LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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	3.016	3	5	21	rVB	4219215	4498226	45.88%	3.468%
2	3.981	163	169	178	rVB	1856602	2486179	25.36%	1.917%
3	6.893	657	664	676	rVB	719987	1152066	11.75%	0.888%
4	7.057	686	692	699	rBV	587697	881758	8.99%	0.680%
5	7.251	718	725	733	rBV	747726	1181309	12.05%	0.911%
6	7.322	733	737	744	rBV	142965	235756	2.40%	0.182%
7	7.716	794	804	811	rBV	1083052	1707611	17.42%	1.317%
8	8.251	891	895	901	rBV4	14747	29795	0.30%	0.023%
9	8.422	916	924	932	rBV	853479	1368883	13.96%	1.055%
10	8.869	993	1000	1008	rBV	670770	1091158	11.13%	0.841%
11	9.586	1114	1122	1129	rBV	508095	849162	8.66%	0.655%
12	10.116	1200	1212	1222	rBV	834416	1468291	14.98%	1.132%
13	10.498	1267	1277	1282	rBV	1457392	2456297	25.05%	1.894%
14	10.545	1282	1285	1291	rVB	120993	191148	1.95%	0.147%
15	10.633	1293	1300	1315	rBV	696596	1238940	12.64%	0.955%
16	11.151	1383	1388	1399	rVB8	10983	32054	0.33%	0.025%
17	12.080	1540	1546	1552	rVV4	16122	35465	0.36%	0.027%
18	12.163	1555	1560	1565	rVB	64316	97346	0.99%	0.075%
19	12.380	1591	1597	1606	rVB	51643	93932	0.96%	0.072%
20	13.180	1726	1733	1740	rVB3	29376	58789	0.60%	0.045%
21	13.263	1742	1747	1754	rVB8	13551	33521	0.34%	0.026%
22	13.516	1781	1790	1791	rBV4	25931	40781	0.42%	0.031%
23	13.674	1811	1817	1822	rBV	43463	75985	0.77%	0.059%
24	13.769	1827	1833	1837	rVV	1422502	1954550	19.93%	1.507%
25	13.816	1837	1841	1849	rVB	678602	933252	9.52%	0.720%
26	13.910	1849	1857	1861	rBV2	28367	48369	0.49%	0.037%
27	14.045	1869	1880	1891	rBV	1685221	2775665	28.31%	2.140%
28	14.186	1899	1904	1912	rVB	14102	28531	0.29%	0.022%
29	14.357	1925	1933	1939	rVV2	1988186	3096015	31.58%	2.387%
30	14.421	1939	1944	1952	rVV	402184	616150	6.28%	0.475%
31	14.486	1952	1955	1961	rVV4	22438	28115	0.29%	0.022%
32	14.557	1962	1967	1979	rVV	444431	716678	7.31%	0.553%
33	14.668	1982	1986	1990	rVV4	21894	41125	0.42%	0.032%
34	14.716	1991	1994	1996	rVV3	21118	26915	0.27%	0.021%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	14.757	1996	2001	2010	rVV	162322	320918	3.27%	0.247%
36	14.833	2010	2014	2019	rVB3	21385	32357	0.33%	0.025%
37	14.974	2032	2038	2043	rBV4	29726	75060	0.77%	0.058%
38	15.151	2061	2068	2070	rBV7	33641	63759	0.65%	0.049%
39	15.227	2077	2081	2089	rVB2	36585	57362	0.59%	0.044%
40	15.351	2089	2102	2107	rBV	2234825	3290777	33.56%	2.537%
41	15.410	2107	2112	2119	rVB	361350	531268	5.42%	0.410%
42	15.474	2119	2123	2130	rBV2	226388	344133	3.51%	0.265%
43	15.533	2130	2133	2136	rVB2	34435	41527	0.42%	0.032%
44	15.574	2136	2140	2145	rBV3	49478	98525	1.00%	0.076%
45	15.657	2152	2154	2158	rVB2	30909	33066	0.34%	0.025%
46	15.704	2158	2162	2169	rVB	77435	111690	1.14%	0.086%
47	15.851	2179	2187	2195	rBV3	88706	220577	2.25%	0.170%
48	15.921	2195	2199	2200	rBV4	24092	29573	0.30%	0.023%
49	16.086	2222	2227	2240	rVB6	78425	184960	1.89%	0.143%
50	16.415	2276	2283	2287	rBV2	70511	137882	1.41%	0.106%
51	16.462	2287	2291	2296	rVB3	48110	68568	0.70%	0.053%
52	16.562	2305	2308	2313	rVB3	41017	63742	0.65%	0.049%
53	16.645	2315	2322	2325	rBV4	45545	102667	1.05%	0.079%
54	16.680	2325	2328	2332	rVB2	54481	74958	0.76%	0.058%
55	16.762	2338	2342	2348	rVB	107854	159070	1.62%	0.123%
56	16.833	2350	2354	2358	rBV2	67961	123882	1.26%	0.096%
57	16.921	2365	2369	2379	rVB	234551	378692	3.86%	0.292%
58	17.110	2395	2401	2404	rBV	2405164	3626953	36.99%	2.797%
59	17.151	2404	2408	2412	rVV	3656785	5058438	51.59%	3.900%
60	17.204	2412	2417	2421	rVV2	2495656	3755315	38.30%	2.896%
61	17.239	2421	2423	2428	rVV	809116	908947	9.27%	0.701%
62	17.298	2428	2433	2438	rVV4	110963	193706	1.98%	0.149%
63	17.509	2461	2469	2478	rBV	369583	636594	6.49%	0.491%
64	17.686	2495	2499	2504	rBV2	108779	155455	1.59%	0.120%
65	17.827	2520	2523	2528	rVB	62610	93015	0.95%	0.072%
66	17.980	2545	2549	2552	rBV	307749	454753	4.64%	0.351%
67	18.027	2552	2557	2564	rVV2	452494	861785	8.79%	0.664%
68	18.109	2567	2571	2576	rVV2	190738	303981	3.10%	0.234%
69	18.174	2577	2582	2586	rVV3	788262	1352183	13.79%	1.043%
70	18.215	2586	2589	2594	rVB	233396	328504	3.35%	0.253%
71	18.380	2614	2617	2622	rVB3	82767	102215	1.04%	0.079%

LSC Area Percent Report

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Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

72	18.486	2631	2635	2638	rBV	314253	432268	4.41%	0.333%
73	18.527	2638	2642	2648	rVB2	325109	481945	4.92%	0.372%
74	18.733	2674	2677	2680	rVB	109902	115577	1.18%	0.089%
75	18.904	2702	2706	2710	rBV	293417	460517	4.70%	0.355%
76	19.045	2726	2730	2737	rBV2	188129	382556	3.90%	0.295%
77	19.168	2745	2751	2757	rBV	7124280	9518148	97.08%	7.339%
78	19.409	2790	2792	2795	rVB	147713	142051	1.45%	0.110%
79	19.503	2803	2808	2810	rBV3	4186707	5949288	60.68%	4.587%
80	19.533	2810	2813	2821	rVV	6129586	8145515	83.08%	6.281%
81	19.603	2822	2825	2831	rVB2	241048	403672	4.12%	0.311%
82	19.709	2841	2843	2848	rVB	250107	276773	2.82%	0.213%
83	20.027	2894	2897	2901	rVB	909472	1185903	12.10%	0.914%
84	20.127	2911	2914	2918	rBV	718053	839382	8.56%	0.647%
85	20.186	2921	2924	2928	rVB2	474619	602991	6.15%	0.465%
86	20.327	2945	2948	2951	rBV2	289580	347922	3.55%	0.268%
87	20.945	3050	3053	3056	rVB	536014	601595	6.14%	0.464%
88	20.980	3056	3059	3062	rVB	460158	471001	4.80%	0.363%
89	21.021	3062	3066	3071	rBV2	733403	1128968	11.51%	0.870%
90	21.286	3106	3111	3116	rBV2	5003743	9804830	100.00%	7.560%
91	21.333	3116	3119	3129	rVB	3328659	4433858	45.22%	3.419%
92	21.450	3136	3139	3144	rBV2	781291	1001694	10.22%	0.772%
93	21.892	3212	3214	3219	rVB	728537	907196	9.25%	0.699%
94	22.356	3290	3293	3302	rVB	834221	1273060	12.98%	0.982%
95	22.868	3374	3380	3385	rBV2	3462968	7202105	73.45%	5.553%
96	23.344	3457	3461	3465	rBV	1282811	2106742	21.49%	1.624%
97	23.397	3465	3470	3473	rVV	2046504	3770461	38.46%	2.907%
98	23.439	3473	3477	3485	rVB2	3307786	5990493	61.10%	4.619%
99	23.533	3488	3493	3499	rBV	2121948	3943292	40.22%	3.040%
100	24.080	3582	3586	3595	rVB	1010081	1827259	18.64%	1.409%

Sum of corrected areas: 129693736

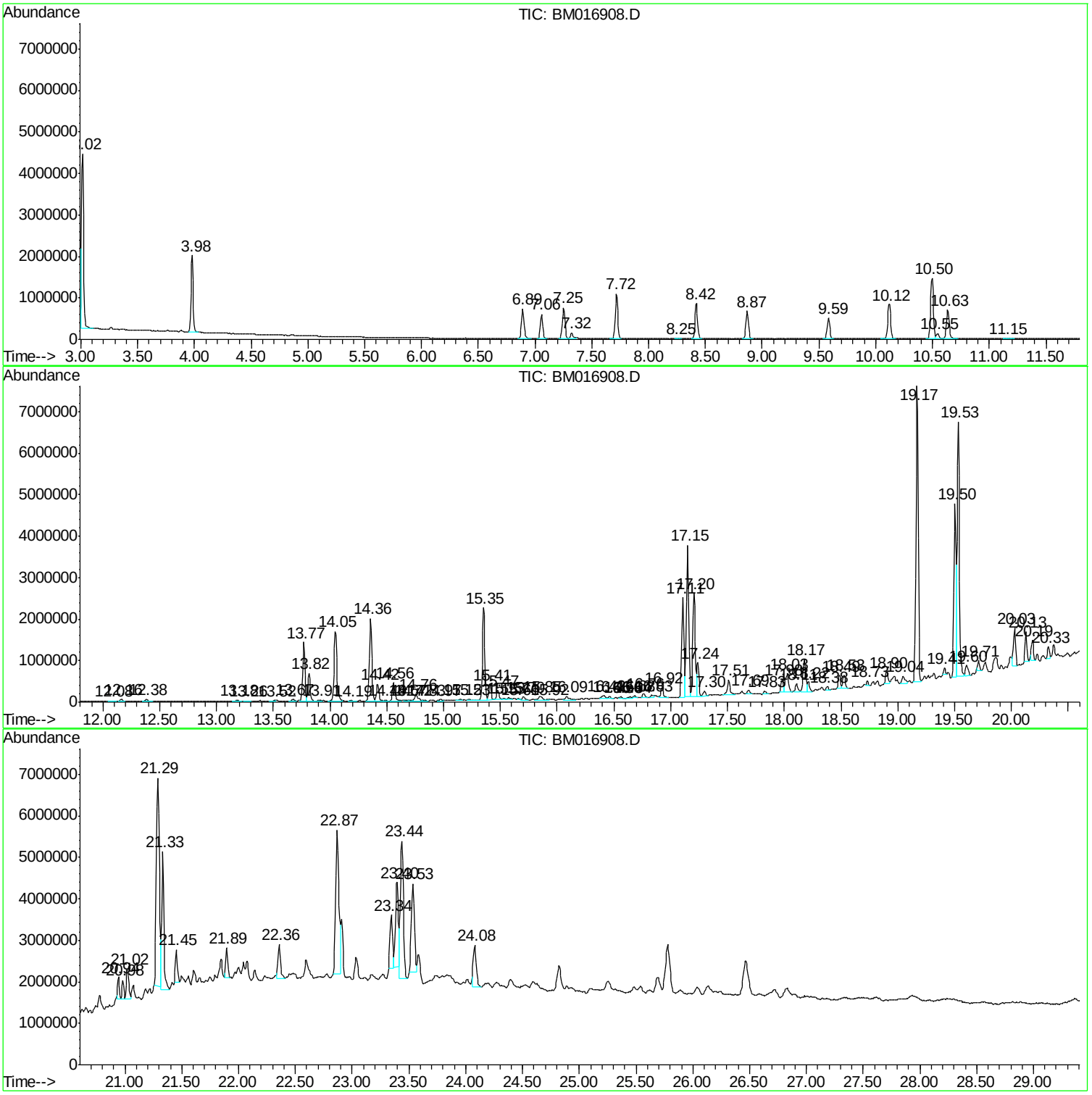
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

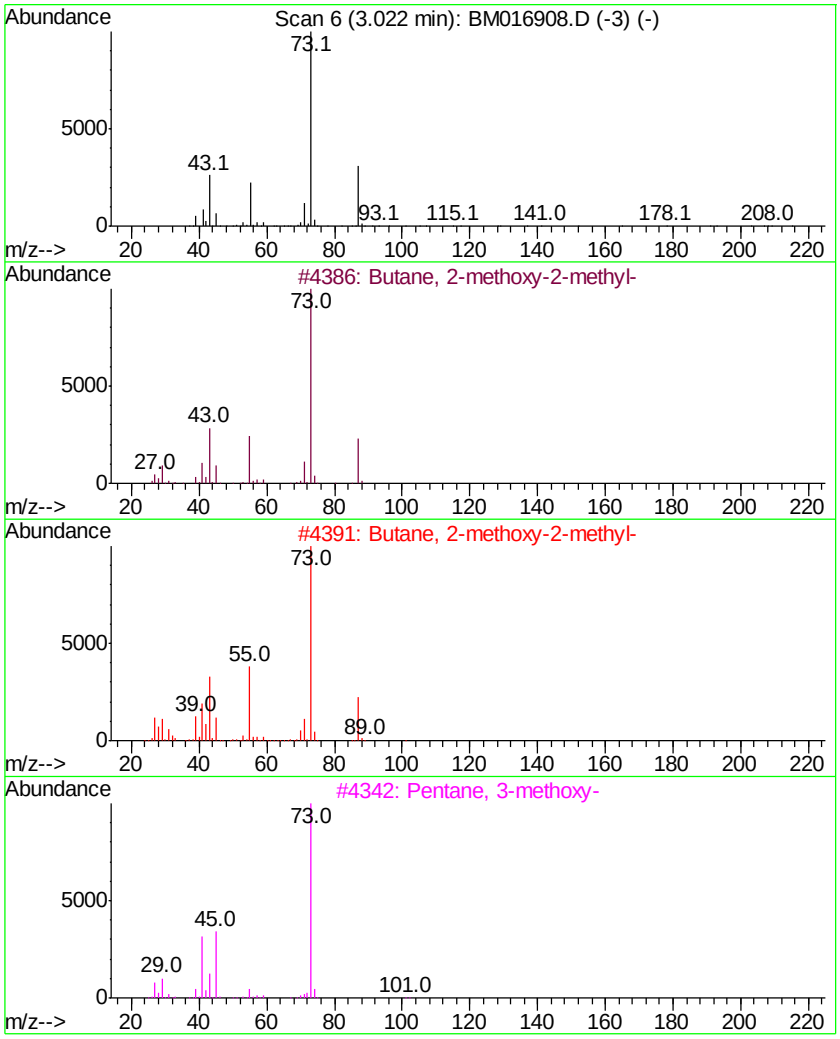
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

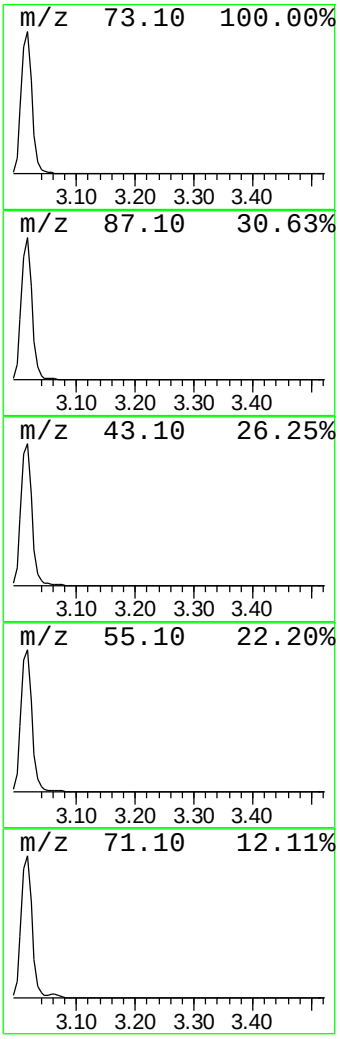
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	52.68 ng/ul	4498230	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

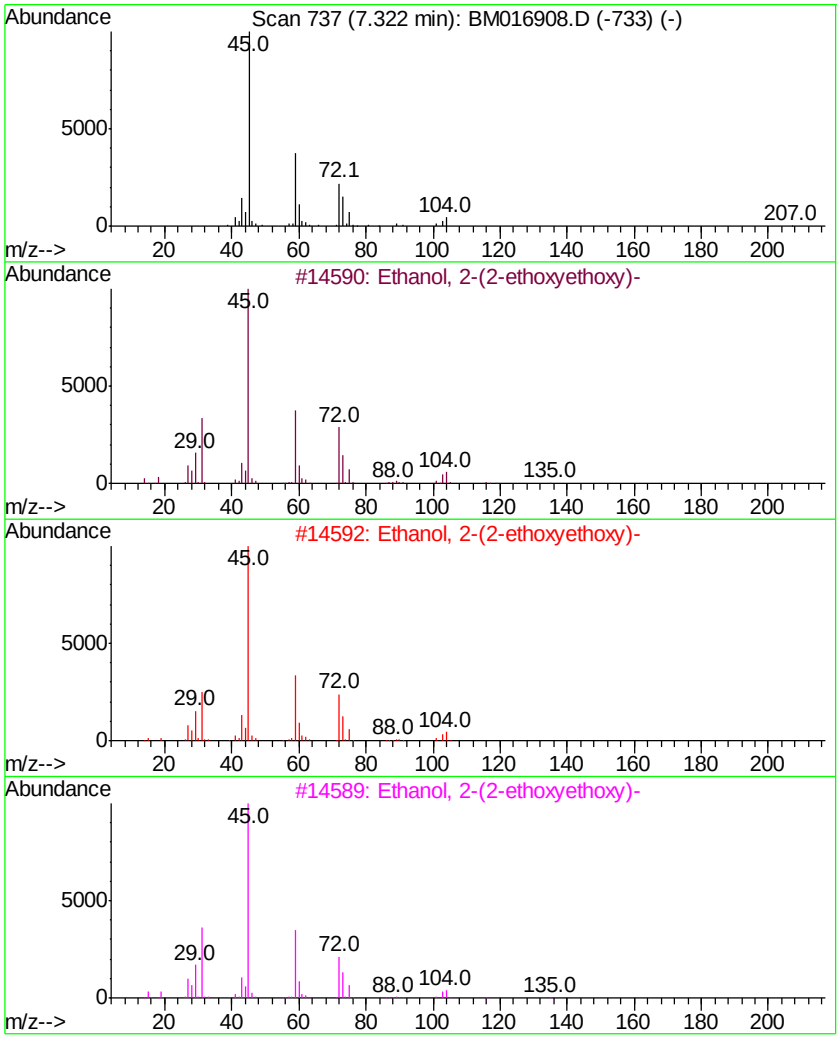
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

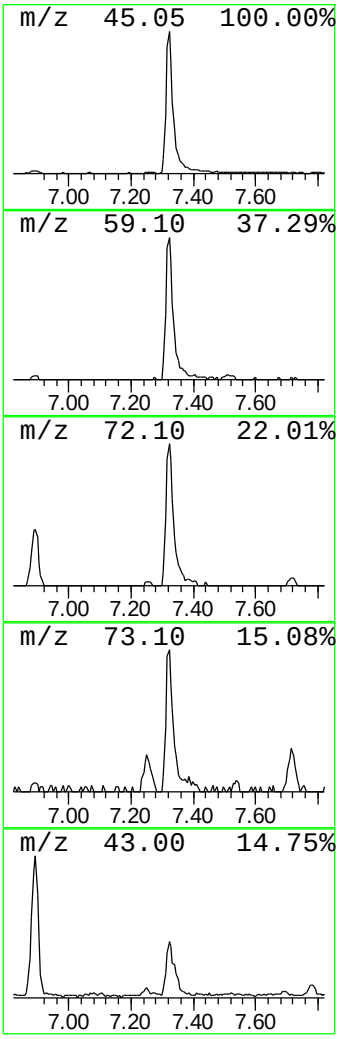
****

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	2.76 ng/ul	235756	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
4	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	72
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

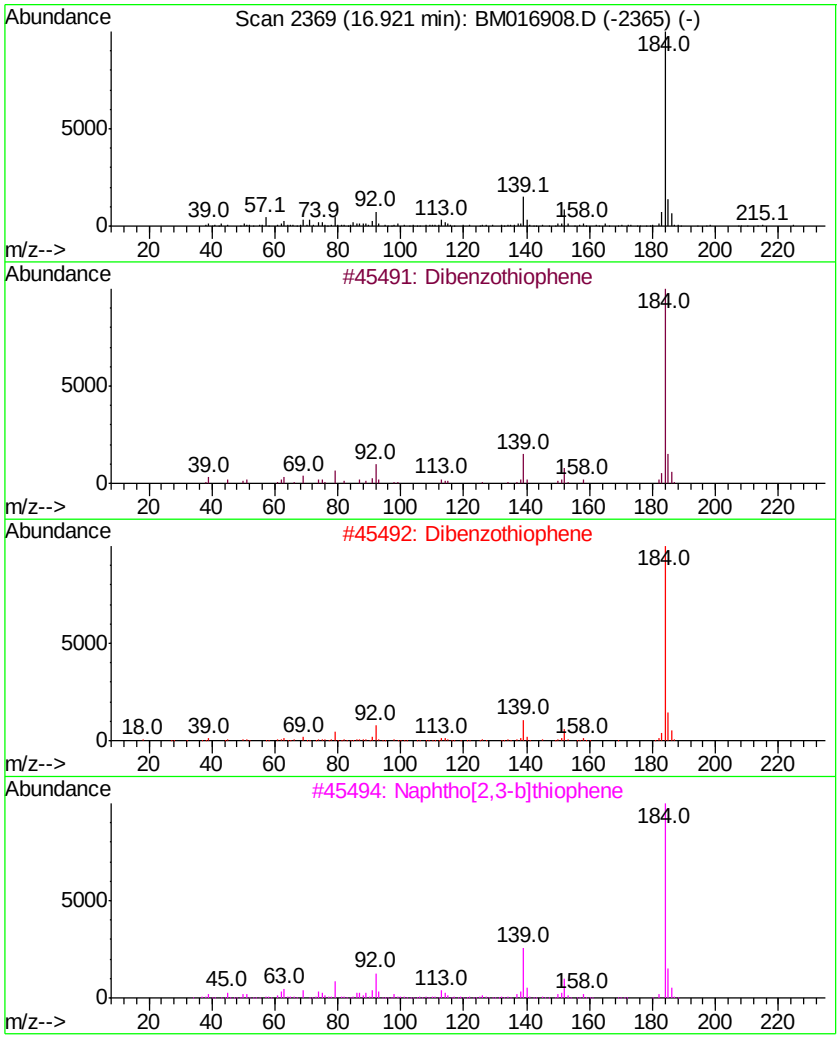
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

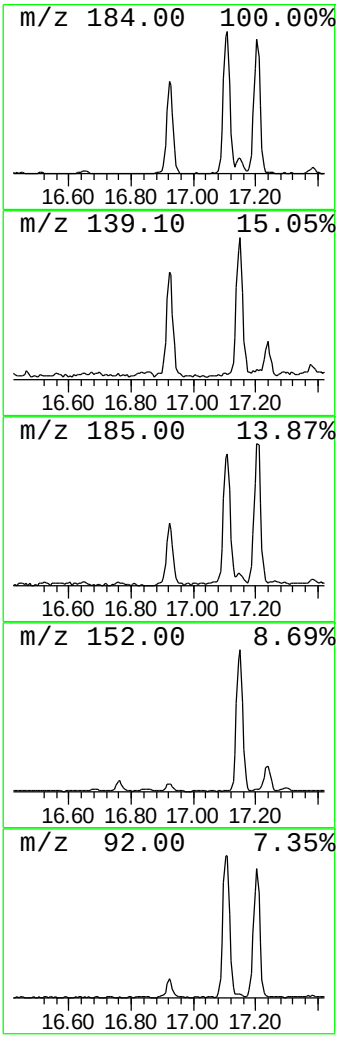
****

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	2.09 ng/ul	378692	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

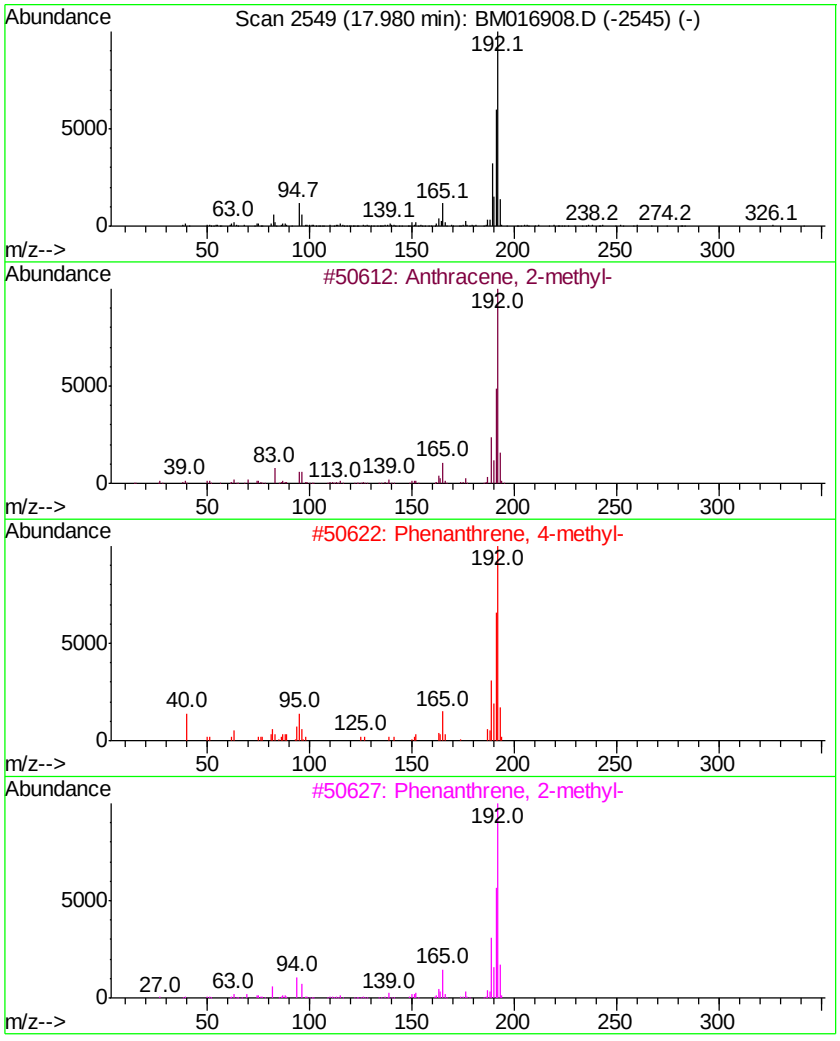
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

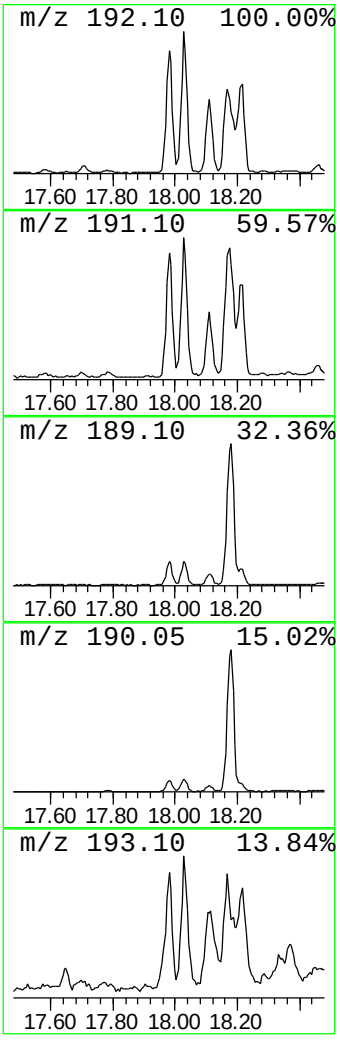
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	2.51 ng/ul	454753	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

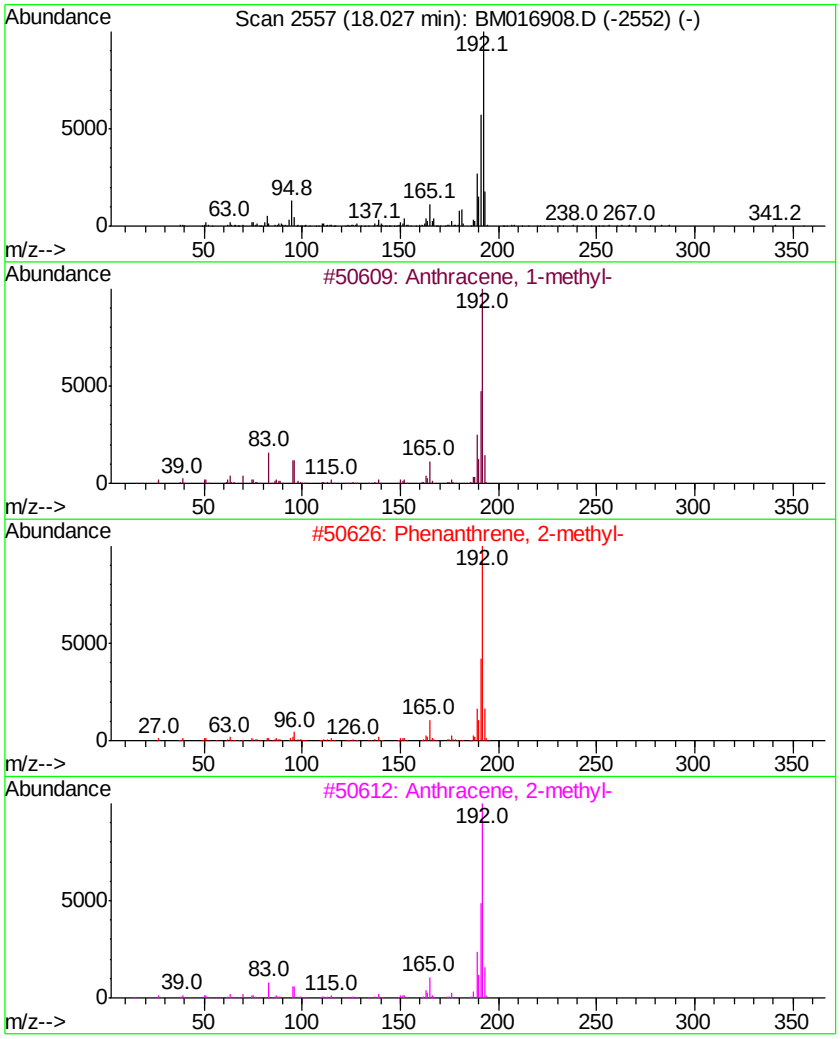
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

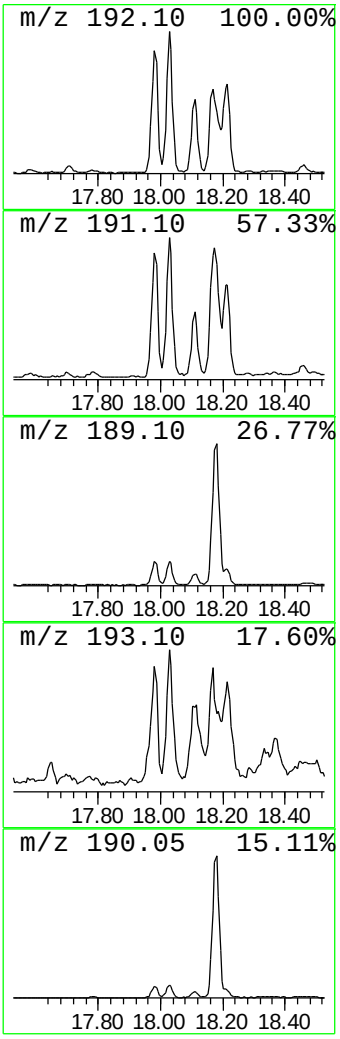
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.75 ng/ul	861785	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

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Quant Title : SVOA CALIBRATION

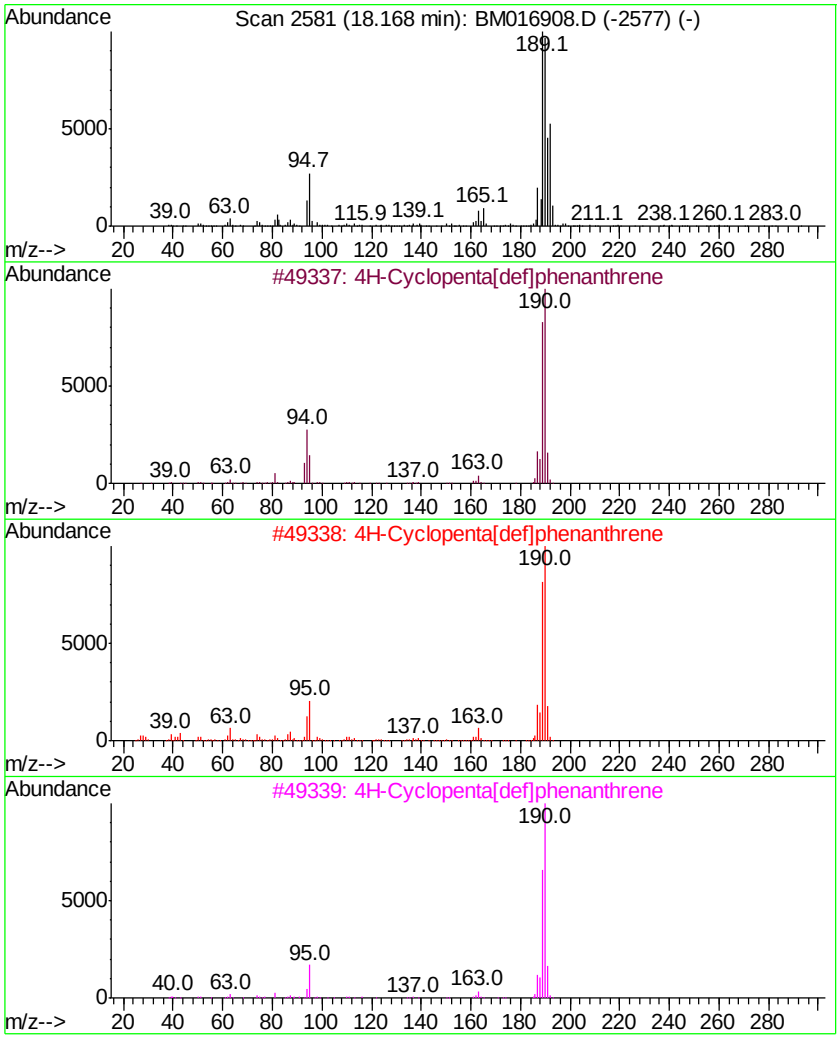
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

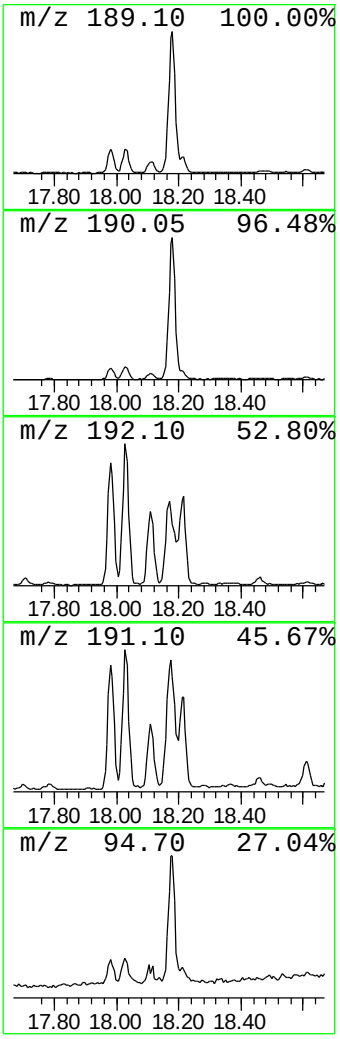
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	7.46 ng/ul	1352180	Phenanthrene-d10	17.10

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	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Instrument : BNA_M
ClientSampleId : E8JD9

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Quant Title : SVOA CALIBRATION

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

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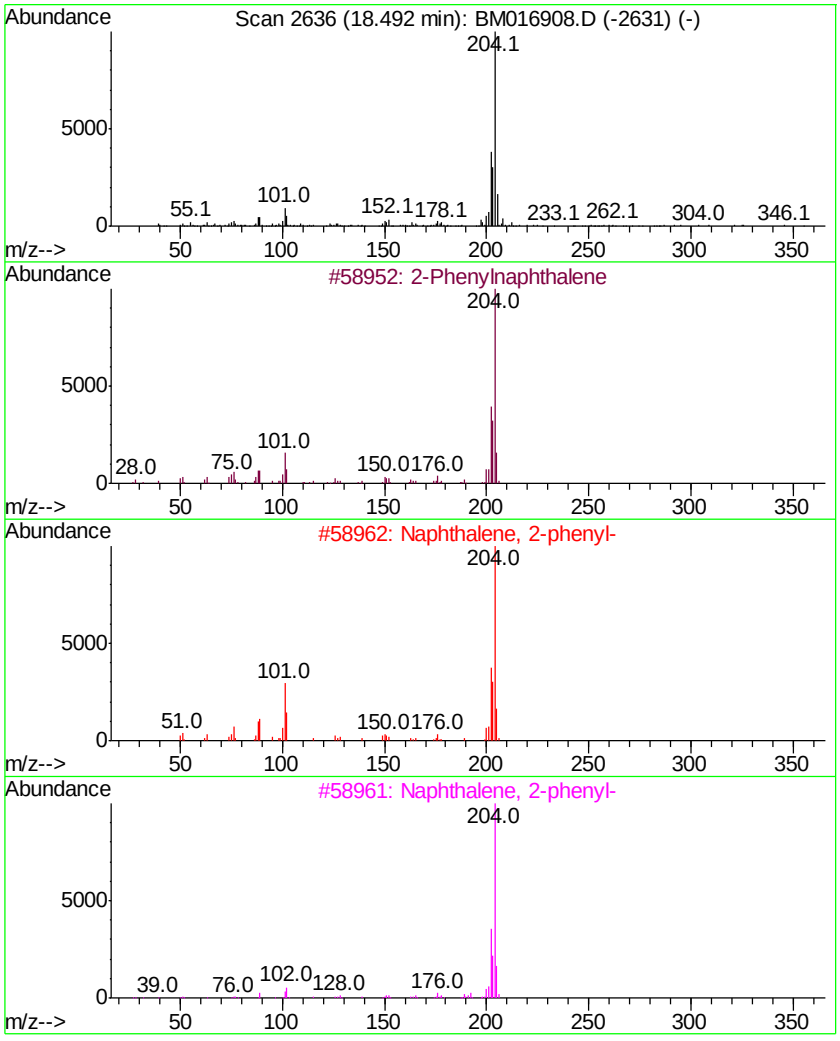
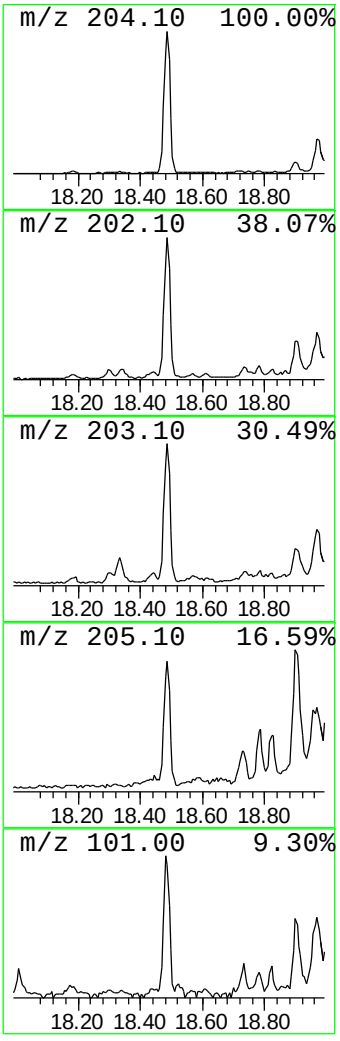
Peak Number 8 2-Phenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.38 ng/ul	432268	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Sample : J5040-09
Misc :
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Instrument : BNA_M
ClientSampleId : E8JD9

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Quant Title : SVOA CALIBRATION

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

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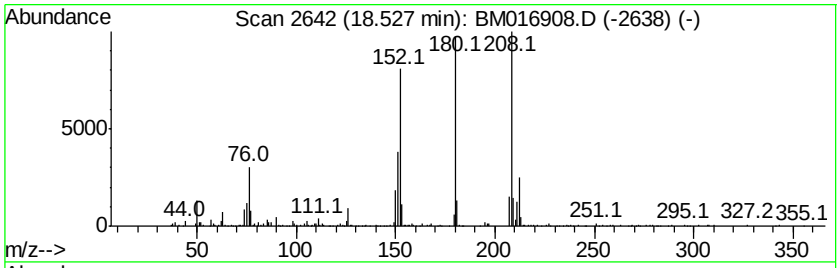
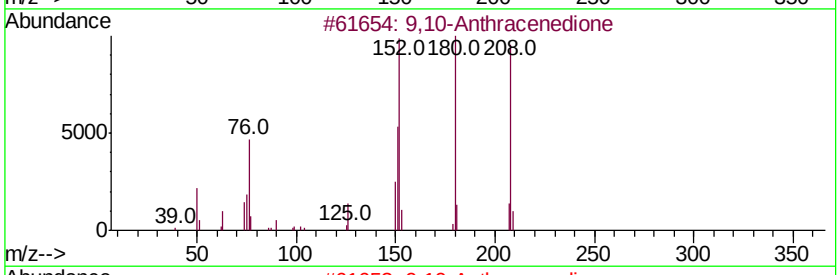
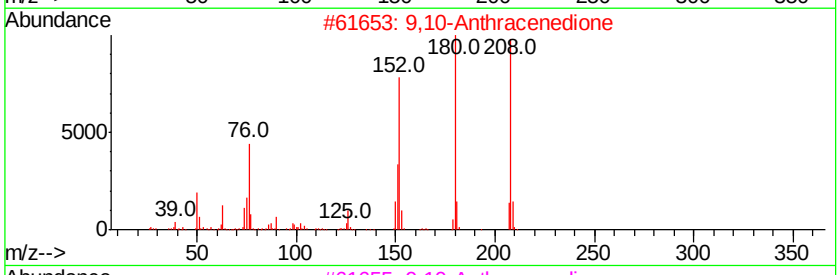
Peak Number 9 9,10-Anthracenedione Concentration Rank 8

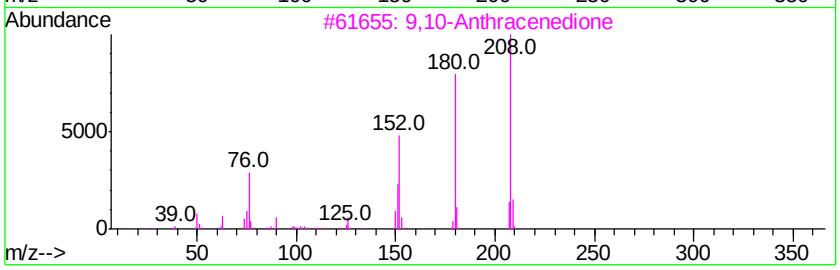
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.66 ng/ul	481945	Phenanthrene-d10	17.10

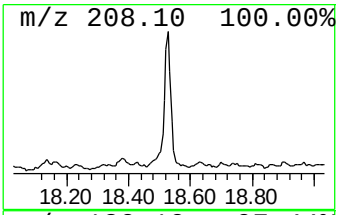
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60

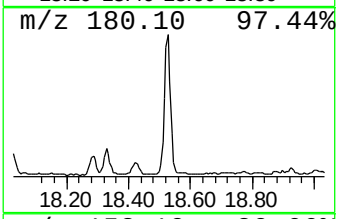


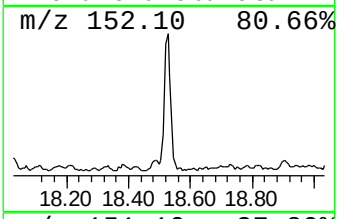


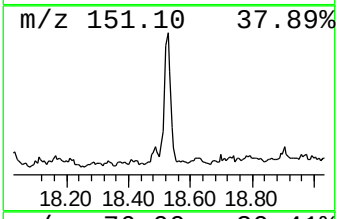


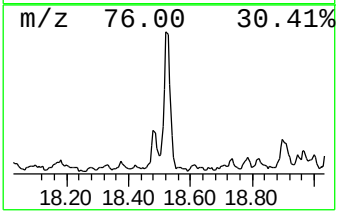












Library Search Compound Report

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Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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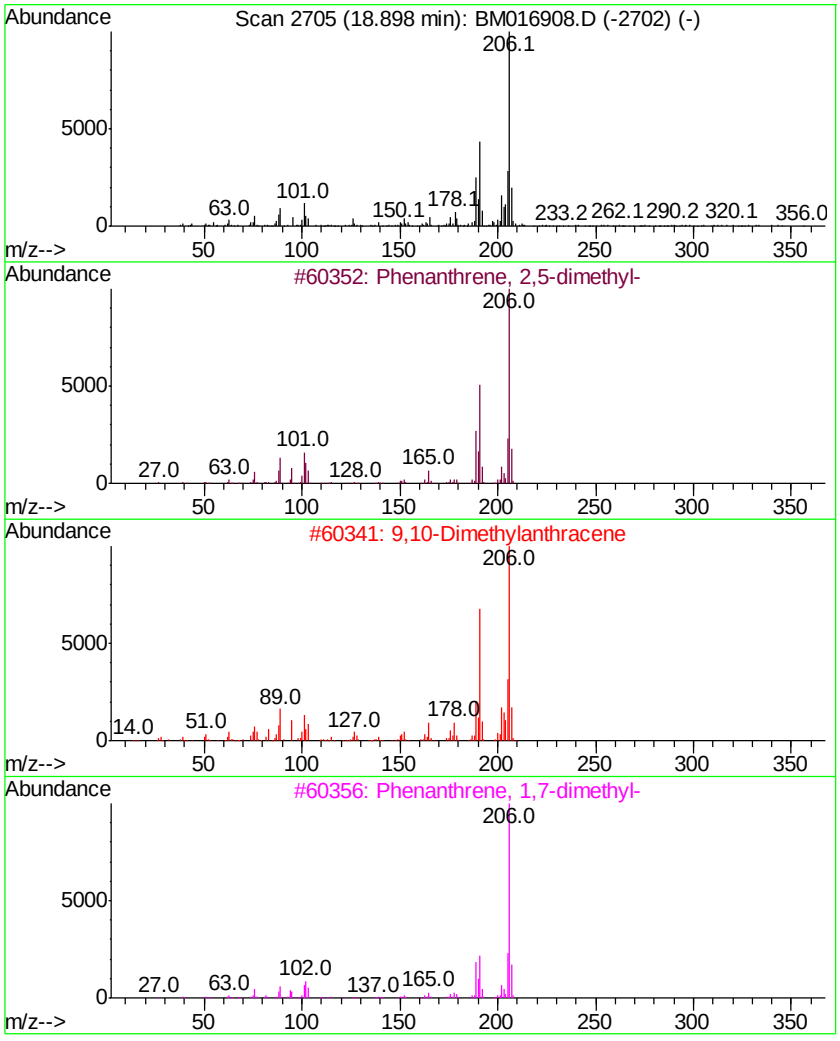
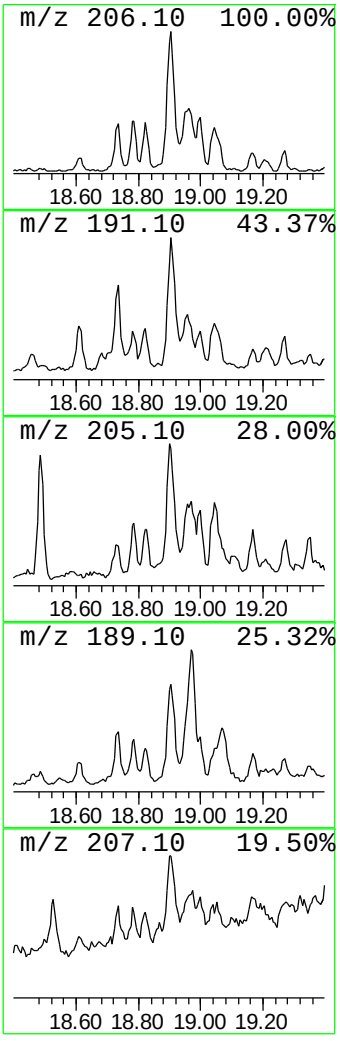
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.54 ng/ul	460517	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

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Quant Title : SVOA CALIBRATION

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

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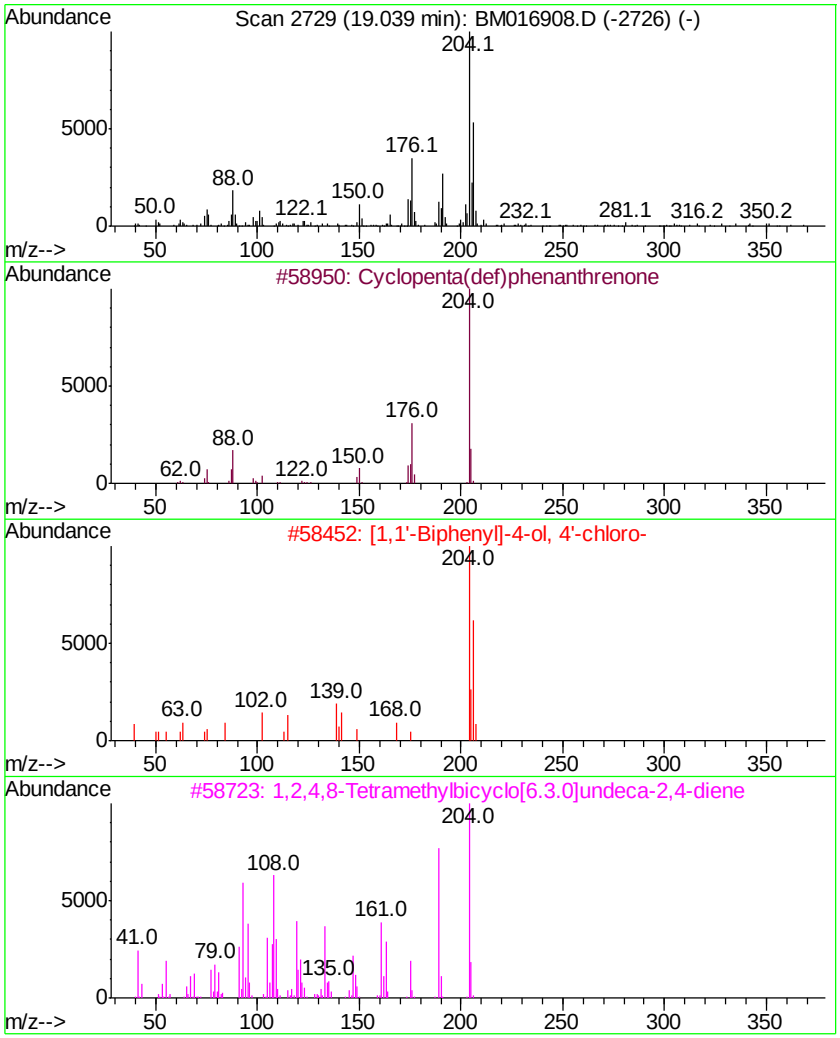
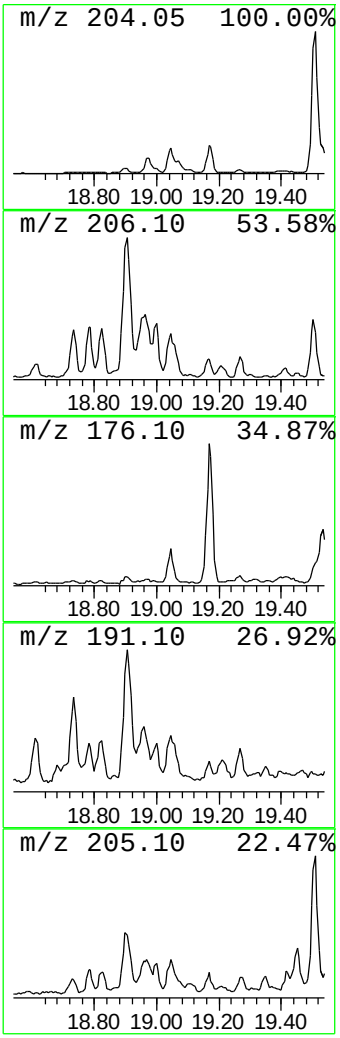
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	2.11 ng/ul	382556	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	42
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	27





Library Search Compound Report

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Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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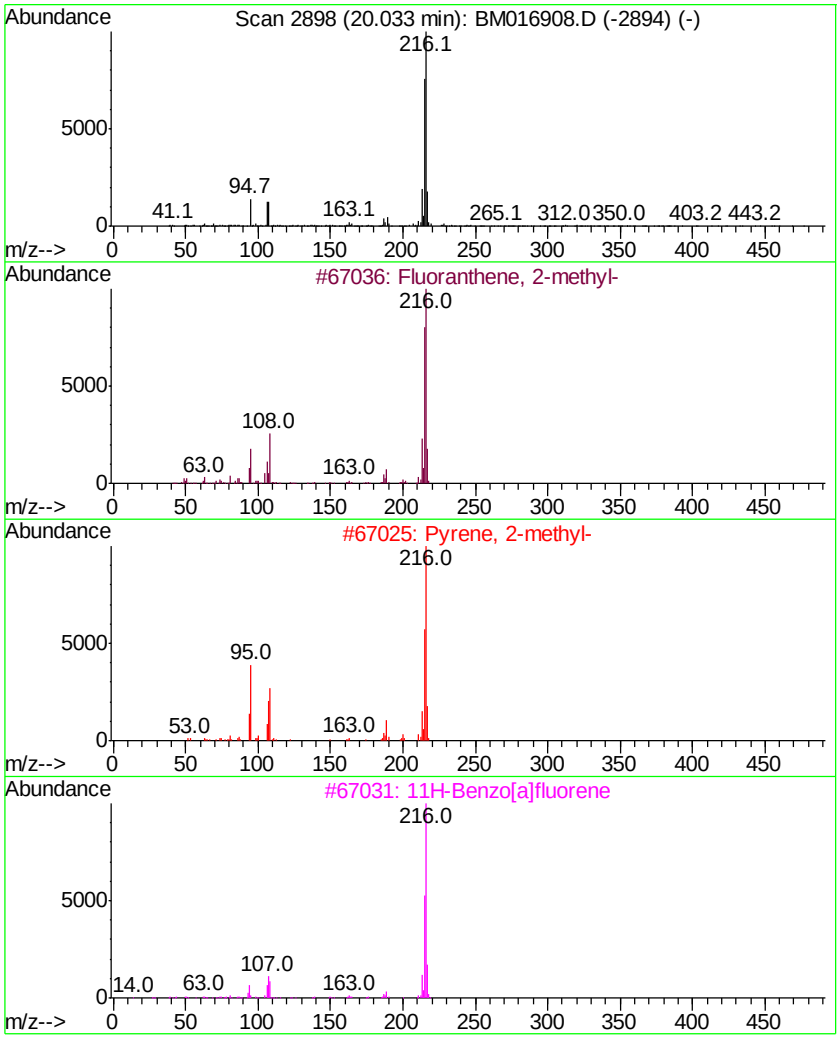
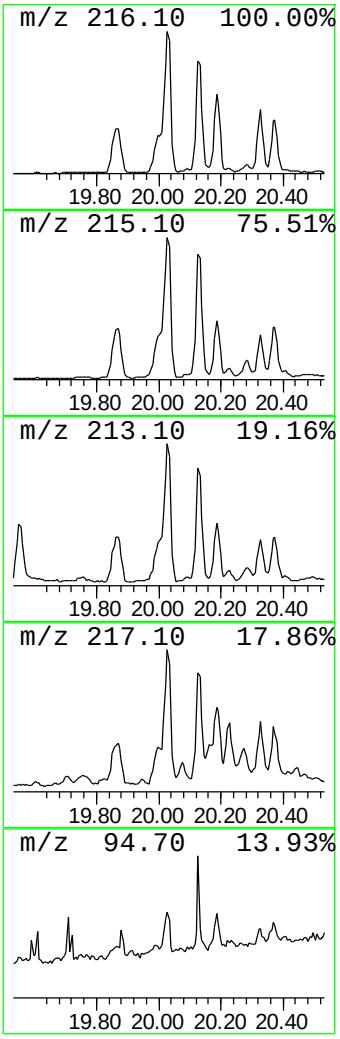
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.42 ng/ul	1185900	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

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Quant Title : SVOA CALIBRATION

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

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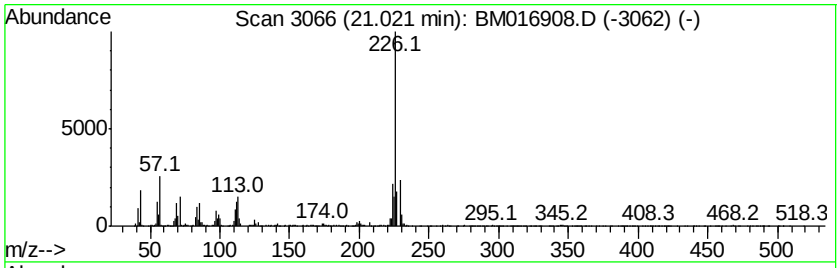
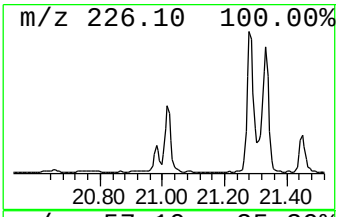
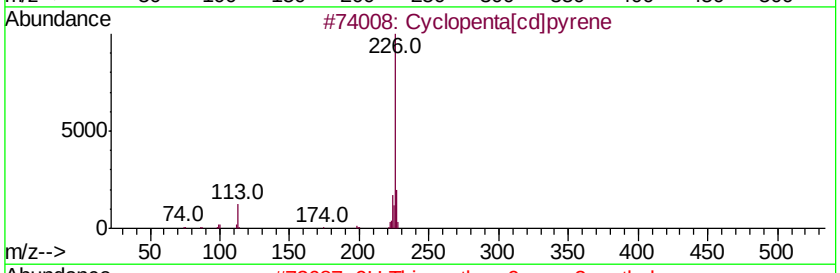
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 14

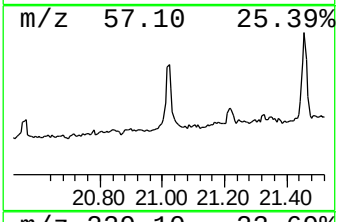
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.30 ng/ul	1128970	Chrysene-d12	21.30

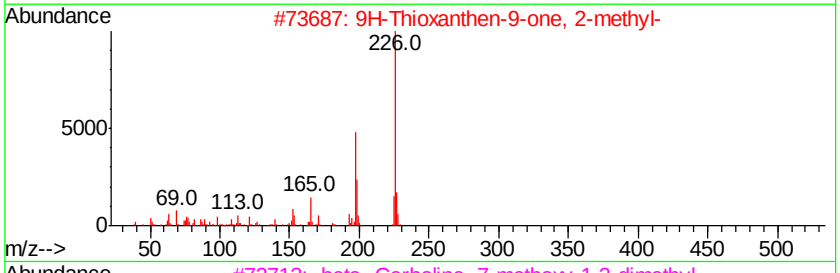
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	58
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	47
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38

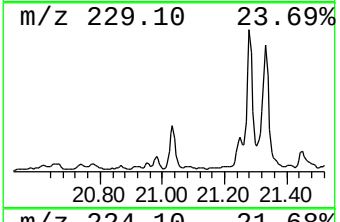


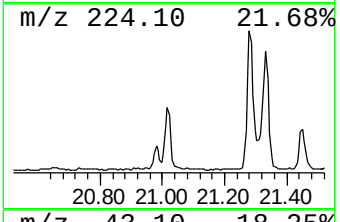


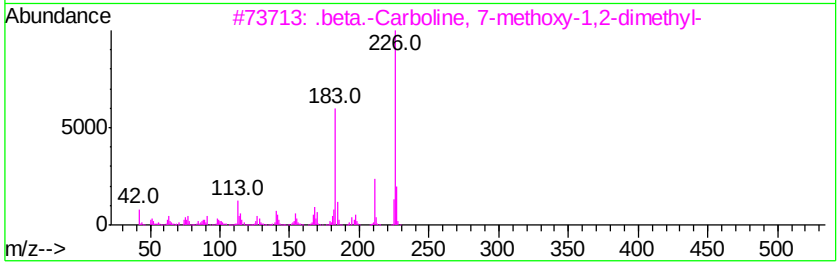


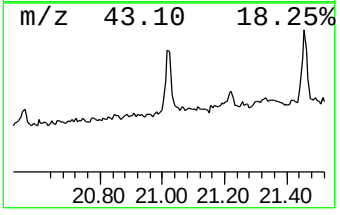












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Sample : J5040-09
Misc :
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Instrument : BNA_M
ClientSampleId : E8JD9

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Quant Title : SVOA CALIBRATION

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

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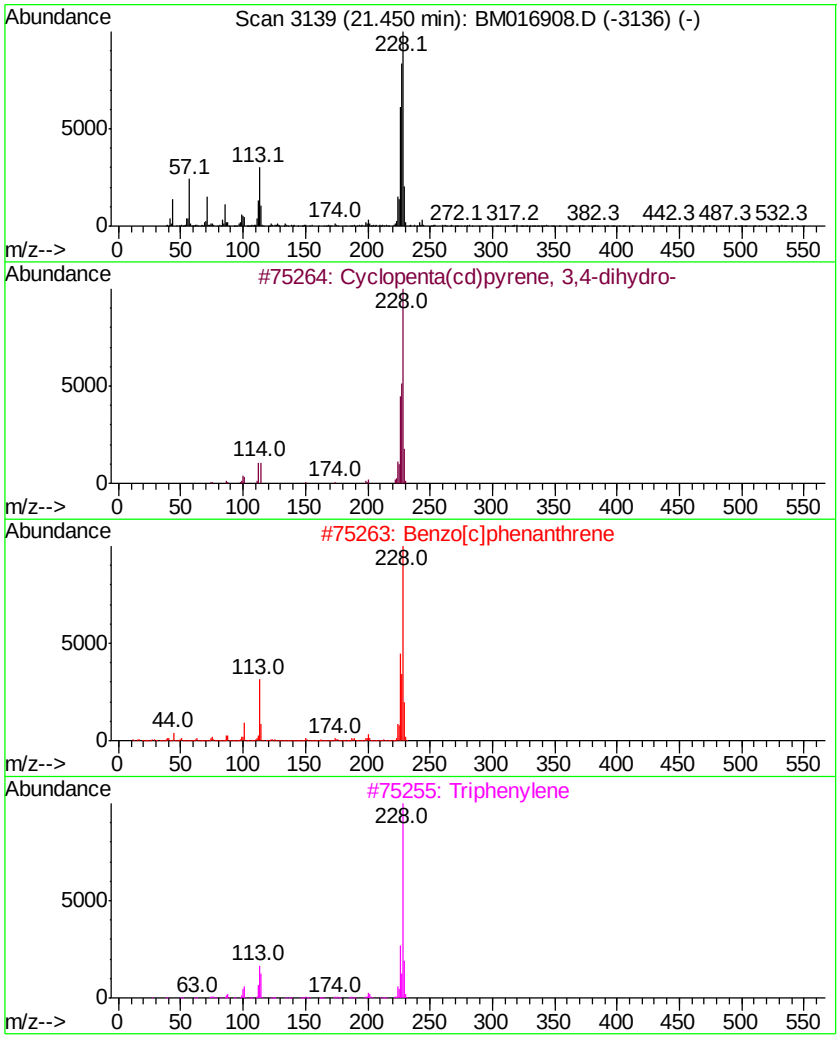
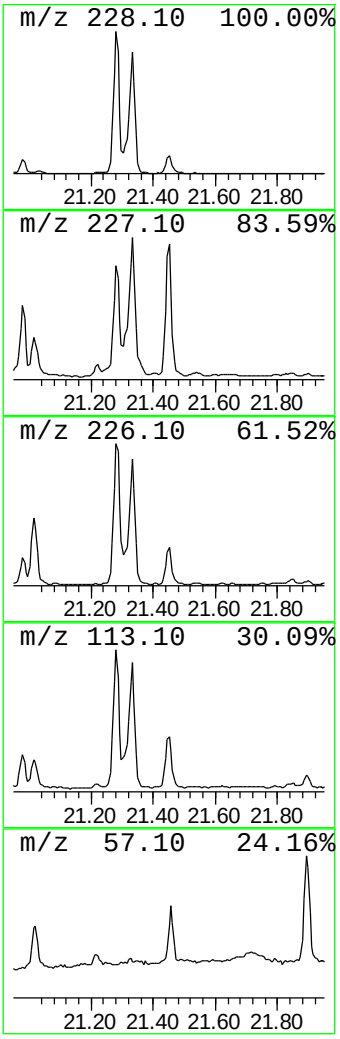
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.04 ng/ul	1001690	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	Triphenylene	228	C18H12	000217-59-4	50
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
5	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47





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Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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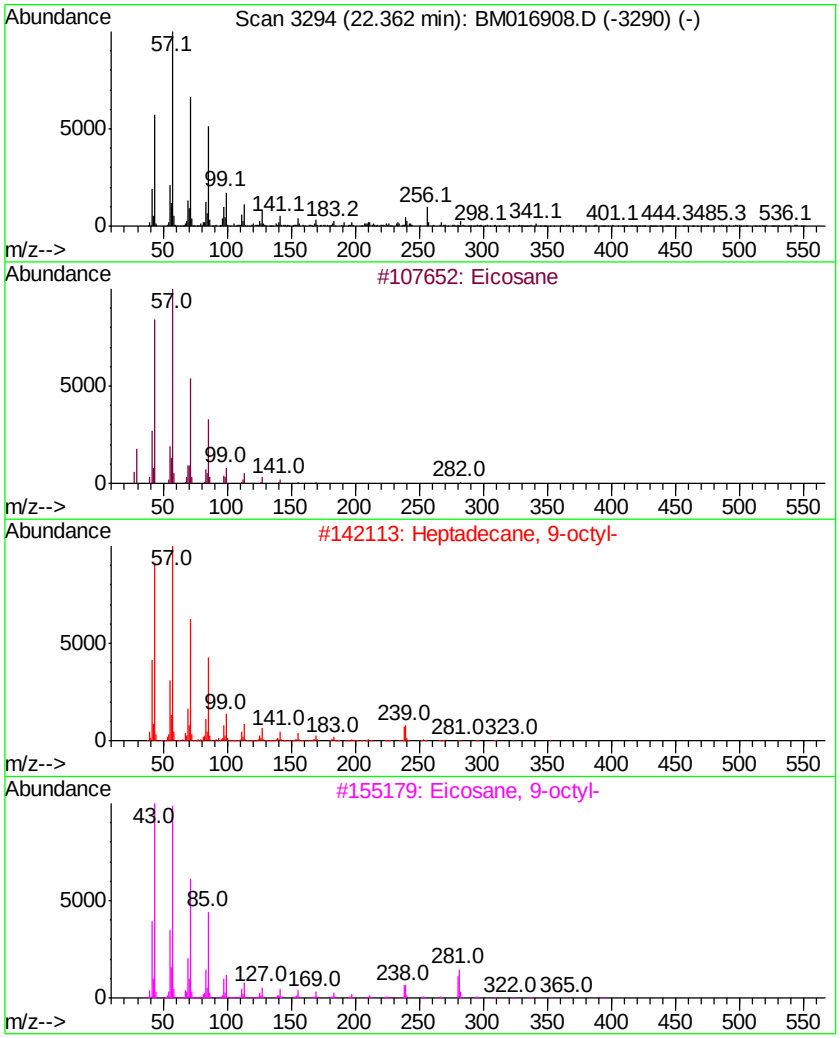
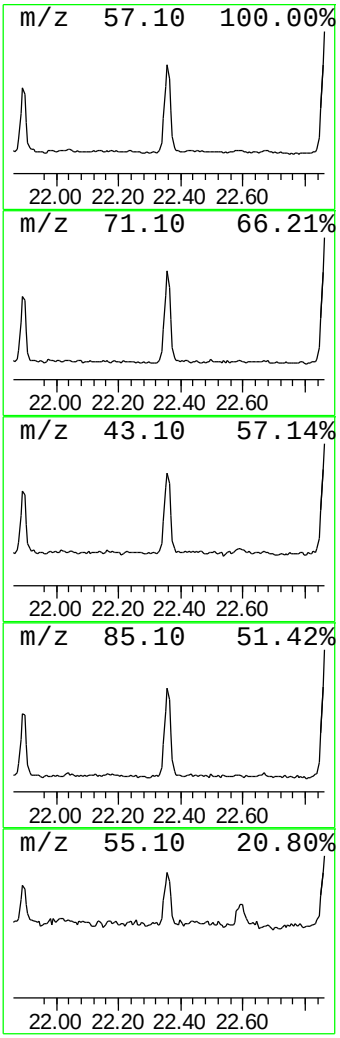
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.60 ng/ul	1273060	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Triacontane	422	C30H62	000638-68-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

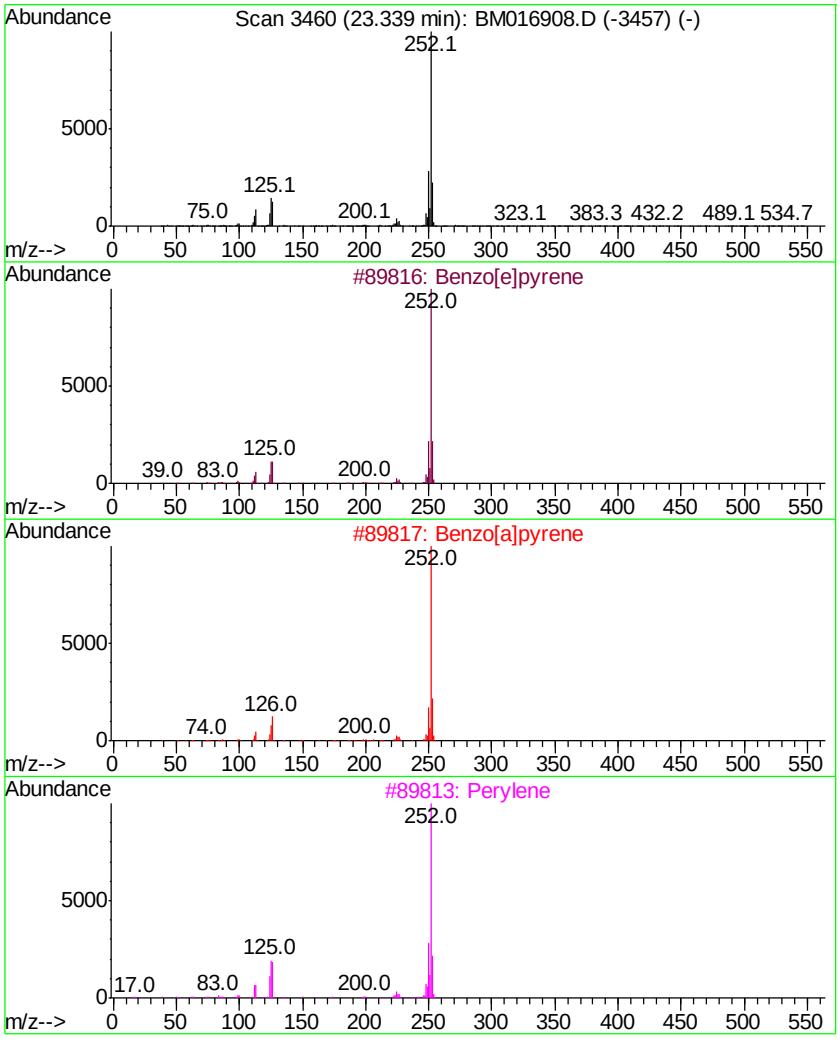
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

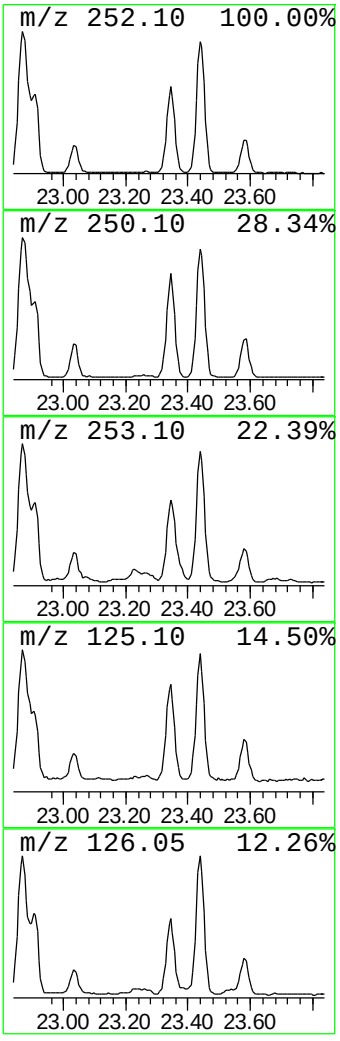
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	10.69 ng/ul	2106740	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

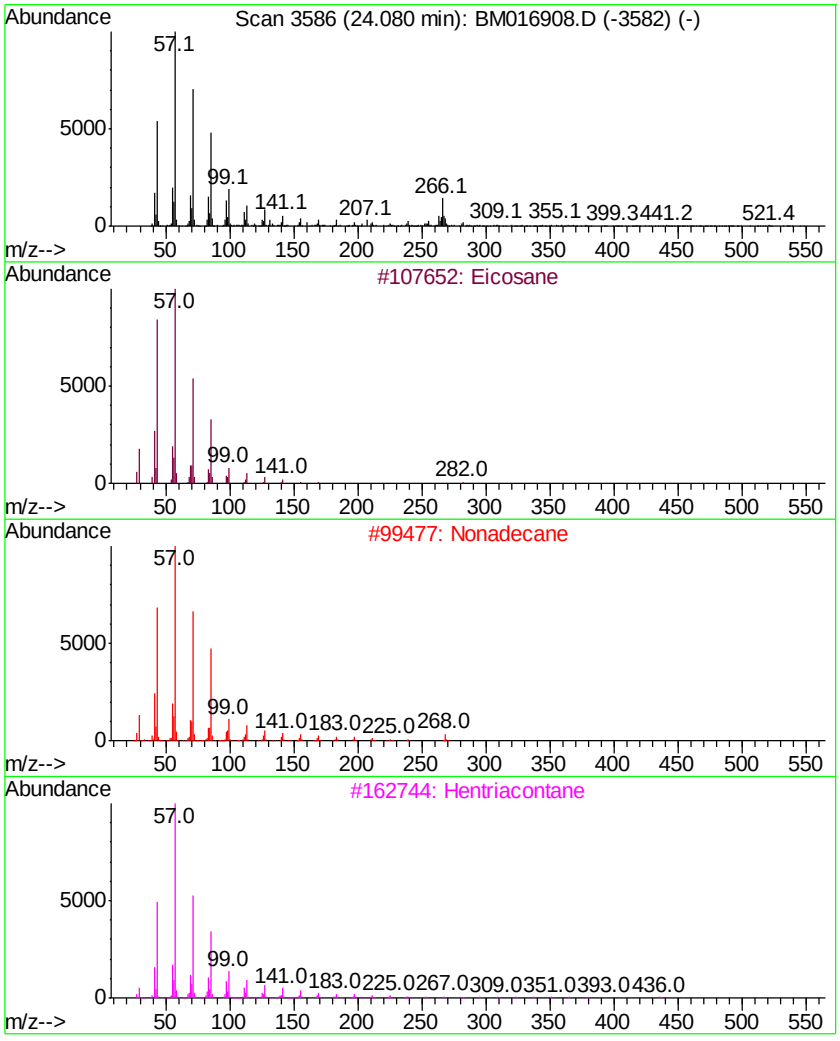
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

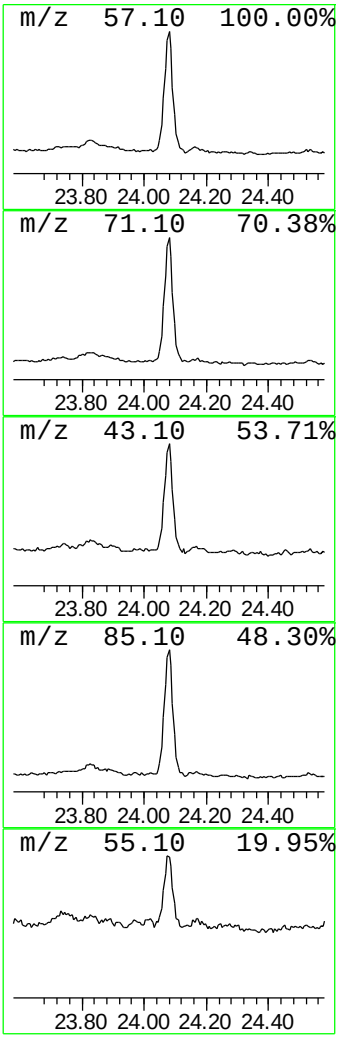
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	9.27 ng/ul	1827260	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	96
3	Hentriacontane	437	C31H64	000630-04-6	95
4	Octadecane	254	C18H38	000593-45-3	95
5	Eicosane	282	C20H42	000112-95-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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
Butane, 2-methoxy...	3.02	52.7	ng/ul	4498230	1	7.72	1707610	20.0
Ethanol, 2-(2-eth...	7.32	2.8	ng/ul	235756	1	7.72	1707610	20.0
Dibenzothiophene	16.92	2.1	ng/ul	378692	4	17.10	3626950	20.0
Anthracene, 2-met...	17.98	2.5	ng/ul	454753	4	17.10	3626950	20.0
Anthracene, 1-met...	18.03	4.8	ng/ul	861785	4	17.10	3626950	20.0
4H-Cyclopenta[def...	18.17	7.5	ng/ul	1352180	4	17.10	3626950	20.0
2-Phenylnaphthalene	18.49	2.4	ng/ul	432268	4	17.10	3626950	20.0
9,10-Anthracenedione	18.53	2.7	ng/ul	481945	4	17.10	3626950	20.0
Phenanthrene, 2,5...	18.90	2.5	ng/ul	460517	4	17.10	3626950	20.0
Cyclopenta(def)ph...	19.04	2.1	ng/ul	382556	4	17.10	3626950	20.0
Fluoranthene, 2-m...	20.03	2.4	ng/ul	1185900	5	21.30	9804830	20.0
Cyclopenta[cd]pyrene	21.02	2.3	ng/ul	1128970	5	21.30	9804830	20.0
Cyclopenta(cd)pyr...	21.45	2.0	ng/ul	1001690	5	21.30	9804830	20.0
(DEL) Alkane: Str...	22.36	2.6	ng/ul	1273060	5	21.30	9804830	20.0
Benzo[e]pyrene	23.34	10.7	ng/ul	2106740	6	23.53	3943290	20.0
(DEL) Alkane: Str...	24.08	9.3	ng/ul	1827260	6	23.53	3943290	20.0