LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136705.D
Acq On : 23 Dec 2023 01:41
Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-122023

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_F\Methods\8270-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136705.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	492	495	499	rVB2	12158	11370	1.93%	0.133%
2	5.422	563	567	576	rBV	287462	266788	45.29%	3.131%
3	6.428	734	738	746	rBV	286634	254841	43.26%	2.991%
4	6.781	795	798	802	rBV	396314	331638	56.30%	3.892%
5	7.339	890	893	897	rBV	196168	148767	25.25%	1.746%
6	7.375	897	899	902	rVV	34300	23288	3.95%	0.273%
7	7.581	931	934	938	rVB2	7589	8731	1.48%	0.102%
8	7.745	958	962	965	rVB3	7174	9217	1.56%	0.108%
9	7.810	969	973	978	rVB4	9989	16521	2.80%	0.194%
10	8.057	1010	1015	1018	rVV	424627	410691	69.72%	4.820%
11	8.122	1021	1026	1028	rVB2	16315	18429	3.13%	0.216%
12	8.351	1060	1065	1068	rBV5	12688	19409	3.29%	0.228%
13	8.439	1077	1080	1083	rBV3	10381	10850	1.84%	0.127%
14	8.480	1083	1087	1089	rBV2	18227	16512	2.80%	0.194%
15	8.563	1099	1101	1104	rBV3	14074	11370	1.93%	0.133%
16	8.651	1113	1116	1120	rBV	54773	44861	7.62%	0.527%
17	8.775	1135	1137	1140	rVB	13958	10344	1.76%	0.121%
18	8.869	1149	1153	1158	rBV3	13586	21054	3.57%	0.247%
19	9.016	1174	1178	1182	rVB4	9447	10223	1.74%	0.120%
20	9.080	1187	1189	1191	rVV2	14911	11954	2.03%	0.140%
21	9.133	1195	1198	1203	rBV	336023	246047	41.77%	2.888%
22	9.216	1208	1212	1216	rBV	53645	49044	8.33%	0.576%
23	9.404	1238	1244	1246	rBV3	12096	14814	2.51%	0.174%
24	9.475	1253	1256	1258	rBV	21526	18867	3.20%	0.221%
25	9.498	1258	1260	1262	rVV3	13676	10255	1.74%	0.120%
26	9.539	1262	1267	1269	rVV3	21794	24059	4.08%	0.282%
27	9.592	1274	1276	1280	rVB3	13009	12797	2.17%	0.150%
28	9.675	1287	1290	1295	rVB	30861	24865	4.22%	0.292%
29	9.751	1300	1303	1306	rVB	43173	36662	6.22%	0.430%
30	9.816	1310	1314	1317	rVV	422153	326881	55.49%	3.836%
31	9.845	1317	1319	1323	rVB	34446	27693	4.70%	0.325%
32	9.975	1338	1341	1344	rBV4	6127	9047	1.54%	0.106%
33	10.022	1344	1349	1354	rVV	28677	35383	6.01%	0.415%
34	10.057	1354	1355	1361	rVB6	11122	16668	2.83%	0.196%
35	10.133	1365	1368	1370	rBV2	9229	9286	1.58%	0.109%
36	10.157	1370	1372	1376	rVB5	8946	9263	1.57%	0.109%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

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_F\Methods\8270-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.251	1385	1388	1390	rBV	40373	30915	5.25%	0.363%
38	10.363	1404	1407	1413	rVB	55045	51640	8.77%	0.606%
39	10.474	1420	1426	1428	rBV3	18786	25859	4.39%	0.303%
40	10.522	1431	1434	1437	rVB	14657	13911	2.36%	0.163%
41	10.604	1443	1448	1452	rBV	149489	150236	25.50%	1.763%
42	10.727	1466	1469	1475	rBV	38783	51755	8.79%	0.607%
43	10.916	1496	1501	1503	rBV3	17664	19270	3.27%	0.226%
44	10.945	1503	1506	1510	rVB4	12750	15281	2.59%	0.179%
45	10.998	1510	1515	1519	rBV7	8250	14303	2.43%	0.168%
46	11.039	1519	1522	1525	rVV5	9890	14779	2.51%	0.173%
47	11.063	1525	1526	1531	rVV4	11045	11403	1.94%	0.134%
48	11.116	1532	1535	1538	rVV4	8938	9735	1.65%	0.114%
49	11.157	1539	1542	1543	rVV2	9211	9451	1.60%	0.111%
50	11.174	1543	1545	1547	rVV	31801	26267	4.46%	0.308%
51	11.204	1547	1550	1557	rVB	38466	39768	6.75%	0.467%
52	11.304	1564	1567	1569	rBV	386312	342429	58.13%	4.019%
53	11.327	1569	1571	1575	rVV	351510	323831	54.97%	3.801%
54	11.380	1577	1580	1583	rVV	110321	91198	15.48%	1.070%
55	11.421	1583	1587	1589	rVV4	9921	11508	1.95%	0.135%
56	11.545	1605	1608	1614	rVV	19837	31512	5.35%	0.370%
57	11.604	1615	1618	1621	rVV	40368	32616	5.54%	0.383%
58	11.639	1621	1624	1630	rVV3	14235	20484	3.48%	0.240%
59	11.704	1633	1635	1641	rVV2	78818	71322	12.11%	0.837%
60	11.810	1650	1653	1655	rVV	57725	50248	8.53%	0.590%
61	11.839	1655	1658	1664	rVV	127090	122059	20.72%	1.433%
62	11.886	1664	1666	1669	rVV	32227	31126	5.28%	0.365%
63	11.921	1669	1672	1675	rVV	108025	116135	19.72%	1.363%
64	11.945	1675	1676	1680	rVB	43171	24401	4.14%	0.286%
65	12.016	1685	1688	1691	rVB2	22376	19887	3.38%	0.233%
66	12.110	1700	1704	1706	rBV	38277	33991	5.77%	0.399%
67	12.133	1706	1708	1712	rVB5	14952	13217	2.24%	0.155%
68	12.257	1727	1729	1732	rVB3	15869	12654	2.15%	0.149%
69	12.292	1732	1735	1737	rBV2	15902	17514	2.97%	0.206%
70	12.363	1743	1747	1749	rBV	40700	39052	6.63%	0.458%
71	12.392	1749	1752	1755	rVV	336917	356179	60.47%	4.180%
72	12.416	1755	1756	1759	rVV2	227233	149473	25.37%	1.754%
73	12.451	1759	1762	1767	rVB4	24626	32684	5.55%	0.384%
74	12.504	1768	1771	1772	rBV	34659	30057	5.10%	0.353%
75	12.527	1772	1775	1778	rVV	611974	532481	90.39%	6.249%
76	12.557	1778	1780	1788	rVB5	93102	166971	28.35%	1.960%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136705.D
Acq On : 23 Dec 2023 01:41
Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

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 >
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.621	1788	1791	1797	rBV2	27065	40397	6.86%	0.474%
78	12.674	1798	1800	1804	rVB	17339	15636	2.65%	0.184%
79	12.757	1804	1814	1816	rBV	508221	536178	91.02%	6.293%
80	12.780	1816	1818	1821	rVB3	36457	33811	5.74%	0.397%
81	12.874	1831	1834	1835	rBV2	32936	31496	5.35%	0.370%
82	12.898	1835	1838	1844	rVB	341832	310408	52.70%	3.643%
83	12.980	1846	1852	1855	rBV4	44380	78660	13.35%	0.923%
84	13.086	1863	1870	1873	rVB	87639	104437	17.73%	1.226%
85	13.151	1876	1881	1884	rVV	100663	105578	17.92%	1.239%
86	13.192	1884	1888	1891	rVV2	45585	52605	8.93%	0.617%
87	13.280	1901	1903	1906	rBV	27826	28259	4.80%	0.332%
88	13.315	1906	1909	1911	rVV	28097	27511	4.67%	0.323%
89	13.345	1911	1914	1919	rVB3	26672	34129	5.79%	0.401%
90	13.710	1973	1976	1978	rBV	34503	30893	5.24%	0.363%
91	13.733	1978	1980	1982	rBV	22120	17700	3.00%	0.208%
92	13.810	1991	1993	1996	rBV3	21752	23252	3.95%	0.273%
93	13.962	2014	2019	2021	rBV2	480310	589063	100.00%	6.913%
94	13.986	2021	2023	2029	rVB	186219	170412	28.93%	2.000%
95	14.068	2034	2037	2040	rVB	39196	32512	5.52%	0.382%
96	14.351	2083	2085	2088	rVB	39776	32389	5.50%	0.380%
97	15.009	2193	2197	2200	rBV2	99082	149670	25.41%	1.757%
98	15.309	2246	2248	2254	rVB	58074	65073	11.05%	0.764%
99	15.374	2256	2259	2265	rVB	92730	114357	19.41%	1.342%
100	15.439	2266	2270	2274	rBV	174454	210053	35.66%	2.465%

Sum of corrected areas: 8520570

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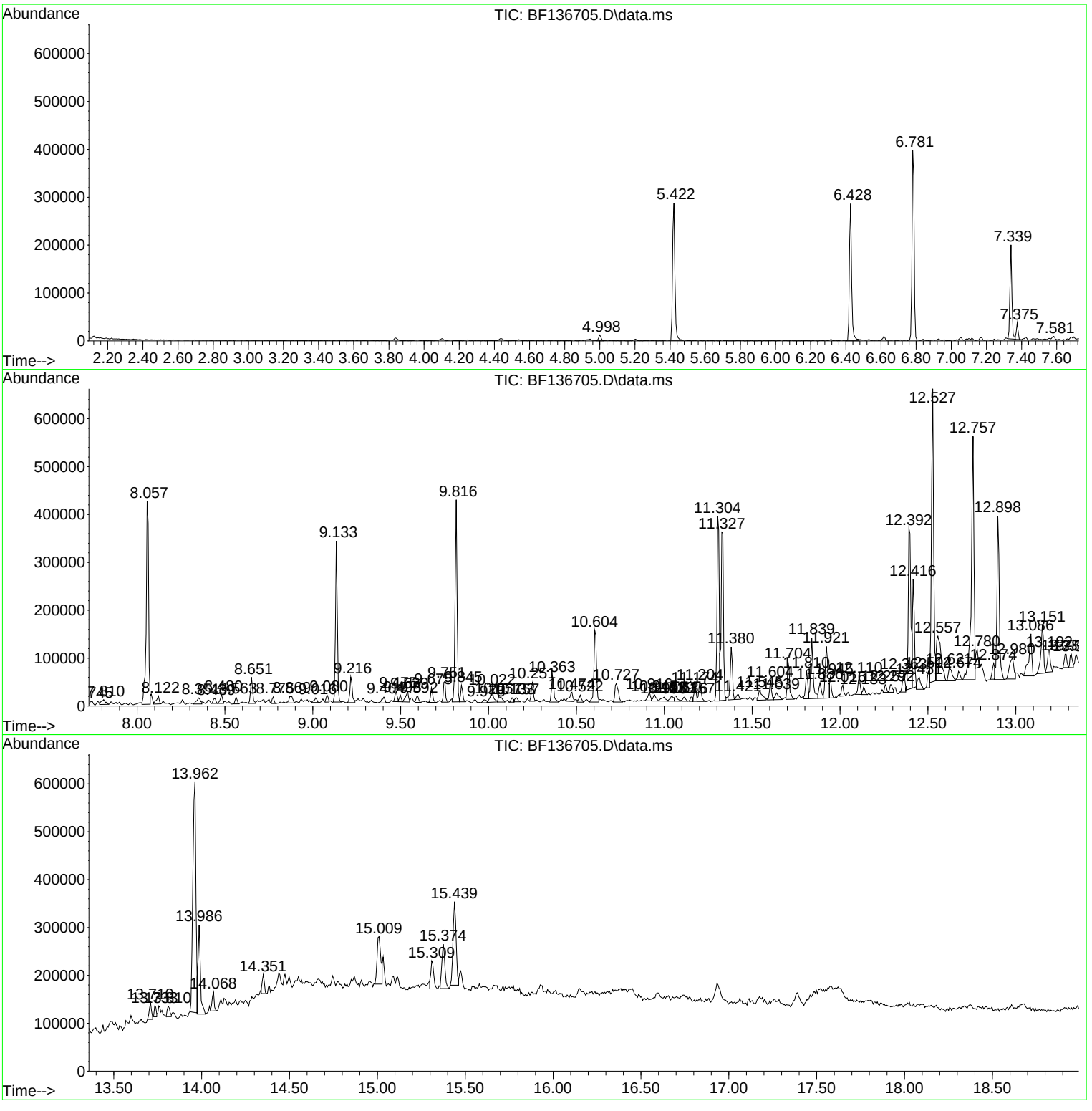
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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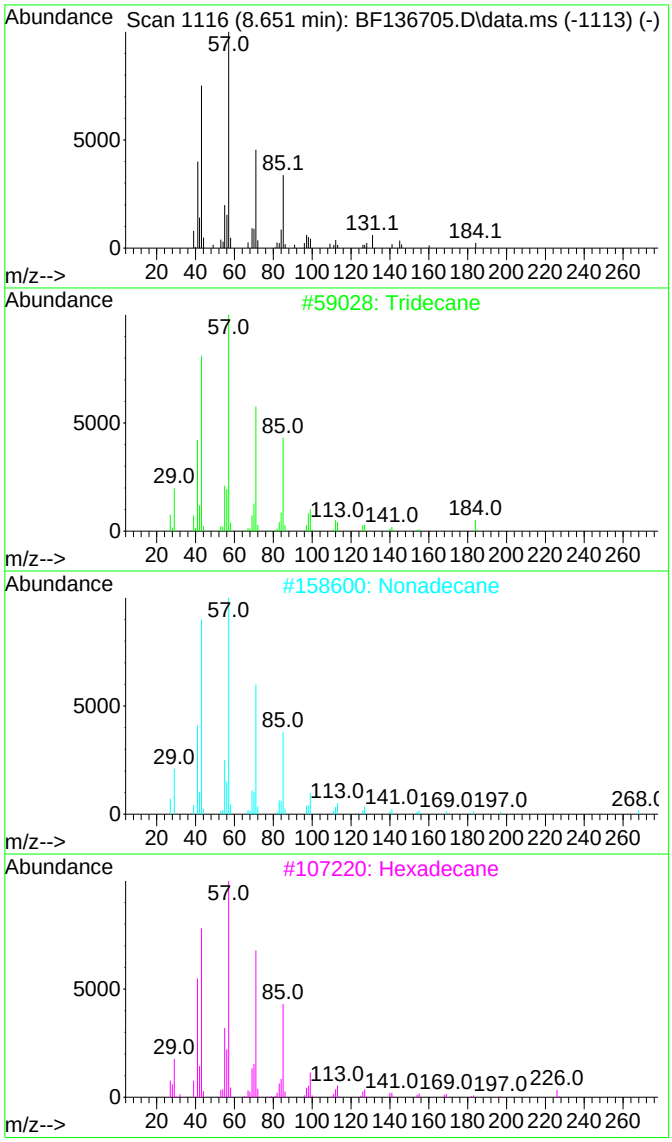
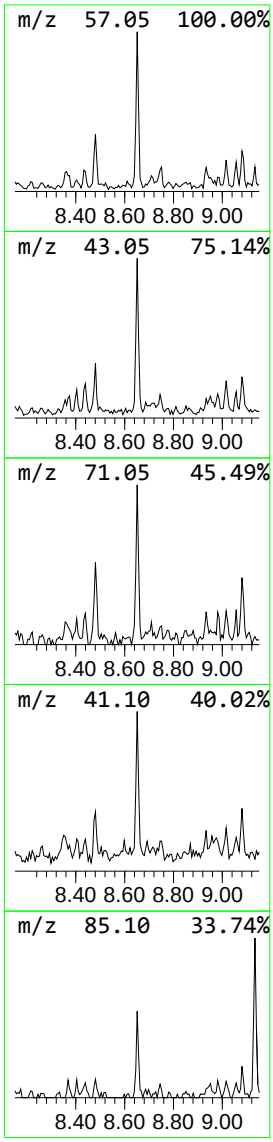
Peak Number 1 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	2.18 ng	44861	Naphthalene-d8	8.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Nonadecane	268	C19H40	000629-92-5	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	3-Dodecanone	184	C12H24O	001534-27-6	72
5	Dodecane	170	C12H26	000112-40-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136705.D
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Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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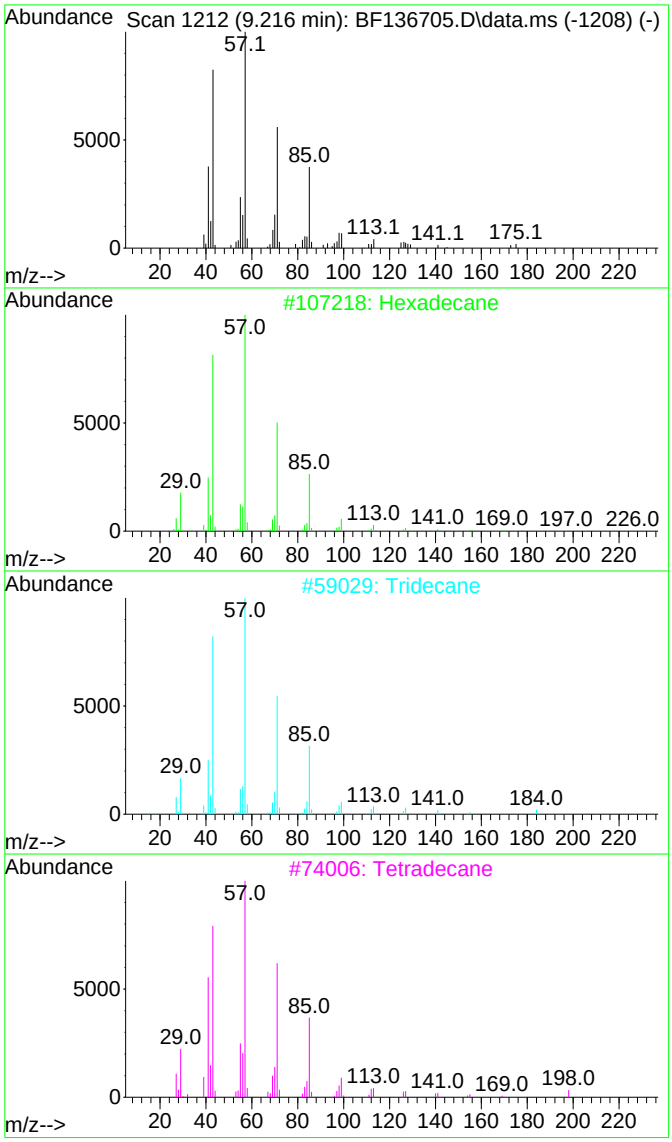
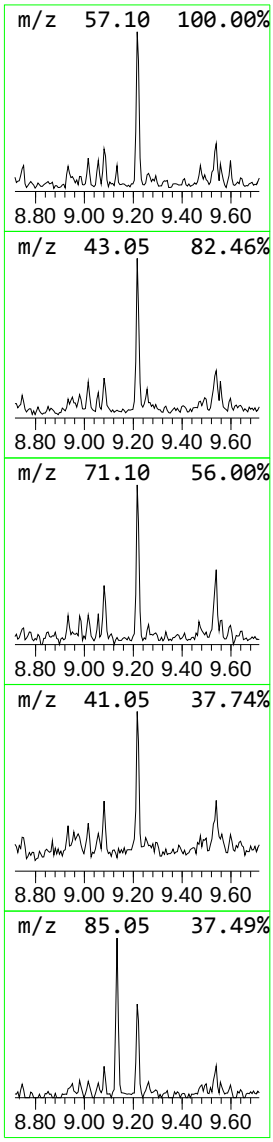
Peak Number 2 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	3.00 ng	49044	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	83
3	Tetradecane	198	C14H30	000629-59-4	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136705.D
Acq On : 23 Dec 2023 01:41
Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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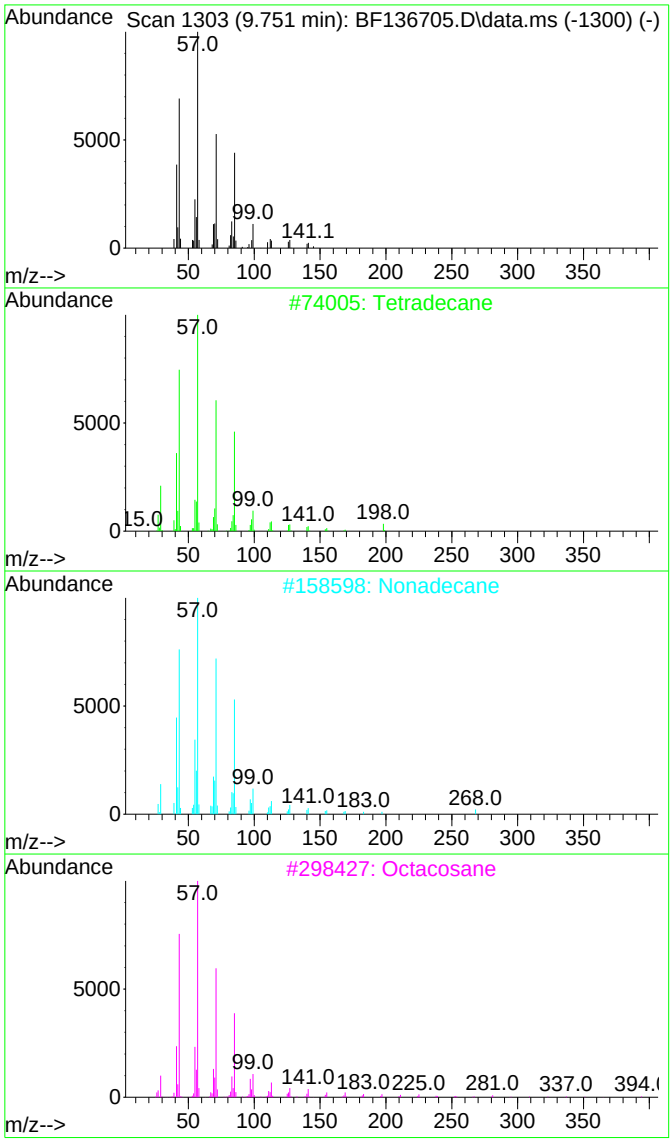
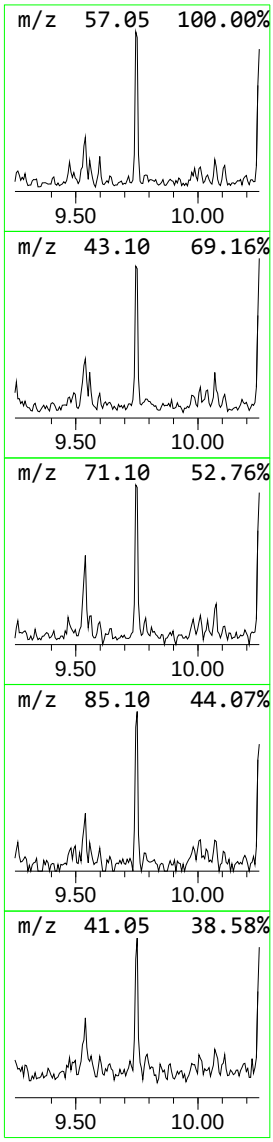
Peak Number 3 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	2.24 ng	36662	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Octacosane	394	C28H58	000630-02-4	86
4	Heptadecane	240	C17H36	000629-78-7	80
5	Octadecane	254	C18H38	000593-45-3	80





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Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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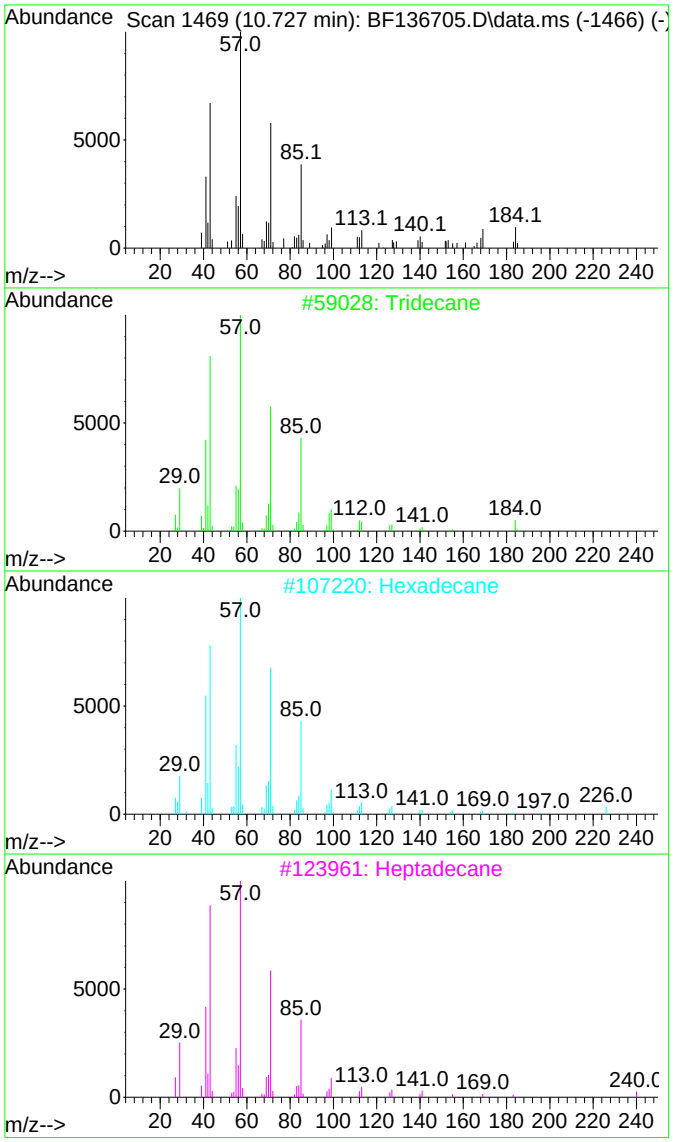
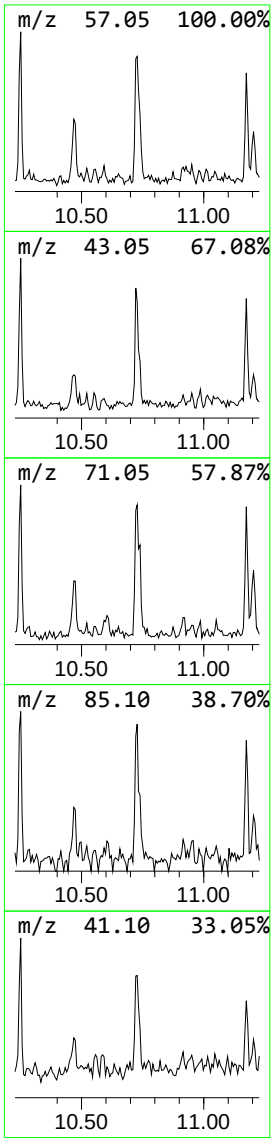
Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.727	3.02 ng	51755	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	74
3	Heptadecane	240	C17H36	000629-78-7	72
4	Heneicosane	296	C21H44	000629-94-7	68
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136705.D
Acq On : 23 Dec 2023 01:41
Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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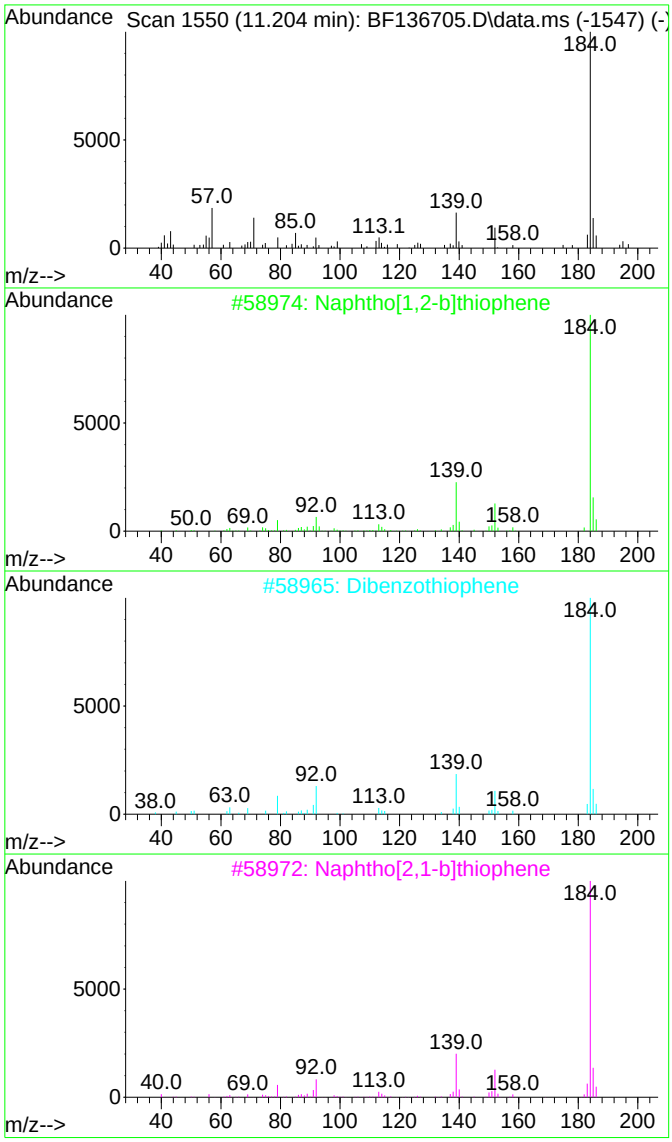
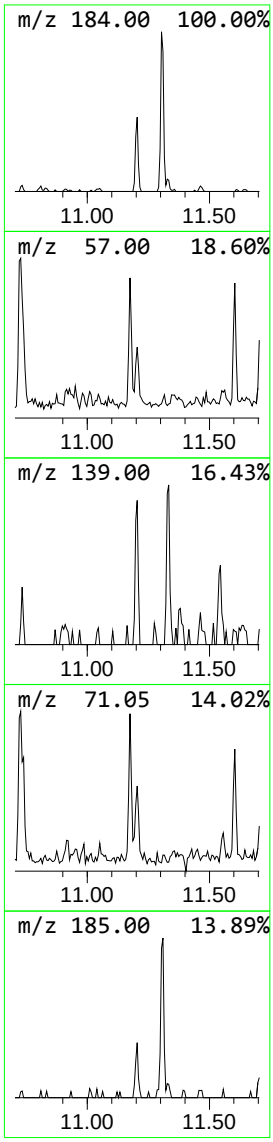
Peak Number 6 Naphtho[1,2-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	2.32 ng	39768	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136705.D
Acq On : 23 Dec 2023 01:41
Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

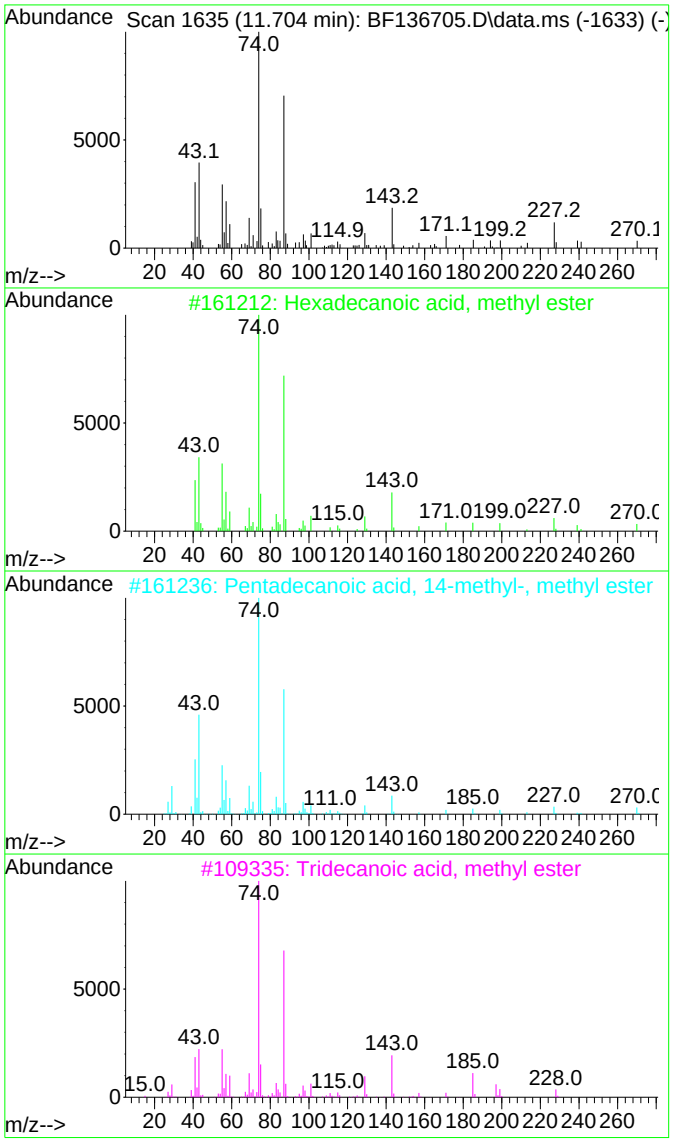
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

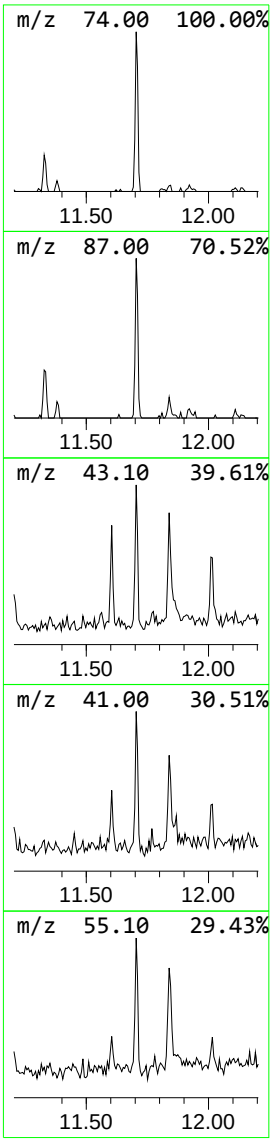
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	4.17 ng	71322	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





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Acq On : 23 Dec 2023 01:41
Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

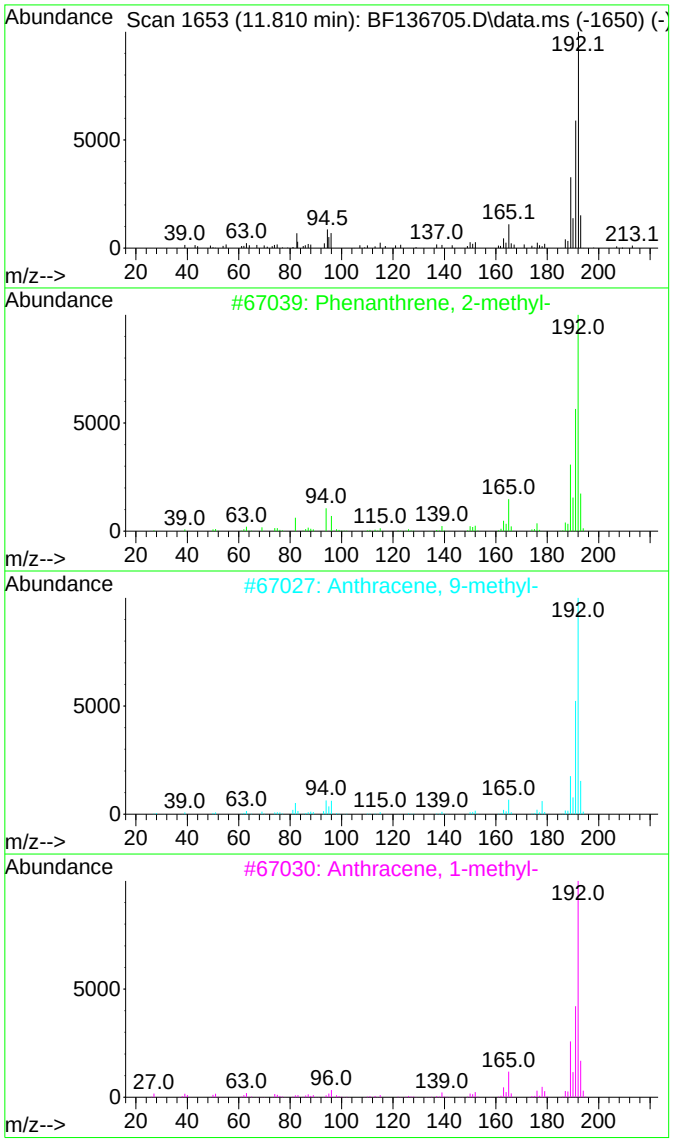
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

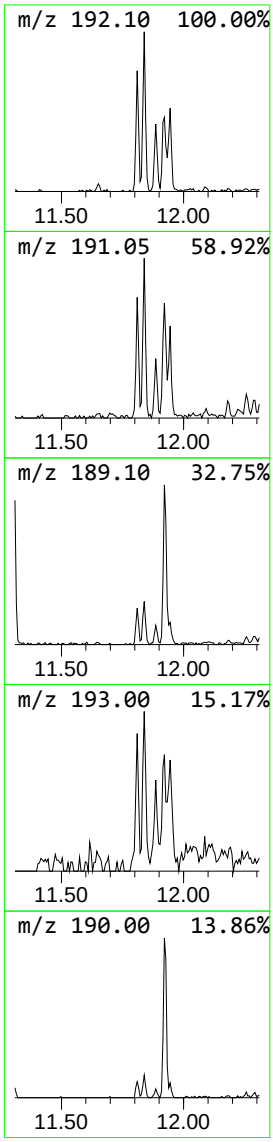
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	2.93 ng	50248	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

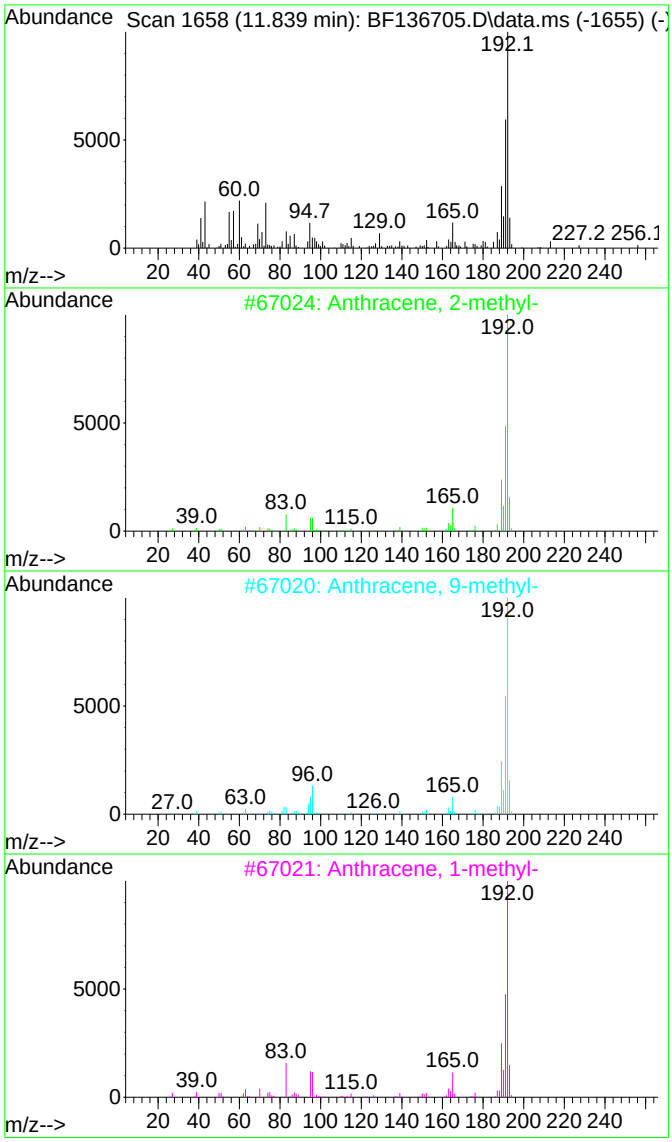
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

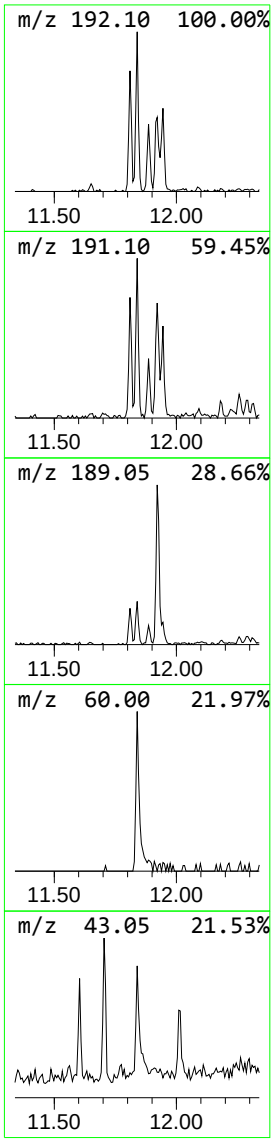
****

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	7.13 ng	122059	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Acq On : 23 Dec 2023 01:41
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Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

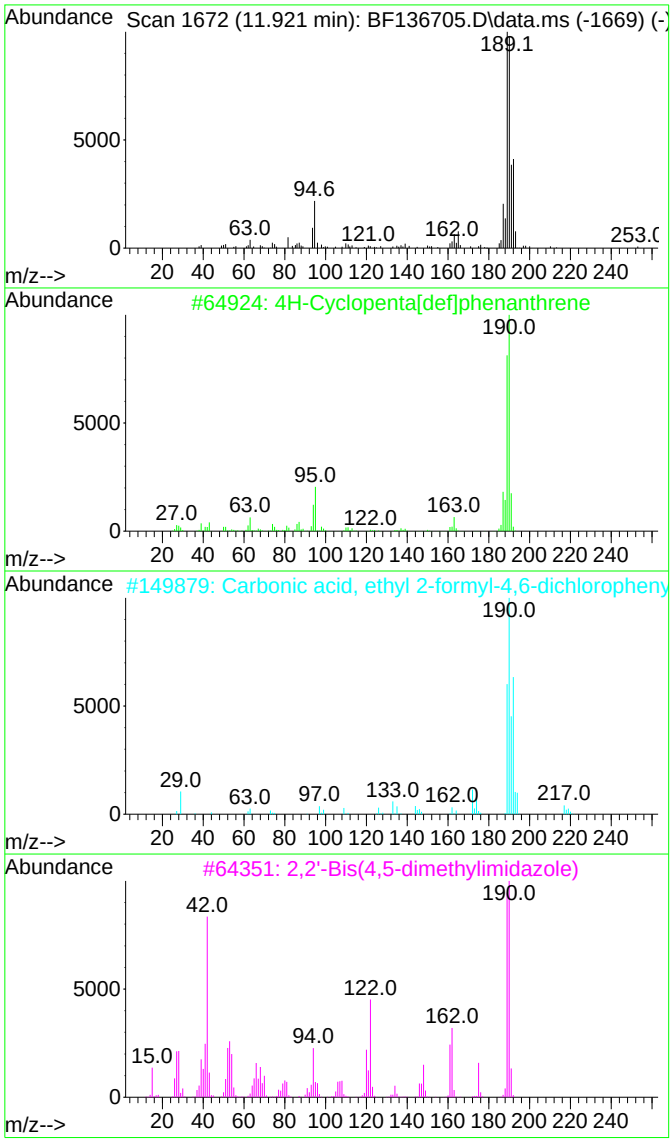
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

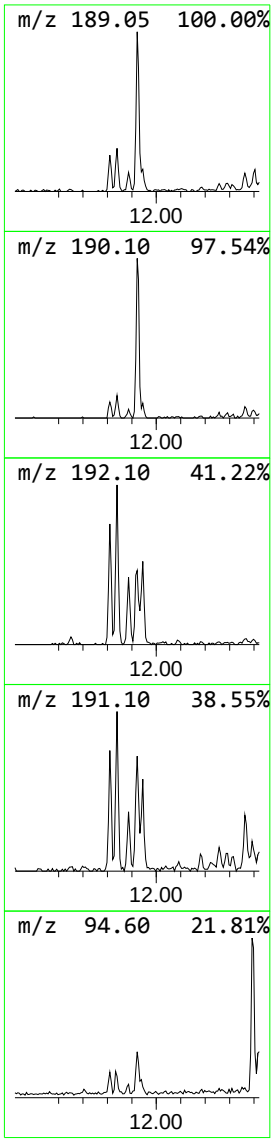
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	6.78 ng	116135	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Acq On : 23 Dec 2023 01:41
Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

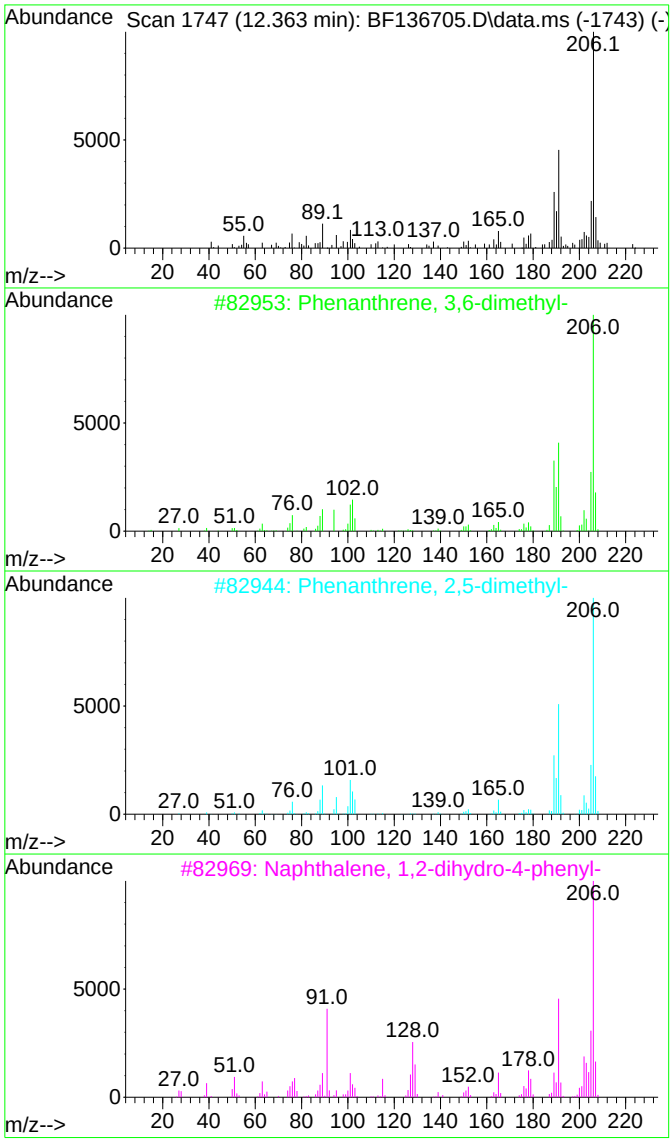
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

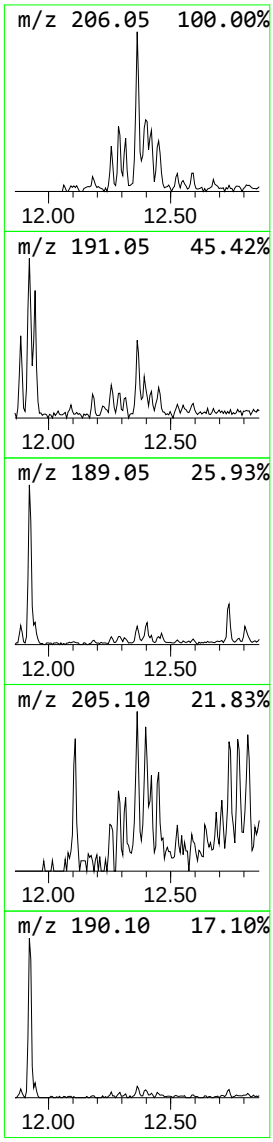
****

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	2.28 ng	39052	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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Acq On : 23 Dec 2023 01:41
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

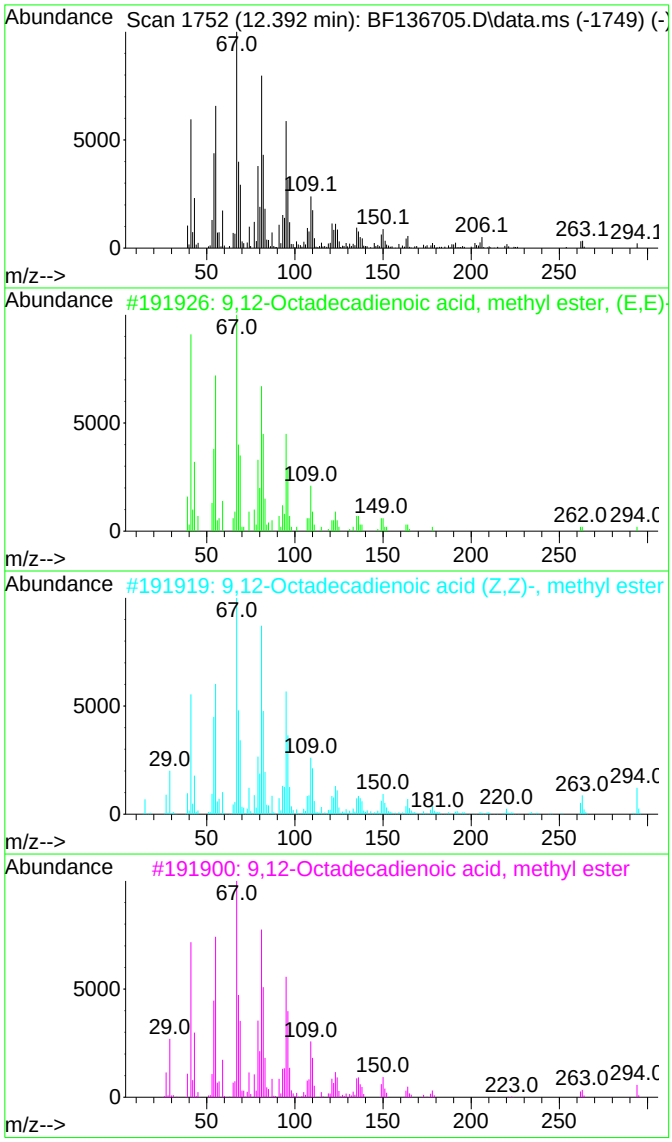
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

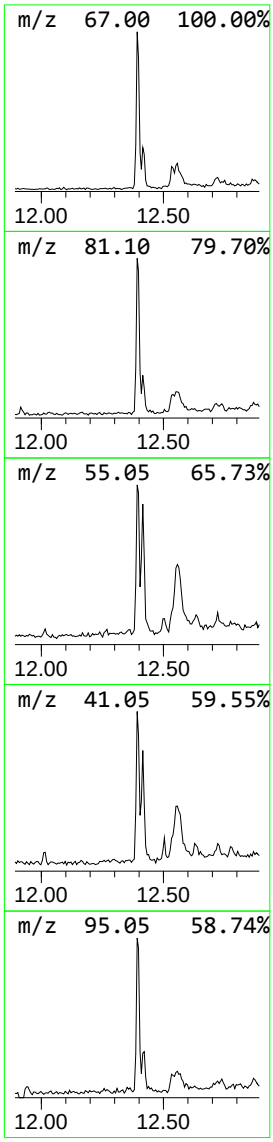
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	20.80 ng	356179	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
5	Methyl 7,12-octadecadienoate	294	C19H34O2	1000336-43-8	95





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Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-122023

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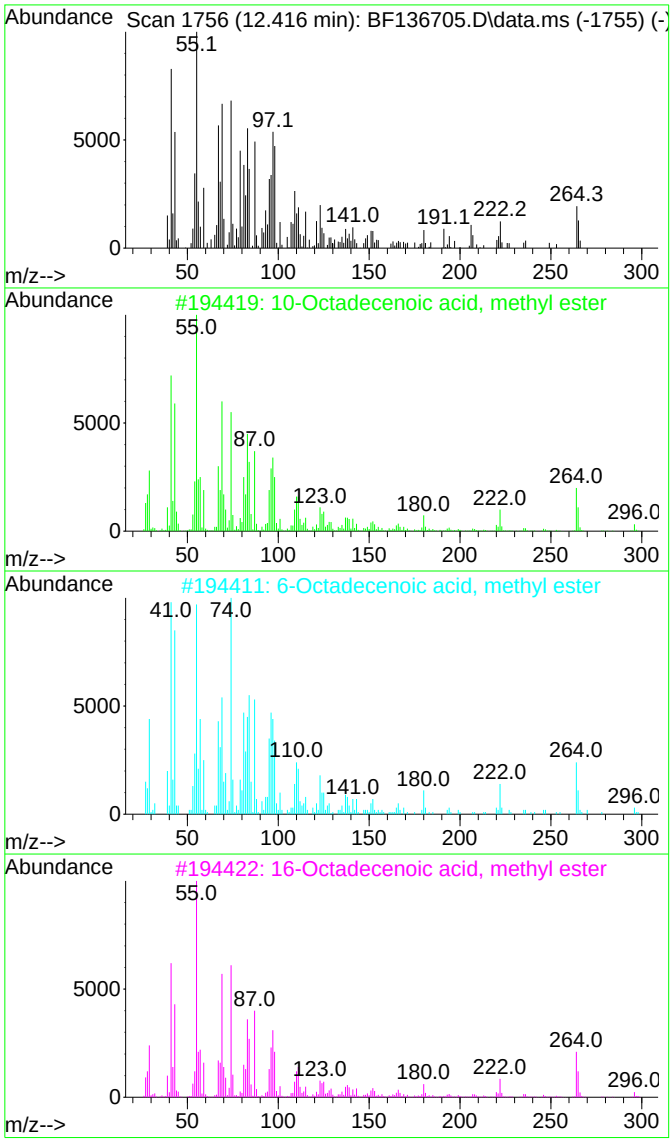
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

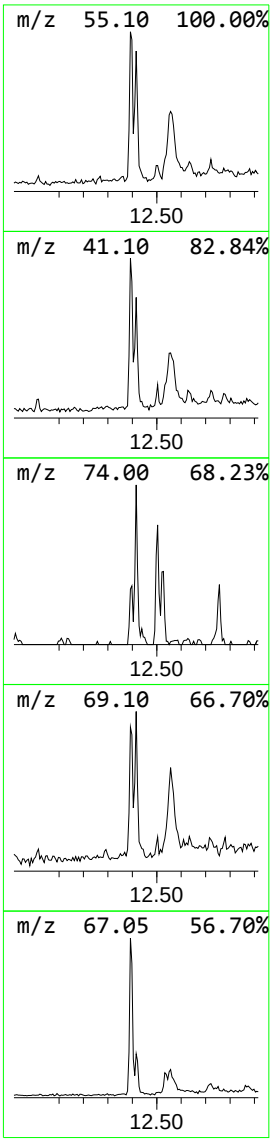
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 10-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	8.73 ng	149473	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	64
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	64
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	62
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	62
5	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	58





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Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-04-122023

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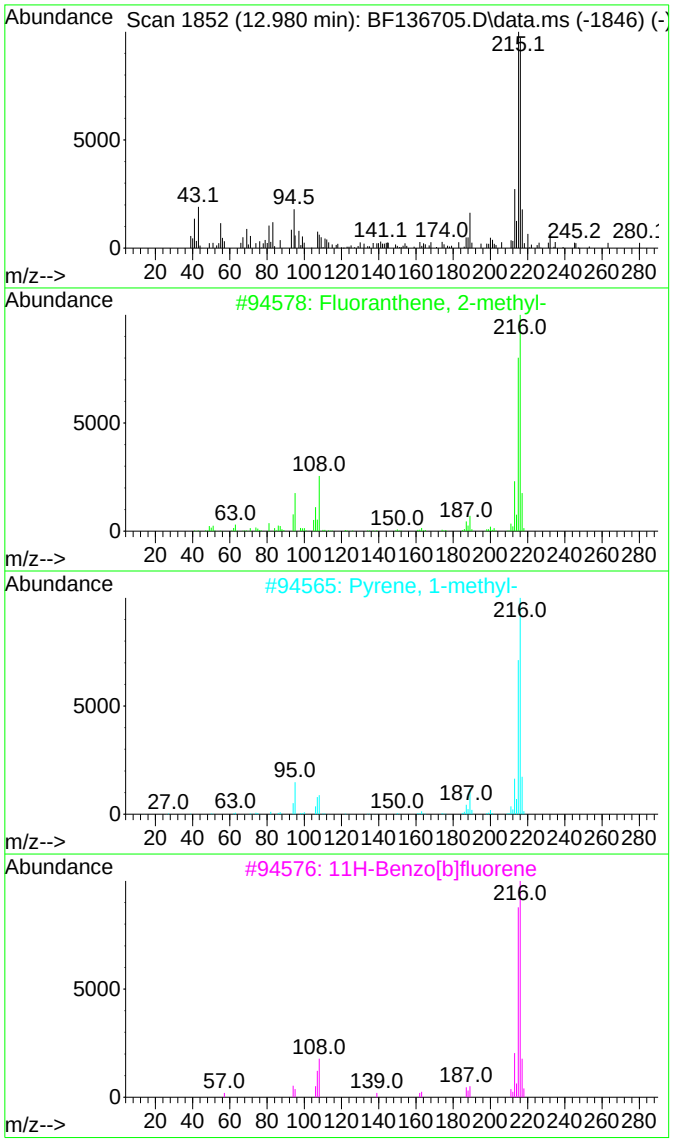
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

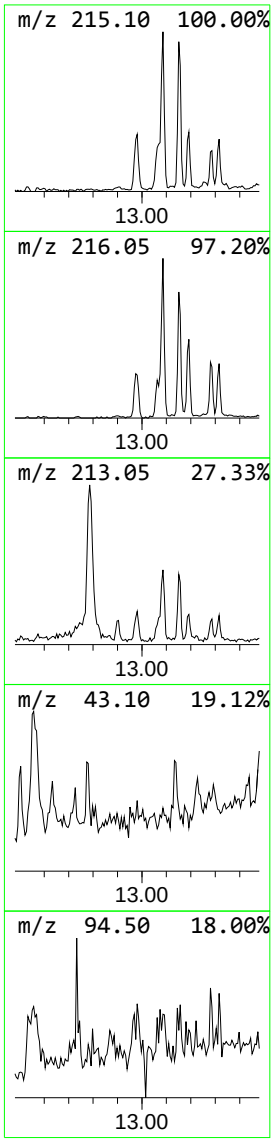
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	2.67 ng	78660	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	58





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-04-122023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

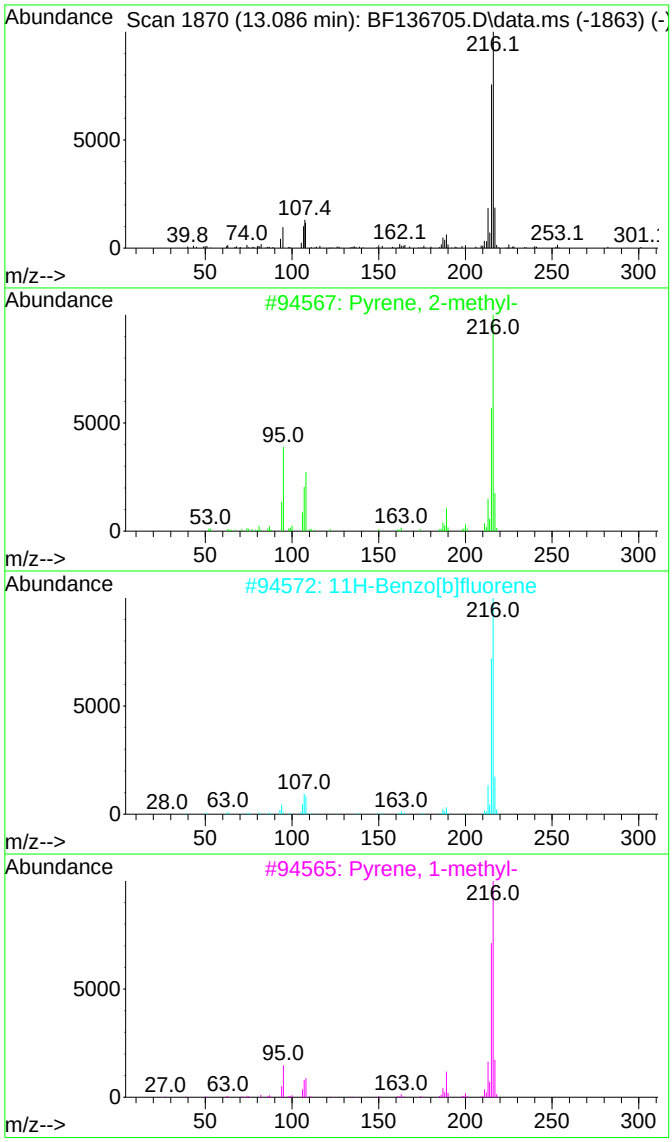
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

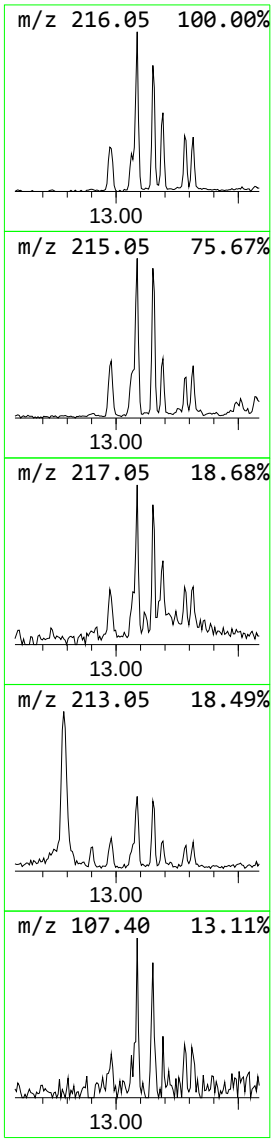
****

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.55 ng	104437	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

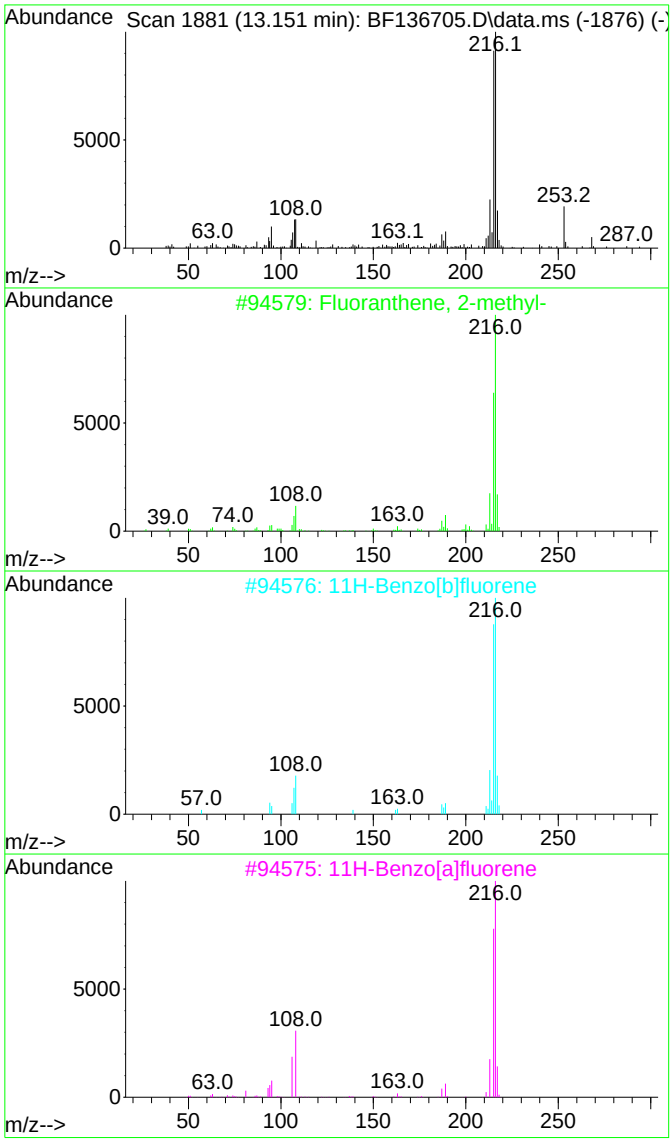
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

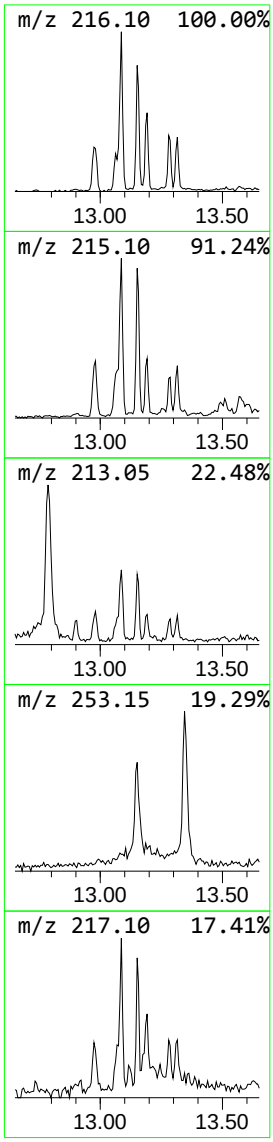
****

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	3.58 ng	105578	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

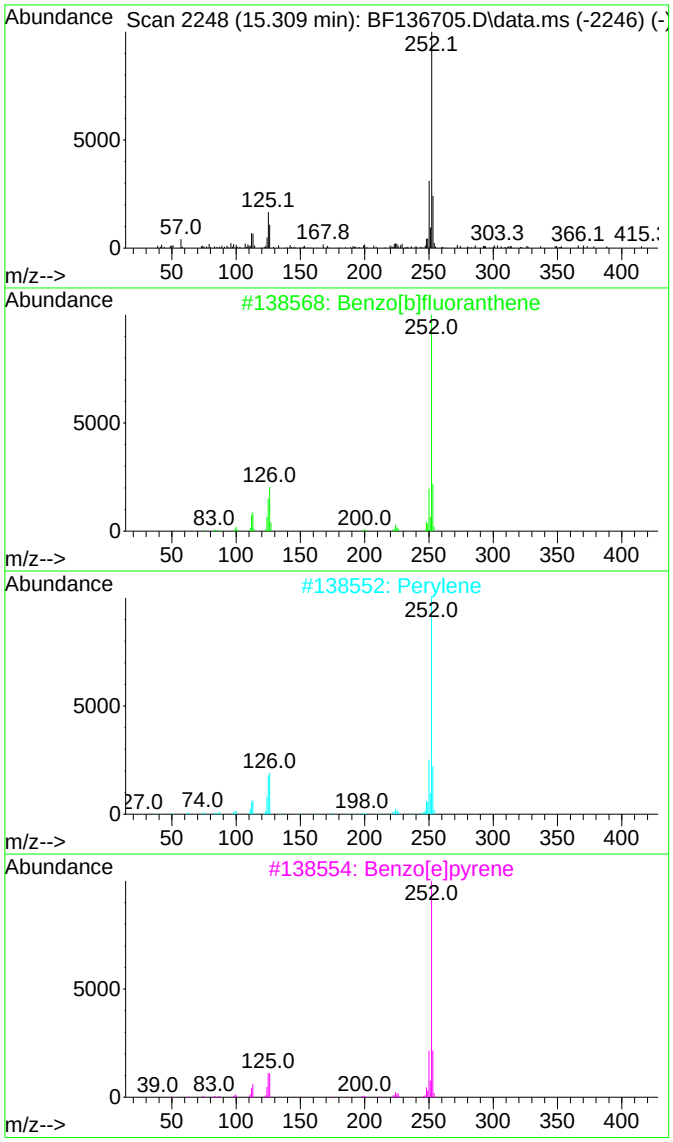
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

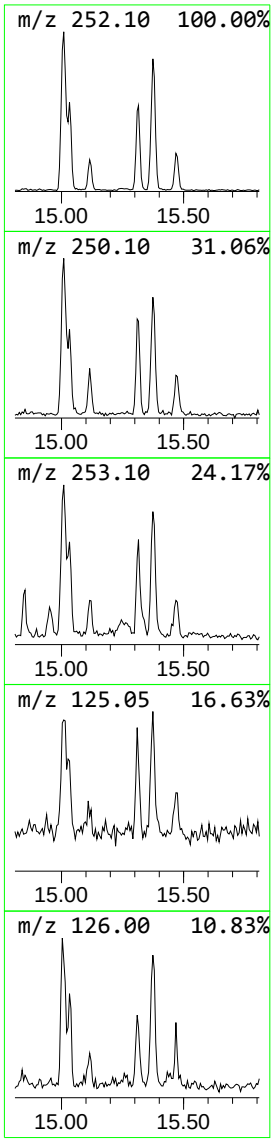
****

Peak Number 18 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	6.20 ng	65073	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
Data File : BF136705.D
Acq On : 23 Dec 2023 01:41
Operator : CG\JU
Sample : 05940-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecane	8.651	2.2	ng	44861	2	8.057	410691	20.0
Hexadecane	9.216	3.0	ng	49044	3	9.816	326881	20.0
Tetradecane	9.751	2.2	ng	36662	3	9.816	326881	20.0
Heptadecane	10.727	3.0	ng	51755	4	11.304	342429	20.0
Naphtho[1,2-b]t...	11.204	2.3	ng	39768	4	11.304	342429	20.0
Hexadecanoic ac...	11.704	4.2	ng	71322	4	11.304	342429	20.0
Phenanthrene, 2...	11.810	2.9	ng	50248	4	11.304	342429	20.0
Anthracene, 2-m...	11.839	7.1	ng	122059	4	11.304	342429	20.0
4H-Cyclopenta[d...	11.922	6.8	ng	116135	4	11.304	342429	20.0
Phenanthrene, 3...	12.363	2.3	ng	39052	4	11.304	342429	20.0
9,12-Octadecadi...	12.392	20.8	ng	356179	4	11.304	342429	20.0
10-Octadecenoic...	12.416	8.7	ng	149473	4	11.304	342429	20.0
Fluoranthene, 2...	12.980	2.7	ng	78660	5	13.963	589063	20.0
Pyrene, 2-methyl-	13.086	3.5	ng	104437	5	13.963	589063	20.0
11H-Benzo[b]flu...	13.151	3.6	ng	105578	5	13.963	589063	20.0
Perylene	15.310	6.2	ng	65073	6	15.439	210053	20.0