LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EN

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	549	552	570	rBV	1950713	2263313	69.35%	6.366%
2	6.363	724	727	754	rBV	2151939	2344788	71.85%	6.595%
3	6.569	759	762	777	rBV	29894	68329	2.09%	0.192%
4	6.710	783	786	797	rVB	662631	607726	18.62%	1.709%
5	7.281	879	883	898	rBV	1592730	1613928	49.45%	4.540%
6	7.998	1001	1005	1008	rBV	809973	809457	24.80%	2.277%
7	8.710	1123	1126	1133	rVB	39985	34943	1.07%	0.098%
8	9.069	1182	1187	1190	rBV	3081582	2800875	85.82%	7.878%
9	9.175	1202	1205	1212	rVB2	26751	42134	1.29%	0.119%
10	9.469	1252	1255	1262	rVB	389613	322448	9.88%	0.907%
11	9.610	1276	1279	1283	rVB	57950	44526	1.36%	0.125%
12	9.745	1297	1302	1305	rBV	1136659	939812	28.80%	2.643%
13	9.781	1305	1308	1315	rVB	144923	140644	4.31%	0.396%
14	9.951	1334	1337	1342	rBV	115407	109879	3.37%	0.309%
15	10.292	1392	1395	1401	rBV	134693	133159	4.08%	0.375%
16	10.451	1420	1422	1426	rVB	56392	44781	1.37%	0.126%
17	10.539	1433	1437	1452	rBV	1670467	1528957	46.85%	4.301%
18	10.845	1481	1489	1492	rBV3	39428	51396	1.57%	0.145%
19	10.969	1505	1510	1512	rBV2	34120	36825	1.13%	0.104%
20	11.051	1519	1524	1527	rBV	66495	58745	1.80%	0.165%
21	11.086	1527	1530	1533	rVV3	35268	46029	1.41%	0.129%
22	11.128	1535	1537	1543	rVB	95476	90753	2.78%	0.255%
23	11.233	1551	1555	1557	rBV	1166856	1090532	33.42%	3.067%
24	11.257	1557	1559	1562	rVV	1810374	1392215	42.66%	3.916%
25	11.310	1562	1568	1571	rVB	413976	373891	11.46%	1.052%
26	11.475	1591	1596	1601	rBV2	136855	164109	5.03%	0.462%
27	11.733	1637	1640	1642	rBV	162102	156870	4.81%	0.441%
28	11.763	1642	1645	1651	rVV2	486641	627699	19.23%	1.766%
29	11.810	1651	1653	1656	rVV	123162	125871	3.86%	0.354%
30	11.845	1656	1659	1661	rVV	249617	253443	7.77%	0.713%
31	11.869	1661	1663	1669	rVB	115204	110376	3.38%	0.310%
32	12.027	1687	1690	1694	rVB	171305	147252	4.51%	0.414%
33	12.075	1694	1698	1701	rBV2	95005	97793	3.00%	0.275%
34	12.175	1712	1715	1719	rBV	41940	45594	1.40%	0.128%
35	12.280	1730	1733	1736	rBV	77055	85470	2.62%	0.240%
36	12.322	1736	1740	1742	rVV2	48909	70716	2.17%	0.199%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EN

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.380	1746	1750	1753	rVV2	97250	96092	2.94%	0.270%
38	12.445	1757	1761	1765	rBV	1843047	1763502	54.04%	4.960%
39	12.551	1770	1779	1784	rVV2	318038	526203	16.12%	1.480%
40	12.598	1784	1787	1790	rVV	145891	171505	5.26%	0.482%
41	12.675	1794	1800	1806	rVV2	1676934	1945984	59.63%	5.474%
42	12.727	1806	1809	1814	rVV2	82813	101120	3.10%	0.284%
43	12.816	1818	1824	1827	rVV	3132962	3263481	100.00%	9.179%
44	12.845	1827	1829	1833	rVB	68036	71440	2.19%	0.201%
45	12.898	1833	1838	1842	rBV3	90509	154064	4.72%	0.433%
46	12.980	1848	1852	1853	rBV2	68360	69106	2.12%	0.194%
47	13.004	1854	1856	1859	rVB	145350	126454	3.87%	0.356%
48	13.045	1859	1863	1865	rBV4	38880	51266	1.57%	0.144%
49	13.069	1865	1867	1870	rVV	86395	78552	2.41%	0.221%
50	13.110	1870	1874	1881	rVB3	139243	198137	6.07%	0.557%
51	13.163	1881	1883	1886	rVB3	36658	34183	1.05%	0.096%
52	13.204	1886	1890	1892	rBV	69758	67360	2.06%	0.189%
53	13.233	1892	1895	1898	rBV3	80848	78412	2.40%	0.221%
54	13.304	1904	1907	1910	rBV3	22638	36219	1.11%	0.102%
55	13.380	1917	1920	1922	rBV3	44628	42397	1.30%	0.119%
56	13.522	1941	1944	1948	rVB	104102	89808	2.75%	0.253%
57	13.627	1957	1962	1964	rBV2	115650	140943	4.32%	0.396%
58	13.645	1964	1965	1968	rVB	107877	75725	2.32%	0.213%
59	13.674	1968	1970	1972	rBV	84937	75844	2.32%	0.213%
60	13.716	1972	1977	1978	rBV3	225718	259276	7.94%	0.729%
61	13.792	1986	1990	1995	rVB	31510	55783	1.71%	0.157%
62	13.874	1996	2004	2007	rBV2	1168515	1767798	54.17%	4.972%
63	13.898	2007	2008	2012	rVB	563704	452090	13.85%	1.272%
64	13.980	2019	2022	2026	rVB	118225	104102	3.19%	0.293%
65	14.027	2026	2030	2031	rBV3	41781	48942	1.50%	0.138%
66	14.080	2037	2039	2042	rBV2	27519	41106	1.26%	0.116%
67	14.110	2042	2044	2047	rVB	64049	60647	1.86%	0.171%
68	14.263	2065	2070	2073	rBV	110506	125592	3.85%	0.353%
69	14.298	2073	2076	2078	rVV	51916	54831	1.68%	0.154%
70	14.333	2078	2082	2085	rVV4	108826	207607	6.36%	0.584%
71	14.363	2085	2087	2089	rVV2	118905	151860	4.65%	0.427%
72	14.386	2089	2091	2098	rVB3	122929	195573	5.99%	0.550%
73	14.586	2122	2125	2129	rBV2	43182	64193	1.97%	0.181%
74	14.627	2129	2132	2136	rVB	38249	42714	1.31%	0.120%
75	14.751	2150	2153	2158	rBV2	69625	80991	2.48%	0.228%
76	14.898	2174	2178	2181	rBV	458397	643346	19.71%	1.810%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
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Acq On : 26 Oct 2020 17:08
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Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.004	2193	2196	2203	rVB	84682	98032	3.00%	0.276%
78	15.186	2223	2227	2234	rVB	287046	320706	9.83%	0.902%
79	15.245	2234	2237	2242	rVV	403528	453981	13.91%	1.277%
80	15.304	2243	2247	2251	rVV	583554	711002	21.79%	2.000%
81	15.339	2251	2253	2265	rVB2	108154	157975	4.84%	0.444%
82	15.474	2273	2276	2281	rBV4	33297	43981	1.35%	0.124%
83	15.698	2310	2314	2320	rBV	44563	73746	2.26%	0.207%
84	15.792	2323	2330	2332	rBV7	33020	77761	2.38%	0.219%
85	16.163	2390	2393	2400	rVB4	31910	51919	1.59%	0.146%
86	16.557	2457	2460	2465	rVB2	22266	34654	1.06%	0.097%
87	16.710	2480	2486	2494	rVB	191171	359883	11.03%	1.012%
88	16.874	2508	2514	2519	rBV	44822	87801	2.69%	0.247%
89	16.927	2519	2523	2530	rVB3	30071	59607	1.83%	0.168%
90	17.133	2552	2558	2566	rBV	156908	311381	9.54%	0.876%
91	17.374	2595	2599	2609	rVB	38501	85545	2.62%	0.241%
92	18.015	2701	2708	2710	rBV7	21381	46505	1.43%	0.131%
93	18.856	2844	2851	2858	rBV5	30724	88171	2.70%	0.248%

Sum of corrected areas: 35552176

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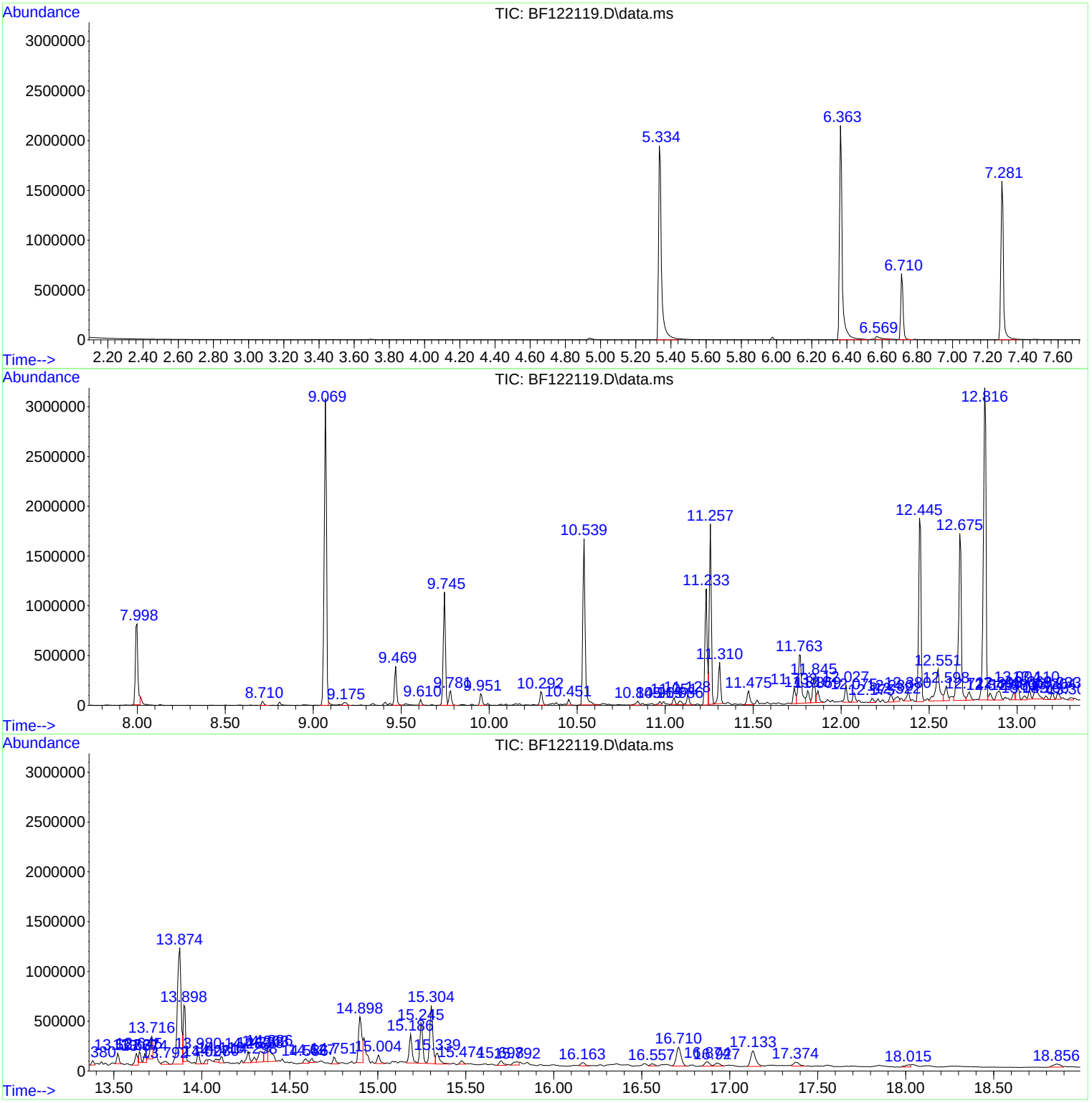
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

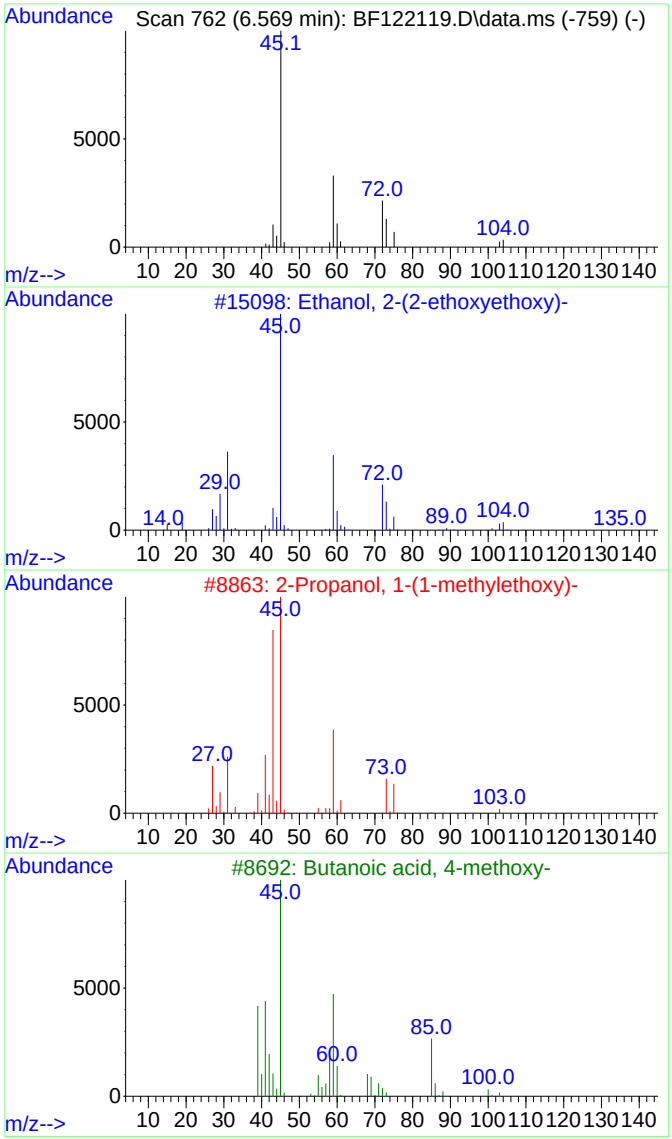
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

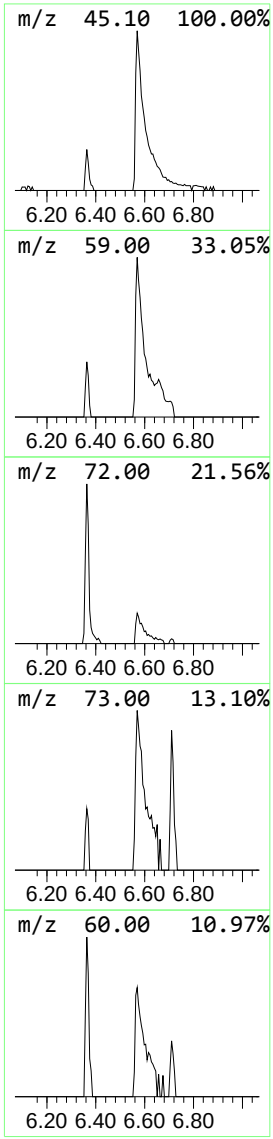
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.569	2.25 ng	68329	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	38
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	36
5	Methoxyacetic acid, 2-methylprop...	146	C7H14O3	1000282-40-9	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

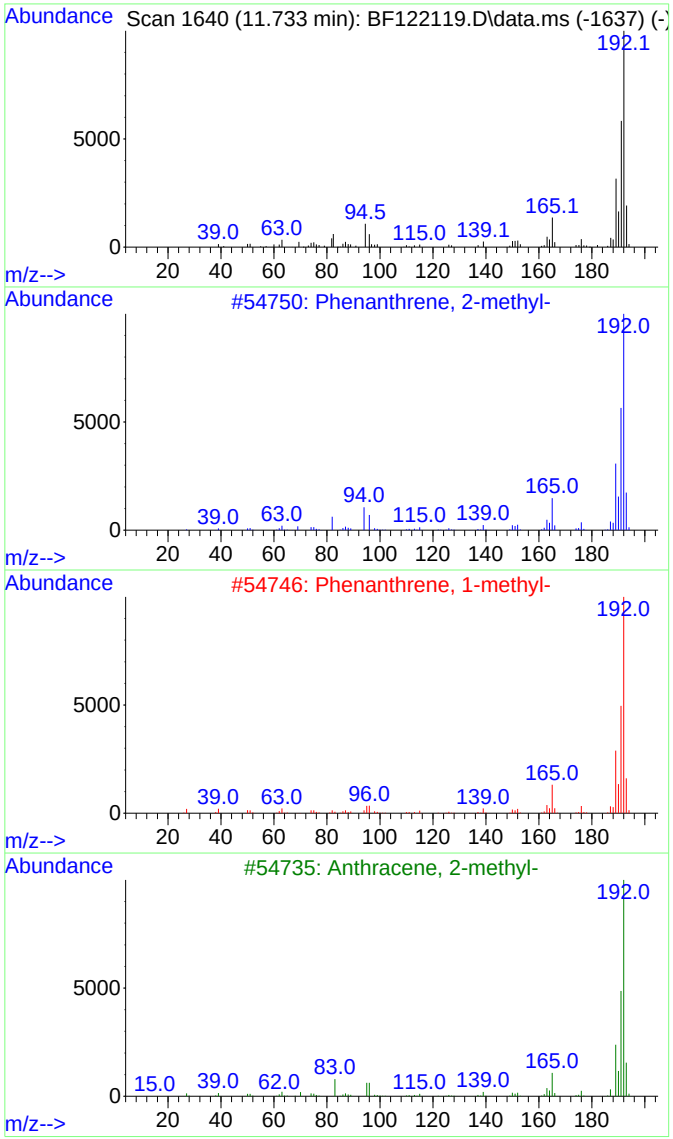
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

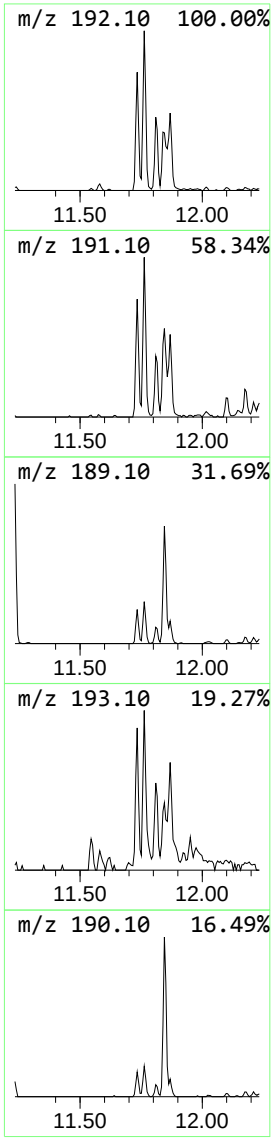
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	2.88 ng	156870	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

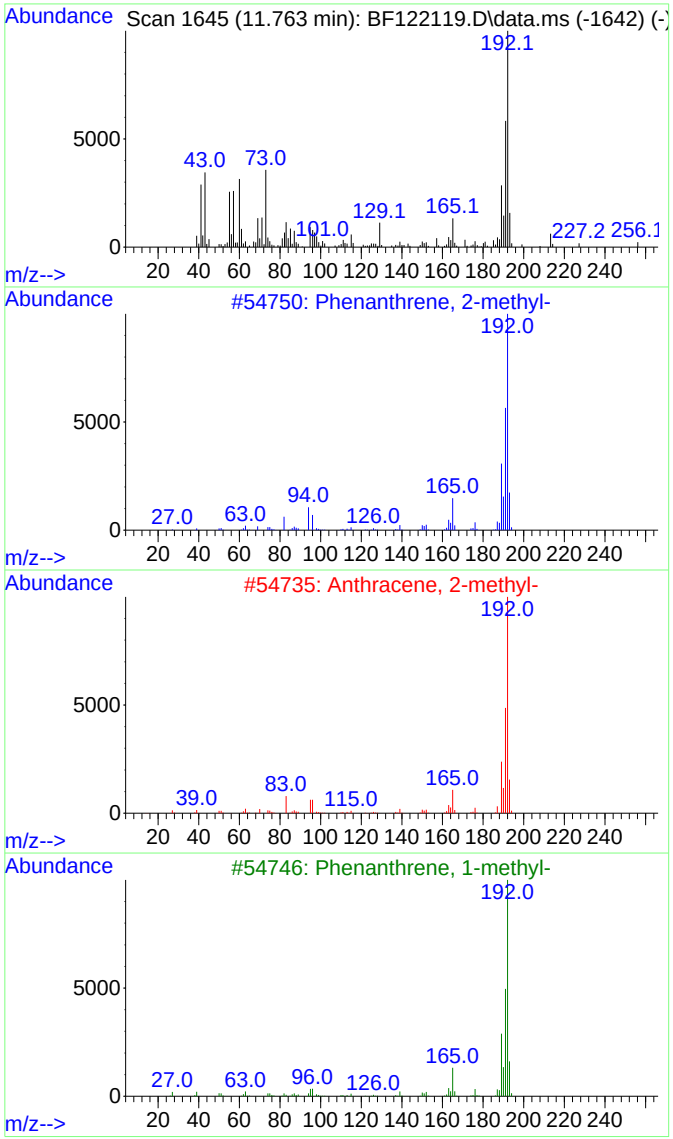
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

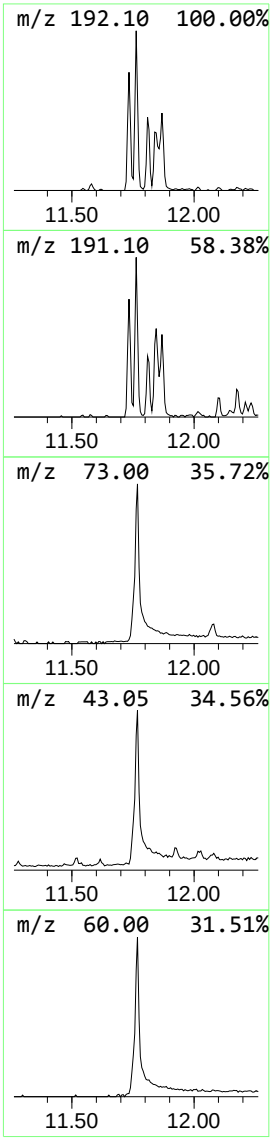
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	11.51 ng	627699	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

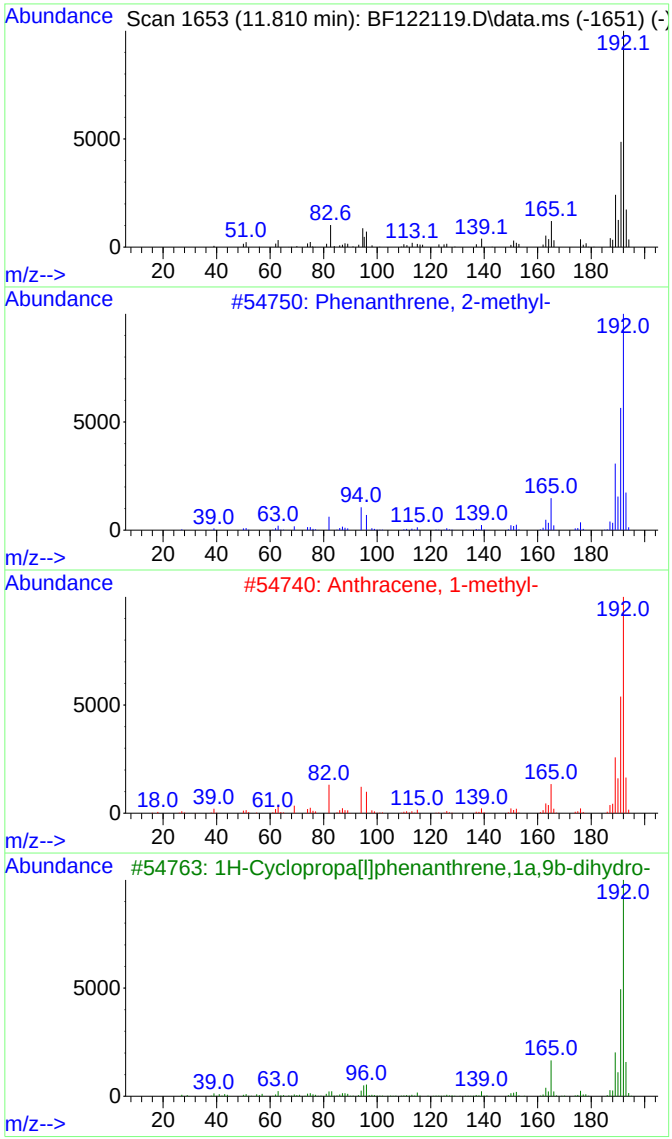
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

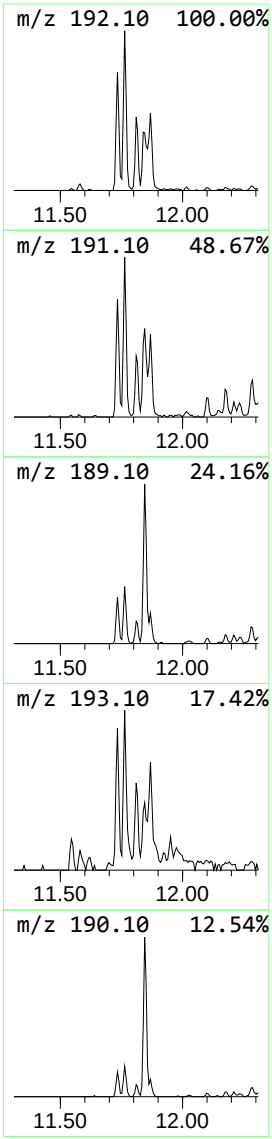
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	2.31 ng	125871	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

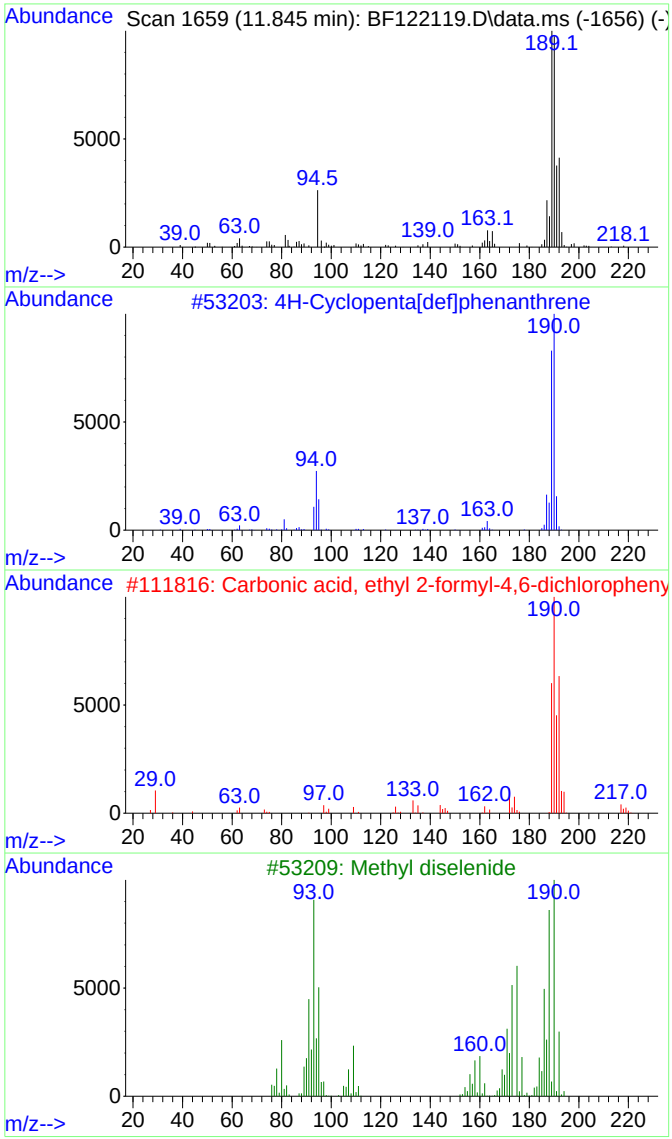
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

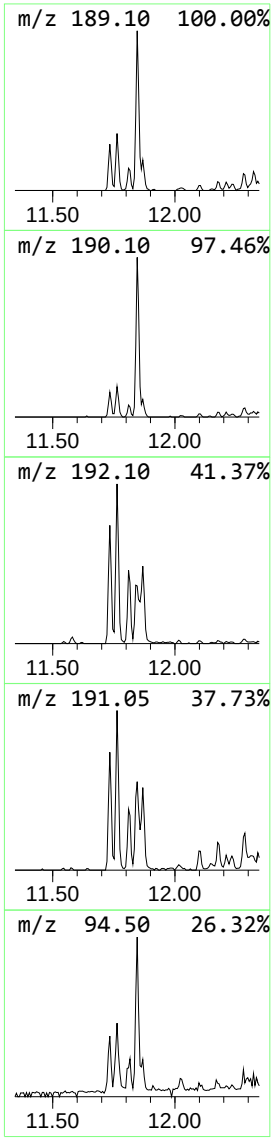
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	4.65 ng	253443	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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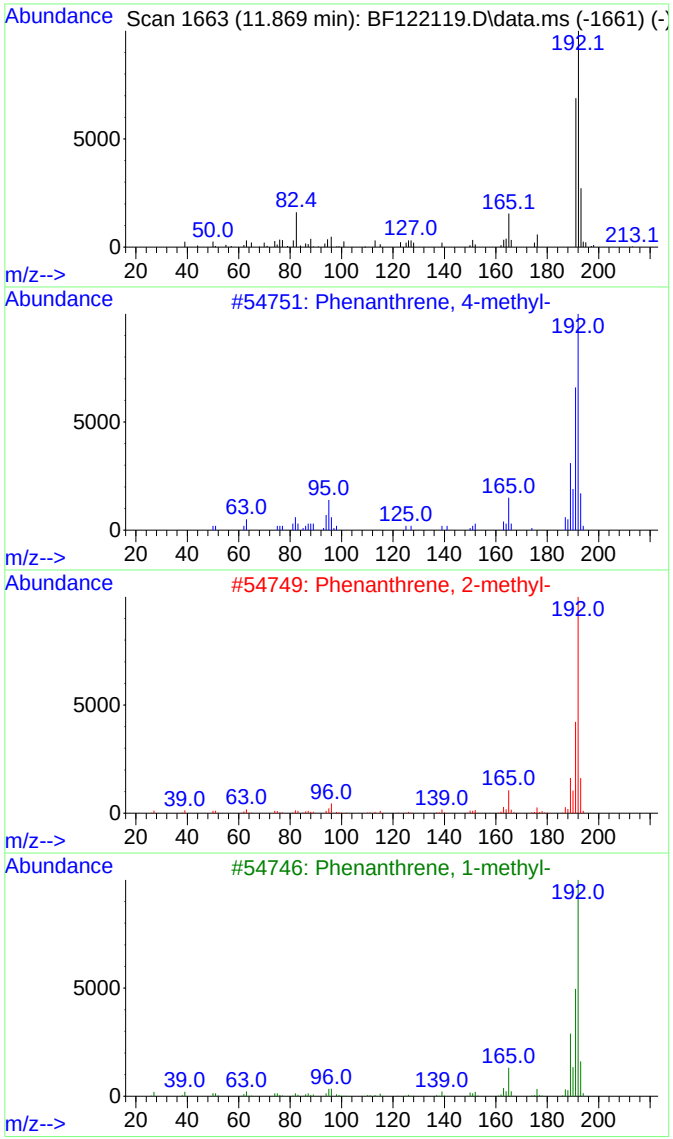
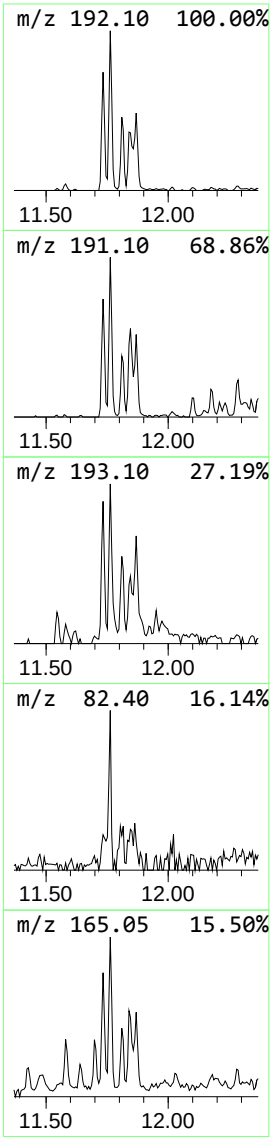
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	2.02 ng	110376	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80





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Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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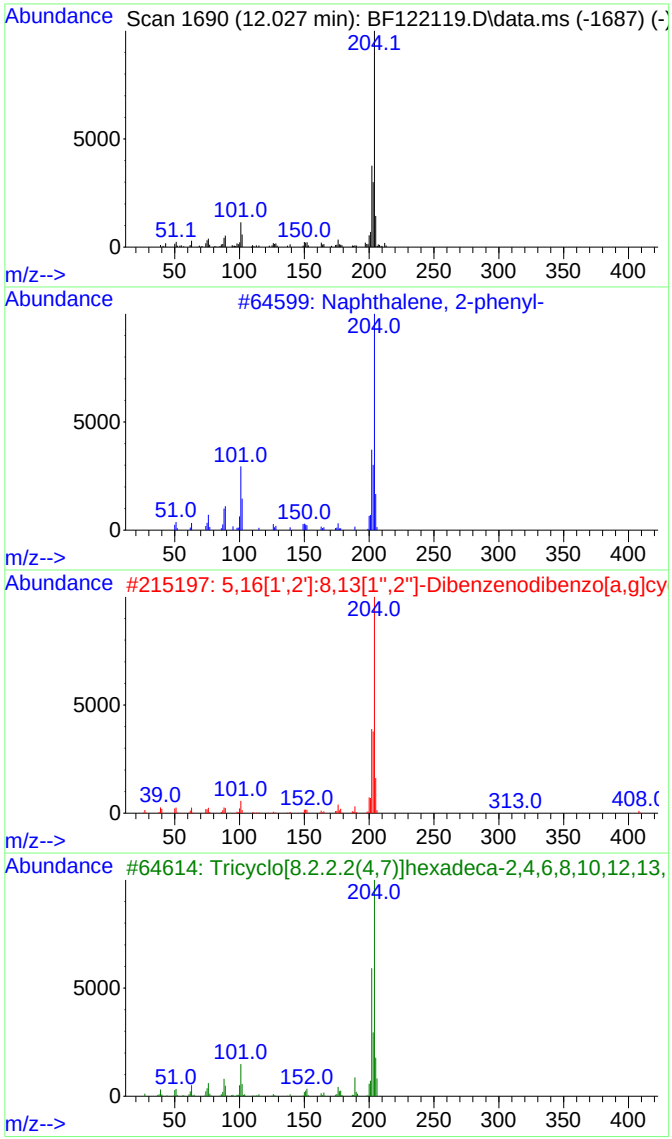
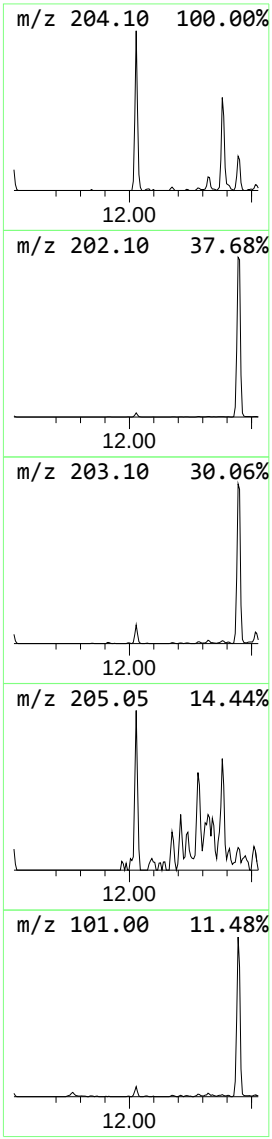
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	2.70 ng	147252	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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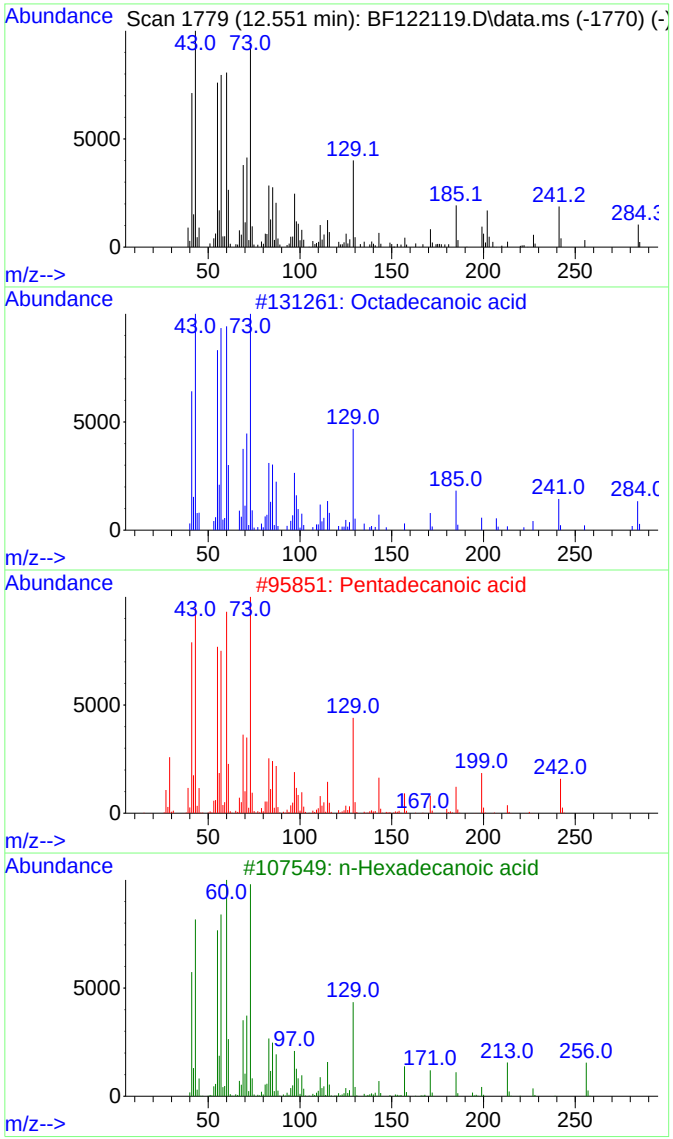
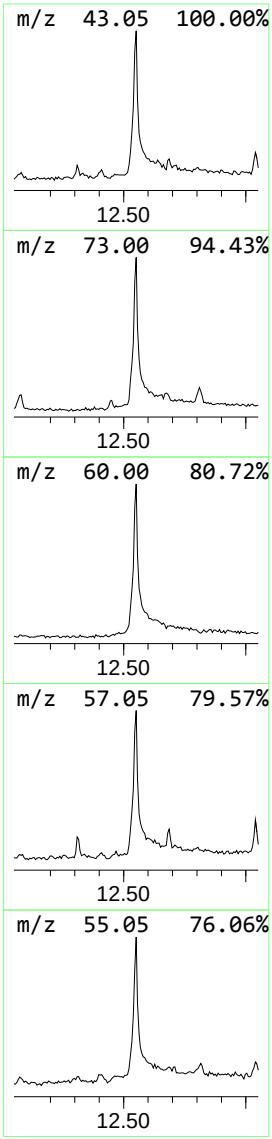
Peak Number 8 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	9.65 ng	526203	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	74





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ALS Vial : 5 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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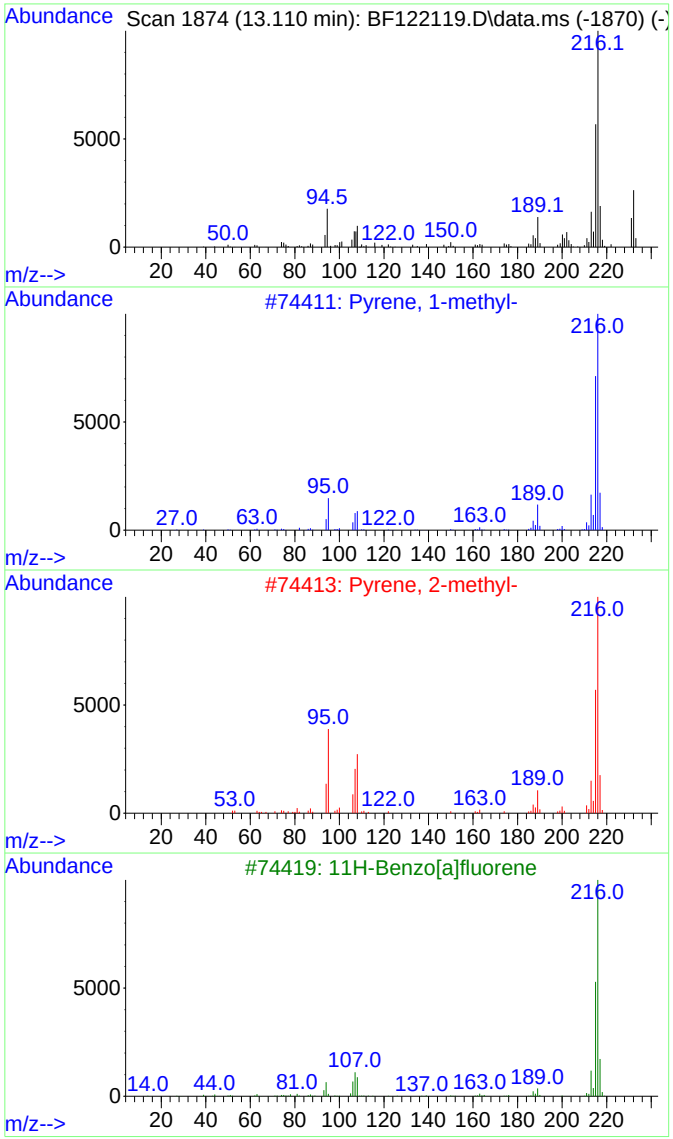
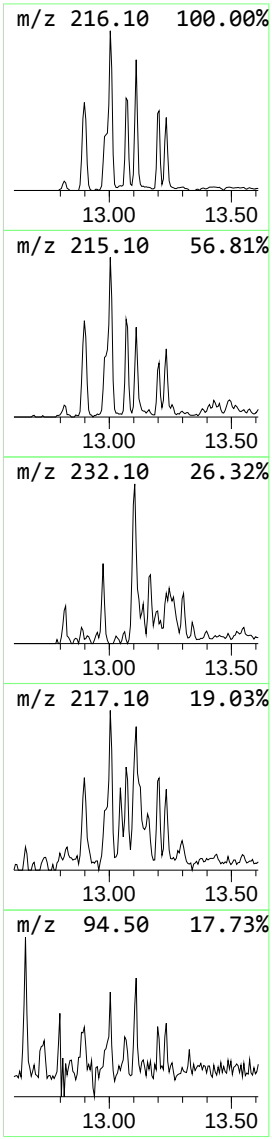
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.24 ng	198137	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





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Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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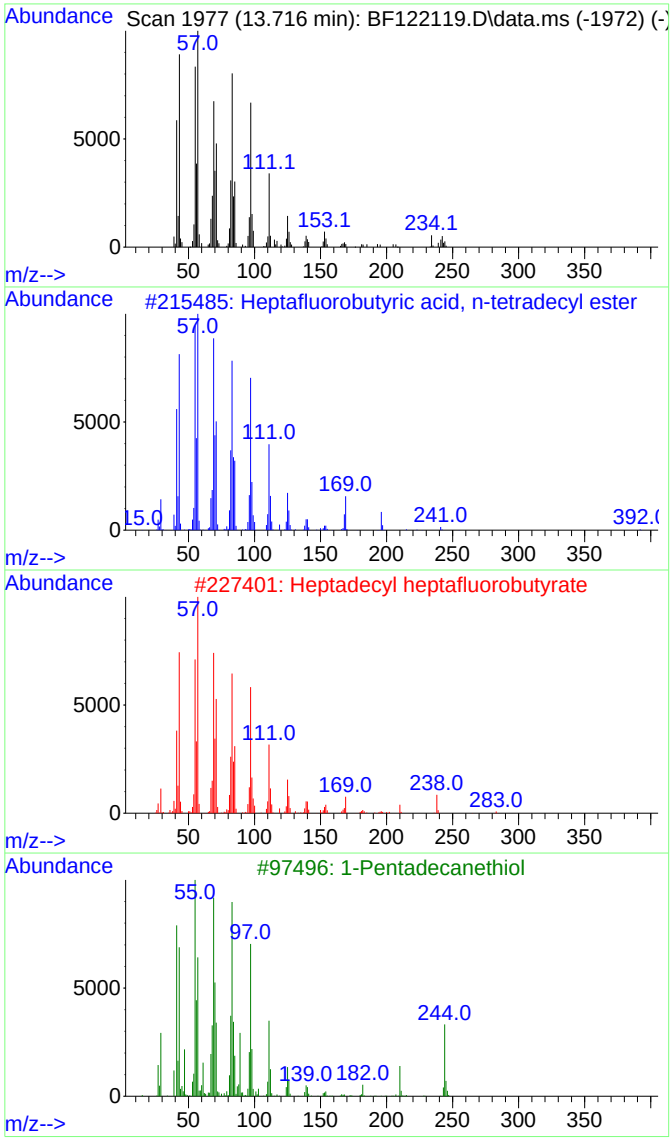
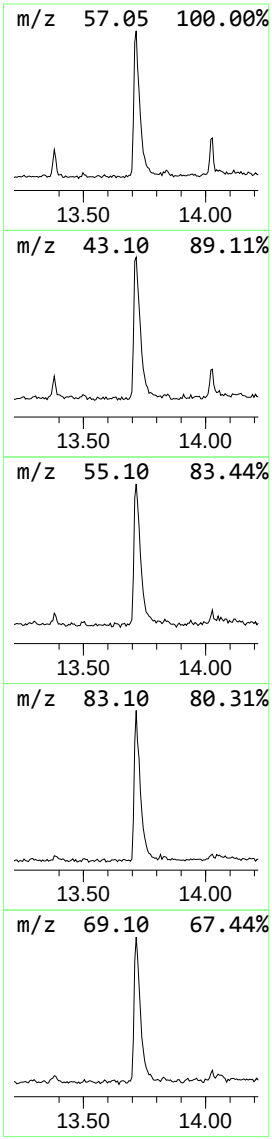
Peak Number 10 Heptafluorobutyric acid, n-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	2.93 ng	259276	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Pentadecanethiol	244	C15H32S	025276-70-4	91
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	Octacosanol	410	C28H58O	000557-61-9	91





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Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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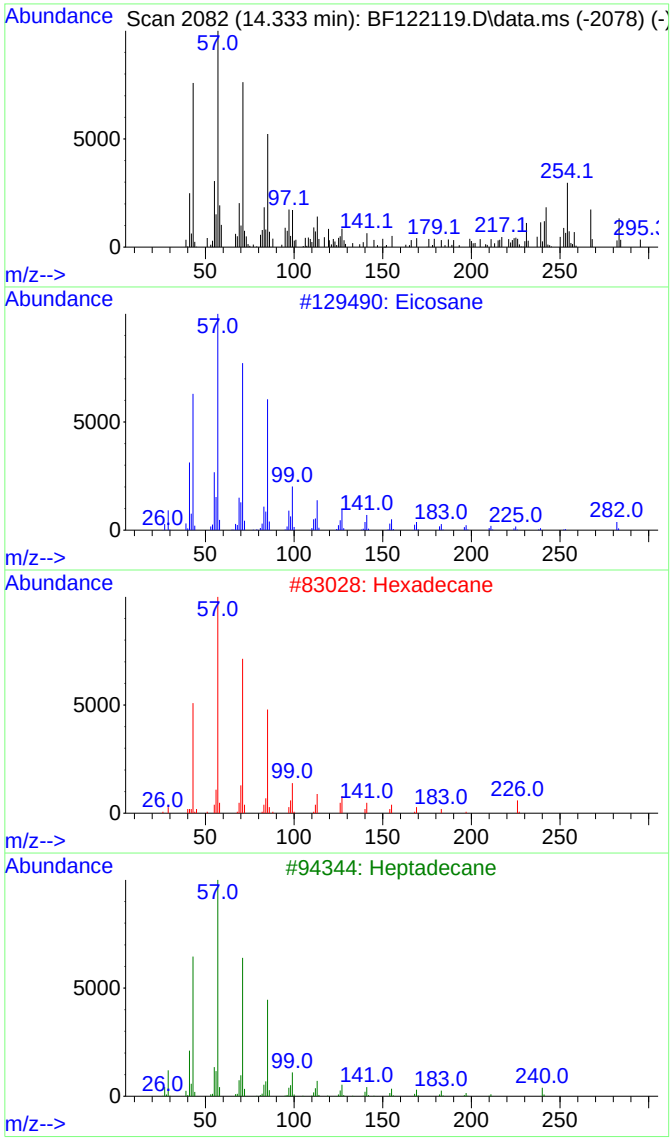
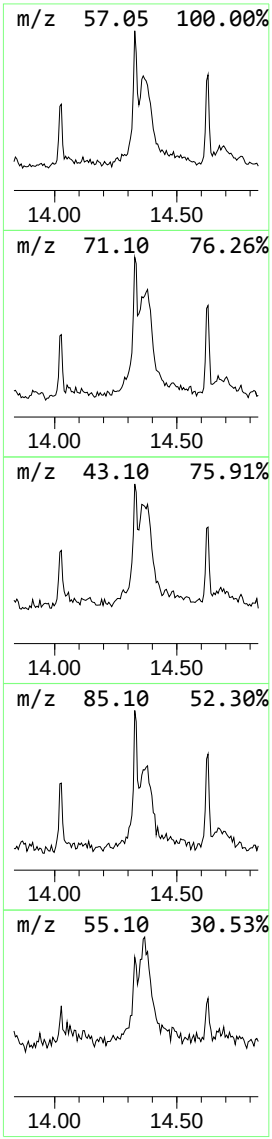
Peak Number 11 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.333	2.35 ng	207607	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptadecane	240	C17H36	000629-78-7	92
4	Nonadecane	268	C19H40	000629-92-5	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83





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ALS Vial : 5 Sample Multiplier: 1

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BNA_F
ClientSampleId :
AB-EN

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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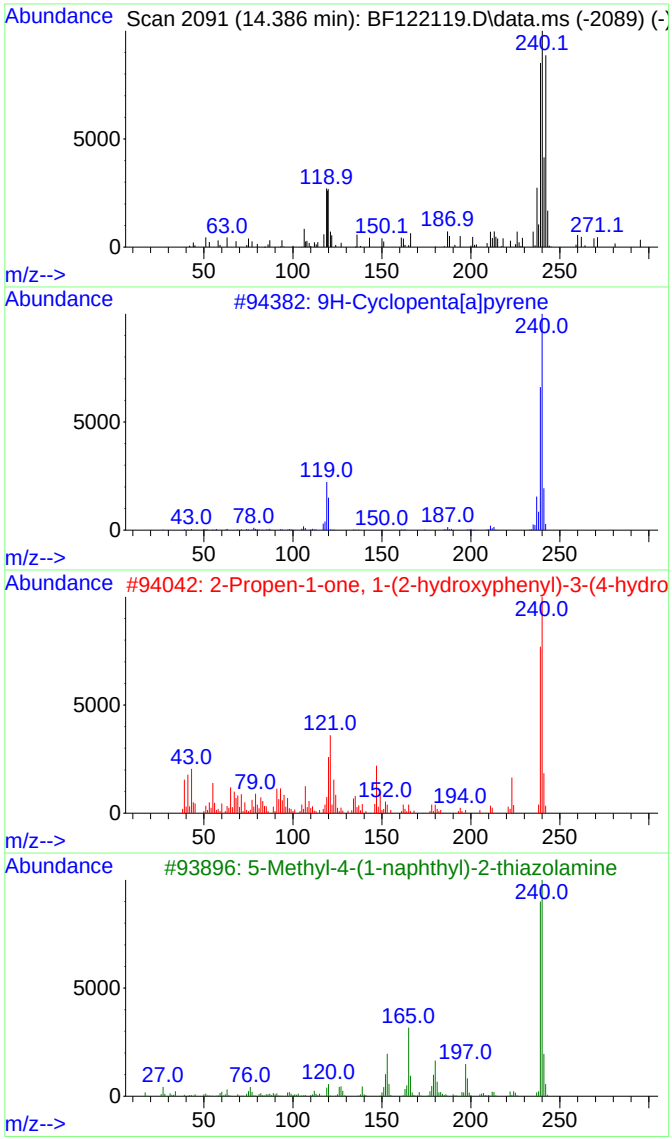
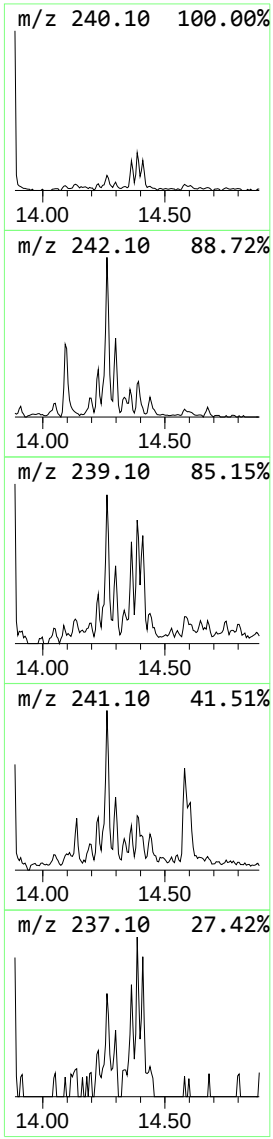
Peak Number 12 9H-Cyclopenta[a]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	2.21 ng	195573	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	83
2	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5	45
3	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	35
4	9H-Tribenzo[a,c,e]cycloheptene	242	C19H14	000213-10-5	27
5	8,9-Dihydro-7H-cyclopenta[a]pyrene	242	C19H14	082979-72-4	25





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Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AB-EN

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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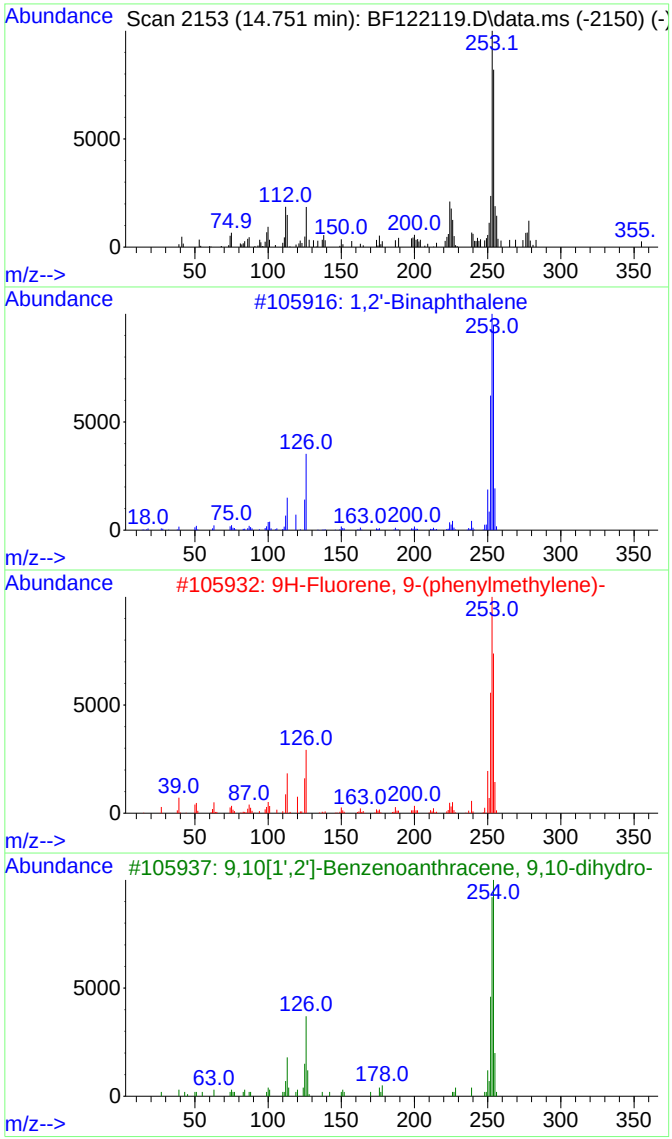
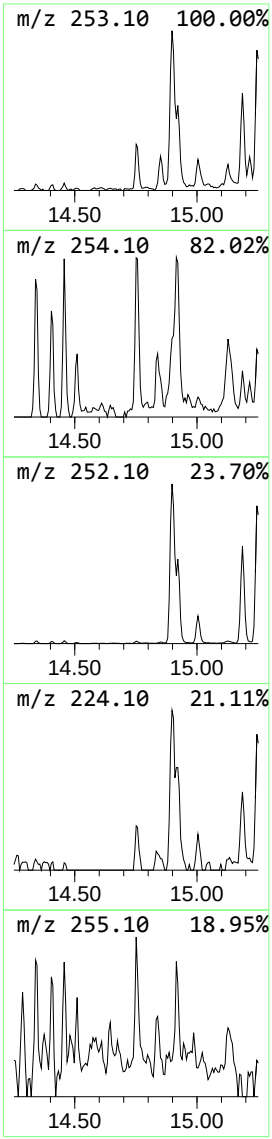
Peak Number 13 1,2'-Binaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	2.28 ng	80991	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2'-Binaphthalene	254	C20H14	004325-74-0	70
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	58
5	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	58





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Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EN

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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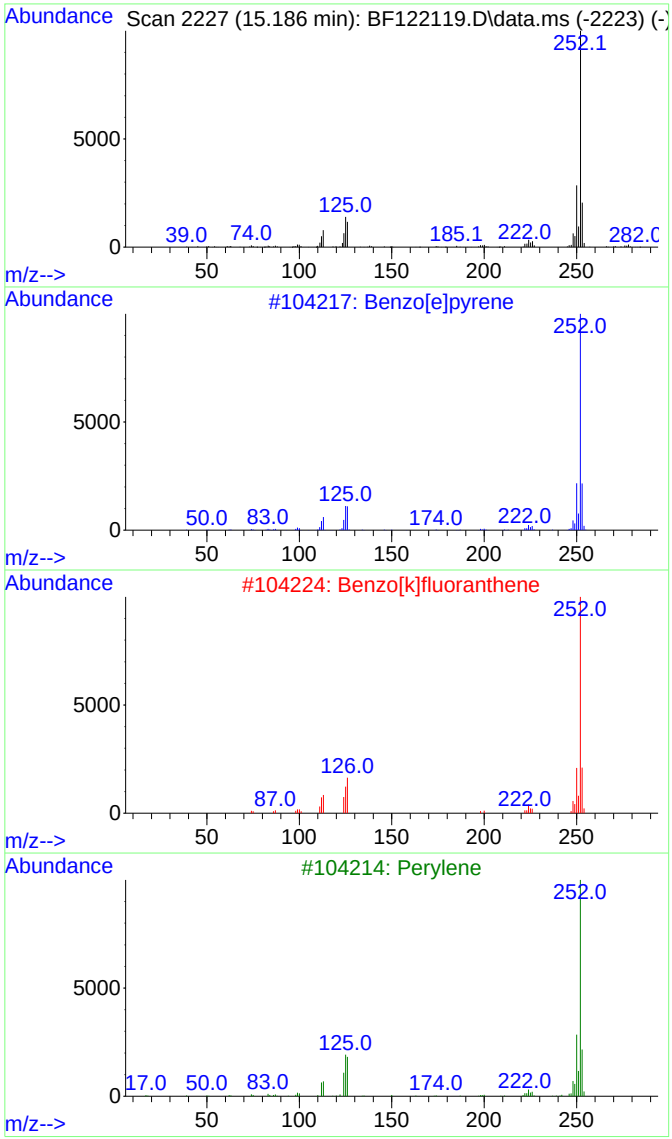
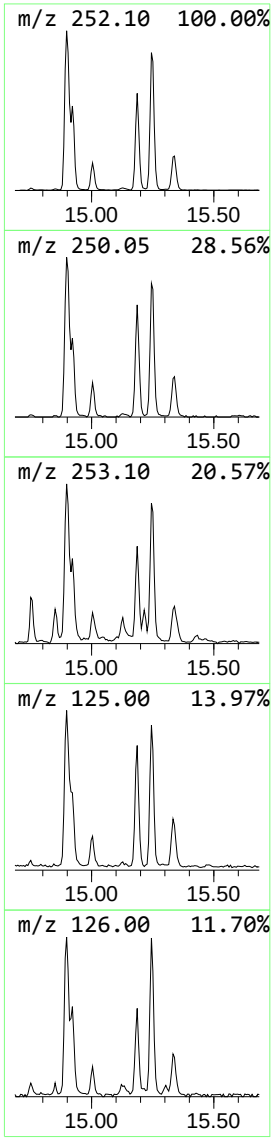
Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	9.02 ng	320706	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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Sample : L4494-02
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EN

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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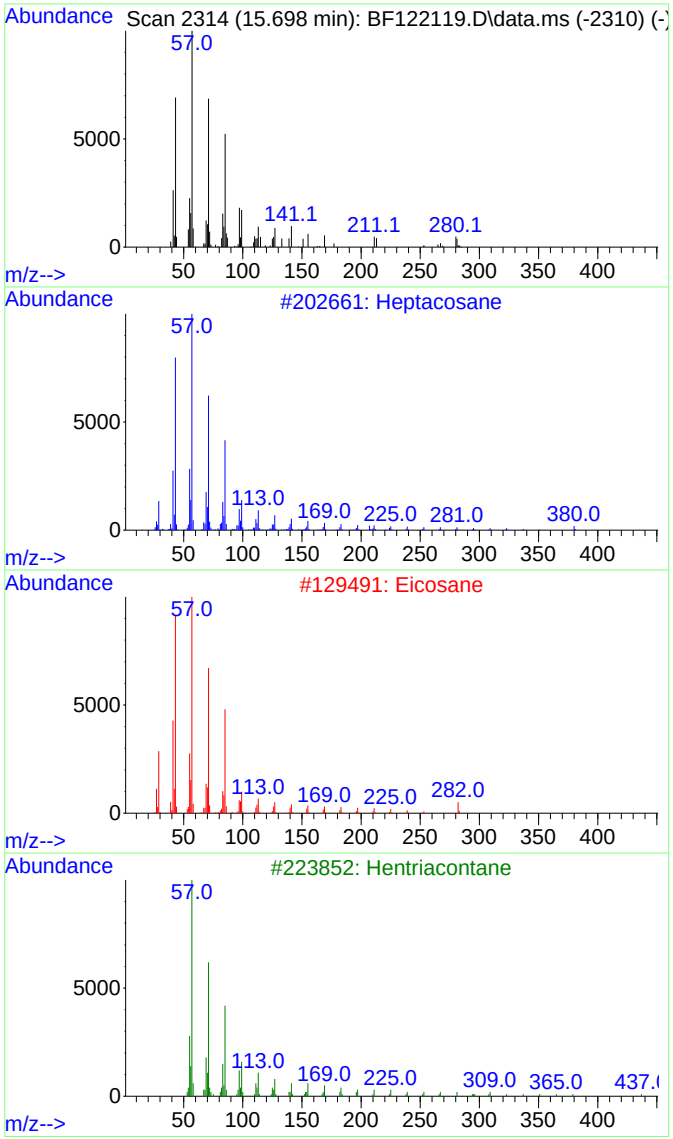
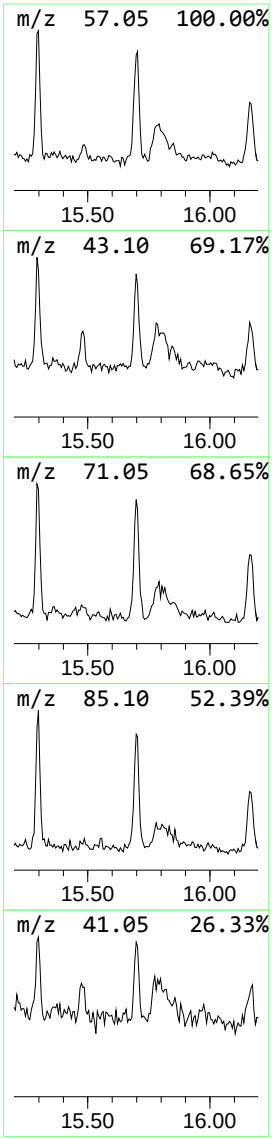
Peak Number 16 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	2.07 ng	73746	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Octadecane	254	C18H38	000593-45-3	86





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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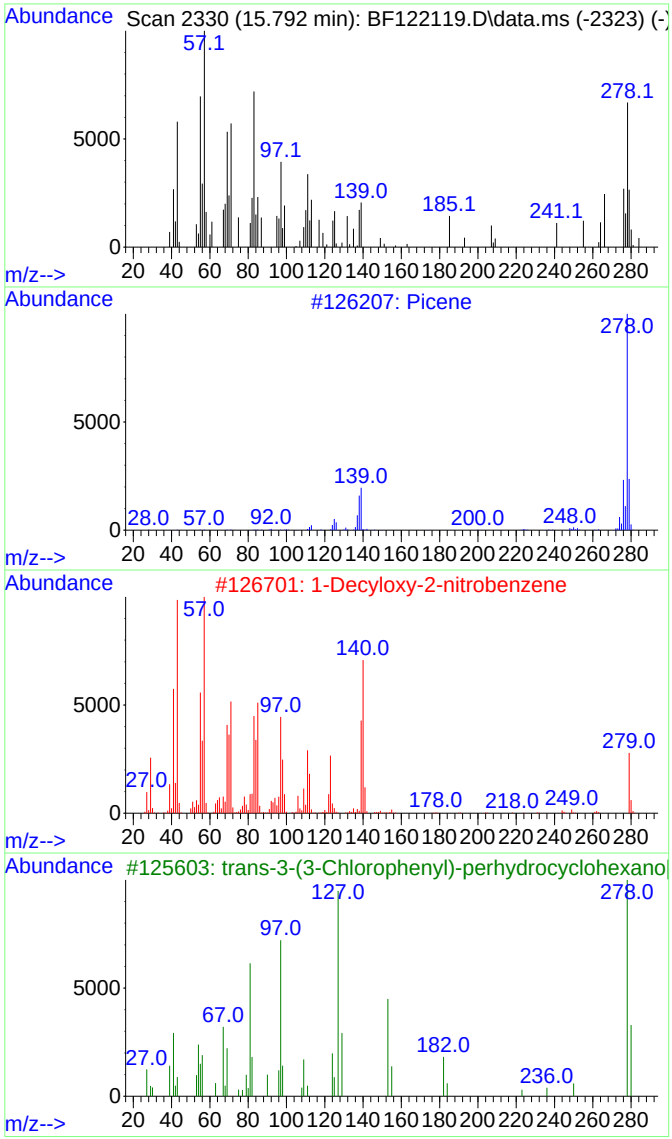
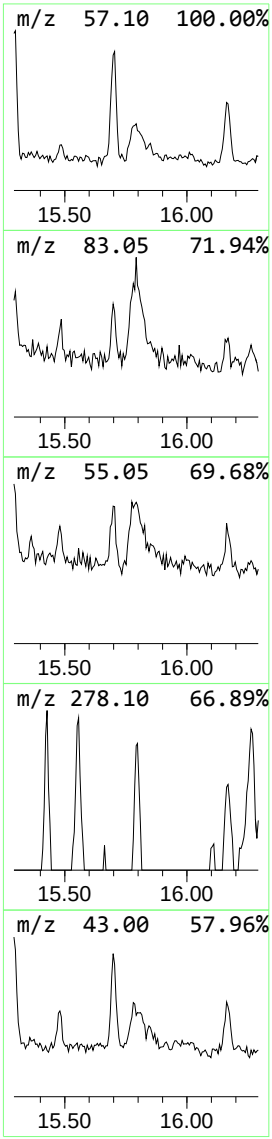
Peak Number 17 unknown15.79 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.792	2.19 ng	77761	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	30
2	1-Decyloxy-2-nitrobenzene	279	C16H25NO3	098311-79-6	30
3	trans-3-(3-Chlorophenyl)-perhydr...	278	C14H15ClN2O2	1000148-52-4	25
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	25
5	17-Pentatriacontene	491	C35H70	006971-40-0	25





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Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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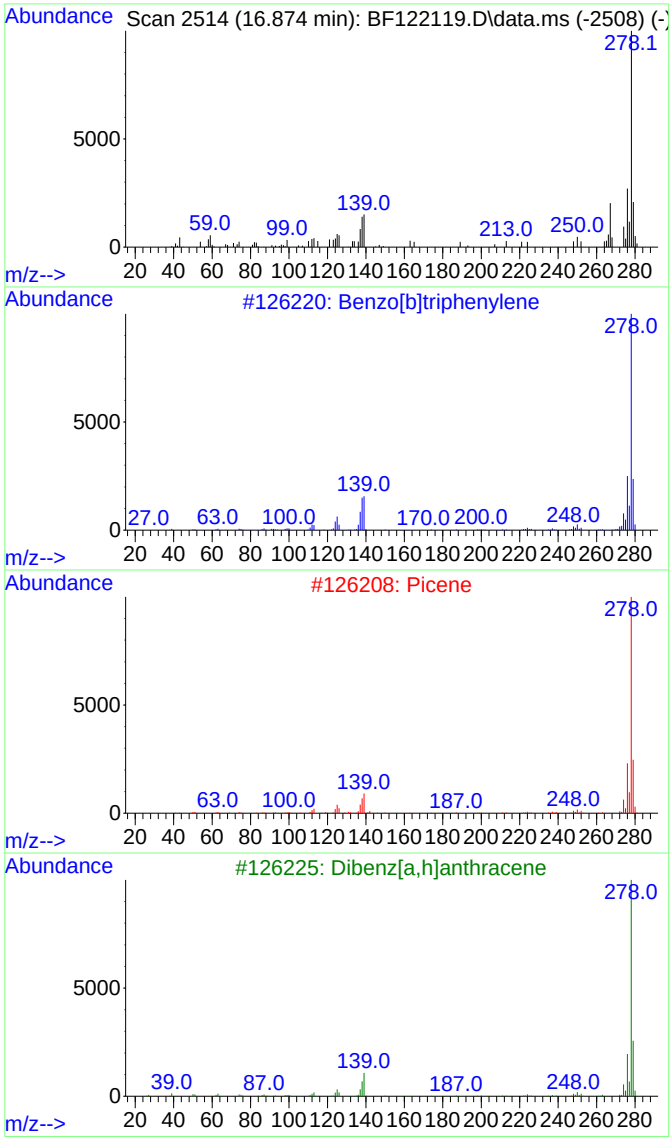
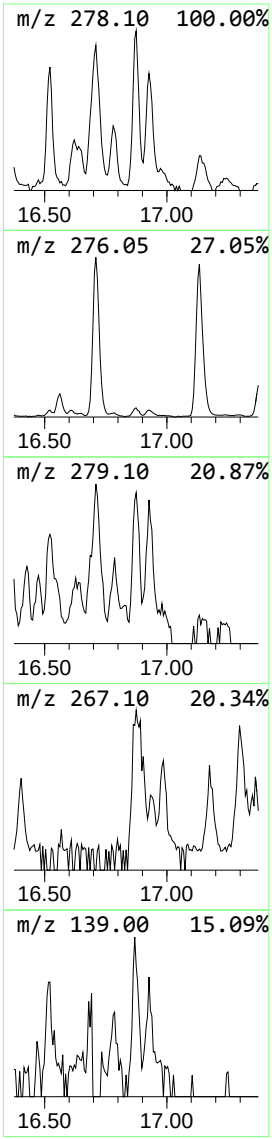
Peak Number 18 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.874	2.47 ng	87801	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2	Picene	278	C22H14	000213-46-7	93
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	70
5	Benzo[b]chrysene	278	C22H14	000214-17-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

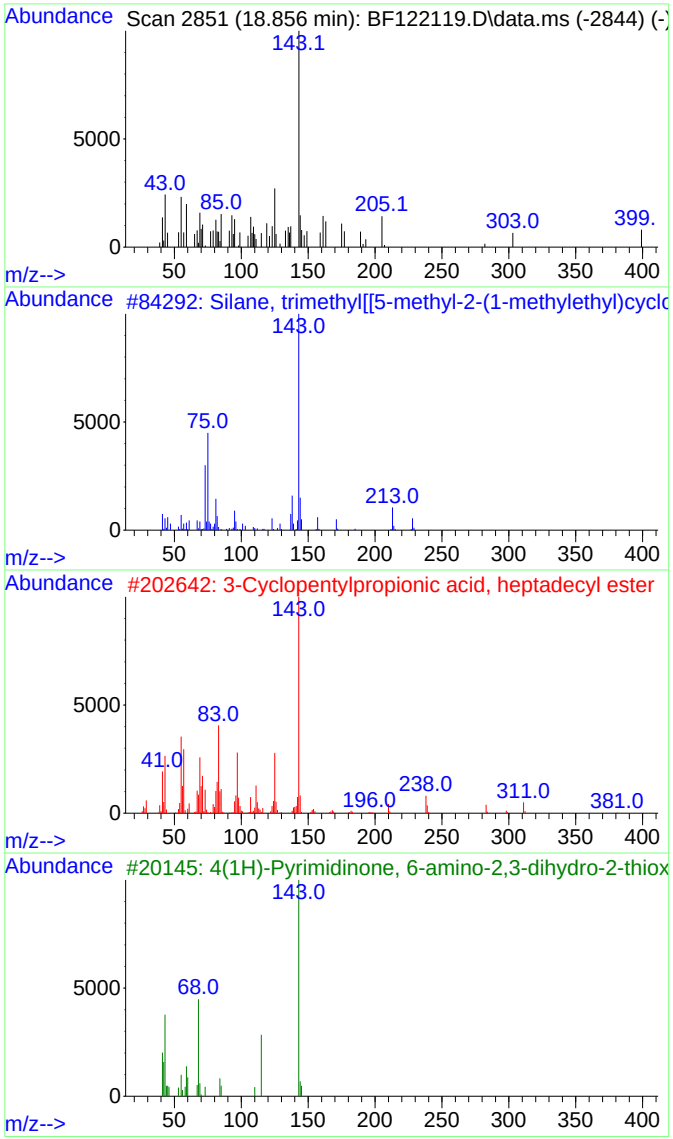
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

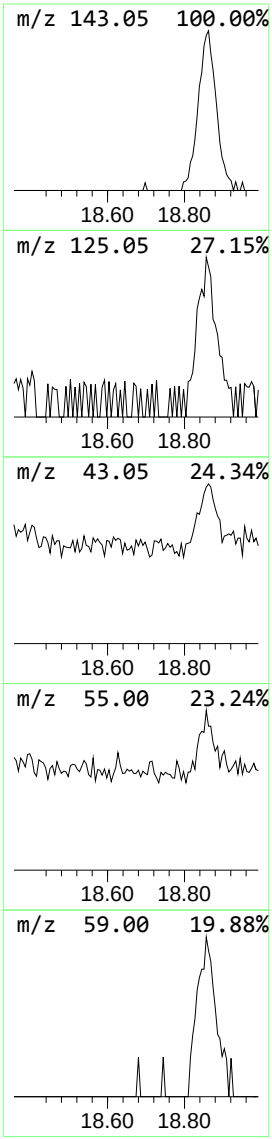
****

Peak Number 20 unknown18.85 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	2.48 ng	88171	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trimethyl[[5-methyl-2-(1...	228	C13H28OSi	018419-38-0	38
2	3-Cyclopentylpropionic acid, hep...	380	C25H48O2	1000292-27-4	38
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	38
4	2H-Pyran-3-ol, tetrahydro-2,2,6-...	238	C15H26O2	022567-36-8	38
5	Glutaric acid, ethyl 6-ethyloct-...	300	C17H32O4	1000358-21-4	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
Acq On : 26 Oct 2020 17:08
Operator : JU/CG
Sample : L4494-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-EN

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.569	2.3	ng	68329	1	6.710	607726	20.0
Phenanthrene, 2...	11.733	2.9	ng	156870	4	11.233	1090530	20.0
Anthracene, 2-m...	11.763	11.5	ng	627699	4	11.233	1090530	20.0
Anthracene, 1-m...	11.810	2.3	ng	125871	4	11.233	1090530	20.0
4H-Cyclopenta[d...	11.845	4.7	ng	253443	4	11.233	1090530	20.0
Phenanthrene, 4...	11.869	2.0	ng	110376	4	11.233	1090530	20.0
Naphthalene, 2-...	12.028	2.7	ng	147252	4	11.233	1090530	20.0
Octadecanoic acid	12.551	9.7	ng	526203	4	11.233	1090530	20.0
Pyrene, 1-methyl-	13.110	2.2	ng	198137	5	13.874	1767800	20.0
Heptafluorobuty...	13.716	2.9	ng	259276	5	13.874	1767800	20.0
Eicosane	14.333	2.4	ng	207607	5	13.874	1767800	20.0
9H-Cyclopenta[a...	14.386	2.2	ng	195573	5	13.874	1767800	20.0
1,2'-Binaphthalene	14.751	2.3	ng	80991	6	15.304	711002	20.0
Benzo[e]pyrene	15.186	9.0	ng	320706	6	15.304	711002	20.0
Heptacosane	15.698	2.1	ng	73746	6	15.304	711002	20.0
unknown15.79	15.792	2.2	ng	77761	6	15.304	711002	20.0
Benzo[b]triphen...	16.874	2.5	ng	87801	6	15.304	711002	20.0
unknown18.85	18.857	2.5	ng	88171	6	15.304	711002	20.0