LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

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\SOM-EPA-BM011018.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	9.751	1144	1150	1160	rBV2	1287431	2503837	1.27%	0.194%
2	9.986	1184	1190	1197	rVB2	2179846	3657587	1.86%	0.283%
3	10.328	1240	1248	1252	rBV	1684185	3054987	1.55%	0.236%
4	10.445	1255	1268	1272	rVV2	51378688	121800279	61.87%	9.423%
5	10.528	1274	1282	1288	rVB	2024287	4028596	2.05%	0.312%
6	11.792	1491	1497	1502	rBV	2890796	4011937	2.04%	0.310%
7	12.057	1529	1542	1546	rBV2	50691295	97783968	49.67%	7.565%
8	12.269	1564	1578	1583	rVV	25055864	41703004	21.18%	3.226%
9	13.057	1705	1712	1719	rBV2	16051670	24994422	12.70%	1.934%
10	13.257	1740	1746	1756	rVB	4498228	8049861	4.09%	0.623%
11	13.392	1762	1769	1770	rBV	5207072	7402717	3.76%	0.573%
12	13.557	1789	1797	1801	rBV	7457932	13901005	7.06%	1.075%
13	13.610	1801	1806	1812	rVV	5198068	7629121	3.88%	0.590%
14	13.716	1818	1824	1829	rVB2	1939244	3128782	1.59%	0.242%
15	13.786	1829	1836	1840	rVV2	2804452	4827217	2.45%	0.373%
16	13.921	1854	1859	1862	rBV	1746416	2581400	1.31%	0.200%
17	13.957	1862	1865	1870	rVB	1958016	2554045	1.30%	0.198%
18	14.145	1891	1897	1901	rBV	6677127	7996774	4.06%	0.619%
19	14.227	1901	1911	1918	rBV	19094671	25771284	13.09%	1.994%
20	14.321	1918	1927	1932	rVB	40054755	64290925	32.66%	4.974%
21	14.386	1932	1938	1943	rVB	2462506	3671338	1.86%	0.284%
22	14.545	1960	1965	1969	rBV2	1392314	2302522	1.17%	0.178%
23	14.598	1969	1974	1977	rVV3	1463889	2770411	1.41%	0.214%
24	14.657	1977	1984	1990	rVV	32363730	56790703	28.85%	4.393%
25	14.715	1990	1994	1998	rVV	1533190	2214046	1.12%	0.171%
26	14.763	1998	2002	2011	rVB6	1156656	2345118	1.19%	0.181%
27	14.857	2011	2018	2024	rBV4	1676794	3678077	1.87%	0.285%
28	15.027	2040	2047	2050	rBV3	1010896	2210453	1.12%	0.171%
29	15.104	2055	2060	2064	rVB	6867690	8896039	4.52%	0.688%
30	15.233	2077	2082	2087	rVV2	1971044	3604404	1.83%	0.279%
31	15.304	2087	2094	2104	rVV	26749085	43600537	22.15%	3.373%
32	15.415	2110	2113	2116	rVV3	2448599	3560956	1.81%	0.275%
33	15.457	2116	2120	2124	rVV	4070082	6058630	3.08%	0.469%
34	15.504	2124	2128	2131	rVV	2592678	3940294	2.00%	0.305%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

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\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

35	15.539	2131	2134	2138	rVV	2492233	3527040	1.79%	0.273%
36	15.586	2138	2142	2150	rVB	6580201	10154797	5.16%	0.786%
37	15.710	2157	2163	2166	rBV	14512394	19987867	10.15%	1.546%
38	15.739	2166	2168	2174	rVV	6639018	10394880	5.28%	0.804%
39	15.968	2201	2207	2214	rBV	7437901	15565215	7.91%	1.204%
40	16.033	2214	2218	2222	rVB	7217339	9132091	4.64%	0.706%
41	16.298	2257	2263	2268	rVB2	2521307	4123342	2.09%	0.319%
42	16.668	2319	2326	2331	rVB3	6795950	11649538	5.92%	0.901%
43	16.757	2331	2341	2345	rVV2	6605275	13465939	6.84%	1.042%
44	16.815	2346	2351	2361	rVB	9133755	14150789	7.19%	1.095%
45	16.904	2361	2366	2371	rBV	2439256	3206633	1.63%	0.248%
46	17.086	2378	2397	2400	rBV2	79107461	196863989	100.00%	15.230%
47	17.145	2403	2407	2411	rVV	17399095	22011720	11.18%	1.703%
48	17.215	2411	2419	2425	rVB2	3241817	5602091	2.85%	0.433%
49	17.404	2446	2451	2455	rBV	3367472	5450417	2.77%	0.422%
50	17.498	2462	2467	2474	rBV2	4773475	8396910	4.27%	0.650%
51	17.580	2477	2481	2488	rVB4	1204579	2366455	1.20%	0.183%
52	17.868	2525	2530	2534	rBV	6969893	10198932	5.18%	0.789%
53	17.921	2534	2539	2544	rVB	10741520	15126293	7.68%	1.170%
54	18.003	2544	2553	2558	rBV	3016604	5381498	2.73%	0.416%
55	18.068	2558	2564	2568	rBV2	11651629	20262205	10.29%	1.568%
56	18.186	2579	2584	2588	rBV	3804586	4661182	2.37%	0.361%
57	18.374	2611	2616	2621	rVB	6332356	8143217	4.14%	0.630%
58	18.792	2681	2687	2690	rBV	1637973	3044505	1.55%	0.236%
59	18.833	2690	2694	2697	rVV	2770244	3384623	1.72%	0.262%
60	19.092	2727	2738	2742	rBV2	53723722	102198747	51.91%	7.906%
61	19.450	2785	2799	2803	rBV4	37515490	86344078	43.86%	6.680%
62	19.498	2803	2807	2814	rVB2	2050490	2908258	1.48%	0.225%
63	19.609	2821	2826	2831	rVB	2501305	3407556	1.73%	0.264%
64	19.745	2844	2849	2857	rVB3	1942585	5221673	2.65%	0.404%
65	19.886	2868	2873	2875	rBV3	1297329	2012379	1.02%	0.156%
66	19.927	2876	2880	2887	rVB2	5487180	8929779	4.54%	0.691%
67	20.027	2892	2897	2901	rBV	5185504	6622843	3.36%	0.512%
68	20.080	2901	2906	2910	rVV2	2105107	3836546	1.95%	0.297%
69	20.874	3038	3041	3044	rVV	2015934	2270960	1.15%	0.176%
70	20.909	3044	3047	3053	rVB3	2198199	2903042	1.47%	0.225%
71	21.180	3088	3093	3098	rBV2	10347894	16333507	8.30%	1.264%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

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\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

72	21.233	3098	3102	3110	rVB	7864142	10086849	5.12%	0.780%
73	21.344	3117	3121	3127	rBV	2704066	3248280	1.65%	0.251%
74	22.733	3350	3357	3361	rBV	2805130	6303200	3.20%	0.488%
75	23.244	3439	3444	3447	rVV2	1539531	2724421	1.38%	0.211%
76	23.286	3447	3451	3457	rVB	2252395	3718590	1.89%	0.288%

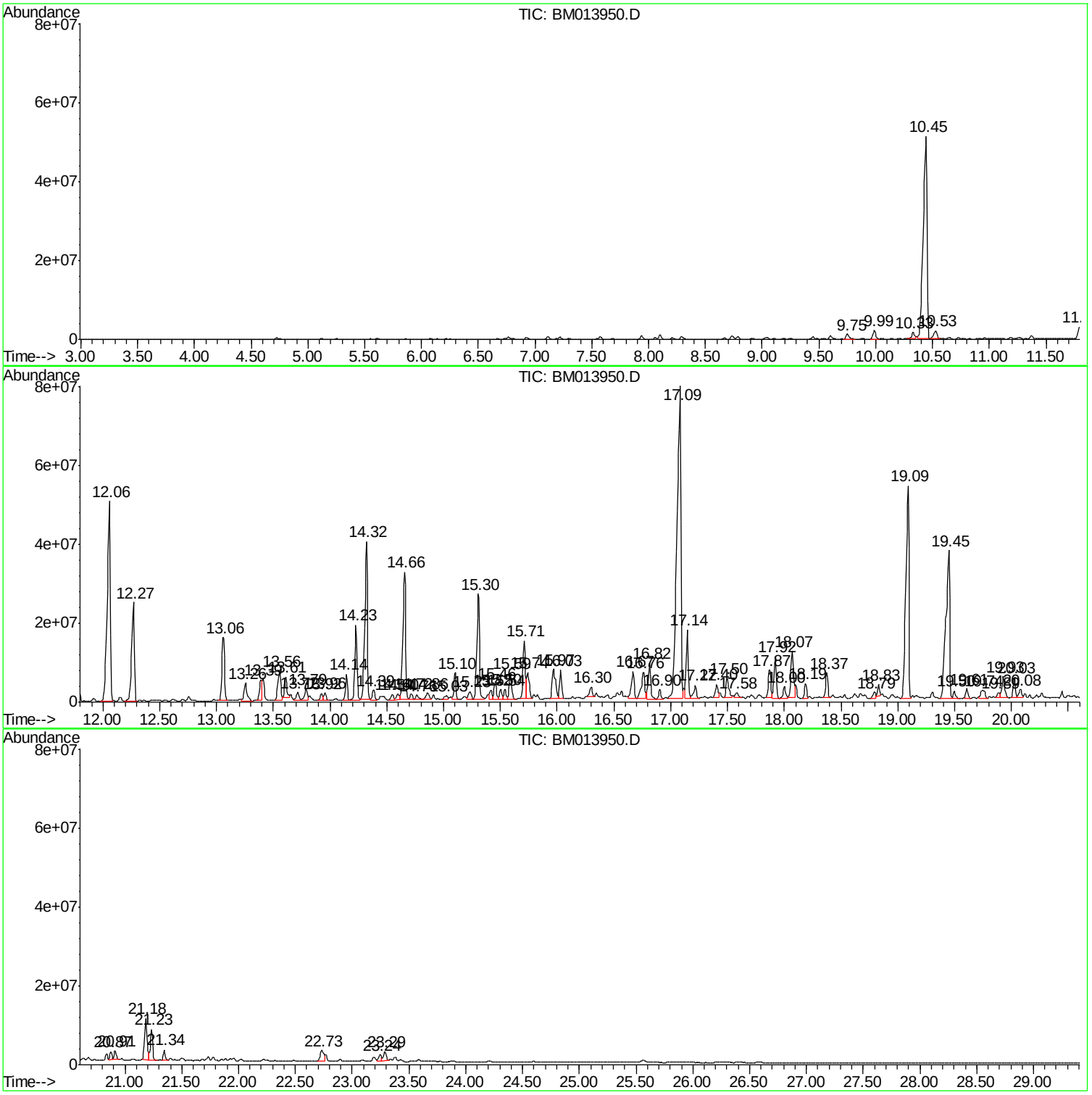
Sum of corrected areas: 1292638152

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

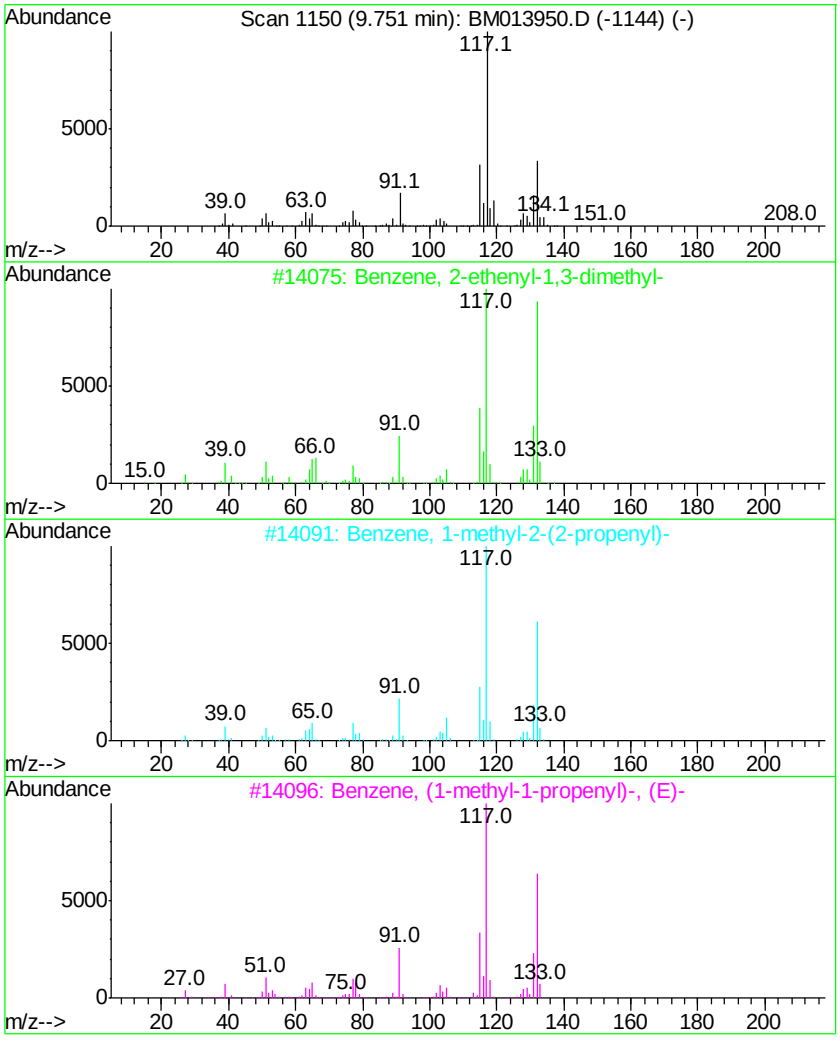
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

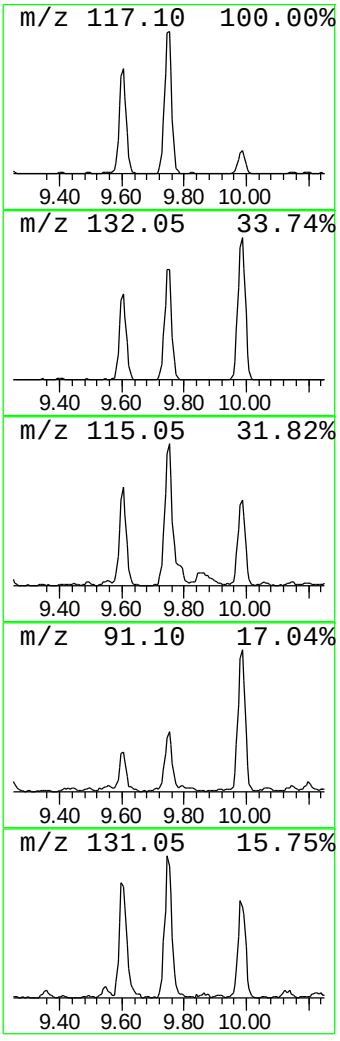
****

Peak Number 1 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	16.39 ng/ul	2503840	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

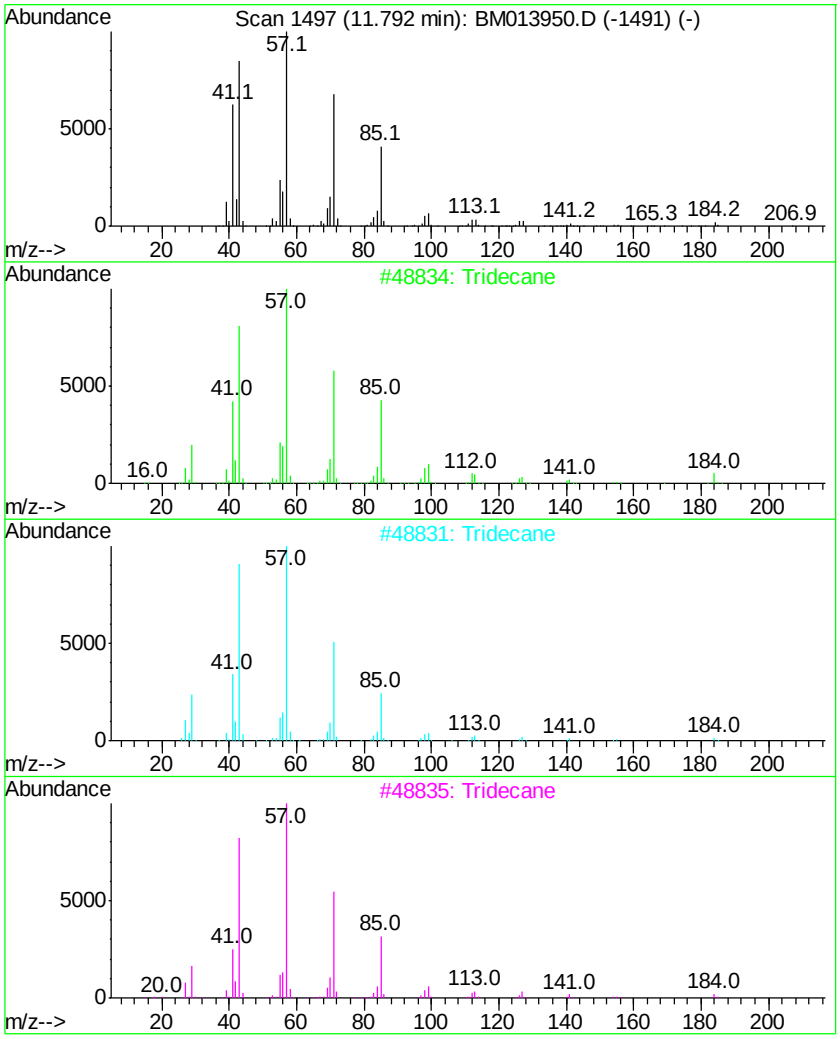
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

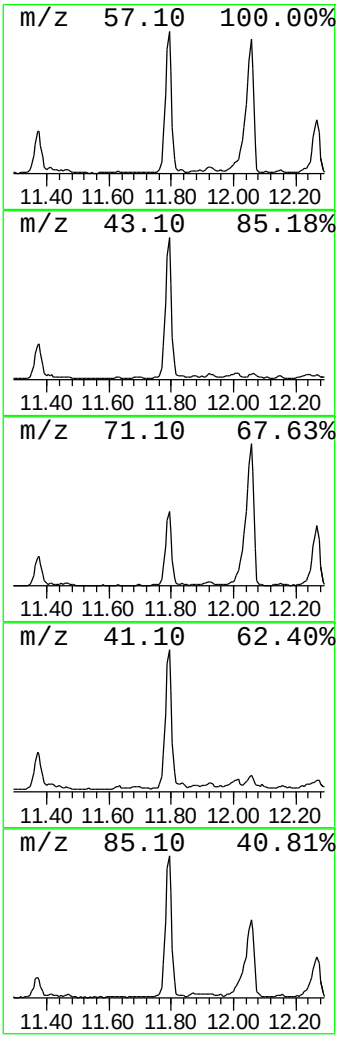
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	26.26 ng/ul	4011940	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	94
3	Tridecane	184	C13H28	000629-50-5	94
4	Tetradecane	198	C14H30	000629-59-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

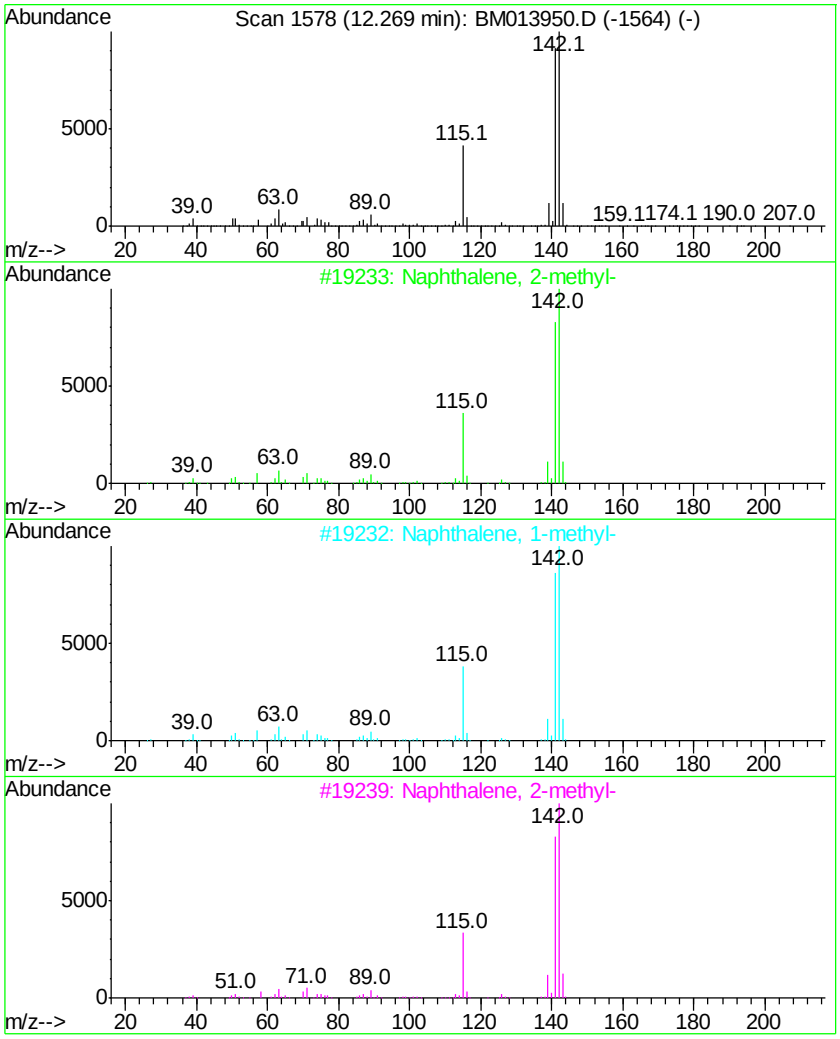
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

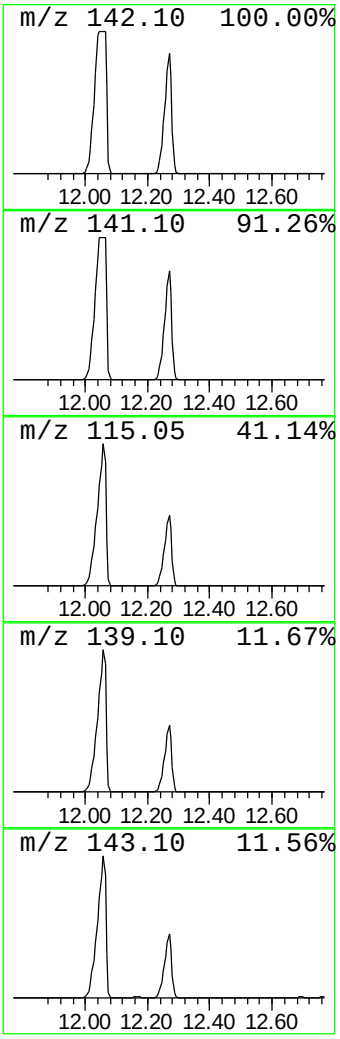
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	273.02 ng/ul	41703000	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

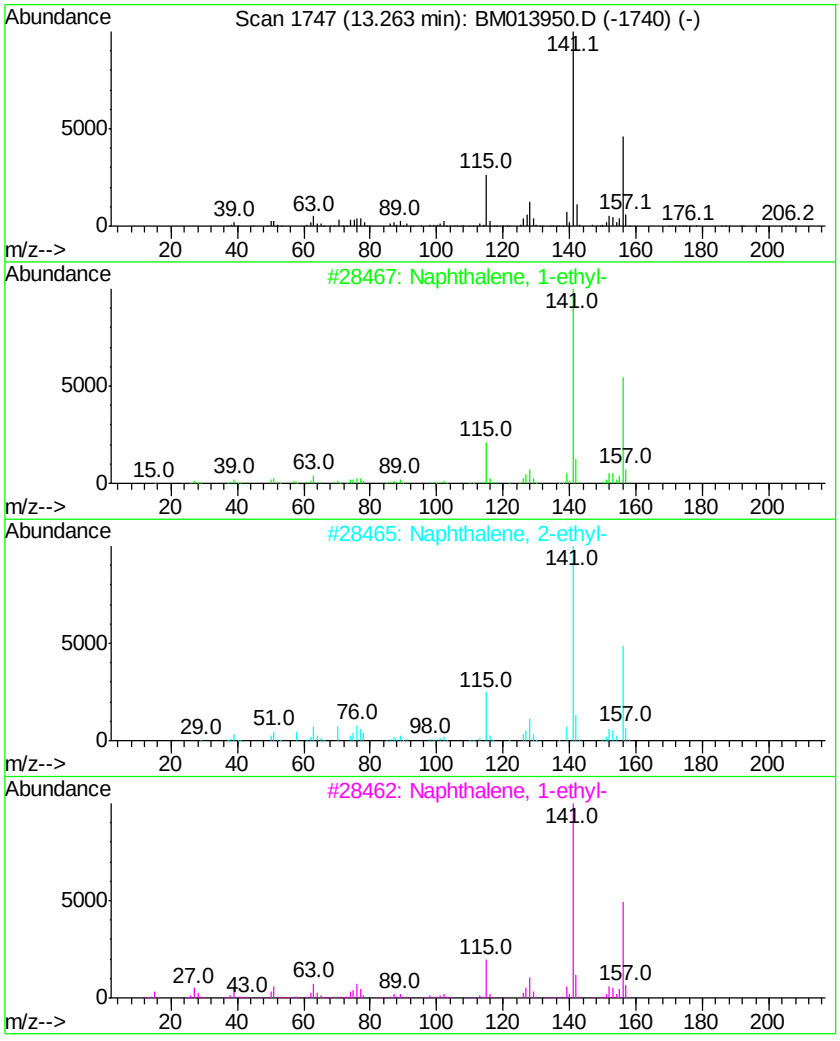
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

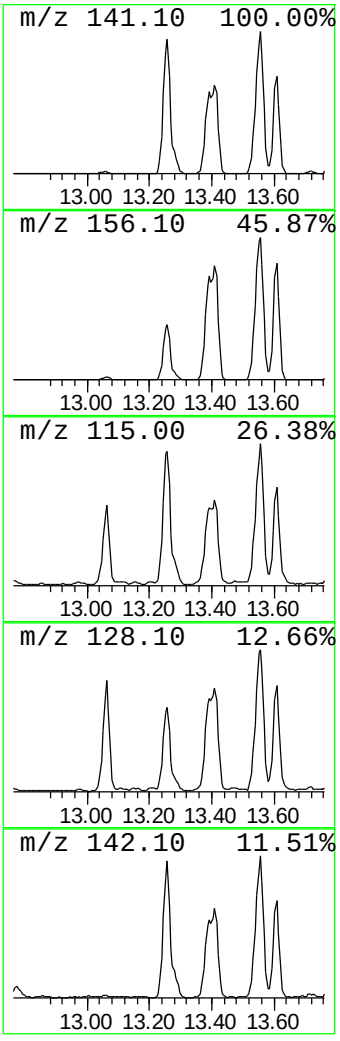
****

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.25 ng/ul	8049860	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

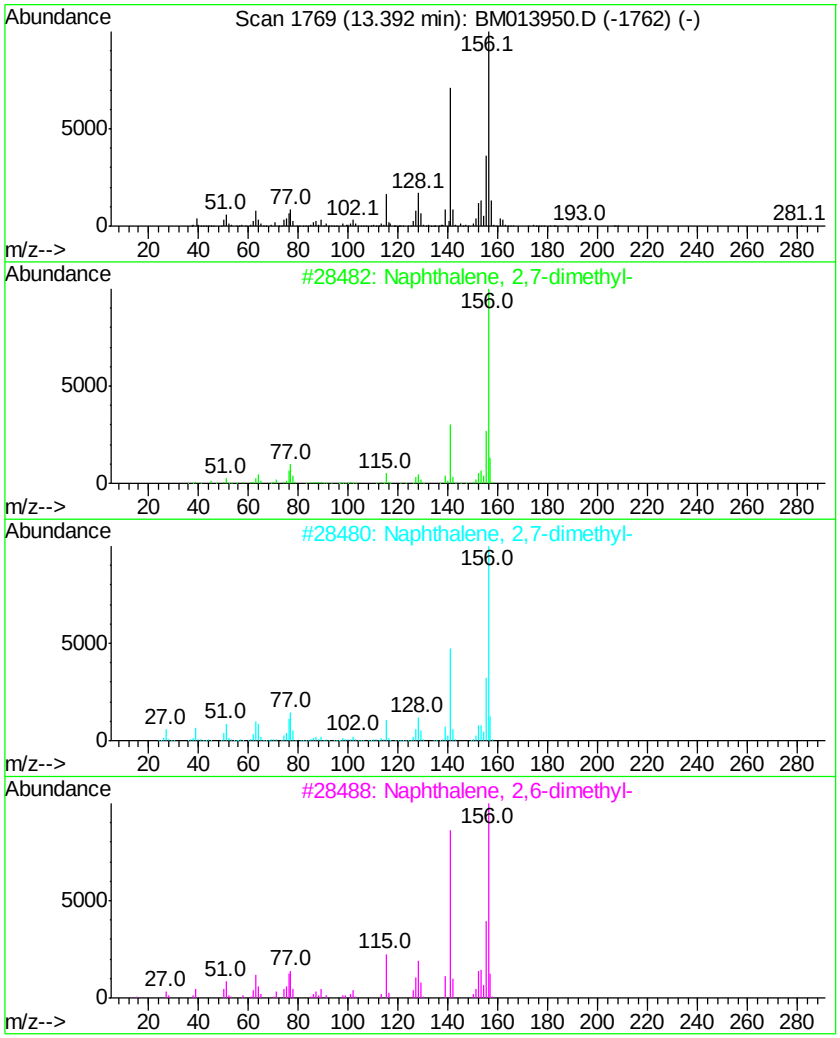
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

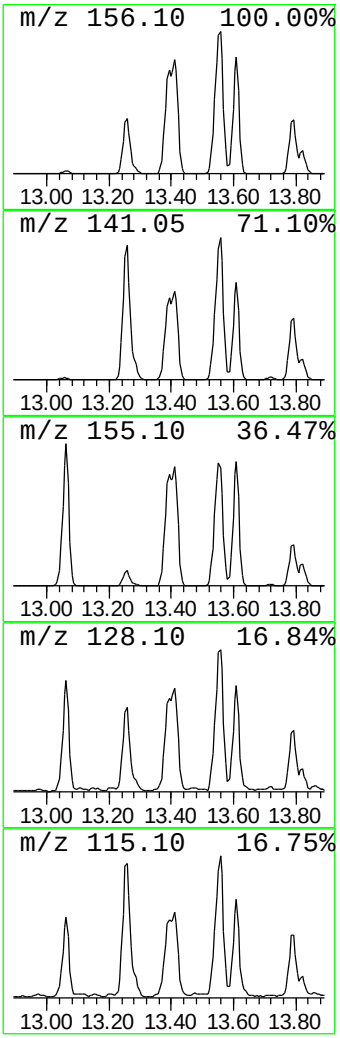
****

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	5.74 ng/ul	7402720	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

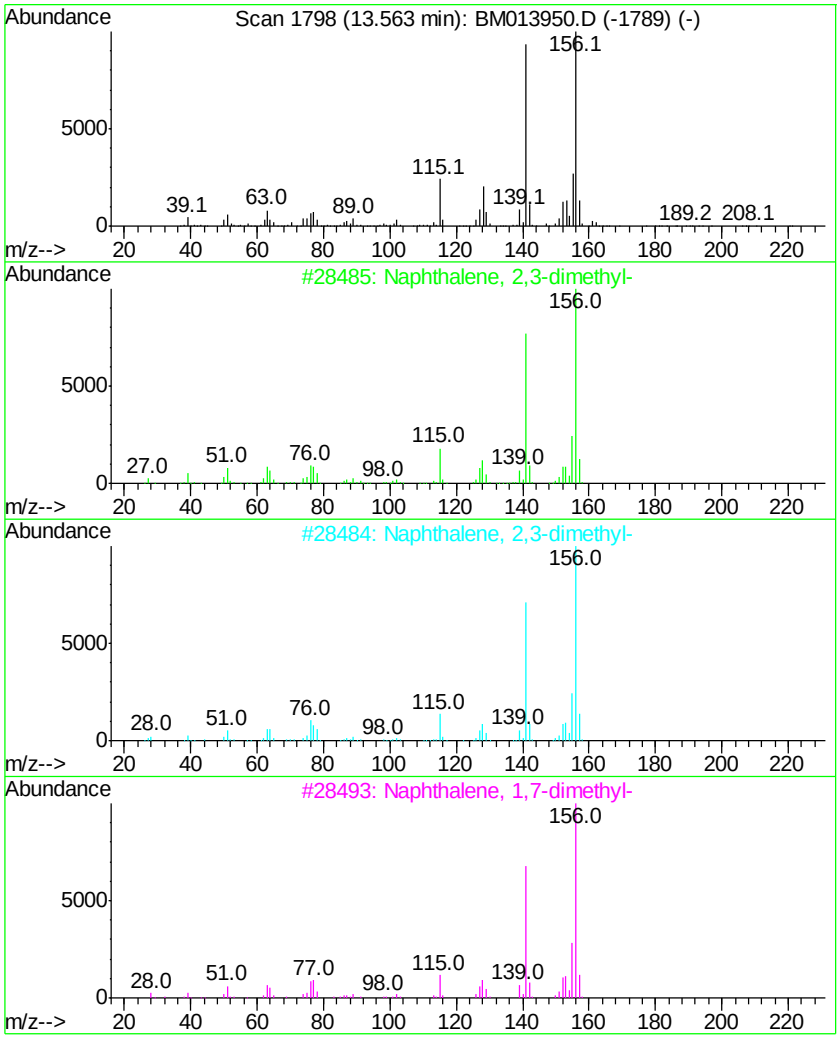
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

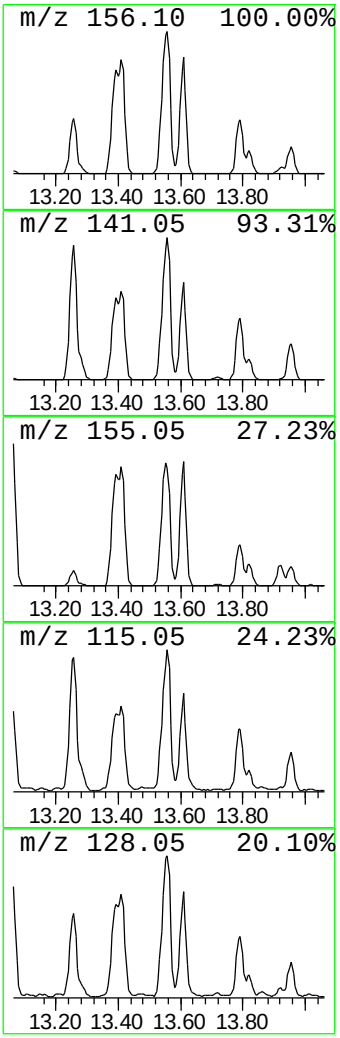
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	10.79 ng/ul	13901000	Acenaphthene-d10	14.23

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





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

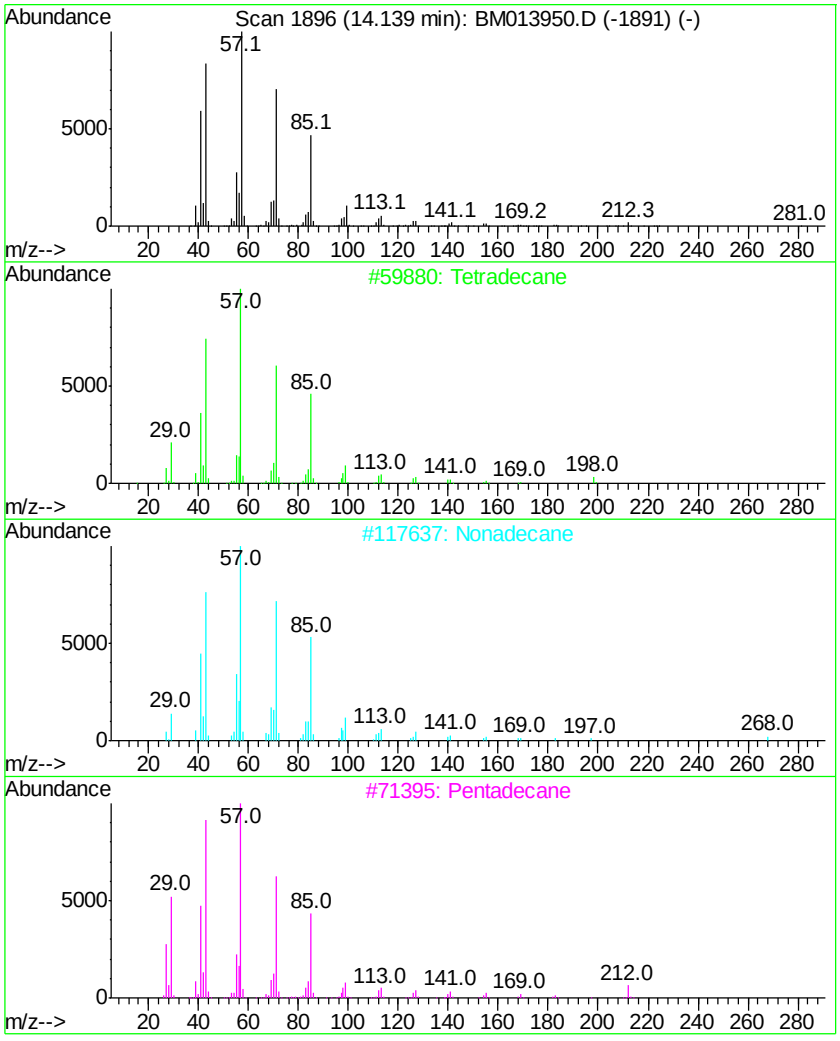
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

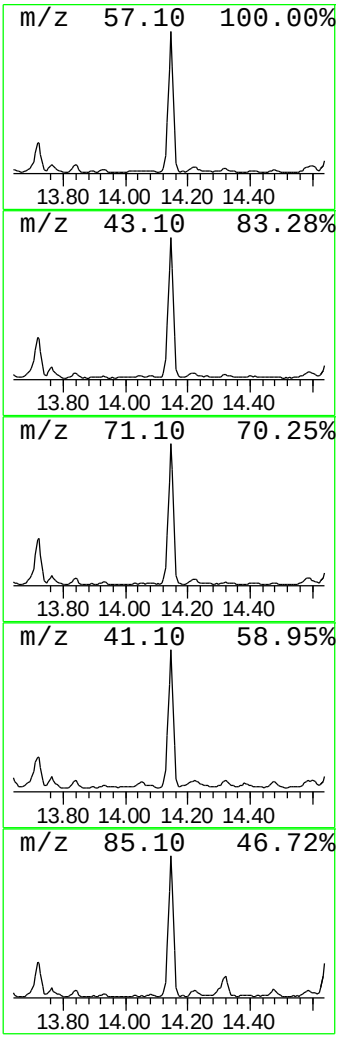
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	6.21 ng/ul	7996770	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	9-methylheptadecane	254	C18H38	026741-18-4	86





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

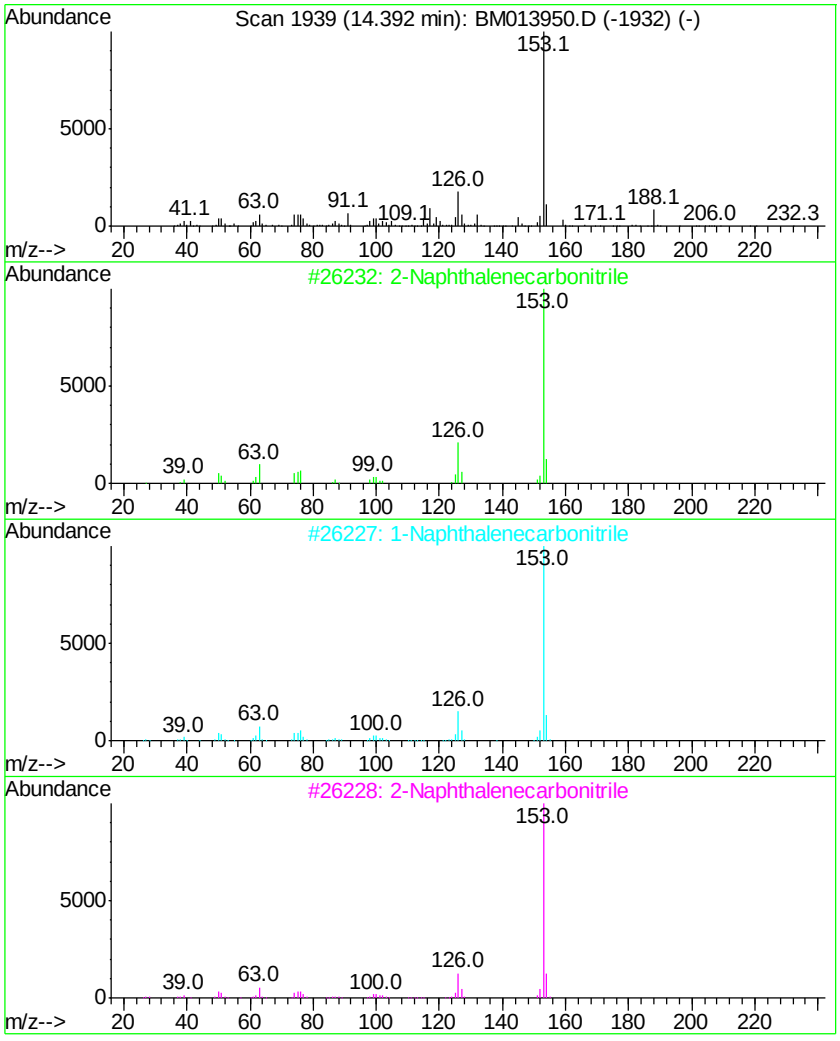
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

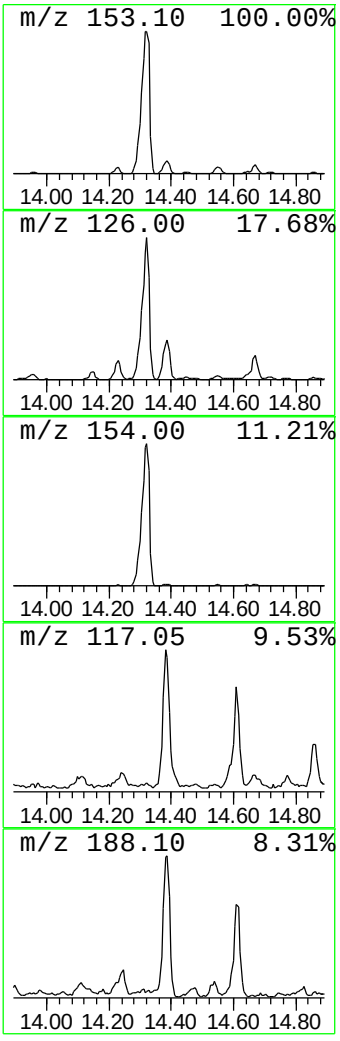
****

Peak Number 11 2-Naphthalenecarbonitrile Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.85 ng/ul	3671340	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	93
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	89
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	76
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	64





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

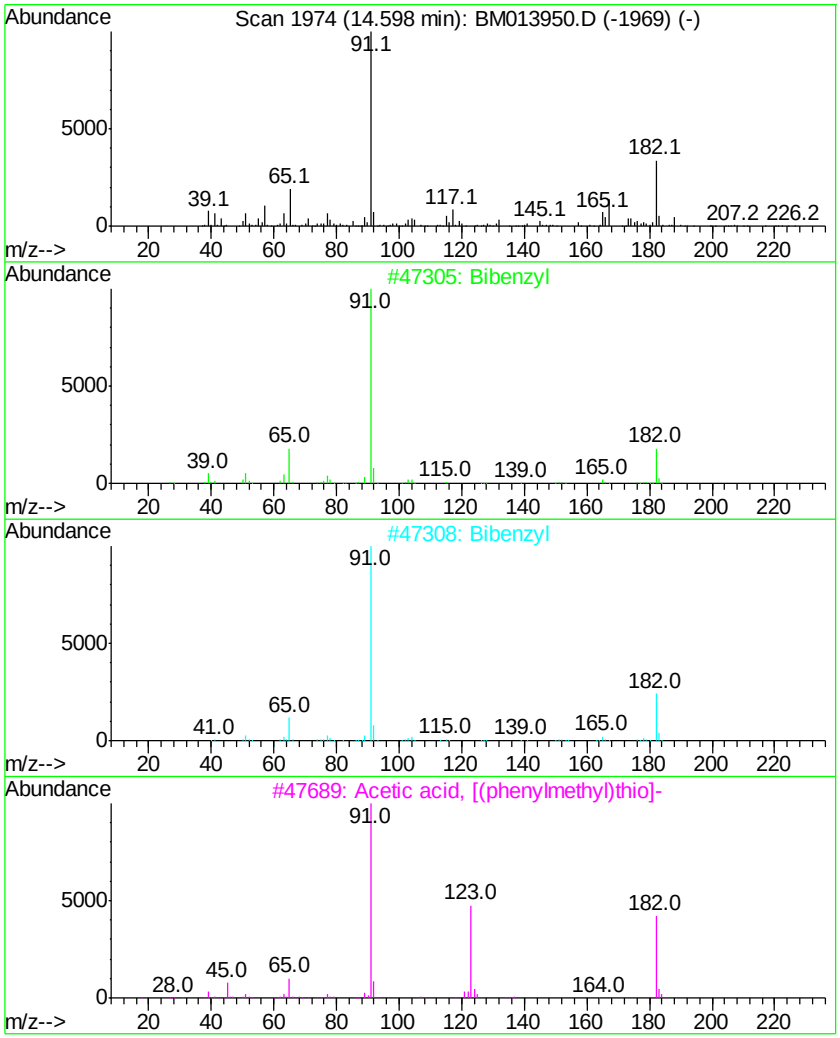
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

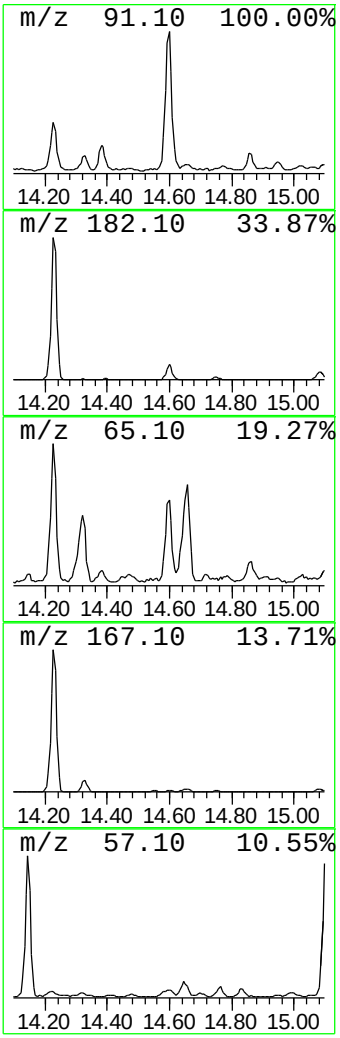
****

Peak Number 12 Bibenzyl Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.15 ng/ul	2770410	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bibenzyl	182	C14H14	000103-29-7	64
2	Bibenzyl	182	C14H14	000103-29-7	52
3	Acetic acid, [(phenylmethyl)thiol-	182	C9H10O2S	000103-46-8	50
4	Bibenzyl	182	C14H14	000103-29-7	50
5	Ethene-1,1-dicarbonitrile, 2-ben...	183	C11H9N3	014918-98-0	38





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

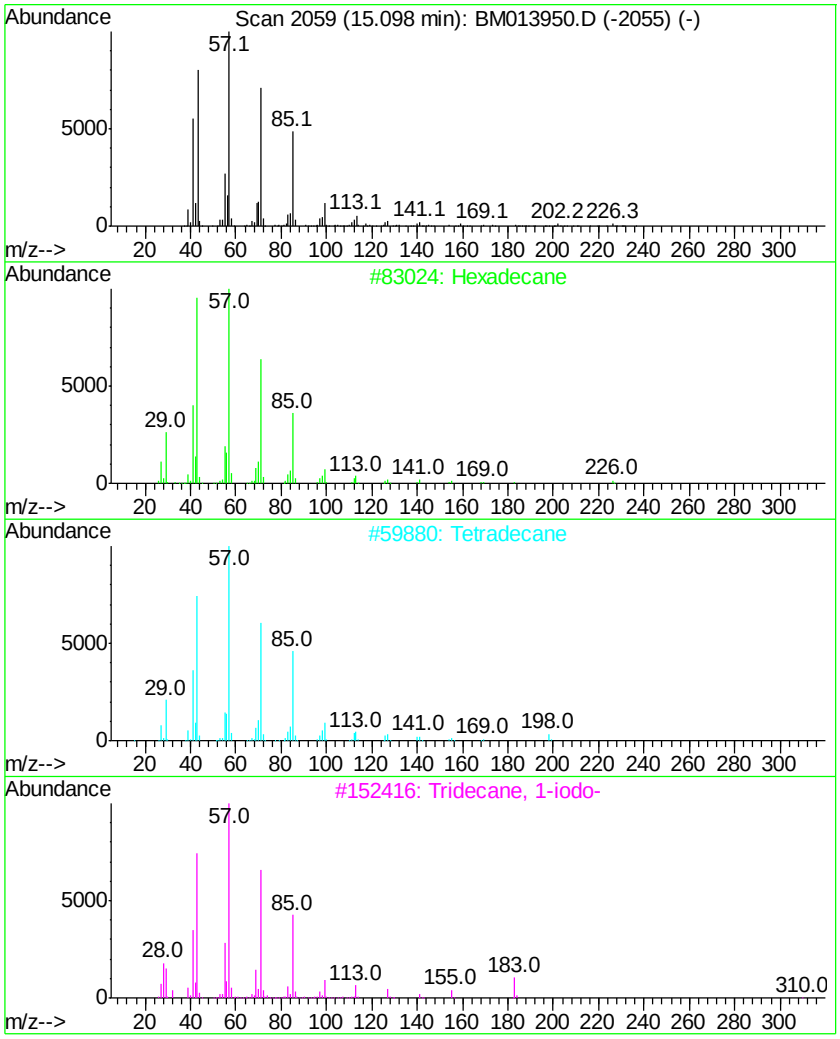
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

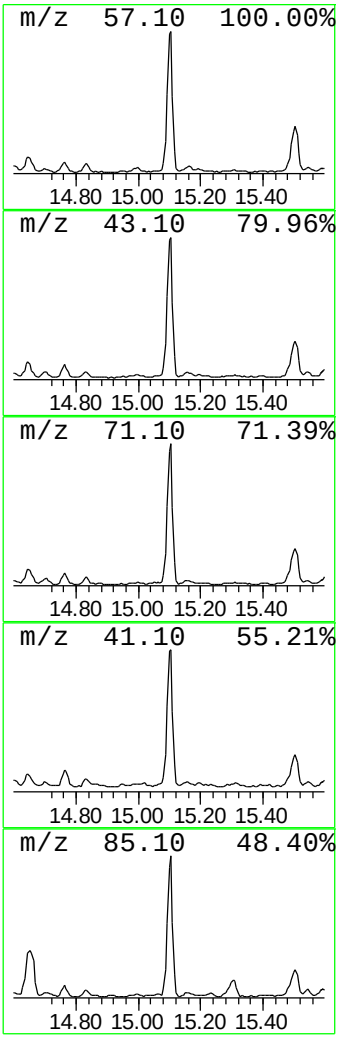
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	6.90 ng/ul	8896040	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

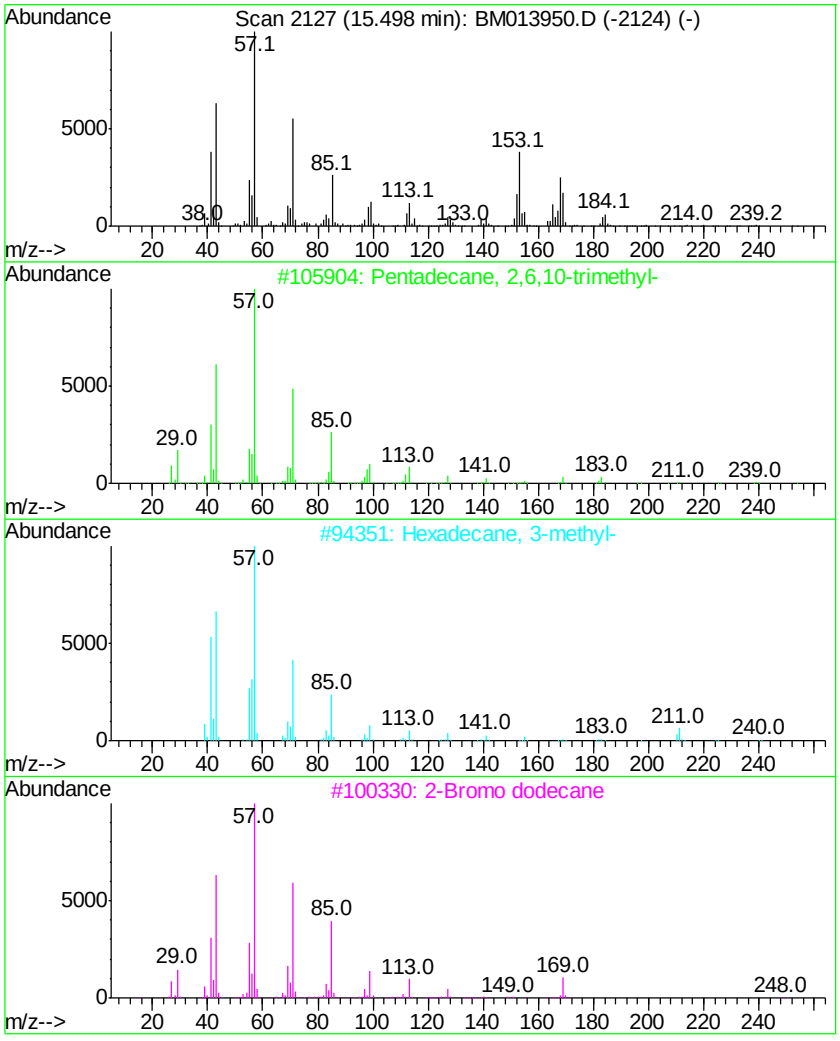
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

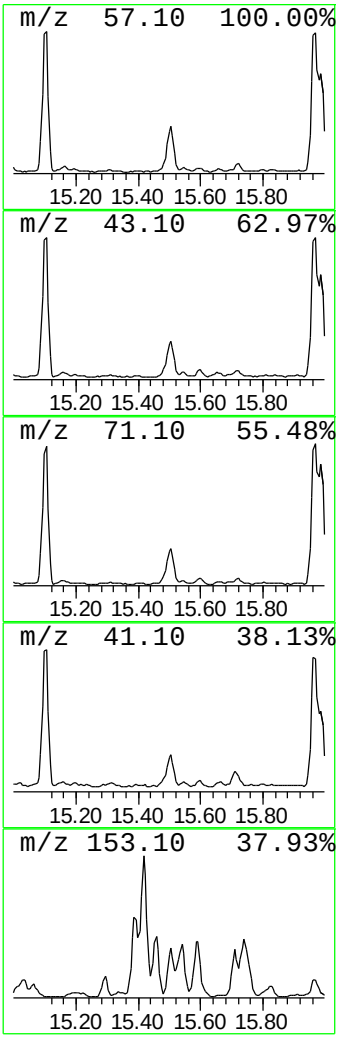
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.06 ng/ul	3940290	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	62
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	42
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	41
4	Decane, 2-methyl-	156	C11H24	006975-98-0	38
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

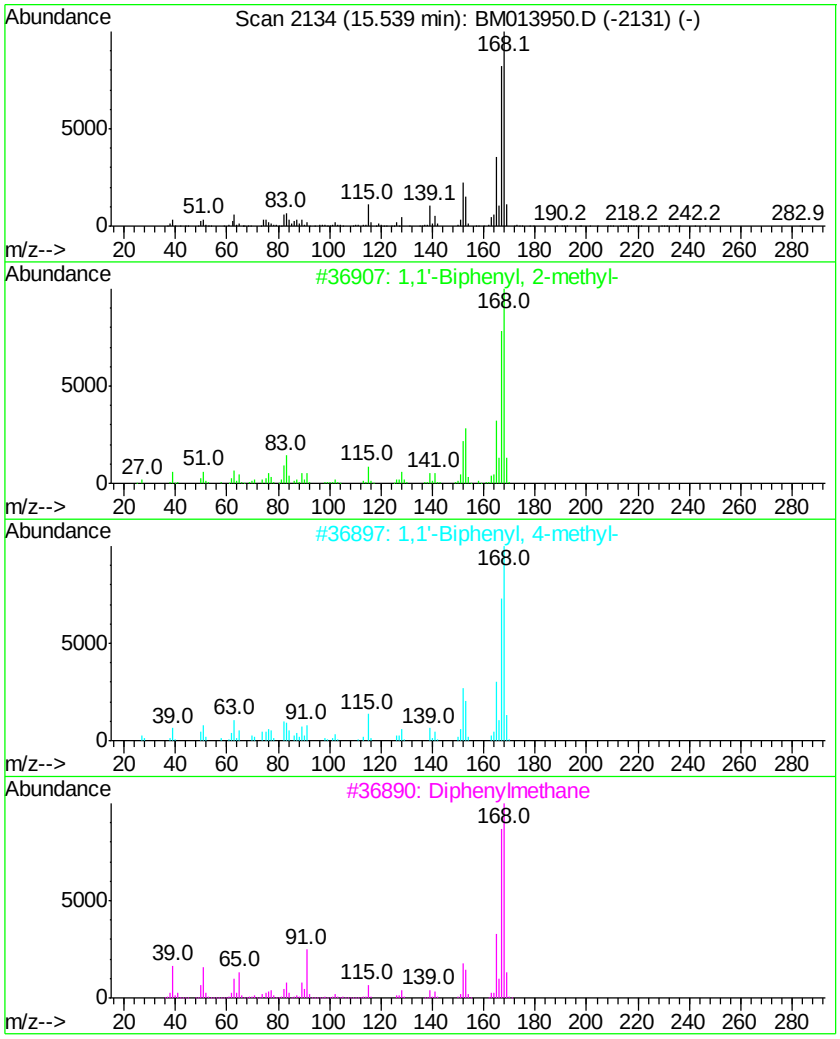
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

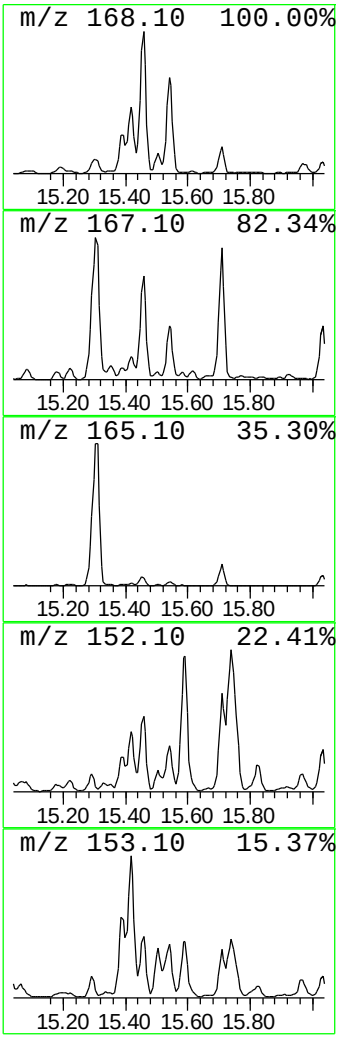
****

Peak Number 15 1,1'-Biphenyl, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.74 ng/ul	3527040	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	86
3	Diphenylmethane	168	C13H12	000101-81-5	83
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	80





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

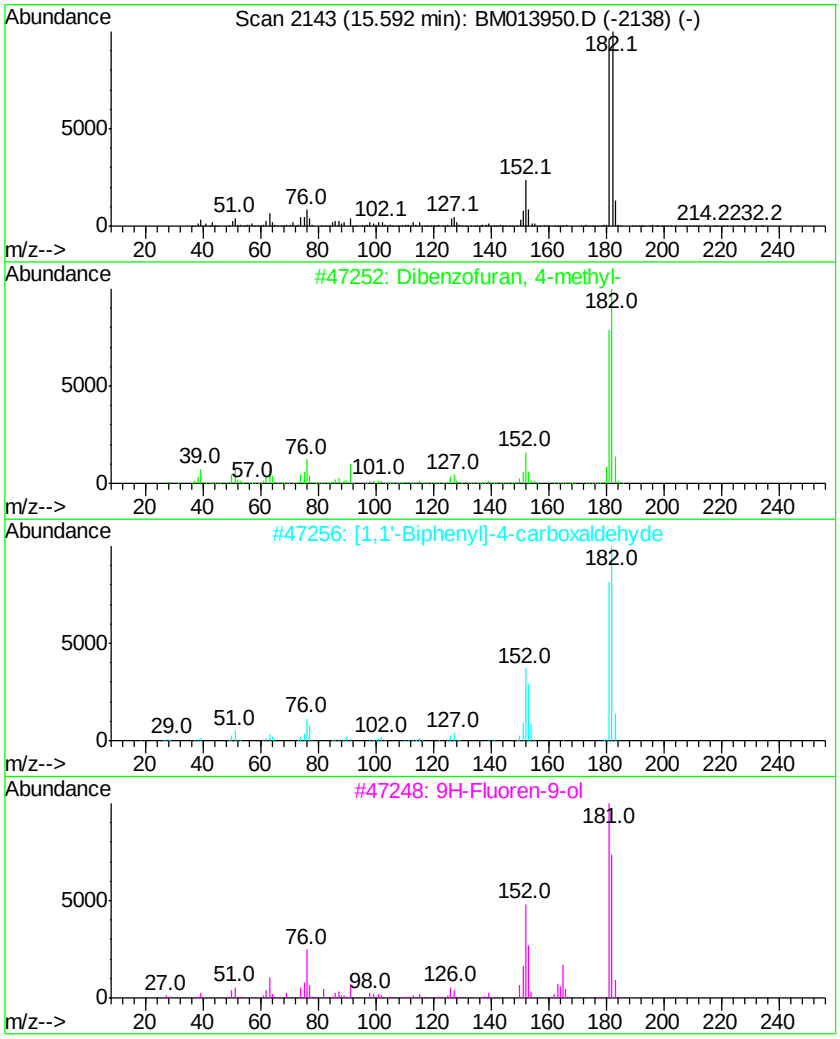
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

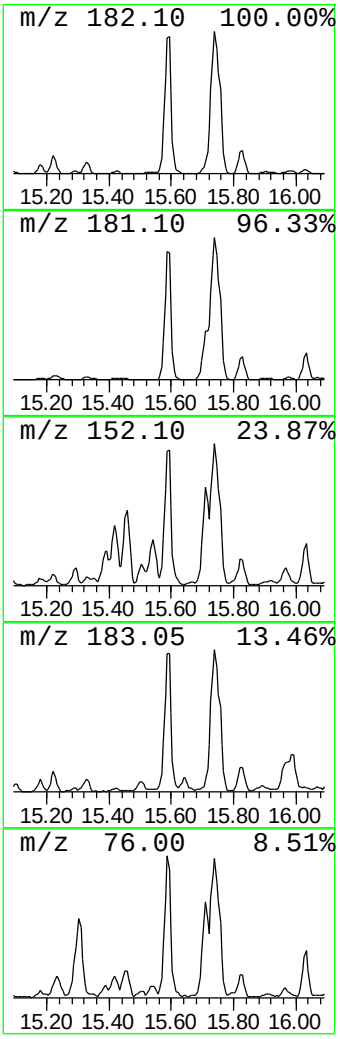
****

Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	7.88 ng/ul	10154800	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

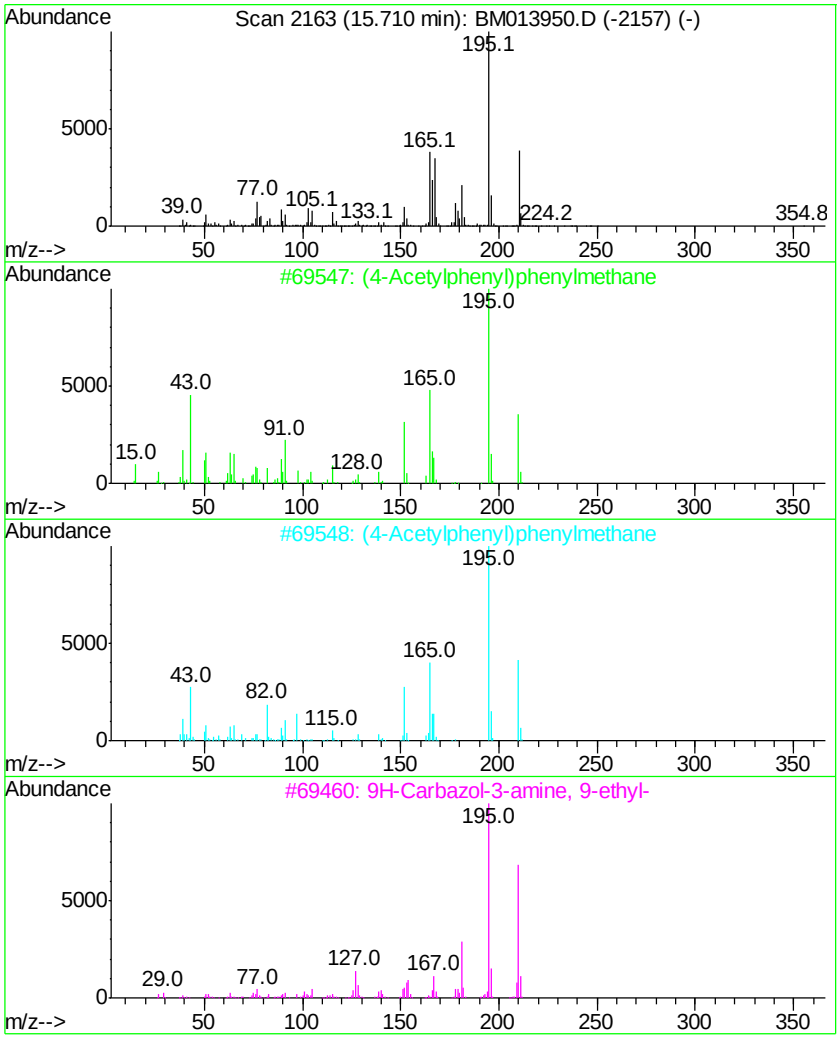
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

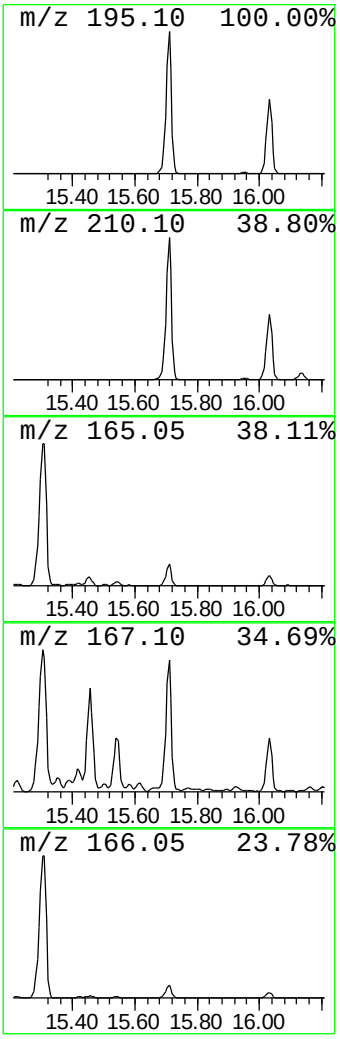
****

Peak Number 17 (4-Acetylphenyl)phenylmethane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	2.03 ng/ul	19987900	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	76
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	64
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
4	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	47
5	Ethanone, 1-(3,4,5-trimethoxyphe...	210	C11H14O4	001136-86-3	47





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

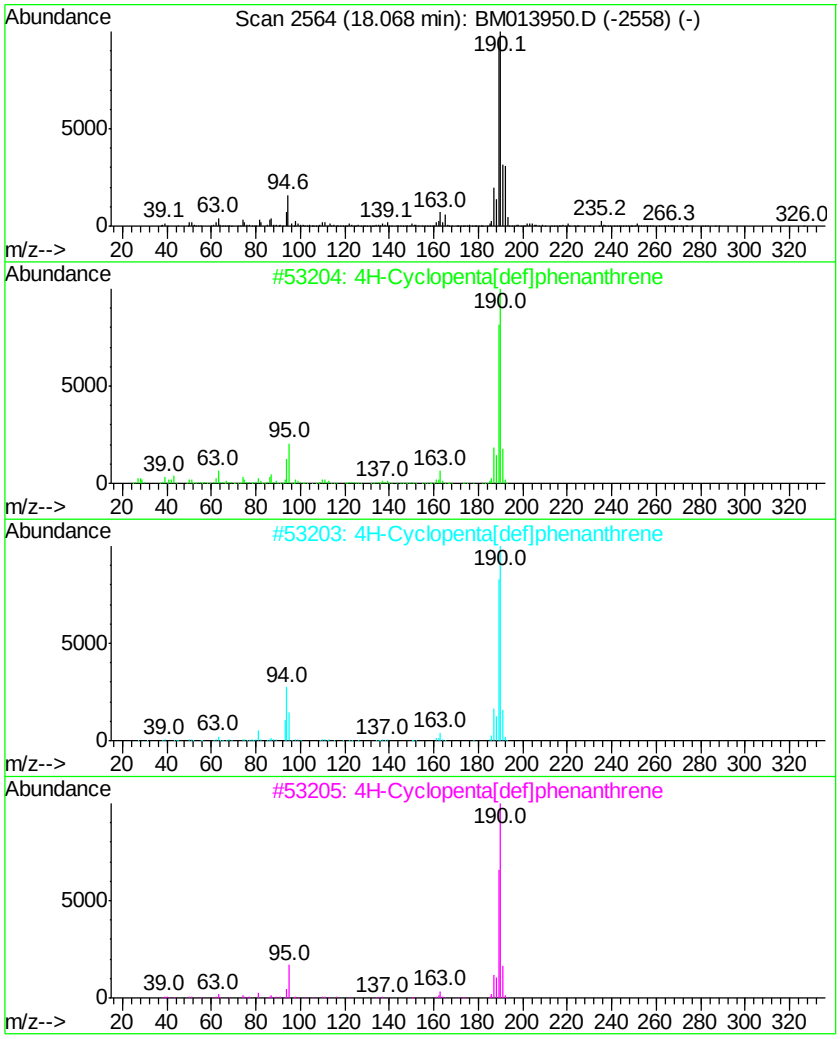
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

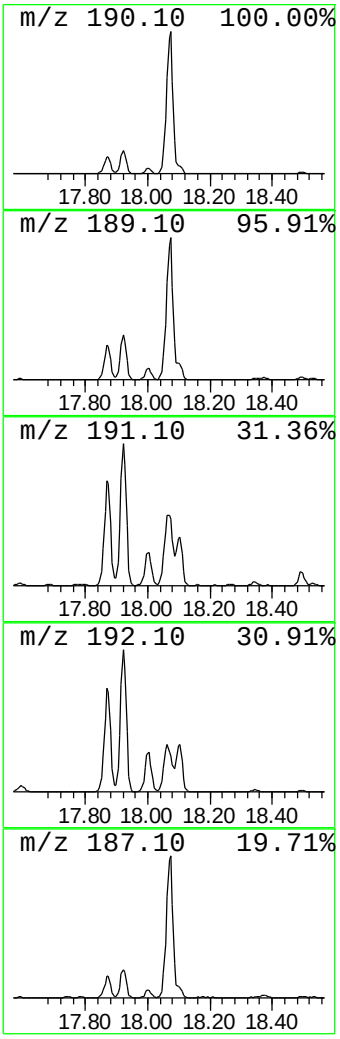
****

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.06 ng/ul	20262200	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

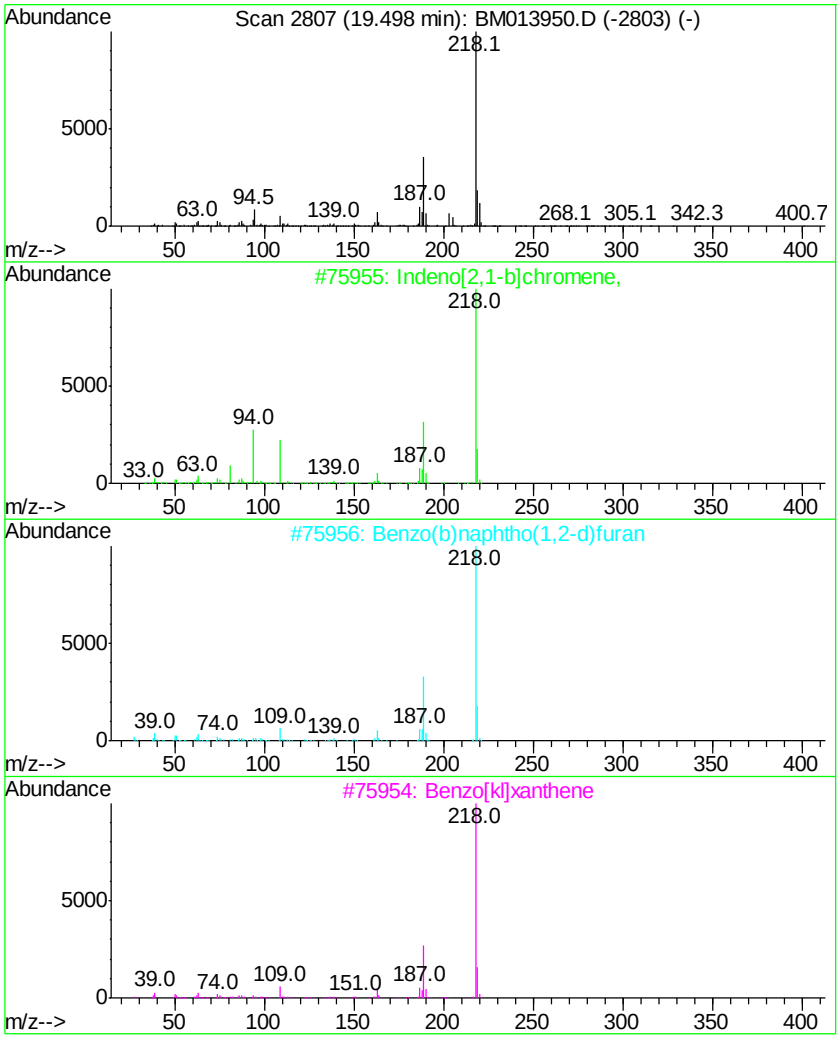
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

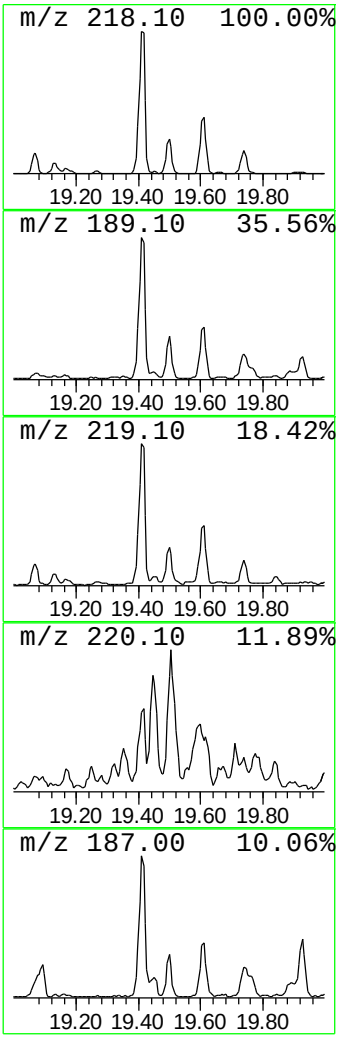
****

Peak Number 19 Indeno[2,1-b]chromene, Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	3.56 ng/ul	2908260	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	95
2	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	95
3	Benzo[kl]xanthene	218	C16H10O	000200-23-7	95
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

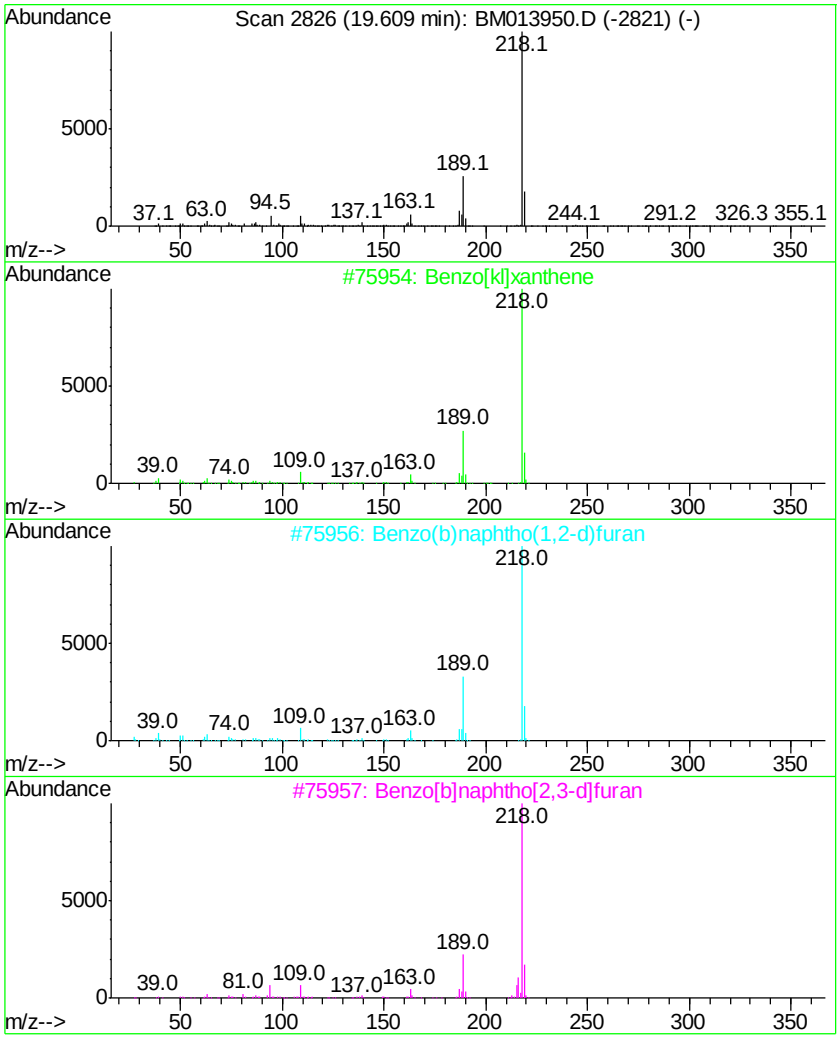
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

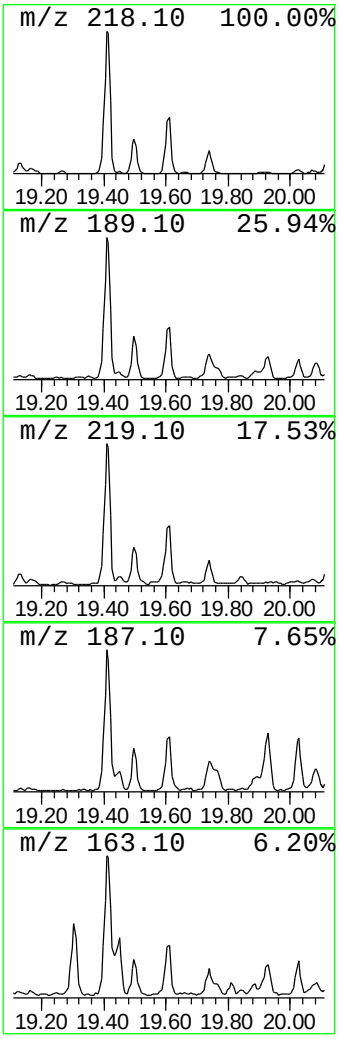
****

Peak Number 20 Benzo[kl]xanthene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	4.17 ng/ul	3407560	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[kl]xanthene	218	C16H10O	000200-23-7	97
2	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	96
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

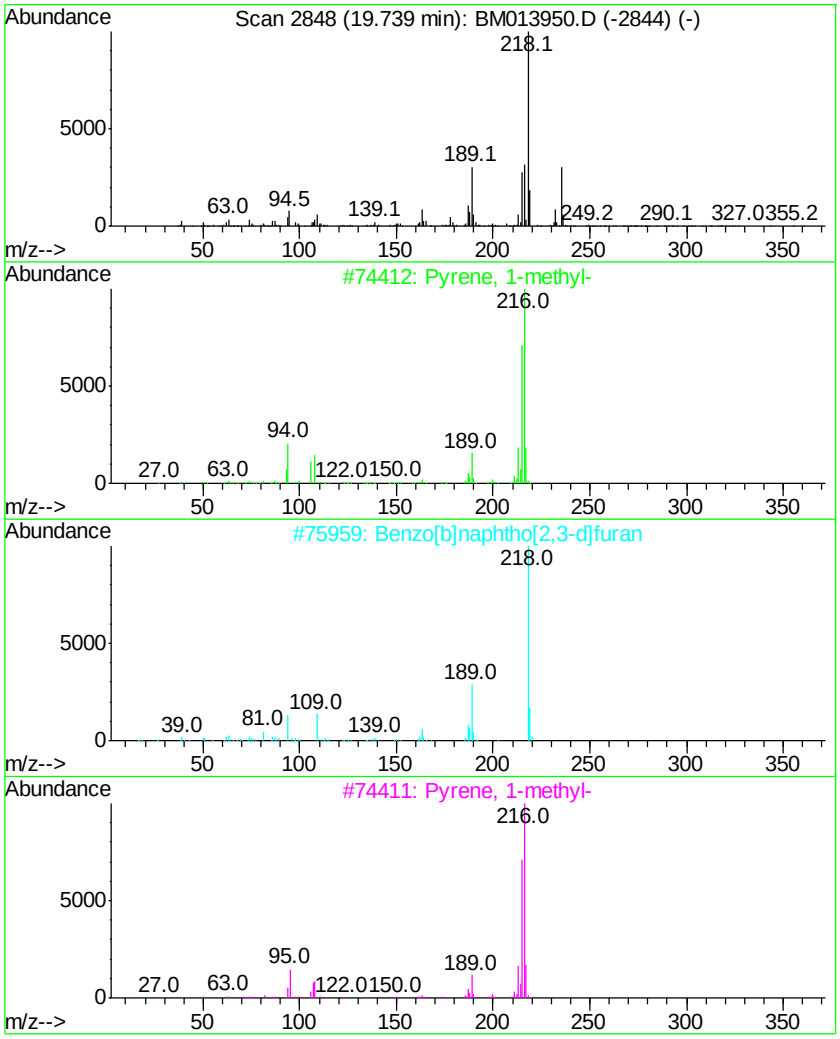
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

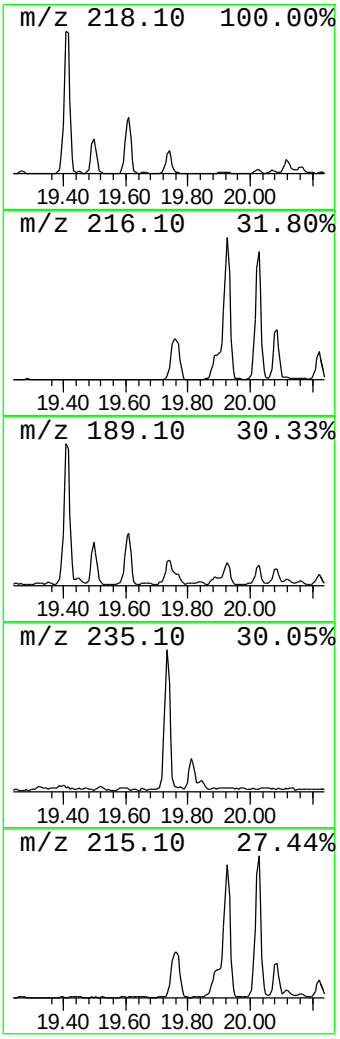
****

Peak Number 21 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	6.39 ng/ul	5221670	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

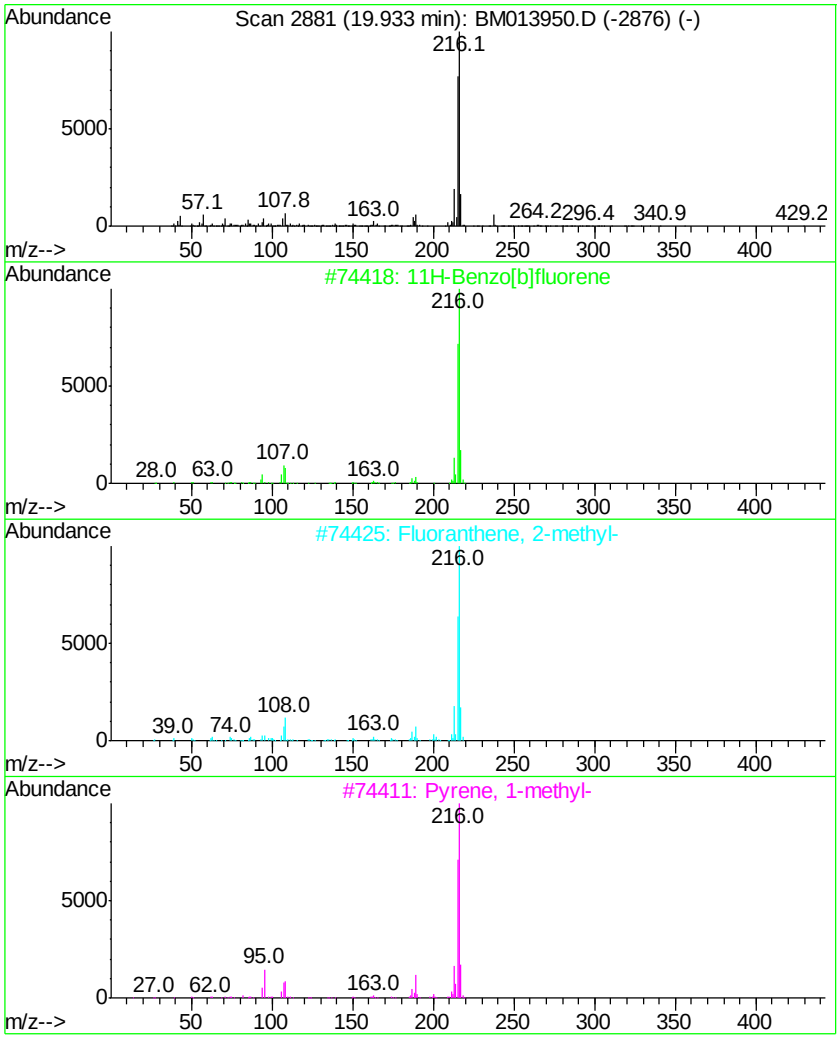
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

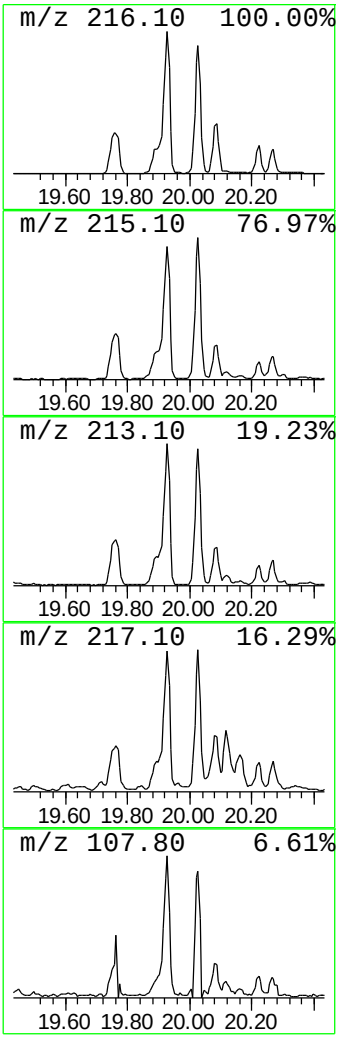
****

Peak Number 23 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	10.93 ng/ul	8929780	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

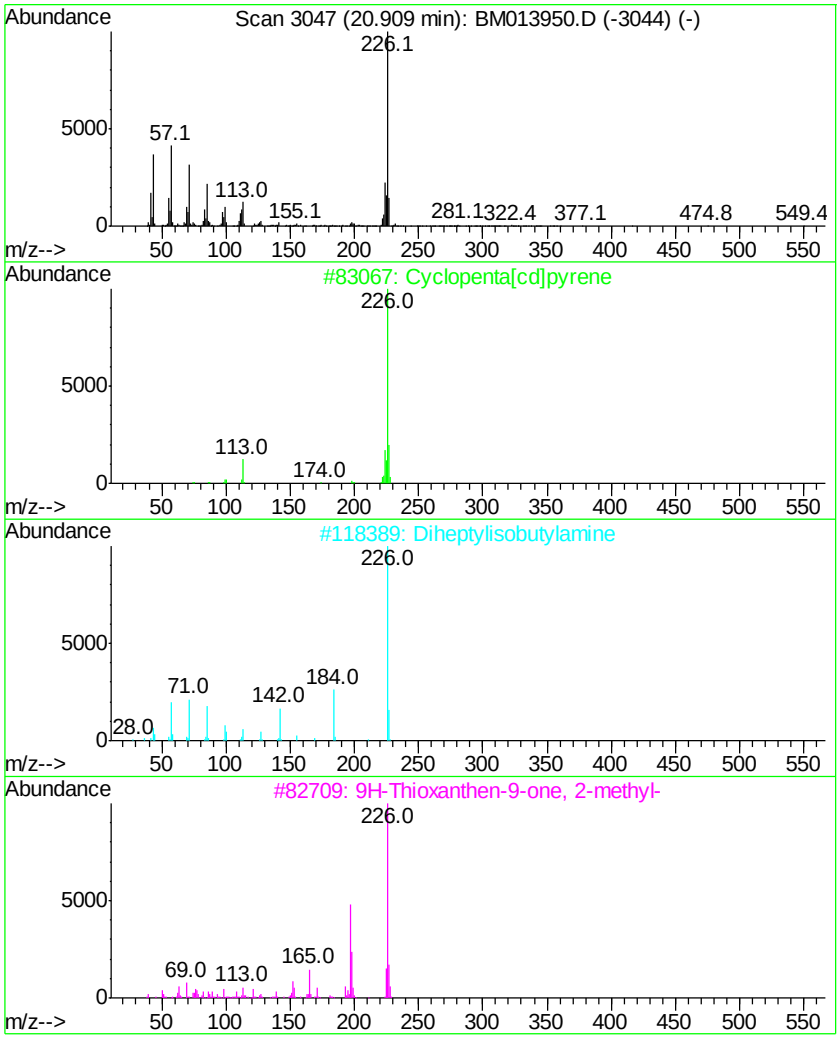
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

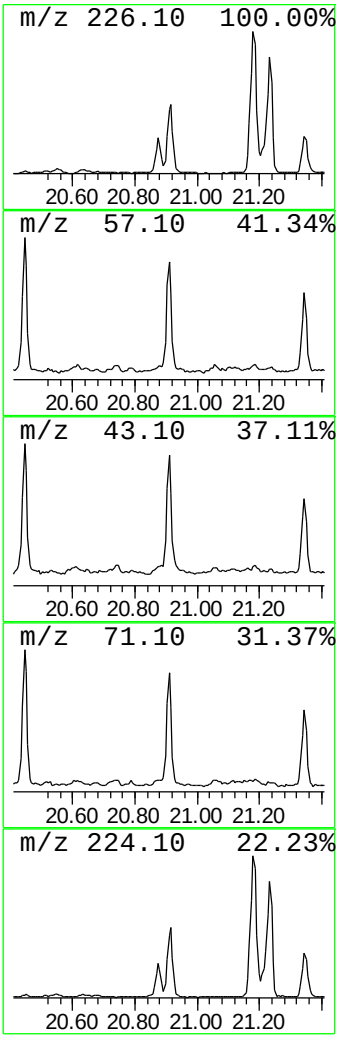
****

Peak Number 27 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	3.55 ng/ul	2903040	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	Diheptylisobutylamine	269	C18H39N	1000310-32-0	45
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	43
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	38





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

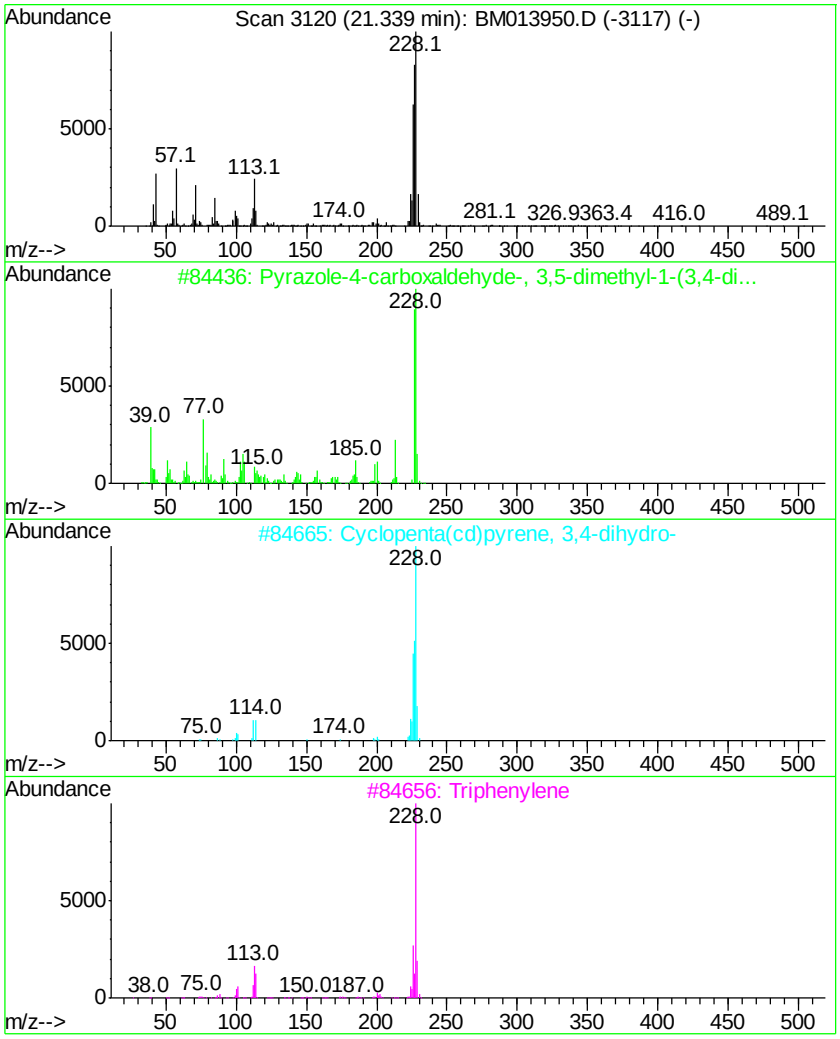
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

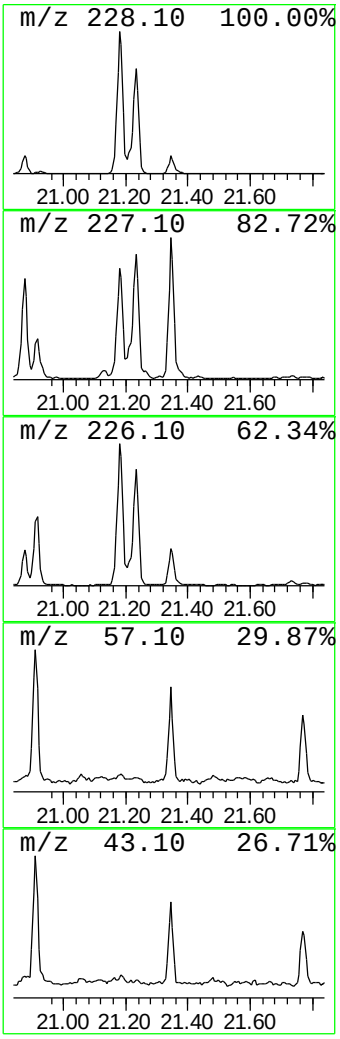
****

Peak Number 28 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	3.98 ng/ul	3248280	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
3	Triphenylene	228	C18H12	000217-59-4	41
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	38





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_M\DATA\BM012818\
Data File : BM013950.D
Acq On : 29 Jan 2018 07:47
Operator : SJ/JU
Sample : J1243-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-etheny...	9.75	16.4	ng/ul	2503840	2	10.36	3054990	20.0
(DEL) Alkane: Str...	11.79	26.3	ng/ul	4011940	2	10.36	3054990	20.0
Naphthalene, 1-me...	12.27	273.0	ng/ul	41703000	2	10.36	3054990	20.0
Naphthalene, 1-et...	13.26	6.3	ng/ul	8049860	3	14.23	25771300	20.0
Naphthalene, 2,7-...	13.39	5.7	ng/ul	7402720	3	14.23	25771300	20.0
Naphthalene, 2,3-...	13.56	10.8	ng/ul	13901000	3	14.23	25771300	20.0
(DEL) Alkane: Str...	14.14	6.2	ng/ul	7996770	3	14.23	25771300	20.0
2-Naphthalenecarb...	14.39	2.9	ng/ul	3671340	3	14.23	25771300	20.0
Bibenzyl	14.60	2.1	ng/ul	2770410	3	14.23	25771300	20.0
(DEL) Alkane: Str...	15.10	6.9	ng/ul	8896040	3	14.23	25771300	20.0
(DEL) Alkane: Str...	15.50	3.1	ng/ul	3940290	3	14.23	25771300	20.0
1,1'-Biphenyl, 2-...	15.54	2.7	ng/ul	3527040	3	14.23	25771300	20.0
Dibenzofuran, 4-m...	15.59	7.9	ng/ul	10154800	3	14.23	25771300	20.0
(4-Acetylphenyl)p...	15.71	2.0	ng/ul	19987900	4	17.00	196864000	20.0
4H-Cyclopenta[def...	18.07	2.1	ng/ul	20262200	4	17.00	196864000	20.0
Indeno[2,1-b]chro...	19.50	3.6	ng/ul	2908260	5	21.20	16333500	20.0
Benzo[kl]xanthene	19.61	4.2	ng/ul	3407560	5	21.20	16333500	20.0
Pyrene, 1-methyl-	19.74	6.4	ng/ul	5221670	5	21.20	16333500	20.0
11H-Benzo[b]fluorene	19.93	10.9	ng/ul	8929780	5	21.20	16333500	20.0
Cyclopenta[cd]pyrene	20.91	3.5	ng/ul	2903040	5	21.20	16333500	20.0
unknown-01	21.34	4.0	ng/ul	3248280	5	21.20	16333500	20.0