LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017098.D
Acq On : 10 Oct 2018 15:08
Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

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-BM100418MA.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	6.869	654	660	670	rVB2	676442	1157495	22.71%	1.932%
2	7.034	683	688	695	rVB	588205	891061	17.48%	1.487%
3	7.228	716	721	728	rVB	751228	1132951	22.23%	1.891%
4	7.692	794	800	808	rVB	818844	1304164	25.59%	2.176%
5	8.398	914	920	927	rVB	629339	1003115	19.68%	1.674%
6	8.845	989	996	1005	rVV	721278	1146354	22.49%	1.913%
7	8.910	1005	1007	1011	rVB3	6098	6828	0.13%	0.011%
8	9.016	1021	1025	1029	rVB4	4458	7132	0.14%	0.012%
9	9.263	1063	1067	1072	rVB2	8636	12702	0.25%	0.021%
10	9.386	1085	1088	1093	rVB3	5290	7664	0.15%	0.013%
11	9.563	1111	1118	1128	rBV	499114	799921	15.70%	1.335%
12	9.792	1154	1157	1163	rVB4	3441	5541	0.11%	0.009%
13	10.092	1201	1208	1220	rBV	883638	1406988	27.61%	2.348%
14	10.257	1232	1236	1245	rVB6	5091	13648	0.27%	0.023%
15	10.333	1245	1249	1254	rVB4	2763	5672	0.11%	0.009%
16	10.392	1254	1259	1264	rBV4	2492	5648	0.11%	0.009%
17	10.469	1264	1272	1278	rBV	1157186	1953257	38.33%	3.260%
18	10.522	1278	1281	1287	rVB	58584	85373	1.68%	0.142%
19	10.610	1289	1296	1307	rBV	259912	482206	9.46%	0.805%
20	11.498	1442	1447	1453	rBV6	5874	12095	0.24%	0.020%
21	11.904	1512	1516	1520	rVB2	5726	7319	0.14%	0.012%
22	12.057	1539	1542	1550	rVB3	13544	23665	0.46%	0.039%
23	12.139	1550	1556	1562	rVB	36063	58132	1.14%	0.097%
24	12.269	1573	1578	1582	rBV3	4070	5751	0.11%	0.010%
25	12.357	1588	1593	1599	rBV	34824	52193	1.02%	0.087%
26	12.680	1644	1648	1653	rBV3	3955	6230	0.12%	0.010%
27	12.863	1676	1679	1685	rVB4	5865	9048	0.18%	0.015%
28	12.933	1685	1691	1695	rBV4	4952	8394	0.16%	0.014%
29	13.104	1718	1720	1723	rVB4	5722	5611	0.11%	0.009%
30	13.163	1723	1730	1735	rBV3	37235	55567	1.09%	0.093%
31	13.363	1758	1764	1766	rBV6	7031	12183	0.24%	0.020%
32	13.492	1781	1786	1787	rBV2	14141	18986	0.37%	0.032%
33	13.569	1796	1799	1805	rBV8	5133	7173	0.14%	0.012%
34	13.651	1808	1813	1819	rBV	42616	75734	1.49%	0.126%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017098.D
Acq On : 10 Oct 2018 15:08
Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

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-BM100418MA.M
Title : SVOA CALIBRATION

35	13.704	1819	1822	1824	rBV2	21391	27414	0.54%	0.046%
36	13.745	1824	1829	1834	rVV	1420399	2020903	39.65%	3.372%
37	13.792	1834	1837	1846	rVB	333929	455641	8.94%	0.760%
38	13.886	1849	1853	1860	rVV4	18666	28450	0.56%	0.047%
39	13.986	1865	1870	1871	rBV2	112132	136787	2.68%	0.228%
40	14.021	1871	1876	1890	rVV	1803869	2818174	55.30%	4.703%
41	14.121	1890	1893	1896	rVV5	13844	17607	0.35%	0.029%
42	14.163	1896	1900	1906	rVB5	16873	27186	0.53%	0.045%
43	14.245	1910	1914	1918	rVB4	30022	39967	0.78%	0.067%
44	14.333	1918	1929	1936	rBV2	1573406	2377606	46.65%	3.968%
45	14.392	1936	1939	1948	rVB	94621	160649	3.15%	0.268%
46	14.539	1958	1964	1975	rBV	281573	477005	9.36%	0.796%
47	14.698	1987	1991	1992	rBV2	21020	25308	0.50%	0.042%
48	14.733	1993	1997	2005	rVB	92958	160715	3.15%	0.268%
49	14.810	2006	2010	2014	rBV2	24595	31177	0.61%	0.052%
50	14.957	2029	2035	2038	rBV3	30731	63024	1.24%	0.105%
51	15.127	2059	2064	2067	rBV6	33716	56550	1.11%	0.094%
52	15.198	2074	2076	2085	rVB6	24158	48059	0.94%	0.080%
53	15.327	2092	2098	2104	rBV	2281134	3194906	62.69%	5.332%
54	15.380	2104	2107	2112	rVB	123781	175862	3.45%	0.293%
55	15.451	2114	2119	2125	rVV	313835	426022	8.36%	0.711%
56	15.680	2155	2158	2167	rVB	53635	102438	2.01%	0.171%
57	15.827	2176	2183	2188	rBV4	52358	144285	2.83%	0.241%
58	15.886	2190	2193	2202	rVB5	64986	130305	2.56%	0.217%
59	16.039	2214	2219	2230	rBV2	247832	489046	9.60%	0.816%
60	16.739	2334	2338	2343	rVB	104944	150184	2.95%	0.251%
61	16.898	2362	2365	2375	rVB	116496	190047	3.73%	0.317%
62	17.080	2391	2396	2400	rBV	1655952	2456842	48.21%	4.100%
63	17.121	2400	2403	2408	rVB	1778734	2313364	45.39%	3.860%
64	17.180	2408	2413	2417	rBV2	2197486	3070961	60.26%	5.125%
65	17.486	2461	2465	2469	rVB	174104	238970	4.69%	0.399%
66	17.956	2541	2545	2548	rBV	249451	357060	7.01%	0.596%
67	18.003	2548	2553	2559	rVB	386674	663599	13.02%	1.107%
68	18.062	2560	2563	2565	rBV	112995	137114	2.69%	0.229%
69	18.151	2573	2578	2582	rBV3	314574	588168	11.54%	0.982%
70	18.186	2582	2584	2592	rVB	203647	254028	4.98%	0.424%
71	18.462	2628	2631	2634	rVB	181253	195507	3.84%	0.326%

LSC Area Percent Report

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Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

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-BM100418MA.M
Title : SVOA CALIBRATION

72	18.503	2634	2638	2644	rBV2	303240	452105	8.87%	0.754%
73	19.145	2742	2747	2751	rBV	3057492	3906655	76.65%	6.519%
74	19.480	2799	2804	2806	rBV2	2981095	4229430	82.99%	7.058%
75	19.509	2806	2809	2814	rVB	2673087	3382357	66.37%	5.644%
76	20.997	3060	3062	3067	rVB3	646699	775383	15.21%	1.294%
77	21.197	3093	3096	3100	rBV	1488044	1586551	31.13%	2.648%
78	21.268	3103	3108	3112	rVV2	2671840	5096427	100.00%	8.505%
79	21.309	3112	3115	3121	rVB	1474956	1908040	37.44%	3.184%
80	23.362	3460	3464	3468	rBV	1569281	2551216	50.06%	4.257%

Sum of corrected areas: 59924895

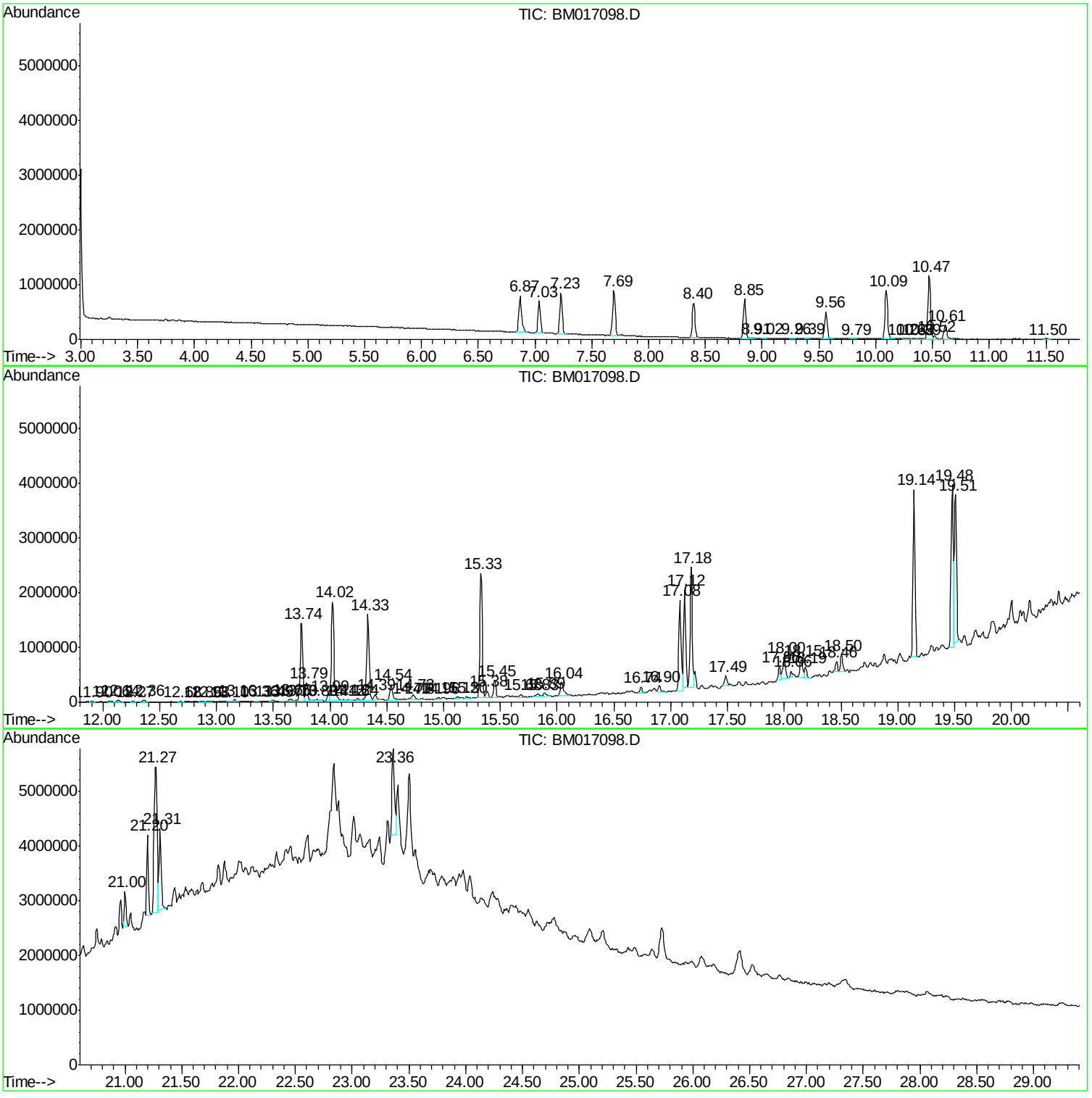
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017098.D
Acq On : 10 Oct 2018 15:08
Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017098.D
Acq On : 10 Oct 2018 15:08
Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

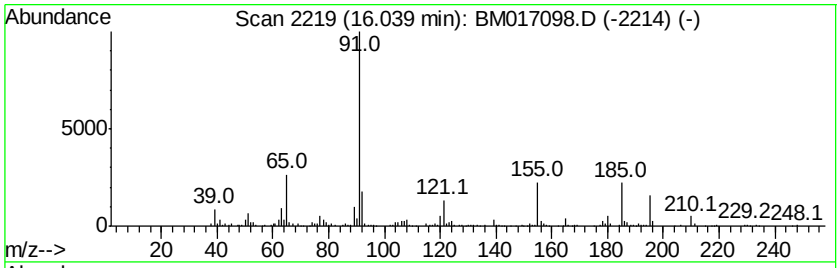
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

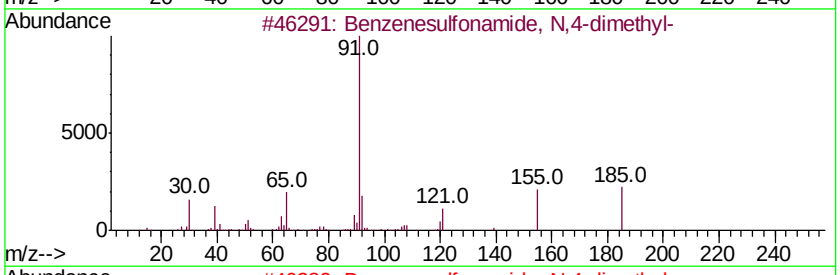
****

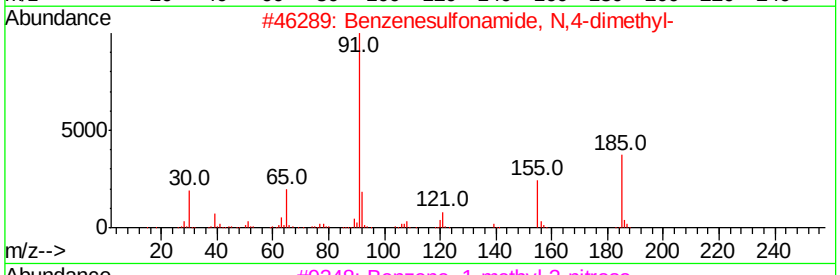
Peak Number 1 Benzenesulfonamide, N,4-dim... Concentration Rank 3

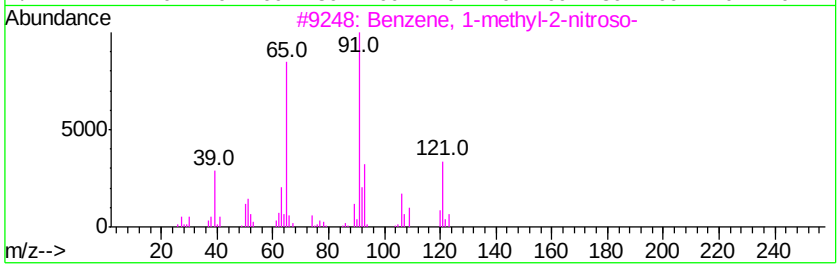
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.98 ng/ul	489046	Phenanthrene-d10	17.08

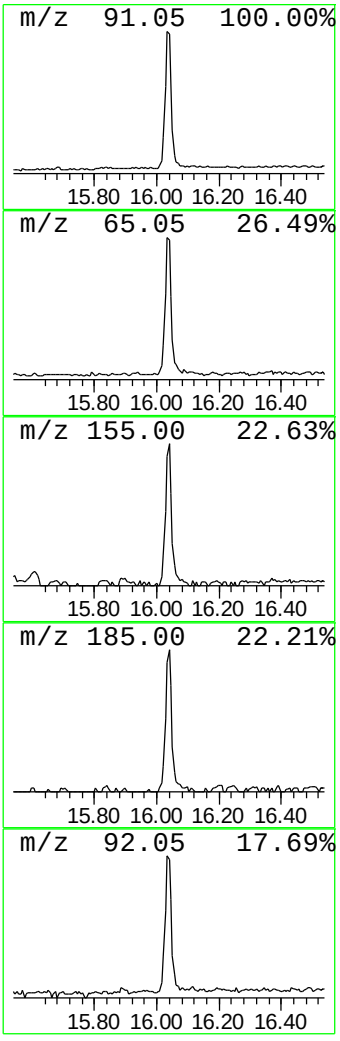
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	95
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	76
3	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	55
4	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	53
5	Benzene, 1-[(chloromethyl)sulfon...	204	C8H9ClO2S	007569-26-8	49











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017098.D
Acq On : 10 Oct 2018 15:08
Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

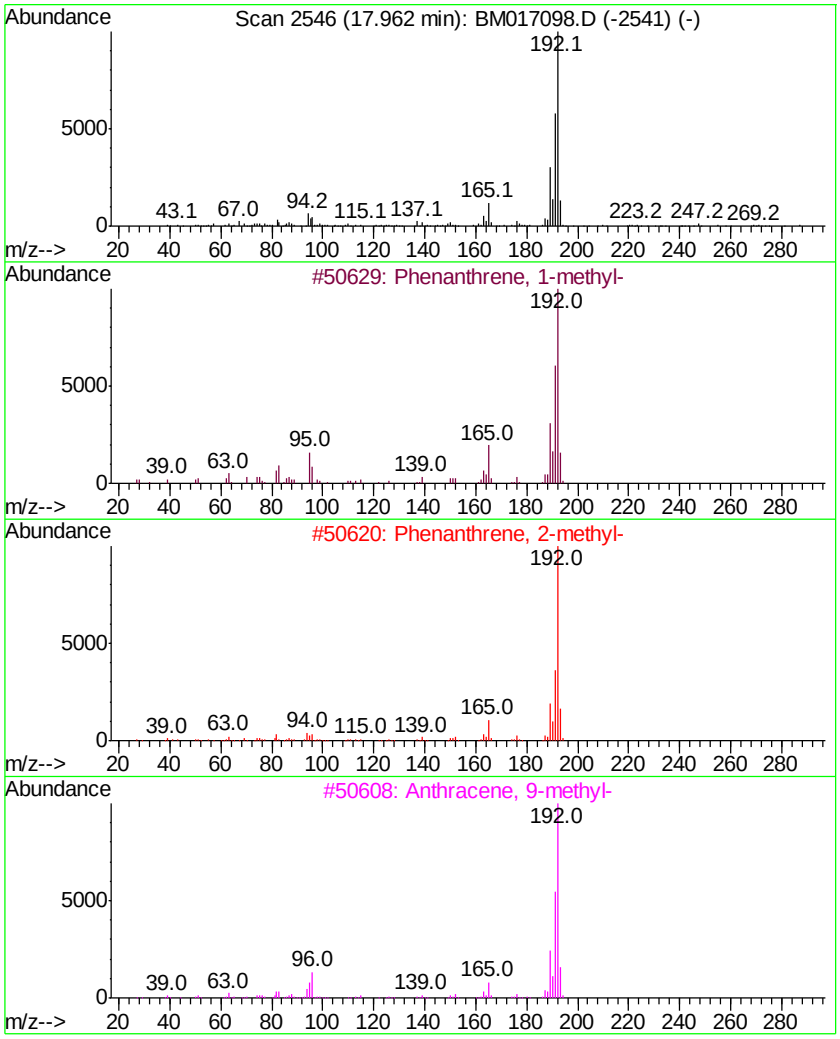
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

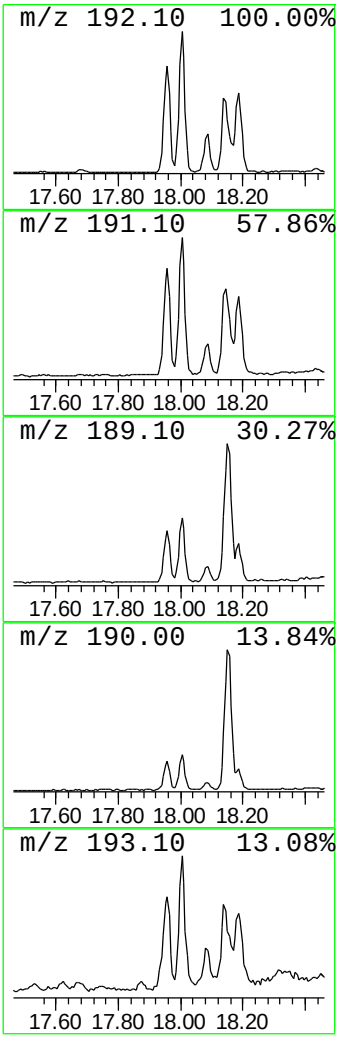
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.91 ng/ul	357060	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

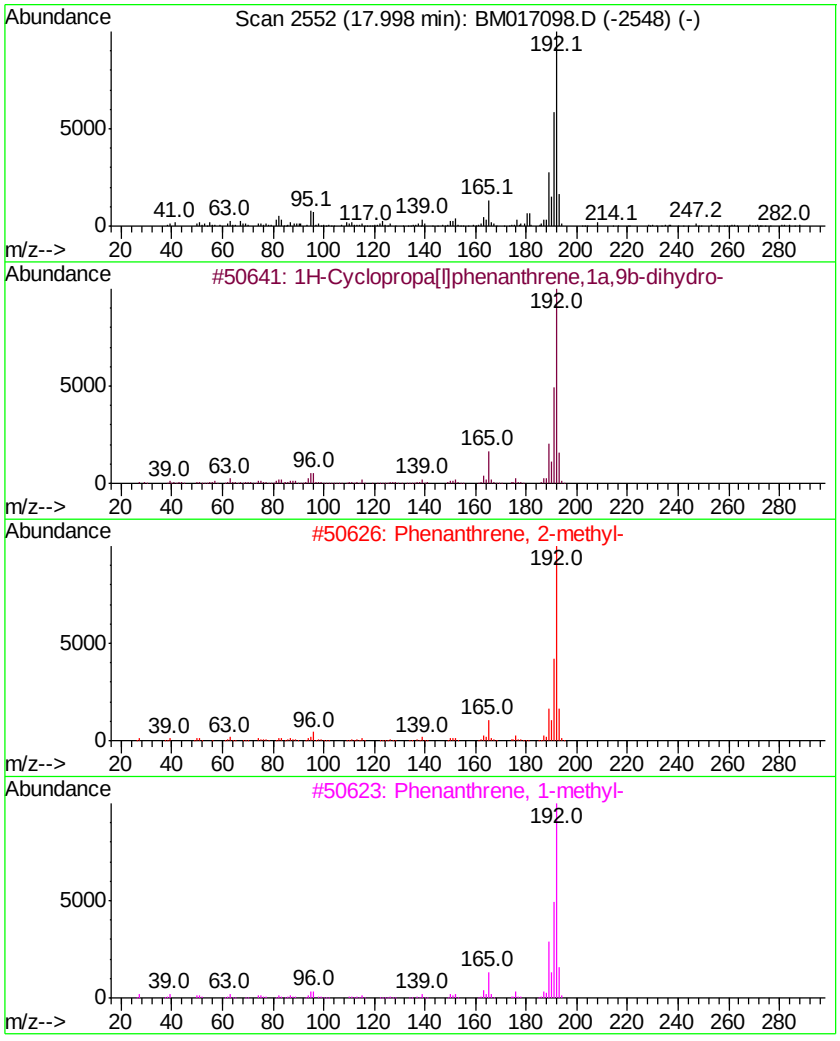
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

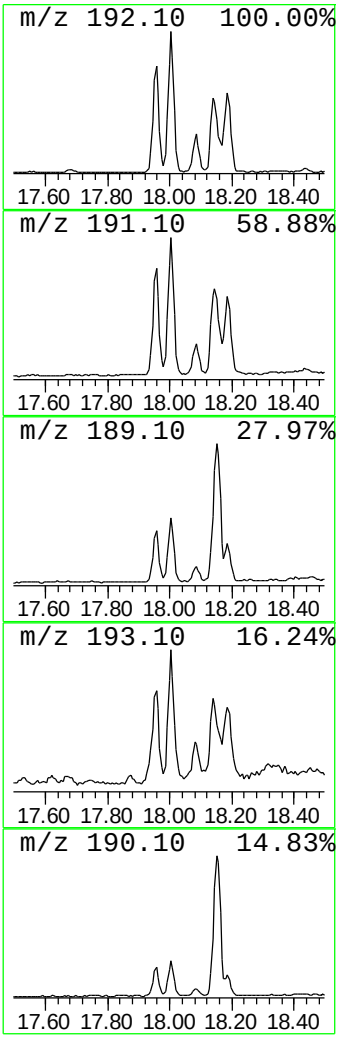
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	5.40 ng/ul	663599	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

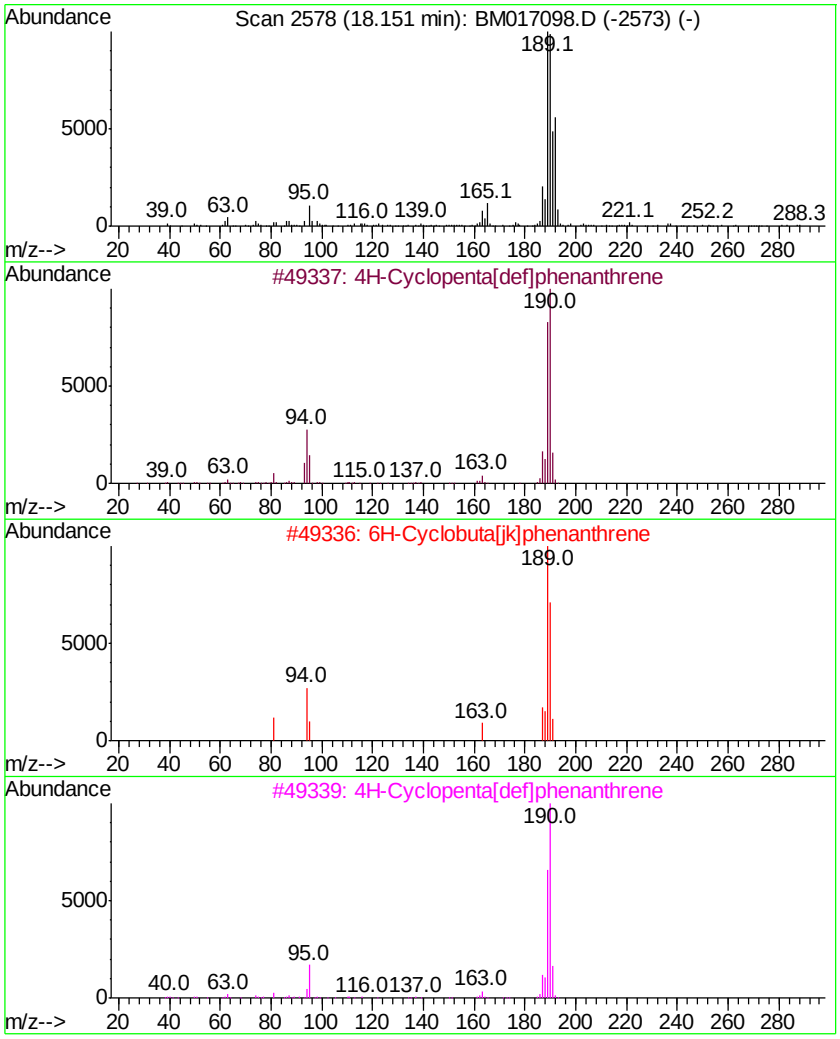
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

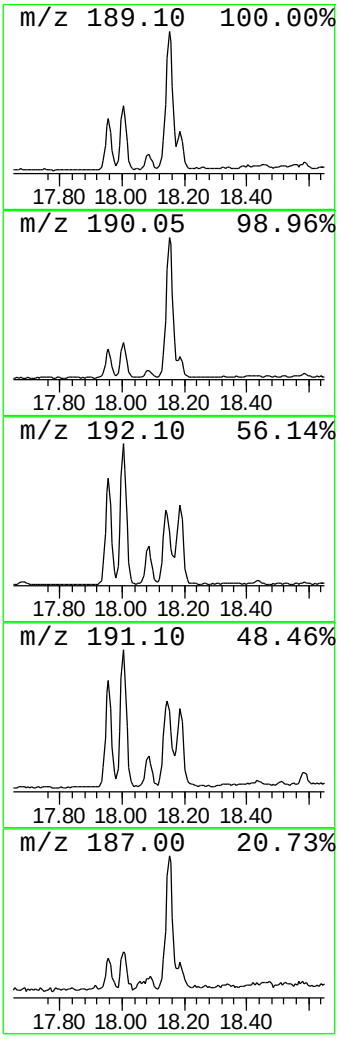
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.79 ng/ul	588168	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	35





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

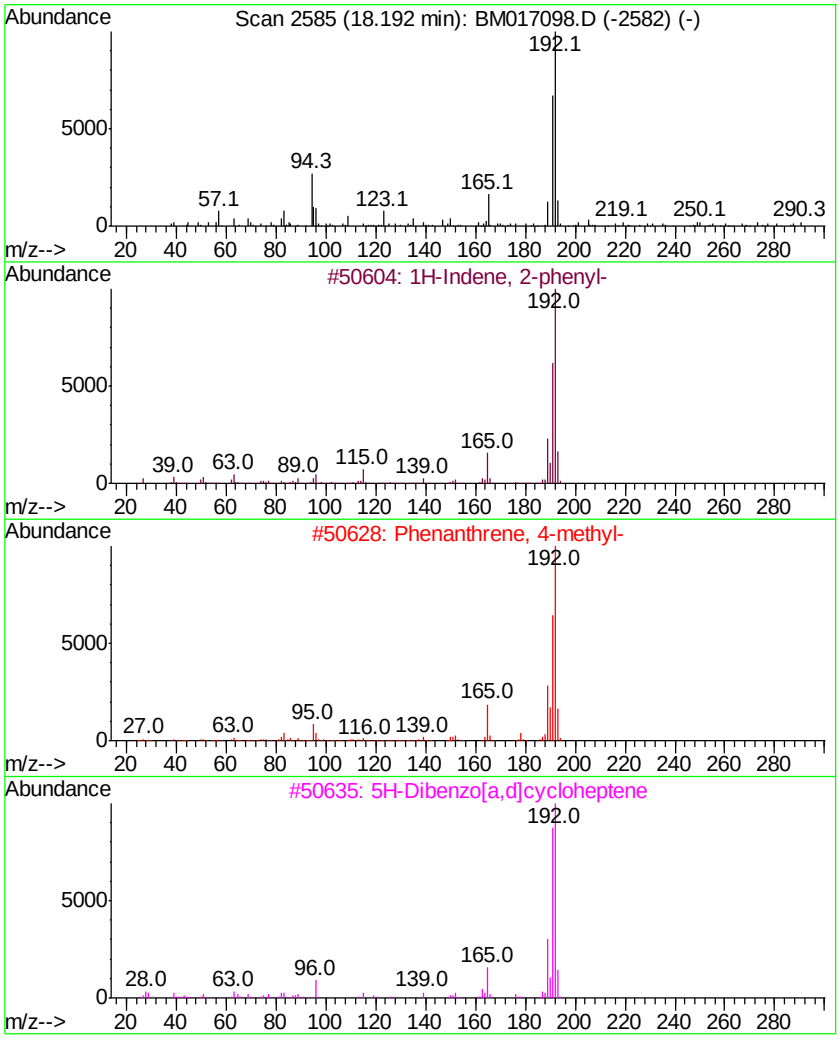
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

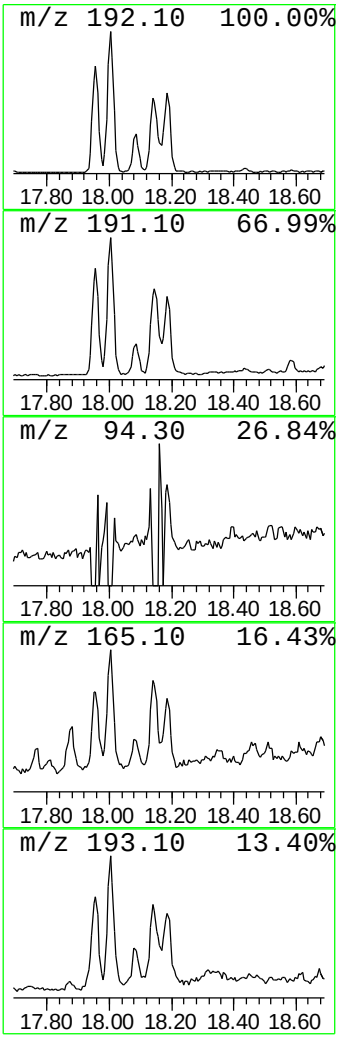
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.07 ng/ul	254028	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	62
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





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Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

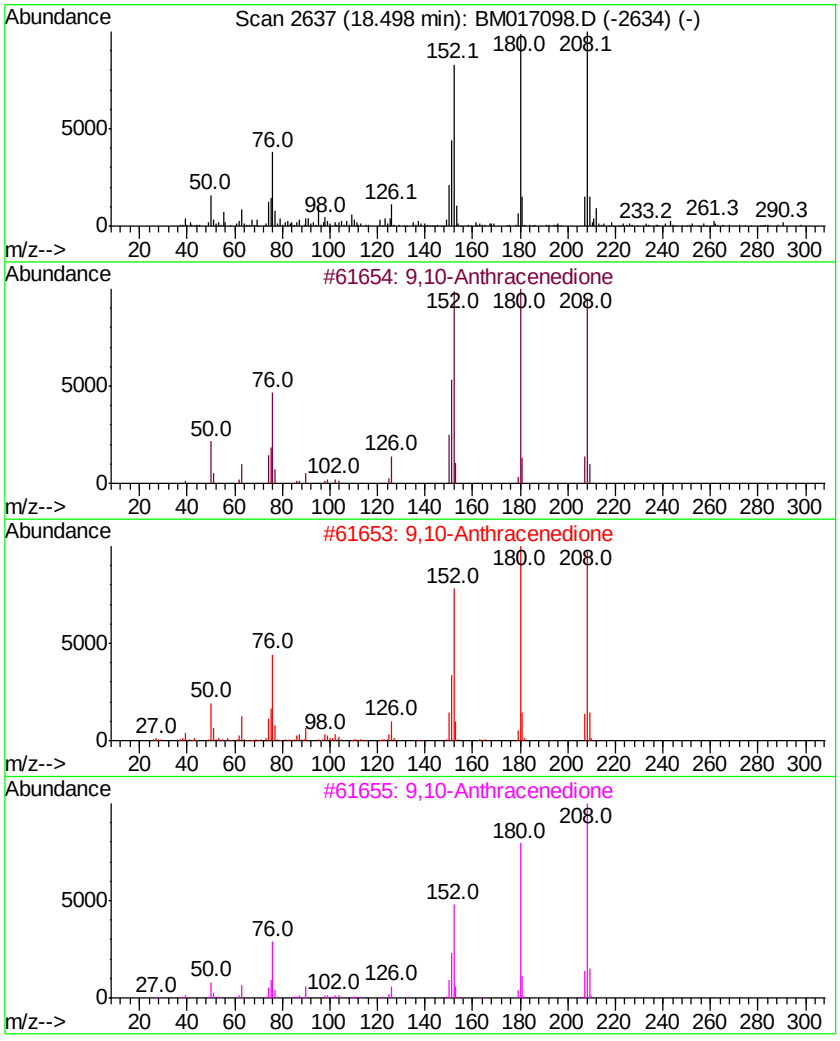
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

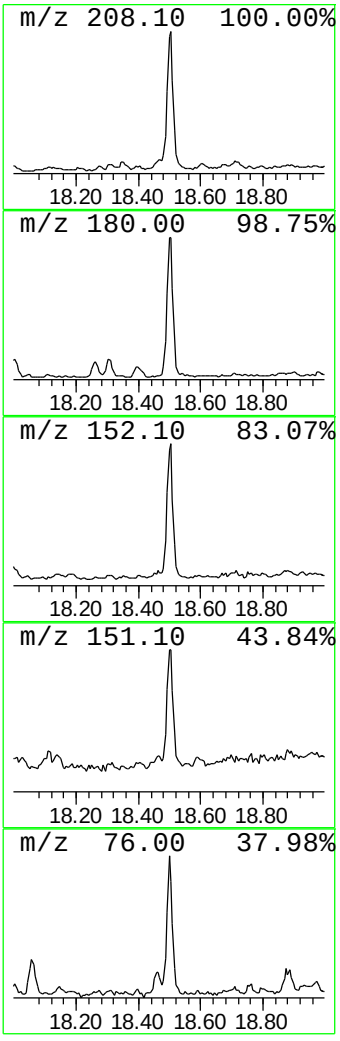
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.68 ng/ul	452105	Phenanthrene-d10	17.08

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	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70





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Data File : BM017098.D
Acq On : 10 Oct 2018 15:08
Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

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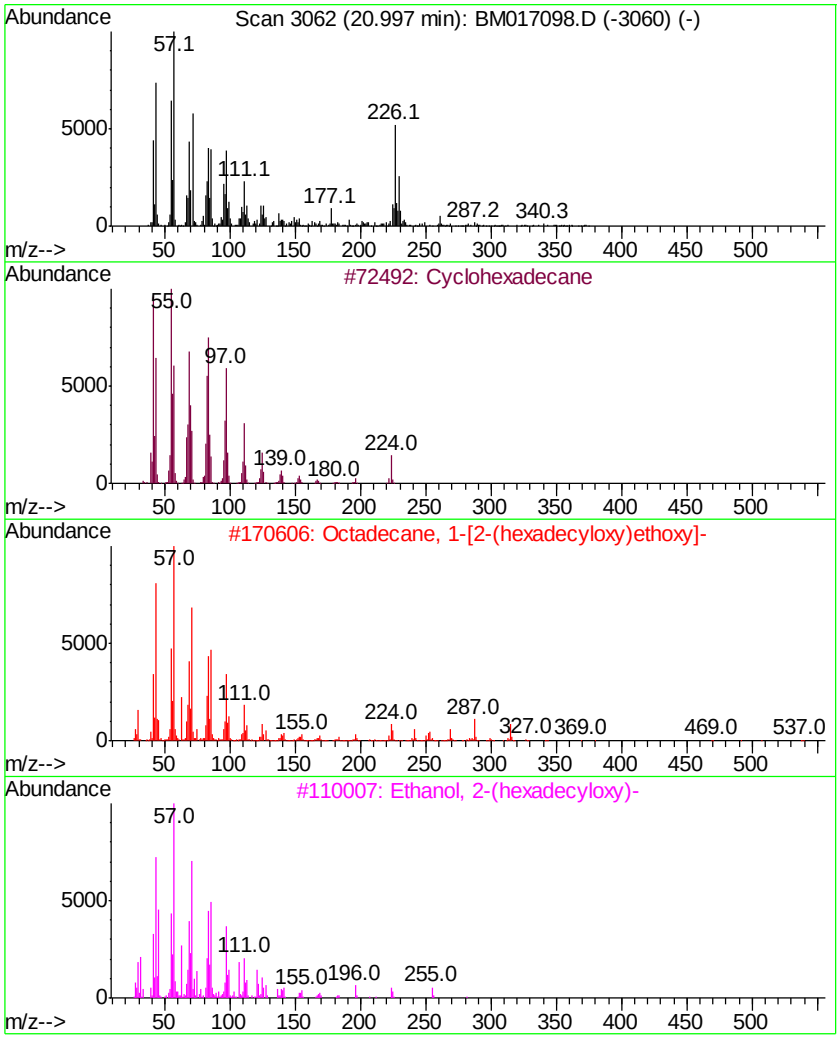
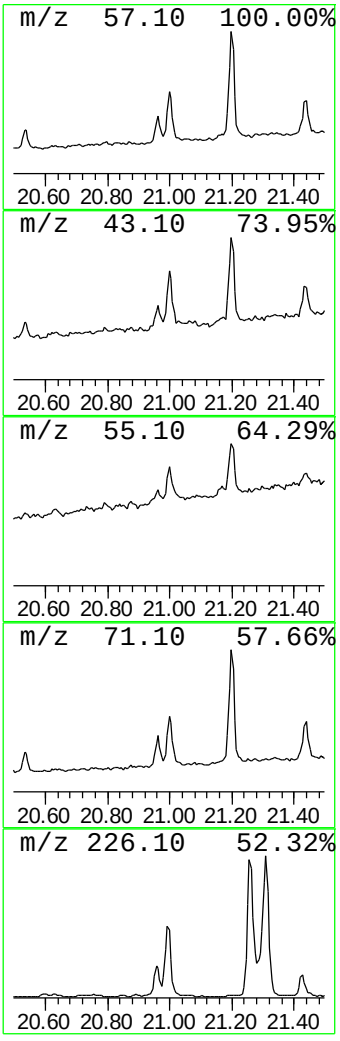
Peak Number 7 (DEL) Alkane: Cyclic21.00 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.04 ng/ul	775383	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	78
2	Octadecane, 1-[2-(hexadecyloxy)e...	539	C36H74O2	017367-10-1	62
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	58
4	Trihexadecyl borate	735	C48H99BO3	002665-11-4	53
5	2-Hexadecanol acetate	284	C18H36O2	037590-88-8	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101018\
Data File : BM017098.D
Acq On : 10 Oct 2018 15:08
Operator : MJ/SJ
Sample : J5295-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A3YY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.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
Benzenesulfonamid...	16.04	4.0	ng/ul	489046	4	17.08	2456840	20.0
Phenanthrene, 1-m...	17.96	2.9	ng/ul	357060	4	17.08	2456840	20.0
1H-Cyclopropa[l]p...	18.00	5.4	ng/ul	663599	4	17.08	2456840	20.0
4H-Cyclopenta[def...	18.15	4.8	ng/ul	588168	4	17.08	2456840	20.0
1H-Indene, 2-phenyl-	18.19	2.1	ng/ul	254028	4	17.08	2456840	20.0
9,10-Anthracenedione	18.50	3.7	ng/ul	452105	4	17.08	2456840	20.0
(DEL) Alkane: Cyc...	21.00	3.0	ng/ul	775383	5	21.27	5096430	20.0