LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028558.D
Acq On : 27 Jan 2021 01:36
Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-012521

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	313	316	322	rVB	4704	7040	1.04%	0.077%
2	5.569	399	405	417	rVB	241237	387685	57.04%	4.215%
3	7.240	680	689	702	rBV	214209	406683	59.84%	4.421%
4	7.992	805	817	824	rBV	153626	238679	35.12%	2.595%
5	9.169	1009	1017	1023	rBV	157339	260736	38.36%	2.835%
6	10.763	1284	1288	1290	rBV2	5905	9298	1.37%	0.101%
7	10.810	1290	1296	1301	rVV	184157	308715	45.42%	3.356%
8	10.857	1301	1304	1309	rVB	7219	10320	1.52%	0.112%
9	12.204	1529	1533	1541	rVB	9898	15105	2.22%	0.164%
10	12.463	1573	1577	1582	rVB	7509	10590	1.56%	0.115%
11	12.680	1607	1614	1624	rBV	10704	19325	2.84%	0.210%
12	13.157	1690	1695	1702	rVB	7628	11939	1.76%	0.130%
13	13.257	1706	1712	1720	rVB	369835	529817	77.95%	5.760%
14	13.445	1736	1744	1752	rBV2	18379	32103	4.72%	0.349%
15	13.798	1800	1804	1806	rBV2	7396	10133	1.49%	0.110%
16	13.957	1826	1831	1837	rBV3	14604	25848	3.80%	0.281%
17	14.010	1837	1840	1844	rVB2	11831	14851	2.19%	0.161%
18	14.092	1849	1854	1860	rVB2	21351	35930	5.29%	0.391%
19	14.192	1867	1871	1874	rBV2	6034	8983	1.32%	0.098%
20	14.221	1874	1876	1881	rVB4	5678	6938	1.02%	0.075%
21	14.357	1895	1899	1906	rBV	25032	39542	5.82%	0.430%
22	14.457	1912	1916	1921	rVB3	5501	9392	1.38%	0.102%
23	14.516	1921	1926	1934	rBV	24470	34028	5.01%	0.370%
24	14.598	1934	1940	1941	rBV3	5779	8879	1.31%	0.097%
25	14.633	1941	1946	1953	rVV	238437	362379	53.32%	3.940%
26	14.698	1953	1957	1965	rVB	38140	57240	8.42%	0.622%
27	14.851	1976	1983	1991	rVB5	5510	13195	1.94%	0.143%
28	14.951	1991	2000	2002	rBV8	5750	12680	1.87%	0.138%
29	15.027	2007	2013	2018	rBV2	24530	39092	5.75%	0.425%
30	15.104	2022	2026	2029	rBV	7622	10701	1.57%	0.116%
31	15.245	2045	2050	2055	rBV4	8674	16438	2.42%	0.179%
32	15.298	2056	2059	2063	rVB2	6108	8225	1.21%	0.089%
33	15.410	2073	2078	2082	rBV5	6777	13927	2.05%	0.151%
34	15.463	2082	2087	2091	rVB2	26850	34182	5.03%	0.372%
35	15.674	2118	2123	2135	rBV	44916	75466	11.10%	0.820%
36	15.845	2148	2152	2153	rBV4	6276	8383	1.23%	0.091%

LSC Area Percent Report

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Sample : M1228-01 2X
Misc :
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Instrument : BNA_M
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.868	2153	2156	2163	rVB3	10704	18485	2.72%	0.201%
38	15.962	2169	2172	2178	rVB3	9681	15487	2.28%	0.168%
39	16.080	2189	2192	2195	rBV3	5820	7321	1.08%	0.080%
40	16.127	2195	2200	2206	rBV	212323	309502	45.54%	3.365%
41	16.321	2228	2233	2235	rBV2	29620	43345	6.38%	0.471%
42	16.345	2235	2237	2245	rVB3	26325	32439	4.77%	0.353%
43	16.474	2257	2259	2264	rVB5	5283	6825	1.00%	0.074%
44	16.668	2286	2292	2297	rBV6	14006	33329	4.90%	0.362%
45	16.721	2297	2301	2307	rBV5	13557	25487	3.75%	0.277%
46	16.804	2307	2315	2325	rBV	121208	465729	68.52%	5.063%
47	17.104	2362	2366	2371	rBV4	34758	47099	6.93%	0.512%
48	17.368	2405	2411	2414	rBV	255784	373399	54.94%	4.060%
49	17.409	2414	2418	2424	rVB	282555	385195	56.67%	4.188%
50	17.498	2429	2433	2438	rVB	79616	103894	15.29%	1.130%
51	17.604	2446	2451	2466	rBV2	58273	166107	24.44%	1.806%
52	17.774	2477	2480	2486	rVB	28732	42664	6.28%	0.464%
53	17.839	2487	2491	2495	rVB	33459	40294	5.93%	0.438%
54	18.233	2554	2558	2563	rBV	46445	95791	14.09%	1.041%
55	18.280	2563	2566	2573	rVV	66682	97582	14.36%	1.061%
56	18.362	2576	2580	2585	rVB	21293	33734	4.96%	0.367%
57	18.427	2585	2591	2595	rBV3	72387	132275	19.46%	1.438%
58	18.462	2595	2597	2604	rVB	37143	43514	6.40%	0.473%
59	18.527	2604	2608	2612	rBV	35233	49768	7.32%	0.541%
60	18.727	2638	2642	2645	rBV2	28246	38595	5.68%	0.420%
61	18.774	2647	2650	2657	rVB3	24180	34253	5.04%	0.372%
62	19.021	2689	2692	2695	rBV	15475	17600	2.59%	0.191%
63	19.145	2708	2713	2717	rBV2	68980	121828	17.92%	1.325%
64	19.280	2733	2736	2740	rBV4	19434	35815	5.27%	0.389%
65	19.403	2752	2757	2762	rBV	429424	540076	79.46%	5.872%
66	19.727	2808	2812	2814	rBV	90982	116796	17.18%	1.270%
67	19.762	2814	2818	2826	rVB	364295	516053	75.93%	5.611%
68	19.956	2846	2851	2855	rVB	516804	608223	89.49%	6.613%
69	20.250	2898	2901	2905	rVB	111504	134773	19.83%	1.465%
70	20.350	2915	2918	2921	rVB	54684	57162	8.41%	0.621%
71	20.739	2982	2984	2991	rVB	51791	54118	7.96%	0.588%
72	21.197	3059	3062	3065	rBV2	86571	91785	13.50%	0.998%
73	21.497	3107	3113	3117	rBV2	374197	679668	100.00%	7.389%
74	21.533	3117	3119	3125	rVB	172395	196477	28.91%	2.136%
75	23.774	3497	3500	3505	rVB2	187516	290901	42.80%	3.163%

LSC Area Percent Report

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Acq On : 27 Jan 2021 01:36
Operator : CG/JU
Sample : M1228-01 2X
Misc :
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Instrument :
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ClientSampleId :
OK-01-012521

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 9197855

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Acq On : 27 Jan 2021 01:36
Operator : CG/JU
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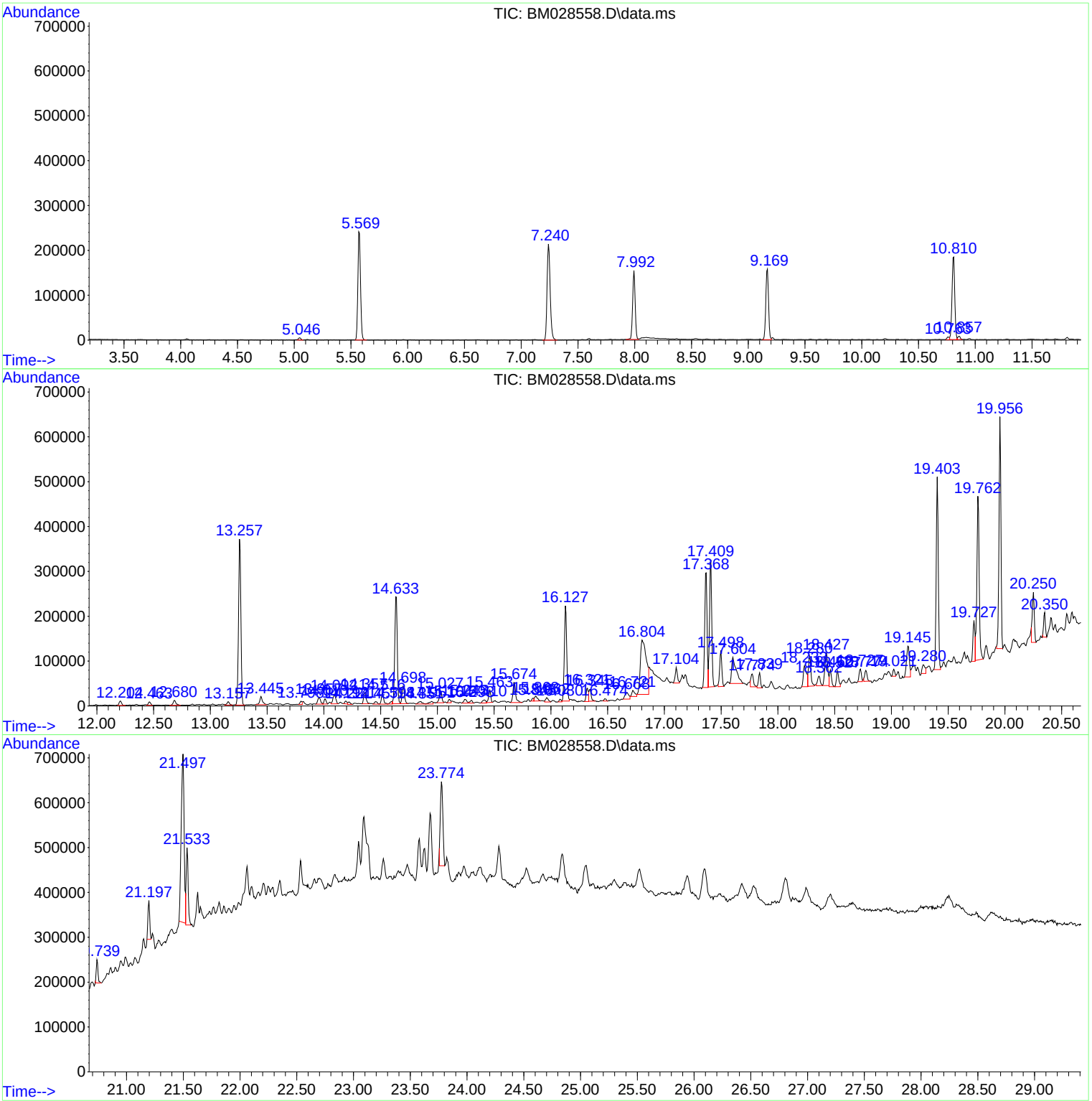
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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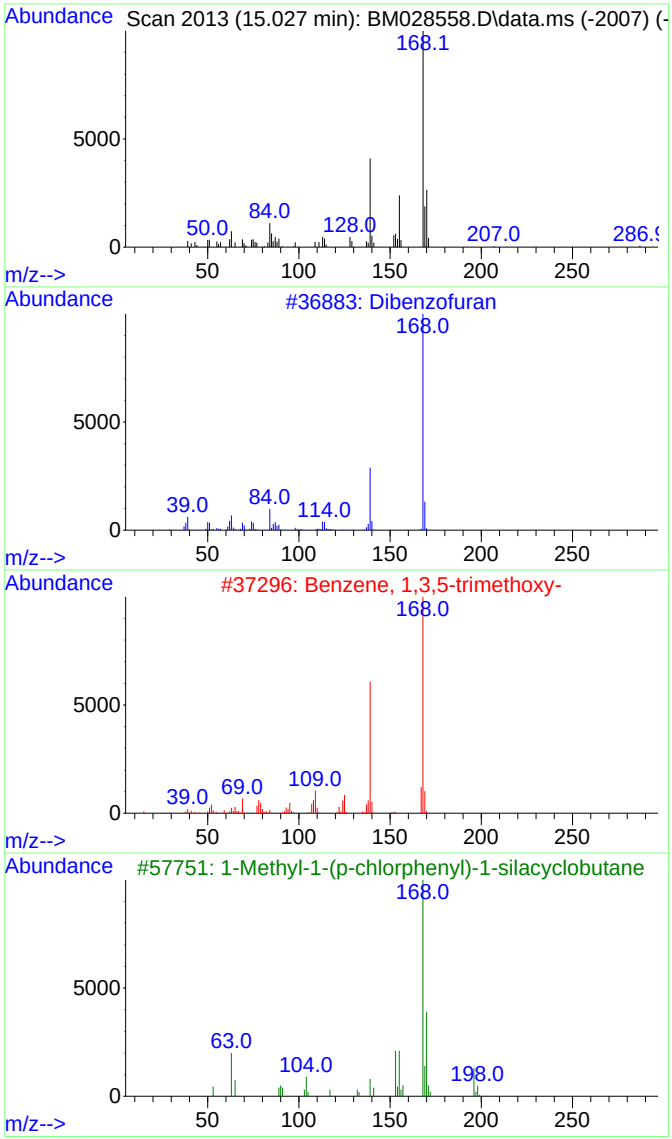
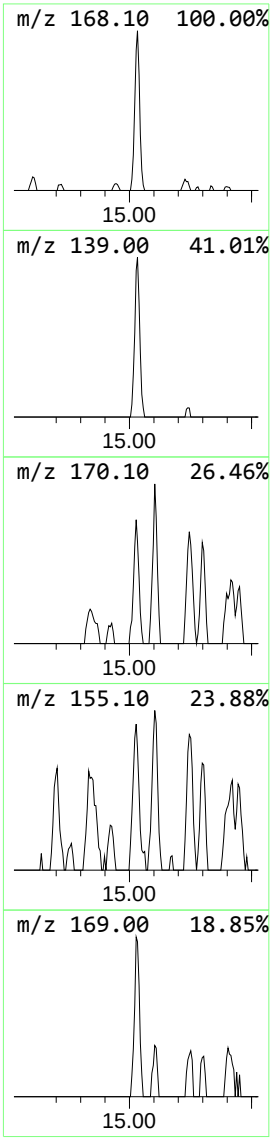
Peak Number 1 Benzene, 1,3,5-trimethoxy- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.027	2.16 ng	39092	Acenaphthene-d10	14.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	86
2	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	50
3	1-Methyl-1-(p-chlorphenyl)-1-sil...	196	C10H13ClSi	057465-49-3	45
4	1-Naphthalenecarbonitrile, 4-amino-	168	C11H8N2	058728-64-6	43
5	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
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Sample : M1228-01 2X
Misc :
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
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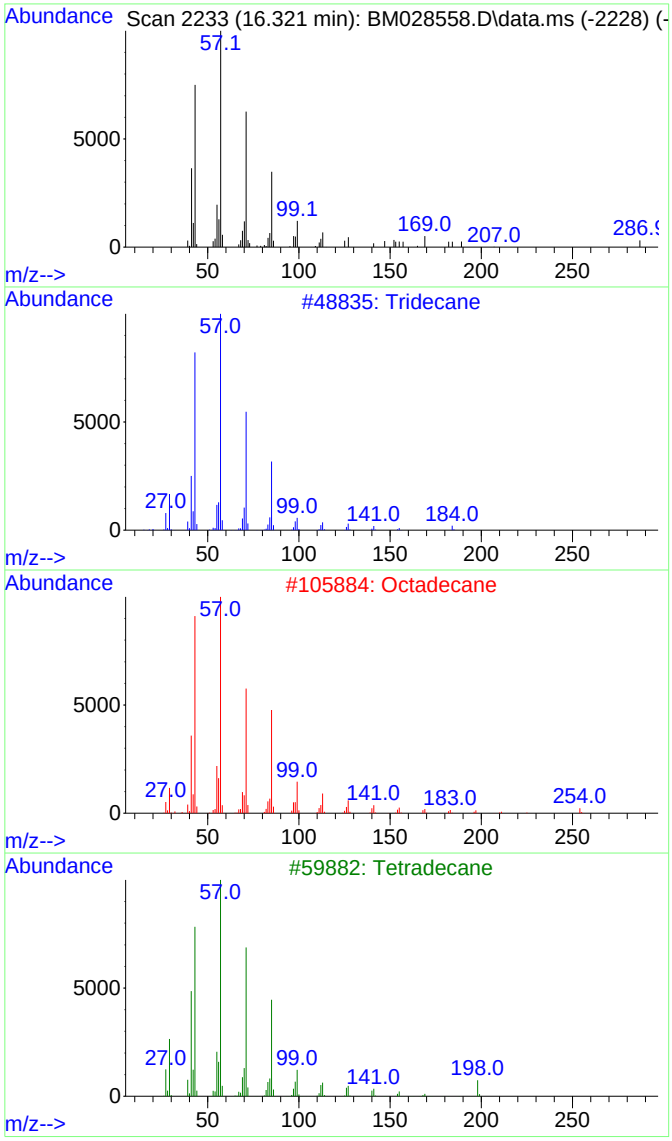
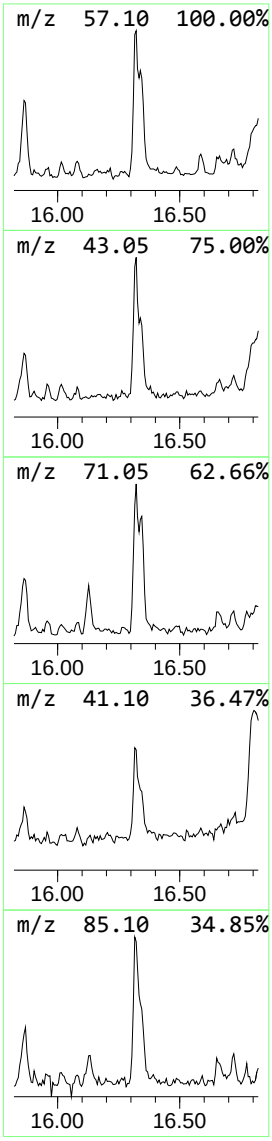
Peak Number 2 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.321	2.32 ng	43345	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Octadecane	254	C18H38	000593-45-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028558.D
Acq On : 27 Jan 2021 01:36
Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-012521

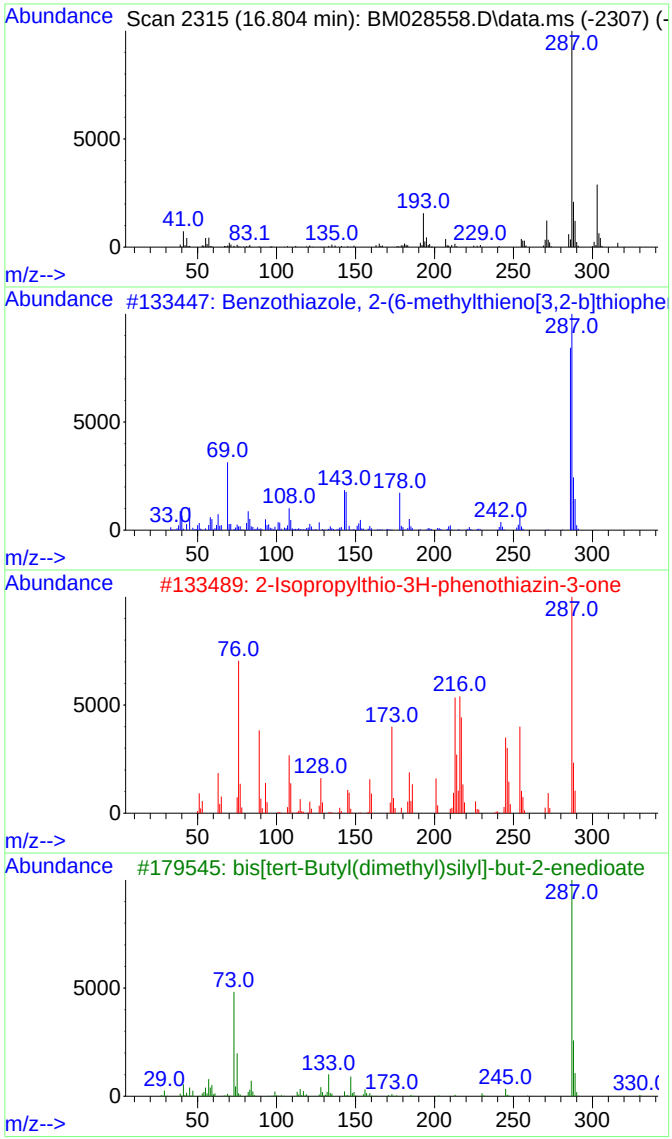
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

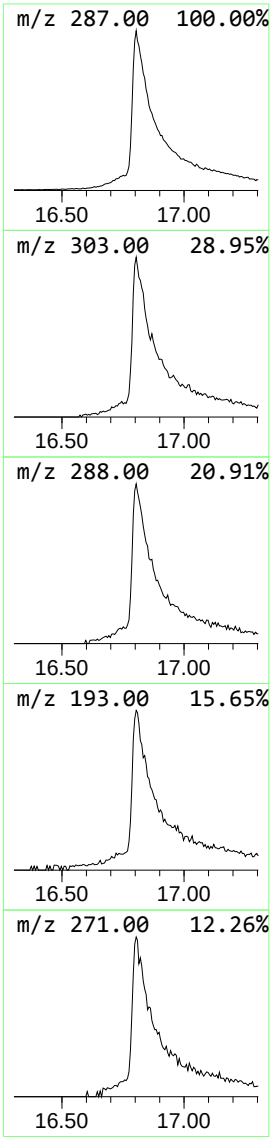
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzothiazole, 2-(6-methylt... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	24.95 ng	465729	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 2-(6-methylthieno...	287	C14H9NS3	1000276-71-2	50
2	2-Isopropylthio-3H-phenothiazin-...	287	C15H13NOS2	090712-90-6	50
3	bis[tert-Butyl(dimethyl)silyl]-b...	344	C16H32O4Si2	1000332-85-4	40
4	N'-(2-Furylmethylene)-2-hydroxyb...	344	C18H24N2O3Si	1000332-05-4	40
5	Benzenamine, 3-methyl-N,N-bis(3-...	287	C21H21N	1000327-29-4	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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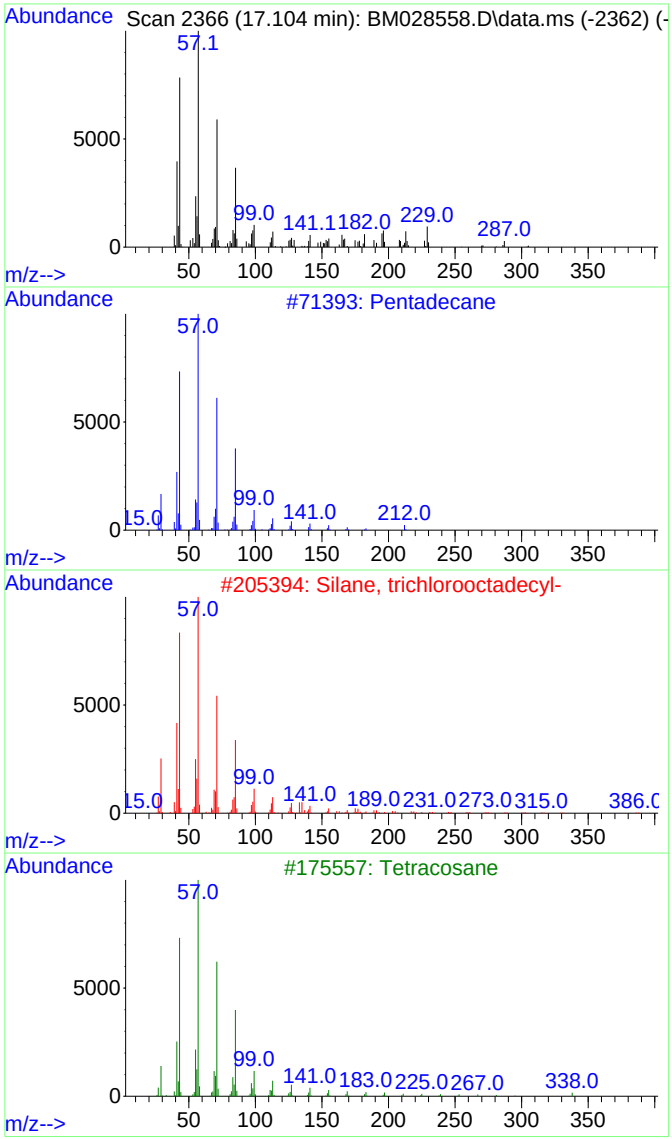
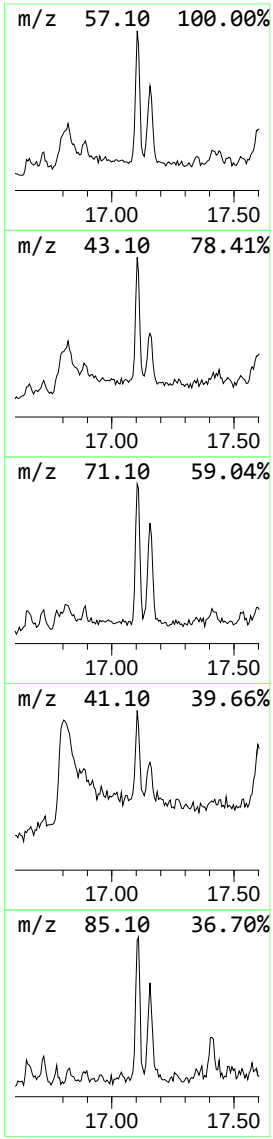
Peak Number 4 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	2.52 ng	47099	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	76
3	Tetracosane	338	C24H50	000646-31-1	68
4	Hexadecane	226	C16H34	000544-76-3	68
5	Octadecane	254	C18H38	000593-45-3	68





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TIC Library : C:\DATABASE\NIST11.L
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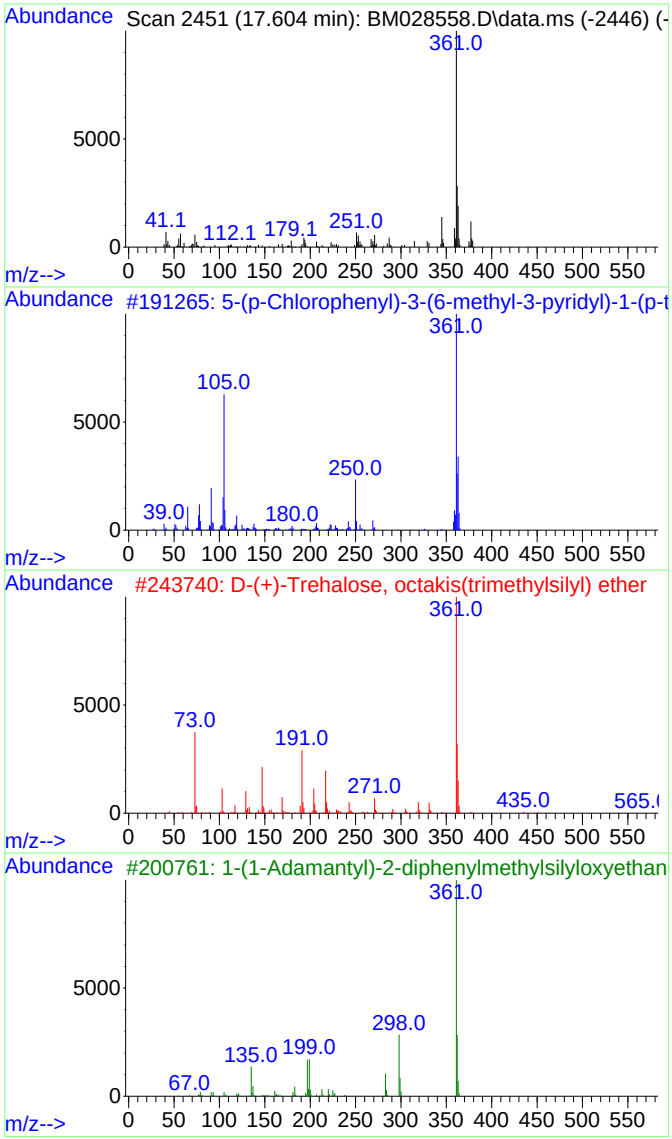
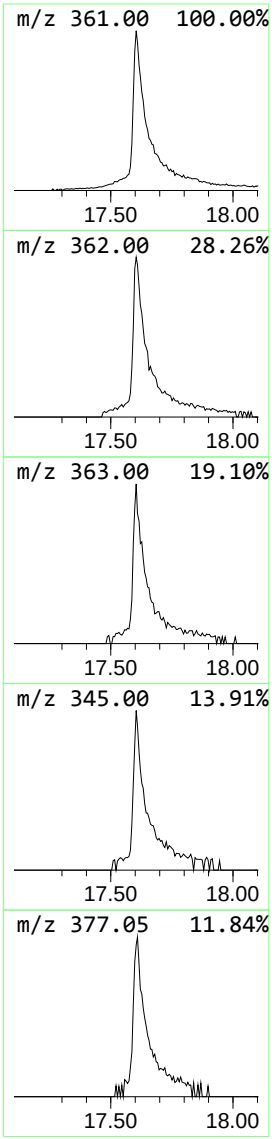
Peak Number 5 unknown17.604 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.604	8.90 ng	166107	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(p-Chlorophenyl)-3-(6-methyl-3...	361	C22H20ClN3	010040-67-2	47
2	D-(+)-Trehalose, octakis(trimeth...	918	C36H86O11Si8	1000380-43-8	9
3	1-(1-Adamantyl)-2-diphenylmethyl...	376	C25H32OSi	1000283-12-4	9
4	Methyl 2-[4-chlorophenyl]-6-meth...	361	C18H13Cl2NO3	1000257-14-7	8
5	Bisacodyl	361	C22H19NO4	000603-50-9	7





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

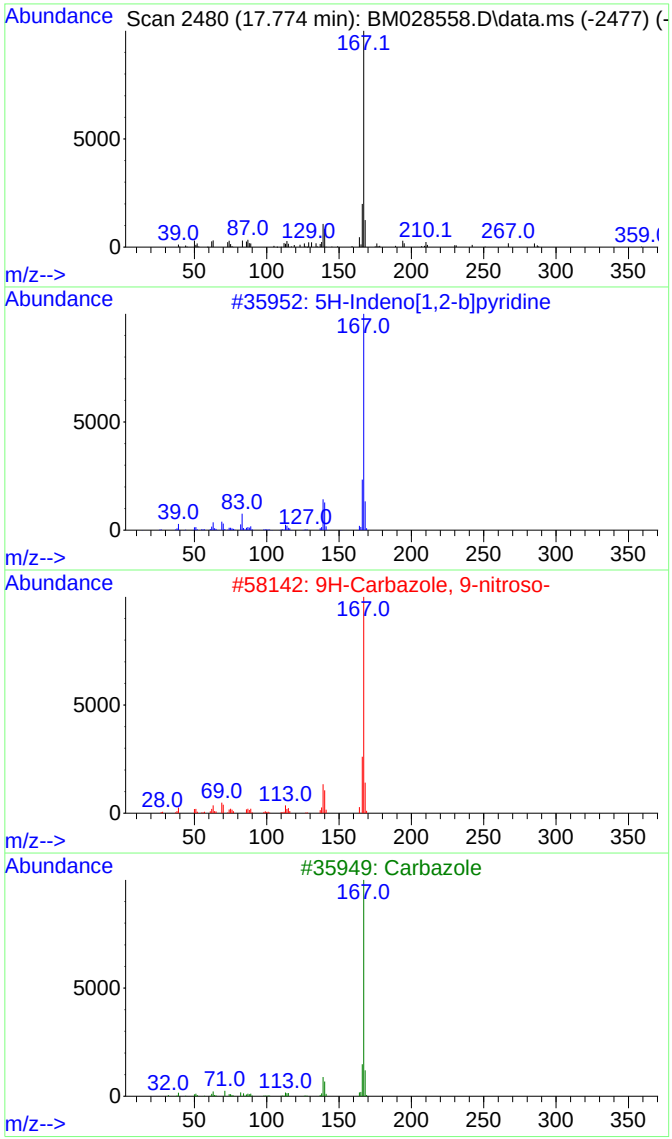
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

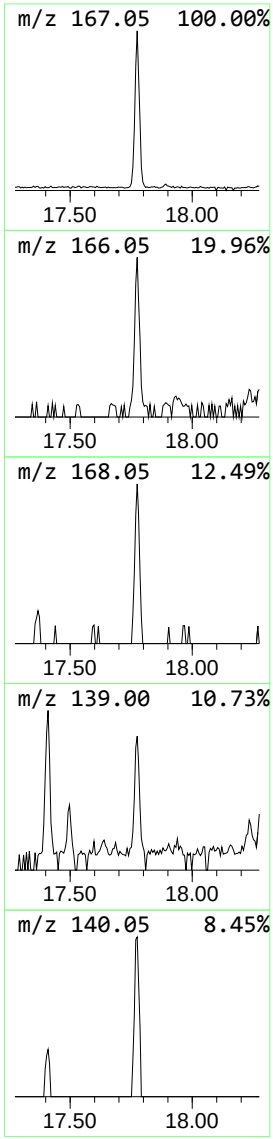
****

Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.774	2.29 ng	42664	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
2	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90
3	Carbazole	167	C12H9N	000086-74-8	90
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83
5	2-Azafluorene	167	C12H9N	000244-40-6	78





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Data File : BM028558.D
Acq On : 27 Jan 2021 01:36
Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

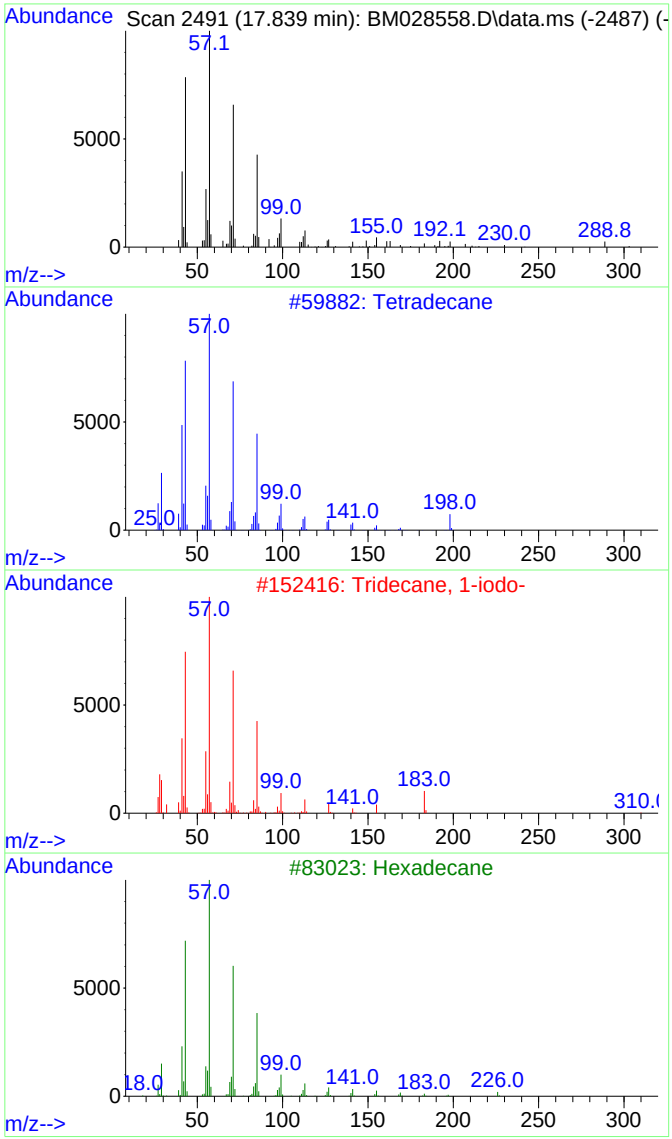
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

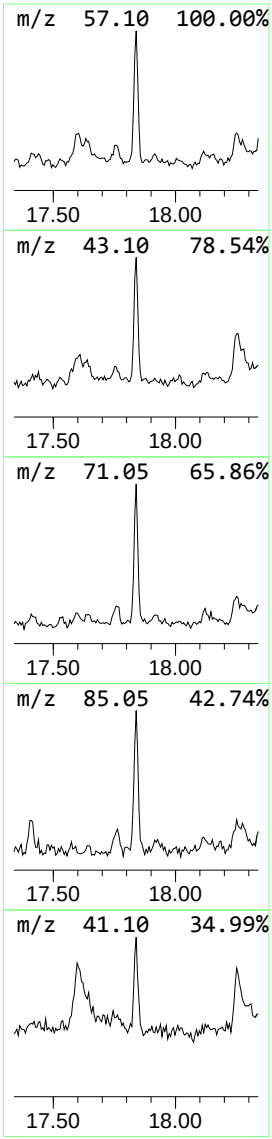
****

Peak Number 7 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	2.16 ng	40294	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	86





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Acq On : 27 Jan 2021 01:36
Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

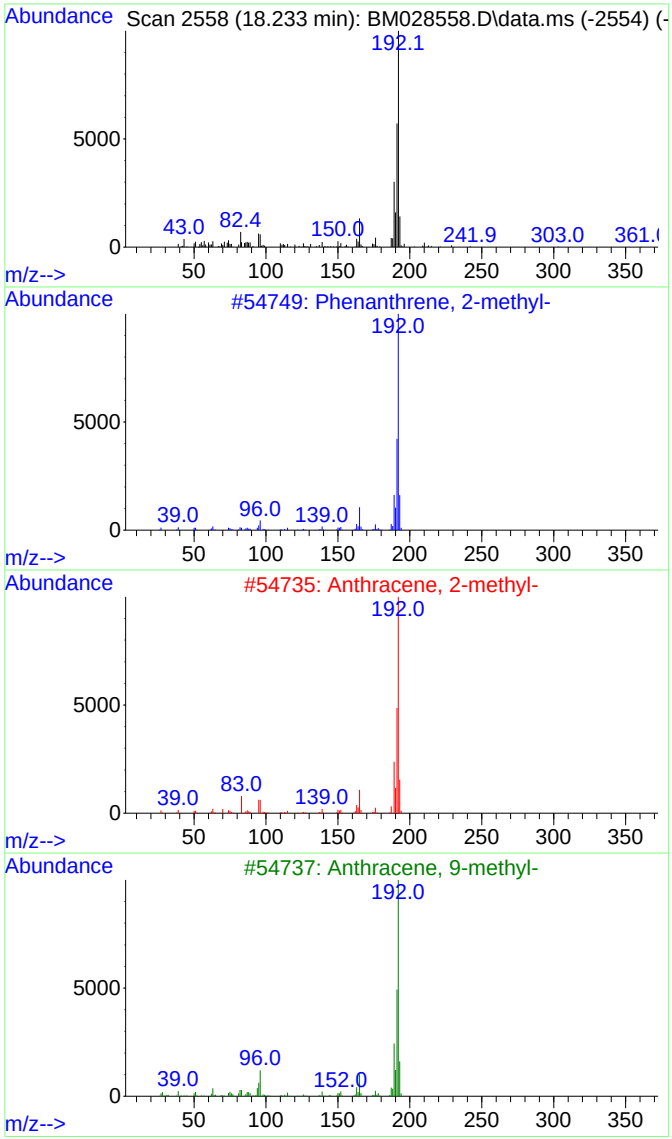
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

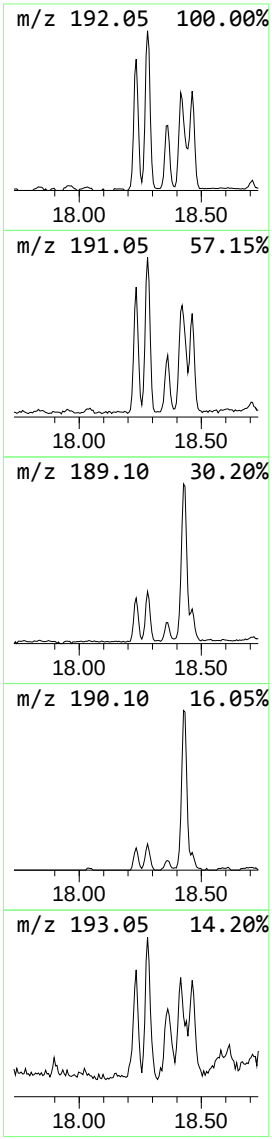
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	5.13 ng	95791	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

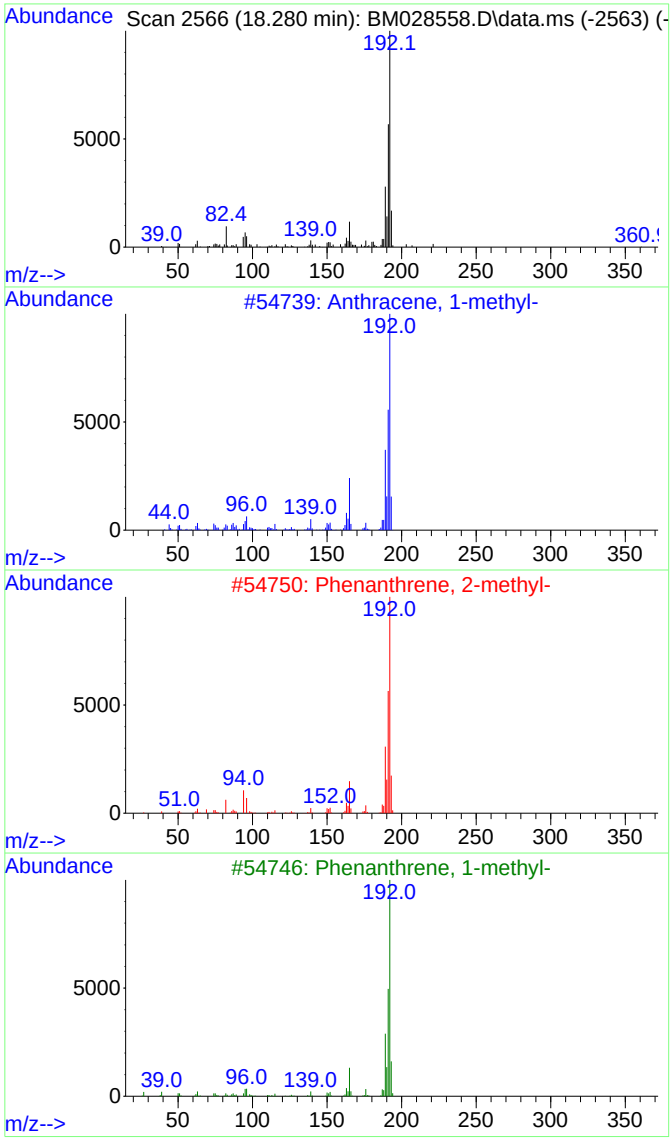
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

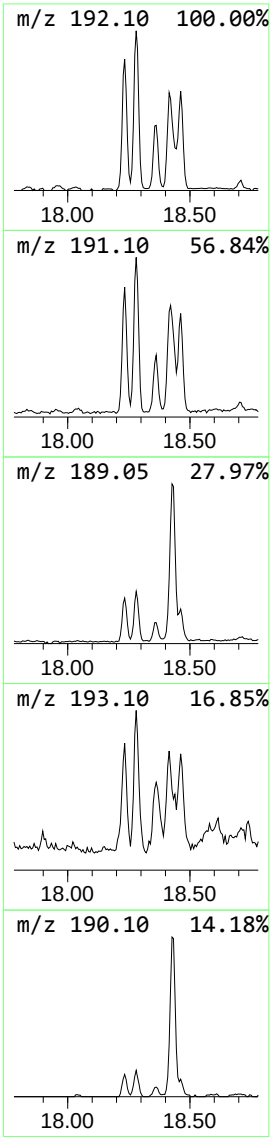
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	5.23 ng	97582	Phenanthrene-d10	17.368

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 27 Jan 2021 01:36
Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-012521

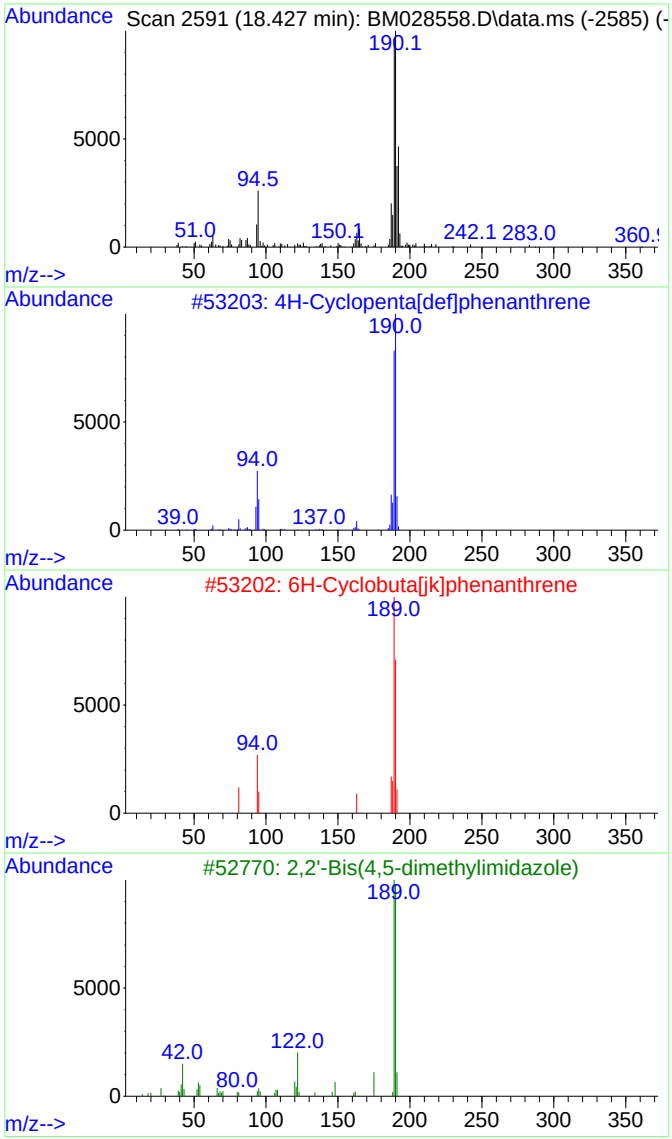
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

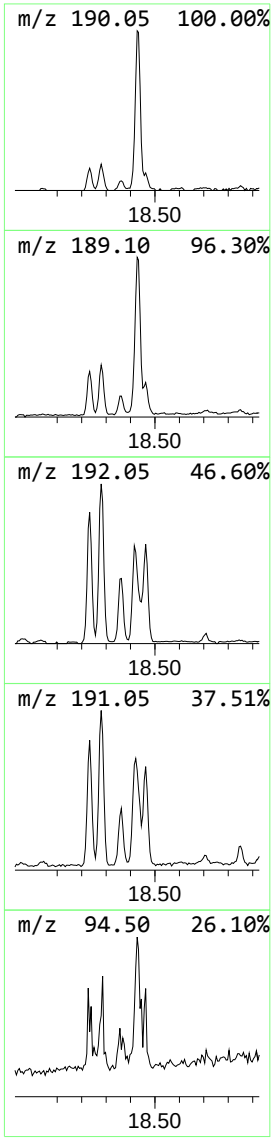
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	7.08 ng	132275	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	36
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	33





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Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-012521

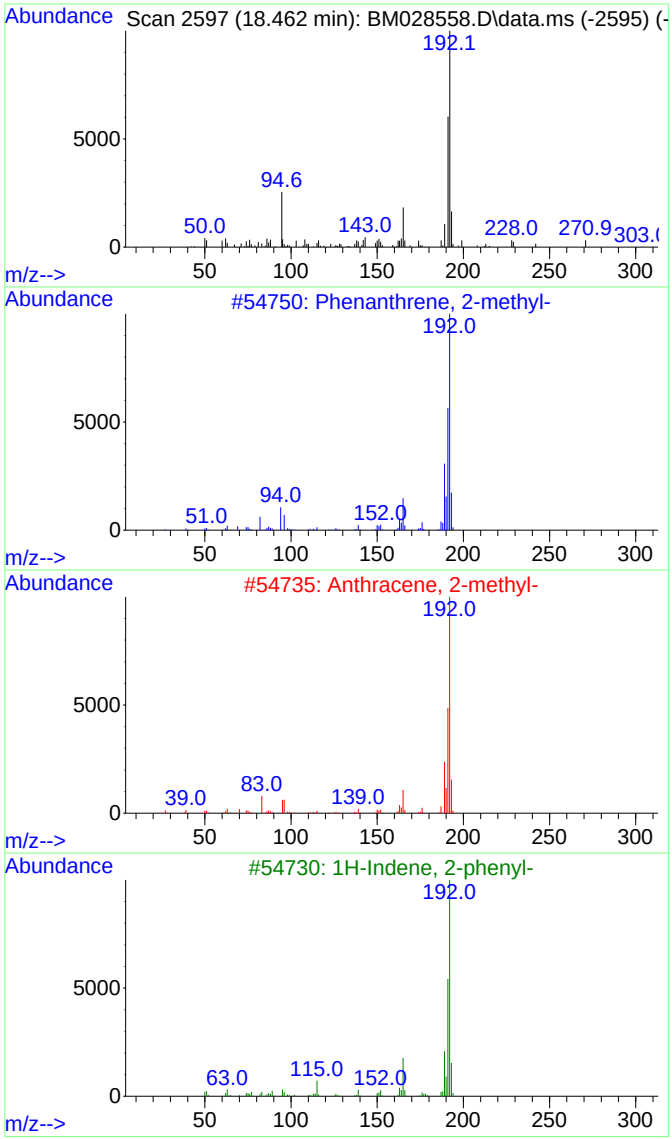
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

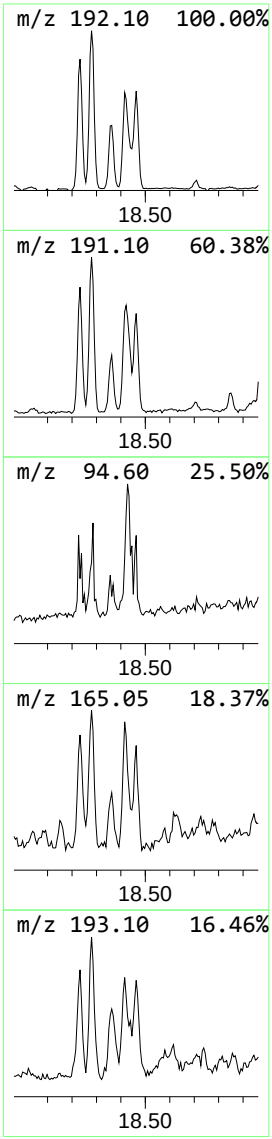
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.462	2.33 ng	43514	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





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Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

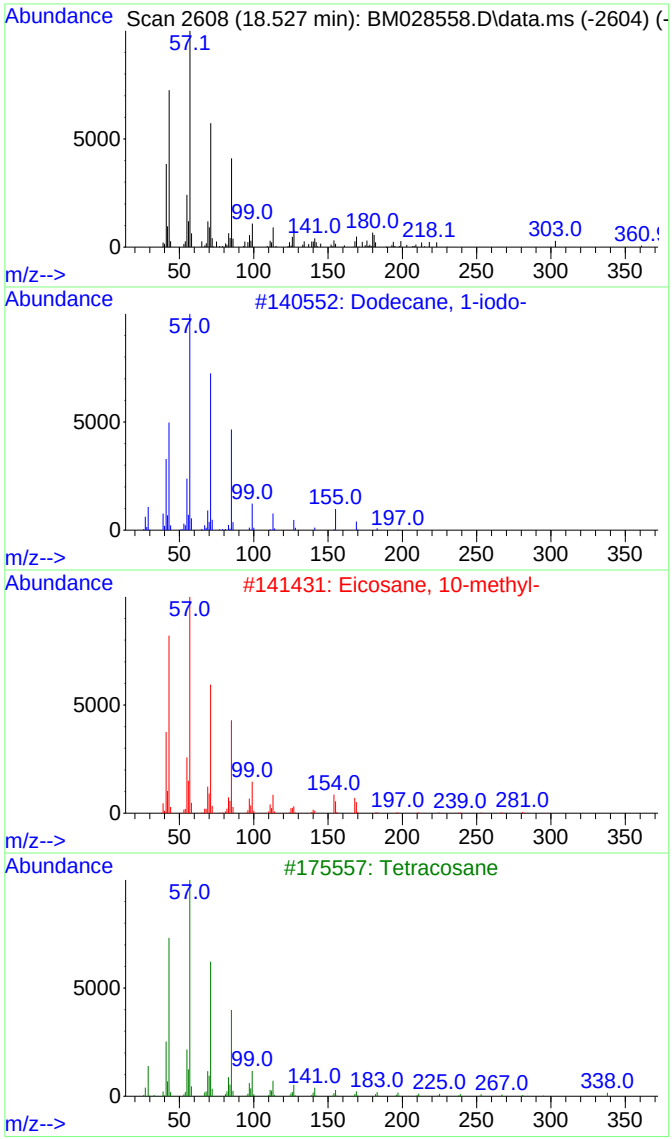
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

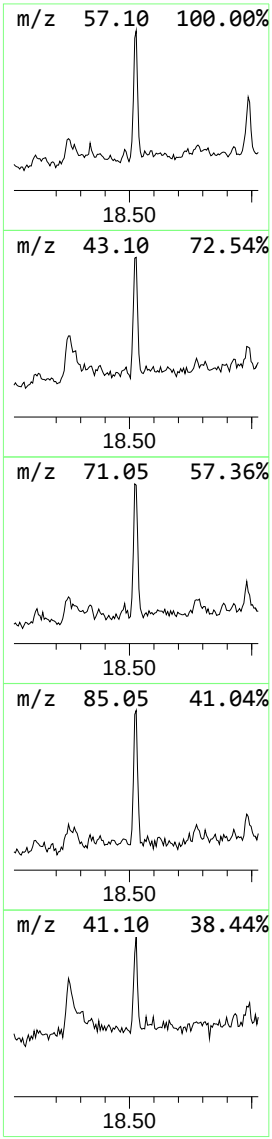
****

Peak Number 12 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	2.67 ng	49768	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Tetracosane	338	C24H50	000646-31-1	83
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80





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Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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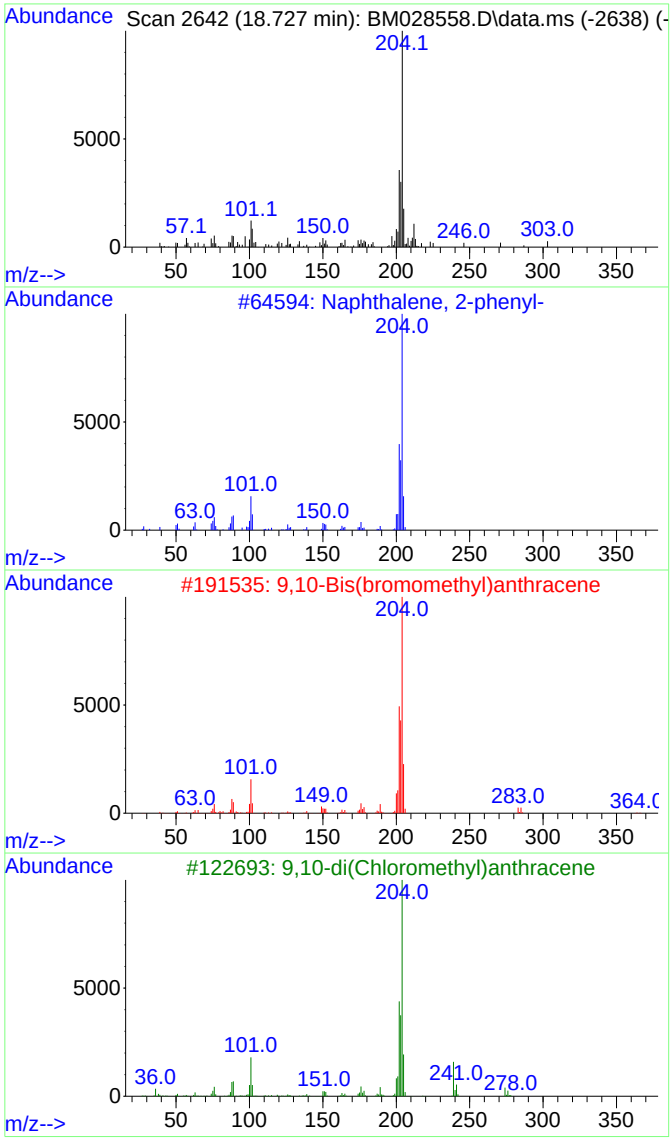
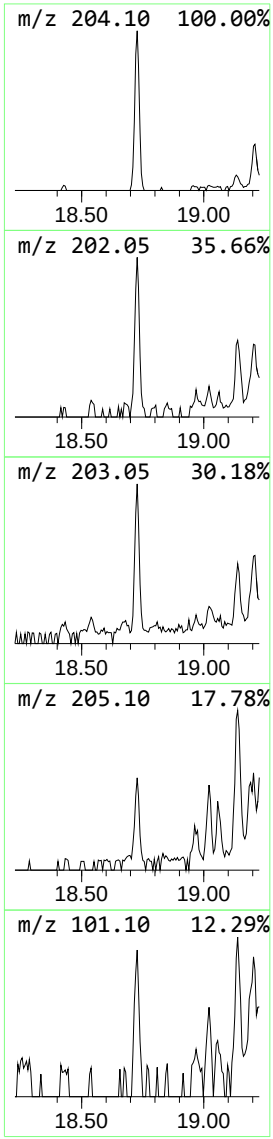
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	2.07 ng	38595	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	83
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72





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Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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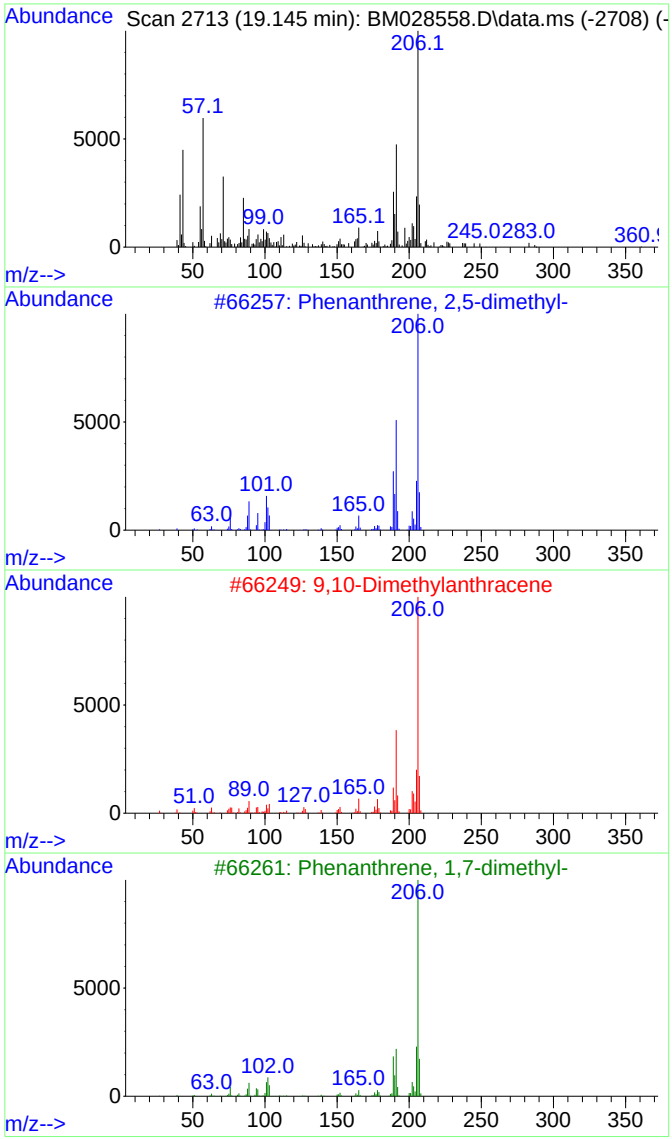
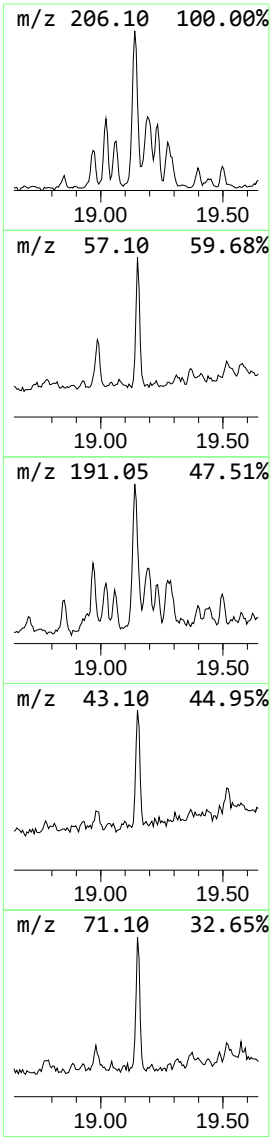
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	6.53 ng	121828	Phenanthrene-d10	17.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	76





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Operator : CG/JU
Sample : M1228-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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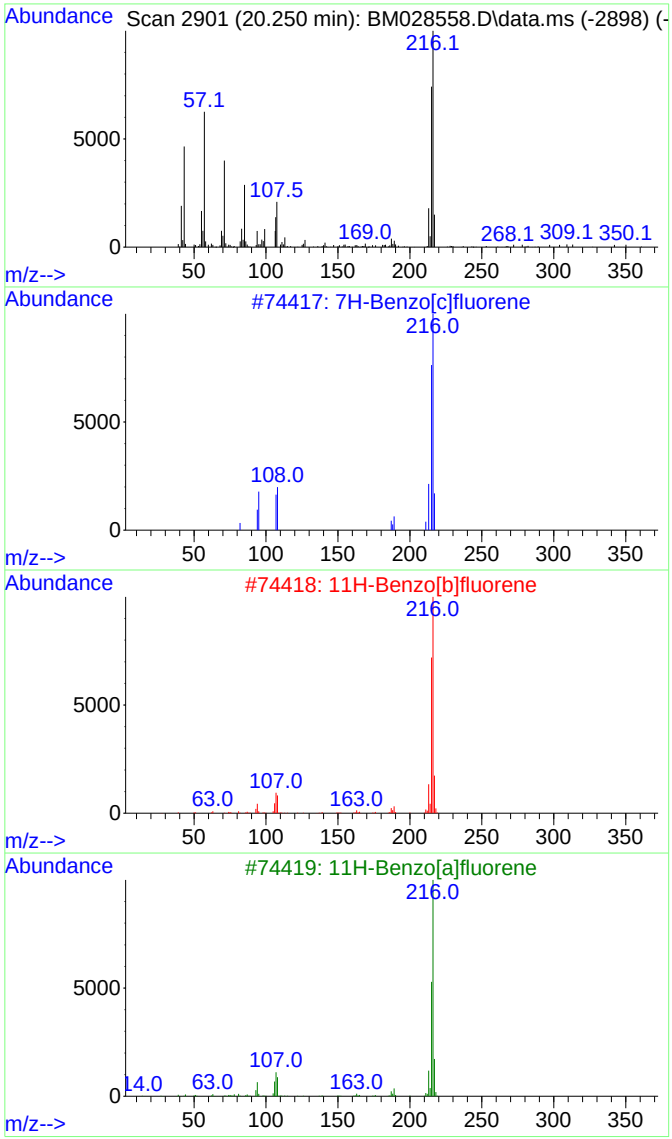
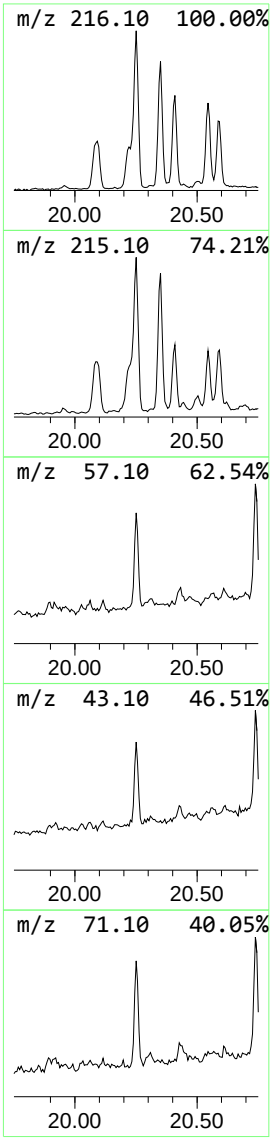
Peak Number 15 7H-Benzo[c]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.250	3.97 ng	134773	Chrysene-d12	21.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	50
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-012521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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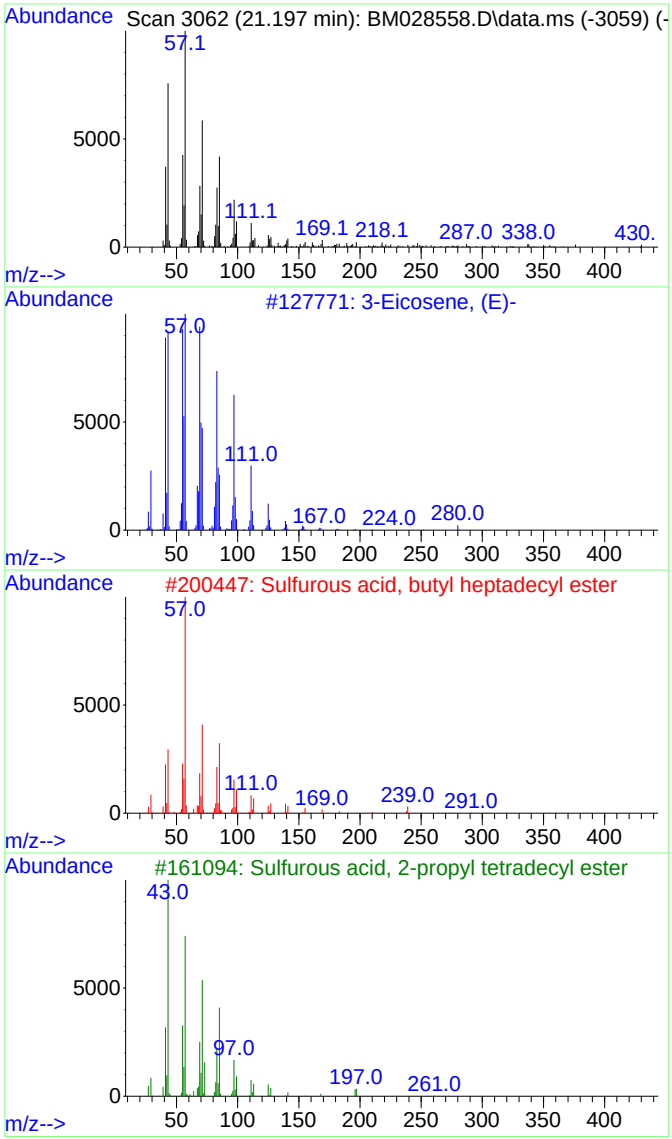
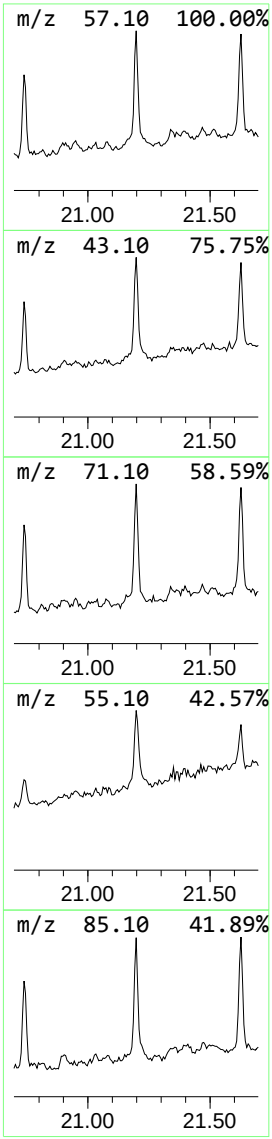
****
Peak Number 16 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.197	2.70 ng	91785	Chrysene-d12	21.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	90
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	87
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	86
5	Tetracosane	338	C24H50	000646-31-1	86





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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, 1,3,5-...	15.027	2.2	ng	39092	3	14.633	362379	20.0
Tridecane	16.321	2.3	ng	43345	4	17.368	373399	20.0
Benzothiazole, ...	16.804	24.9	ng	465729	4	17.368	373399	20.0
Pentadecane	17.104	2.5	ng	47099	4	17.368	373399	20.0
unknown17.604	17.604	8.9	ng	166107	4	17.368	373399	20.0
5H-Indeno[1,2-b...	17.774	2.3	ng	42664	4	17.368	373399	20.0
Tetradecane	17.839	2.2	ng	40294	4	17.368	373399	20.0
Phenanthrene, 2...	18.233	5.1	ng	95791	4	17.368	373399	20.0
Anthracene, 1-m...	18.280	5.2	ng	97582	4	17.368	373399	20.0
4H-Cyclopenta[d...	18.427	7.1	ng	132275	4	17.368	373399	20.0
1H-Indene, 2-ph...	18.462	2.3	ng	43514	4	17.368	373399	20.0
Dodecane, 1-iodo-	18.527	2.7	ng	49768	4	17.368	373399	20.0
Naphthalene, 2-...	18.727	2.1	ng	38595	4	17.368	373399	20.0
Phenanthrene, 2...	19.145	6.5	ng	121828	4	17.368	373399	20.0
7H-Benzo[c]fluo...	20.250	4.0	ng	134773	5	21.497	679668	20.0
3-Eicosene, (E)-	21.197	2.7	ng	91785	5	21.497	679668	20.0