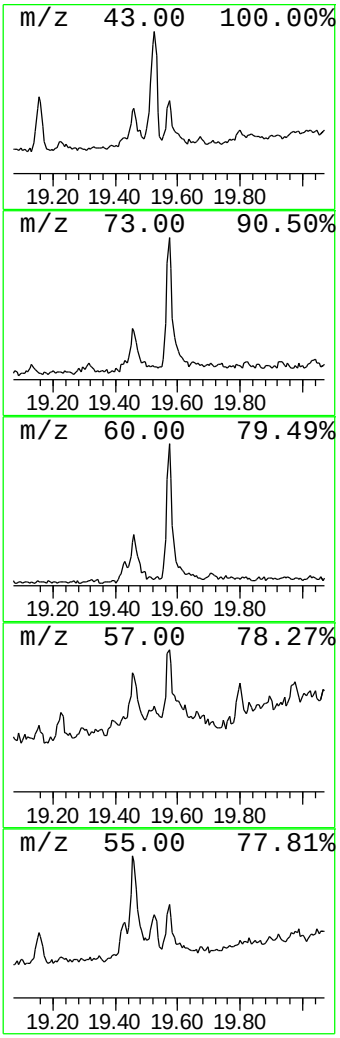
Peak Number 24 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	6.67 ng/ul	441626	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

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Quant Title : SVOA CALIBRATION

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

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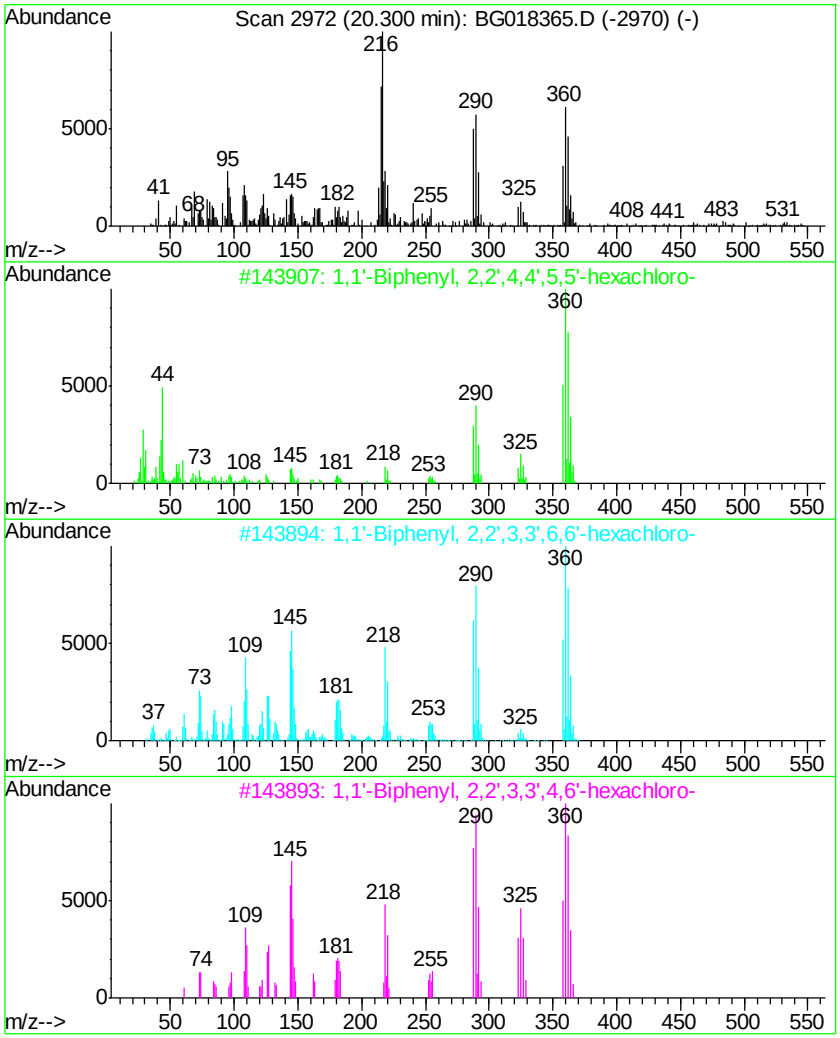
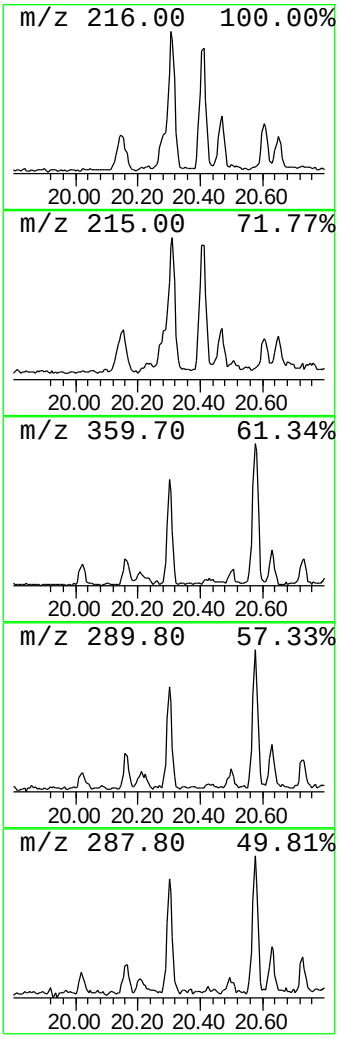
Peak Number 25 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	6.56 ng/ul	433789	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	92
2	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	89
3	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	58
4	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	58
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	58





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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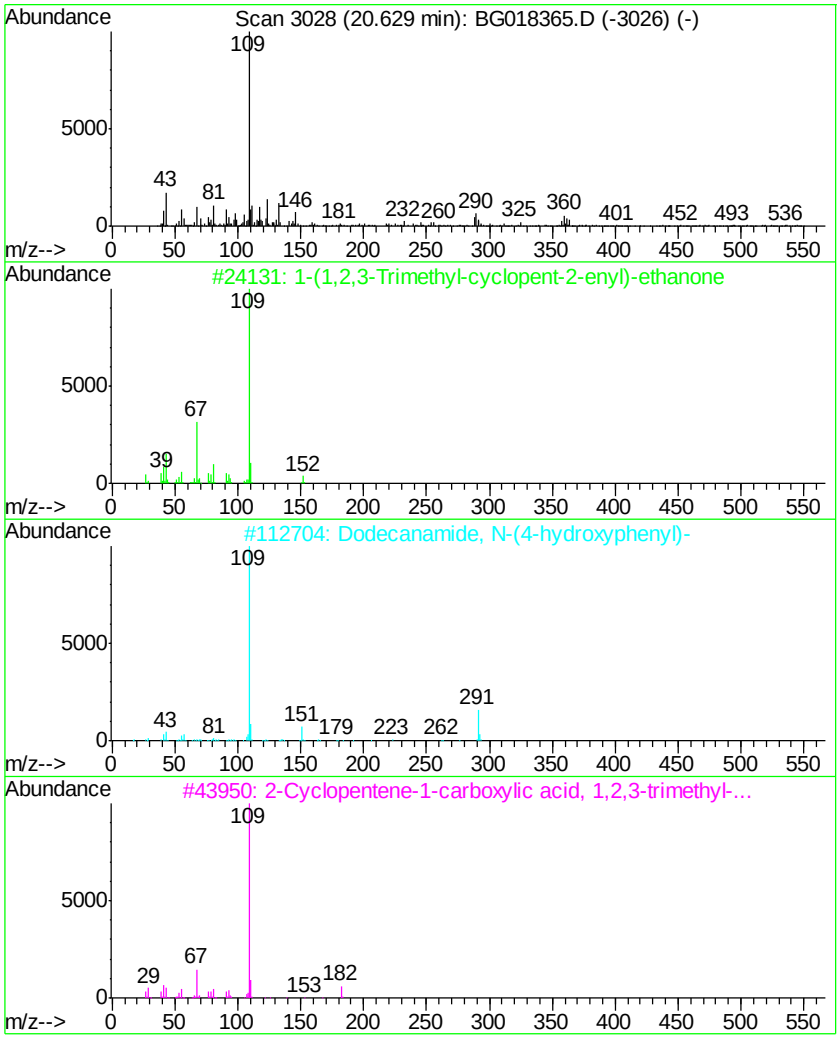
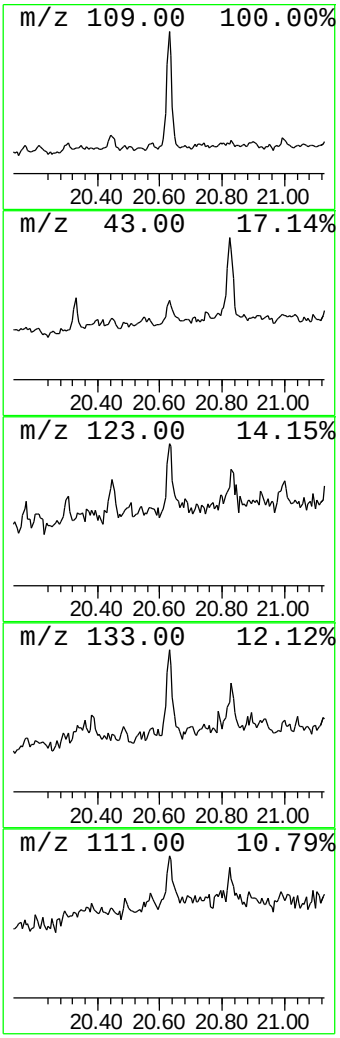
Peak Number 26 1-(1,2,3-Trimethyl-cyclopen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	10.97 ng/ul	726155	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	59
2	Dodecanamide, N-(4-hydroxyphenyl)-	291	C18H29NO2	000103-98-0	59
3	2-Cyclopentene-1-carboxylic acid...	182	C11H18O2	029915-95-5	59
4	Coumaphos	362	C14H16ClO5PS	000056-72-4	50
5	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	45





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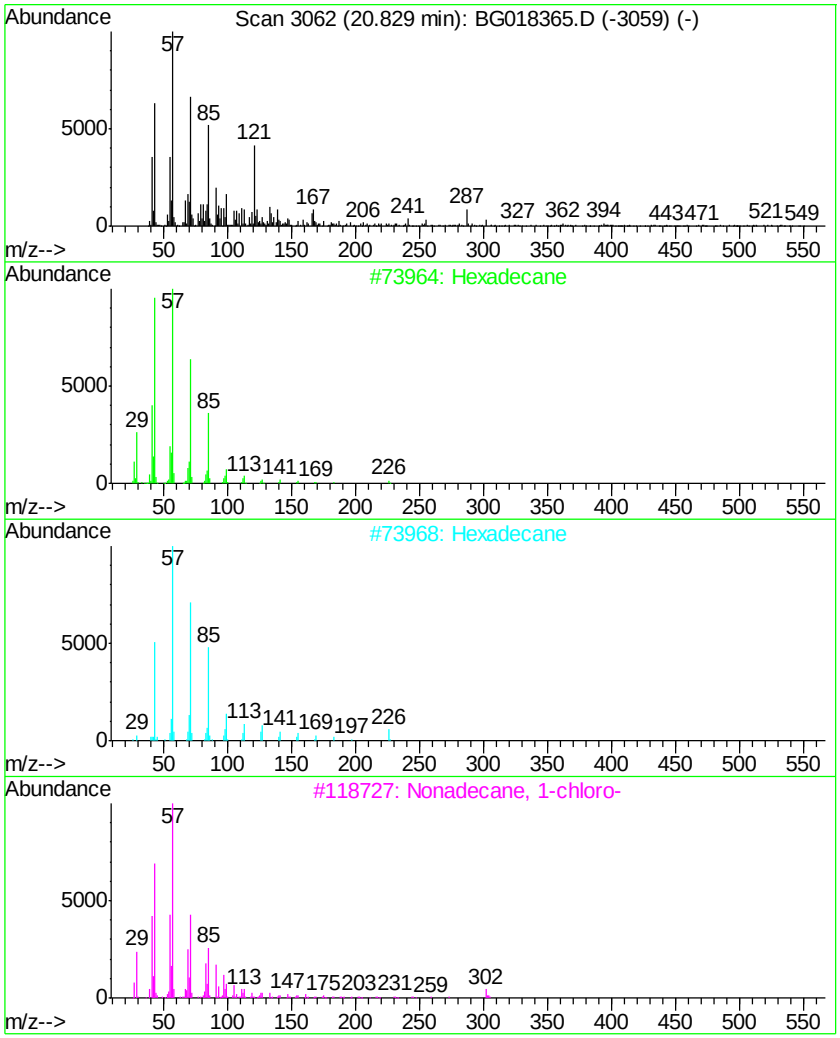
Quant Title : SVOA CALIBRATION

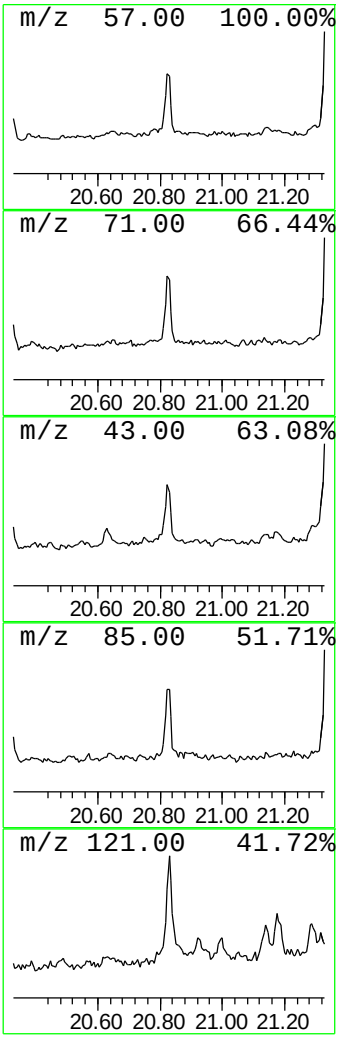
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	14.00 ng/ul	926589	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	81
4	Hexadecane	226	C16H34	000544-76-3	81
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	81





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Instrument : BNA_G
ClientSampleId : C01P4

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Quant Title : SVOA CALIBRATION

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

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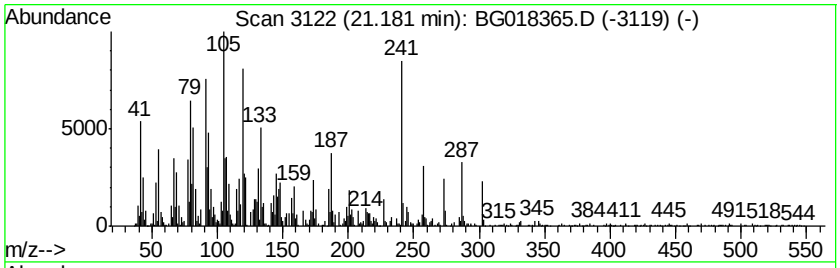
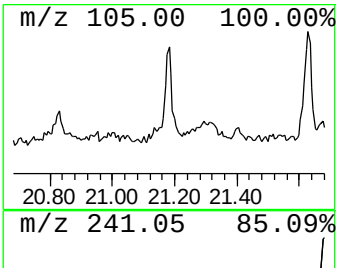
Peak Number 28 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	16.29 ng/ul	1078160	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	30
2	1,4-Bis[3,4-dimethylphenyl]-2,3-...	294	C20H22O2	034277-93-5	18
3	4-Methyl-benzoic acid (4-propyl-...	272	C17H24N2O	1000275-81-2	14
4	3-(4-Cyanomethyl-1H-pyrrol-3-yl)...	159	C9H9N3	106491-24-1	11
5	Pyrrolo(2,3-b)pyrazine	119	C6H5N3	004745-93-1	11





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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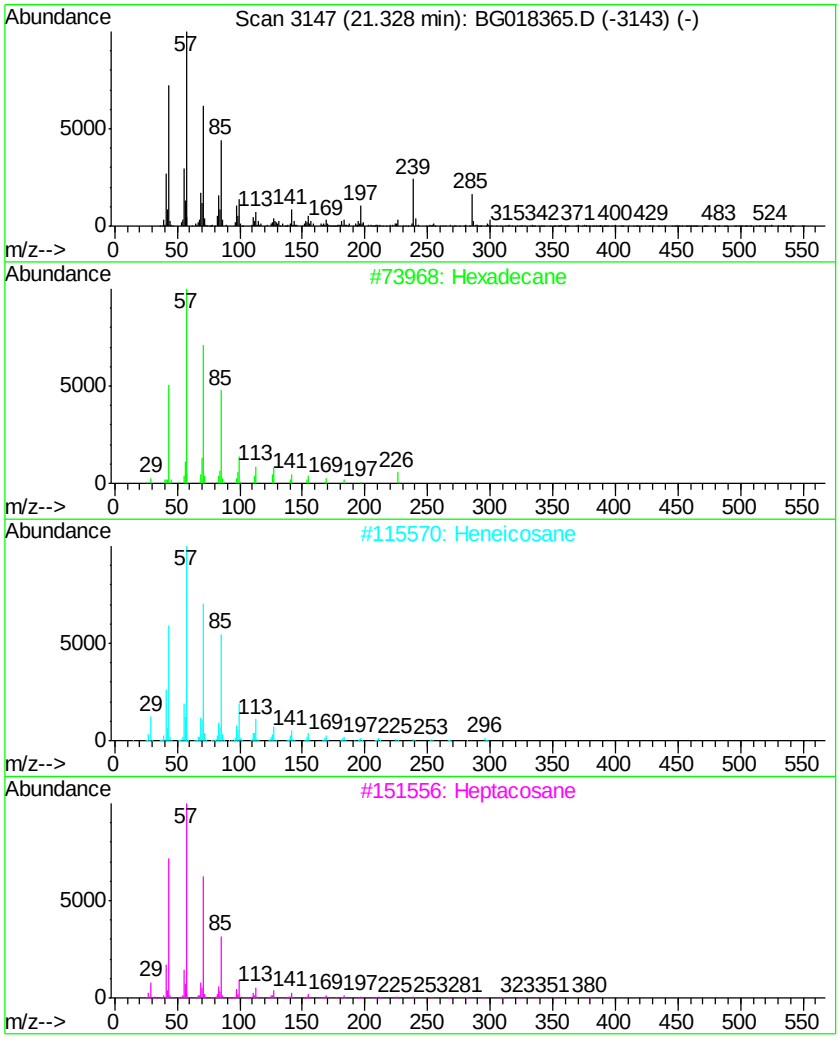
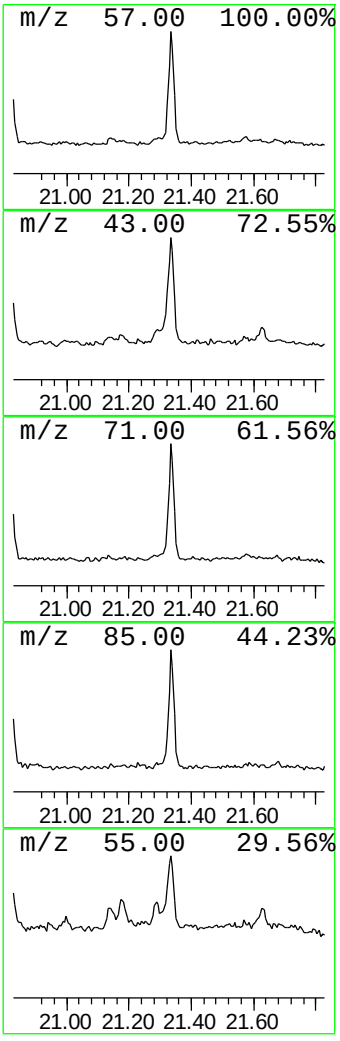
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	47.96 ng/ul	3173540	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heneicosane	296	C21H44	000629-94-7	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83





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Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

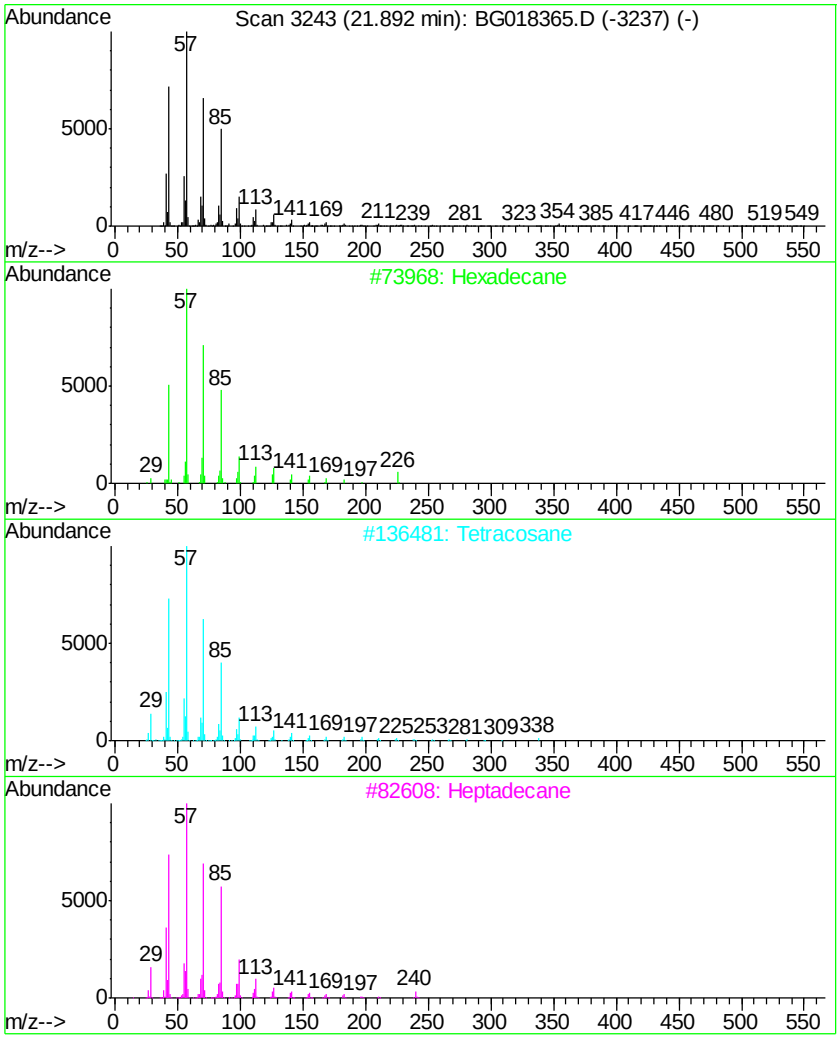
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

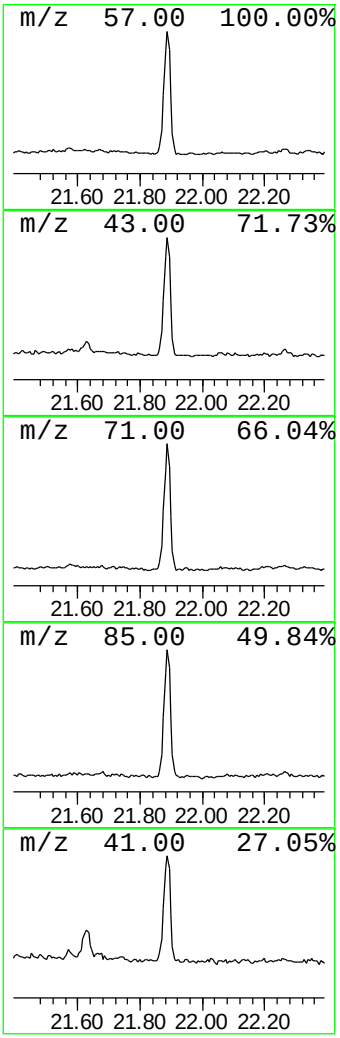
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	41.72 ng/ul	2760830	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane	254	C18H38	000593-45-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

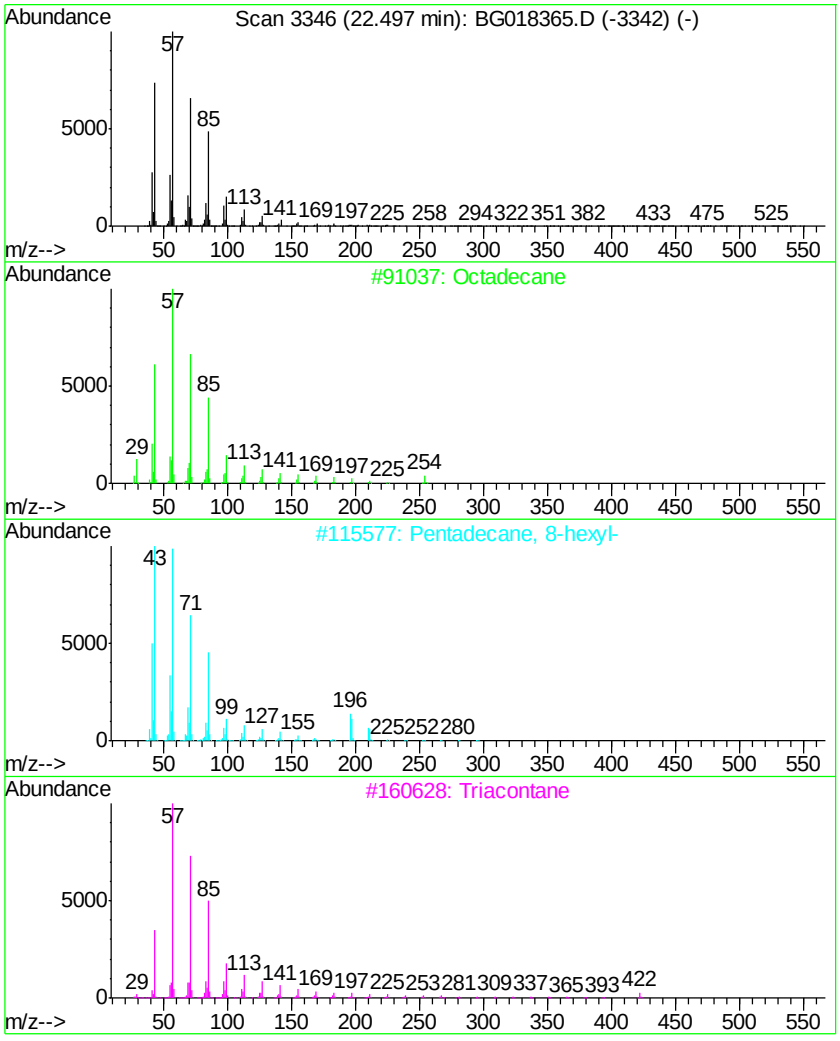
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

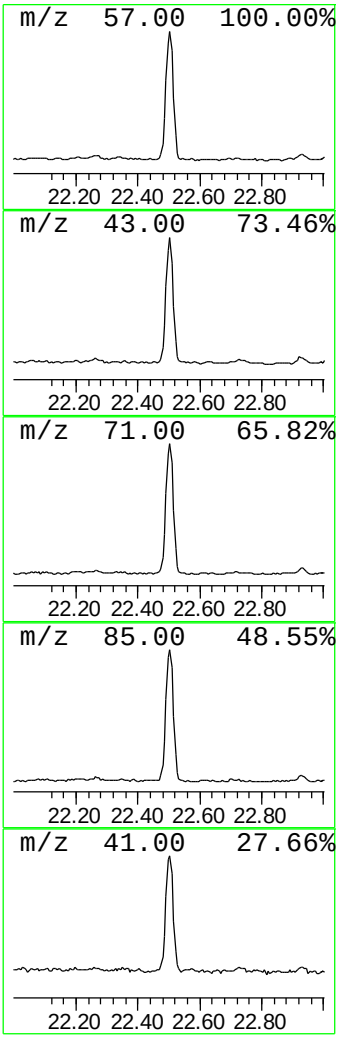
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	64.11 ng/ul	4242420	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Triacontane	422	C30H62	000638-68-6	94
4	Octadecane	254	C18H38	000593-45-3	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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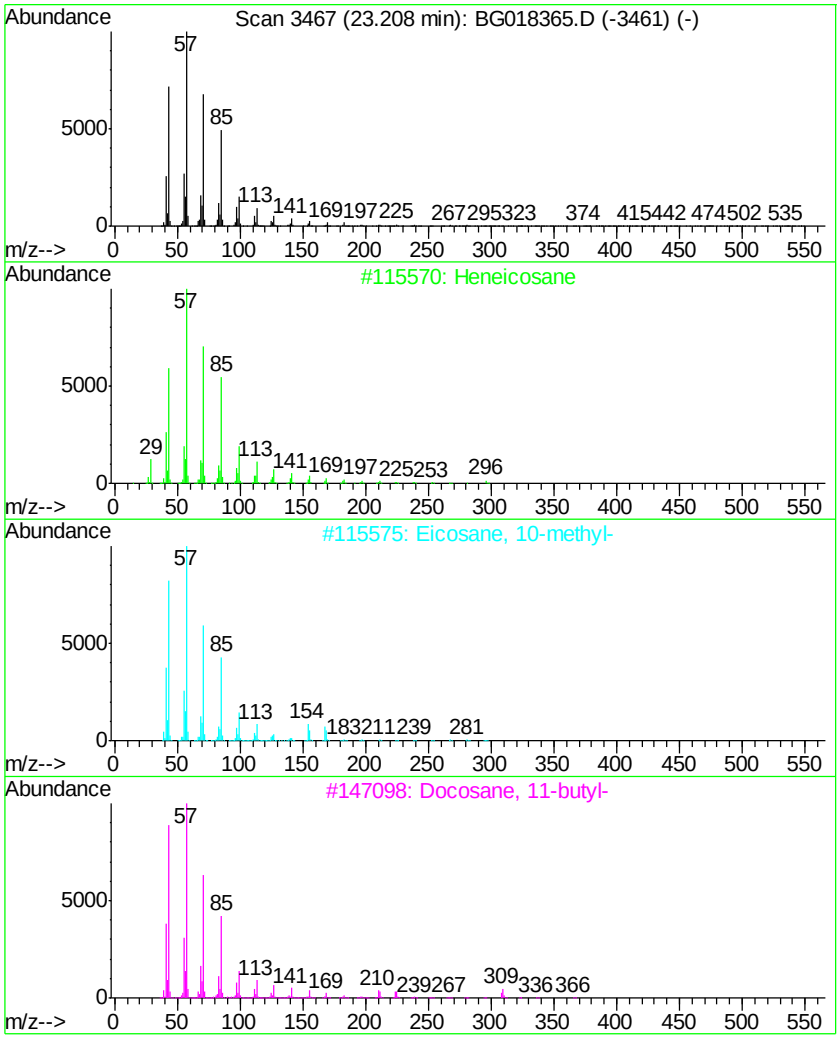
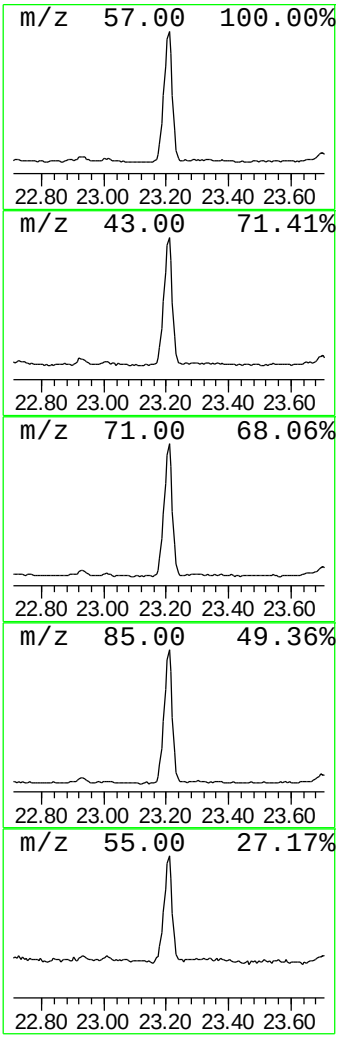
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	83.99 ng/ul	5557750	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

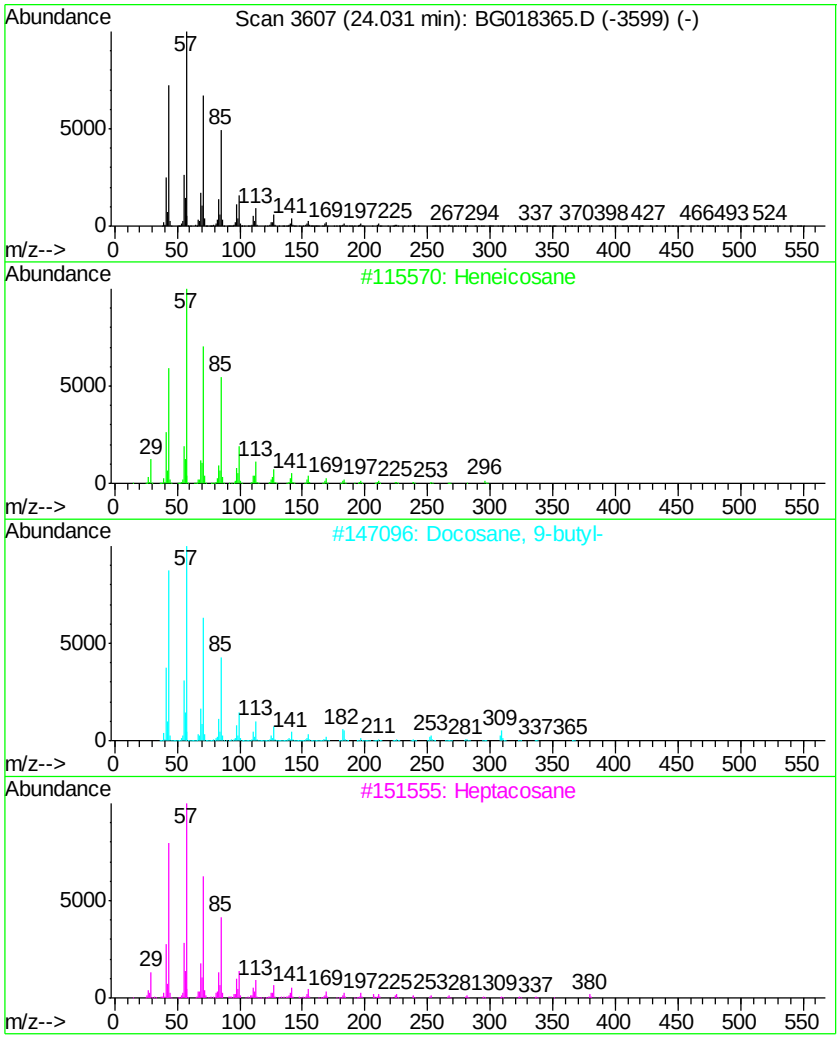
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

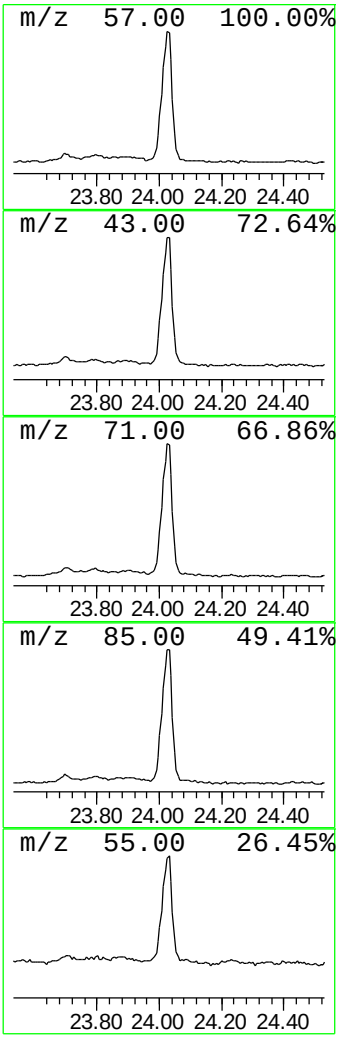
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	23.26 ng/ul	7436030	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Eicosane	282	C20H42	000112-95-8	87
5	Triacontane	422	C30H62	000638-68-6	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

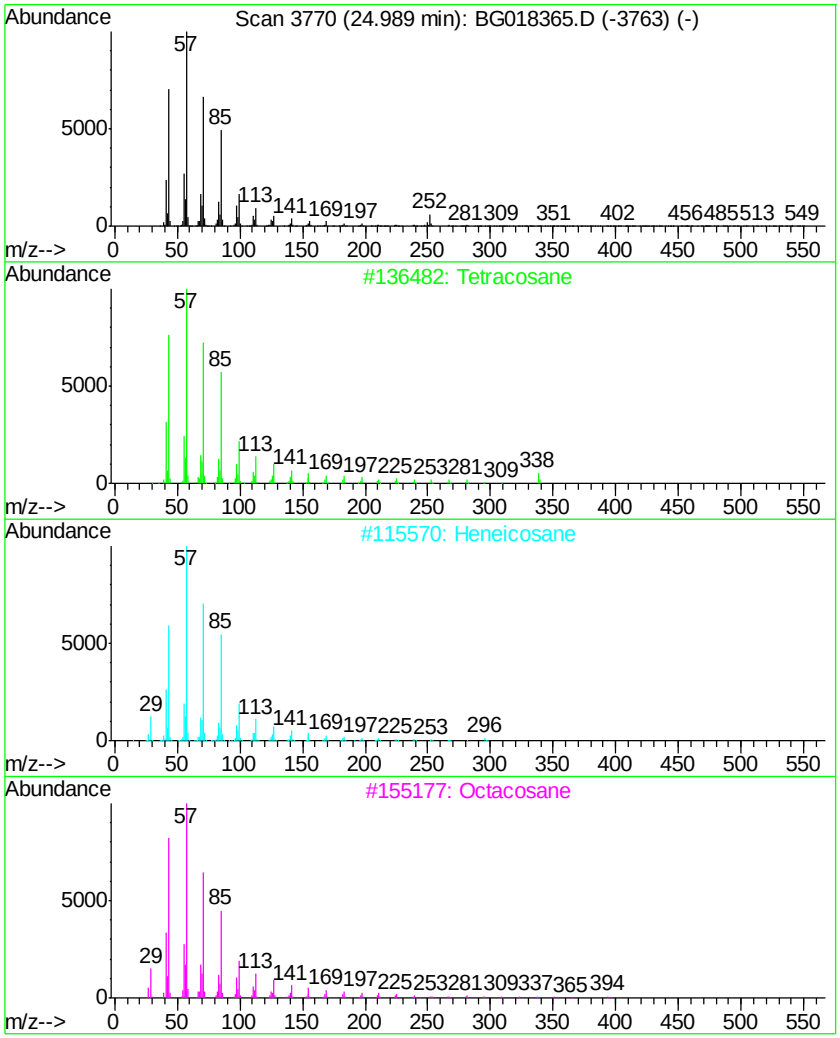
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

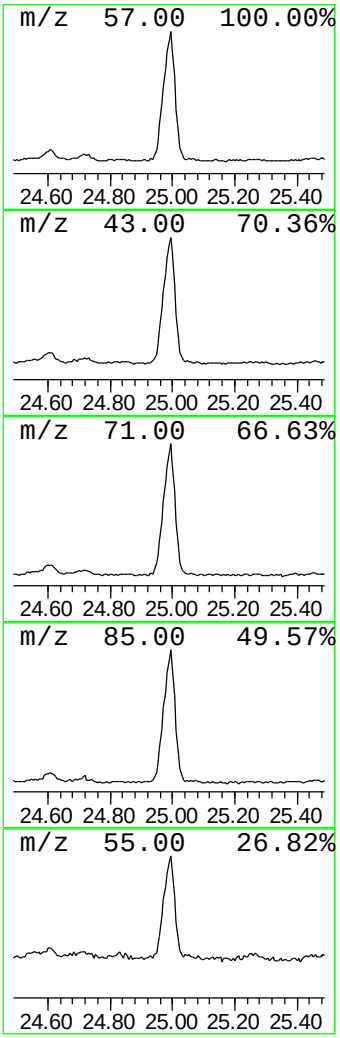
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	20.00 ng/ul	6394440	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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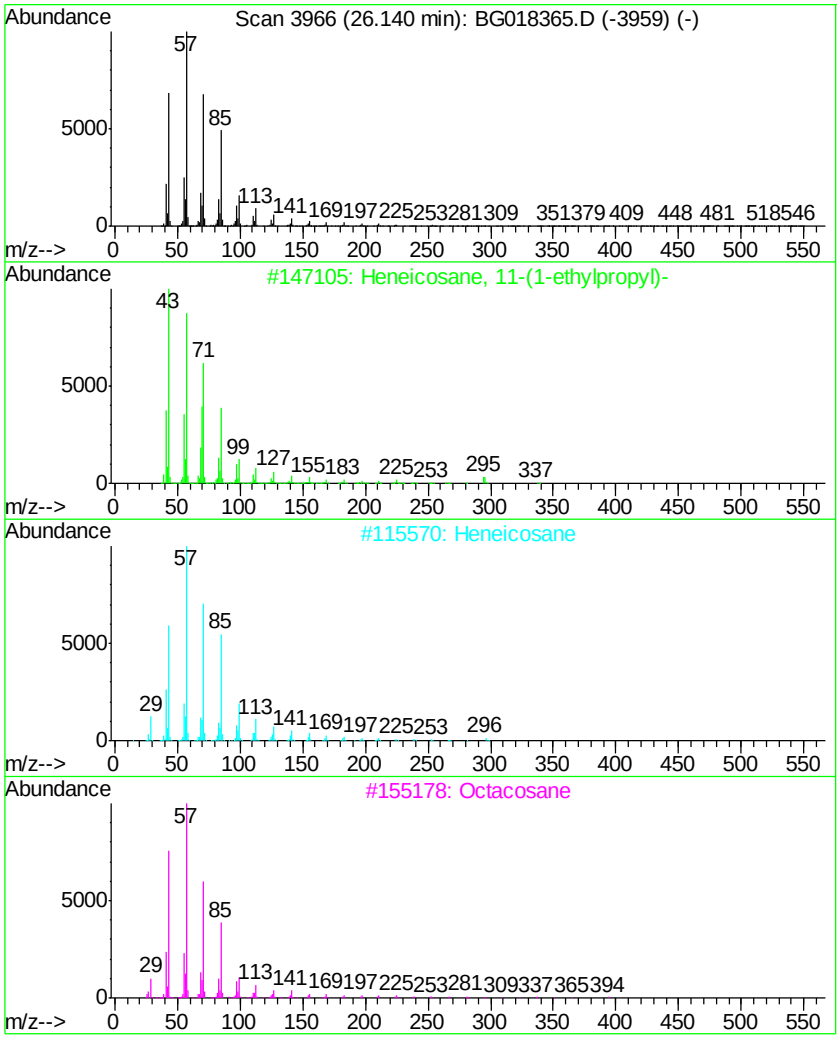
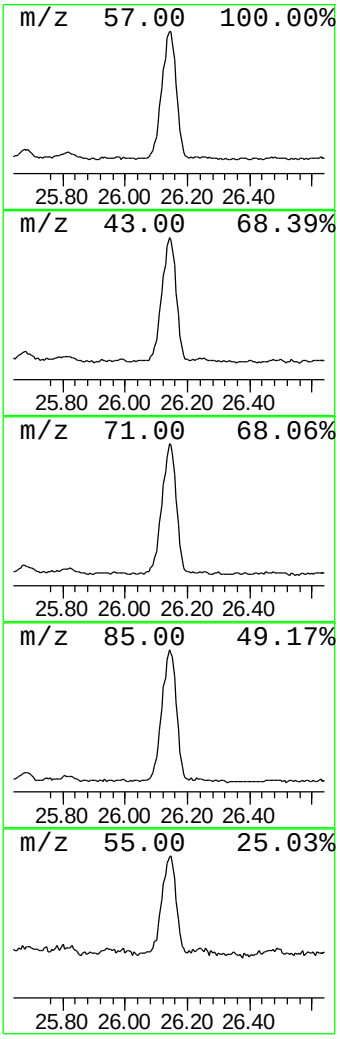
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	19.52 ng/ul	6240090	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
3-Buten-2-one, 3-...	3.16	3.7	ng/ul	152583	1	8.04	823661	20.0
unknown-01	3.99	3.6	ng/ul	149391	1	8.04	823661	20.0
Hexanoic acid	7.04	3.2	ng/ul	131308	1	8.04	823661	20.0
Heptanoic acid	8.60	2.1	ng/ul	88320	1	8.04	823661	20.0
Naphthalene, 1,6-...	13.84	2.3	ng/ul	240619	3	14.67	2070110	20.0
Naphthalene, 1,7-...	13.98	2.9	ng/ul	299031	3	14.67	2070110	20.0
Naphthalene, 2,3,...	15.07	3.4	ng/ul	354851	3	14.67	2070110	20.0
3-Methyl-4-(metho...	15.92	2.3	ng/ul	233394	3	14.67	2070110	20.0
(DEL) Alkane: Str...	16.40	5.9	ng/ul	617068	4	17.41	2107380	20.0
(DEL) Alkane: Str...	17.22	4.0	ng/ul	420557	4	17.41	2107380	20.0
n-Hexadecanoic acid	18.31	12.4	ng/ul	1301010	4	17.41	2107380	20.0
unknown-02	18.48	5.6	ng/ul	585359	4	17.41	2107380	20.0
unknown-03	18.53	13.0	ng/ul	1373510	4	17.41	2107380	20.0
unknown-04	18.71	116.9	ng/ul	12318200	4	17.41	2107380	20.0
18-Norabietane	18.89	110.1	ng/ul	11598900	4	17.41	2107380	20.0
4b,8-Dimethyl-2-i...	19.04	135.5	ng/ul	14278600	4	17.41	2107380	20.0
10,18-Bisnorabiet...	19.16	45.5	ng/ul	4797590	4	17.41	2107380	20.0
Naphthalene, 2,6-...	19.24	3.1	ng/ul	326626	4	17.41	2107380	20.0
10,18-Bisnorabiet...	19.52	146.7	ng/ul	15460600	4	17.41	2107380	20.0
Octadecanoic acid	19.57	6.7	ng/ul	441626	5	21.68	1323400	20.0
1,1'-Biphenyl, 2,...	20.30	6.6	ng/ul	433789	5	21.68	1323400	20.0
1-(1,2,3-Trimethy...	20.63	11.0	ng/ul	726155	5	21.68	1323400	20.0
(DEL) Alkane: Str...	20.83	14.0	ng/ul	926589	5	21.68	1323400	20.0
unknown-05	21.18	16.3	ng/ul	1078160	5	21.68	1323400	20.0
(DEL) Alkane: Str...	21.33	48.0	ng/ul	3173540	5	21.68	1323400	20.0
(DEL) Alkane: Str...	21.89	41.7	ng/ul	2760830	5	21.68	1323400	20.0
(DEL) Alkane: Str...	22.50	64.1	ng/ul	4242420	5	21.68	1323400	20.0
(DEL) Alkane: Str...	23.21	84.0	ng/ul	5557750	5	21.68	1323400	20.0
(DEL) Alkane: Str...	24.03	23.3	ng/ul	7436030	6	24.91	6394440	20.0
(DEL) Alkane: Str...	24.99	20.0	ng/ul	6394440	6	24.91	6394440	20.0
(DEL) Alkane: Str...	26.14	19.5	ng/ul	6240090	6	24.91	6394440	20.0