LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

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_P\METHODS\SOM-EPA-BP090519MA.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	2.181	8	16	20	rBV	11569773	19626638	100.00%	11.110%
2	3.970	316	320	324	rVV	127963	178621	0.91%	0.101%
3	5.087	506	510	518	rVB	154597	157867	0.80%	0.089%
4	6.505	747	751	759	rBV2	1950696	1809689	9.22%	1.024%
5	6.569	759	762	766	rVB	1414041	1174114	5.98%	0.665%
6	6.658	773	777	780	rBV	1973616	1578465	8.04%	0.894%
7	6.893	813	817	820	rVV	3154546	2383348	12.14%	1.349%
8	7.258	875	879	882	rBV	2365756	1856873	9.46%	1.051%
9	7.446	907	911	914	rBV	1803493	1377038	7.02%	0.779%
10	7.769	963	966	970	rBV	1343277	1127116	5.74%	0.638%
11	8.010	1004	1007	1011	rBV	2370496	1952825	9.95%	1.105%
12	8.175	1031	1035	1038	rBV	4202408	3288478	16.76%	1.862%
13	8.228	1041	1044	1055	rVB	1613731	1297107	6.61%	0.734%
14	9.628	1279	1282	1284	rVV	3457900	2613977	13.32%	1.480%
15	9.652	1284	1286	1289	rVB	963041	648604	3.30%	0.367%
16	9.787	1305	1309	1315	rBV	4230777	3507600	17.87%	1.986%
17	9.946	1332	1336	1339	rBV	4851591	3987816	20.32%	2.257%
18	9.975	1339	1341	1344	rVB	435824	312566	1.59%	0.177%
19	10.028	1346	1350	1360	rVV	1008196	962071	4.90%	0.545%
20	10.146	1367	1370	1373	rVV	242546	196063	1.00%	0.111%
21	10.469	1421	1425	1427	rBV	4469160	3997735	20.37%	2.263%
22	10.493	1427	1429	1431	rVV	253797	209133	1.07%	0.118%
23	10.522	1431	1434	1439	rVV	821277	710509	3.62%	0.402%
24	11.246	1554	1557	1562	rVB	308428	267963	1.37%	0.152%
25	11.310	1562	1568	1571	rBV4	109520	193611	0.99%	0.110%
26	11.340	1571	1573	1577	rVB	222555	174371	0.89%	0.099%
27	11.446	1587	1591	1593	rBV	4520137	4219970	21.50%	2.389%
28	11.469	1593	1595	1598	rVV	3919571	3485207	17.76%	1.973%
29	11.504	1598	1601	1603	rVV	4723907	3926104	20.00%	2.222%
30	11.675	1624	1630	1633	rBV2	696305	658287	3.35%	0.373%
31	11.957	1673	1678	1680	rBV	500879	430340	2.19%	0.244%
32	11.998	1680	1685	1688	rVV2	1566350	1890231	9.63%	1.070%
33	12.034	1688	1691	1693	rVV2	181733	188570	0.96%	0.107%
34	12.069	1693	1697	1700	rVV	724985	748151	3.81%	0.424%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

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_P\METHODS\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

35	12.093	1700	1701	1705	rVB	324656	184671	0.94%	0.105%
36	12.257	1726	1729	1730	rBV	413781	317634	1.62%	0.180%
37	12.275	1730	1732	1737	rVB	641392	556017	2.83%	0.315%
38	12.410	1750	1755	1758	rBV	171703	188393	0.96%	0.107%
39	12.516	1769	1773	1776	rBV2	314399	336021	1.71%	0.190%
40	12.598	1785	1787	1793	rVB2	467213	462094	2.35%	0.262%
41	12.687	1797	1802	1805	rVB	8343682	8309524	42.34%	4.704%
42	12.740	1805	1811	1815	rBV2	149865	242843	1.24%	0.137%
43	12.804	1818	1822	1825	rBV2	729483	921792	4.70%	0.522%
44	12.834	1825	1827	1834	rVB	294166	305601	1.56%	0.173%
45	12.898	1834	1838	1839	rBV	5237397	5197626	26.48%	2.942%
46	12.916	1839	1841	1845	rVV	7108121	6683320	34.05%	3.783%
47	12.963	1846	1849	1856	rVB	336611	417164	2.13%	0.236%
48	13.034	1858	1861	1864	rBV	437046	404353	2.06%	0.229%
49	13.069	1864	1867	1872	rVB	484476	521161	2.66%	0.295%
50	13.140	1873	1879	1882	rBV4	521063	916624	4.67%	0.519%
51	13.228	1886	1894	1895	rBV5	456966	620779	3.16%	0.351%
52	13.245	1895	1897	1901	rVB	769487	788853	4.02%	0.447%
53	13.316	1906	1909	1912	rBV	453010	408548	2.08%	0.231%
54	13.357	1912	1916	1918	rBV	850479	877290	4.47%	0.497%
55	13.381	1918	1920	1923	rVB	340475	307039	1.56%	0.174%
56	13.451	1929	1932	1934	rBV	411905	360924	1.84%	0.204%
57	13.481	1934	1937	1941	rBV2	426441	409782	2.09%	0.232%
58	13.557	1947	1950	1960	rVB7	167121	363691	1.85%	0.206%
59	13.640	1960	1964	1965	rBV2	180225	210533	1.07%	0.119%
60	13.663	1966	1968	1970	rVV2	205667	258330	1.32%	0.146%
61	13.687	1970	1972	1975	rVV2	235267	238939	1.22%	0.135%
62	13.769	1978	1986	1991	rVV	1130948	1482038	7.55%	0.839%
63	13.881	2001	2005	2008	rBV2	1254324	1501747	7.65%	0.850%
64	13.910	2008	2010	2012	rVV	744046	703429	3.58%	0.398%
65	13.934	2012	2014	2016	rVV	639435	704656	3.59%	0.399%
66	13.981	2019	2022	2024	rVV	1105959	1085991	5.53%	0.615%
67	14.016	2024	2028	2032	rVV2	729707	1158291	5.90%	0.656%
68	14.051	2032	2034	2038	rVV	282764	317796	1.62%	0.180%
69	14.140	2041	2049	2052	rVV2	6122430	10128863	51.61%	5.734%
70	14.169	2052	2054	2062	rVV	4552557	4614329	23.51%	2.612%
71	14.251	2062	2068	2070	rVV2	464327	636226	3.24%	0.360%

LSC Area Percent Report

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Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

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_P\METHODS\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

72	14.281	2071	2073	2075	rVV2	195828	214982	1.10%	0.122%
73	14.334	2079	2082	2084	rVV	395018	503125	2.56%	0.285%
74	14.369	2084	2088	2092	rVV2	612942	930175	4.74%	0.527%
75	14.428	2092	2098	2101	rVV3	856562	1198780	6.11%	0.679%
76	14.451	2101	2102	2104	rVV2	256339	216005	1.10%	0.122%
77	14.504	2108	2111	2113	rVV2	435340	506999	2.58%	0.287%
78	14.540	2113	2117	2120	rVV	880285	1045111	5.32%	0.592%
79	14.575	2120	2123	2126	rVB2	655488	656938	3.35%	0.372%
80	14.669	2135	2139	2147	rBV4	717197	1208924	6.16%	0.684%
81	14.863	2168	2172	2174	rBV2	278300	364997	1.86%	0.207%
82	14.892	2174	2177	2183	rVB6	293896	420907	2.14%	0.238%
83	15.234	2227	2235	2245	rVB	4443915	10010655	51.01%	5.667%
84	15.345	2251	2254	2256	rBV	448254	523224	2.67%	0.296%
85	15.375	2256	2259	2266	rVB2	616398	1036551	5.28%	0.587%
86	15.557	2284	2290	2293	rBV	2609498	4206776	21.43%	2.381%
87	15.587	2293	2295	2298	rVV	2073788	2865316	14.60%	1.622%
88	15.622	2298	2301	2307	rVB	3203250	3977860	20.27%	2.252%
89	15.687	2307	2312	2315	rBV	2450578	3550237	18.09%	2.010%
90	15.716	2315	2317	2325	rVV2	1001984	1477590	7.53%	0.836%
91	15.798	2326	2331	2336	rVB3	473972	959257	4.89%	0.543%
92	16.281	2406	2413	2432	rVB2	986463	2533433	12.91%	1.434%
93	16.834	2503	2507	2512	rBV3	207079	435480	2.22%	0.247%
94	17.075	2541	2548	2556	rVB3	364449	1054952	5.38%	0.597%
95	17.257	2571	2579	2587	rVB2	1817361	4154303	21.17%	2.352%
96	17.439	2606	2610	2614	rBV	266372	483374	2.46%	0.274%
97	17.498	2615	2620	2627	rVB2	591487	1325013	6.75%	0.750%
98	17.722	2650	2658	2669	rVB	1596683	3847096	19.60%	2.178%
99	17.957	2690	2698	2705	rVB	400241	1392709	7.10%	0.788%
100	18.833	2842	2847	2859	rVB8	446319	1276582	6.50%	0.723%

Sum of corrected areas: 176657321

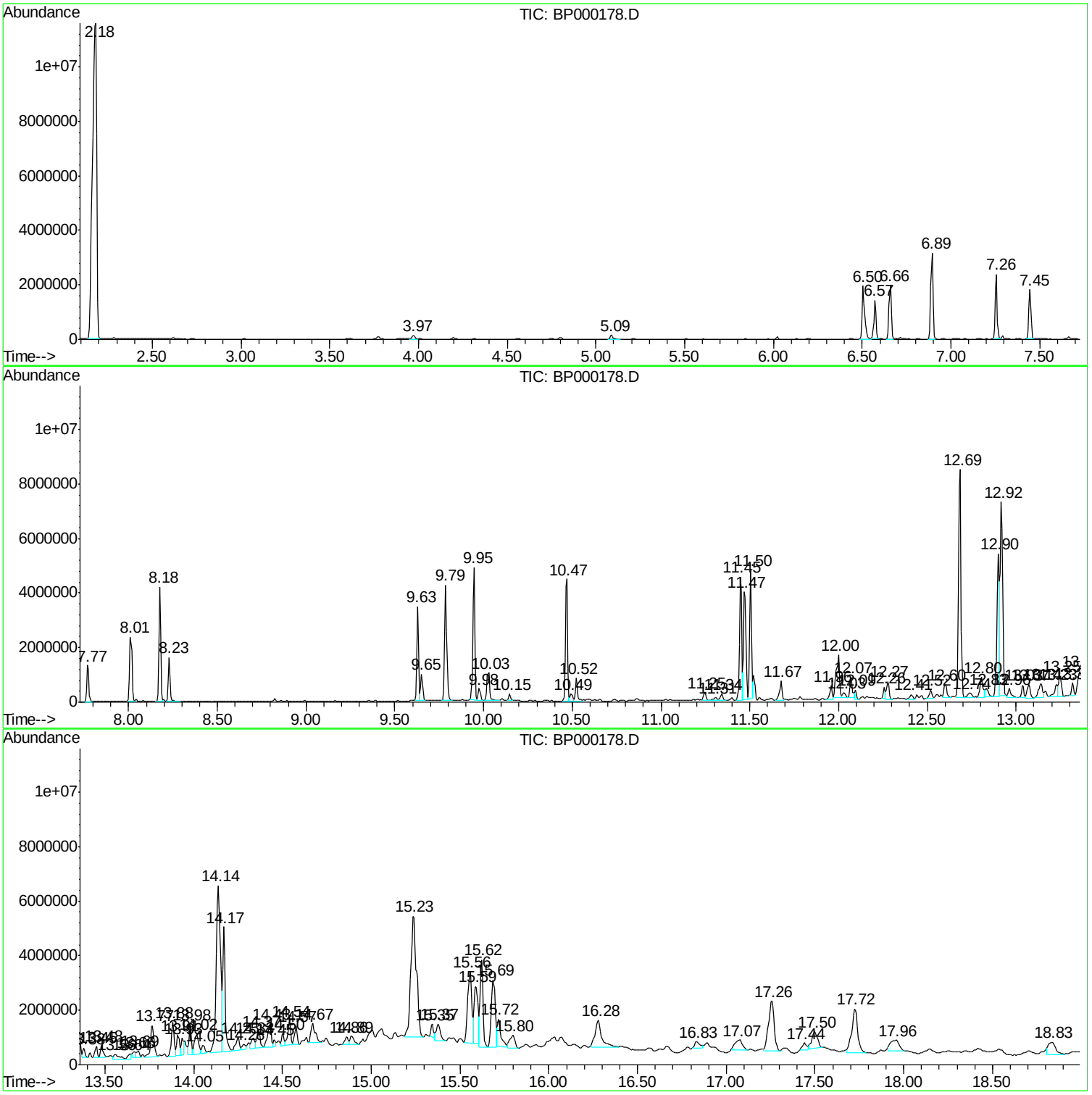
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.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 P\DATA\BP091019\
Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

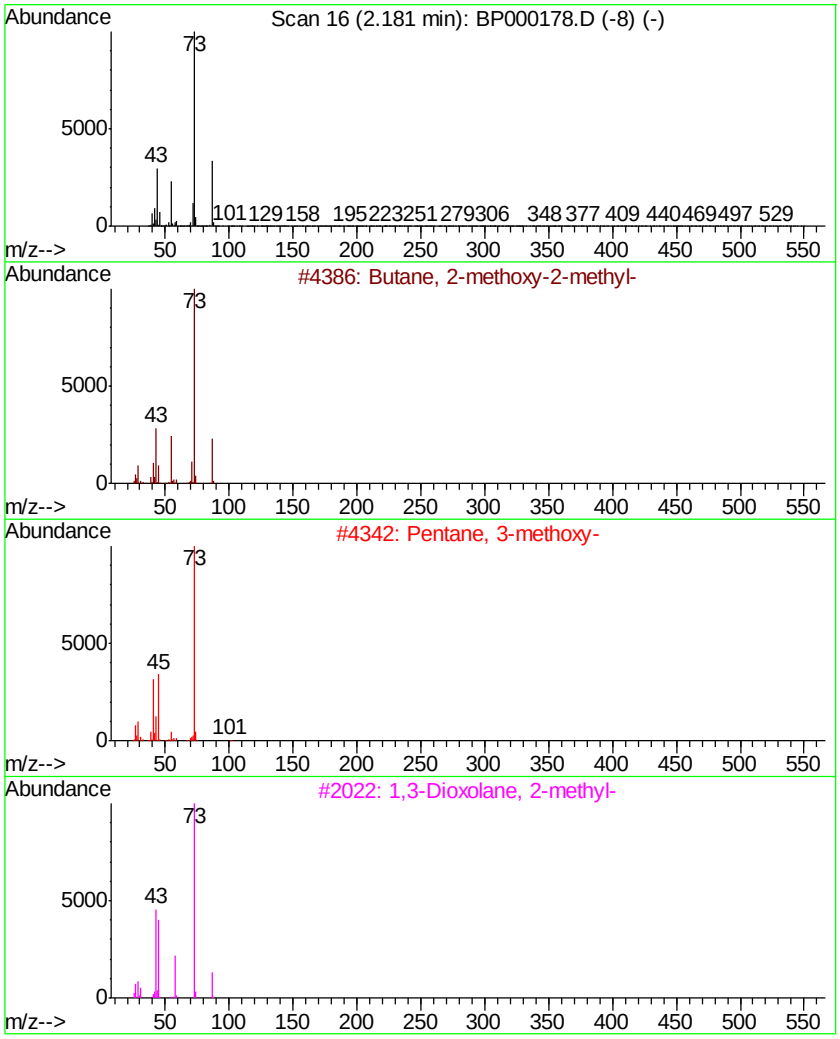
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

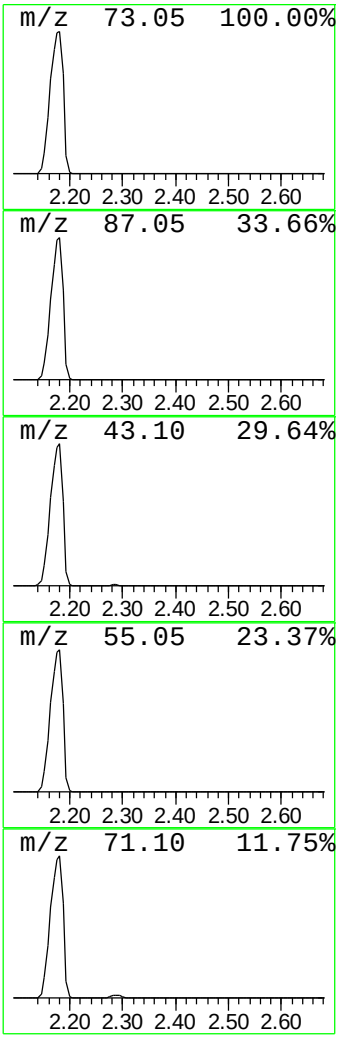
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	164.70 ng/ul	19626600	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

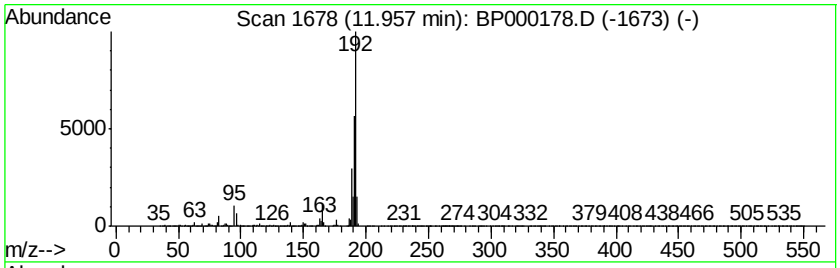
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

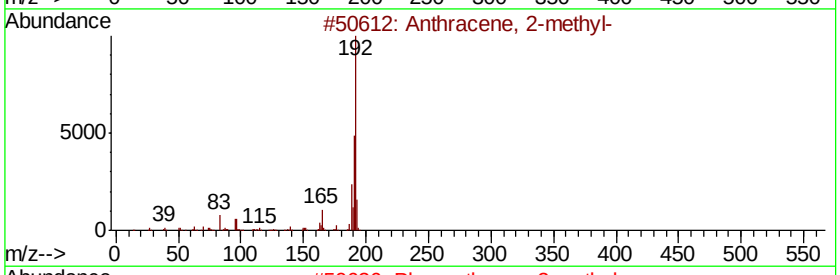
****

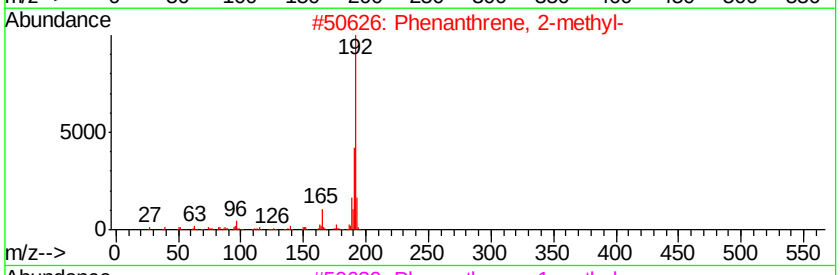
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 23

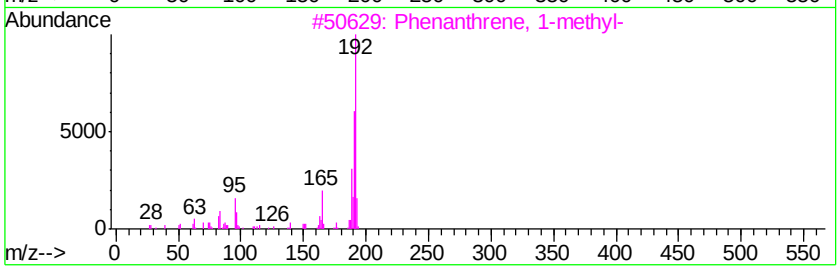
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.04 ng/ul	430340	Phenanthrene-d10	11.45

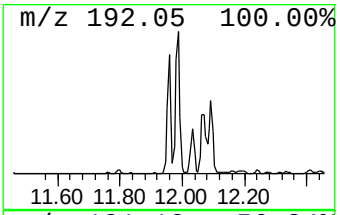
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94

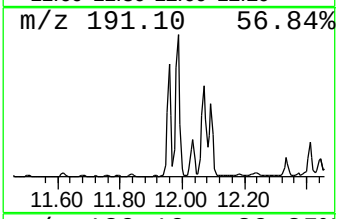


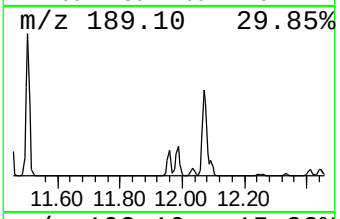


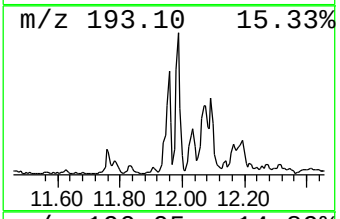


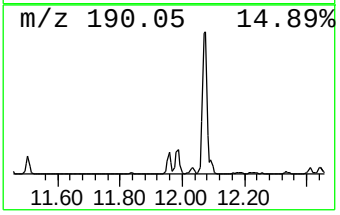












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

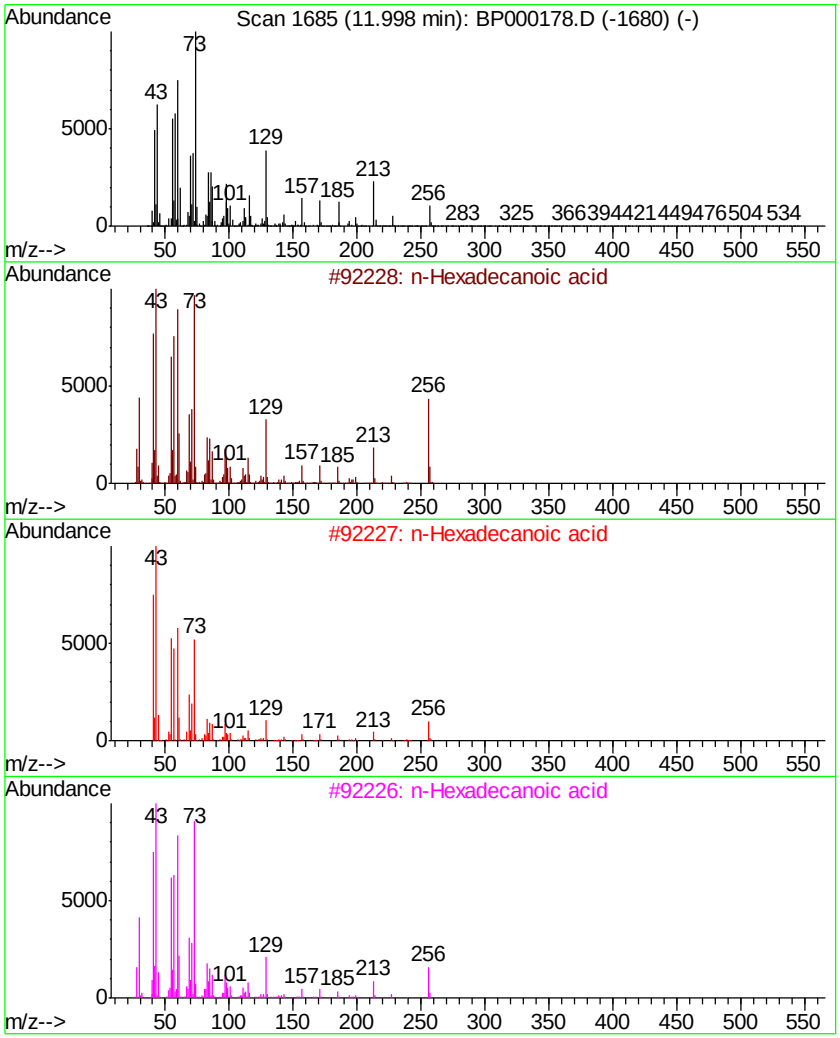
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

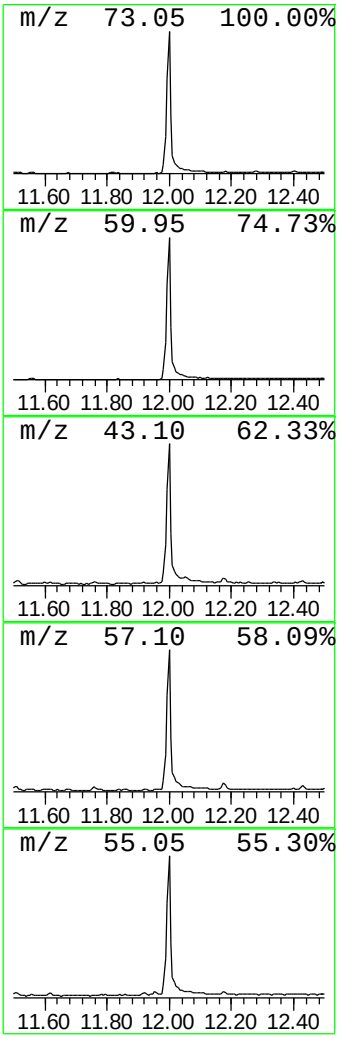
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	8.96 ng/ul	1890230	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Library Search Compound Report

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Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

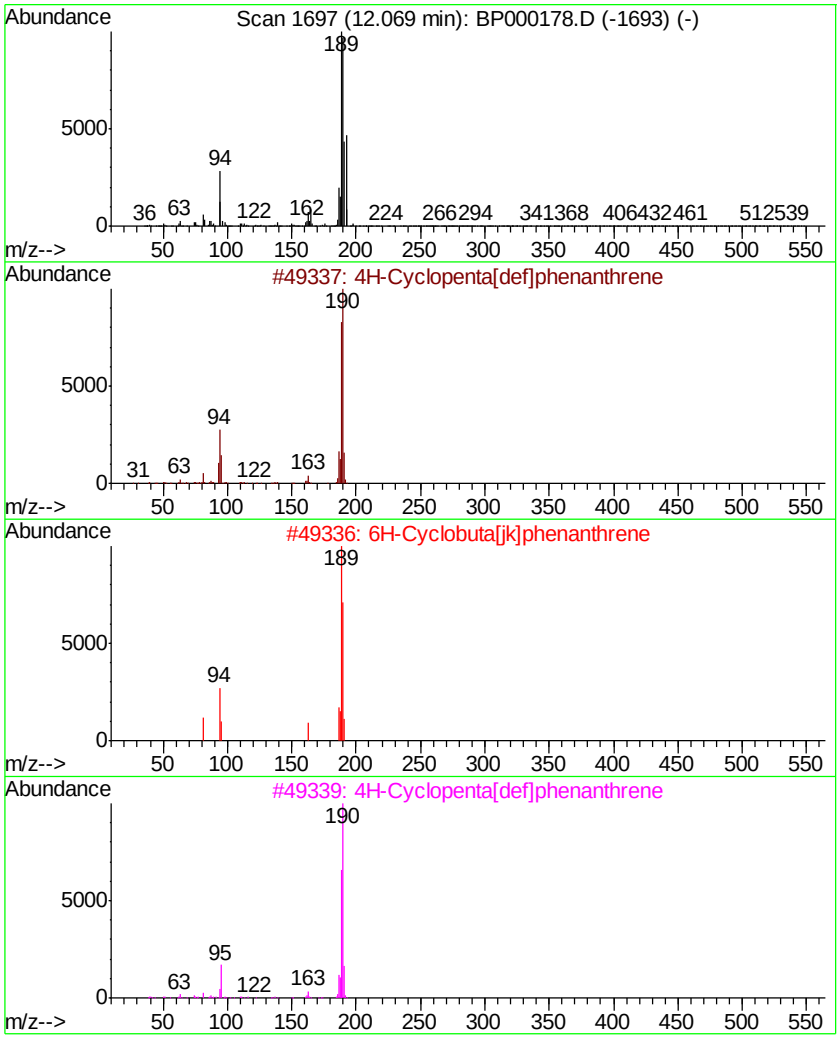
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

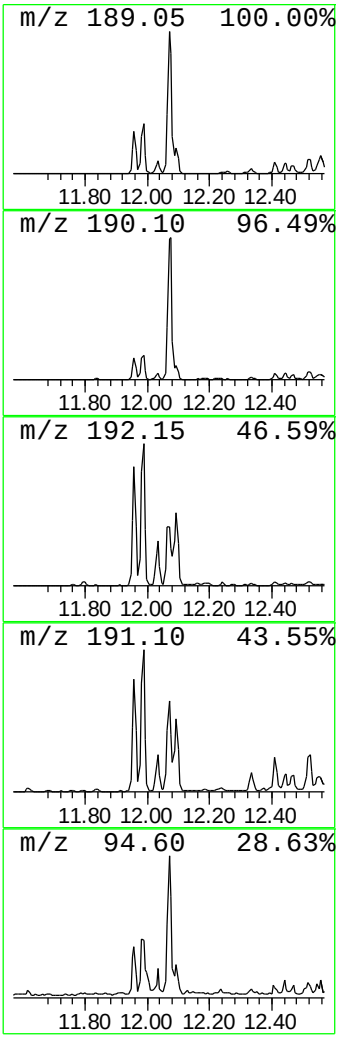
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.55 ng/ul	748151	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38





Library Search Compound Report

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Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

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Quant Title : SVOA CALIBRATION

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

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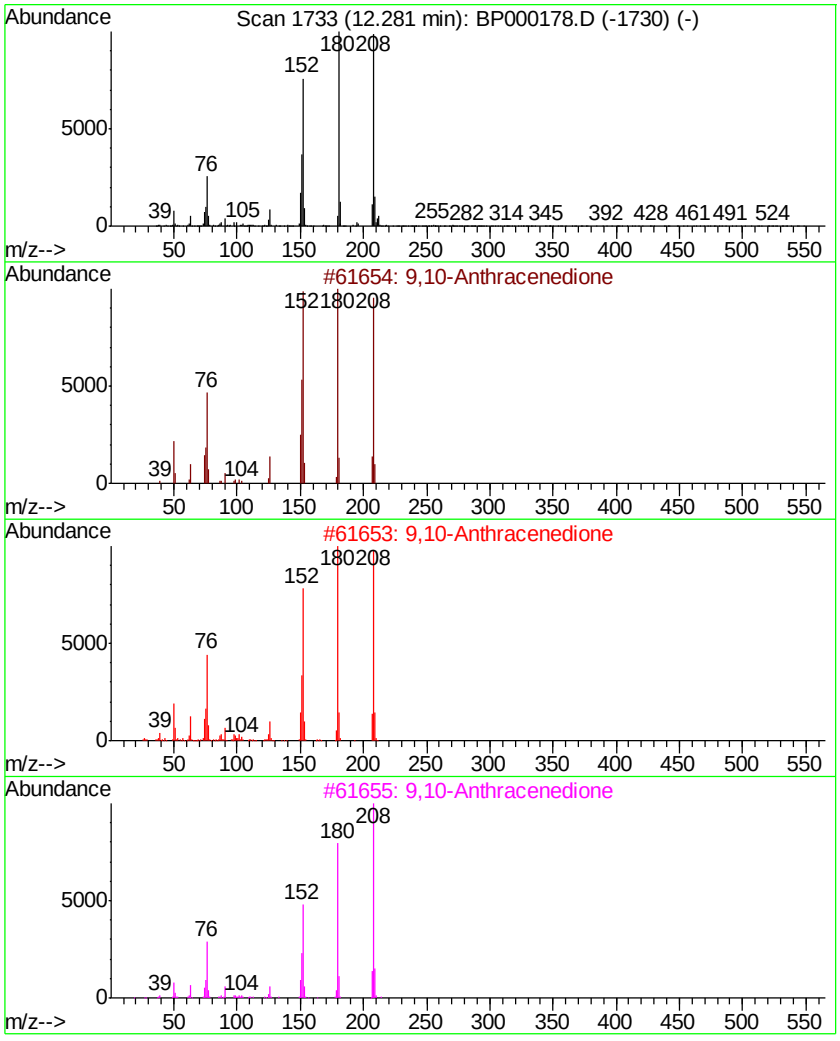
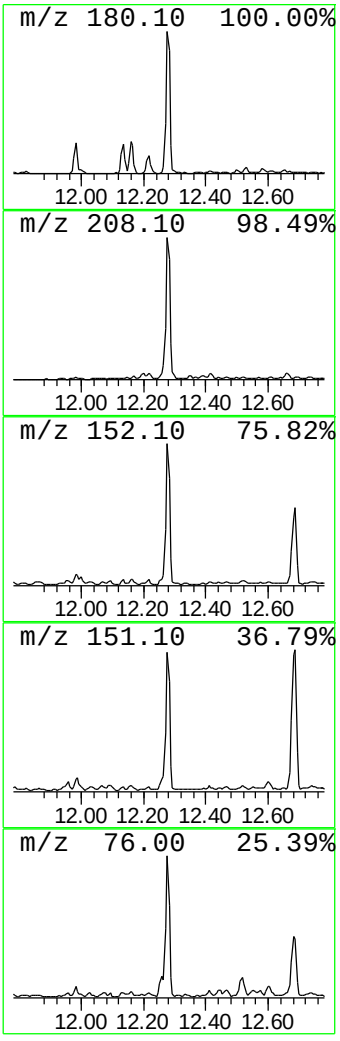
Peak Number 5 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.64 ng/ul	556017	Phenanthrene-d10	11.45

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	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	62





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Quant Title : SVOA CALIBRATION

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

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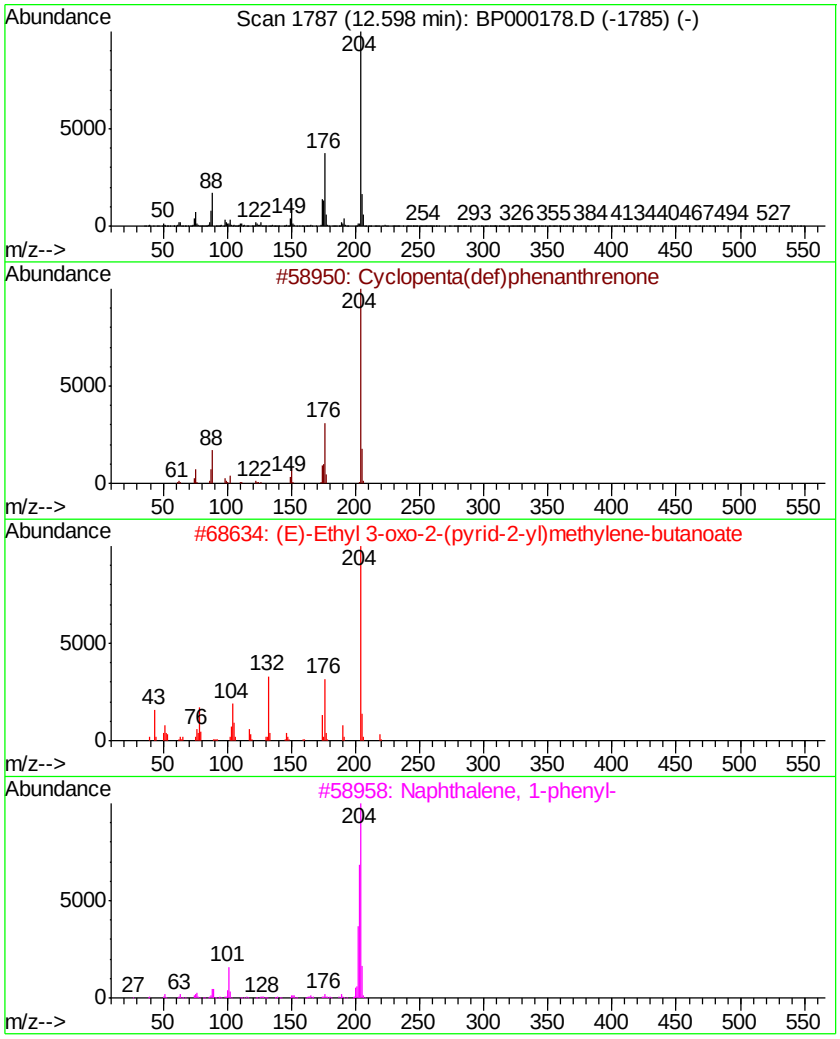
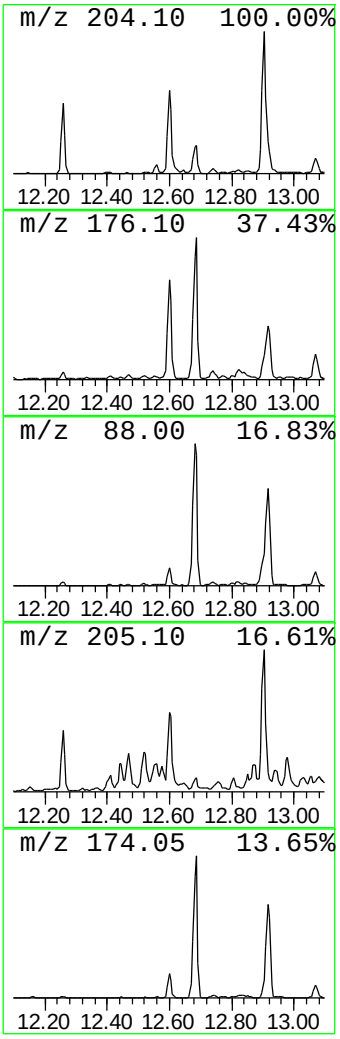
Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.19 ng/ul	462094	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
5	2-Methyl-5-nitroindole-3-carboxa...	204	C10H8N2O3	003558-17-6	43





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ClientSampleId : F2D26

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Quant Title : SVOA CALIBRATION

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

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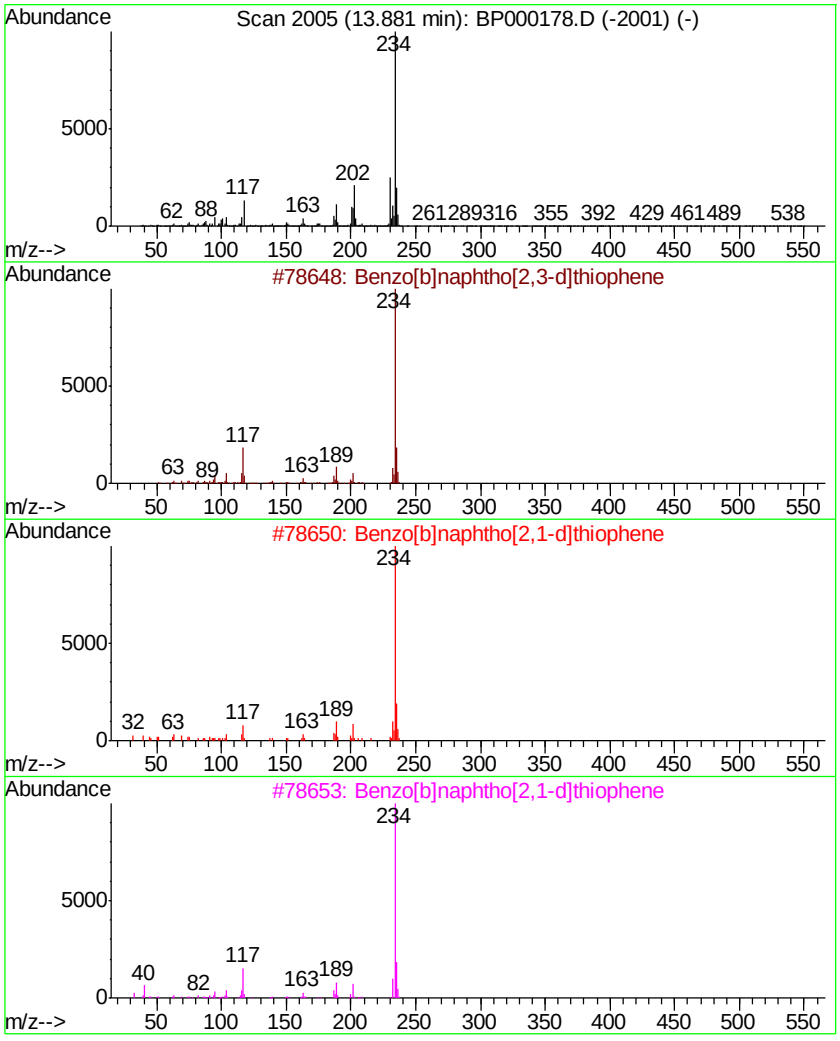
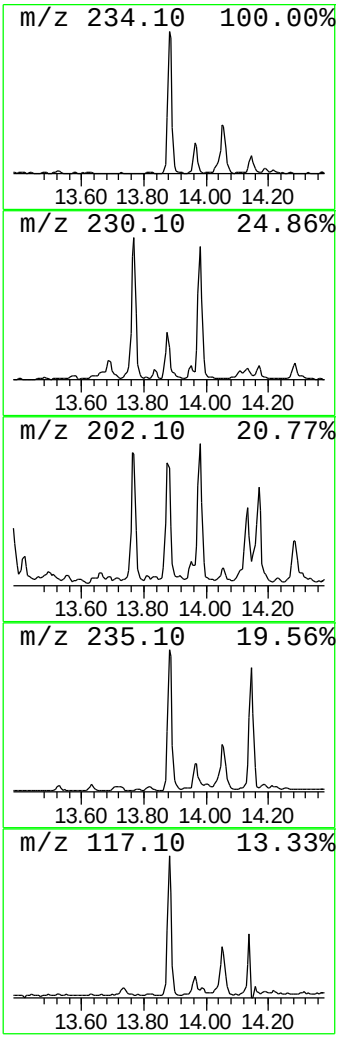
Peak Number 8 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.97 ng/ul	1501750	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62





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ClientSampleId : F2D26

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Quant Title : SVOA CALIBRATION

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

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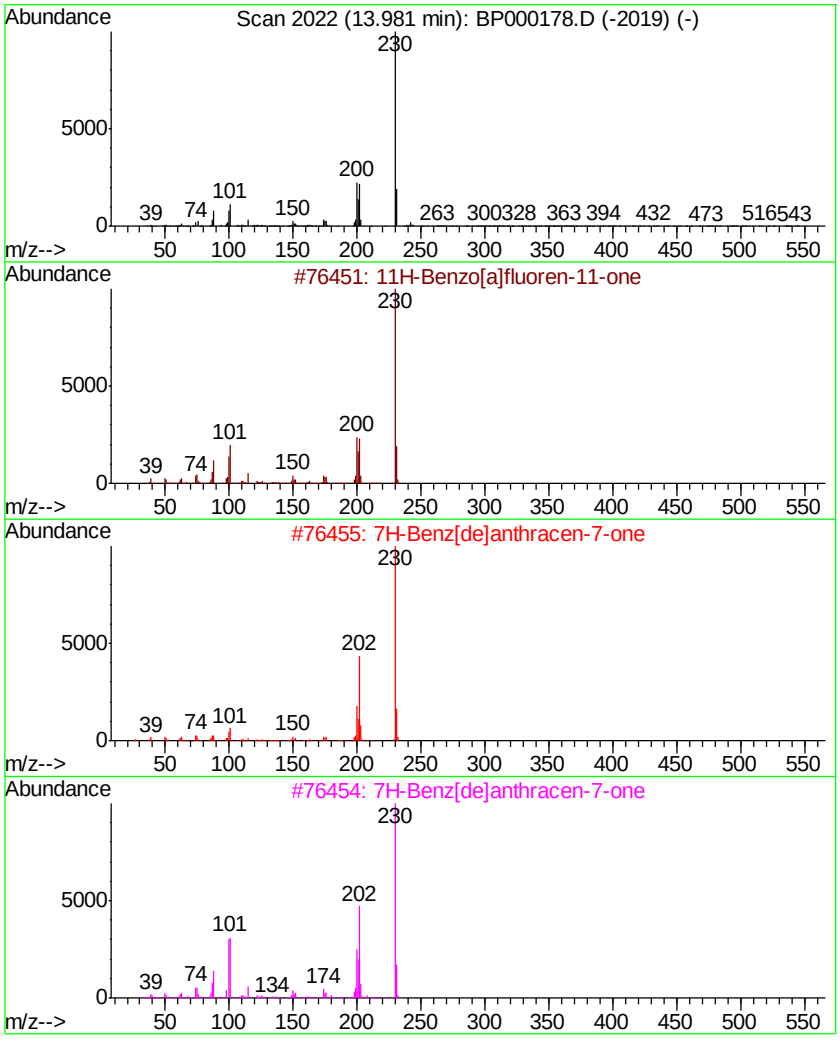
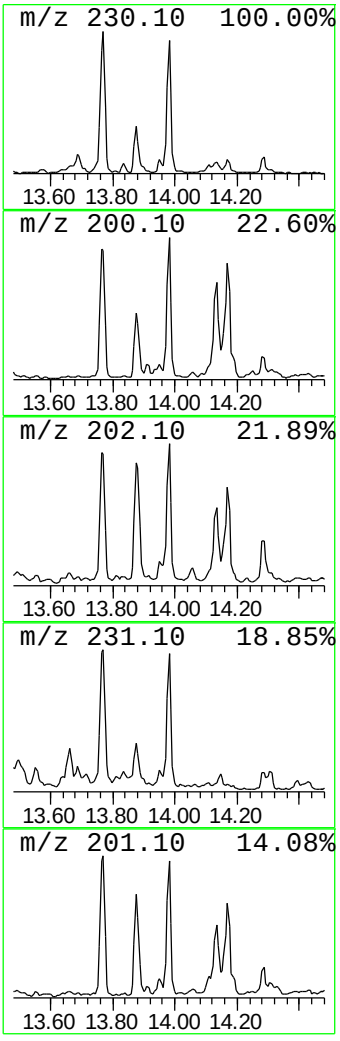
Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.14 ng/ul	1085990	Chrysene-d12	14.15

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	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Sample : K4634-08
Misc :
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Quant Title : SVOA CALIBRATION

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

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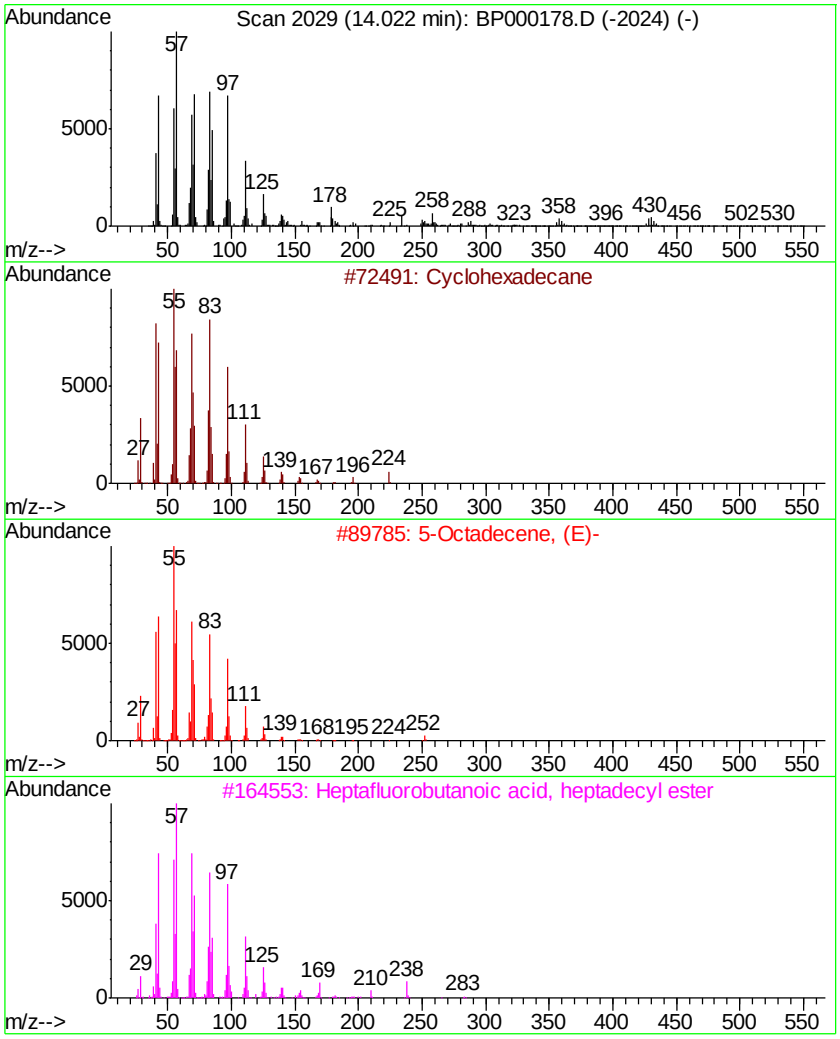
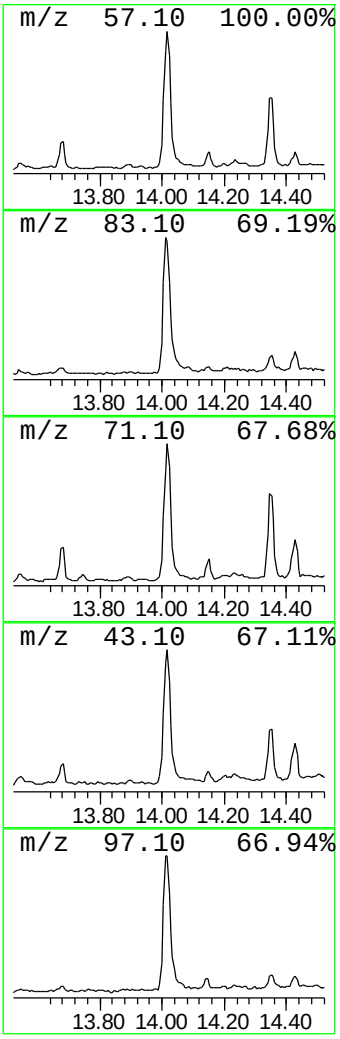
Peak Number 10 (DEL) Alkane: Cyclic14.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.29 ng/ul	1158290	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	Cycloeicosane	280	C20H40	000296-56-0	90





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Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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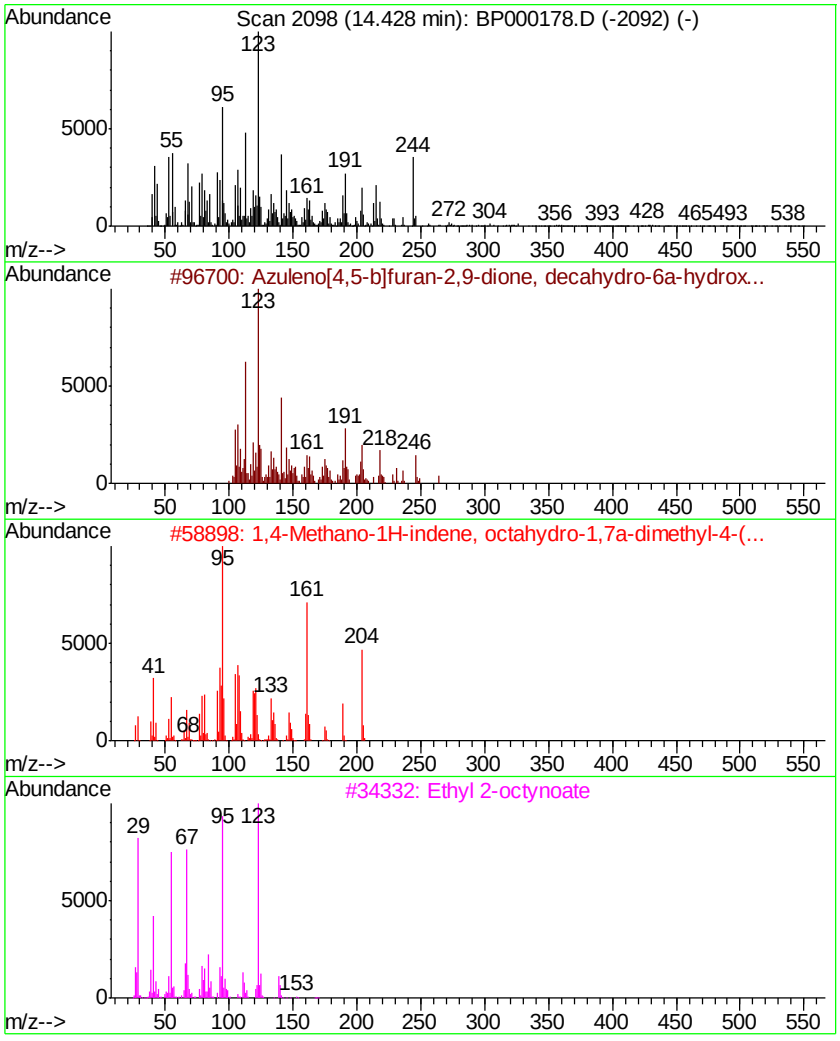
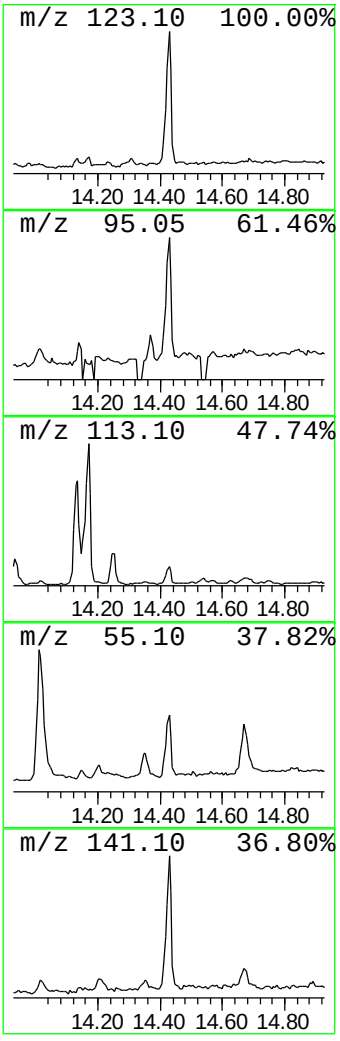
Peak Number 11 Azuleno[4,5-b]furan-2,9-dio... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.37 ng/ul	1198780	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno[4,5-b]furan-2,9-dione, d...	264	C15H20O4	002571-81-5	95
2	1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	44
3	Ethyl 2-octynoate	168	C10H16O2	010519-20-7	38
4	2-(1-Hydroxycycloheptyl)-furan	180	C11H16O2	115754-89-7	38
5	Photocitral a	152	C10H16O	1000292-85-0	30





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Sample : K4634-08
Misc :
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Instrument : BNA_P
ClientSampleId : F2D26

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Quant Title : SVOA CALIBRATION

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

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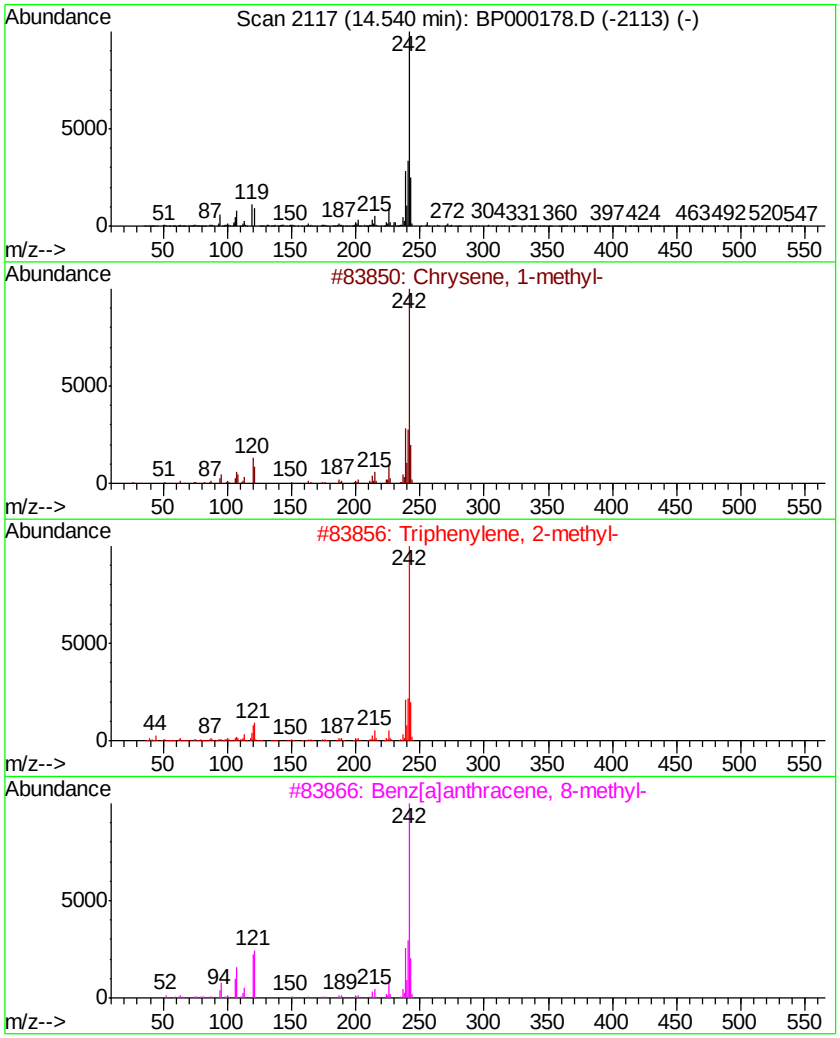
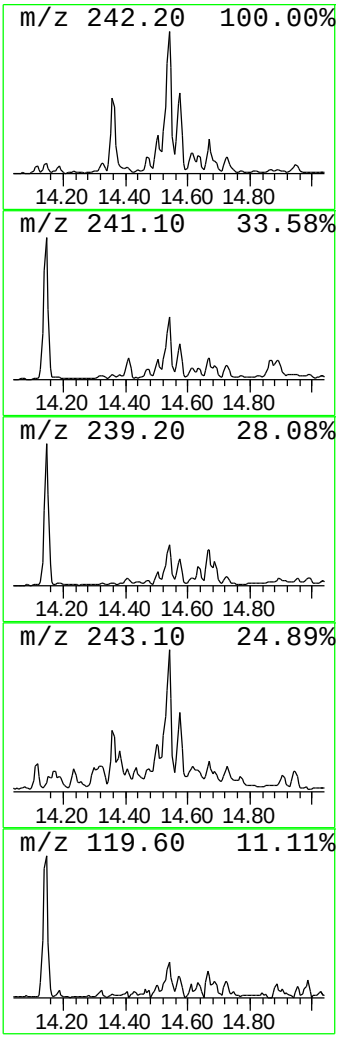
Peak Number 12 Chrysene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.06 ng/ul	1045110	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4	Chrysene, 6-methyl-	242	C19H14	003697-24-3	90
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90





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ClientSampleId : F2D26

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Quant Title : SVOA CALIBRATION

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

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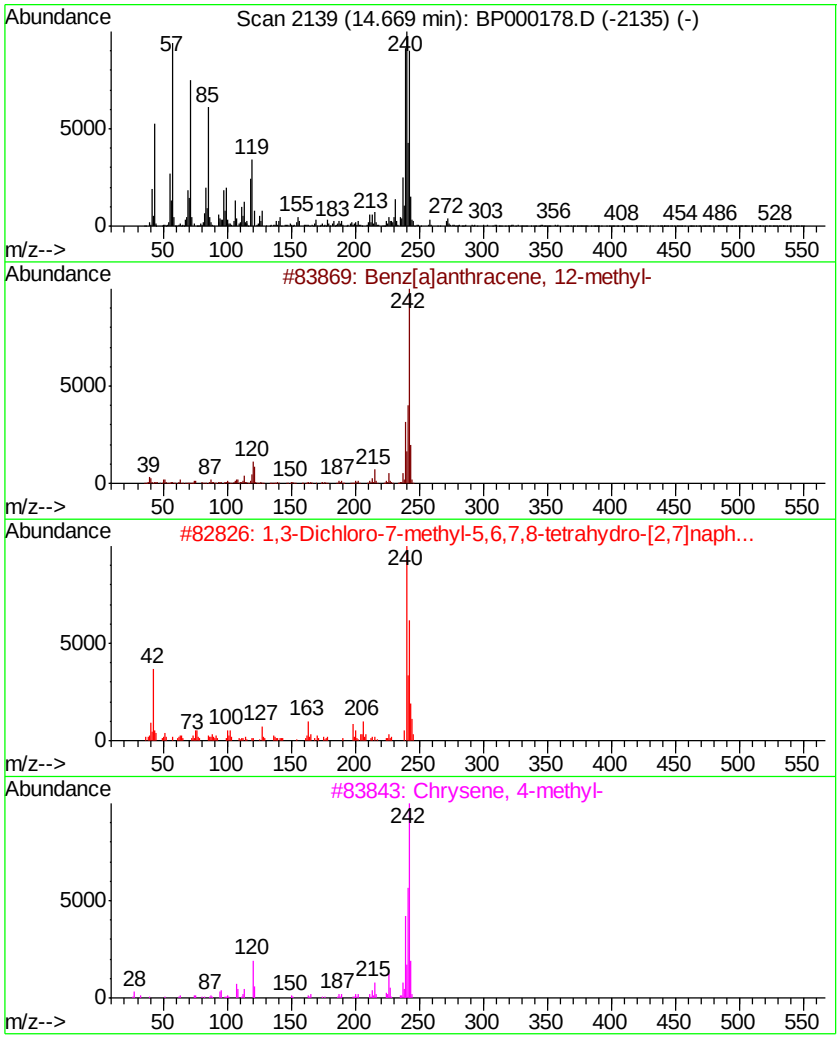
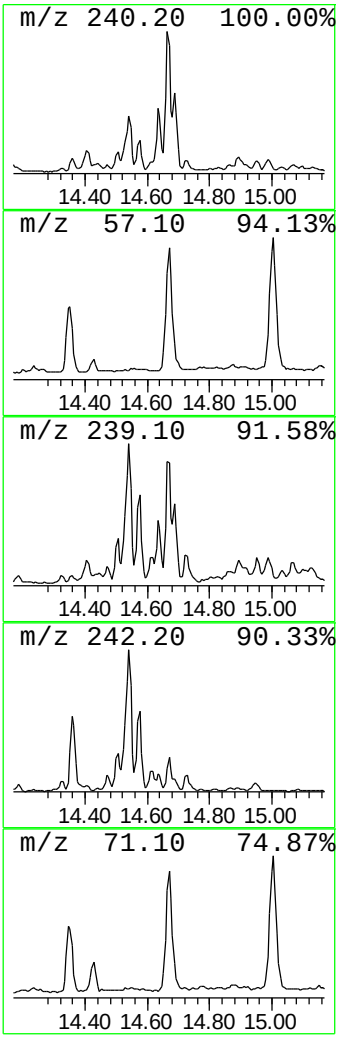
Peak Number 13 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.39 ng/ul	1208920	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	40
2	1,3-Dichloro-7-methyl-5,6,7,8-te...	241	C10H9Cl2N3	1000274-39-1	38
3	Chrysene, 4-methyl-	242	C19H14	003351-30-2	25
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	25
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	25





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Quant Title : SVOA CALIBRATION

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

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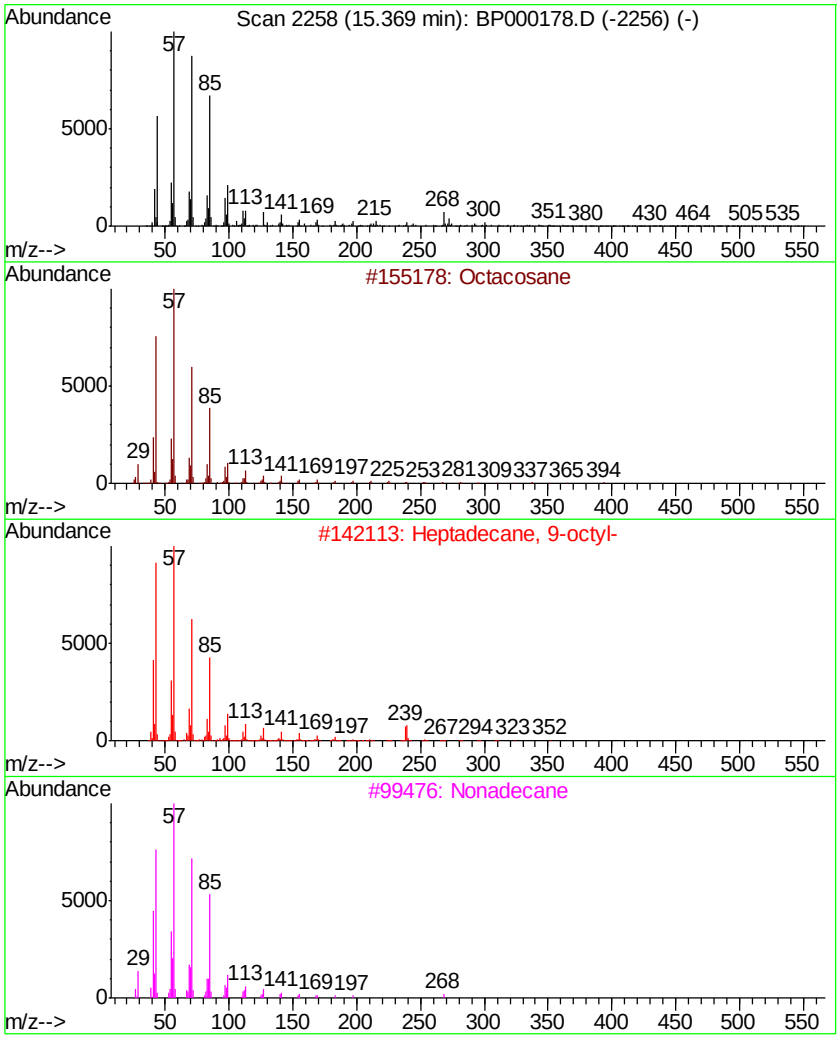
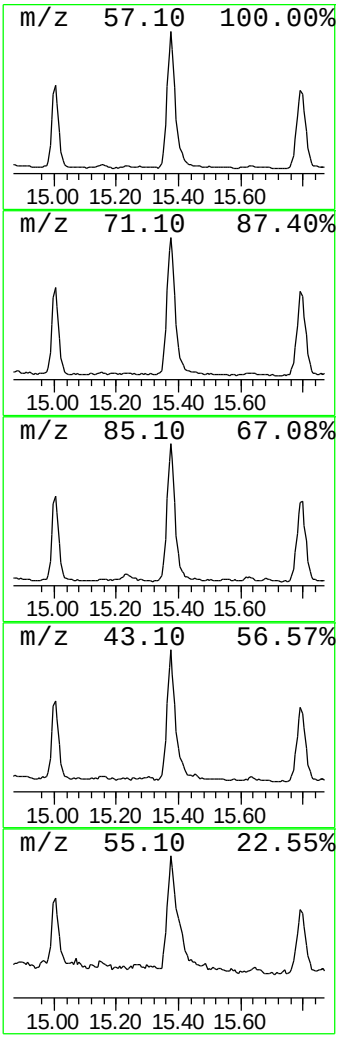
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.84 ng/ul	1036550	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Sample : K4634-08
Misc :
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Instrument : BNA_P
ClientSampleId : F2D26

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Quant Title : SVOA CALIBRATION

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

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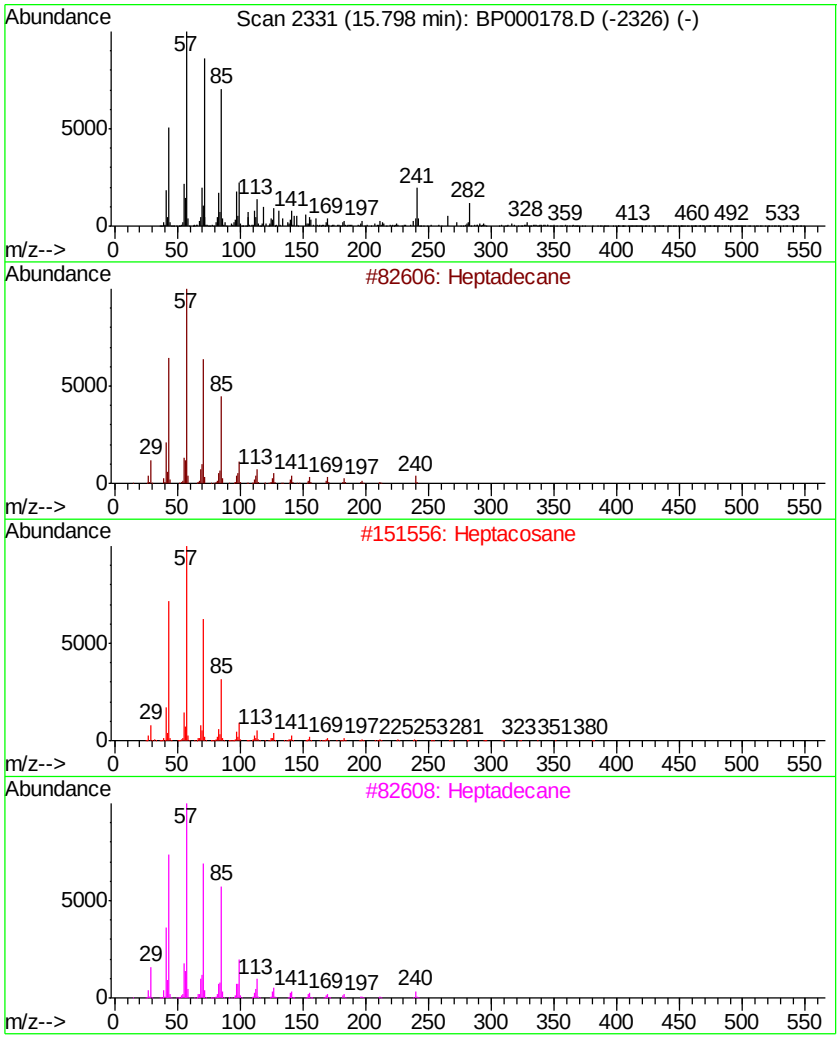
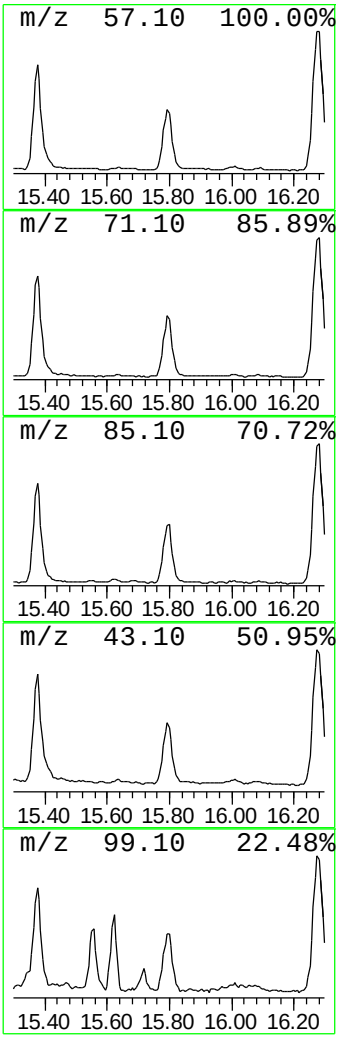
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	5.40 ng/ul	959257	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptacosane	380	C27H56	000593-49-7	95
3	Heptadecane	240	C17H36	000629-78-7	93
4	Eicosane	282	C20H42	000112-95-8	76
5	Heptacosane	380	C27H56	000593-49-7	70





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Quant Title : SVOA CALIBRATION

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

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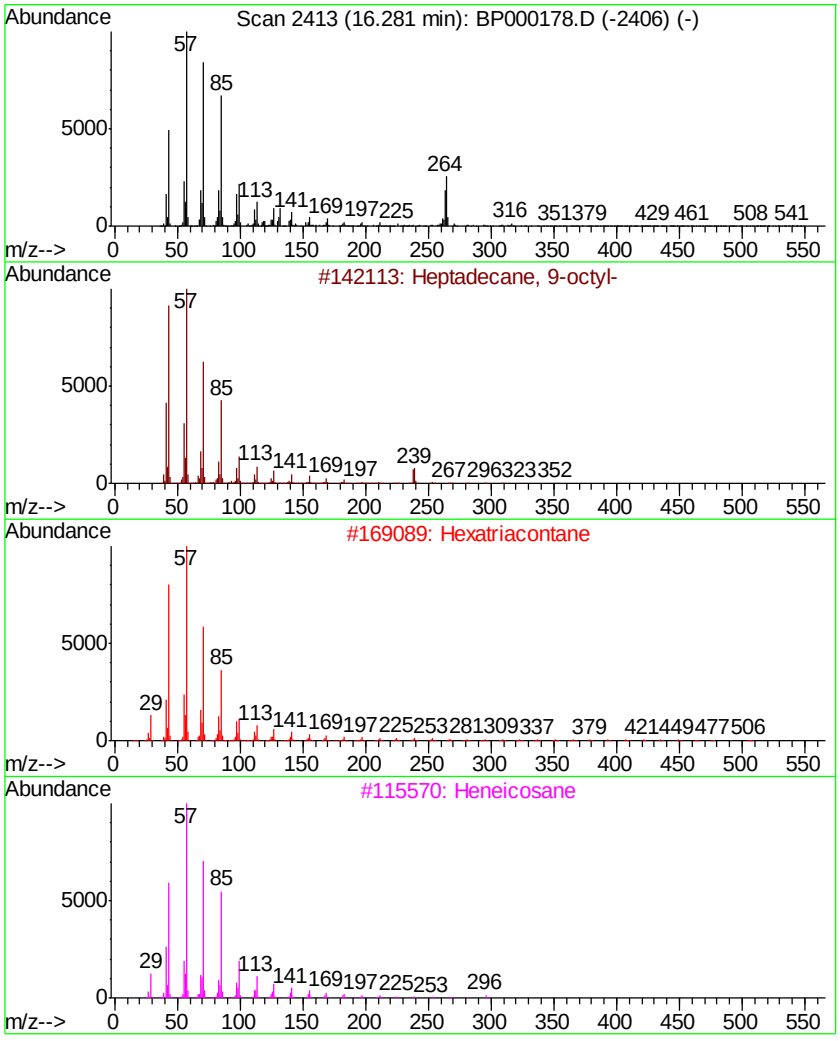
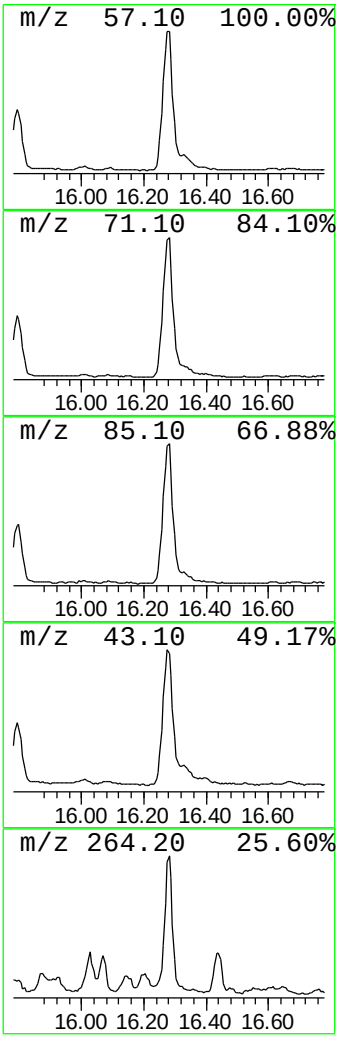
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	14.27 ng/ul	2533430	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Heneicosane	296	C21H44	000629-94-7	70
4	Tetratriacontane	479	C34H70	014167-59-0	70
5	Eicosane	282	C20H42	000112-95-8	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000178.D
Acq On : 10 Sep 2019 20:38
Operator : HP/JU
Sample : K4634-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

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

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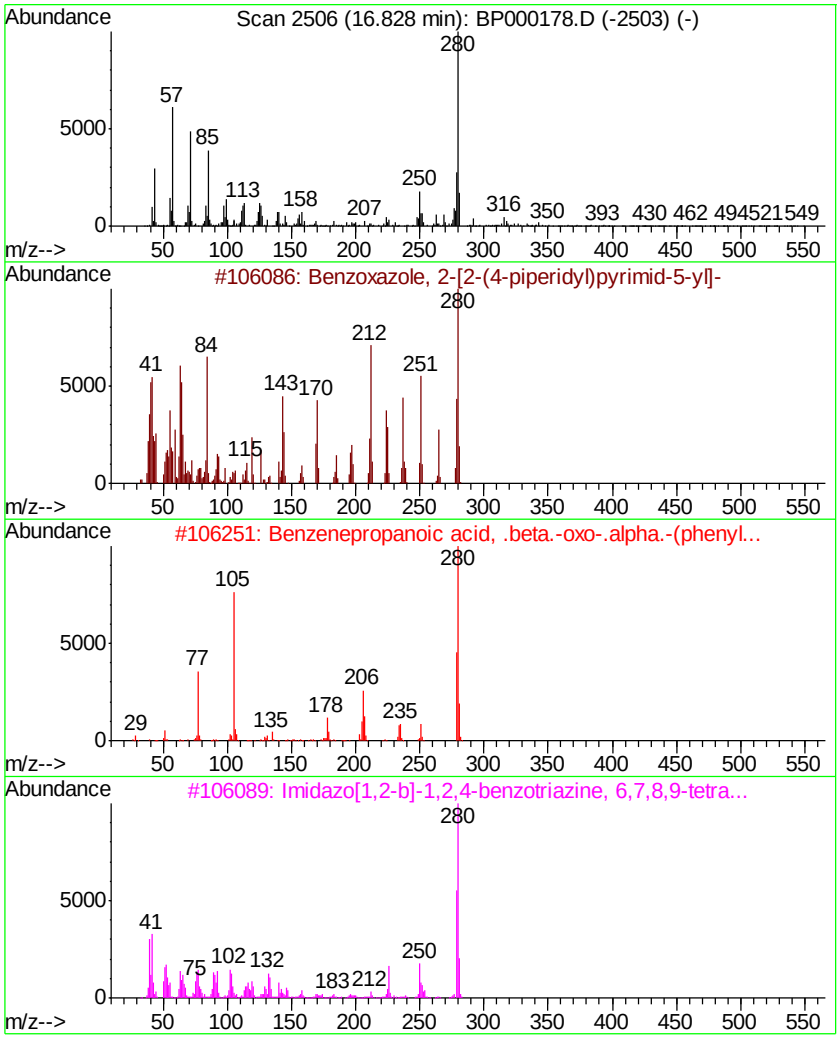
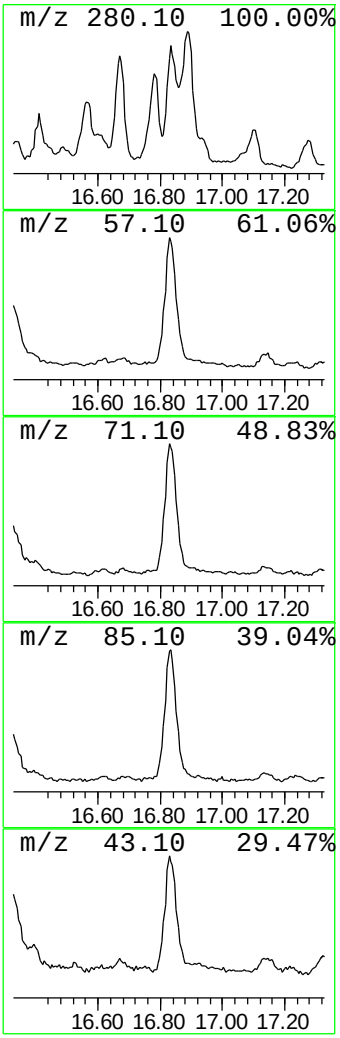
Peak Number 18 Benzoxazole, 2-[2-(4-piperi... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.45 ng/ul	435480	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoxazole, 2-[2-(4-piperidyl)p...	280	C16H16N4O	1000294-14-8	55
2	Benzenepropanoic acid, .beta.-ox...	280	C18H16O3	017451-18-2	47
3	Imidazo[1,2-b]-1,2,4-benzotriazi...	280	C16H16N4O	1000277-17-5	38
4	7-Methoxy-2-(3-pyridyl)-4-quinol...	280	C16H12N2O3	303100-34-7	38
5	Dibenz[a,h]anthracene, 5,6-dihydro-	280	C22H16	000153-34-4	37





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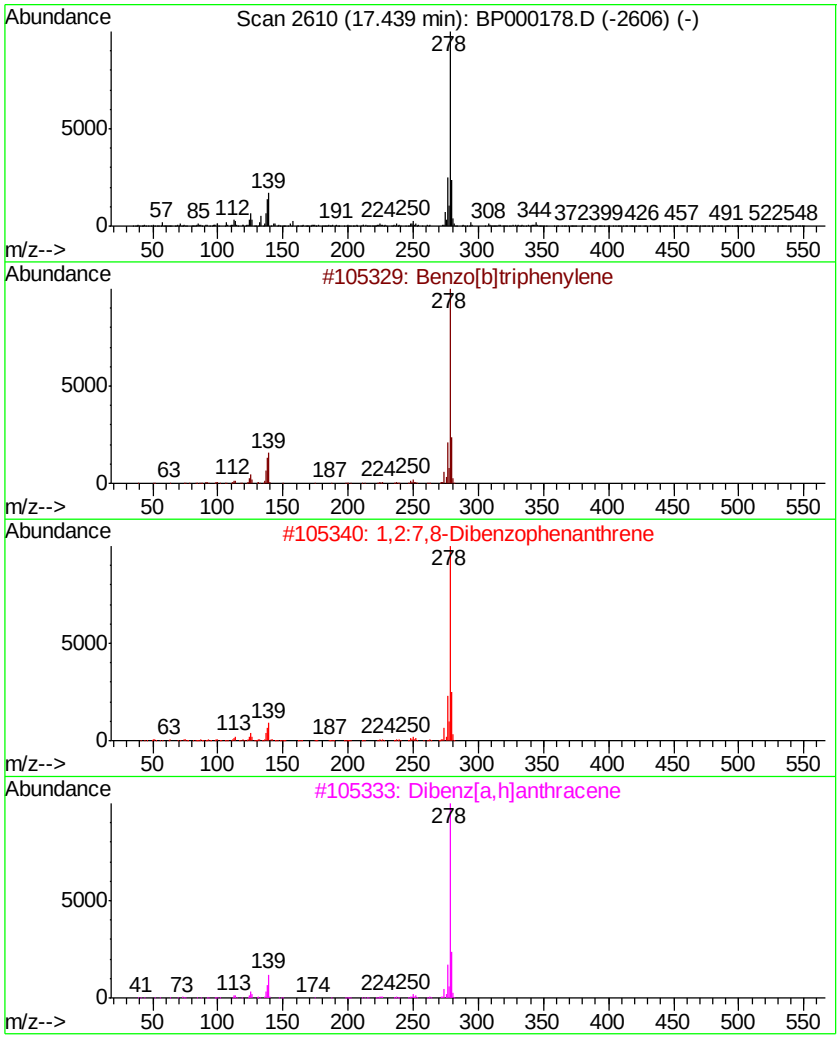
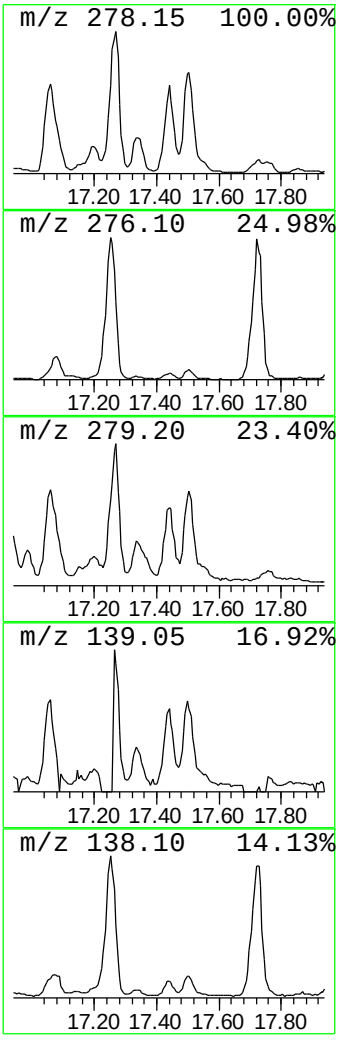
Peak Number 20 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	2.72 ng/ul	483374	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Pentacene	278	C22H14	000135-48-8	96
5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96





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Instrument : BNA_P
ClientSampleId : F2D26

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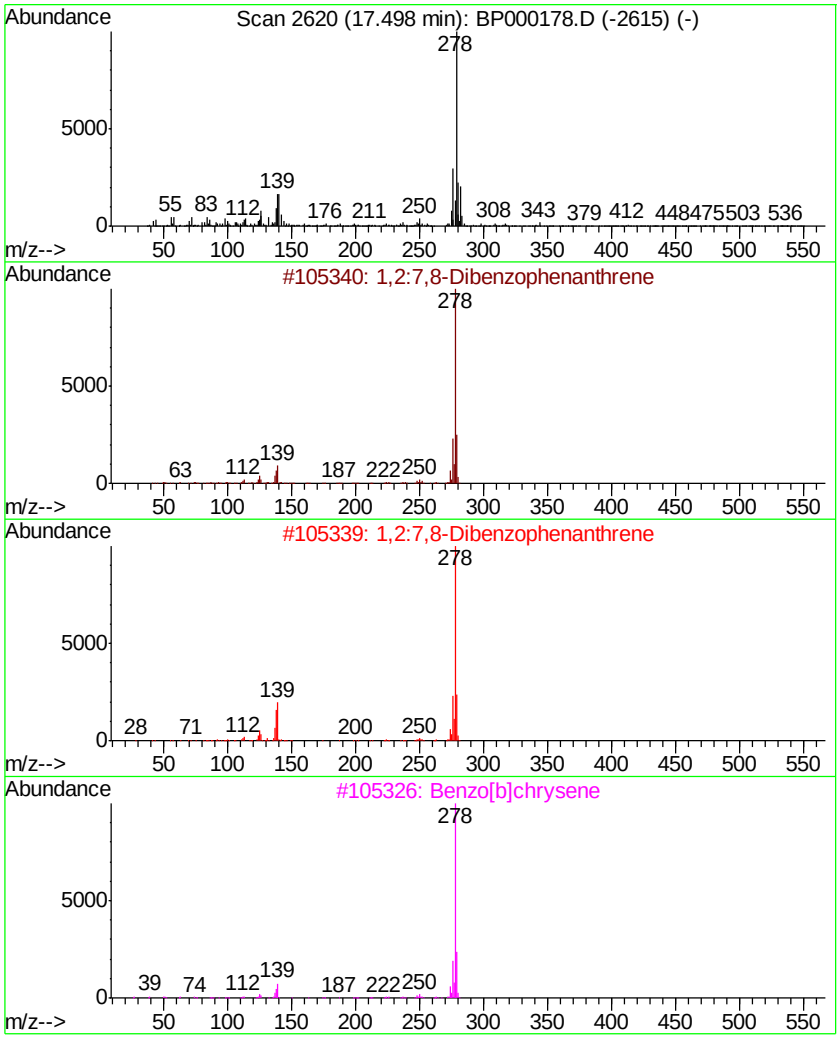
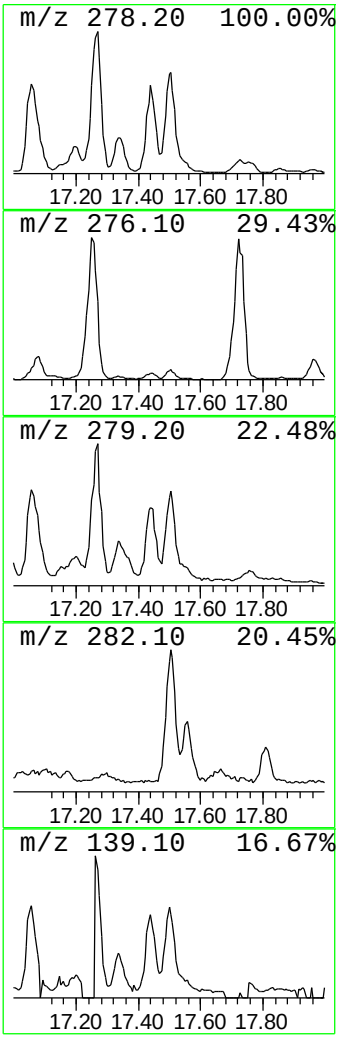
Peak Number 21 1,2:7,8-Dibenzophenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	7.46 ng/ul	1325010	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
3	Benzo[b]chrysene	278	C22H14	000214-17-5	96
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
5	Pentaphene	278	C22H14	000222-93-5	94





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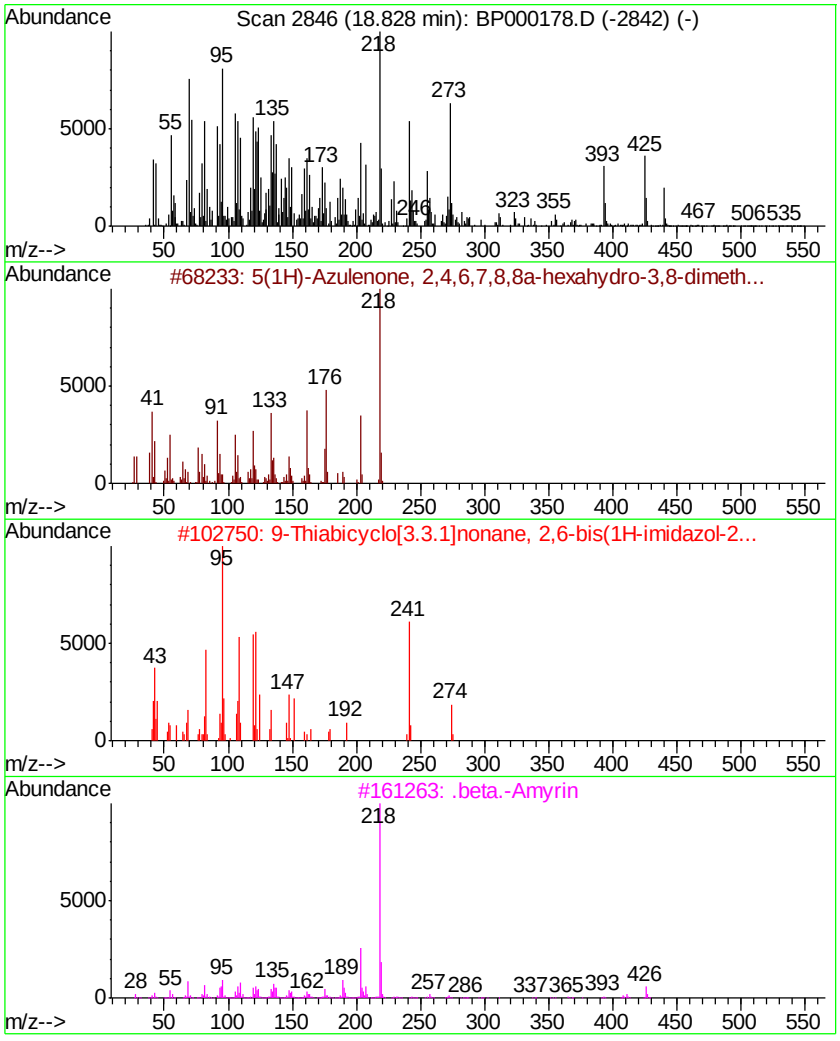
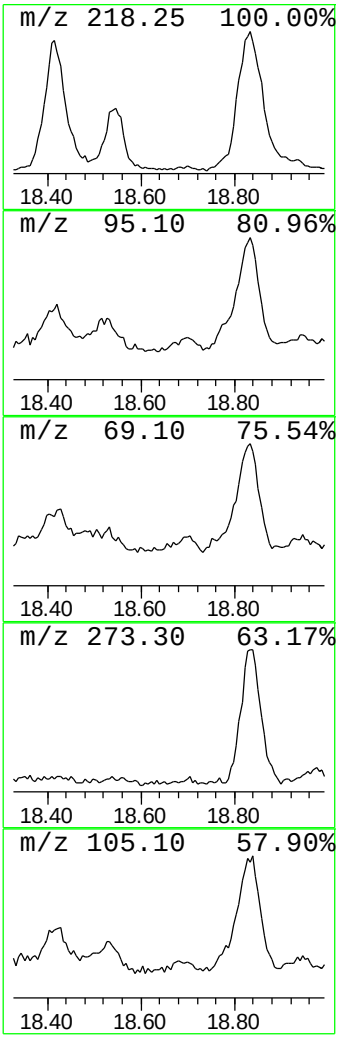
Peak Number 23 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	7.19 ng/ul	1276580	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	38
2	9-Thiabicyclo[3.3.1]nonane, 2,6-...	274	C14H18N4S	1000141-52-1	38
3	.beta.-Amyrin	426	C30H50O	000559-70-6	27
4	D:C-Friedo-B':A'-neogammacer-9(1...	440	C31H52O	004555-56-0	25
5	3,7,11-Trimethyl-dodeca-2,4,6,10...	218	C15H22O	013832-89-8	25





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.18	164.7	ng/ul	19626600	1	6.89	2383350	20.0
Anthracene, 2-met...	11.96	2.0	ng/ul	430340	4	11.45	4219970	20.0
n-Hexadecanoic acid	12.00	9.0	ng/ul	1890230	4	11.45	4219970	20.0
4H-Cyclopenta[def...	12.07	3.5	ng/ul	748151	4	11.45	4219970	20.0
9,10-Anthracenedione	12.28	2.6	ng/ul	556017	4	11.45	4219970	20.0
Cyclopenta(def)ph...	12.60	2.2	ng/ul	462094	4	11.45	4219970	20.0
Benzo[b]naphtho[2...	13.88	3.0	ng/ul	1501750	5	14.15	10128900	20.0
11H-Benzo[a]fluor...	13.98	2.1	ng/ul	1085990	5	14.15	10128900	20.0
(DEL) Alkane: Cyc...	14.02	2.3	ng/ul	1158290	5	14.15	10128900	20.0
Azuleno[4,5-b]fur...	14.43	2.4	ng/ul	1198780	5	14.15	10128900	20.0
Chrysene, 1-methyl-	14.54	2.1	ng/ul	1045110	5	14.15	10128900	20.0
unknown-01	14.67	2.4	ng/ul	1208920	5	14.15	10128900	20.0
(DEL) Alkane: Str...	15.37	5.8	ng/ul	1036550	6	15.69	3550240	20.0
(DEL) Alkane: Str...	15.80	5.4	ng/ul	959257	6	15.69	3550240	20.0
(DEL) Alkane: Str...	16.28	14.3	ng/ul	2533430	6	15.69	3550240	20.0
Benzoxazole, 2-[2...	16.83	2.5	ng/ul	435480	6	15.69	3550240	20.0
Benzo[b]triphenylene	17.44	2.7	ng/ul	483374	6	15.69	3550240	20.0
1,2:7,8-Dibenzoph...	17.50	7.5	ng/ul	1325010	6	15.69	3550240	20.0
unknown-02	18.83	7.2	ng/ul	1276580	6	15.69	3550240	20.0