LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007399.D
Acq On : 03 Sep 2016 10:10
Operator : UM/SJ
Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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	6.787	705	714	719	rBV4	46796	85643	1.09%	0.084%
2	6.963	735	744	760	rBV	599133	1092796	13.94%	1.072%
3	7.128	766	772	778	rBV	428556	657320	8.39%	0.645%
4	7.328	800	806	815	rVB	594397	964173	12.30%	0.945%
5	7.792	876	885	894	rBV	628454	1059558	13.52%	1.039%
6	8.492	998	1004	1012	rBV	748666	1193647	15.23%	1.170%
7	8.945	1074	1081	1088	rBV	592285	1011860	12.91%	0.992%
8	9.063	1096	1101	1105	rBV	58826	87401	1.12%	0.086%
9	9.663	1196	1203	1215	rBV	526209	948170	12.10%	0.930%
10	9.992	1253	1259	1267	rBV6	45194	94855	1.21%	0.093%
11	10.198	1282	1294	1302	rBV	829511	1452897	18.54%	1.425%
12	10.581	1348	1359	1363	rBV	973665	1763788	22.51%	1.730%
13	10.628	1363	1367	1375	rVB	258693	426204	5.44%	0.418%
14	10.716	1375	1382	1392	rBV	317237	636002	8.12%	0.624%
15	11.598	1526	1532	1538	rBV	74625	112098	1.43%	0.110%
16	11.998	1592	1600	1607	rBV	59757	94301	1.20%	0.092%
17	12.239	1635	1641	1656	rVB2	269785	557237	7.11%	0.546%
18	12.457	1671	1678	1685	rBV	170840	278260	3.55%	0.273%
19	13.251	1805	1813	1820	rBV2	159920	289123	3.69%	0.284%
20	13.586	1864	1870	1871	rBV2	76691	112085	1.43%	0.110%
21	13.745	1892	1897	1902	rBV	177961	308667	3.94%	0.303%
22	13.798	1902	1906	1907	rVV	128450	167683	2.14%	0.164%
23	13.833	1907	1912	1916	rVV	1712361	2434635	31.06%	2.387%
24	13.880	1916	1920	1928	rVB	1683346	2374123	30.29%	2.328%
25	13.980	1933	1937	1941	rVV	71190	88534	1.13%	0.087%
26	14.116	1954	1960	1971	rVB	1856154	2999663	38.27%	2.941%
27	14.321	1991	1995	2002	rVB	125493	168165	2.15%	0.165%
28	14.427	2002	2013	2019	rBV2	1661975	2825982	36.06%	2.771%
29	14.510	2024	2027	2032	rVB2	58584	85147	1.09%	0.083%
30	14.627	2040	2047	2056	rBV	673863	1180189	15.06%	1.157%
31	14.721	2056	2063	2068	rVV7	75740	175472	2.24%	0.172%
32	14.780	2068	2073	2076	rVV6	63165	124821	1.59%	0.122%
33	14.821	2076	2080	2087	rVV	484254	777825	9.92%	0.763%
34	14.898	2087	2093	2097	rVV	82882	136811	1.75%	0.134%

LSC Area Percent Report

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Acq On : 03 Sep 2016 10:10
Operator : UM/SJ
Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Title : SVOA CALIBRATION

35	14.939	2097	2100	2109	rVB9	37954	78547	1.00%	0.077%
36	15.045	2113	2118	2122	rVV2	78111	131338	1.68%	0.129%
37	15.092	2122	2126	2131	rVB	91599	121507	1.55%	0.119%
38	15.210	2141	2146	2150	rBV5	97717	168248	2.15%	0.165%
39	15.274	2153	2157	2162	rVB	178661	230968	2.95%	0.226%
40	15.416	2174	2181	2186	rBV	2480691	3633799	46.37%	3.563%
41	15.463	2186	2189	2193	rVB2	104623	137435	1.75%	0.135%
42	15.539	2193	2202	2209	rBV	782944	1167246	14.89%	1.145%
43	15.680	2219	2226	2233	rVB5	103047	240241	3.07%	0.236%
44	15.768	2233	2241	2246	rVB	180532	307984	3.93%	0.302%
45	15.915	2259	2266	2273	rVB	189072	451491	5.76%	0.443%
46	16.004	2273	2281	2286	rVB5	73799	174764	2.23%	0.171%
47	16.133	2298	2303	2305	rBV	315932	436596	5.57%	0.428%
48	16.704	2396	2400	2404	rBV3	121635	209333	2.67%	0.205%
49	16.745	2404	2407	2410	rVB2	74167	96270	1.23%	0.094%
50	16.821	2415	2420	2427	rVV	528620	782767	9.99%	0.768%
51	16.927	2428	2438	2444	rVV2	1220660	1987285	25.36%	1.949%
52	16.986	2445	2448	2457	rVV3	193509	347840	4.44%	0.341%
53	17.062	2458	2461	2468	rVB7	46351	89970	1.15%	0.088%
54	17.168	2473	2479	2483	rBV	2423611	3649936	46.57%	3.579%
55	17.209	2483	2486	2491	rVB	1422782	1786355	22.79%	1.752%
56	17.268	2491	2496	2500	rBV	2820120	4088252	52.16%	4.009%
57	17.351	2507	2510	2515	rVB4	80796	129837	1.66%	0.127%
58	17.480	2529	2532	2538	rVB2	150868	220337	2.81%	0.216%
59	17.574	2541	2548	2551	rBV	226776	379676	4.84%	0.372%
60	17.662	2559	2563	2566	rBV	243501	283935	3.62%	0.278%
61	17.745	2573	2577	2581	rBV	175886	240738	3.07%	0.236%
62	17.845	2591	2594	2598	rVB3	63226	87351	1.11%	0.086%
63	17.998	2617	2620	2624	rBV	204128	277947	3.55%	0.273%
64	18.062	2624	2631	2633	rBV2	1049986	1687406	21.53%	1.655%
65	18.227	2655	2659	2664	rBV3	320237	495247	6.32%	0.486%
66	18.268	2664	2666	2672	rVB	237433	332139	4.24%	0.326%
67	18.351	2676	2680	2684	rBV3	352826	483894	6.17%	0.475%
68	18.392	2684	2687	2690	rVV3	122044	174614	2.23%	0.171%
69	18.433	2691	2694	2699	rVB4	143827	201064	2.57%	0.197%
70	18.545	2709	2713	2716	rBV	408134	544936	6.95%	0.534%
71	18.586	2716	2720	2729	rVB	682302	984785	12.57%	0.966%

LSC Area Percent Report

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Acq On : 03 Sep 2016 10:10
Operator : UM/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : BD395

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Title : SVOA CALIBRATION

72	18.839	2760	2763	2766	rBV	134499	158917	2.03%	0.156%
73	18.880	2767	2770	2774	rVB	186014	222590	2.84%	0.218%
74	18.968	2779	2785	2791	rBV3	524501	1276524	16.29%	1.252%
75	19.051	2796	2799	2803	rVB	177017	214178	2.73%	0.210%
76	19.103	2803	2808	2815	rBV2	470650	773576	9.87%	0.759%
77	19.221	2824	2828	2835	rVB	2585504	3638167	46.42%	3.568%
78	19.286	2836	2839	2843	rBV	201918	266780	3.40%	0.262%
79	19.339	2843	2848	2851	rBV3	282254	436039	5.56%	0.428%
80	19.562	2880	2886	2889	rBV2	4344439	6670320	85.11%	6.541%
81	19.592	2889	2891	2898	rVB	1598272	1878091	23.96%	1.842%
82	19.662	2899	2903	2908	rVB3	351887	501377	6.40%	0.492%
83	19.903	2940	2944	2953	rBV4	335087	947879	12.09%	0.929%
84	20.045	2964	2968	2970	rBV4	215218	357702	4.56%	0.351%
85	20.380	3023	3025	3029	rBV2	190632	257290	3.28%	0.252%
86	20.598	3058	3062	3065	rBV	383317	481467	6.14%	0.472%
87	20.833	3098	3102	3108	rVB	907988	1211502	15.46%	1.188%
88	21.056	3137	3140	3148	rVB3	994124	1533723	19.57%	1.504%
89	21.127	3149	3152	3159	rVB	555997	715815	9.13%	0.702%
90	21.350	3184	3190	3194	rBV2	4406682	7837235	100.00%	7.685%
91	21.386	3194	3196	3206	rVB	1661325	2226479	28.41%	2.183%
92	22.939	3452	3460	3465	rBV2	2134082	4994021	63.72%	4.897%
93	23.427	3539	3543	3547	rBV	847439	1388694	17.72%	1.362%
94	23.480	3547	3552	3557	rVB2	2783410	4546471	58.01%	4.458%
95	23.621	3570	3576	3582	rBV	2204262	4189791	53.46%	4.109%
96	24.133	3660	3663	3674	rVB	803547	1645794	21.00%	1.614%

Sum of corrected areas: 101977635

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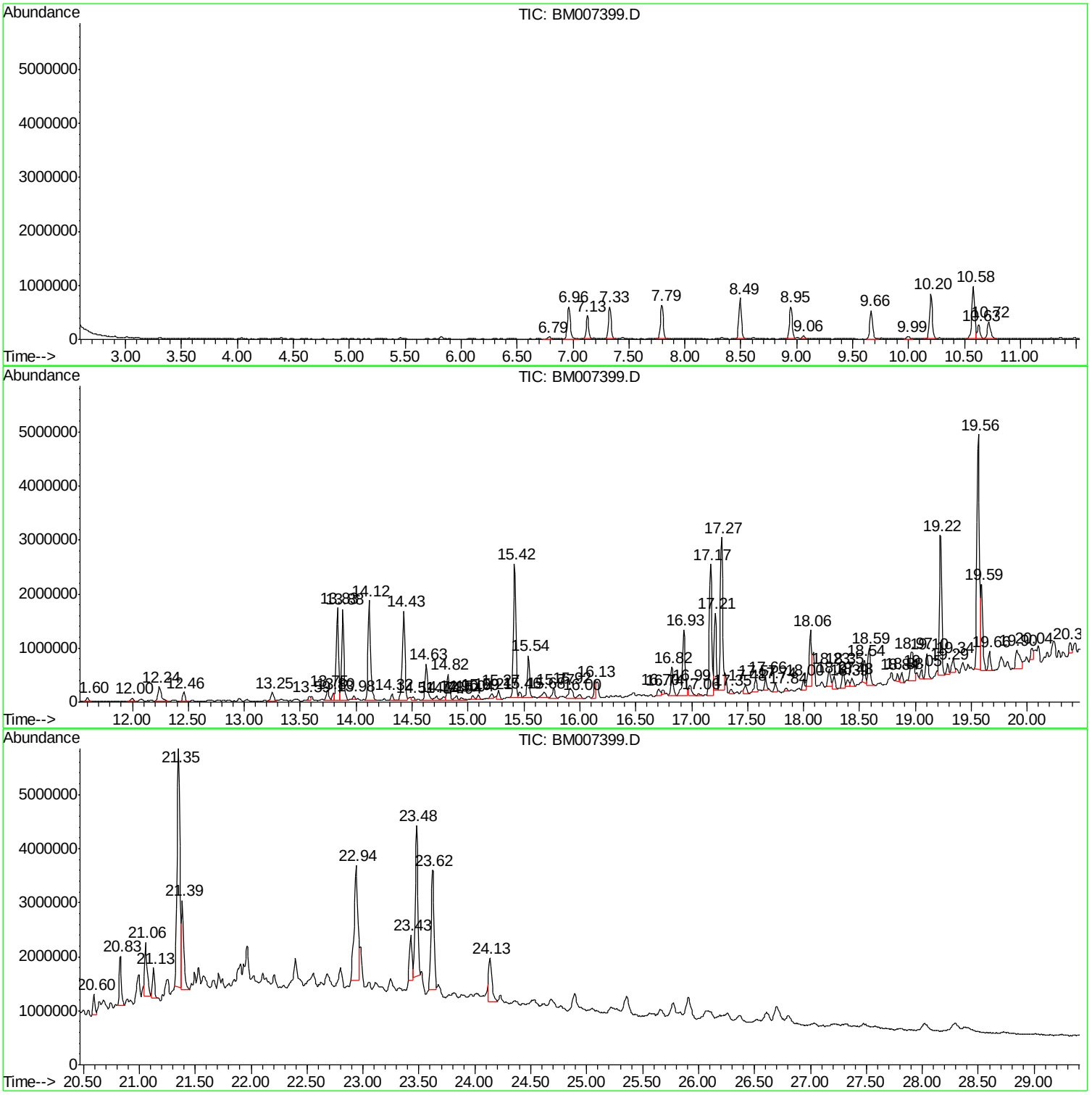
Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD395

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM007399.D
Acq On : 03 Sep 2016 10:10
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

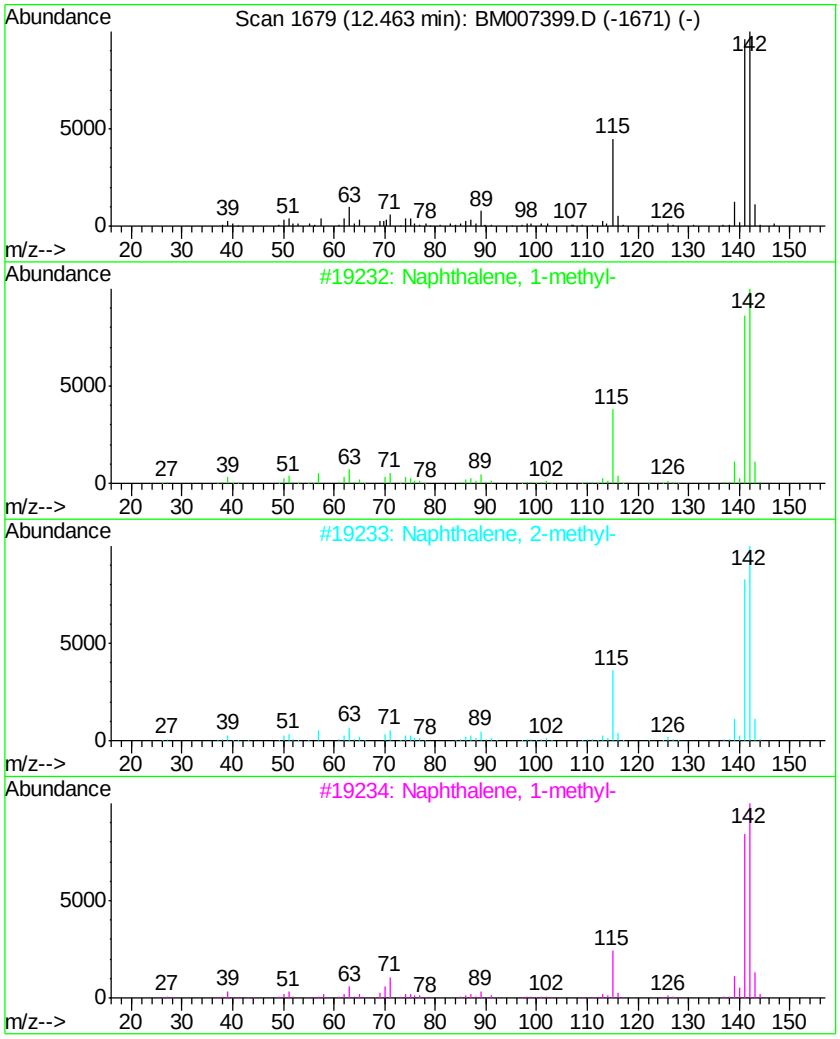
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

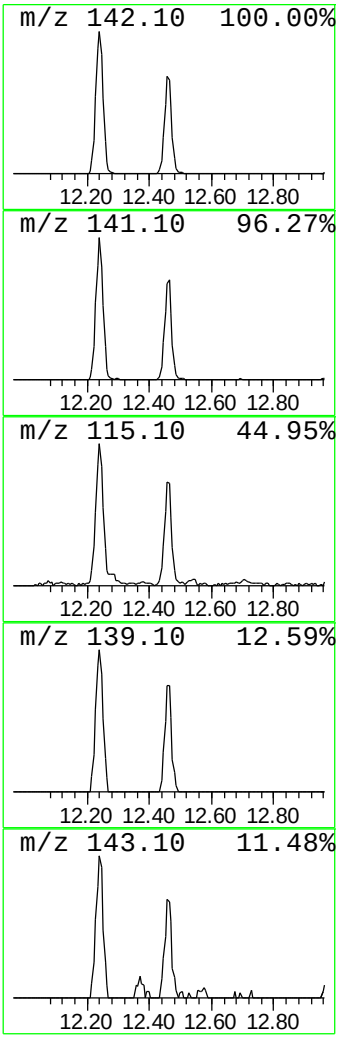
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.16 ng/ul	278260	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007399.D
Acq On : 03 Sep 2016 10:10
Operator : UM/SJ
Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

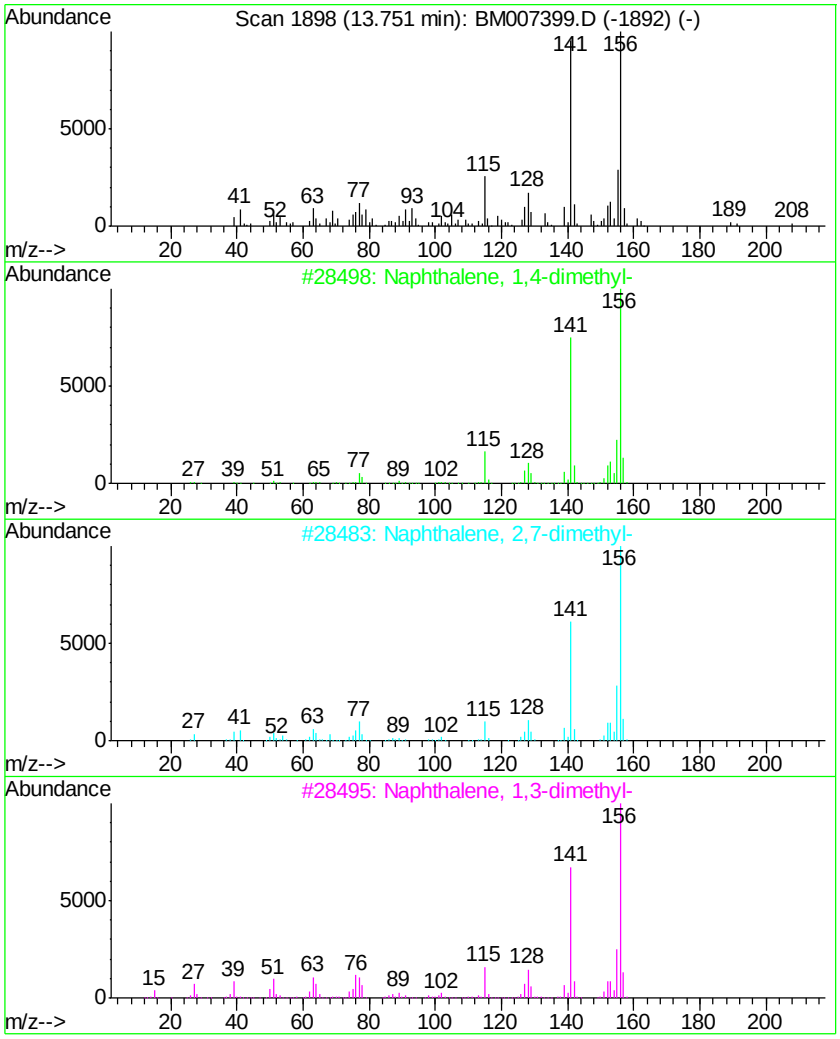
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

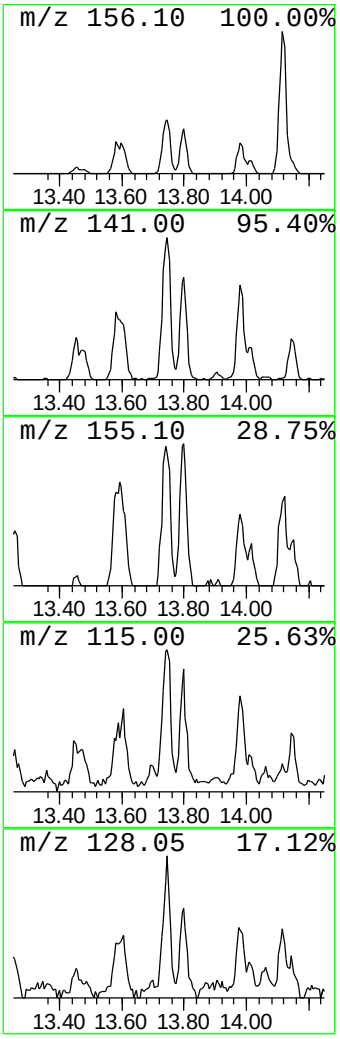
****

Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.18 ng/ul	308667	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007399.D
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Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

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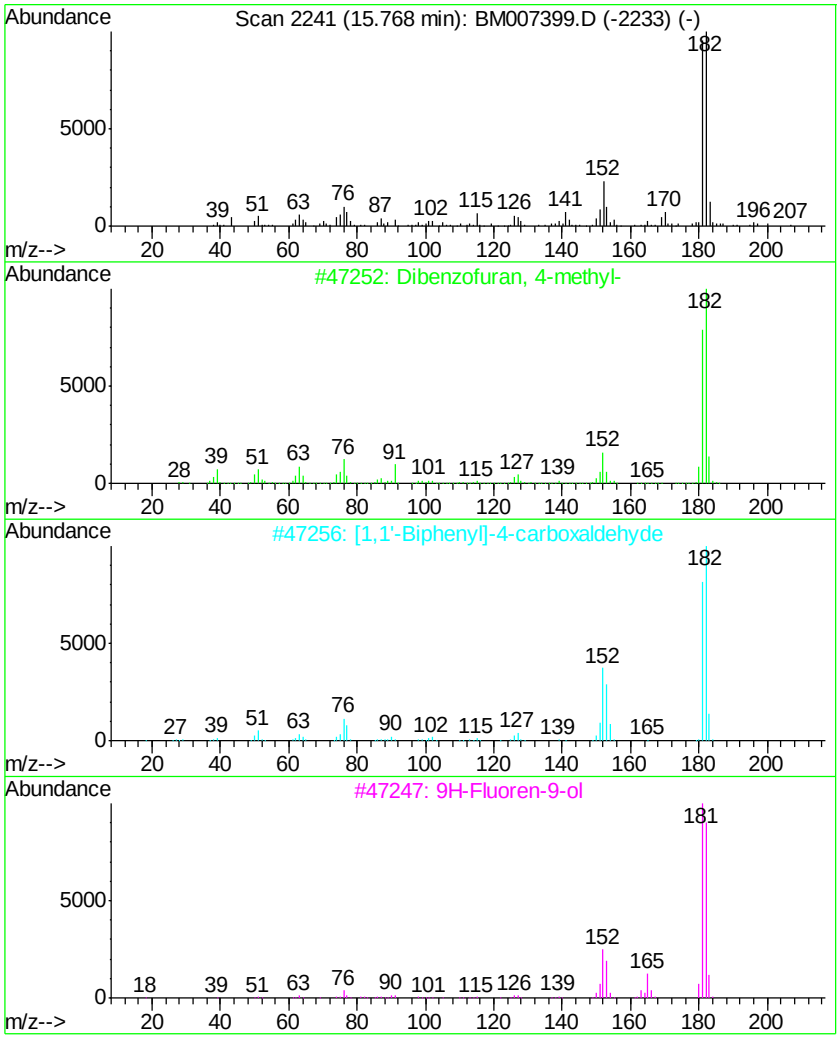
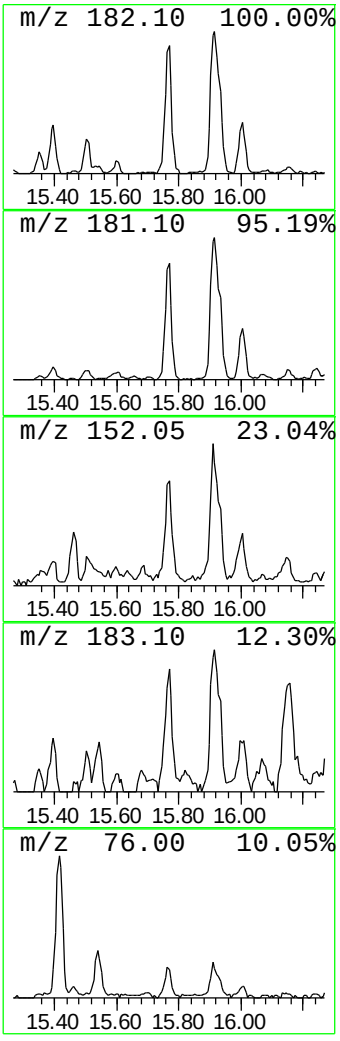
Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.18 ng/ul	307984	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	64
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
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Acq On : 03 Sep 2016 10:10
Operator : UM/SJ
Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

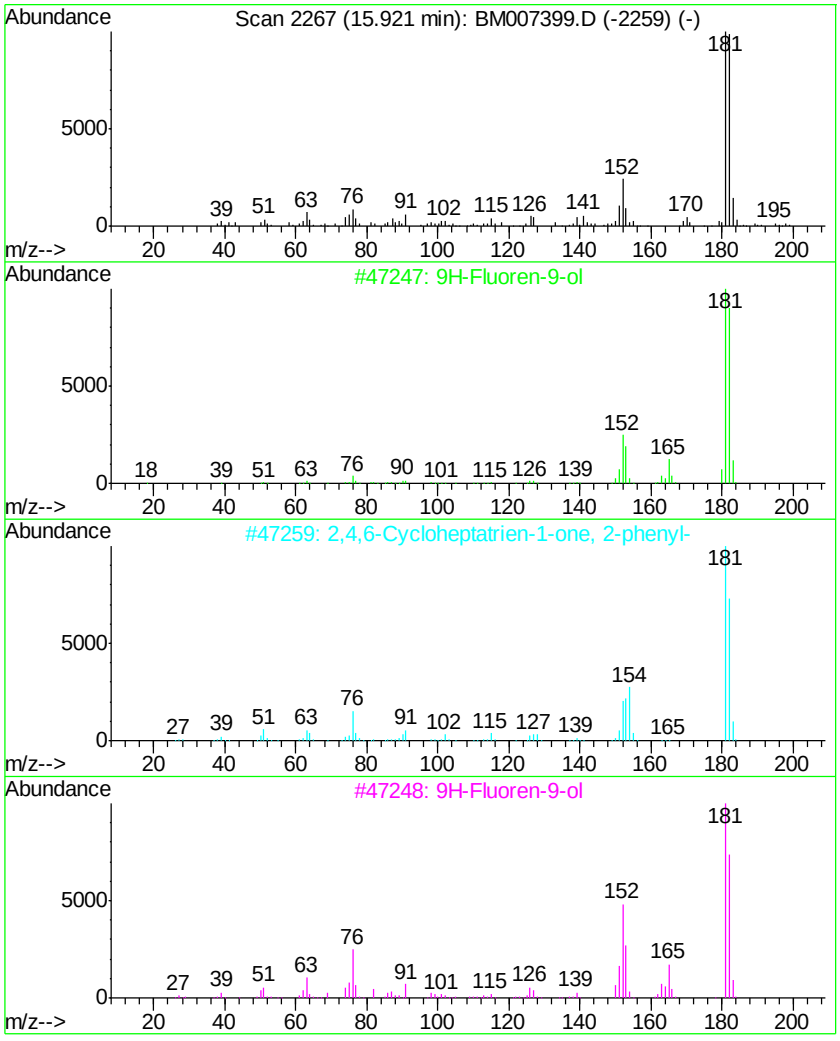
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

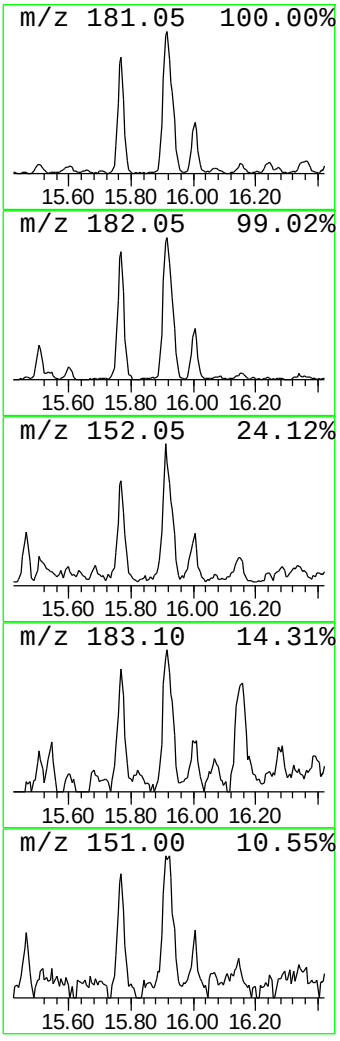
****

Peak Number 4 9H-Fluoren-9-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.47 ng/ul	451491	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	80





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Data File : BM007399.D
Acq On : 03 Sep 2016 10:10
Operator : UM/SJ
Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

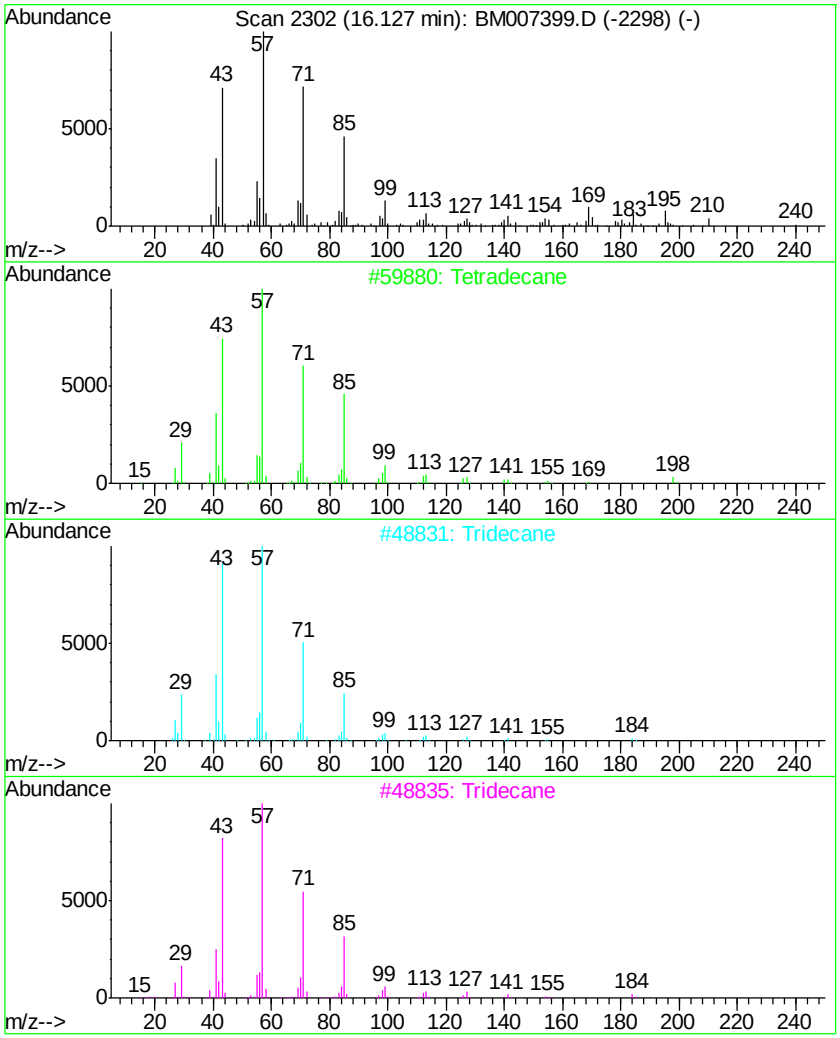
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

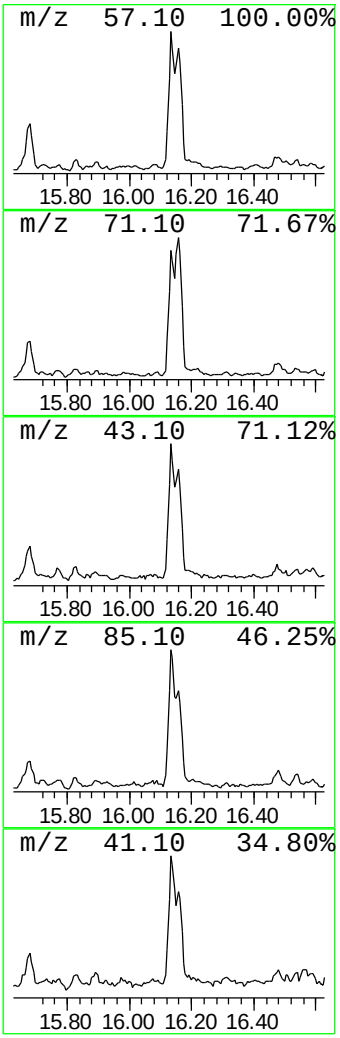
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.39 ng/ul	436596	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	81
2	Tridecane	184	C13H28	000629-50-5	74
3	Tridecane	184	C13H28	000629-50-5	74
4	Tridecane	184	C13H28	000629-50-5	74
5	Pentadecane	212	C15H32	000629-62-9	72





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Instrument : BNA_M
ClientSampleId : BD395

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Quant Title : SVOA CALIBRATION

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

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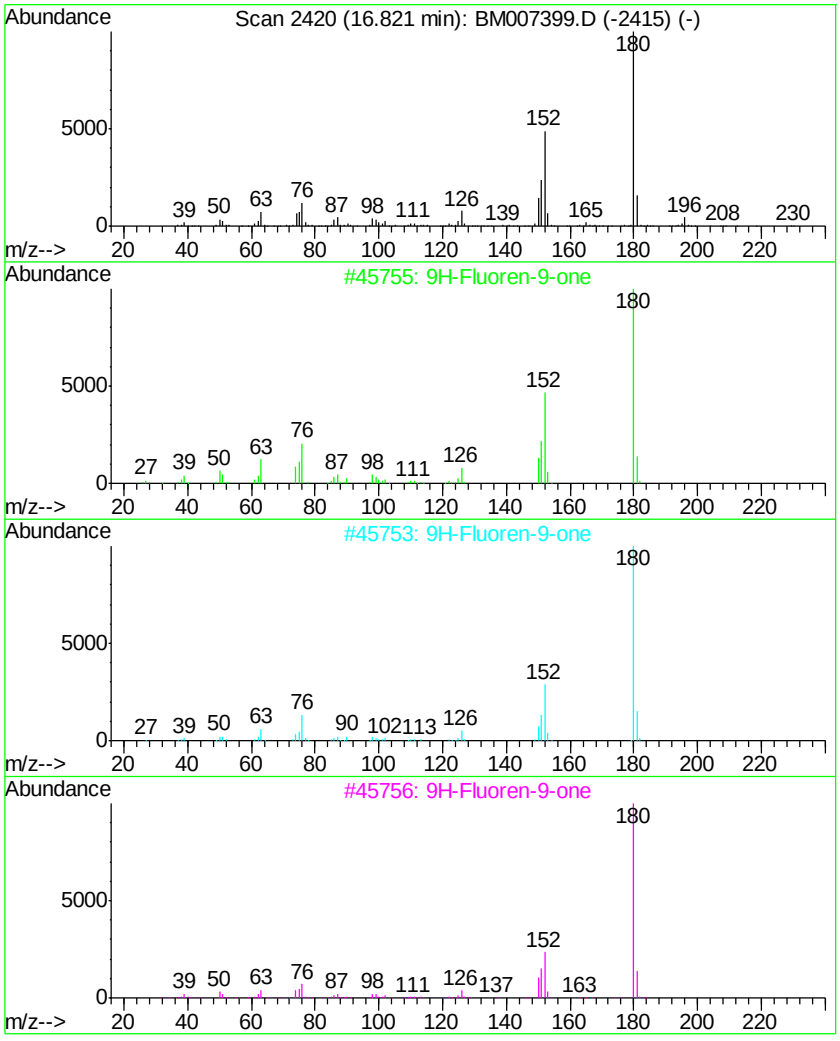
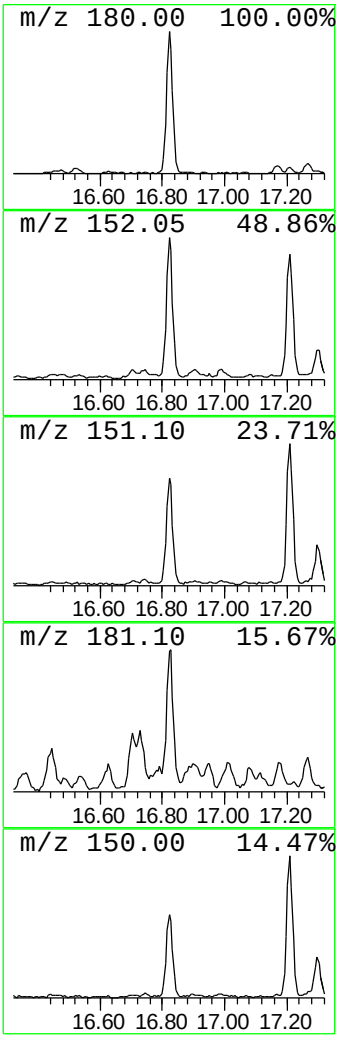
Peak Number 6 9H-Fluoren-9-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	4.29 ng/ul	782767	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Operator : UM/SJ
Sample : H4639-19
Misc :
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Instrument : BNA_M
ClientSampleId : BD395

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Quant Title : SVOA CALIBRATION

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

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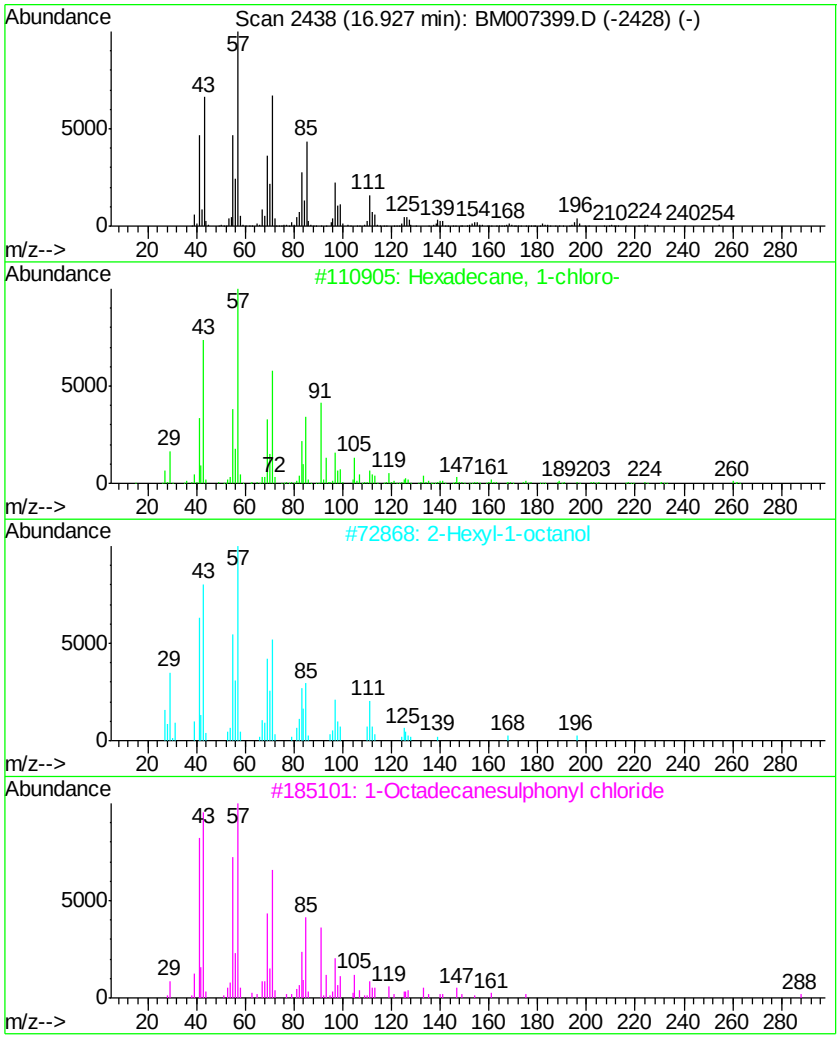
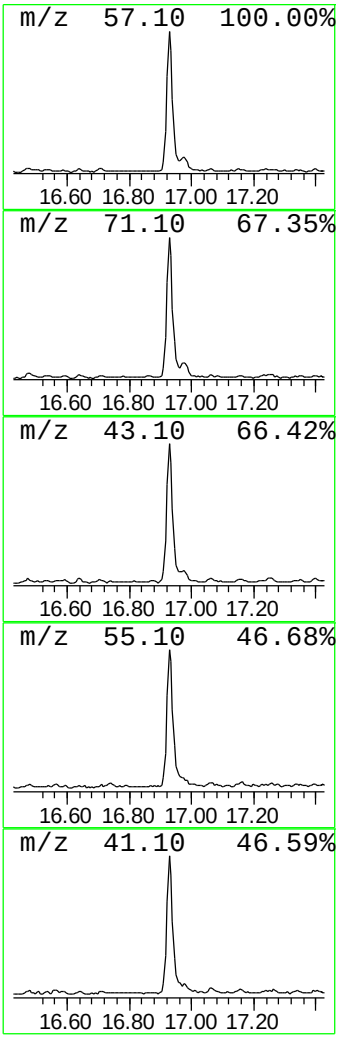
Peak Number 7 Hexadecane, 1-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	10.89 ng/ul	1987290	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	90
2	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	87
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	83





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Quant Title : SVOA CALIBRATION

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

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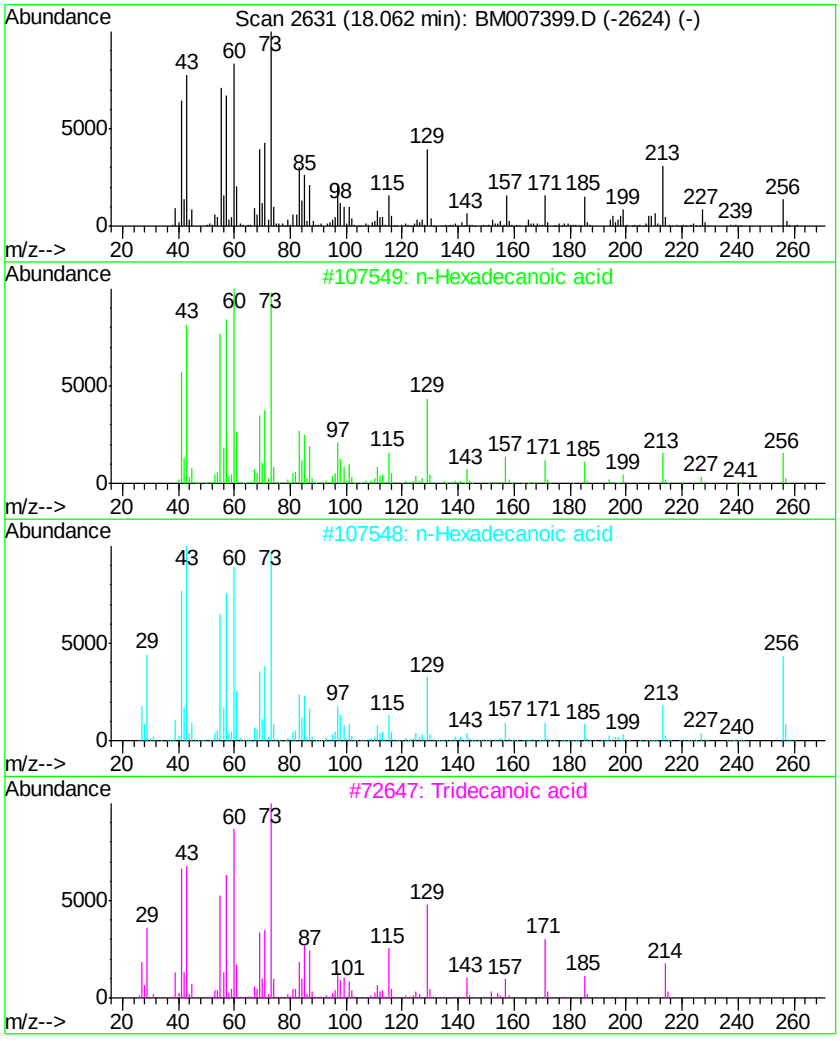
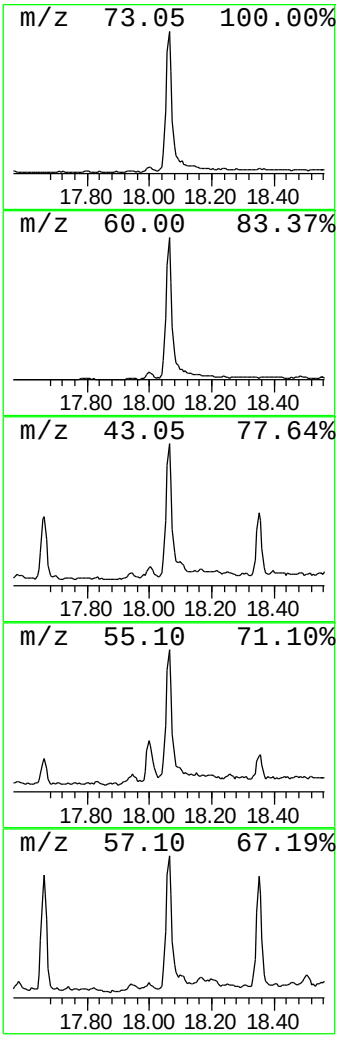
Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	9.25 ng/ul	1687410	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Quant Title : SVOA CALIBRATION

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

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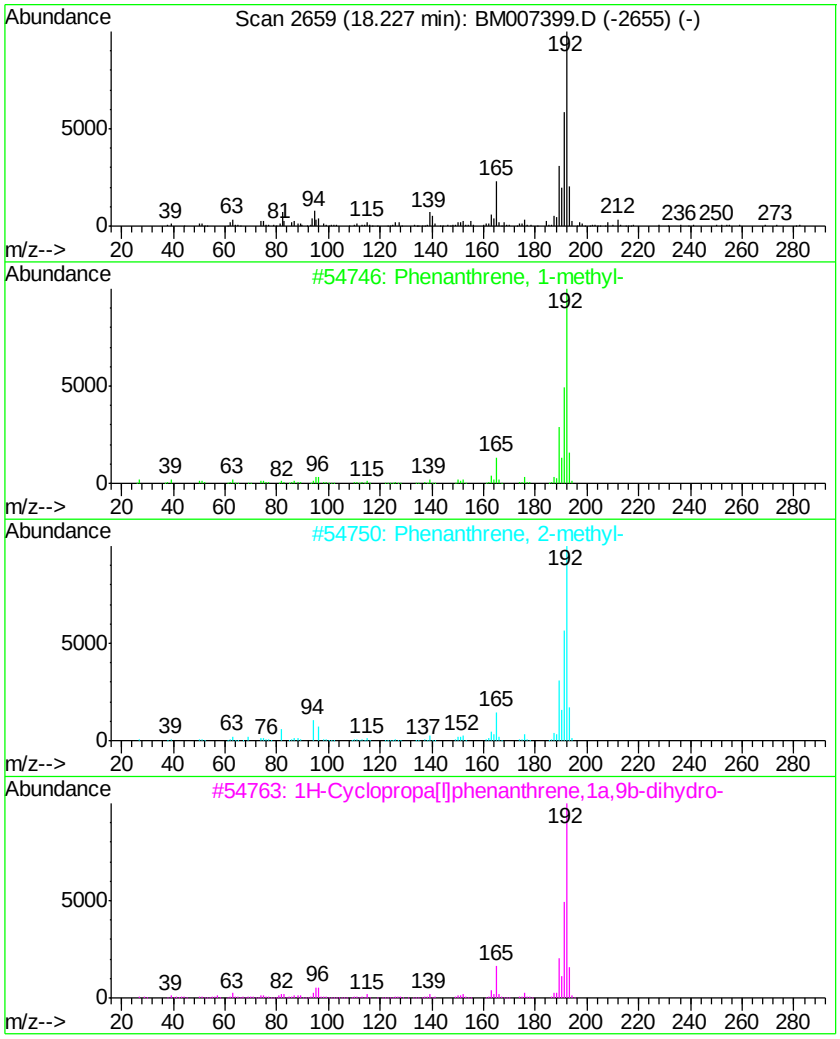
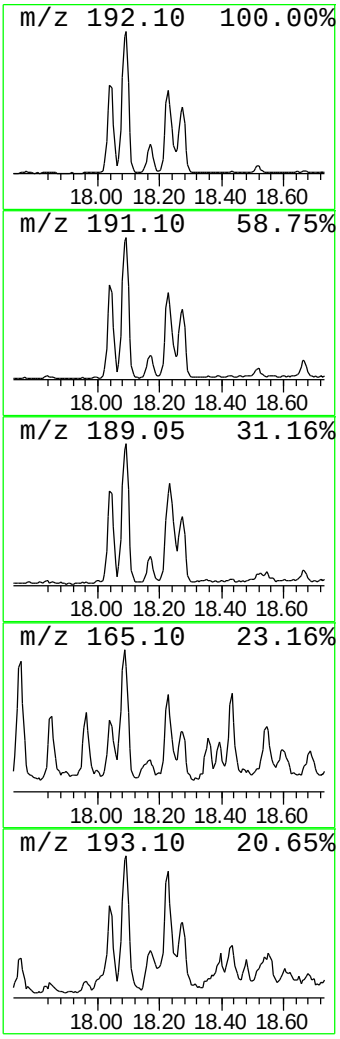
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.71 ng/ul	495247	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89





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Quant Title : SVOA CALIBRATION

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

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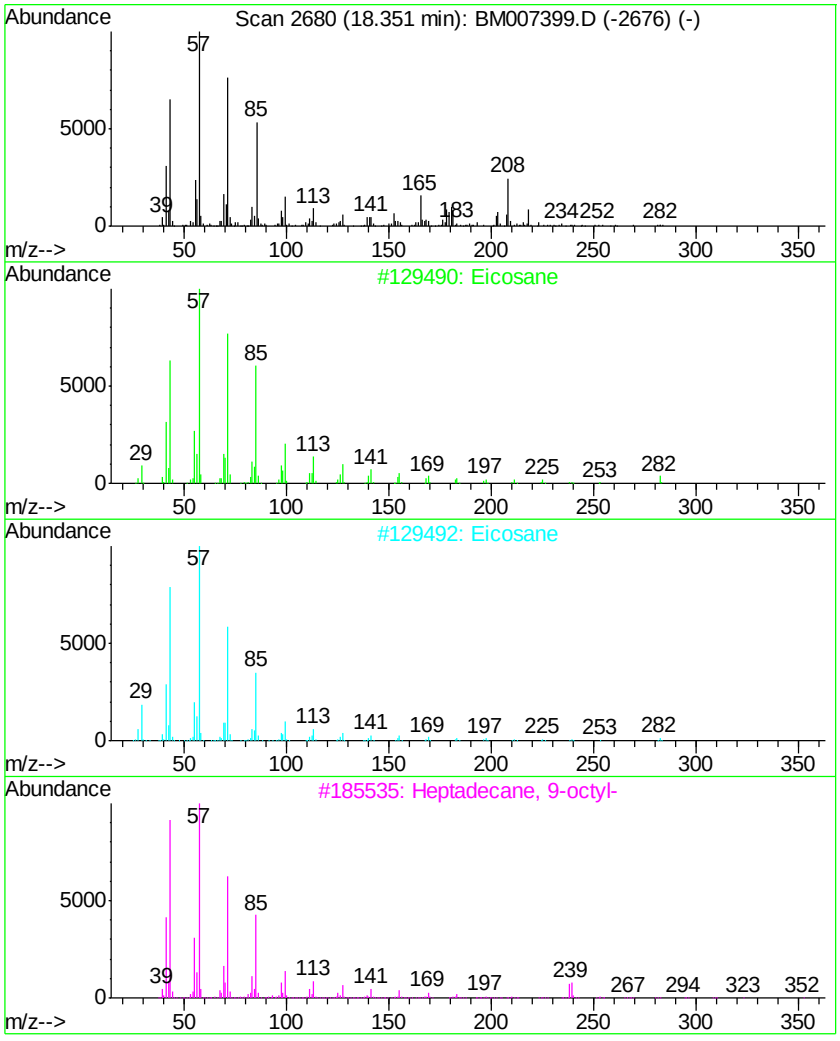
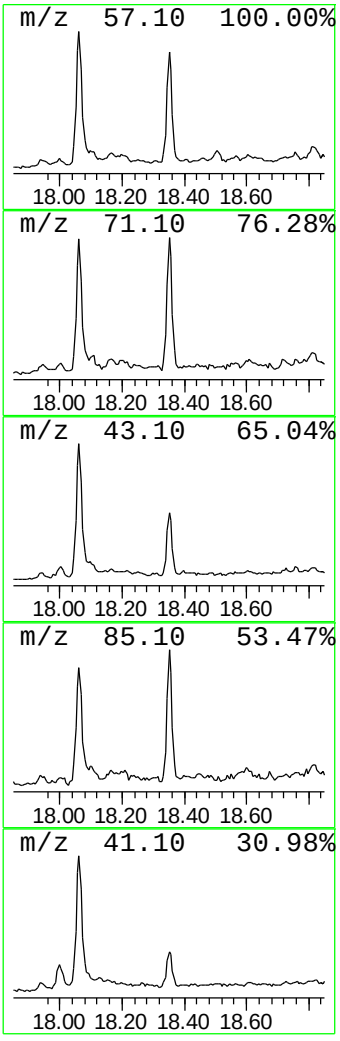
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.65 ng/ul	483894	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	83
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68
4	Tetracosane	338	C24H50	000646-31-1	68
5	Nonadecane	268	C19H40	000629-92-5	64





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Quant Title : SVOA CALIBRATION

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

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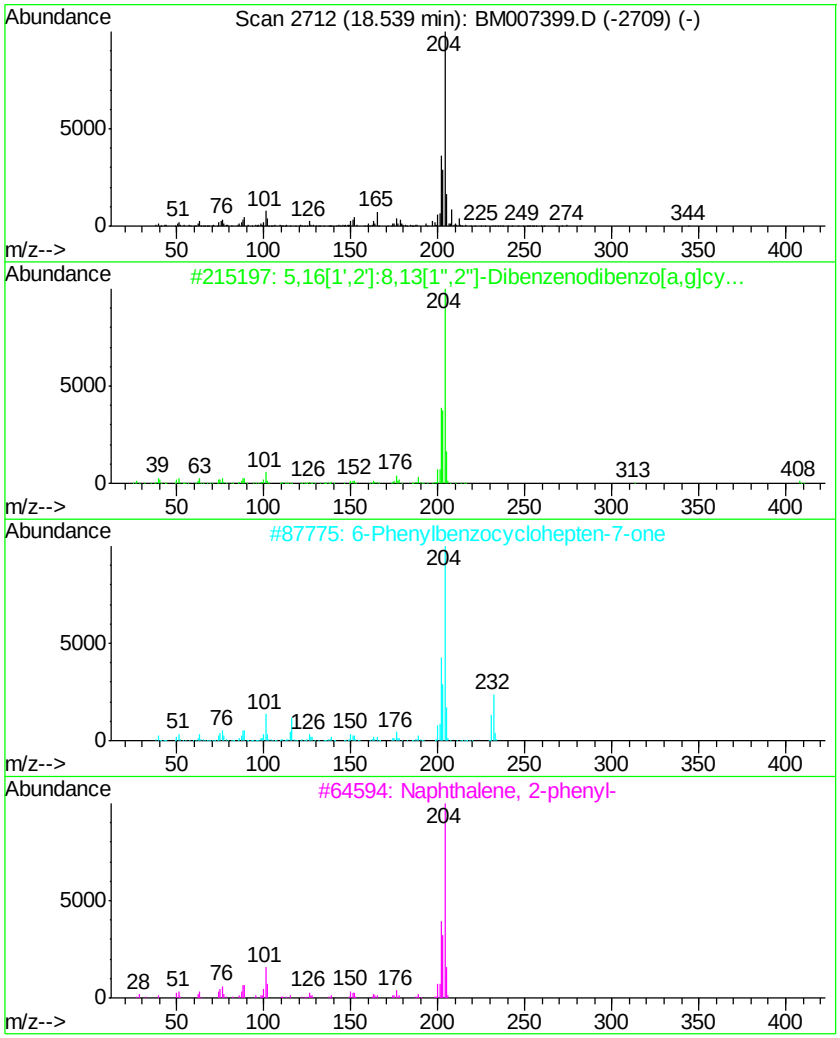
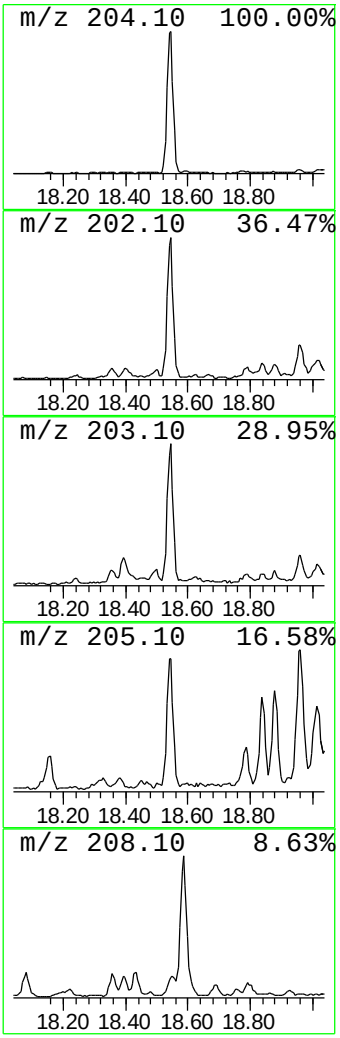
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.99 ng/ul	544936	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





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Quant Title : SVOA CALIBRATION

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

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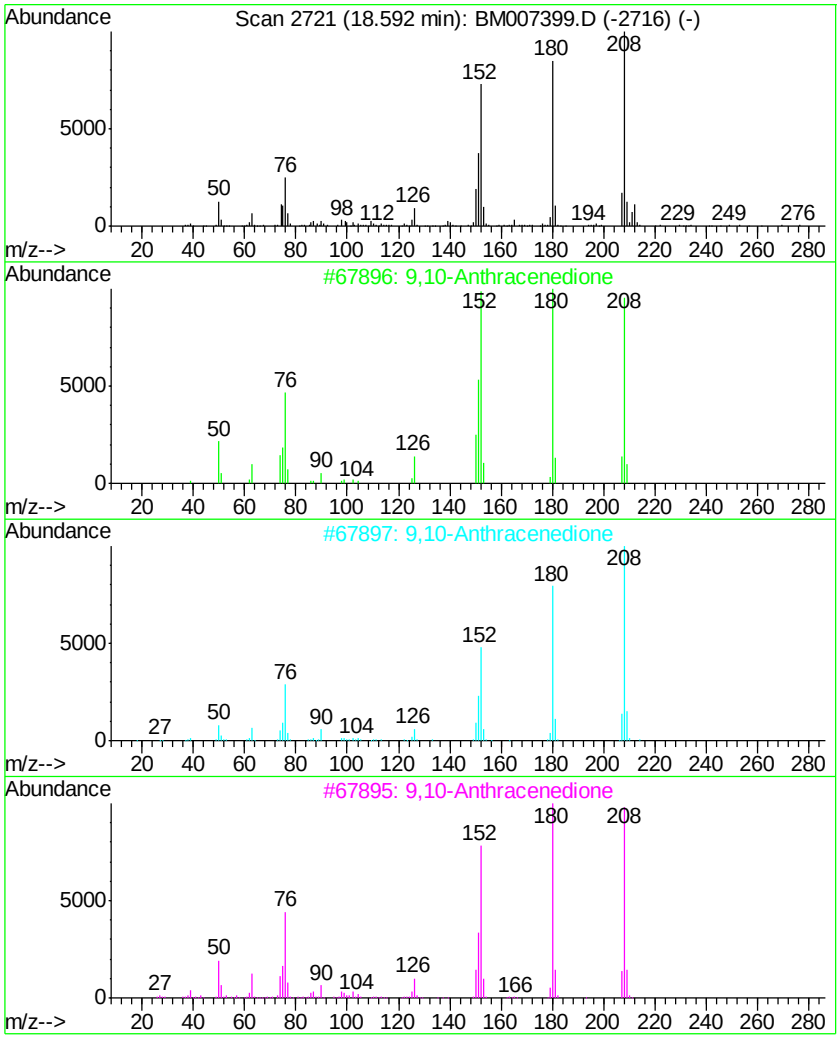
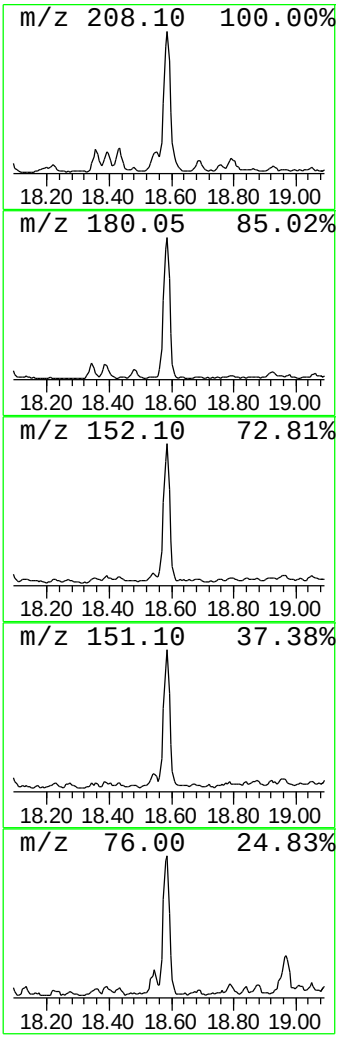
Peak Number 12 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	5.40 ng/ul	984785	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Quant Title : SVOA CALIBRATION

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

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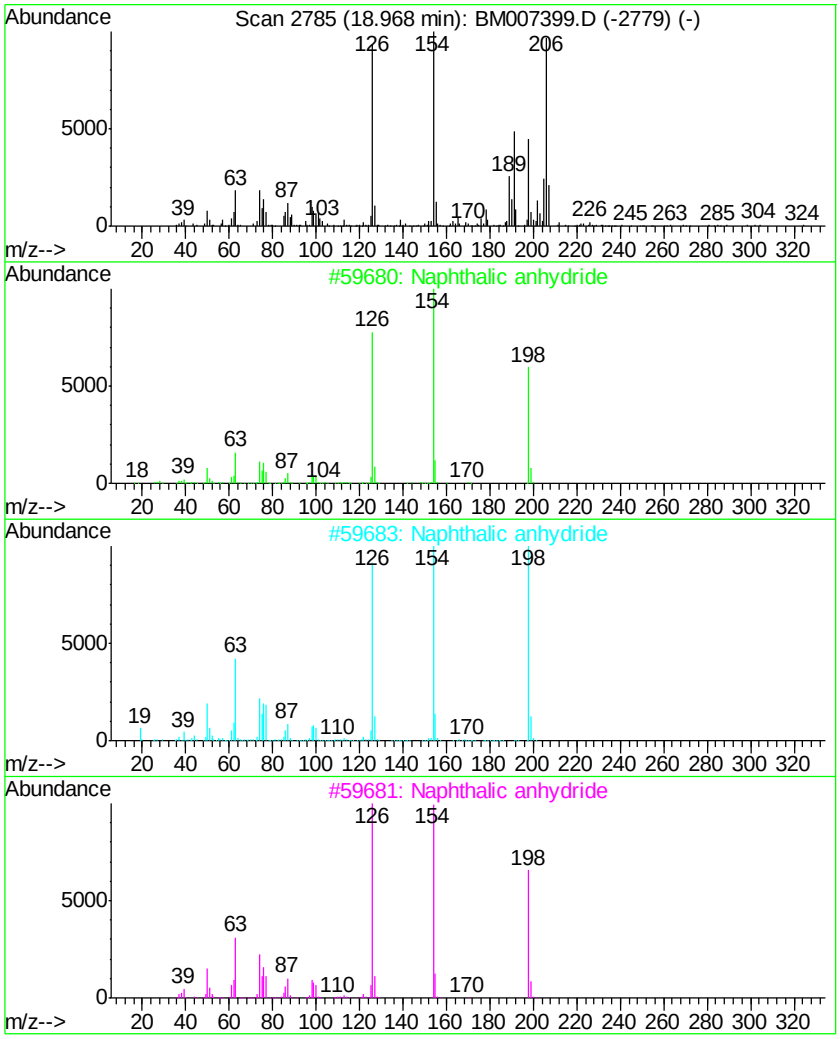
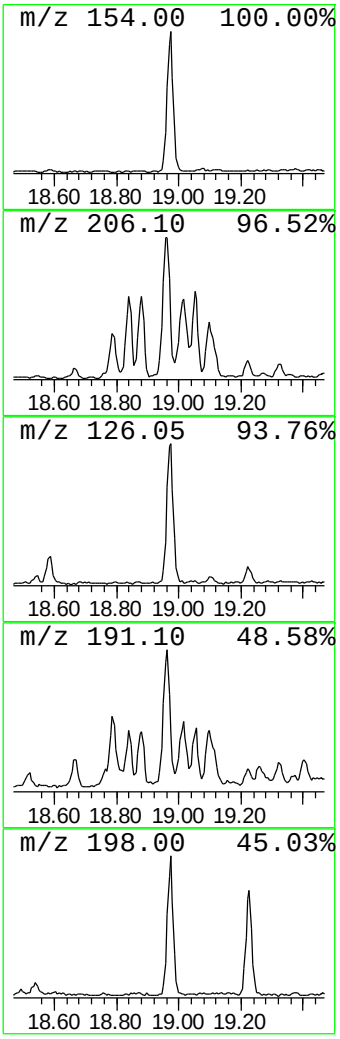
Peak Number 13 Naphthalic anhydride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	6.99 ng/ul	1276520	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	95
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	56





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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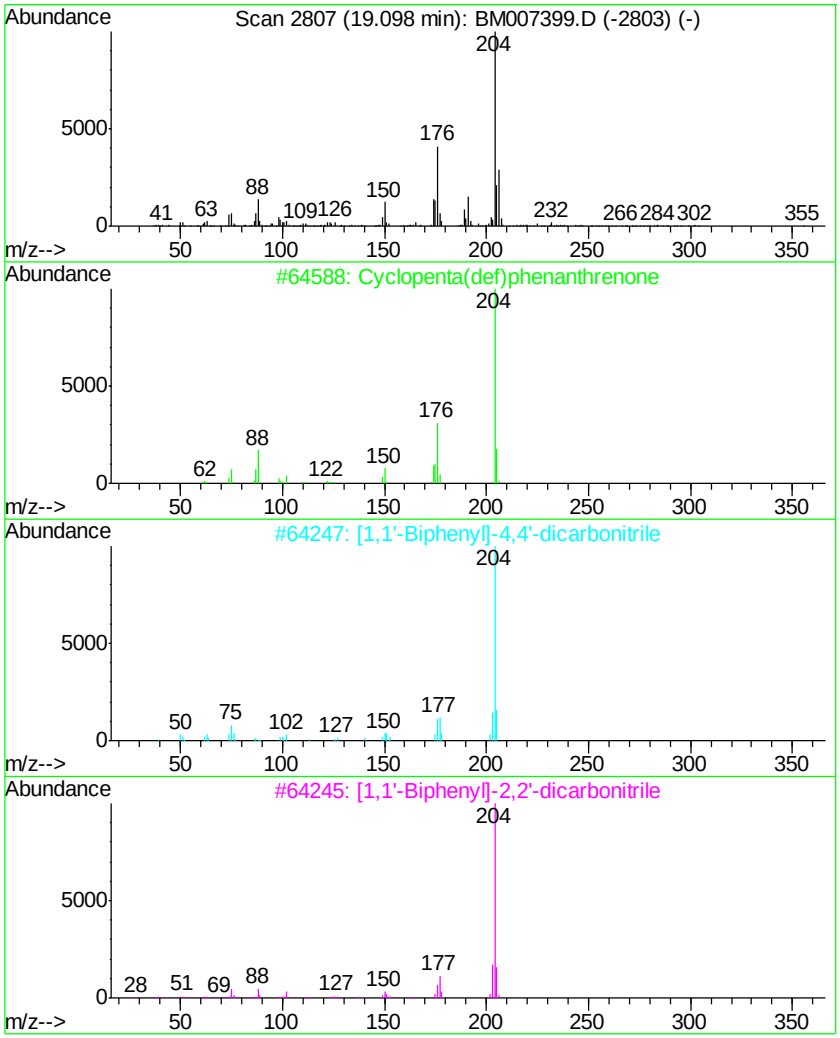
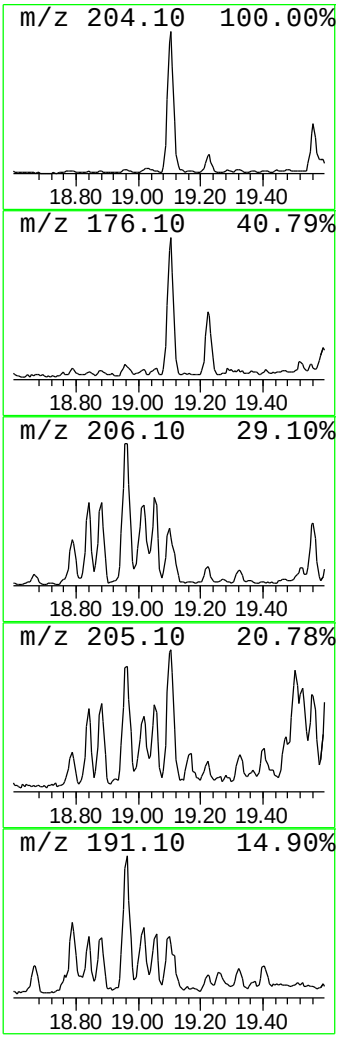
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.24 ng/ul	773576	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





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TIC Library : C:\DATABASE\NIST11.L
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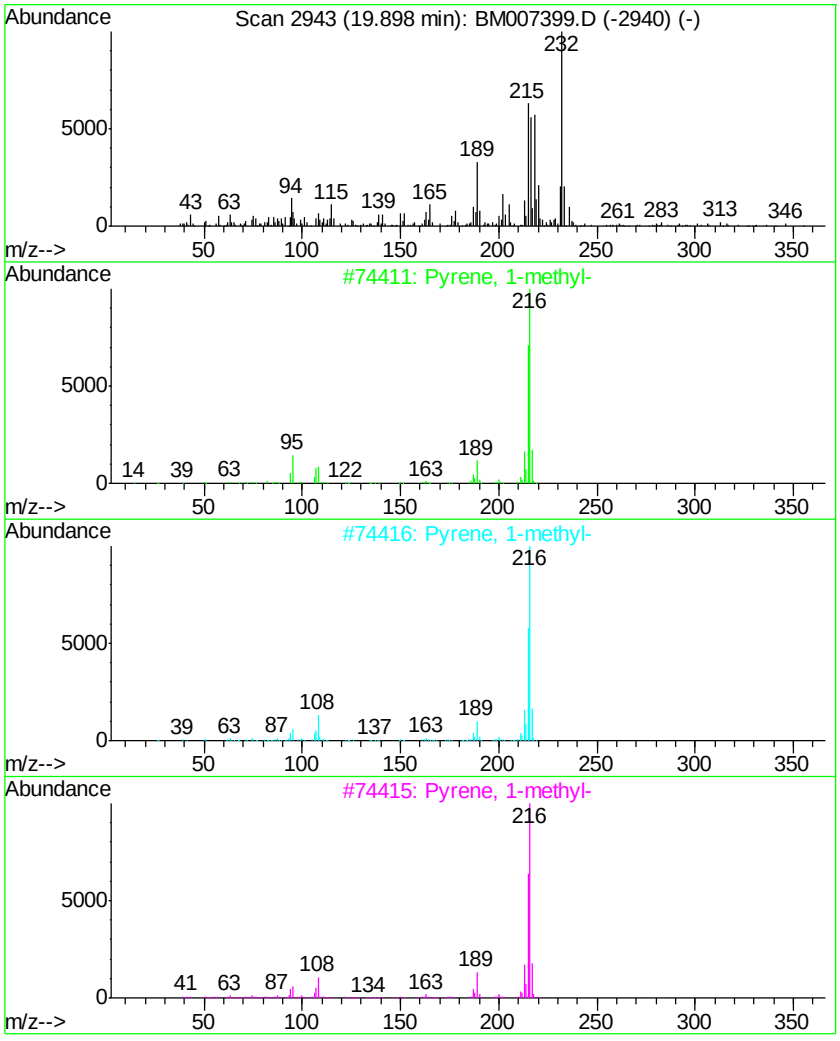
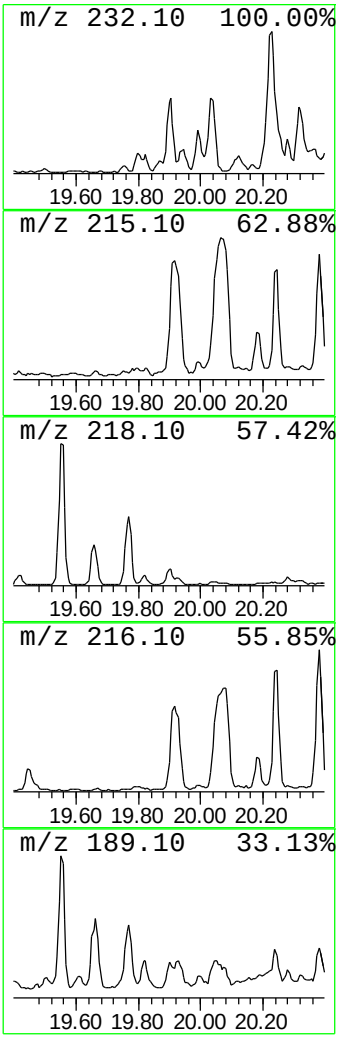
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.42 ng/ul	947879	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	56
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	46





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

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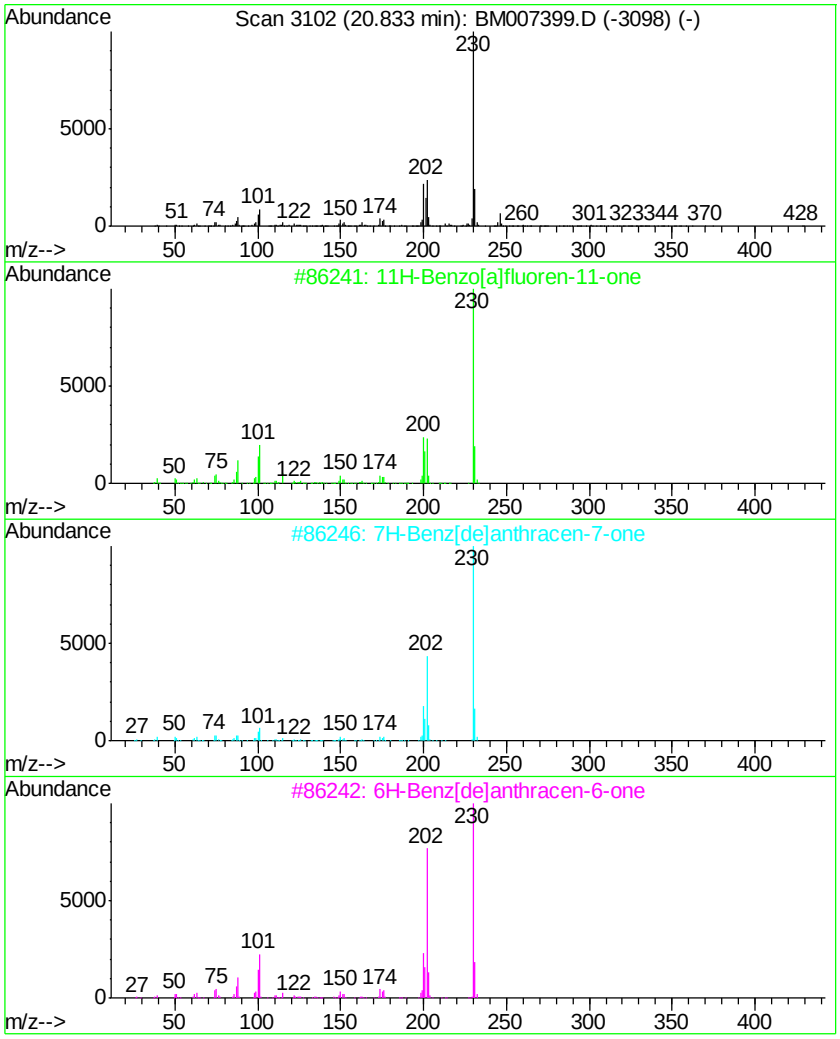
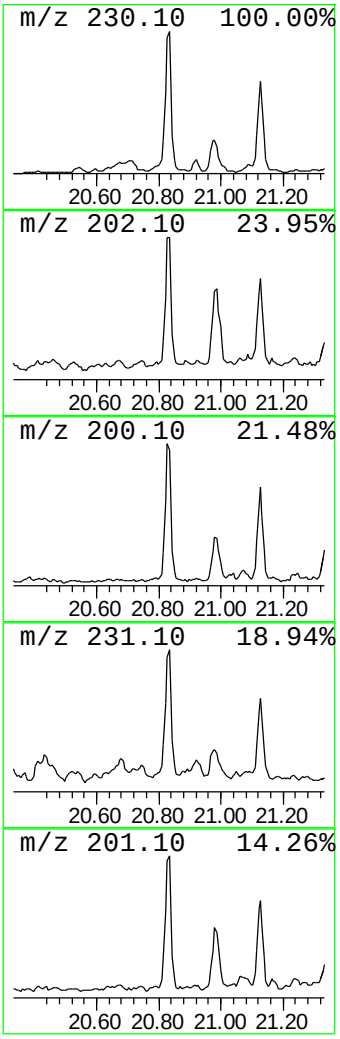
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.09 ng/ul	1211500	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83





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Quant Title : SVOA CALIBRATION

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

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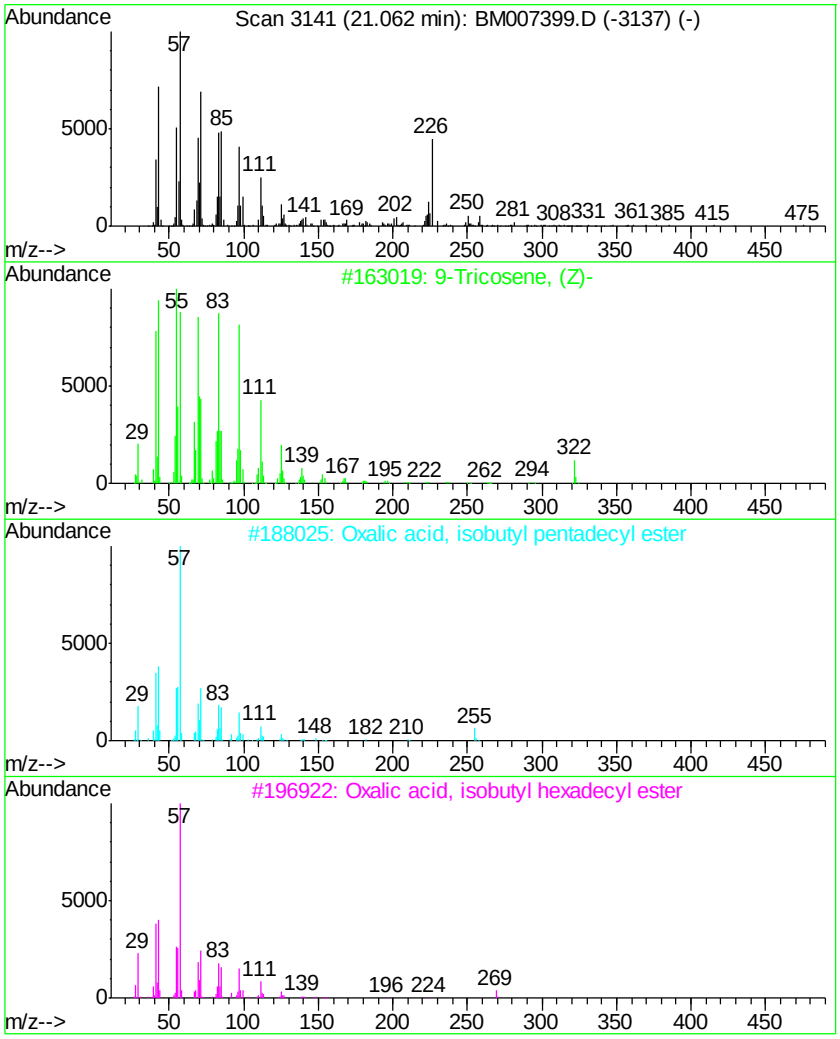
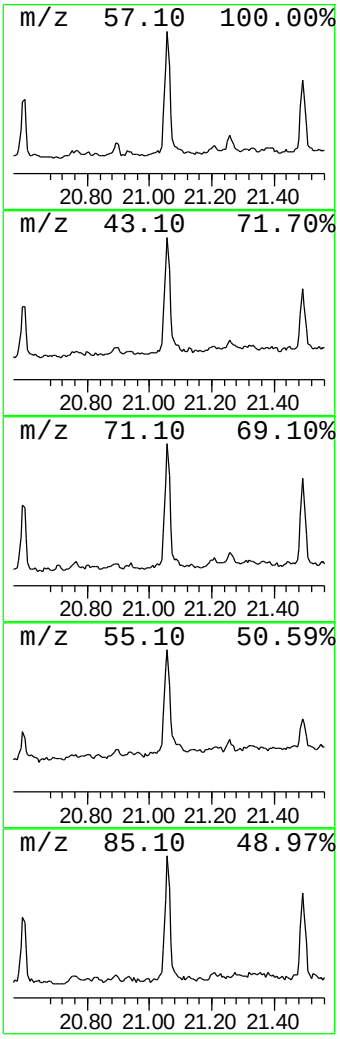
Peak Number 17 (DEL) Alkane: Cyclic21.06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.91 ng/ul	1533720	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90





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Data File : BM007399.D
Acq On : 03 Sep 2016 10:10
Operator : UM/SJ
Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

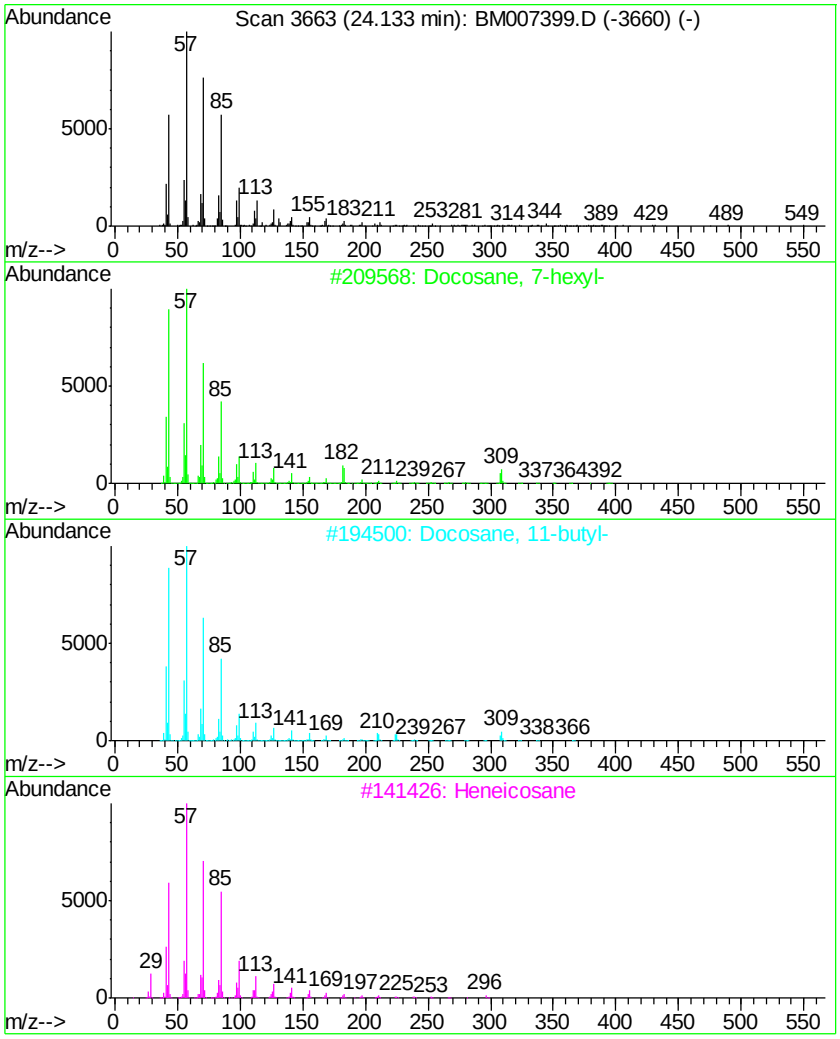
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

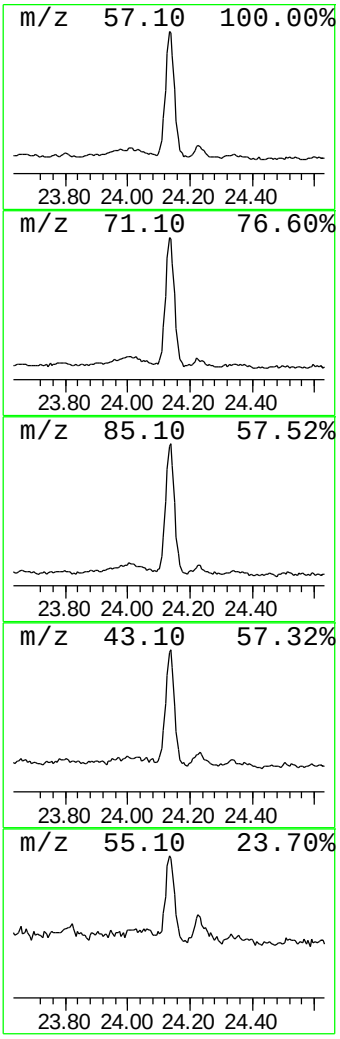
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	7.86 ng/ul	1645790	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-hexyl-	394	C28H58	055373-86-9	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007399.D
Acq On : 03 Sep 2016 10:10
Operator : UM/SJ
Sample : H4639-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD395

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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
Naphthalene, 1-me...	12.46	3.2	ng/ul	278260	2	10.58	1763790	20.0
Naphthalene, 1,4-...	13.75	2.2	ng/ul	308667	3	14.43	2825980	20.0
Dibenzofuran, 4-m...	15.77	2.2	ng/ul	307984	3	14.43	2825980	20.0
9H-Fluoren-9-ol	15.92	2.5	ng/ul	451491	4	17.17	3649940	20.0
(DEL) Alkane: Str...	16.13	2.4	ng/ul	436596	4	17.17	3649940	20.0
9H-Fluoren-9-one	16.82	4.3	ng/ul	782767	4	17.17	3649940	20.0
Hexadecane, 1-chl...	16.93	10.9	ng/ul	1987290	4	17.17	3649940	20.0
n-Hexadecanoic acid	18.06	9.3	ng/ul	1687410	4	17.17	3649940	20.0
Phenanthrene, 1-m...	18.23	2.7	ng/ul	495247	4	17.17	3649940	20.0
(DEL) Alkane: Str...	18.35	2.6	ng/ul	483894	4	17.17	3649940	20.0
5,16[1',2']:8,13[...	18.54	3.0	ng/ul	544936	4	17.17	3649940	20.0
9,10-Anthracenedione	18.59	5.4	ng/ul	984785	4	17.17	3649940	20.0
Naphthalic anhydride	18.97	7.0	ng/ul	1276520	4	17.17	3649940	20.0
Cyclopenta(def)ph...	19.10	4.2	ng/ul	773576	4	17.17	3649940	20.0
Pyrene, 1-methyl-	19.90	2.4	ng/ul	947879	5	21.35	7837240	20.0
11H-Benzo[a]fluor...	20.83	3.1	ng/ul	1211500	5	21.35	7837240	20.0
(DEL) Alkane: Cyc...	21.06	3.9	ng/ul	1533720	5	21.35	7837240	20.0
(DEL) Alkane: Str...	24.13	7.9	ng/ul	1645790	6	23.62	4189790	20.0