LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134344.D
Acq On : 18 Jul 2023 18:36
Operator : CG\JU
Sample : 03597-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-43-(0-2)

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134344.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	12	rVB	281773	365588	22.06%	1.386%
2	5.087	507	510	520	rBV	24024	30698	1.85%	0.116%
3	5.475	572	576	593	rBV	1581341	1476701	89.11%	5.599%
4	6.481	743	747	765	rBV	1488554	1501942	90.64%	5.694%
5	6.669	776	779	790	rBV	37009	56943	3.44%	0.216%
6	6.839	804	808	814	rBV	542422	479172	28.92%	1.817%
7	7.404	899	904	914	rBV	1003988	990915	59.80%	3.757%
8	8.116	1021	1025	1027	rBV	803903	618254	37.31%	2.344%
9	8.133	1027	1028	1034	rVB	82750	64694	3.90%	0.245%
10	8.828	1143	1146	1150	rBV	31325	24926	1.50%	0.095%
11	9.192	1204	1208	1211	rBV	2175726	1657083	100.00%	6.283%
12	9.310	1223	1228	1233	rBV	415599	422457	25.49%	1.602%
13	9.875	1320	1324	1327	rBV	841078	660737	39.87%	2.505%
14	9.904	1327	1329	1333	rVB	183501	140250	8.46%	0.532%
15	10.080	1355	1359	1362	rBV	71745	65428	3.95%	0.248%
16	10.422	1414	1417	1421	rBV	129684	107059	6.46%	0.406%
17	10.580	1442	1444	1449	rVB	29568	24266	1.46%	0.092%
18	10.669	1455	1459	1465	rBV	1436443	1222510	73.77%	4.635%
19	10.792	1474	1480	1486	rVB7	16039	27330	1.65%	0.104%
20	10.974	1504	1511	1513	rBV4	23043	41540	2.51%	0.157%
21	11.174	1542	1545	1548	rVB	54877	44172	2.67%	0.167%
22	11.216	1548	1552	1556	rBV3	15402	23782	1.44%	0.090%
23	11.263	1557	1560	1566	rVB	54520	50642	3.06%	0.192%
24	11.316	1566	1569	1573	rBV3	20257	21995	1.33%	0.083%
25	11.369	1573	1578	1580	rBV	760483	670431	40.46%	2.542%
26	11.392	1580	1582	1586	rVV	1119471	950422	57.36%	3.603%
27	11.445	1586	1591	1594	rVV	259534	244060	14.73%	0.925%
28	11.480	1594	1597	1602	rVB	29951	34239	2.07%	0.130%
29	11.604	1611	1618	1625	rBV	128498	153514	9.26%	0.582%
30	11.663	1625	1628	1632	rVB4	25323	29598	1.79%	0.112%
31	11.757	1640	1644	1646	rBV4	25998	25657	1.55%	0.097%
32	11.827	1652	1656	1659	rBV4	25570	34033	2.05%	0.129%
33	11.868	1659	1663	1666	rVV2	154418	211699	12.78%	0.803%
34	11.898	1666	1668	1674	rVV	498802	490084	29.58%	1.858%
35	11.951	1674	1677	1679	rVV	52494	54702	3.30%	0.207%
36	11.986	1679	1683	1685	rVV2	189130	186691	11.27%	0.708%

LSC Area Percent Report

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Sample : 03597-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-43-(0-2)

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.010	1685	1687	1692	rVB	69825	62529	3.77%	0.237%
38	12.057	1692	1695	1697	rBV3	22689	25781	1.56%	0.098%
39	12.168	1711	1714	1717	rBV	78632	67174	4.05%	0.255%
40	12.198	1717	1719	1723	rVB	85320	74378	4.49%	0.282%
41	12.321	1737	1740	1742	rVB	24085	22062	1.33%	0.084%
42	12.427	1754	1758	1760	rBV	43269	52137	3.15%	0.198%
43	12.468	1760	1765	1770	rVB5	101989	133568	8.06%	0.506%
44	12.516	1770	1773	1778	rVB2	56243	62365	3.76%	0.236%
45	12.592	1782	1786	1790	rBV	1333866	1281120	77.31%	4.857%
46	12.657	1795	1797	1800	rVB	34080	28817	1.74%	0.109%
47	12.686	1800	1802	1807	rBV2	81570	91144	5.50%	0.346%
48	12.745	1808	1812	1814	rVB3	33334	45700	2.76%	0.173%
49	12.827	1819	1826	1831	rVV	1023042	1249713	75.42%	4.738%
50	12.868	1831	1833	1838	rVB2	50730	54225	3.27%	0.206%
51	12.963	1842	1849	1856	rBV	1342691	1380188	83.29%	5.233%
52	13.039	1857	1862	1866	rBV3	59182	98946	5.97%	0.375%
53	13.127	1874	1877	1879	rBV4	61256	73196	4.42%	0.278%
54	13.151	1879	1881	1884	rVB	137438	129090	7.79%	0.489%
55	13.192	1884	1888	1890	rBV4	18116	24935	1.50%	0.095%
56	13.221	1890	1893	1895	rVV	95161	90775	5.48%	0.344%
57	13.257	1895	1899	1901	rVV2	99248	114881	6.93%	0.436%
58	13.280	1901	1903	1906	rVB2	41150	40145	2.42%	0.152%
59	13.351	1912	1915	1918	rBV	50288	40948	2.47%	0.155%
60	13.380	1918	1920	1924	rBV2	44973	47247	2.85%	0.179%
61	13.468	1933	1935	1938	rVB3	25587	24076	1.45%	0.091%
62	13.539	1943	1947	1949	rBV5	30447	39575	2.39%	0.150%
63	13.574	1952	1953	1956	rVB	25414	22134	1.34%	0.084%
64	13.639	1961	1964	1966	rBV4	25861	26937	1.63%	0.102%
65	13.668	1966	1969	1973	rVB	96856	88478	5.34%	0.335%
66	13.774	1984	1987	1990	rBV	92062	99447	6.00%	0.377%
67	13.804	1990	1992	1994	rVV	104522	83923	5.06%	0.318%
68	13.827	1994	1996	2001	rVV2	74617	117307	7.08%	0.445%
69	13.880	2001	2005	2013	rVB2	110282	201424	12.16%	0.764%
70	14.027	2023	2030	2033	rBV2	798661	1234713	74.51%	4.681%
71	14.057	2033	2035	2042	rVV	524787	537481	32.44%	2.038%
72	14.121	2042	2046	2052	rVV2	265016	384909	23.23%	1.459%
73	14.180	2054	2056	2062	rVV3	57368	94489	5.70%	0.358%
74	14.227	2062	2064	2066	rVV	42446	44832	2.71%	0.170%
75	14.262	2069	2070	2073	rVB	54042	42032	2.54%	0.159%
76	14.380	2087	2090	2093	rBV2	34713	41127	2.48%	0.156%

LSC Area Percent Report

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Sample : 03597-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
RB-43-(0-2)

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.421	2093	2097	2100	rVV	110441	116461	7.03%	0.442%
78	14.457	2100	2103	2107	rVV2	57475	69038	4.17%	0.262%
79	14.498	2107	2110	2112	rVV3	84979	102604	6.19%	0.389%
80	14.545	2115	2118	2120	rVV2	99097	111724	6.74%	0.424%
81	14.568	2120	2122	2125	rVV3	83542	83266	5.02%	0.316%
82	14.621	2129	2131	2136	rVB2	39596	37101	2.24%	0.141%
83	14.739	2149	2151	2154	rBV	45321	51023	3.08%	0.193%
84	14.927	2179	2183	2187	rBV2	46078	66413	4.01%	0.252%
85	14.962	2187	2189	2191	rVB2	28368	23049	1.39%	0.087%
86	15.098	2206	2212	2215	rBV	489557	821716	49.59%	3.115%
87	15.162	2219	2223	2227	rVB2	167021	207301	12.51%	0.786%
88	15.204	2227	2230	2233	rBV	89867	99750	6.02%	0.378%
89	15.409	2260	2265	2271	rVB	279652	373634	22.55%	1.417%
90	15.474	2271	2276	2281	rVB	426581	530122	31.99%	2.010%
91	15.539	2282	2287	2290	rBV	376158	491315	29.65%	1.863%
92	15.568	2290	2292	2299	rVB2	122220	177548	10.71%	0.673%
93	15.768	2323	2326	2332	rVB4	76222	109543	6.61%	0.415%
94	16.015	2362	2368	2376	rVB	186322	313694	18.93%	1.189%
95	16.127	2383	2387	2399	rVB9	45031	116754	7.05%	0.443%
96	16.492	2443	2449	2456	rBV9	36010	88372	5.33%	0.335%
97	16.856	2507	2511	2518	rBV3	53872	123265	7.44%	0.467%
98	17.086	2543	2550	2559	rBV2	165889	352696	21.28%	1.337%
99	17.268	2578	2581	2586	rVB	23441	39404	2.38%	0.149%
100	17.550	2623	2629	2643	rVB	116499	291611	17.60%	1.106%

Sum of corrected areas: 26375566

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
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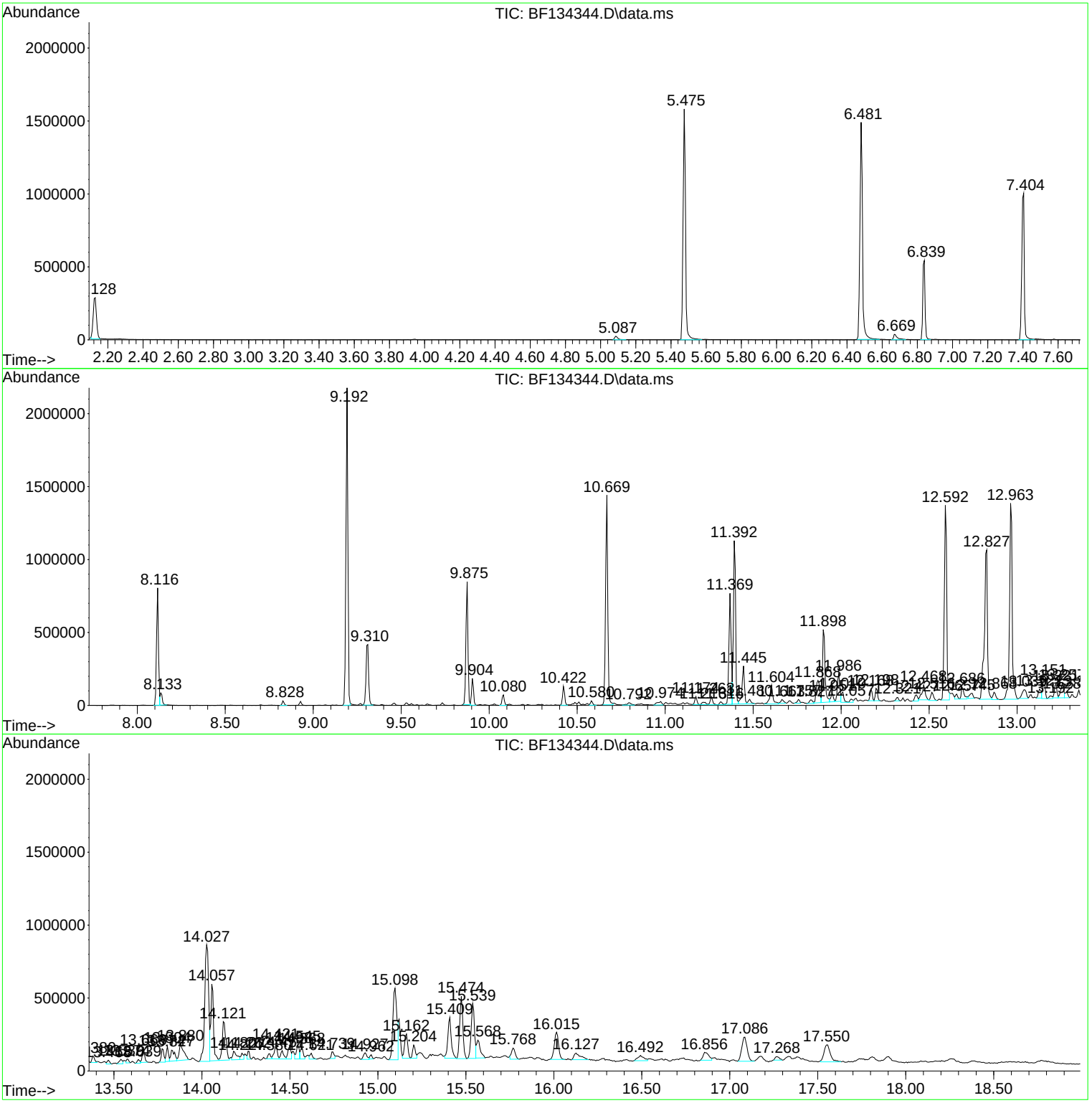
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-43-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF071823\
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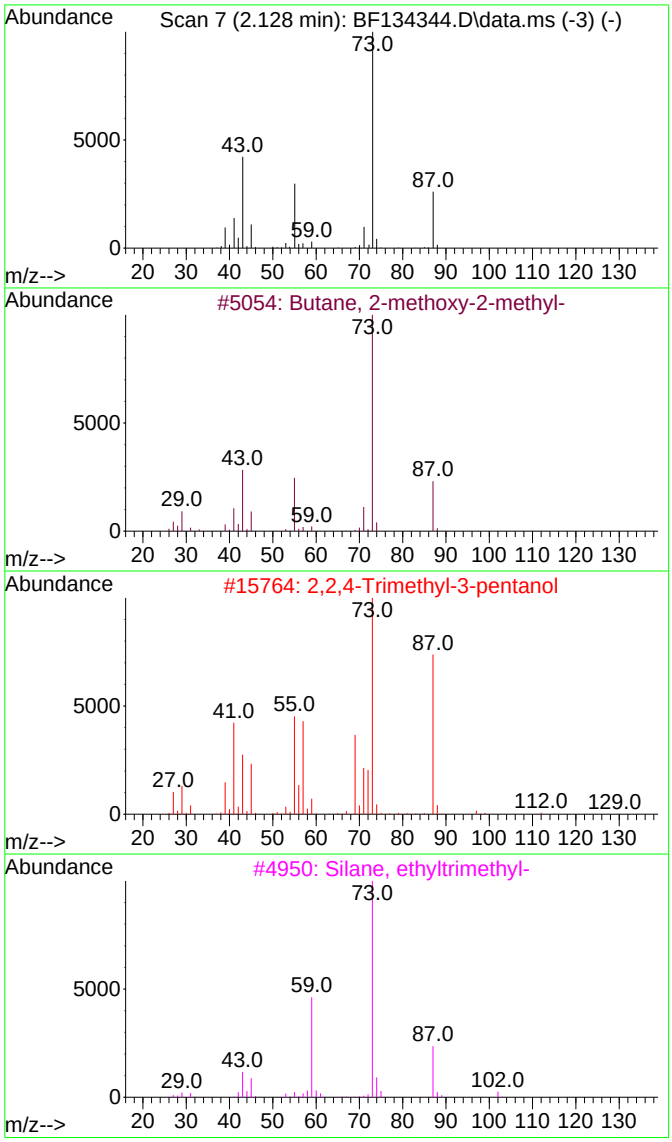
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

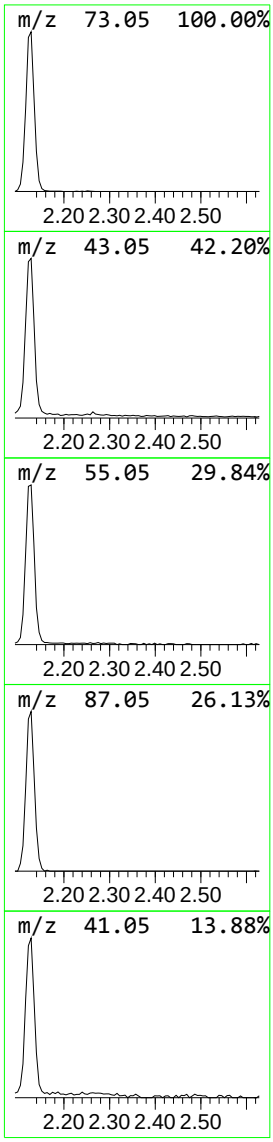
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	15.26 ng	365588	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
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Instrument :
BNA_F
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RB-43-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

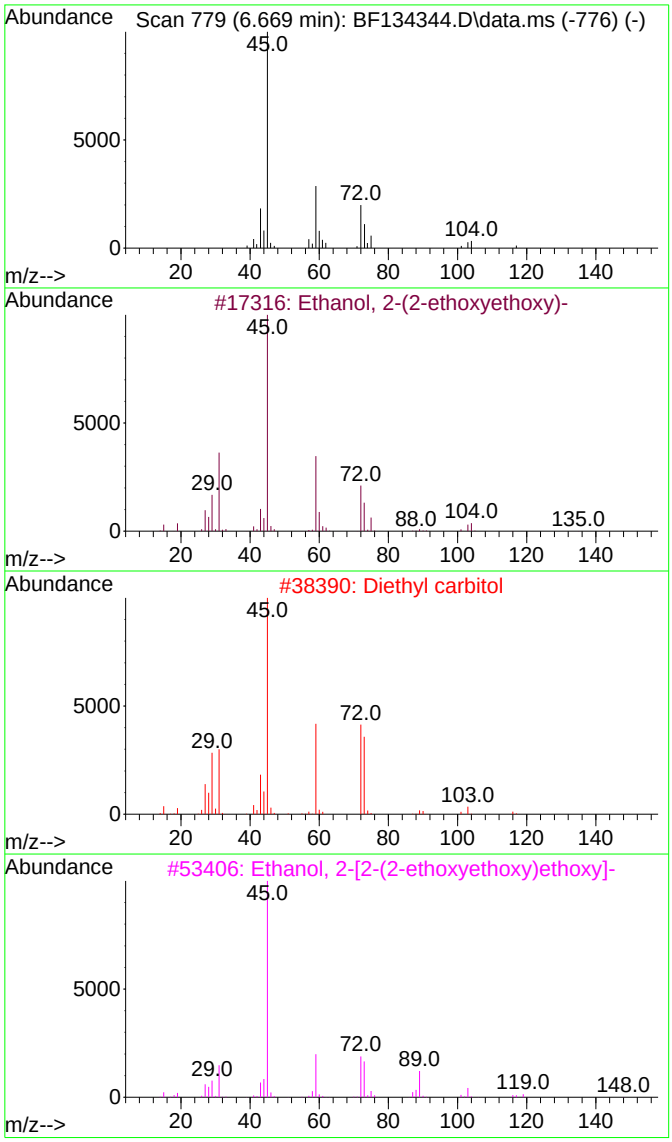
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

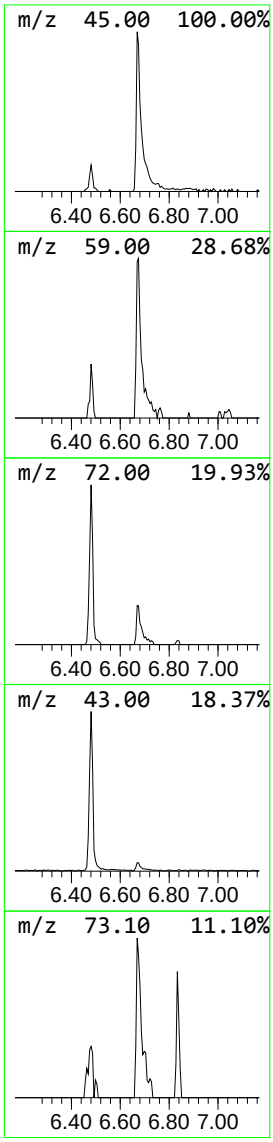
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.669	2.38 ng	56943	1,4-Dichlorobenzene-d4	6.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	78
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	56
4	2-Butanol	74	C4H10O	000078-92-2	42
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42





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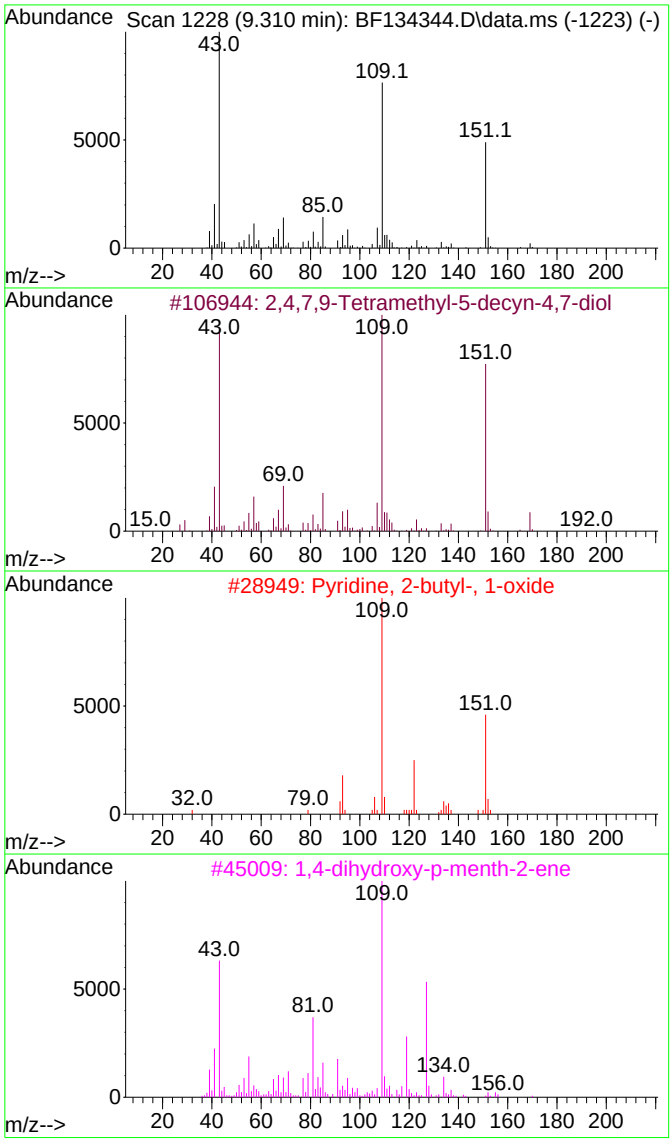
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

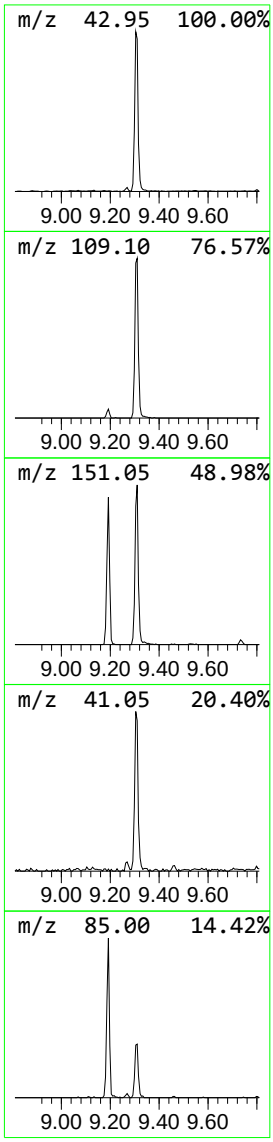
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	12.79 ng	422457	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	1,4-dihydroxy-p-menth-2-ene	170	C10H18O2	1000374-16-9	47
4	Metacetamol	151	C8H9NO2	000621-42-1	45
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

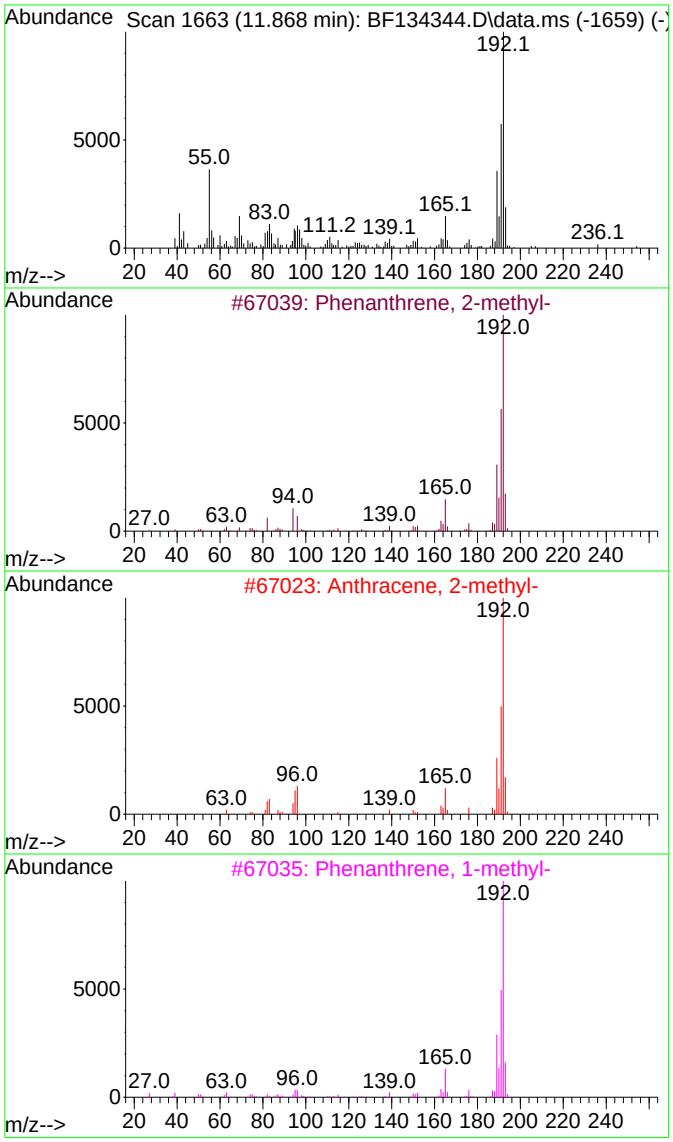
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

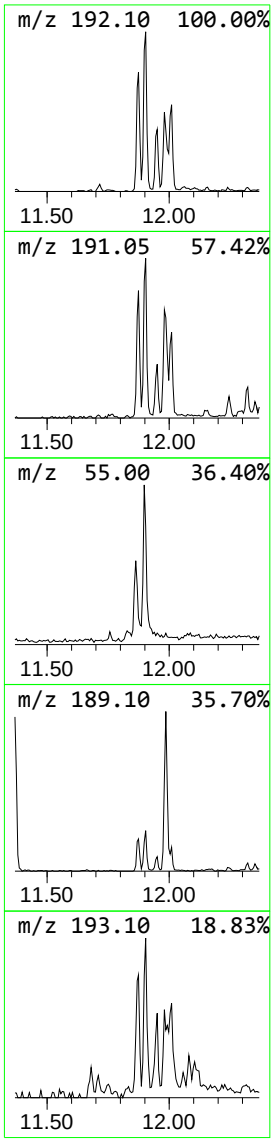
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	6.32 ng	211699	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Data File : BF134344.D
Acq On : 18 Jul 2023 18:36
Operator : CG\JU
Sample : 03597-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-43-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

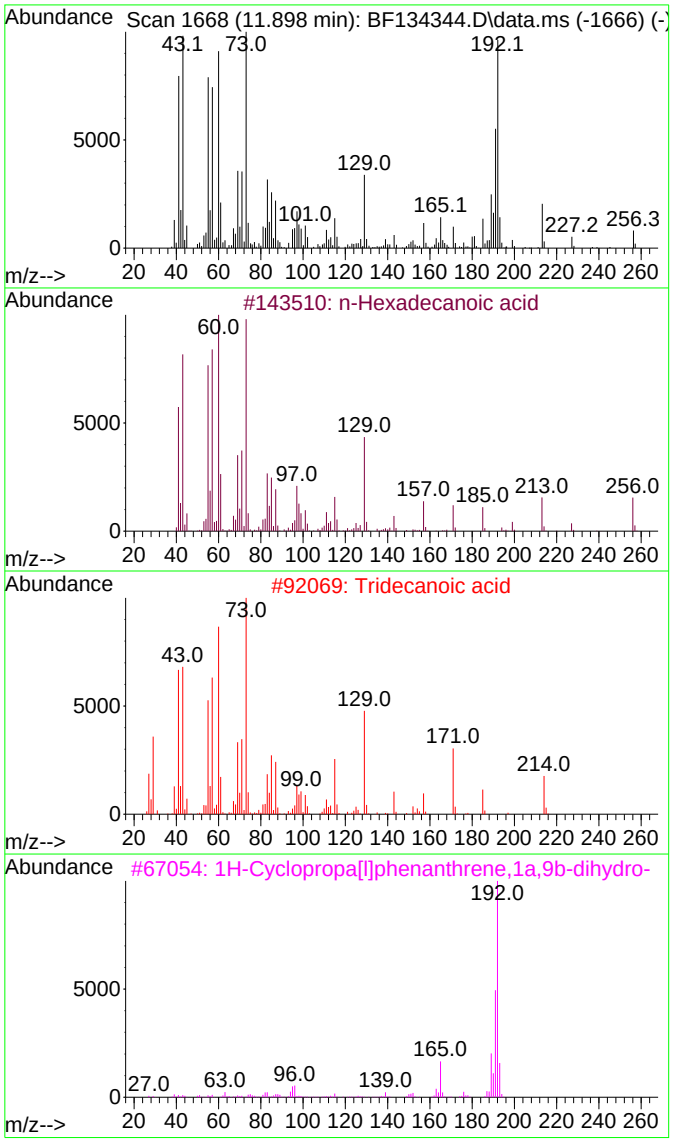
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

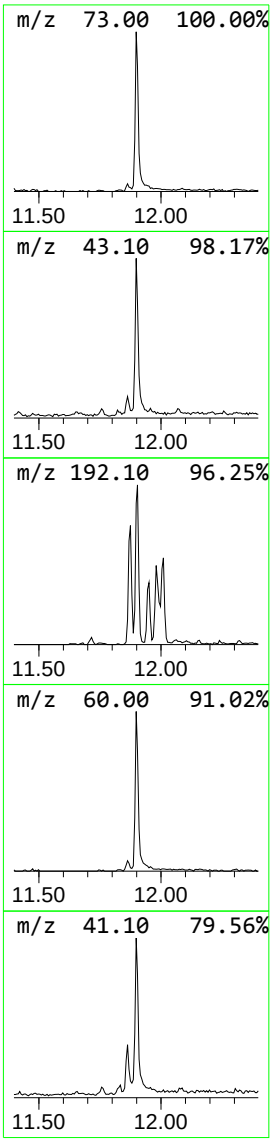
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	14.62 ng	490084	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Sample : 03597-03
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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

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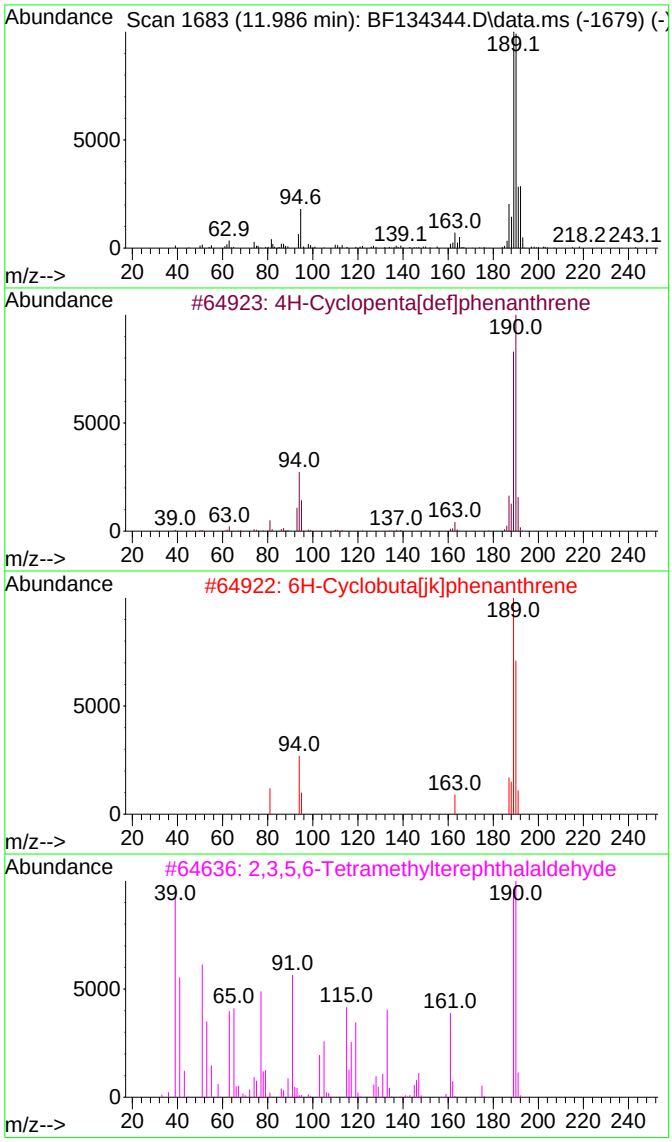
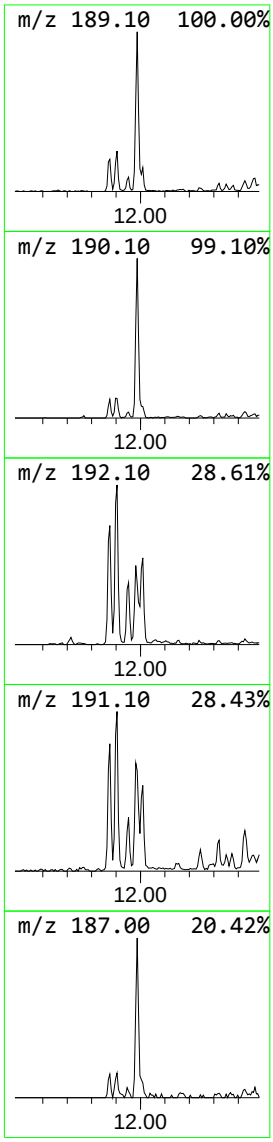
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	5.57 ng	186691	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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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

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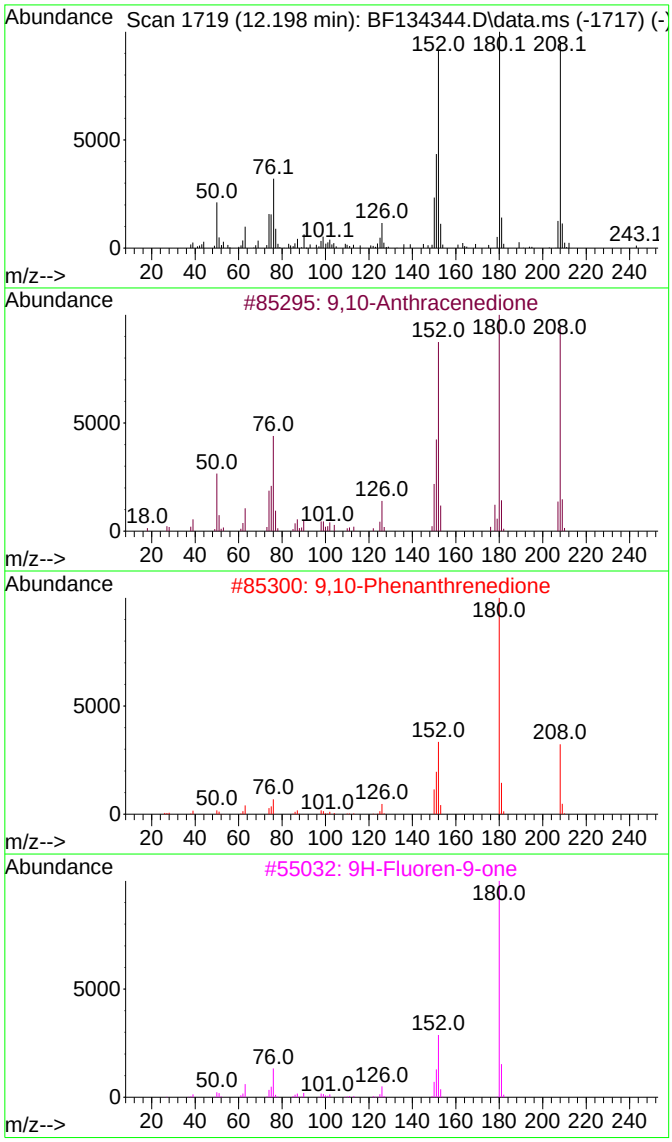
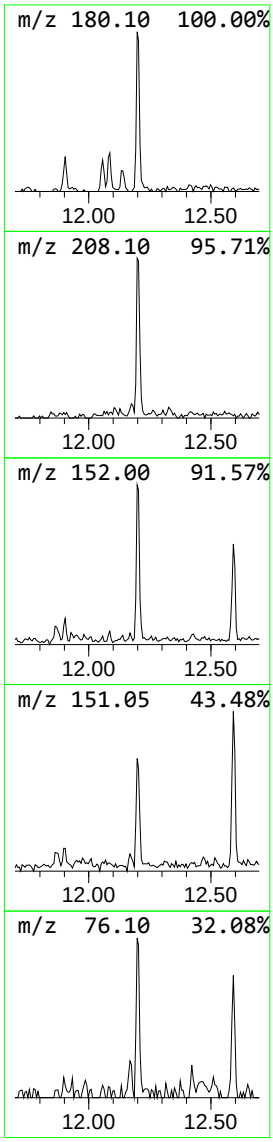
Peak Number 7 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	2.22 ng	74378	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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

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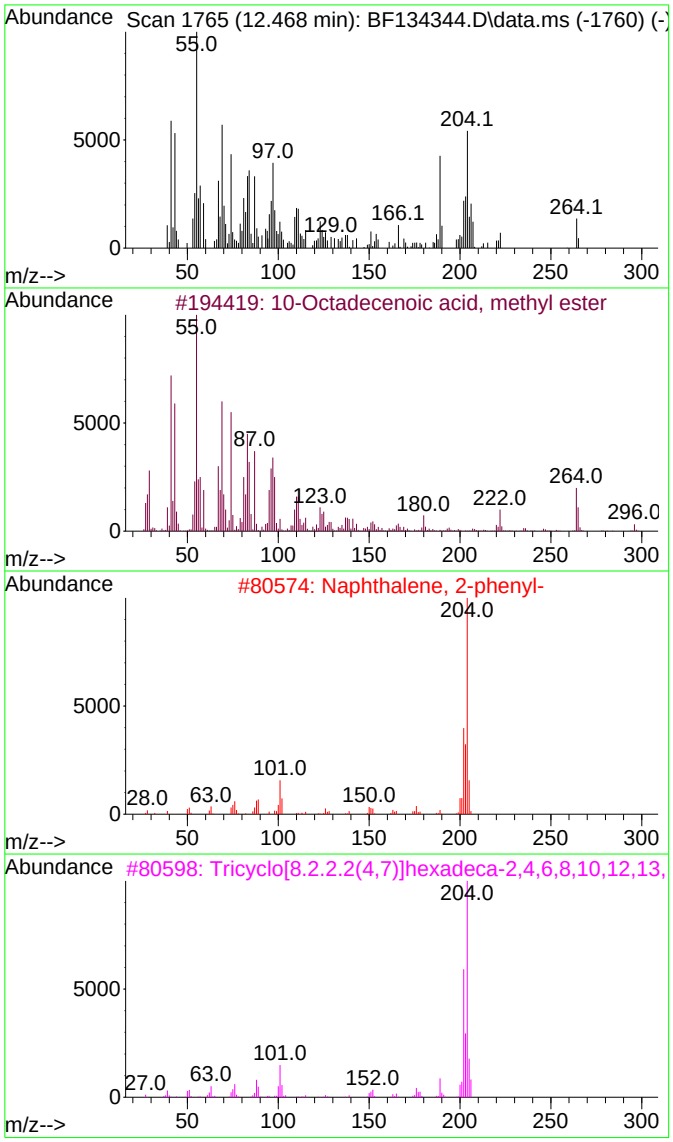
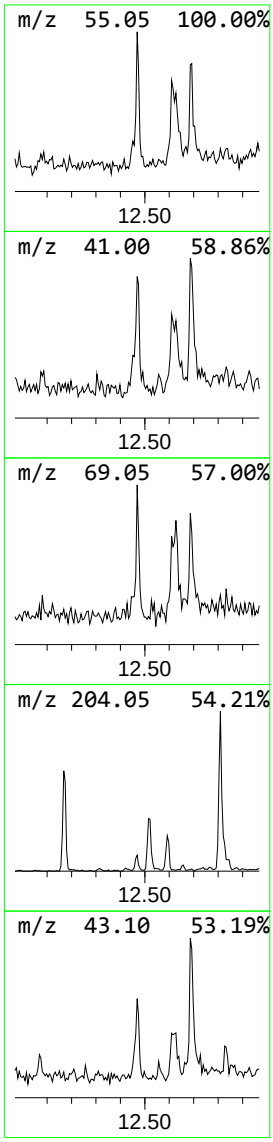
Peak Number 8 unknown12.469 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	3.98 ng	133568	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	30
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	25
4	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	20
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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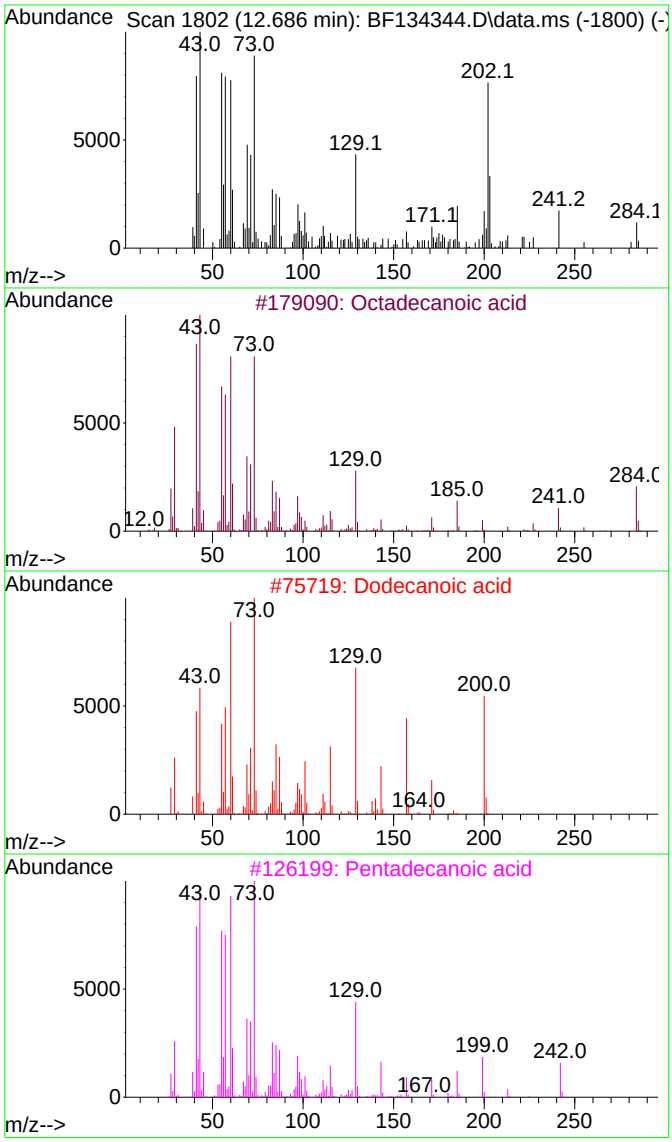
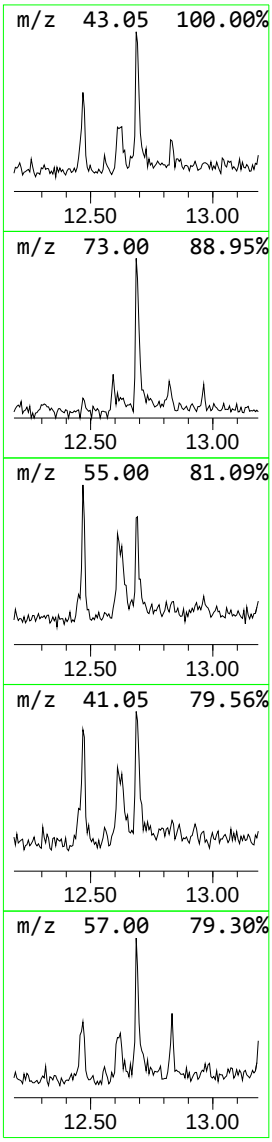
Peak Number 9 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	2.72 ng	91144	Phenanthrene-d10	11.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	49





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

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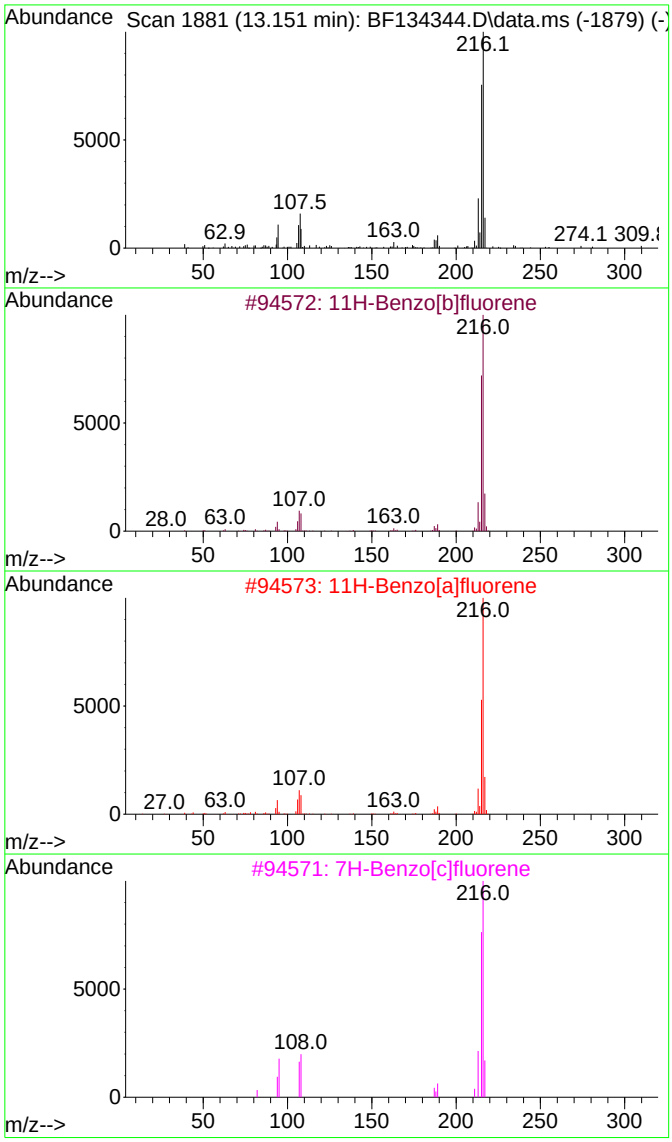
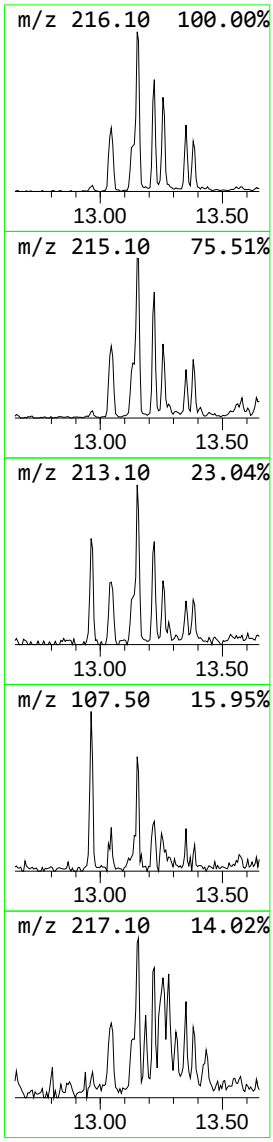
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.09 ng	129090	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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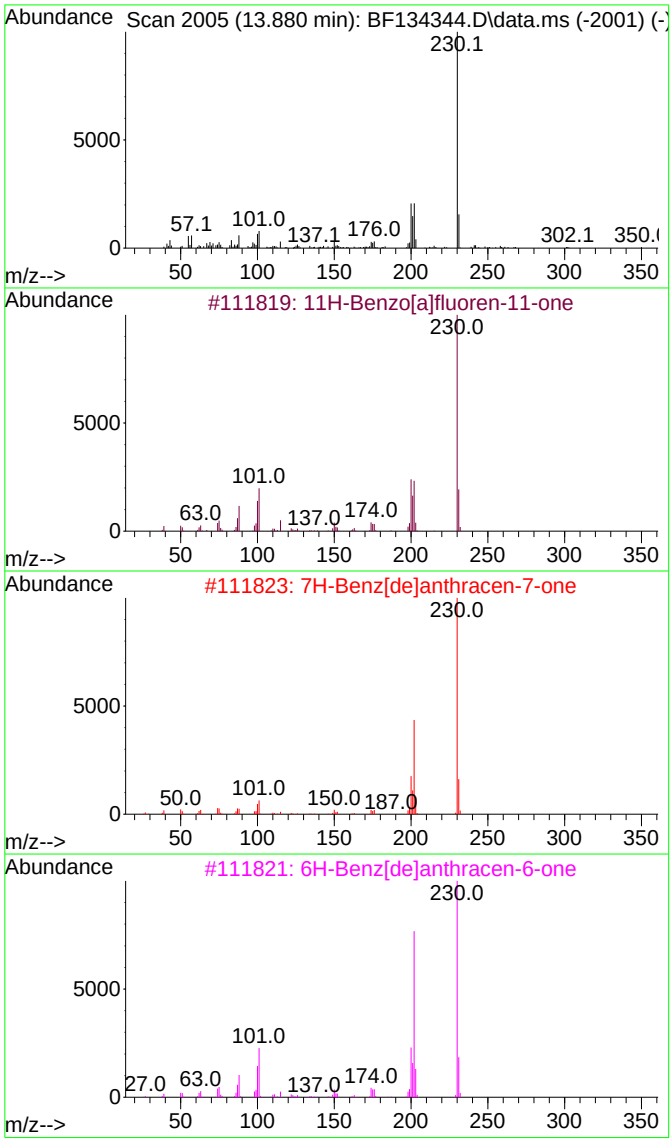
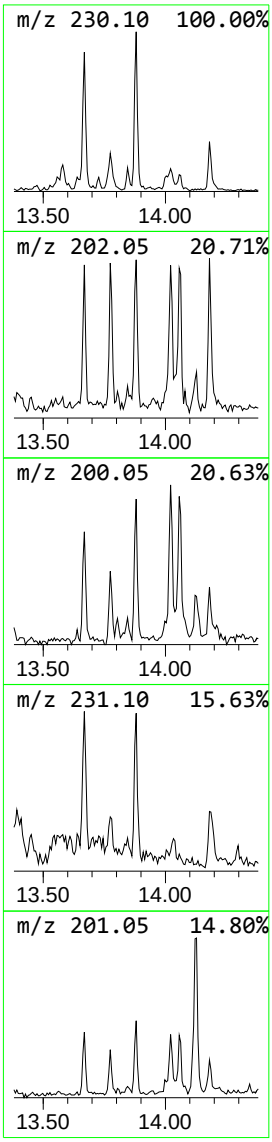
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.26 ng	201424	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	56
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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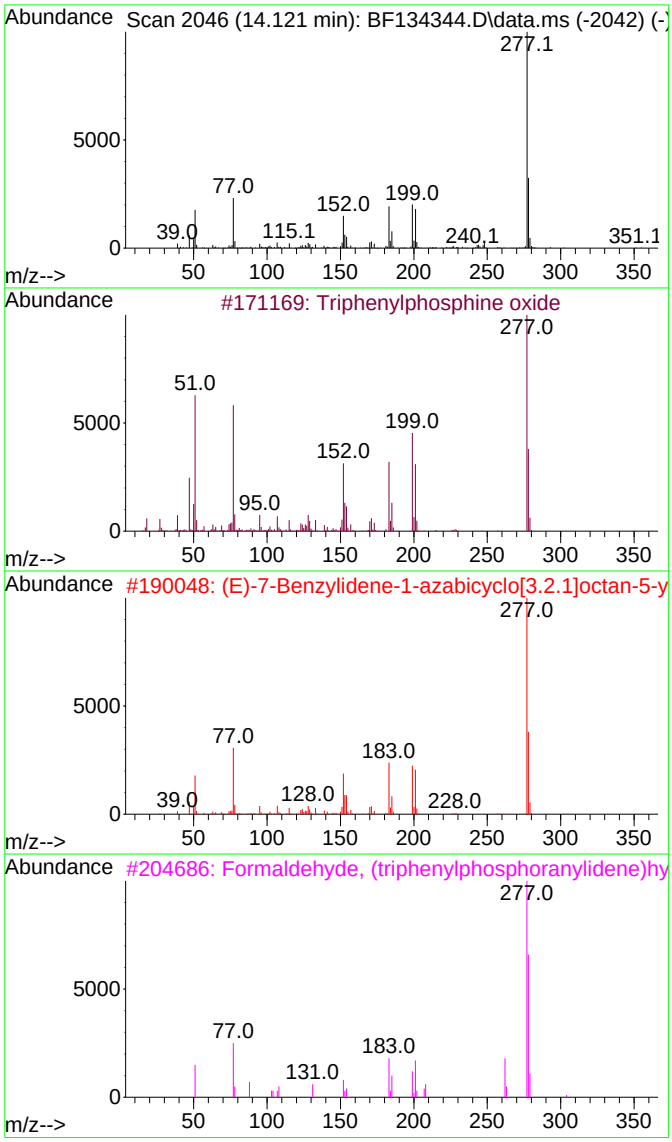
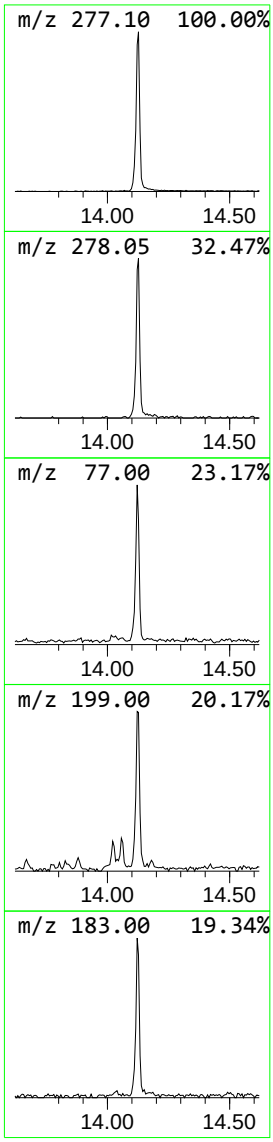
Peak Number 12 Triphenylphosphine oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.121	6.23 ng	384909	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	43
5	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	39





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TIC Library : C:\Database\NIST20.L
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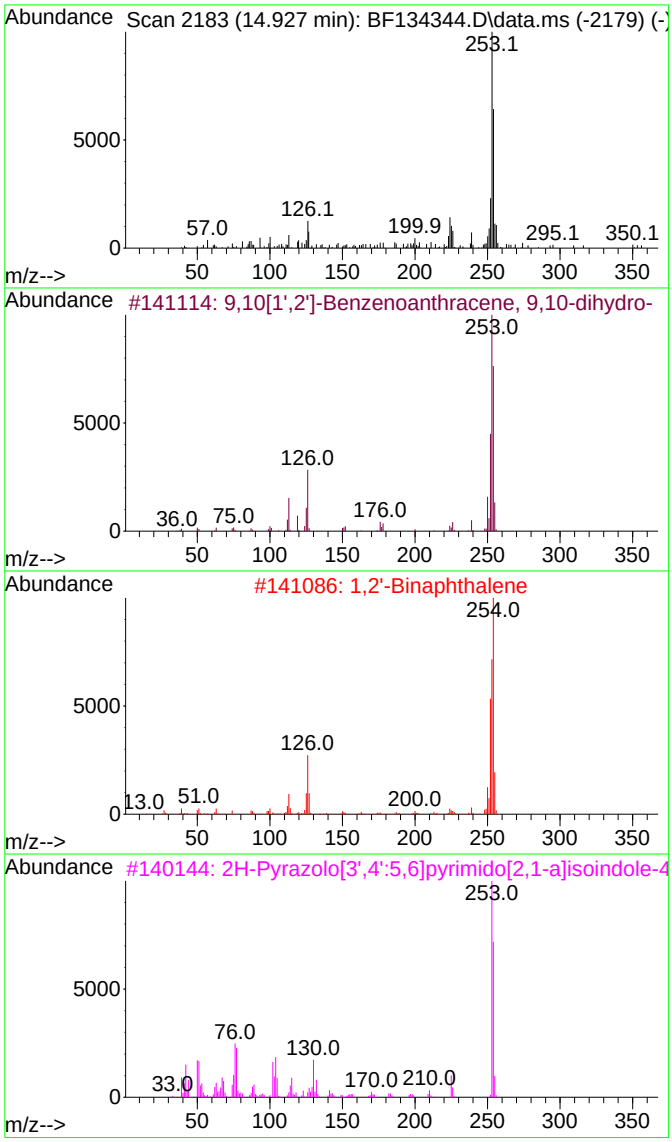
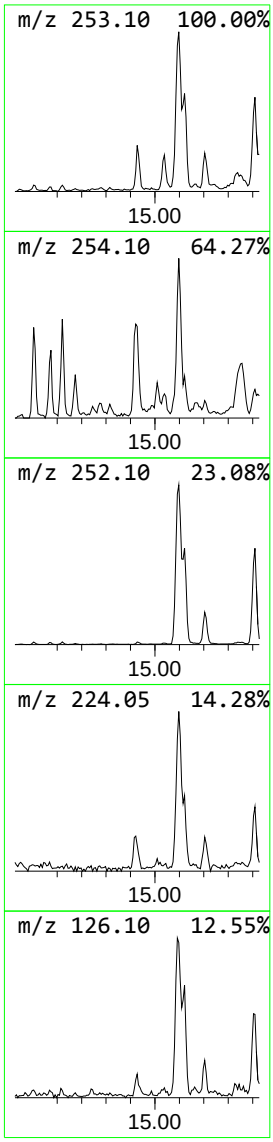
Peak Number 13 9,10[1',2']-Benzenoanthrace... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	2.70 ng	66413	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	55
3	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	52
4	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	52
5	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	52





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TIC Library : C:\Database\NIST20.L
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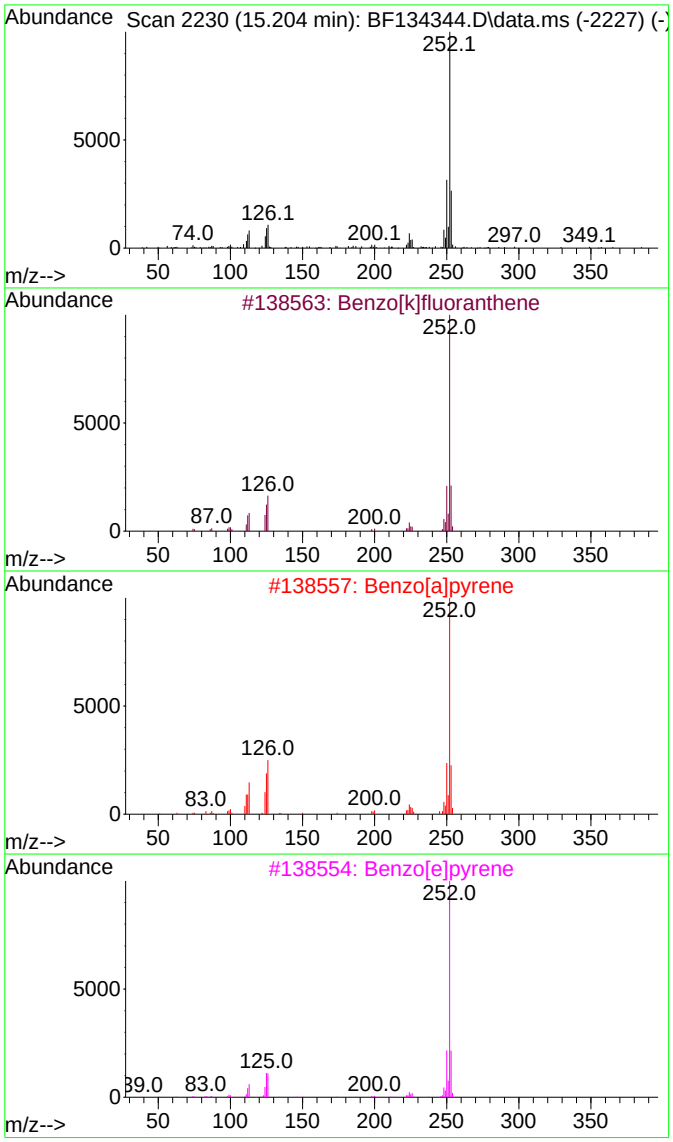
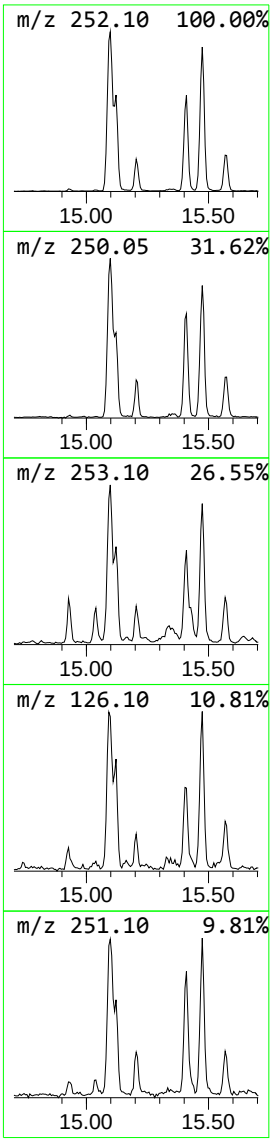
Peak Number 14 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	4.06 ng	99750	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Perylene	252	C20H12	000198-55-0	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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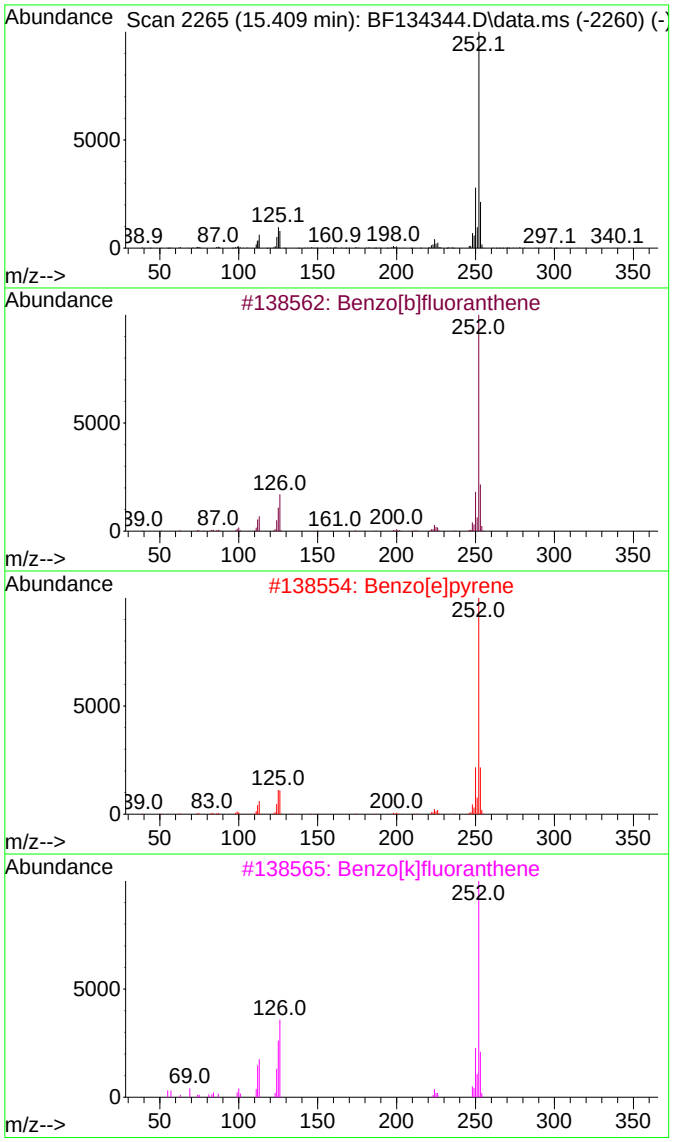
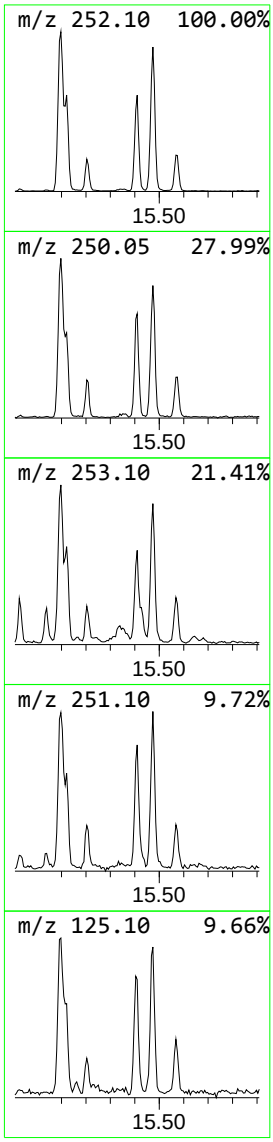
Peak Number 15 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.409	15.21 ng	373634	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	81





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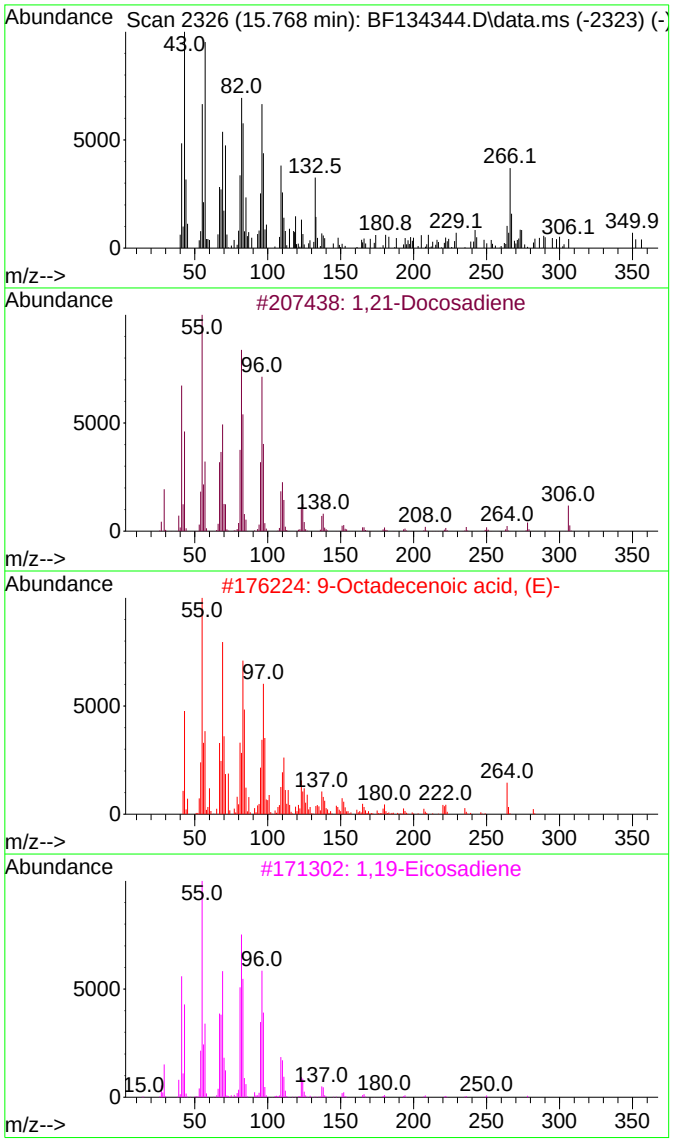
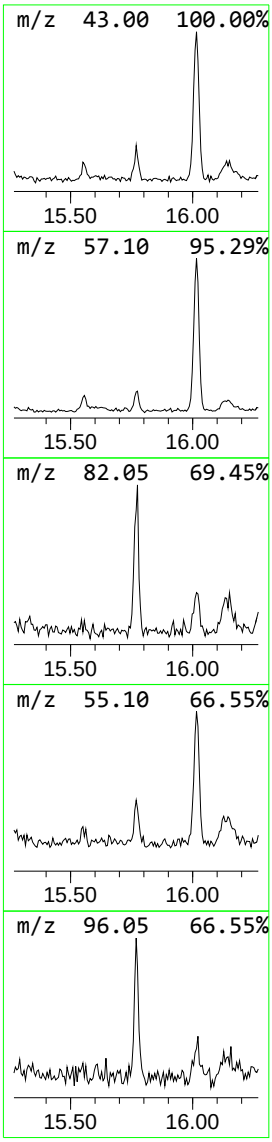
Peak Number 16 1,21-Docosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	4.46 ng	109543	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,21-Docosadiene	306	C22H42	053057-53-7	90
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	62
3	1,19-Eicosadiene	278	C20H38	014811-95-1	60
4	Tetradecanal	212	C14H28O	000124-25-4	49
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	49





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RB-43-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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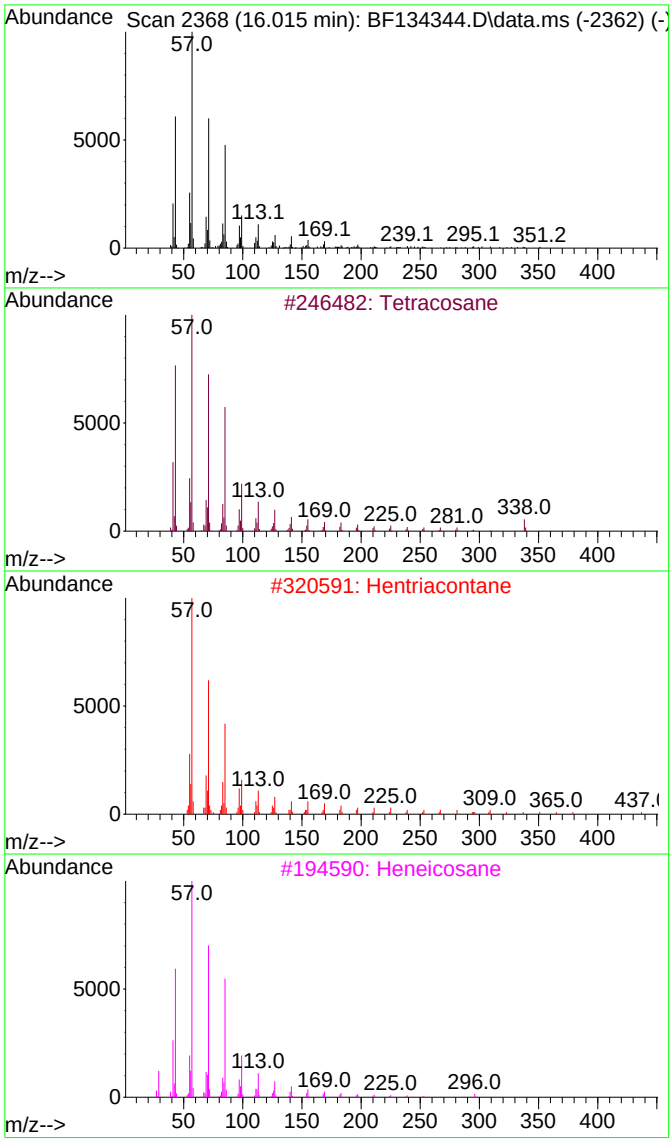
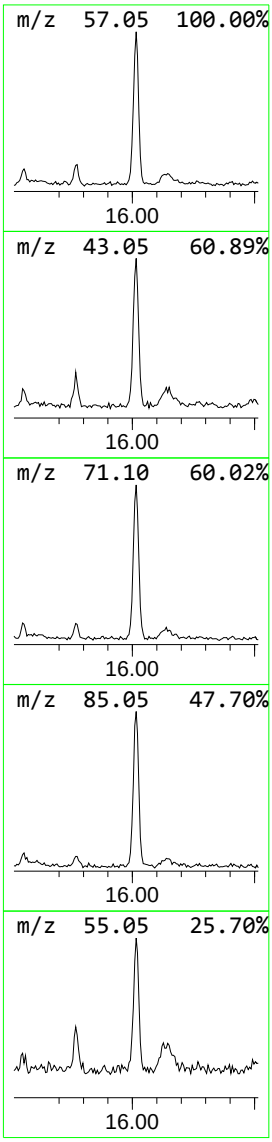
Peak Number 17 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.015	12.77 ng	313694	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	4-Methylheneicosane	310	C22H46	025117-29-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134344.D
Acq On : 18 Jul 2023 18:36
Operator : CG\JU
Sample : 03597-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-43-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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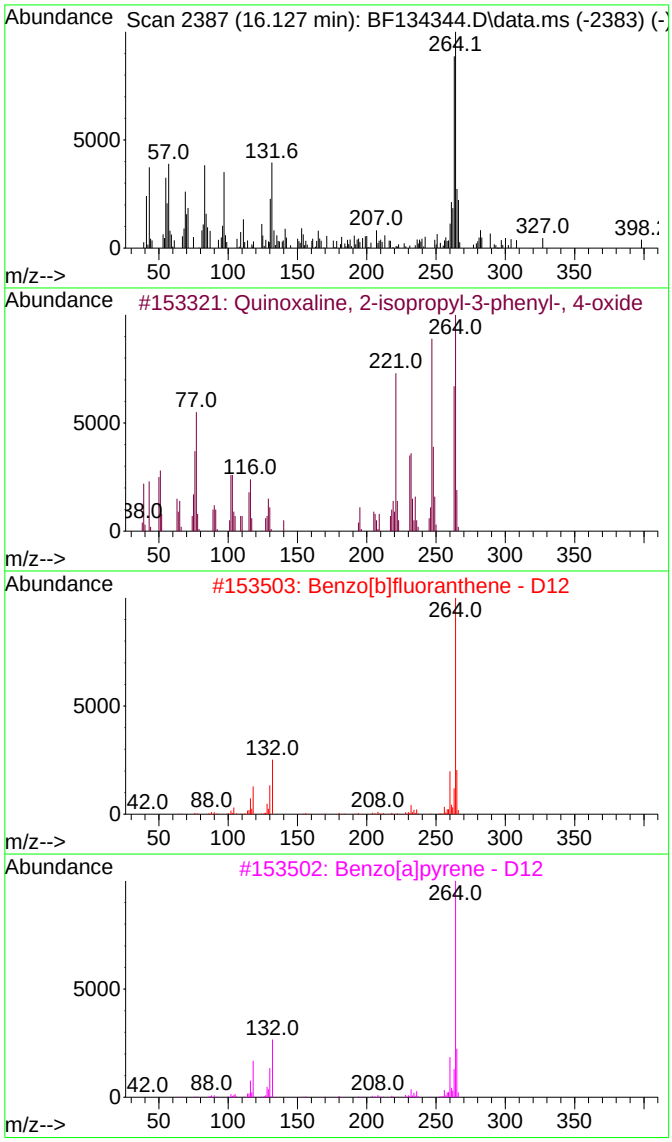
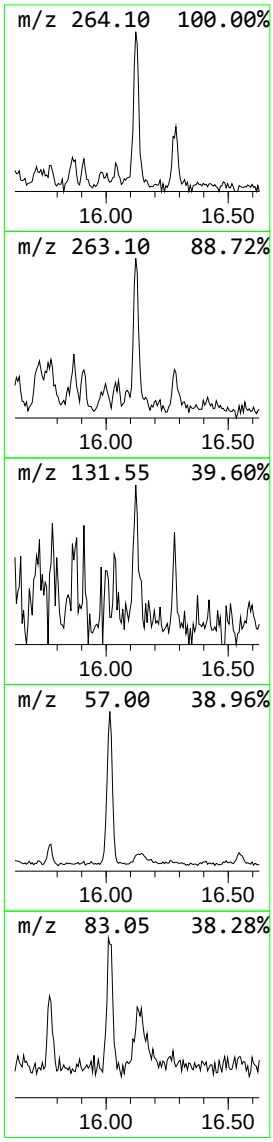
Peak Number 18 unknown16.127 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.127	4.75 ng	116754	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	43
2	Benzo[b]fluoranthene - D12	264	C20D12	093951-98-5	30
3	Benzo[a]pyrene - D12	264	C20D12	063466-71-7	27
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	25
5	(3Z)-3-[4-(Dimethylamino)benzyli...	264	C17H16N2O	090828-16-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134344.D
Acq On : 18 Jul 2023 18:36
Operator : CG\JU
Sample : 03597-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-43-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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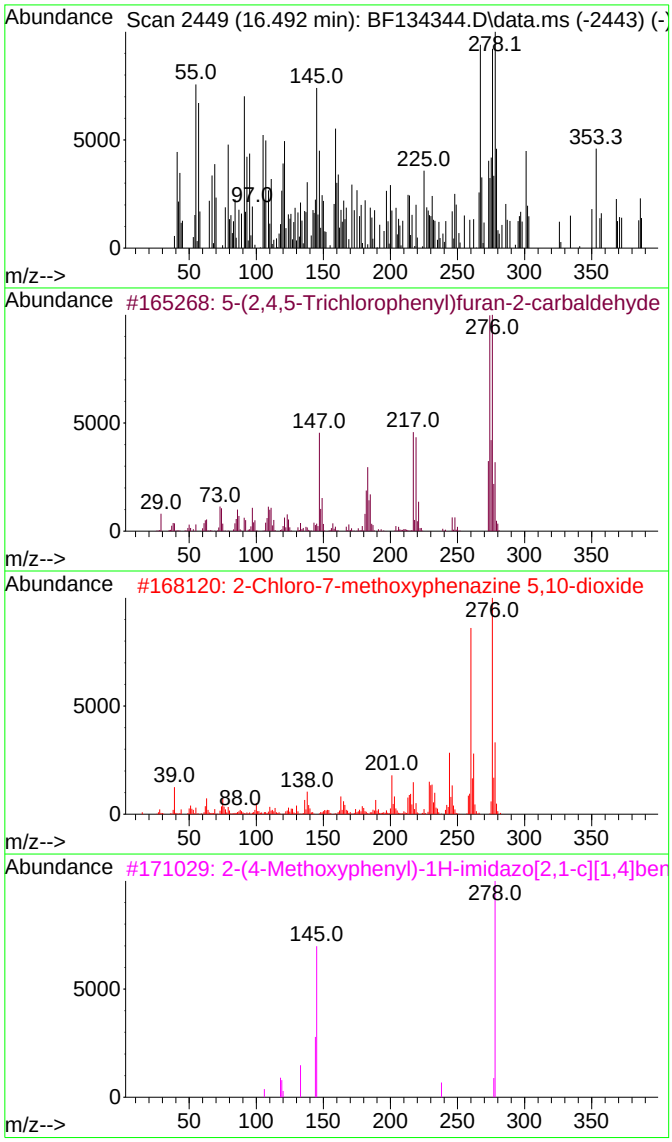
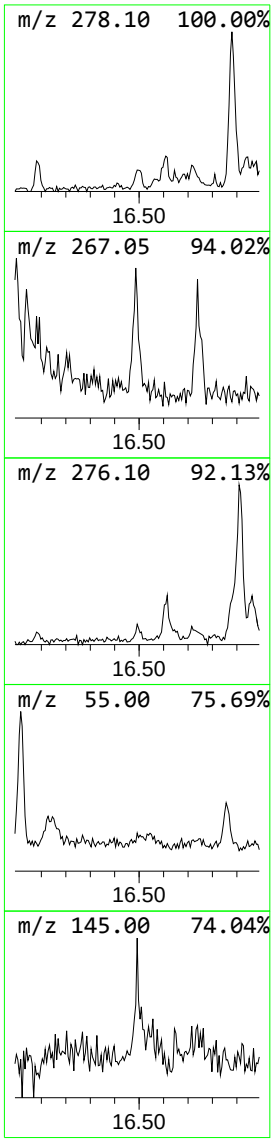
Peak Number 19 unknown16.492 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.492	3.60 ng	88372	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(2,4,5-Trichlorophenyl)furan-2...	274	C11H5Cl3O2	068502-15-8	25
2	2-Chloro-7-methoxyphenazine 5,10...	276	C13H9ClN2O3	023677-04-5	15
3	2-(4-Methoxyphenyl)-1H-imidazo[2...	278	C17H14N2O2	1000148-52-2	14
4	4H-Oxazolo[3',4':1,2]azepino[5,4...	362	C17H19BrN2O2	1000316-35-3	14
5	Quinoxaline, 6-(3-nitrobenzylide...	278	C15H10N4O2	302800-55-1	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134344.D
Acq On : 18 Jul 2023 18:36
Operator : CG\JU
Sample : 03597-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-43-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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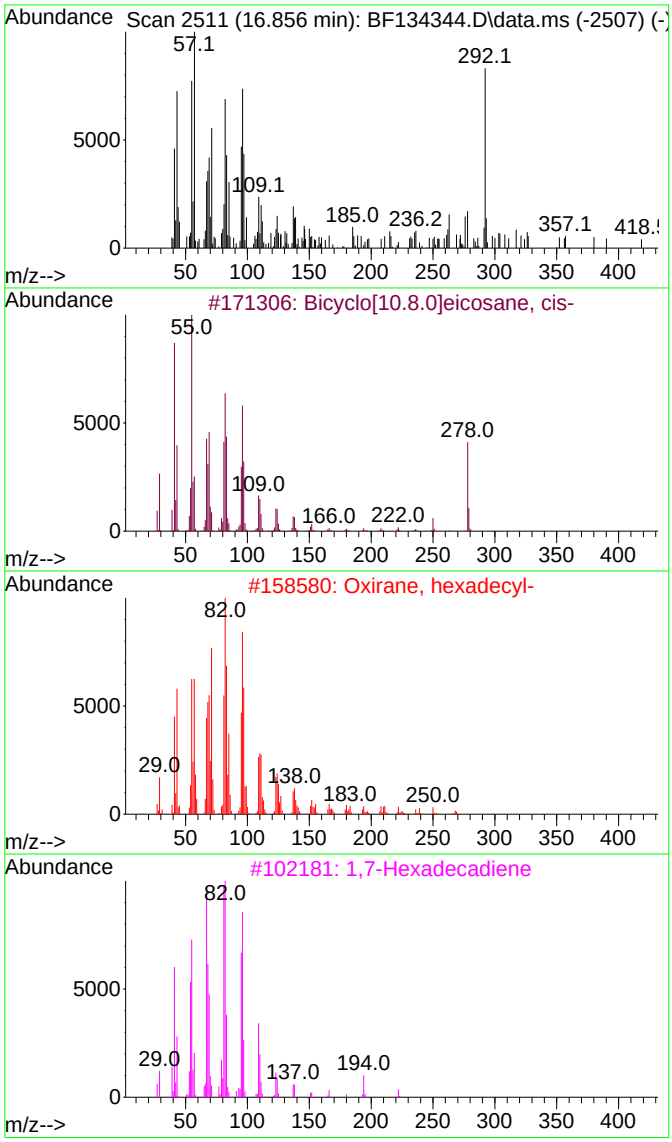
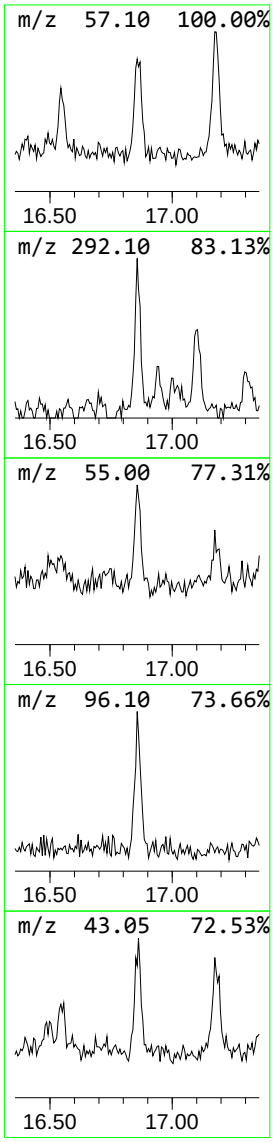
Peak Number 20 unknown16.856 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.856	5.02 ng	123265	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	49
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	38
3	1,7-Hexadecadiene	222	C16H30	125110-62-5	38
4	Furan-2-carboxamide, N-(2-butyl)...	321	C20H35NO2	1010458-96-7	38
5	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134344.D
Acq On : 18 Jul 2023 18:36
Operator : CG\JU
Sample : 03597-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-43-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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
Butane, 2-metho...	2.128	15.3	ng	365588	1	6.839	479172	20.0
Ethanol, 2-(2-e...	6.669	2.4	ng	56943	1	6.839	479172	20.0
2,4,7,9-Tetrame...	9.310	12.8	ng	422457	3	9.874	660737	20.0
Phenanthrene, 2...	11.868	6.3	ng	211699	4	11.368	670431	20.0
n-Hexadecanoic ...	11.898	14.6	ng	490084	4	11.368	670431	20.0
4H-Cyclopenta[d...	11.986	5.6	ng	186691	4	11.368	670431	20.0
9,10-Anthracene...	12.198	2.2	ng	74378	4	11.368	670431	20.0
unknown12.469	12.469	4.0	ng	133568	4	11.368	670431	20.0
Octadecanoic acid	12.686	2.7	ng	91144	4	11.368	670431	20.0
11H-Benzo[b]flu...	13.151	2.1	ng	129090	5	14.033	1234710	20.0
11H-Benzo[a]flu...	13.880	3.3	ng	201424	5	14.033	1234710	20.0
Triphenylphosph...	14.121	6.2	ng	384909	5	14.033	1234710	20.0
9,10[1',2']-Ben...	14.927	2.7	ng	66413	6	15.539	491315	20.0
Benzo[e]pyrene	15.204	4.1	ng	99750	6	15.539	491315	20.0
Perylene	15.409	15.2	ng	373634	6	15.539	491315	20.0
1,21-Docosadiene	15.768	4.5	ng	109543	6	15.539	491315	20.0
Tetracosane	16.015	12.8	ng	313694	6	15.539	491315	20.0
unknown16.127	16.127	4.8	ng	116754	6	15.539	491315	20.0
unknown16.492	16.492	3.6	ng	88372	6	15.539	491315	20.0
unknown16.856	16.856	5.0	ng	123265	6	15.539	491315	20.0