LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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	2.787	14	17	23	rVB	14859	18143	3.03%	0.188%
2	5.240	430	434	435	rBV	5402	6853	1.14%	0.071%
3	6.839	698	706	716	rBV	74420	137117	22.89%	1.423%
4	6.934	716	722	728	rBV	63774	97982	16.36%	1.017%
5	7.151	754	759	765	rBV	98743	151023	25.21%	1.567%
6	7.234	770	773	778	rVB	7824	10546	1.76%	0.109%
7	7.592	826	834	841	rBB	124607	188555	31.48%	1.956%
8	8.228	937	942	946	rBB2	6262	9146	1.53%	0.095%
9	8.357	959	964	973	rBV	107281	195116	32.57%	2.024%
10	8.686	1016	1020	1025	rBB	6203	8137	1.36%	0.084%
11	8.757	1026	1032	1038	rBV	88178	141164	23.57%	1.465%
12	9.475	1148	1154	1162	rBB	80070	128075	21.38%	1.329%
13	9.780	1201	1206	1210	rBV3	5813	9486	1.58%	0.098%
14	10.069	1249	1255	1270	rBB	111573	217421	36.30%	2.256%
15	10.375	1296	1307	1313	rBV	197091	345239	57.63%	3.582%
16	10.427	1313	1316	1322	rVB	32150	47656	7.96%	0.494%
17	10.539	1330	1335	1352	rVB	37214	73146	12.21%	0.759%
18	11.798	1545	1549	1555	rVB	15660	22927	3.83%	0.238%
19	12.051	1583	1592	1599	rVB	49328	78681	13.13%	0.816%
20	12.274	1616	1630	1640	rBV2	29147	55798	9.31%	0.579%
21	12.357	1640	1644	1649	rVB2	4103	6448	1.08%	0.067%
22	12.498	1662	1668	1676	rVB5	3869	9284	1.55%	0.096%
23	12.769	1711	1714	1718	rVB3	6695	9184	1.53%	0.095%
24	12.833	1721	1725	1733	rBV2	3612	6509	1.09%	0.068%
25	13.063	1757	1764	1771	rBV2	30918	51022	8.52%	0.529%
26	13.151	1774	1779	1781	rBV2	6624	8790	1.47%	0.091%
27	13.274	1796	1800	1803	rBV	16278	24168	4.03%	0.251%
28	13.416	1812	1824	1825	rBV	38466	58040	9.69%	0.602%
29	13.574	1845	1851	1856	rBV	45561	86321	14.41%	0.896%
30	13.627	1856	1860	1863	rVV	40340	63160	10.54%	0.655%
31	13.674	1863	1868	1872	rVV	256856	376547	62.86%	3.907%
32	13.716	1872	1875	1881	rVB	111561	157277	26.26%	1.632%
33	13.774	1881	1885	1888	rBV3	8558	13452	2.25%	0.140%
34	13.816	1888	1892	1895	rVV	20992	32782	5.47%	0.340%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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	13.845	1895	1897	1902	rVB2	15061	17720	2.96%	0.184%
36	13.892	1902	1905	1909	rBV5	4676	8173	1.36%	0.085%
37	13.951	1909	1915	1924	rBV	310764	486130	81.15%	5.044%
38	14.151	1943	1949	1954	rBV	70388	91710	15.31%	0.951%
39	14.257	1956	1967	1973	rVV2	317164	525339	87.70%	5.450%
40	14.310	1973	1976	1980	rVV3	16796	32118	5.36%	0.333%
41	14.351	1980	1983	1985	rVV4	12074	16348	2.73%	0.170%
42	14.386	1986	1989	1997	rVB7	7799	13249	2.21%	0.137%
43	14.474	1997	2004	2012	rBV3	29262	74524	12.44%	0.773%
44	14.551	2013	2017	2023	rBV5	9187	21810	3.64%	0.226%
45	14.610	2023	2027	2028	rVV4	9290	12909	2.15%	0.134%
46	14.657	2029	2035	2042	rVV4	61004	150140	25.06%	1.558%
47	14.739	2043	2049	2052	rVV	40223	74286	12.40%	0.771%
48	14.774	2052	2055	2064	rVB7	18295	39927	6.67%	0.414%
49	14.880	2069	2073	2078	rBV	23885	40393	6.74%	0.419%
50	14.933	2078	2082	2087	rVB	31283	38182	6.37%	0.396%
51	15.051	2095	2102	2106	rBV3	23310	57185	9.55%	0.593%
52	15.110	2106	2112	2116	rVB2	89623	126041	21.04%	1.308%
53	15.204	2125	2128	2131	rBV4	10642	16137	2.69%	0.167%
54	15.257	2131	2137	2142	rVV	407367	580079	96.84%	6.018%
55	15.304	2142	2145	2149	rVB4	19674	27256	4.55%	0.283%
56	15.357	2149	2154	2158	rBV3	25061	46720	7.80%	0.485%
57	15.415	2159	2164	2171	rVB2	89049	152253	25.42%	1.580%
58	15.480	2171	2175	2179	rBV5	17588	38354	6.40%	0.398%
59	15.521	2179	2182	2186	rVB3	24265	33729	5.63%	0.350%
60	15.680	2204	2209	2212	rBV5	17131	34851	5.82%	0.362%
61	15.727	2213	2217	2220	rVV3	24799	34860	5.82%	0.362%
62	15.827	2231	2234	2236	rBV	12465	16491	2.75%	0.171%
63	15.974	2254	2259	2267	rBV2	107316	189905	31.70%	1.970%
64	16.086	2275	2278	2281	rBV3	11971	20018	3.34%	0.208%
65	16.374	2324	2327	2331	rVB2	25687	31286	5.22%	0.325%
66	16.768	2390	2394	2399	rVB	84802	109188	18.23%	1.133%
67	17.015	2431	2436	2440	rBV	380514	523356	87.37%	5.430%
68	17.056	2440	2443	2447	rVB	99225	118789	19.83%	1.232%
69	17.115	2448	2453	2458	rBV	394491	553226	92.35%	5.740%
70	17.503	2516	2519	2525	rVB	92657	109497	18.28%	1.136%
71	17.598	2532	2535	2539	rVB	31683	36088	6.02%	0.374%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

72	17.892	2581	2585	2588	rBV	65871	100484	16.77%	1.043%
73	17.939	2590	2593	2598	rVB	108602	157492	26.29%	1.634%
74	18.080	2614	2617	2622	rBV3	43751	66903	11.17%	0.694%
75	18.198	2634	2637	2641	rBV	70957	83506	13.94%	0.866%
76	18.821	2739	2743	2744	rBV	73918	92466	15.44%	0.959%
77	19.086	2785	2788	2795	rVB	74796	94628	15.80%	0.982%
78	19.427	2841	2846	2849	rBV	433032	599033	100.00%	6.215%
79	20.515	3028	3031	3035	rBV	59034	65919	11.00%	0.684%
80	21.227	3148	3152	3156	rBV	286975	378769	63.23%	3.930%
81	23.303	3501	3505	3511	rVB	191882	319398	53.32%	3.314%
82	23.444	3525	3529	3536	rVB2	181687	336521	56.18%	3.491%

Sum of corrected areas: 9638581

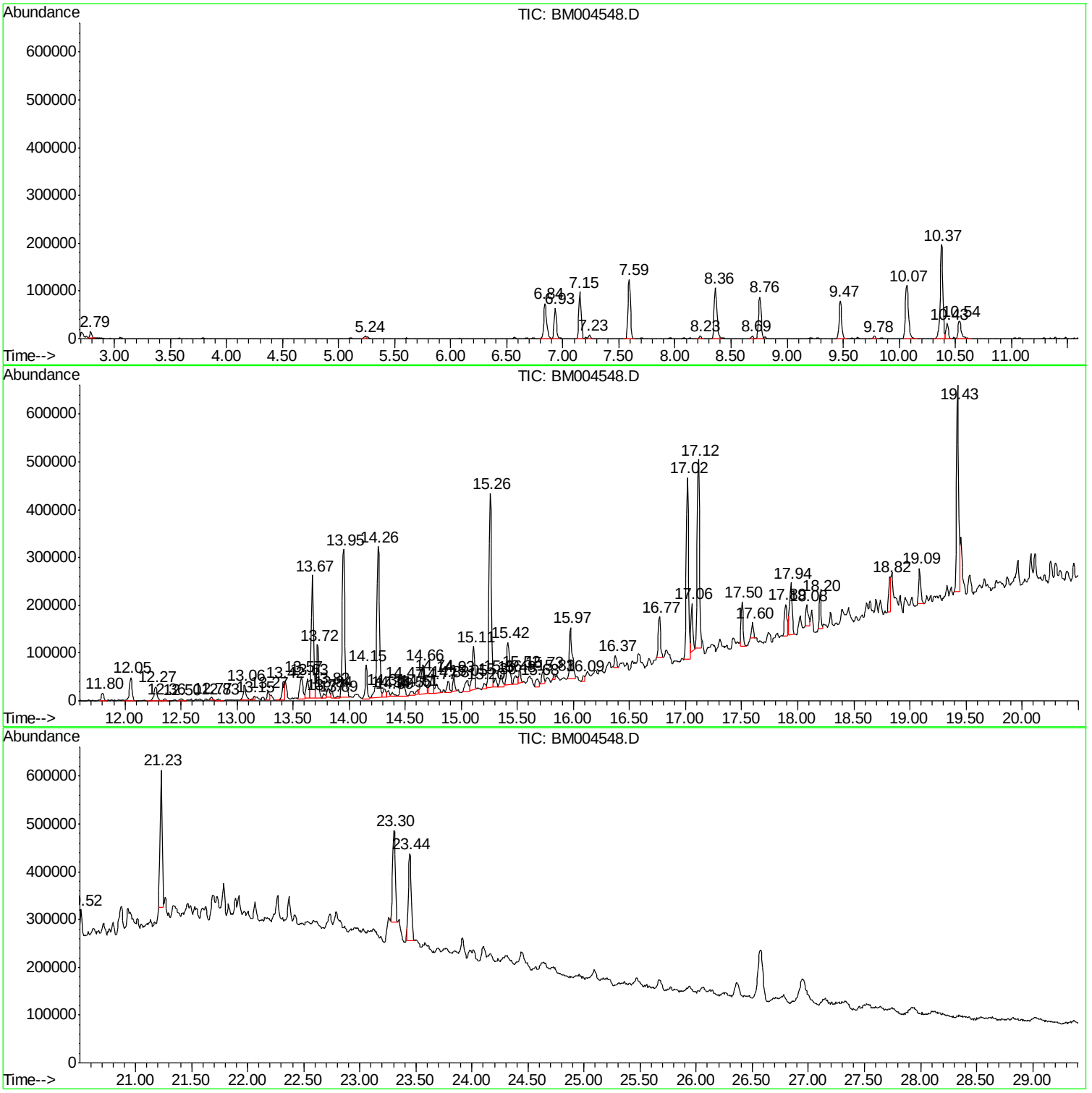
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P009-SS002-01

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

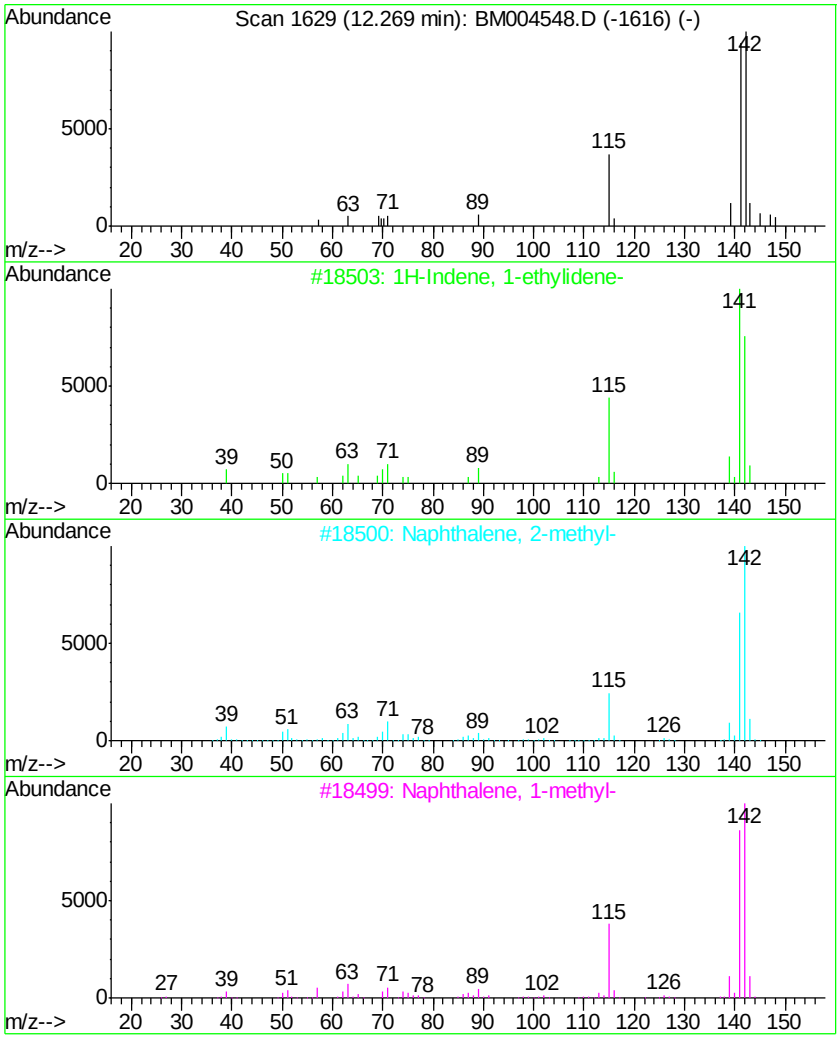
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

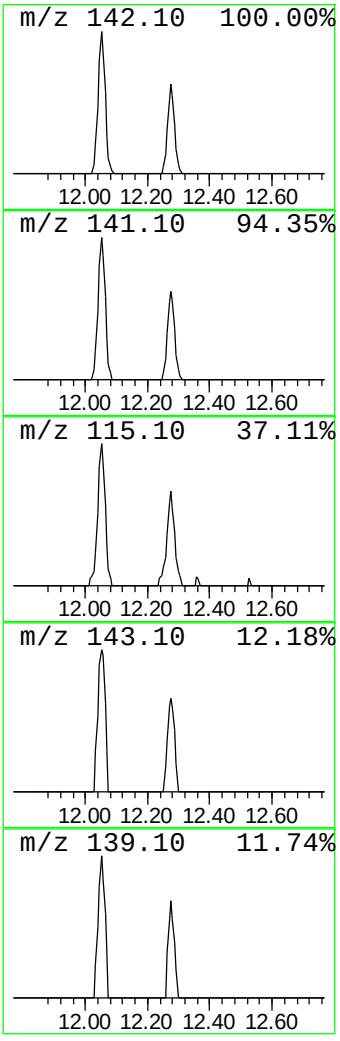
****

Peak Number 1 1H-Indene, 1-ethylidene- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.23 ng/ul	55798	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

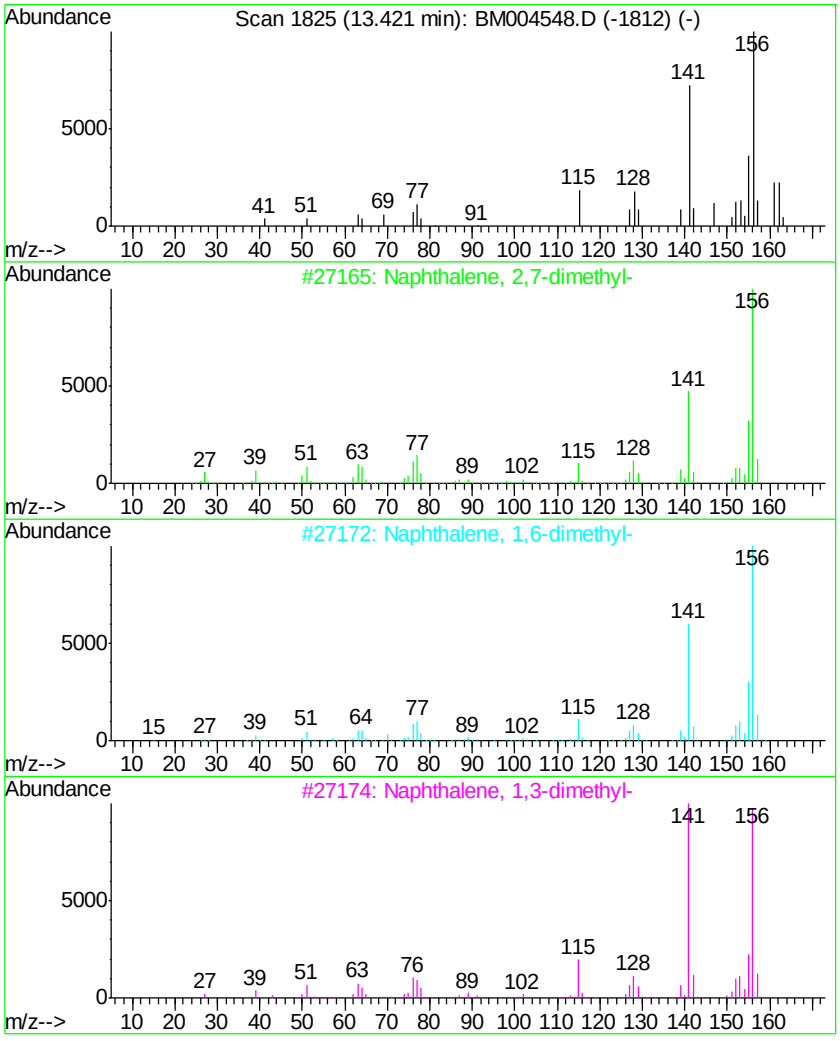
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

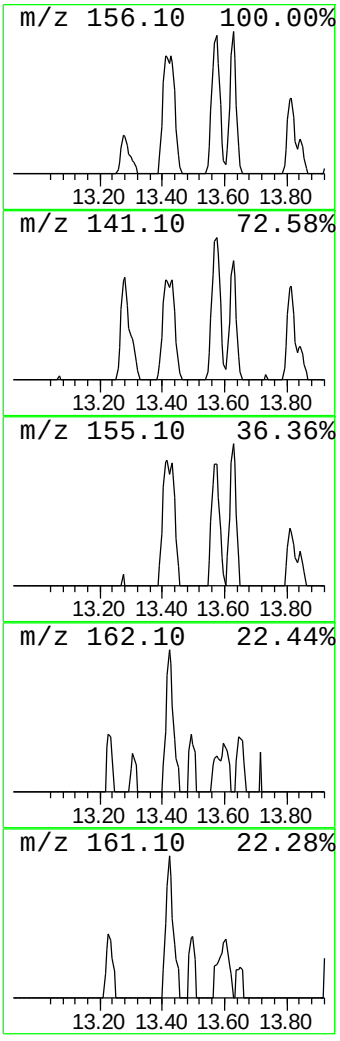
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.21 ng/ul	58040	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

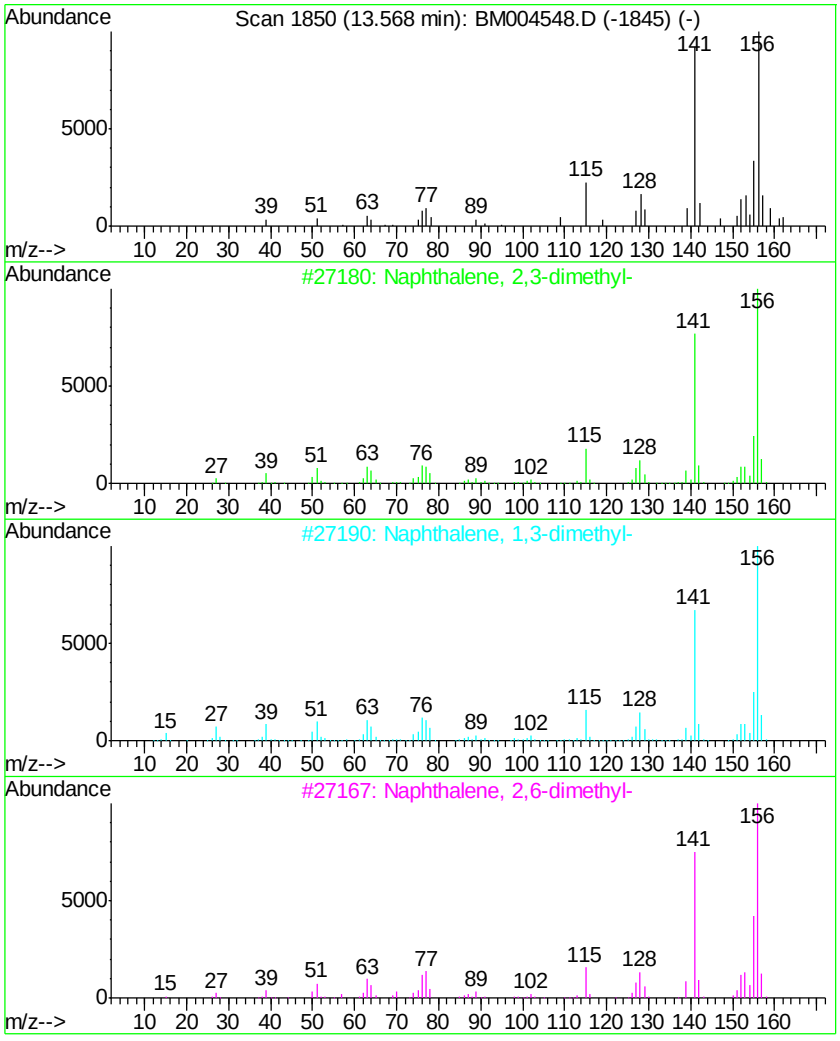
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

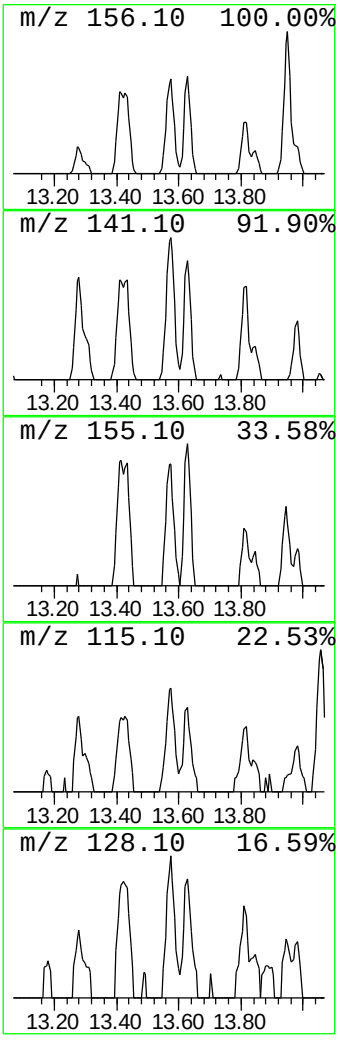
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	3.29 ng/ul	86321	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

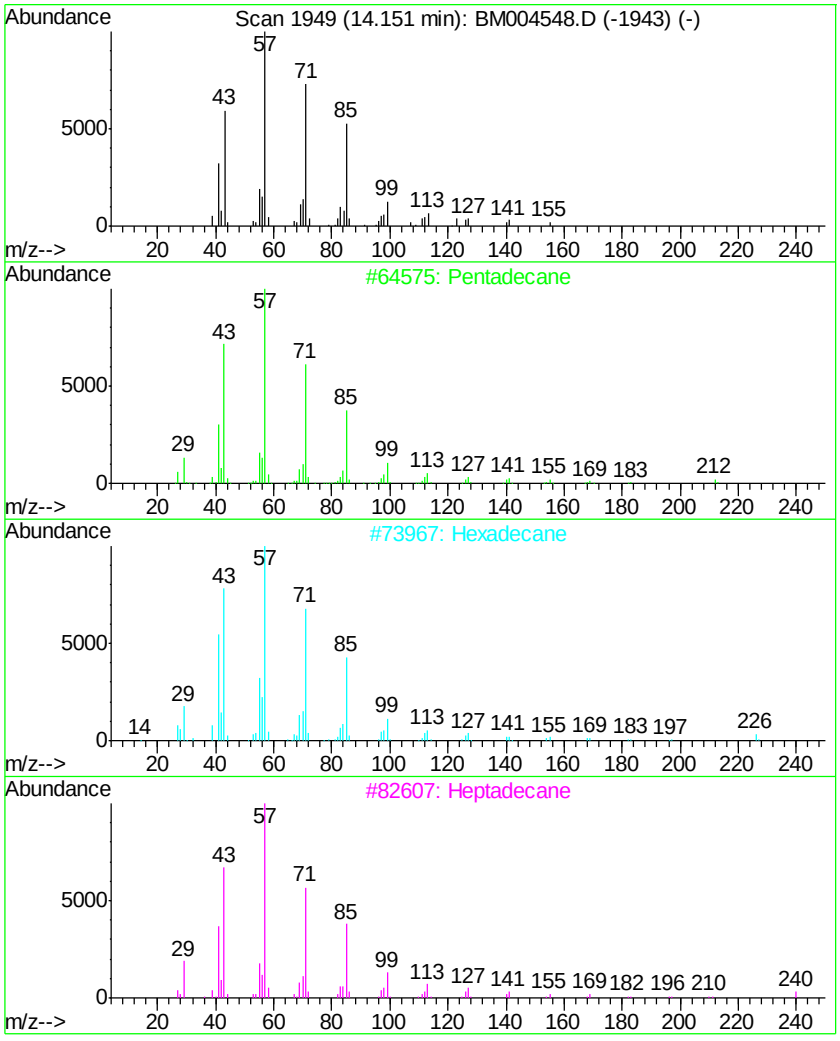
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

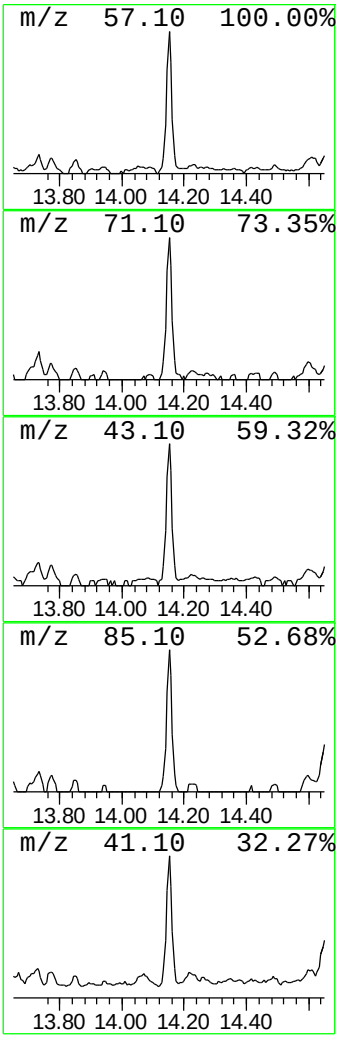
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	3.49 ng/ul	91710	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

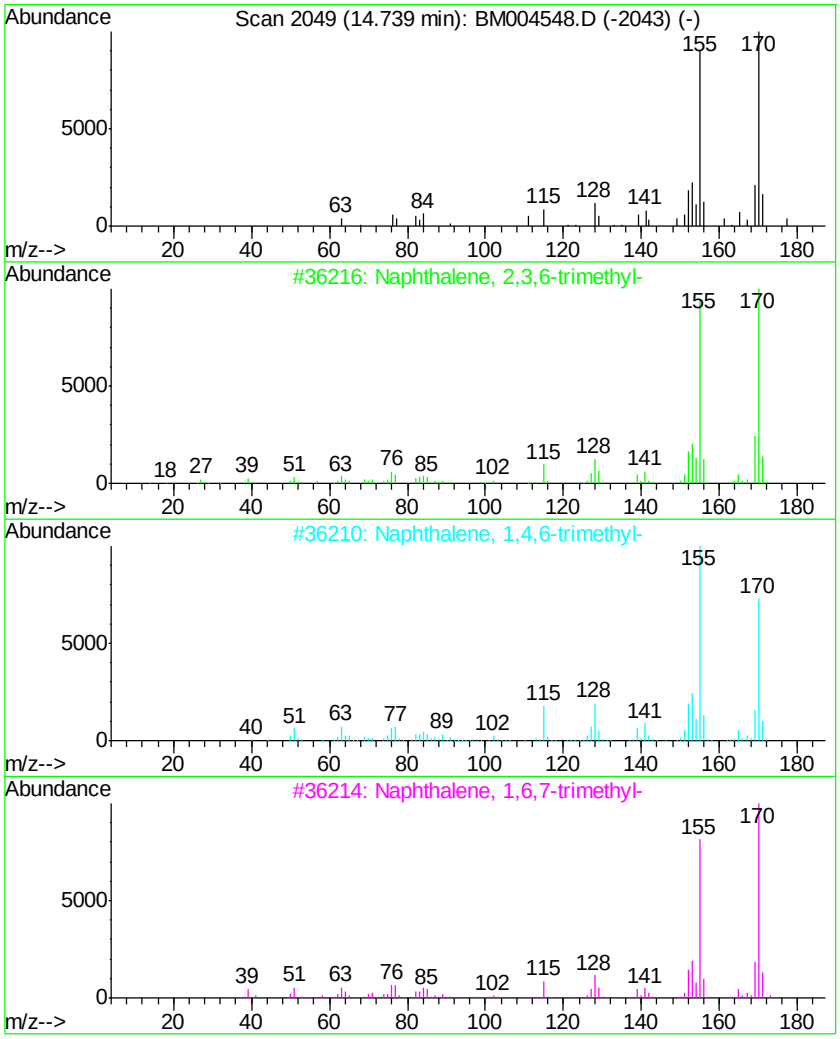
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

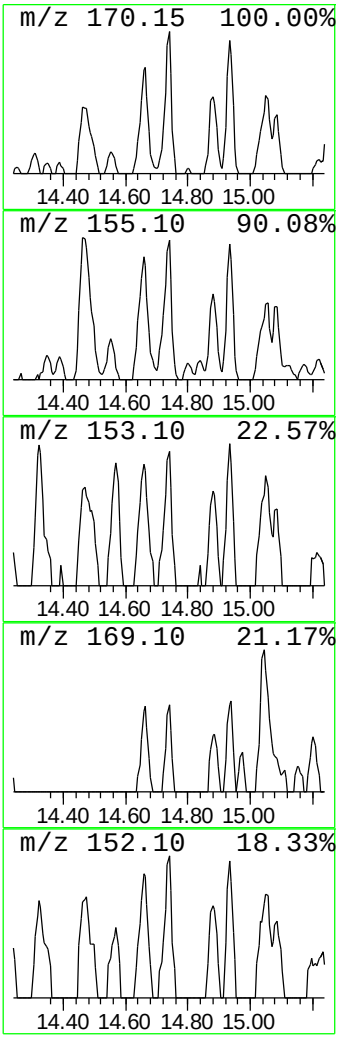
****

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.83 ng/ul	74286	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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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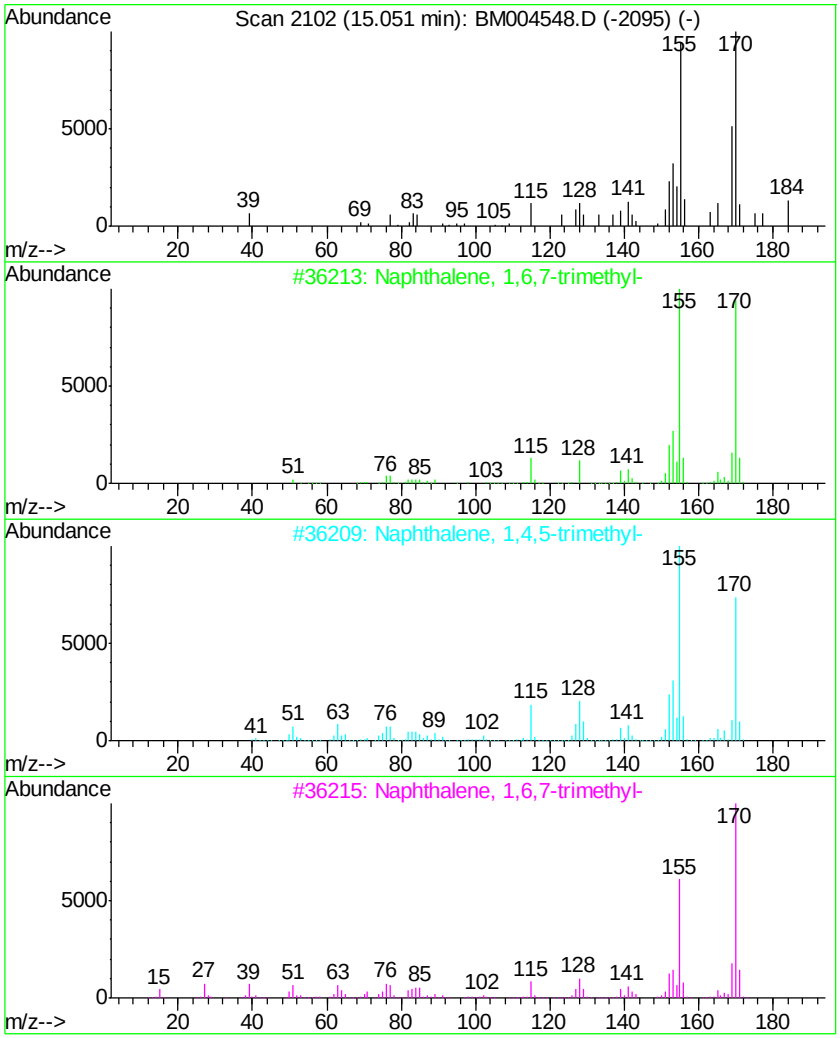
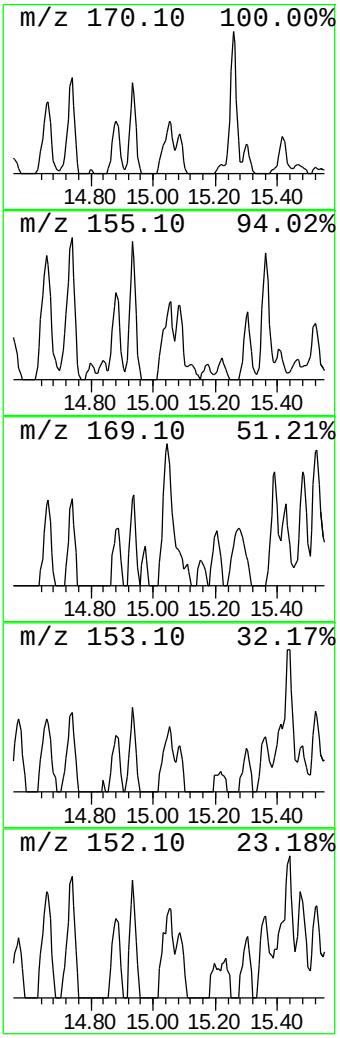
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.18 ng/ul	57185	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

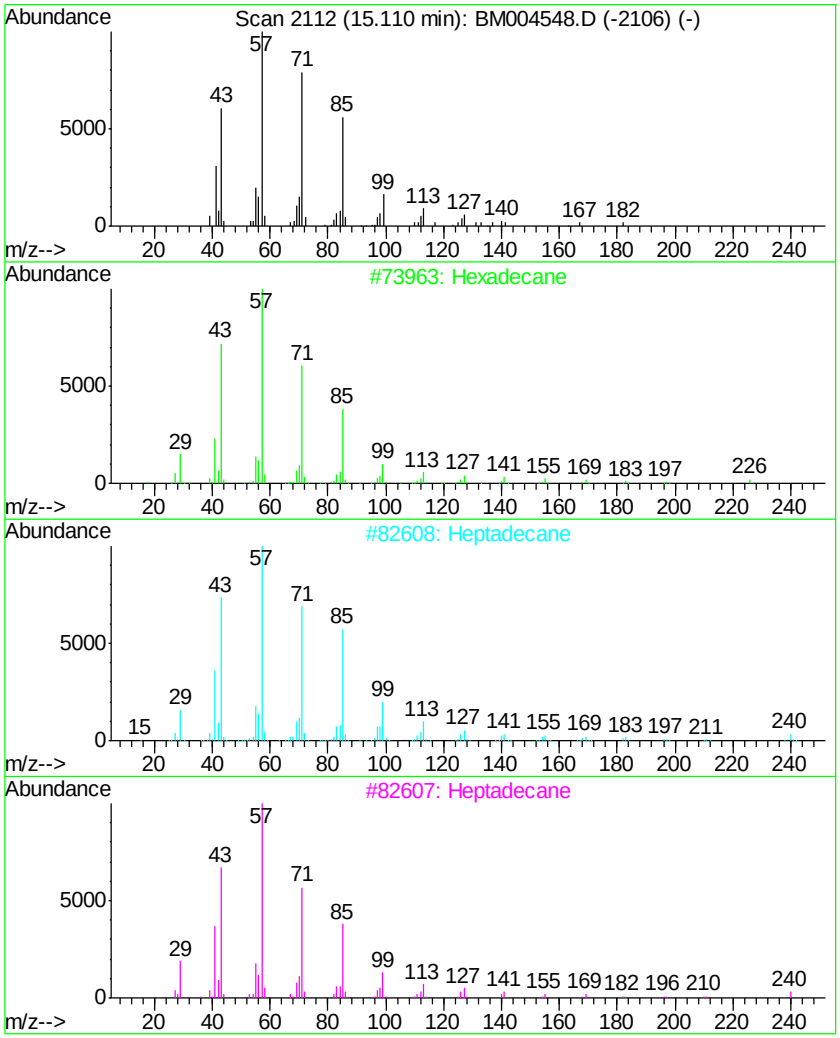
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

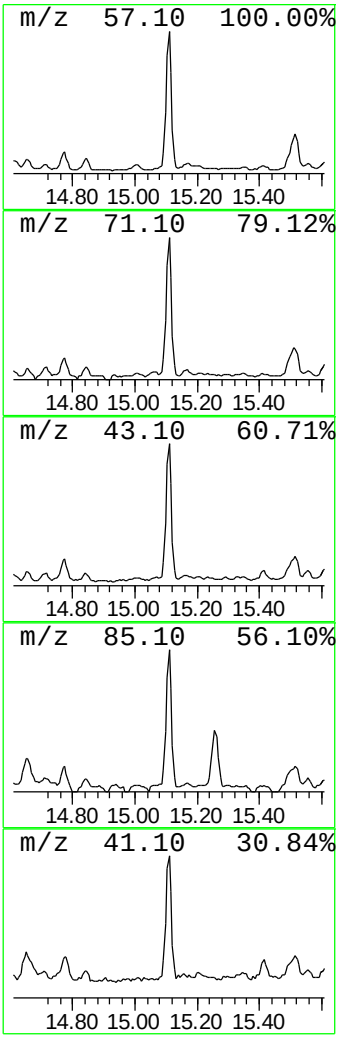
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	4.80 ng/ul	126041	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

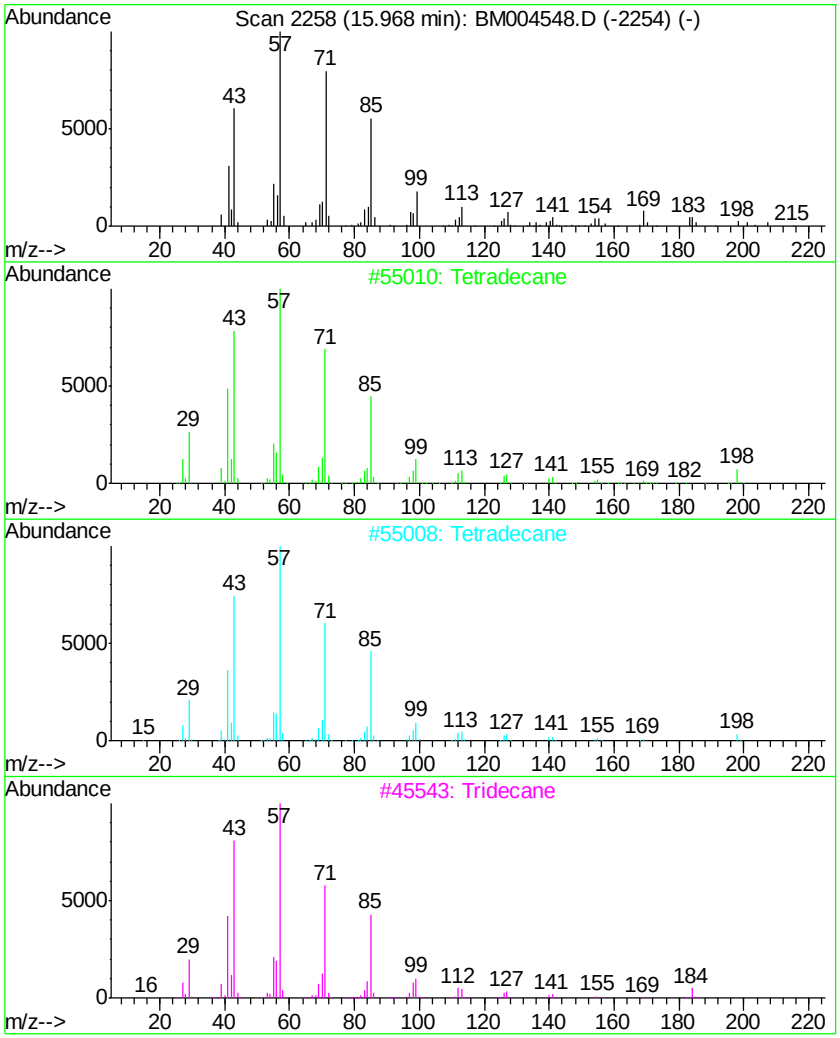
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

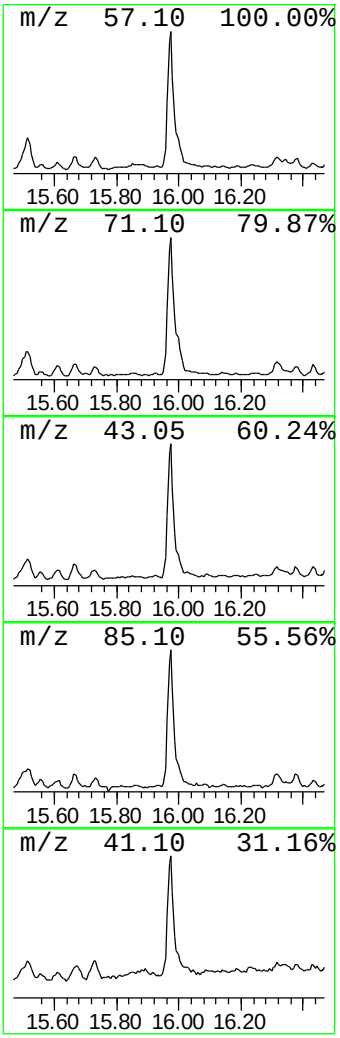
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	7.26 ng/ul	189905	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tetradecane	198	C14H30	000629-59-4	94
3	Tridecane	184	C13H28	000629-50-5	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

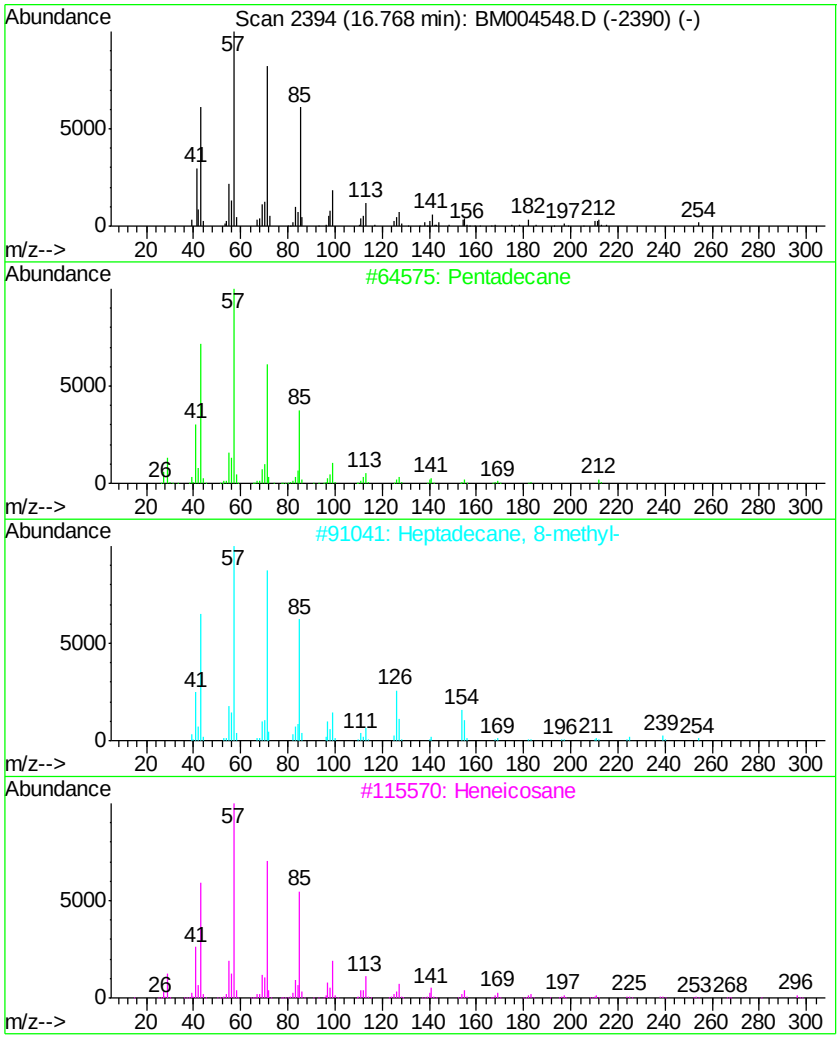
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

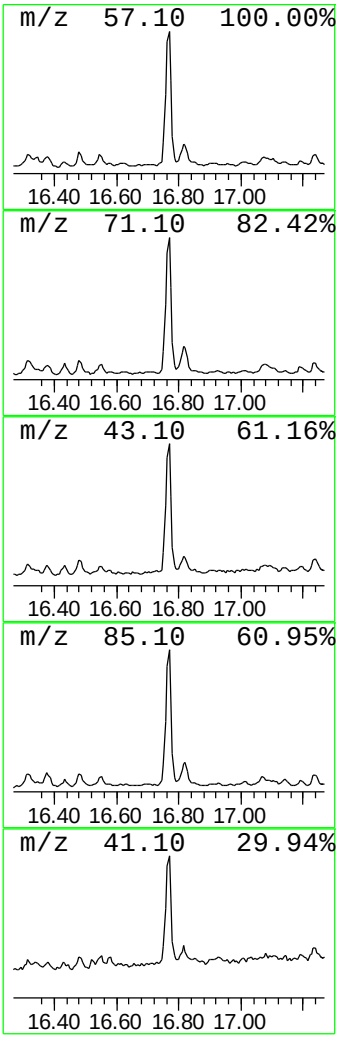
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	4.17 ng/ul	109188	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Hexadecane	226	C16H34	000544-76-3	87





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Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

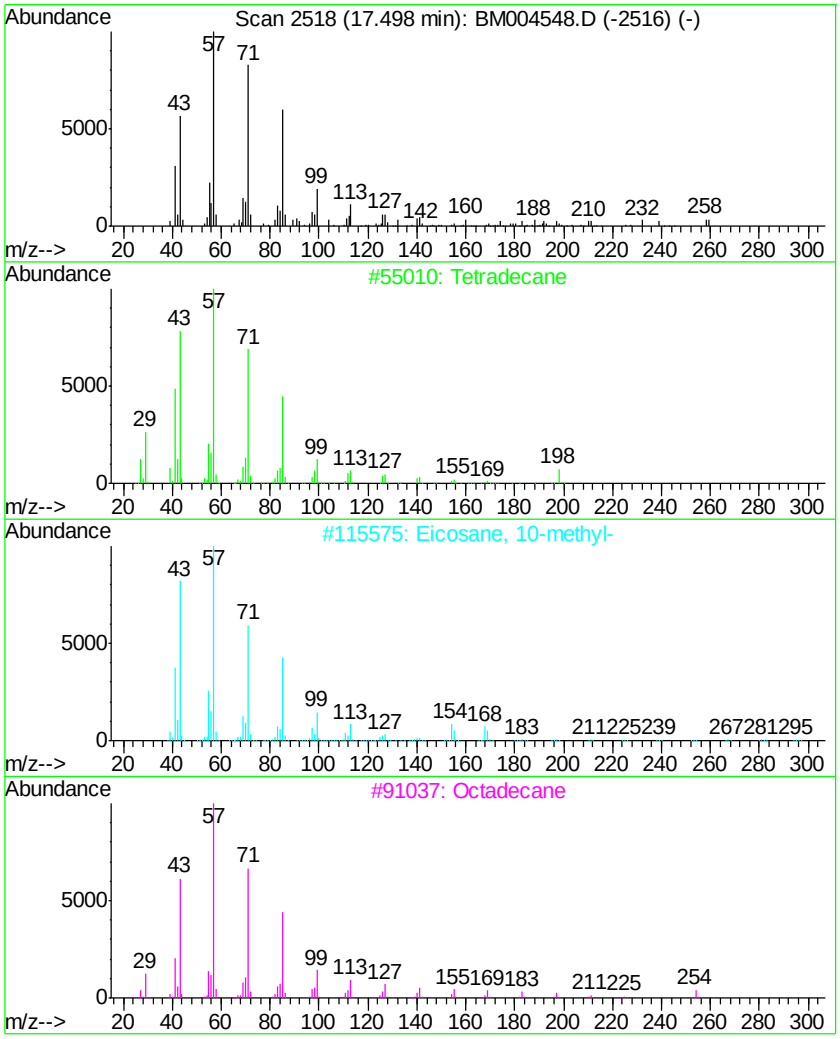
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

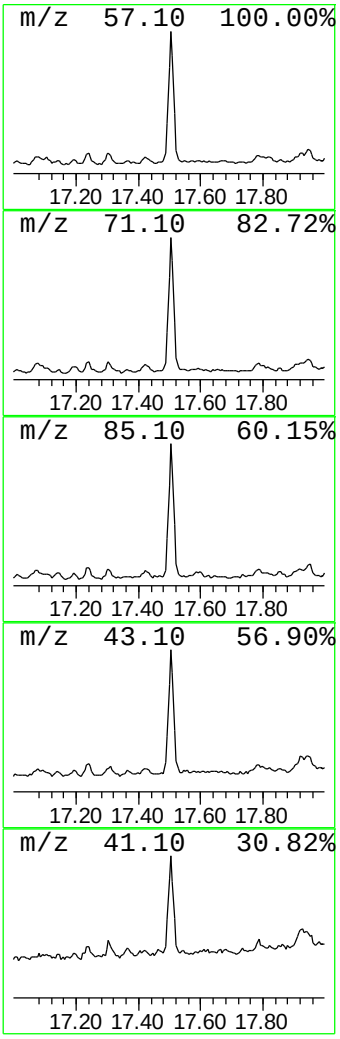
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	4.18 ng/ul	109497	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octadecane	254	C18H38	000593-45-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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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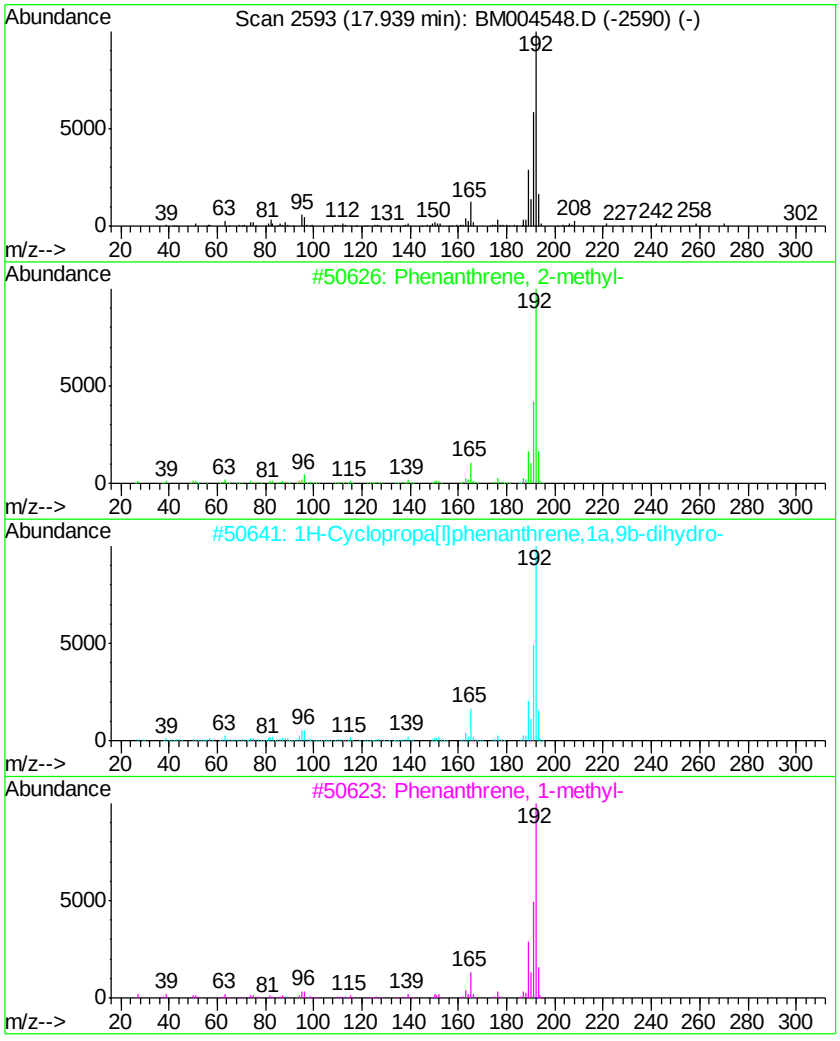
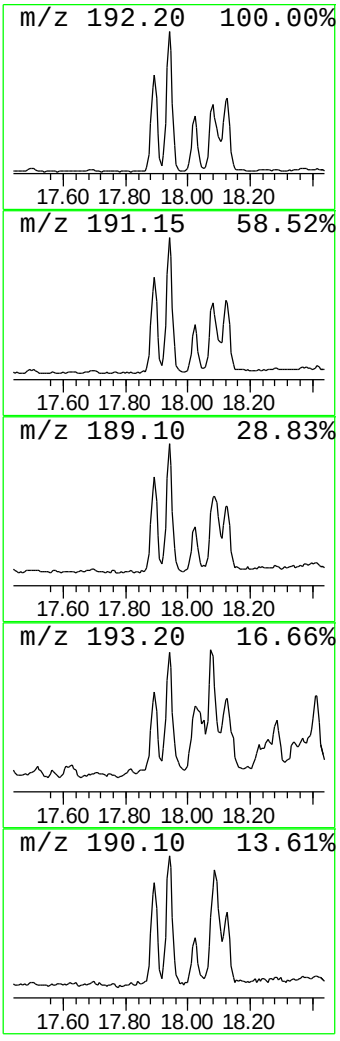
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	6.02 ng/ul	157492	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

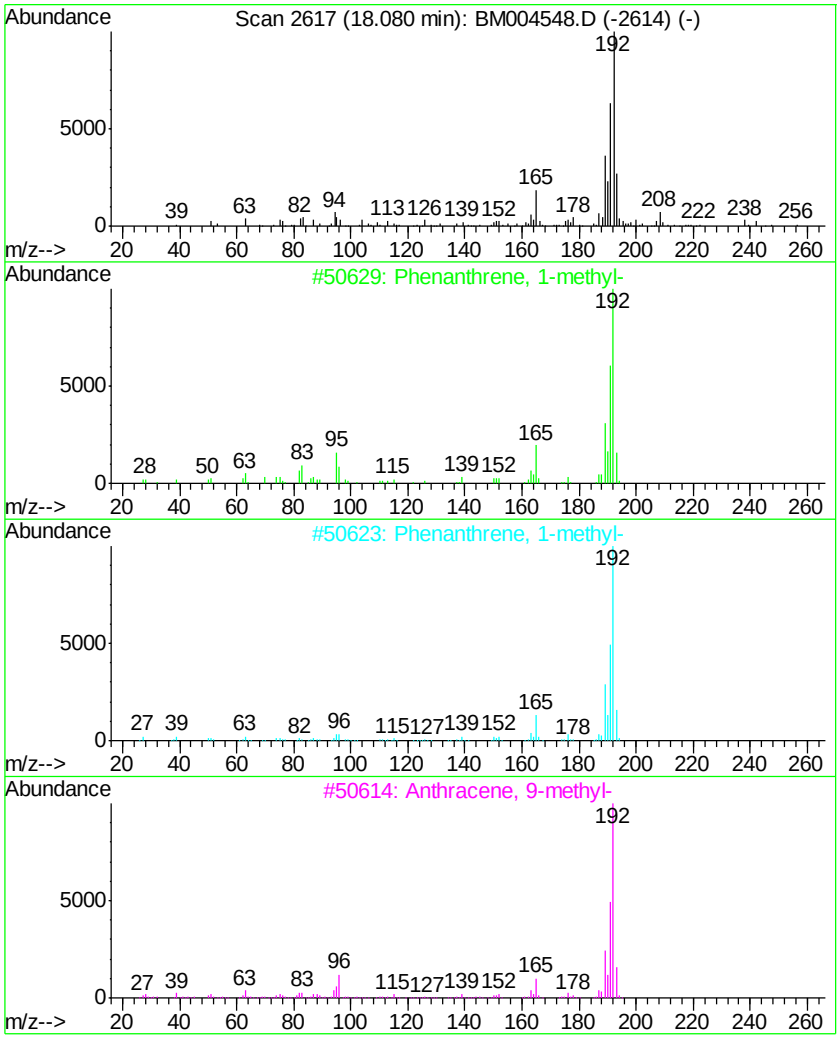
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

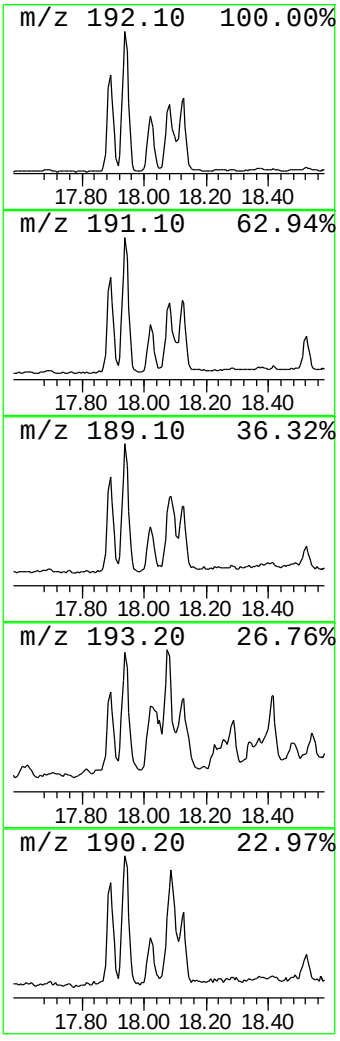
****

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.56 ng/ul	66903	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

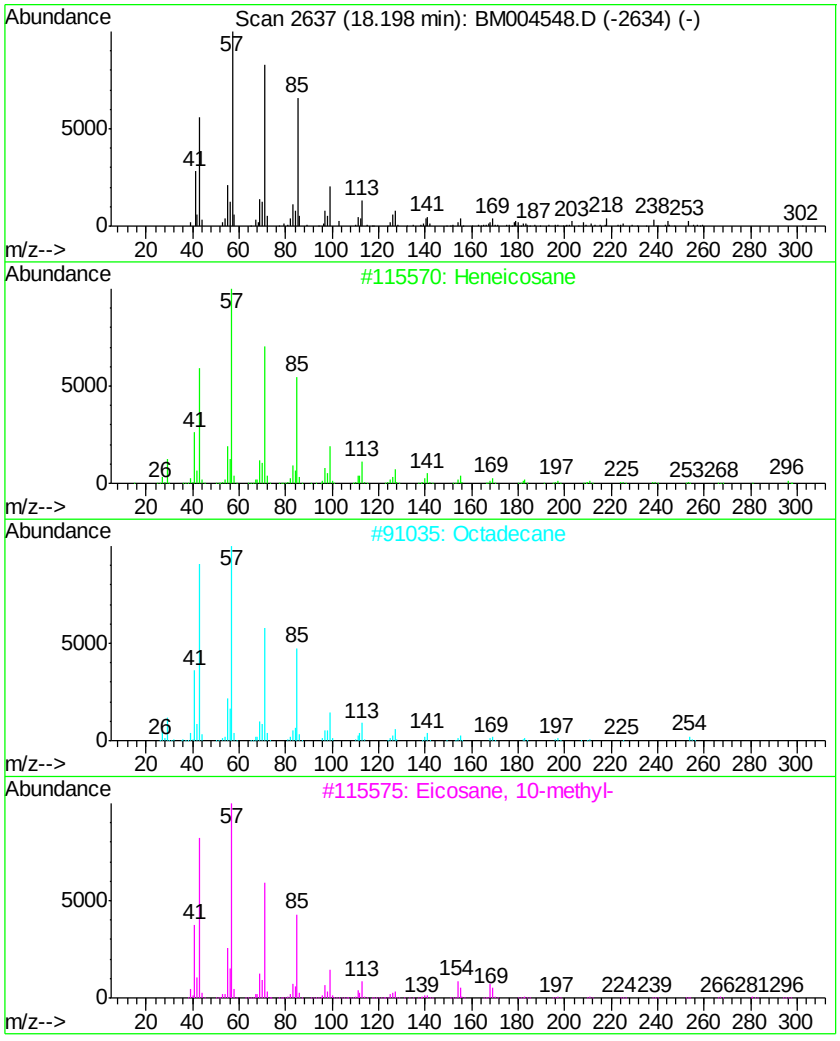
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION

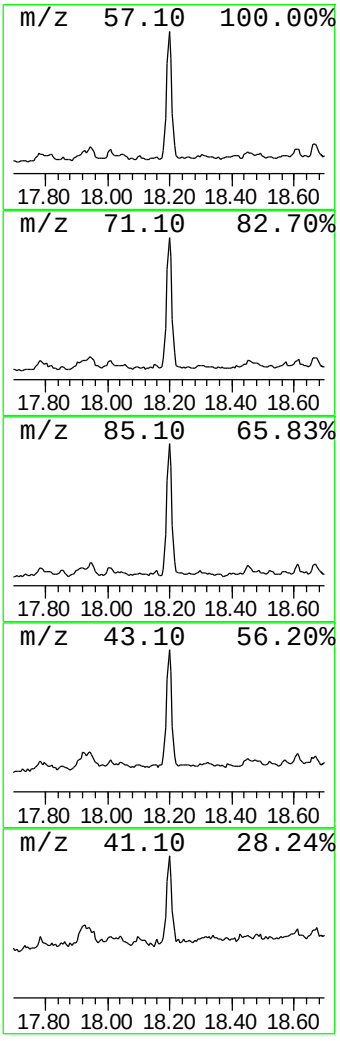
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.19 ng/ul	83506	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5	Heptadecane	240	C17H36	000629-78-7	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

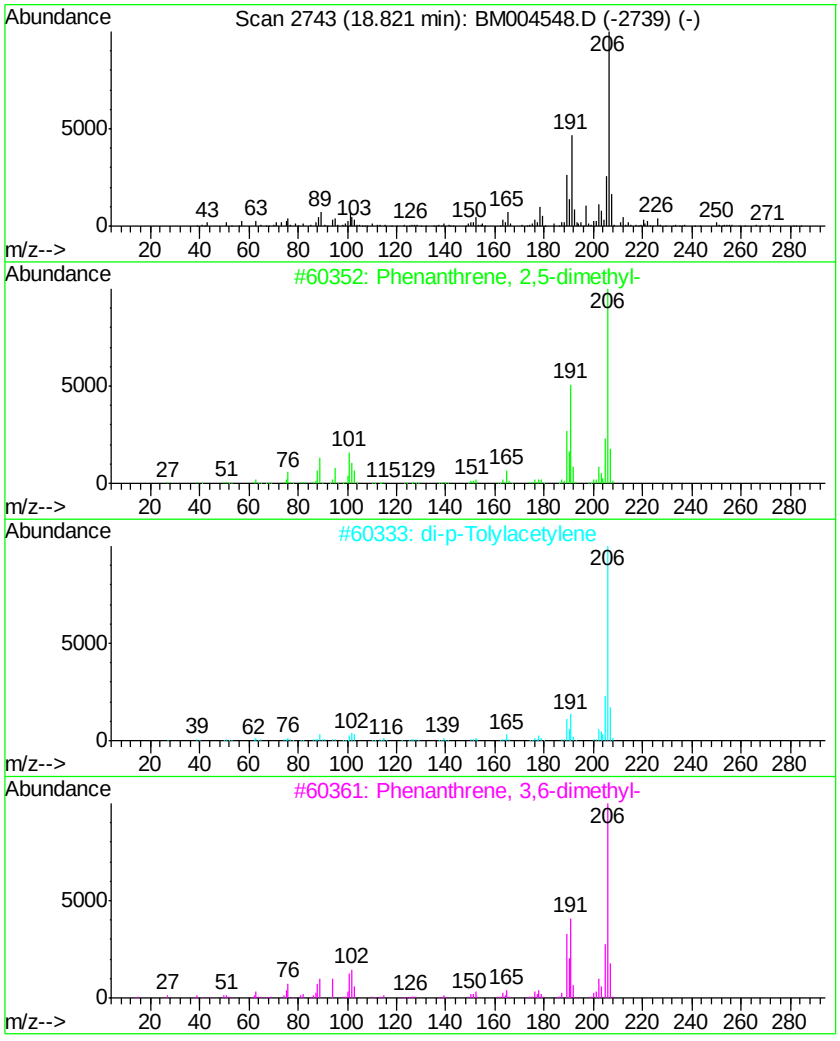
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

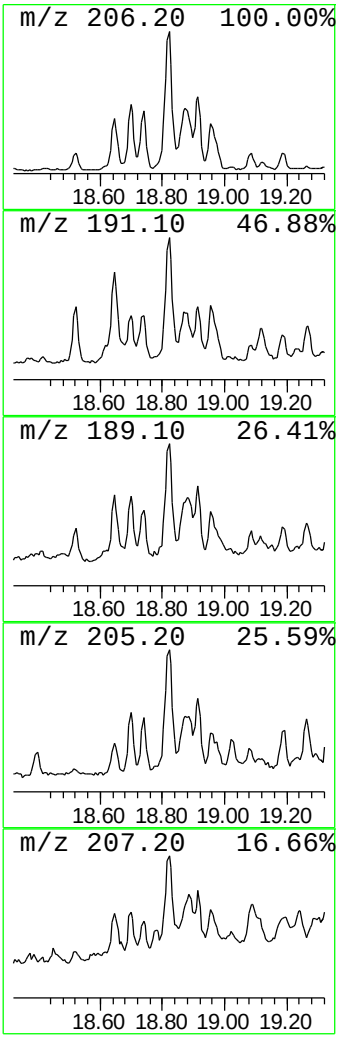
****

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.53 ng/ul	92466	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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

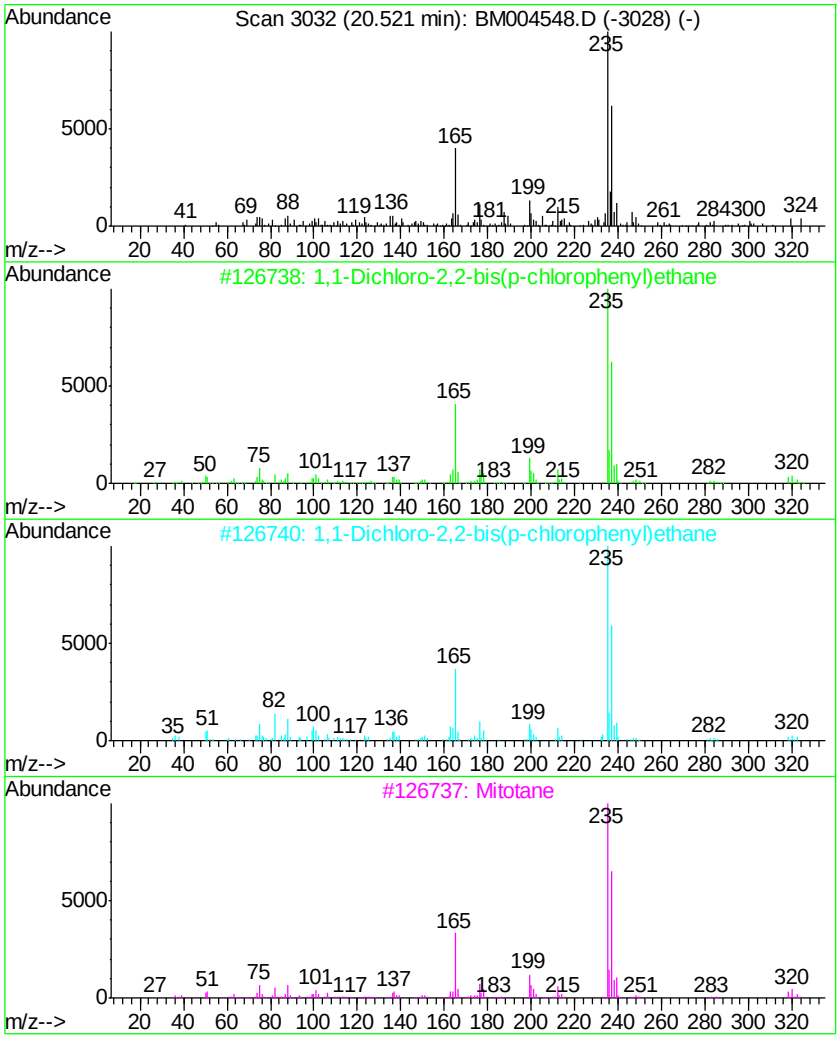
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

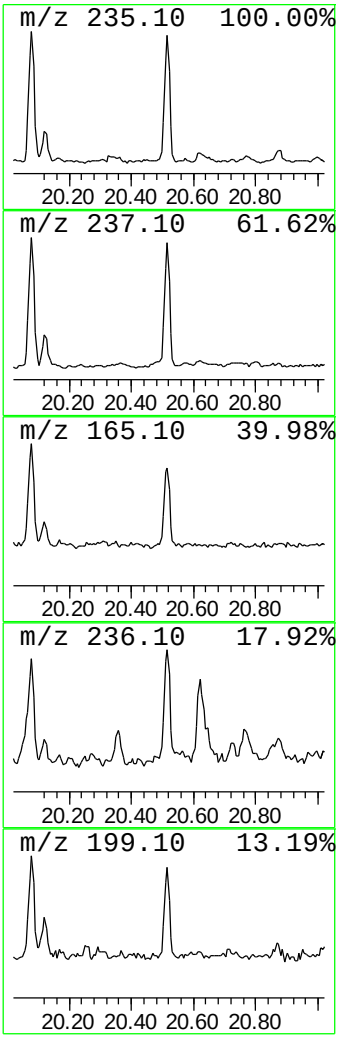
****

Peak Number 18 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	3.48 ng/ul	65919	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
2	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
3	Mitotane	318	C14H10Cl4	000053-19-0	87
4	m,p'-DDD	318	C14H10Cl4	004329-12-8	87
5	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P009-SS002-01

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
1H-Indene, 1-ethy...	12.27	3.2	ng/ul	55798	2	10.37	345239	20.0
Naphthalene, 2,7-...	13.42	2.2	ng/ul	58040	3	14.26	525339	20.0
Naphthalene, 2,3-...	13.57	3.3	ng/ul	86321	3	14.26	525339	20.0
(DEL) Alkane: Str...	14.15	3.5	ng/ul	91710	3	14.26	525339	20.0
Naphthalene, 2,3,...	14.74	2.8	ng/ul	74286	3	14.26	525339	20.0
Naphthalene, 1,6,...	15.05	2.2	ng/ul	57185	3	14.26	525339	20.0
(DEL) Alkane: Str...	15.11	4.8	ng/ul	126041	3	14.26	525339	20.0
(DEL) Alkane: Str...	15.97	7.3	ng/ul	189905	4	17.02	523356	20.0
(DEL) Alkane: Str...	16.77	4.2	ng/ul	109188	4	17.02	523356	20.0
(DEL) Alkane: Str...	17.50	4.2	ng/ul	109497	4	17.02	523356	20.0
Phenanthrene, 2-m...	17.94	6.0	ng/ul	157492	4	17.02	523356	20.0
Phenanthrene, 1-m...	18.08	2.6	ng/ul	66903	4	17.02	523356	20.0
(DEL) Alkane: Str...	18.20	3.2	ng/ul	83506	4	17.02	523356	20.0
Phenanthrene, 2,5...	18.82	3.5	ng/ul	92466	4	17.02	523356	20.0
1,1-Dichloro-2,2-...	20.52	3.5	ng/ul	65919	5	21.23	378769	20.0