LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120054.D
Acq On : 17 Apr 2020 12:59
Operator : MA/SJ
Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.334	548	552	569	rVB	3689430	3984555	81.34%	7.464%
2	6.016	662	668	674	rBV	174604	284615	5.81%	0.533%
3	6.369	723	728	731	rBV	3531902	3893368	79.48%	7.293%
4	6.404	731	734	742	rVB	495482	440226	8.99%	0.825%
5	6.551	756	759	767	rVB2	84961	129887	2.65%	0.243%
6	6.728	785	789	792	rBV	1297259	1120588	22.88%	2.099%
7	6.886	811	816	819	rBV	3533249	3399370	69.39%	6.368%
8	7.292	879	885	888	rBV	2684376	2740252	55.94%	5.133%
9	8.010	1003	1007	1010	rBV	1756376	1443560	29.47%	2.704%
10	8.422	1074	1077	1080	rBV	84921	76731	1.57%	0.144%
11	8.586	1100	1105	1111	rBV	729825	609461	12.44%	1.142%
12	8.822	1142	1145	1148	rVB	72229	56464	1.15%	0.106%
13	9.092	1185	1191	1198	rBV	5481816	4898598	100.00%	9.176%
14	9.422	1245	1247	1250	rBV	71667	69759	1.42%	0.131%
15	9.486	1254	1258	1265	rVB	367646	347482	7.09%	0.651%
16	9.627	1279	1282	1284	rBV	71237	64047	1.31%	0.120%
17	9.657	1284	1287	1289	rVB	107219	90384	1.85%	0.169%
18	9.769	1299	1306	1309	rBV	1665608	1407694	28.74%	2.637%
19	9.798	1309	1311	1316	rVB	254088	207315	4.23%	0.388%
20	9.969	1337	1340	1345	rBV	125883	123625	2.52%	0.232%
21	10.175	1372	1375	1378	rBV2	52528	58540	1.20%	0.110%
22	10.310	1395	1398	1402	rBV	174833	154234	3.15%	0.289%
23	10.404	1411	1414	1420	rVV4	110981	141823	2.90%	0.266%
24	10.475	1423	1426	1430	rVB2	57637	58565	1.20%	0.110%
25	10.557	1435	1440	1443	rBV	2617981	2297451	46.90%	4.304%
26	10.680	1458	1461	1464	rVB3	61853	56112	1.15%	0.105%
27	10.716	1464	1467	1472	rBV	283504	250843	5.12%	0.470%
28	10.839	1485	1488	1495	rBV2	225202	267928	5.47%	0.502%
29	10.969	1508	1510	1515	rVB5	43007	70885	1.45%	0.133%
30	11.057	1523	1525	1528	rVV	70571	58507	1.19%	0.110%
31	11.110	1531	1534	1536	rVV2	62751	78457	1.60%	0.147%
32	11.151	1539	1541	1547	rVB2	146241	177038	3.61%	0.332%
33	11.257	1555	1559	1561	rBV	1261261	1190685	24.31%	2.230%
34	11.280	1561	1563	1566	rVV	1697192	1269193	25.91%	2.377%

LSC Area Percent Report

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Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.327	1568	1571	1575	rVB	372841	336339	6.87%	0.630%
36	11.363	1575	1577	1579	rBV2	62576	70035	1.43%	0.131%
37	11.410	1583	1585	1587	rBV3	54415	55838	1.14%	0.105%
38	11.480	1593	1597	1606	rVB3	277844	368407	7.52%	0.690%
39	11.551	1606	1609	1612	rBV2	79097	79641	1.63%	0.149%
40	11.586	1612	1615	1617	rBV	68375	59441	1.21%	0.111%
41	11.633	1619	1623	1627	rBV4	115209	198482	4.05%	0.372%
42	11.710	1633	1636	1639	rBV4	83929	101377	2.07%	0.190%
43	11.757	1640	1644	1646	rVV	295987	314102	6.41%	0.588%
44	11.792	1646	1650	1653	rVV3	1133870	1293248	26.40%	2.423%
45	11.827	1654	1656	1659	rVV2	184559	197105	4.02%	0.369%
46	11.869	1659	1663	1665	rVV	368612	404303	8.25%	0.757%
47	11.892	1665	1667	1669	rVB	158599	125062	2.55%	0.234%
48	11.921	1669	1672	1677	rBV	126660	159217	3.25%	0.298%
49	12.051	1691	1694	1696	rBV	181295	152319	3.11%	0.285%
50	12.074	1696	1698	1703	rVB	297373	246068	5.02%	0.461%
51	12.198	1717	1719	1722	rVB2	68133	62138	1.27%	0.116%
52	12.257	1727	1729	1732	rVB	110072	83373	1.70%	0.156%
53	12.304	1734	1737	1741	rBV	116005	137016	2.80%	0.257%
54	12.345	1741	1744	1749	rVB4	94299	139009	2.84%	0.260%
55	12.392	1749	1752	1761	rVB4	92803	132396	2.70%	0.248%
56	12.469	1761	1765	1768	rBV	1706061	1429481	29.18%	2.678%
57	12.510	1768	1772	1774	rBV5	58826	83063	1.70%	0.156%
58	12.574	1780	1783	1788	rBV	511460	508436	10.38%	0.952%
59	12.698	1798	1804	1807	rBV	1634353	1609127	32.85%	3.014%
60	12.745	1810	1812	1817	rVB2	94032	107588	2.20%	0.202%
61	12.816	1820	1824	1825	rBV2	104315	101084	2.06%	0.189%
62	12.845	1825	1829	1832	rVB	3598933	3162245	64.55%	5.924%
63	12.916	1837	1841	1844	rBV2	118095	151241	3.09%	0.283%
64	12.998	1853	1855	1857	rBV3	72467	79832	1.63%	0.150%
65	13.021	1857	1859	1863	rVB	211257	207971	4.25%	0.390%
66	13.092	1867	1871	1873	rBV2	136643	147426	3.01%	0.276%
67	13.127	1874	1877	1880	rBV	171690	154152	3.15%	0.289%
68	13.216	1889	1892	1895	rBV2	230567	231260	4.72%	0.433%
69	13.251	1895	1898	1901	rVB	105582	103615	2.12%	0.194%
70	13.421	1925	1927	1930	rBV	74521	70830	1.45%	0.133%
71	13.533	1943	1946	1951	rVB	120758	135716	2.77%	0.254%

LSC Area Percent Report

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Instrument : BNA_F
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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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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72	13.639	1961	1964	1967	rBV2	119122	195023	3.98%	0.365%
73	13.668	1967	1969	1971	rVV	143205	134905	2.75%	0.253%
74	13.692	1971	1973	1978	rVV2	186154	230063	4.70%	0.431%
75	13.751	1979	1983	1991	rVB2	386187	565688	11.55%	1.060%
76	13.892	2000	2007	2010	rBV2	1258628	1830647	37.37%	3.429%
77	13.921	2010	2012	2014	rVB	652188	481026	9.82%	0.901%
78	13.998	2023	2025	2027	rVB	104685	73304	1.50%	0.137%
79	14.068	2034	2037	2042	rBV2	135829	154698	3.16%	0.290%
80	14.280	2071	2073	2076	rVB	122867	96798	1.98%	0.181%
81	14.374	2086	2089	2092	rBV2	229951	205437	4.19%	0.385%
82	14.674	2137	2140	2143	rVB	237460	227412	4.64%	0.426%
83	14.915	2177	2181	2188	rVV	627045	1078554	22.02%	2.020%
84	14.998	2192	2195	2197	rVV2	192102	221012	4.51%	0.414%
85	15.021	2197	2199	2203	rVB2	165134	193464	3.95%	0.362%
86	15.204	2227	2230	2236	rVB	387881	485794	9.92%	0.910%
87	15.262	2236	2240	2246	rVV	554174	636455	12.99%	1.192%
88	15.327	2246	2251	2253	rVV	674909	821540	16.77%	1.539%
89	15.357	2253	2256	2263	rVB3	305060	435598	8.89%	0.816%
90	15.774	2323	2327	2332	rBV2	122796	173798	3.55%	0.326%
91	16.709	2481	2486	2494	rVB2	184628	356525	7.28%	0.668%
92	17.133	2553	2558	2564	rVB	142562	269657	5.50%	0.505%

Sum of corrected areas: 53383623

LSC Report - Integrated Chromatogram

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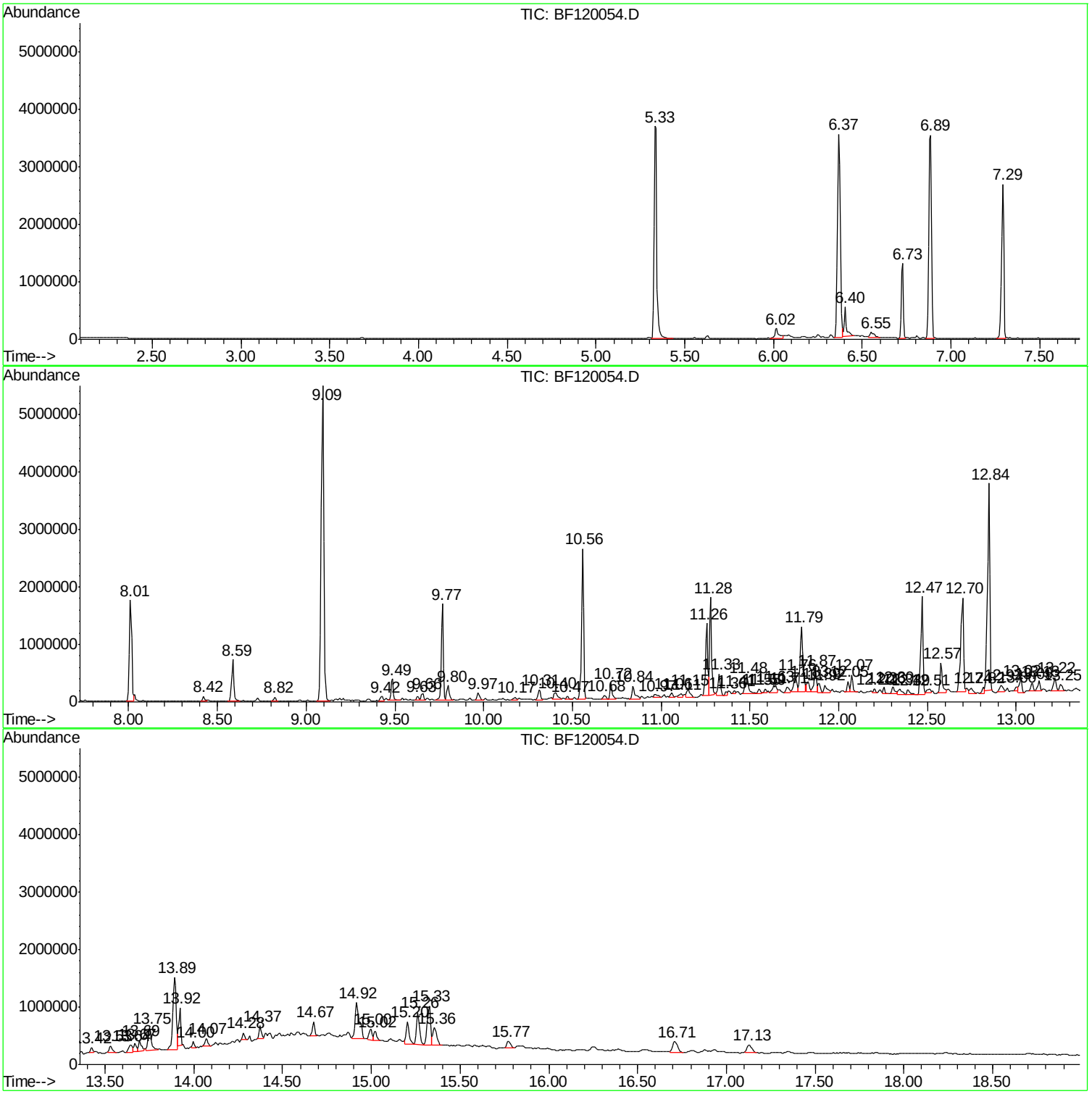
Operator : MA/SJ
Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF041720\
Data File : BF120054.D
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

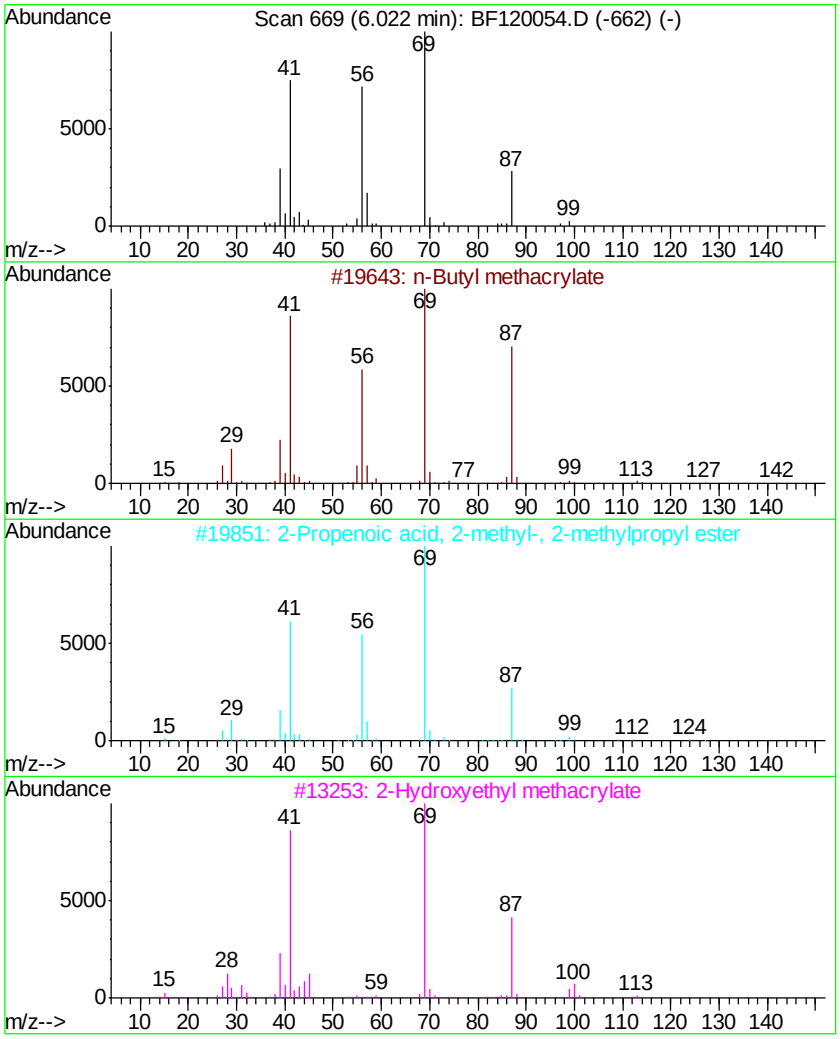
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

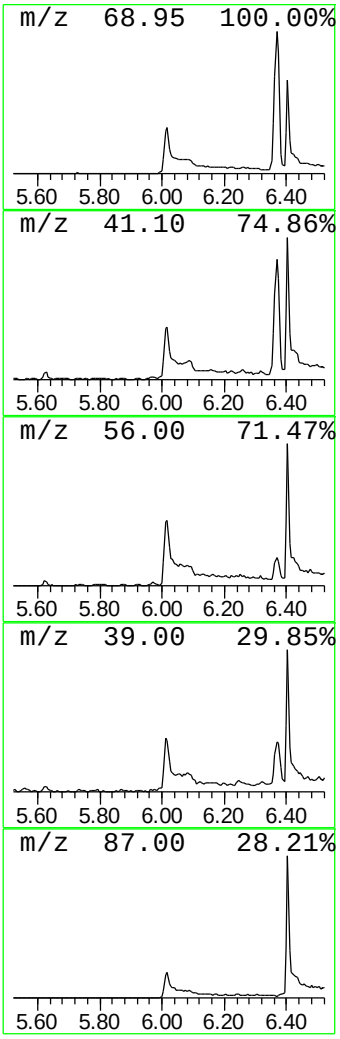
****

Peak Number 1 n-Butyl methacrylate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	5.08 ng	284615	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl methacrylate	142	C8H14O2	000097-88-1	90
2	2-Propenoic acid, 2-methyl-, 2-m...	142	C8H14O2	000097-86-9	83
3	2-Hydroxyethyl methacrylate	130	C6H10O3	000868-77-9	53
4	2-Propenoic acid, 2-methyl-, eth...	112	C6H8O2	004245-37-8	43
5	1-Octyn-4-ol	126	C8H14O	052517-92-7	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120054.D
Acq On : 17 Apr 2020 12:59
Operator : MA/SJ
Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

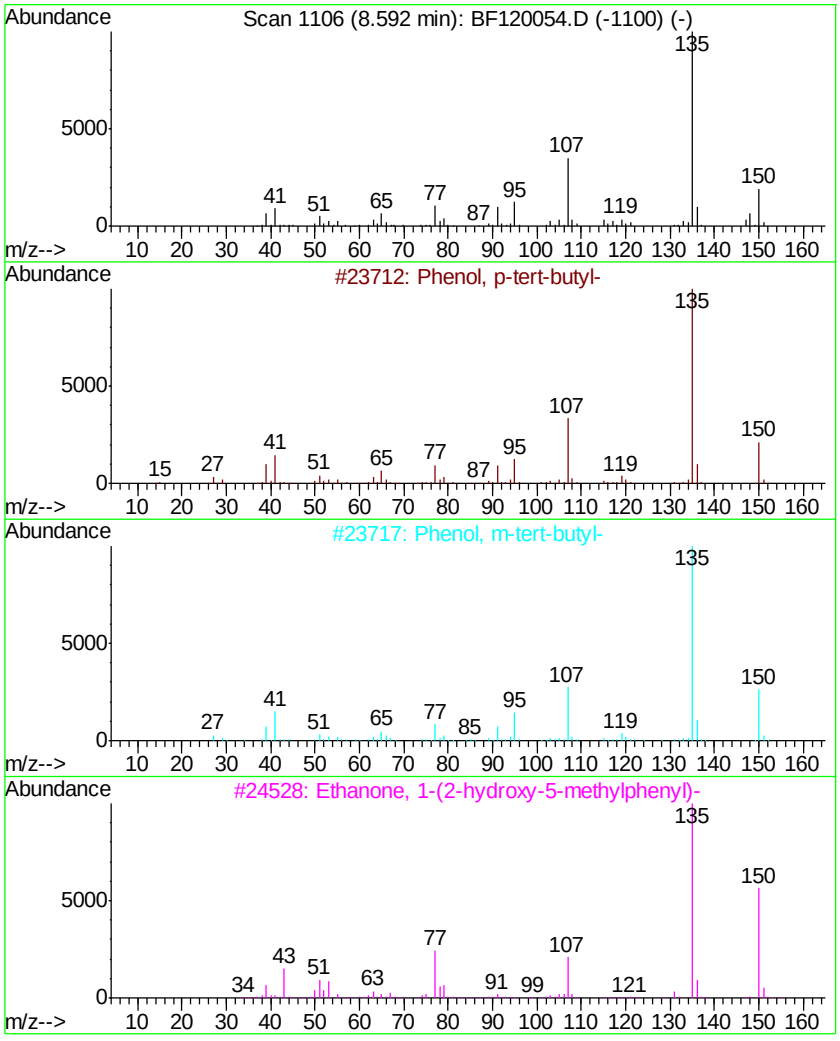
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

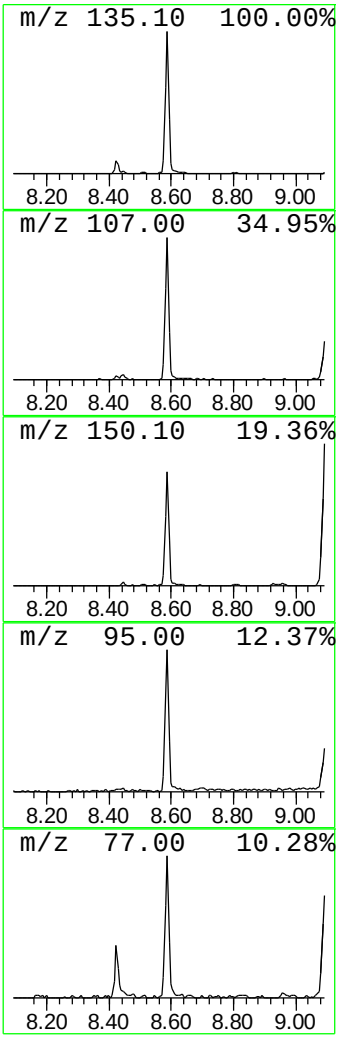
****

Peak Number 3 Phenol, p-tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	8.44 ng	609461	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	64
4	Hexestrol	270	C18H22O2	000084-16-2	59
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52





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TIC Library : C:\DATABASE\NIST11.L
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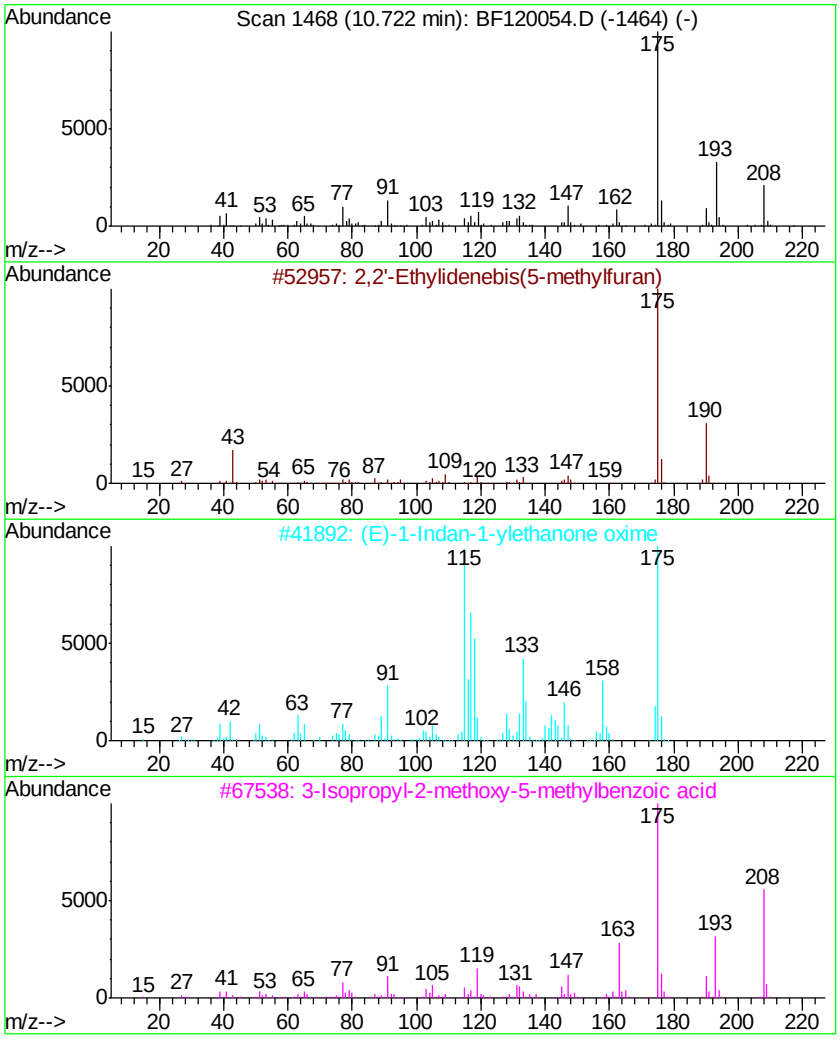
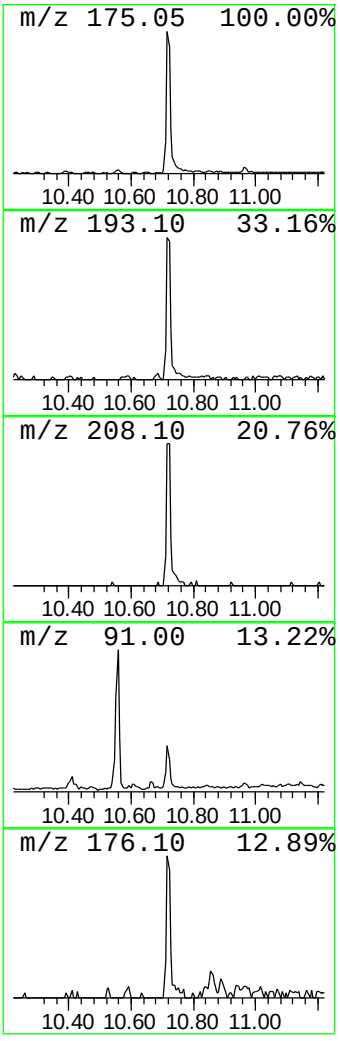
****

Peak Number 4 2,2'-Ethylidenebis(5-methyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	4.21 ng	250843	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	53
2	(E)-1-Indan-1-ylethanone oxime	175	C11H13NO	1000373-31-4	53
3	3-Isopropyl-2-methoxy-5-methylbe...	208	C12H16O3	1000242-60-9	52
4	1H-Indole-2,3-dione, 1-methyl-, ...	175	C9H9N3O	003265-23-4	52
5	2H-1-Benzopyran-2-one, 7-amino-4...	175	C10H9NO2	026093-31-2	50





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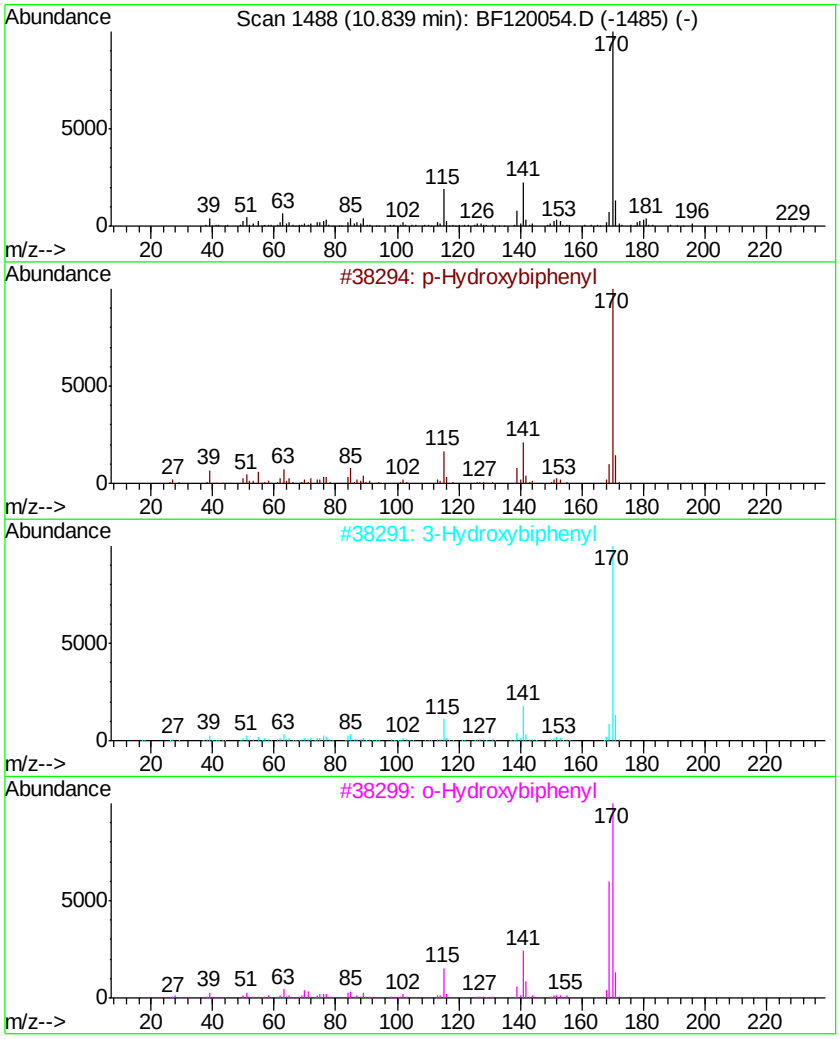
TIC Integration Parameters: LSCINT.P

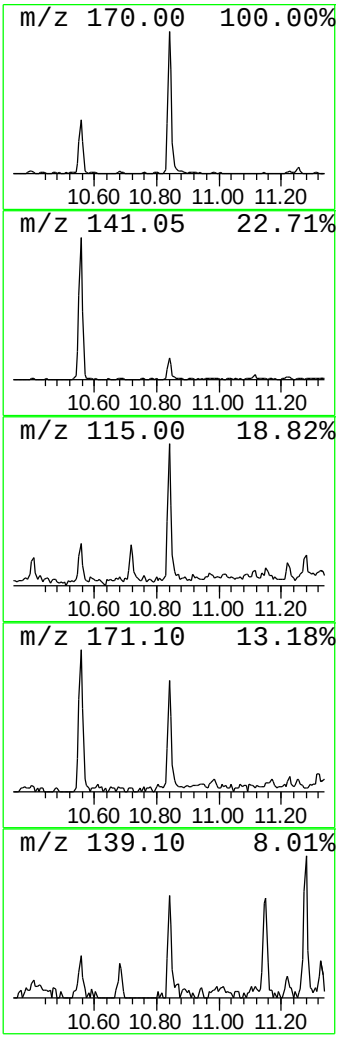
****

Peak Number 5 p-Hydroxybiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	4.50 ng	267928	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	74
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	72
4	4-Benzylpyridazine	170	C11H10N2	053074-22-9	72
5	Carbamic acid, N-[1,1-bis(triflu...	391	C18H15F6NO2	296242-71-2	72





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

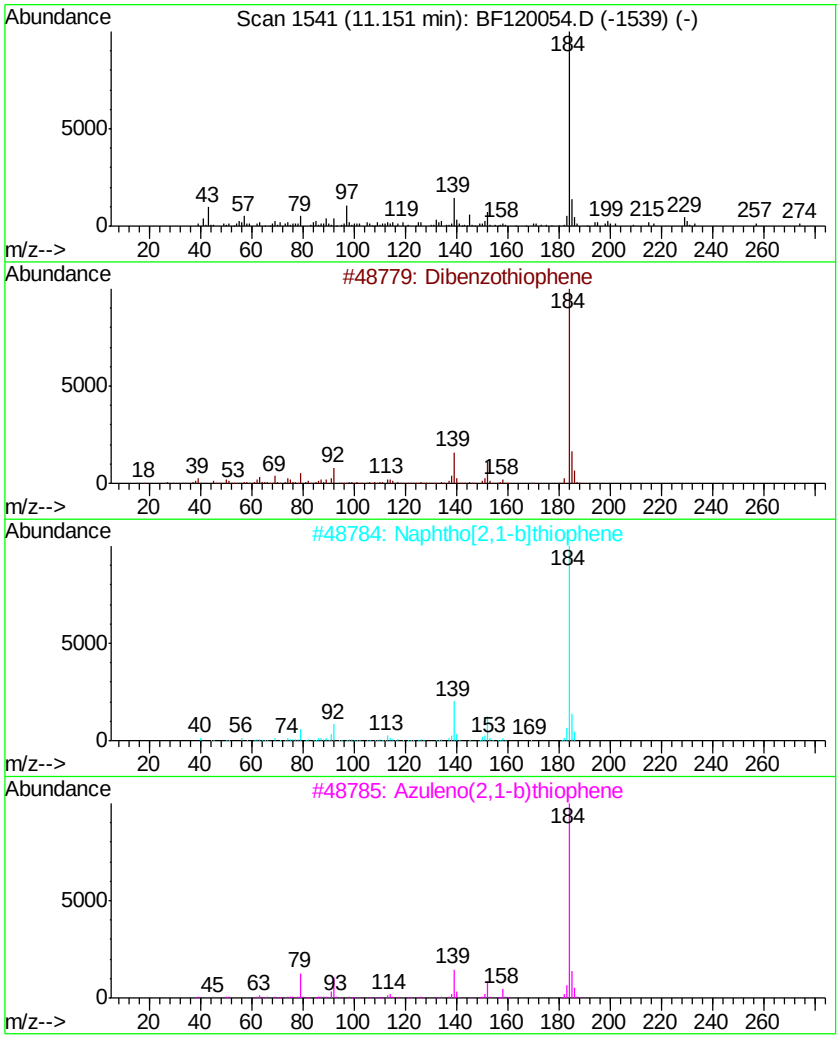
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

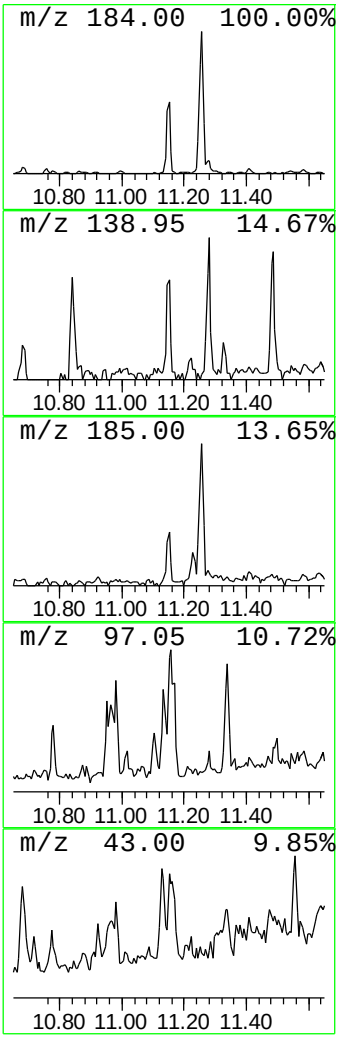
****

Peak Number 6 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.97 ng	177038	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	81
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	81
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	74
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	59
5	1,6-Anhydro-4-morpholino-2-O-tos...	385	C17H23NO7S	203189-12-2	58





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Data File : BF120054.D
Acq On : 17 Apr 2020 12:59
Operator : MA/SJ
Sample : L2245-34
Misc :
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Instrument : BNA_F
ClientSampleId : TP-27

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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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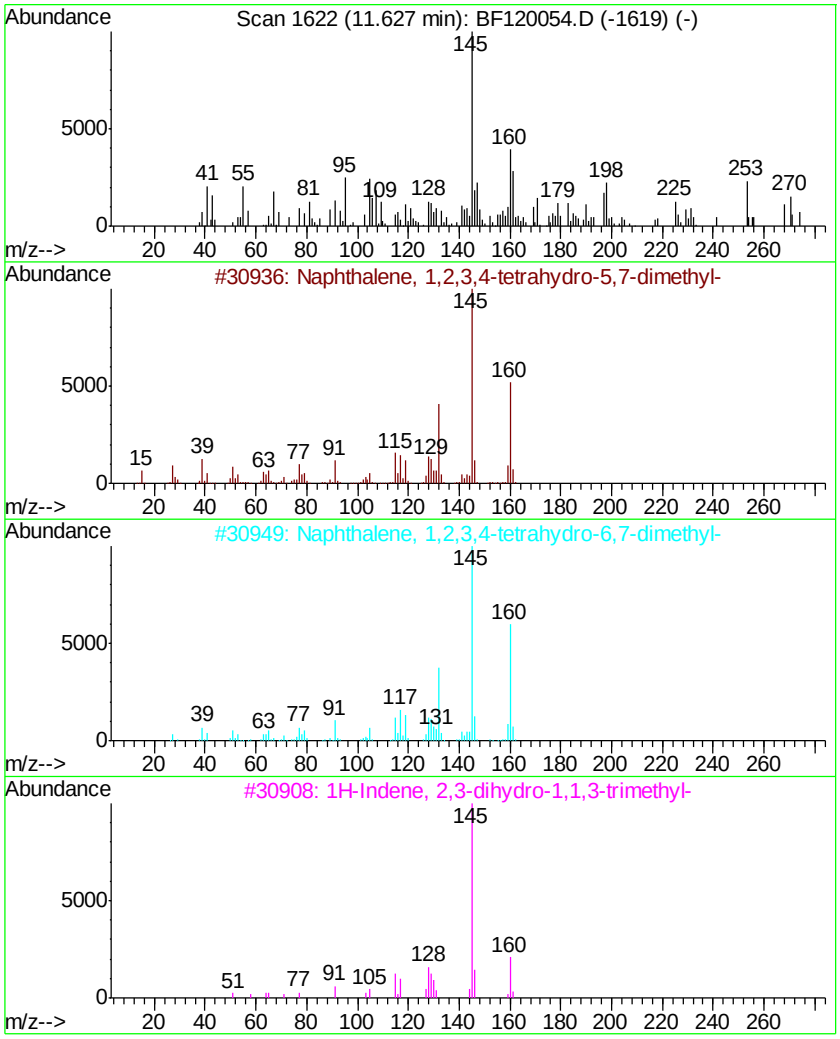
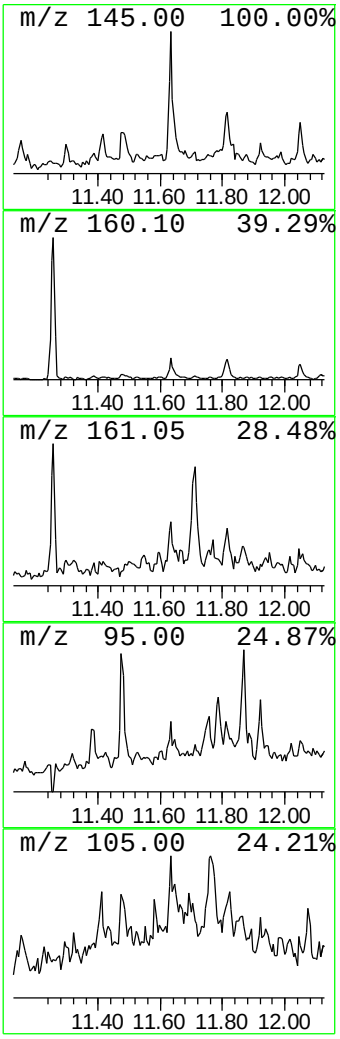
Peak Number 7 unknown11.63 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.33 ng	198482	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	45
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	45
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	43
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	43





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Acq On : 17 Apr 2020 12:59
Operator : MA/SJ
Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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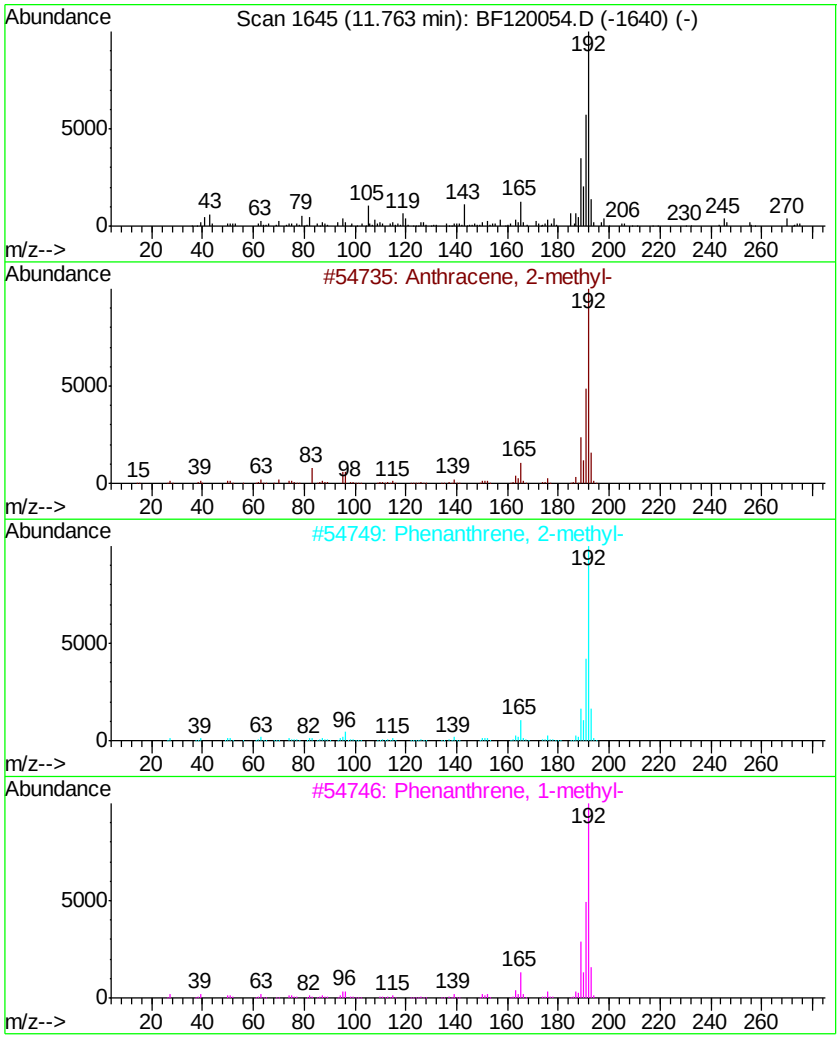
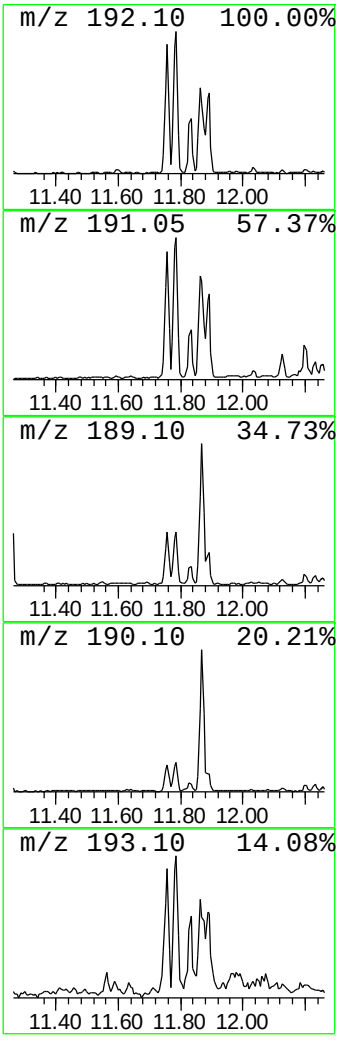
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.28 ng	314102	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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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Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

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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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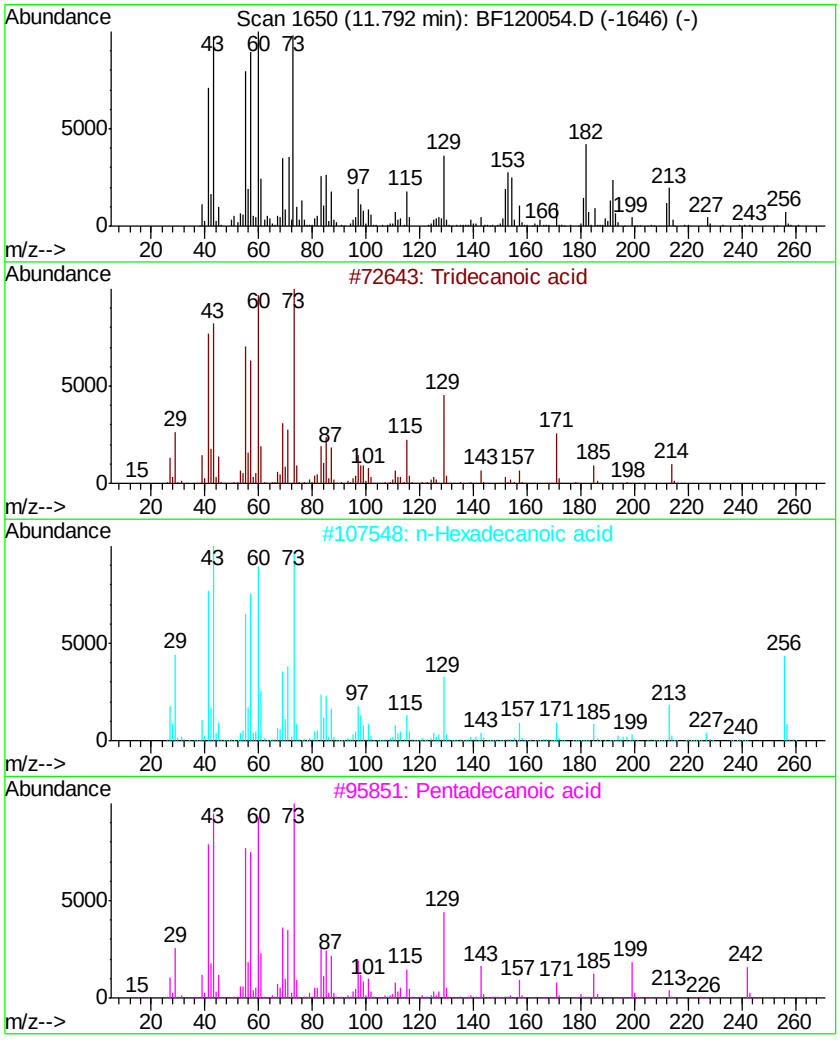
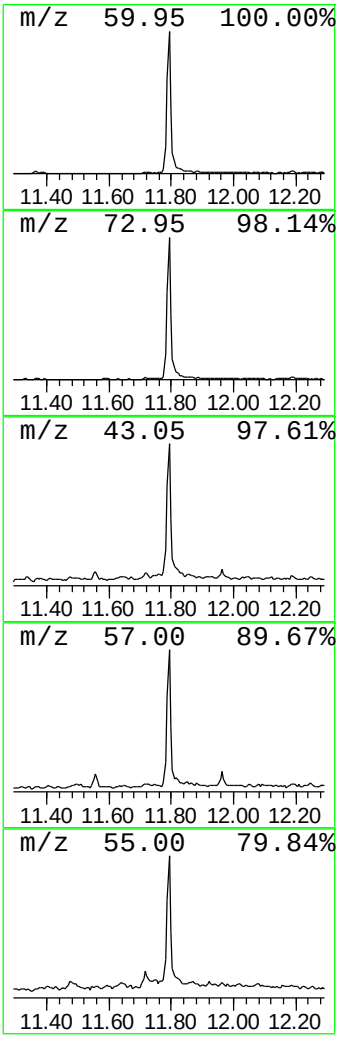
Peak Number 9 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	21.72 ng	1293250	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	66
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	41
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38





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Instrument : BNA_F
ClientSampleId : TP-27

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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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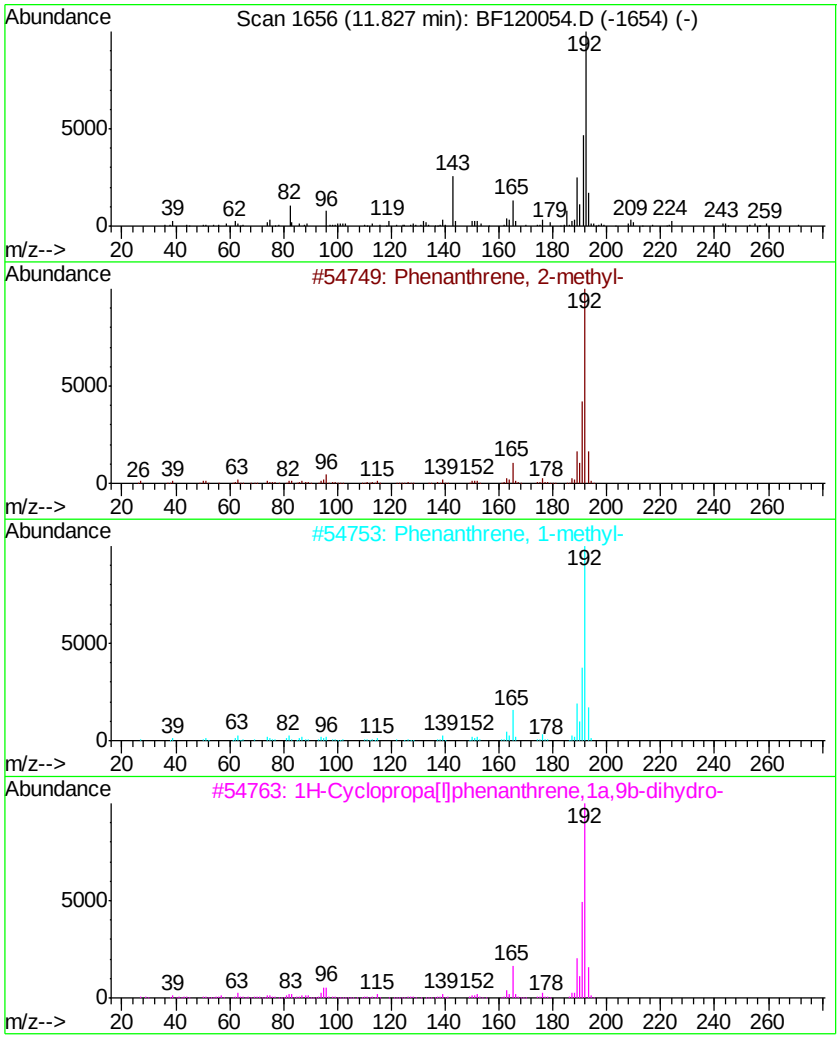
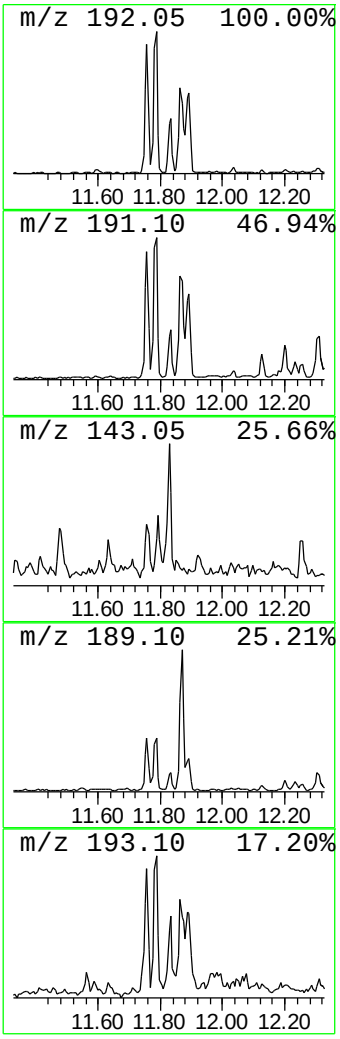
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	3.31 ng	197105	Phenanthrene-d10	11.26

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





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

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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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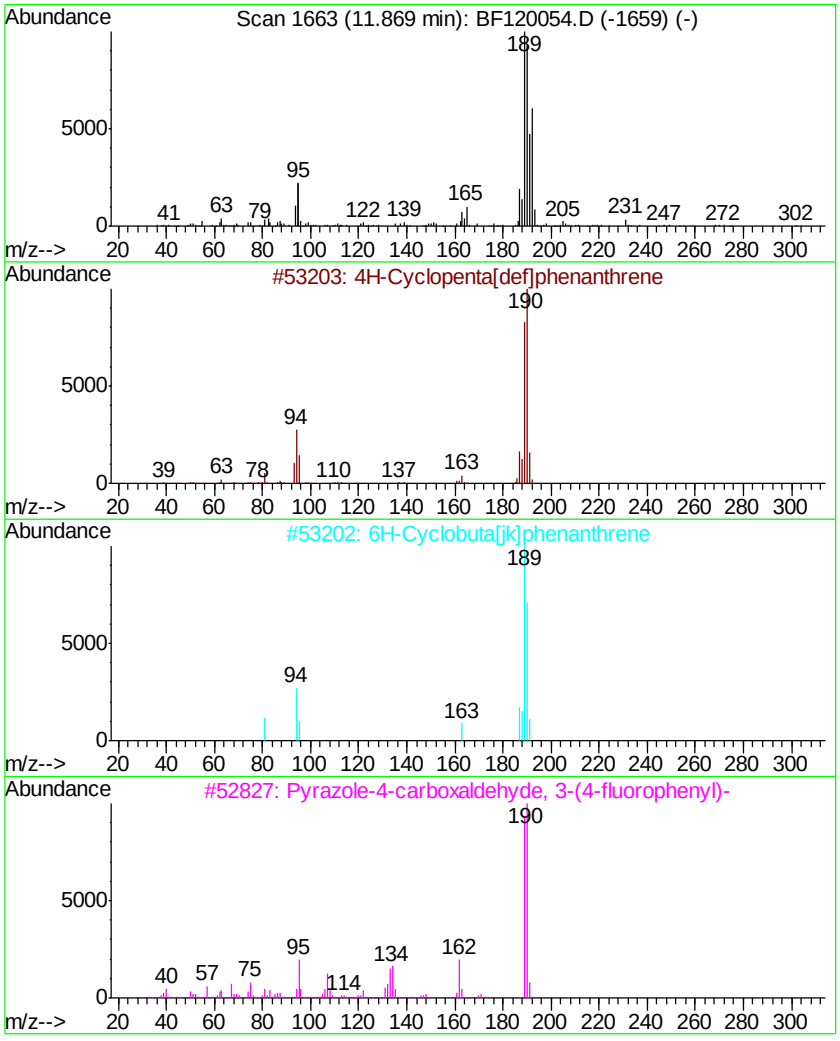
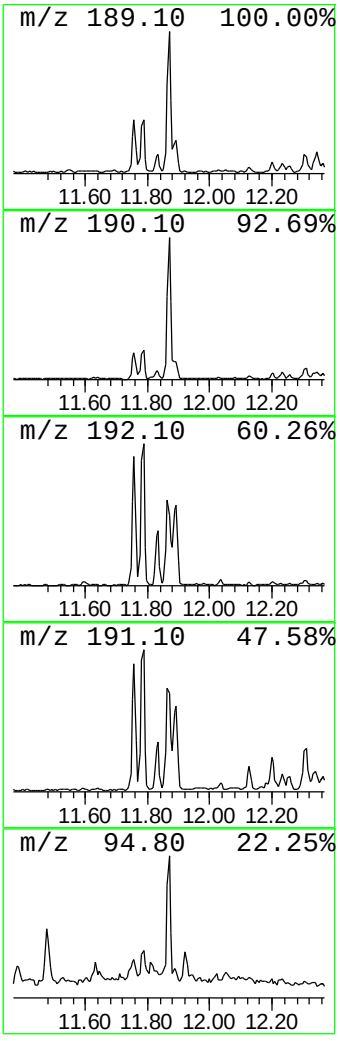
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.79 ng	404303	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	35
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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Misc :
ALS Vial : 9 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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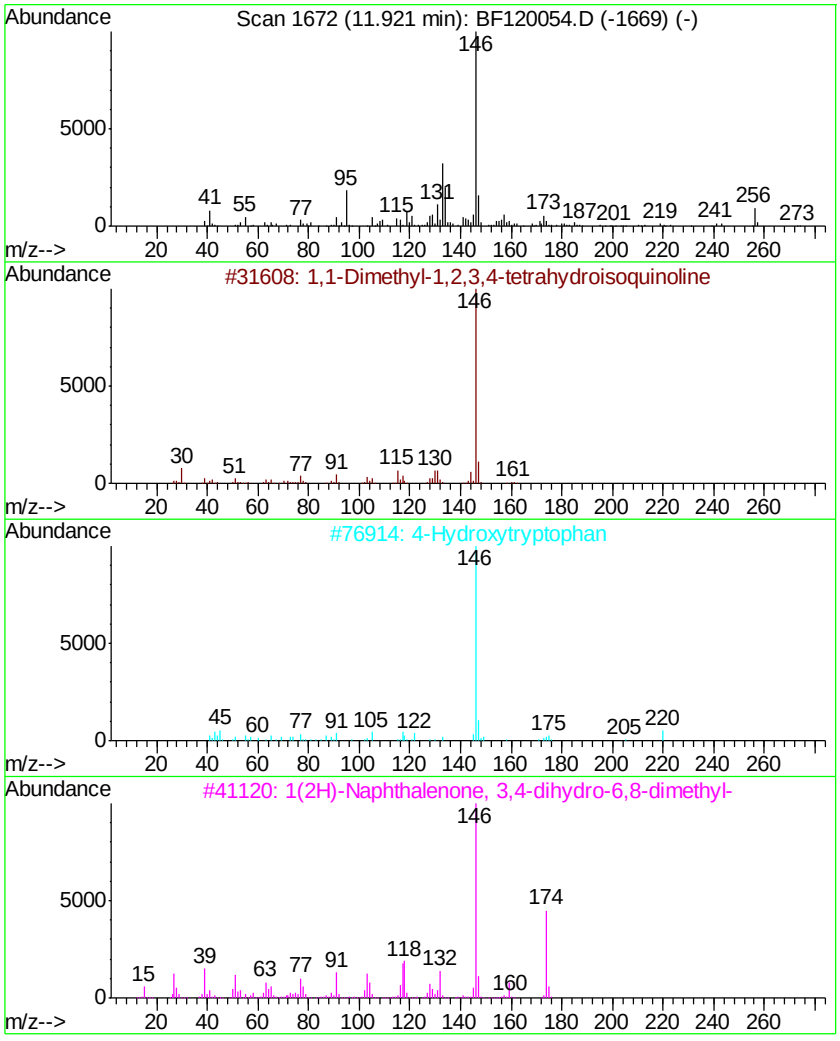
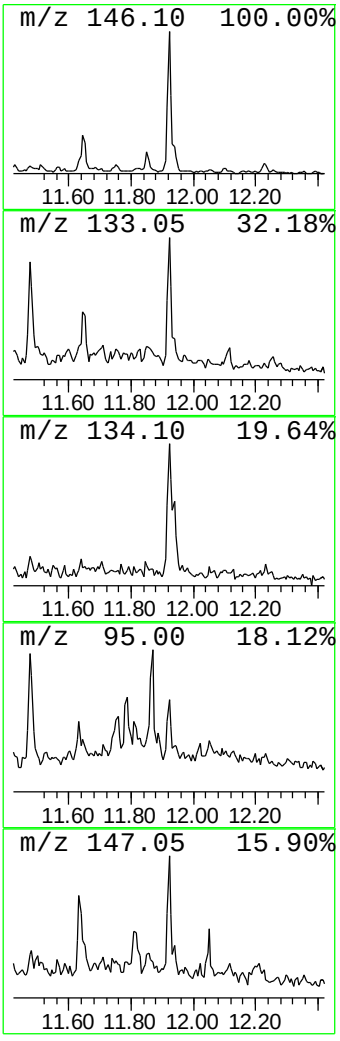
Peak Number 12 unknown11.92 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.67 ng	159217	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-1,2,3,4-tetrahydroi...	161	C11H15N	041565-85-9	43
2	4-Hydroxytryptophan	220	C11H12N2O3	1000131-04-0	43
3	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	030316-30-4	43
4	Oxitriptan	220	C11H12N2O3	004350-09-8	43
5	2-Hydroxy-1,8-naphthyridine	146	C8H6N2O	015936-09-1	38





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Operator : MA/SJ
Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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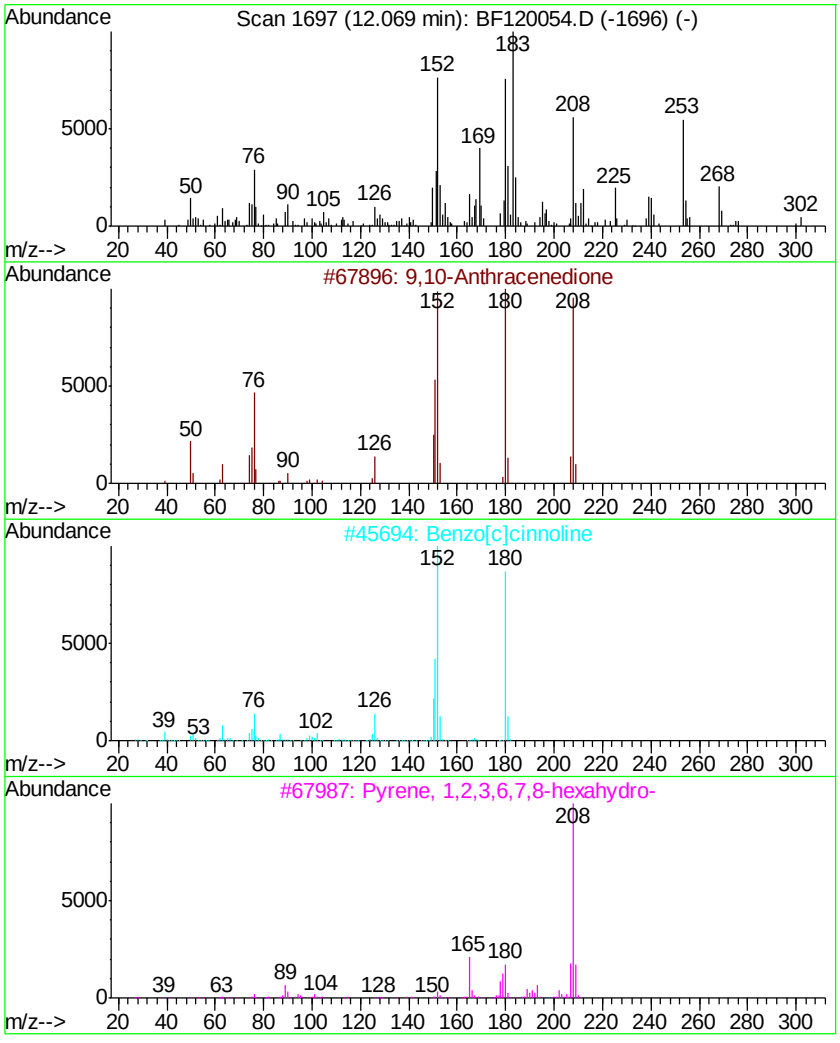
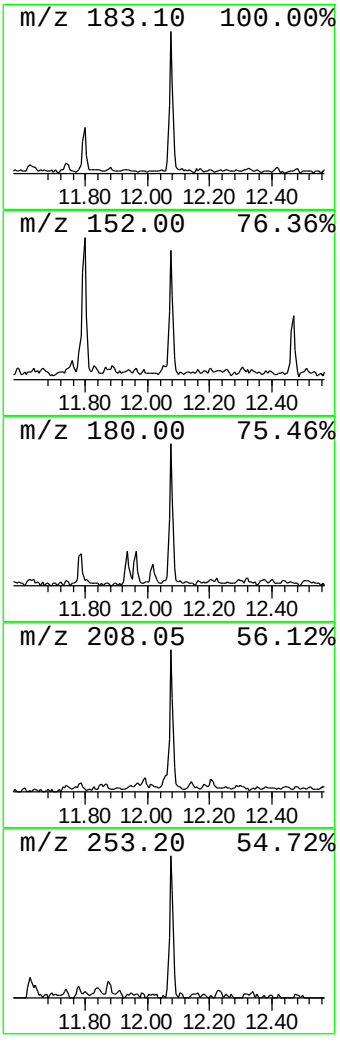
Peak Number 13 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.13 ng	246068	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	35
3	Pyrene, 1,2,3,6,7,8-hexahydro-	208	C16H16	001732-13-4	25
4	1,2-Cyclohexanedicarboxylic acid...	258	C13H22O5	1000340-02-3	25
5	Dibenzo[b,E]-1,4-diazabicyclo[2....	208	C14H12N2	094509-68-9	20





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Sample : L2245-34
Misc :
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Instrument : BNA_F
ClientSampleId : TP-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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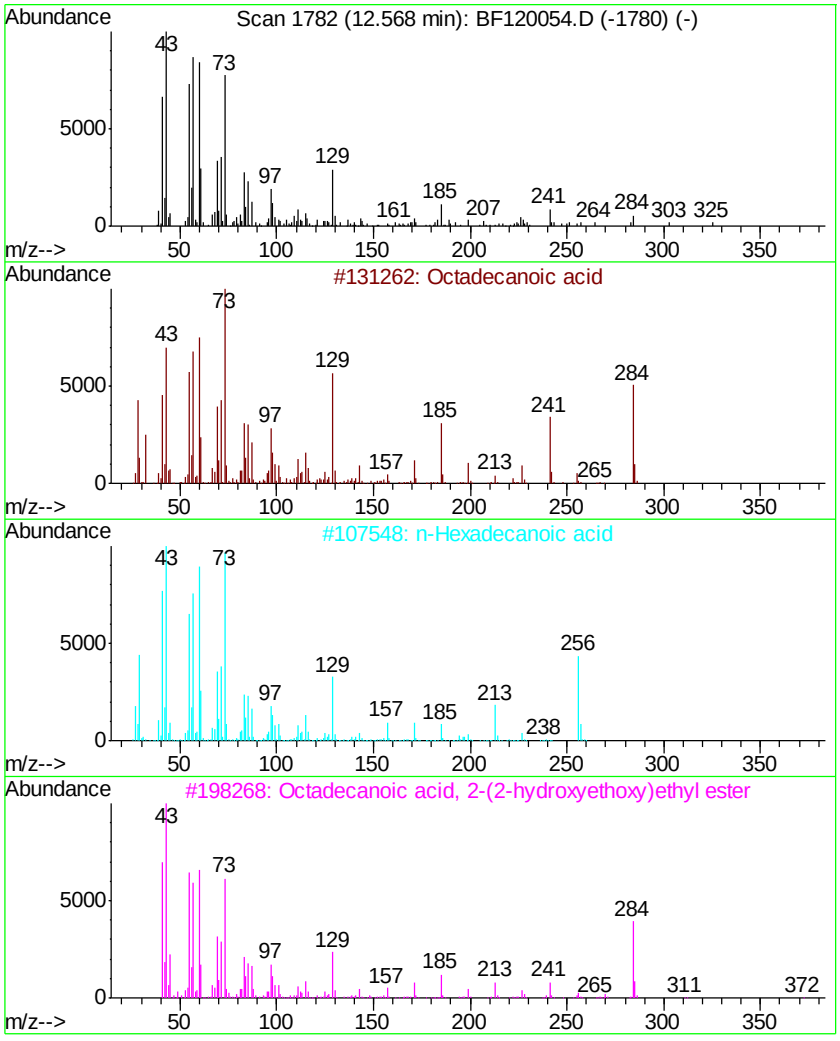
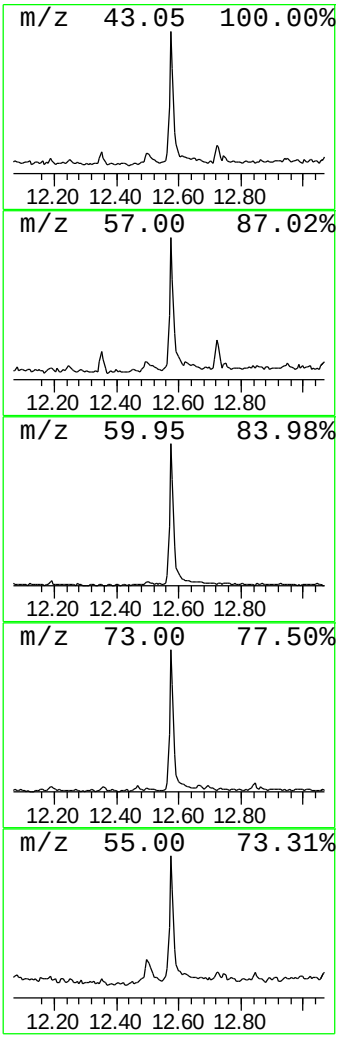
Peak Number 14 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	8.54 ng	508436	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

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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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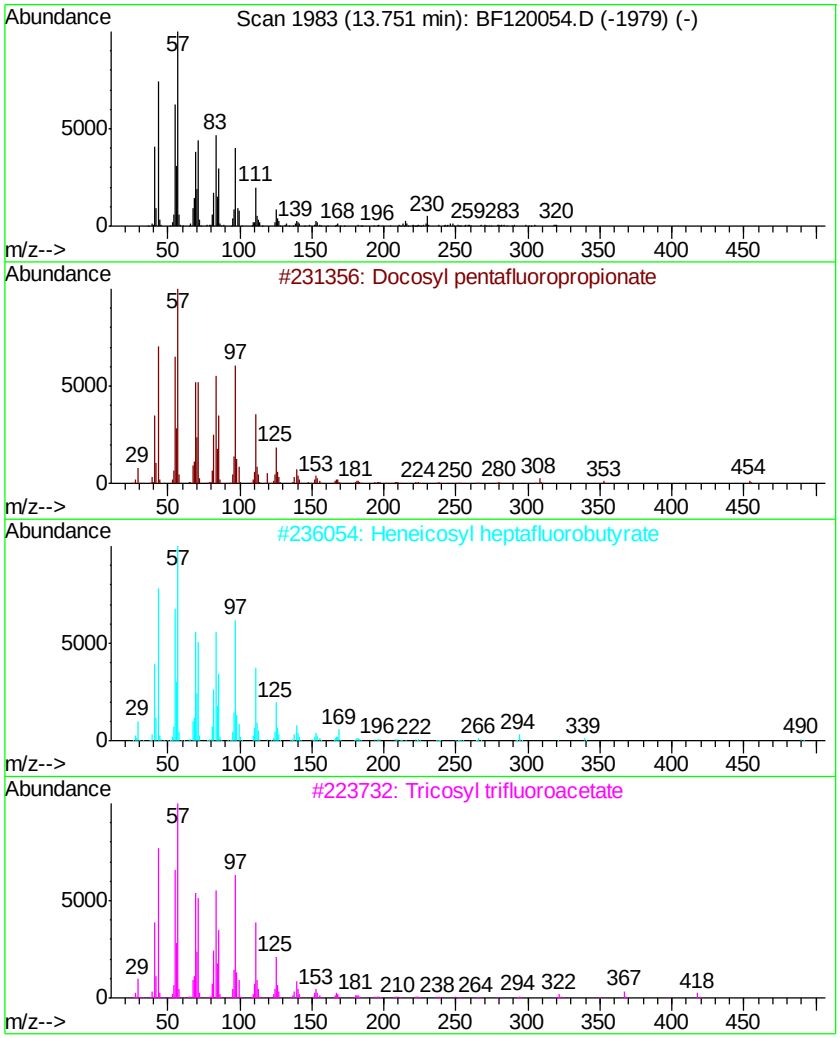
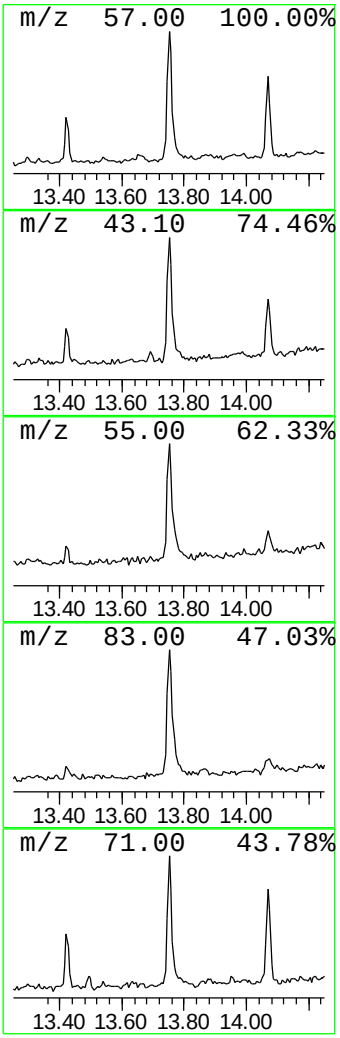
Peak Number 15 Docosyl pentafluoropropionate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	6.18 ng	565688	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





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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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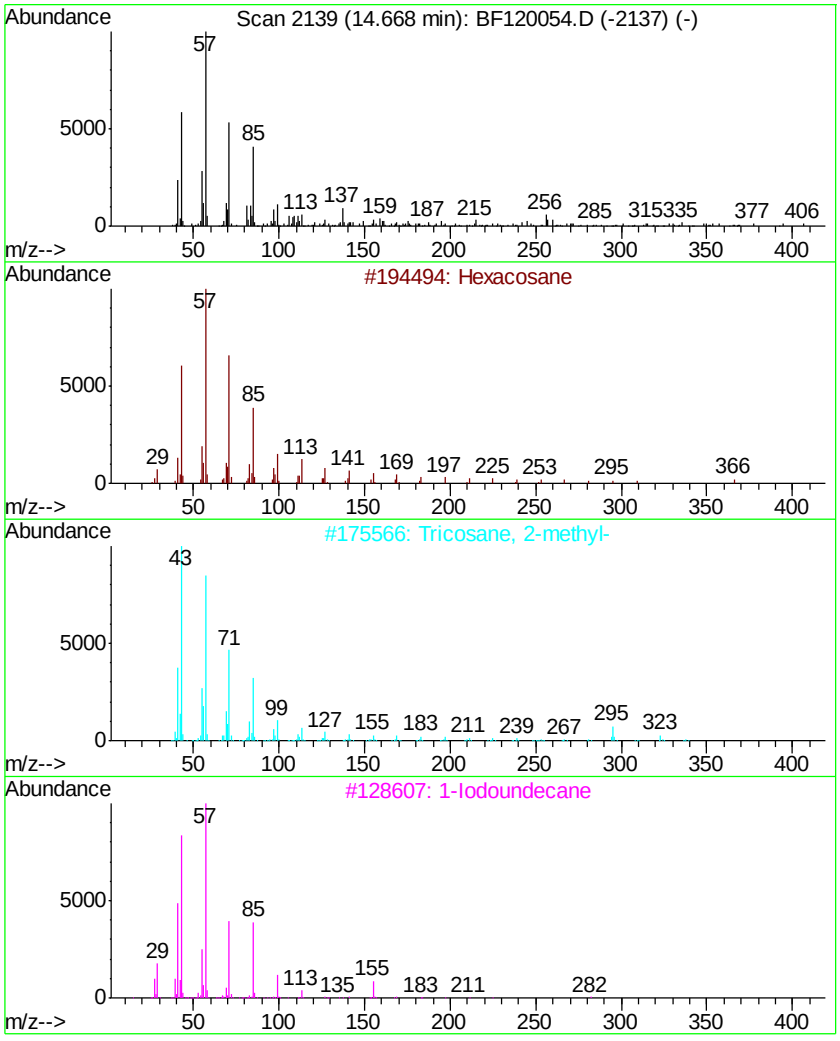
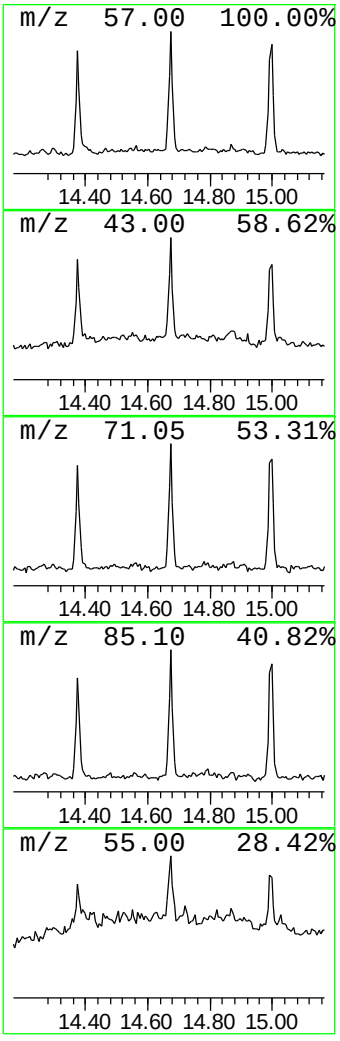
Peak Number 16 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.54 ng	227412	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
3	1-Iodoundecane	282	C11H23I	004282-44-4	87
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
5	Nonadecane	268	C19H40	000629-92-5	83





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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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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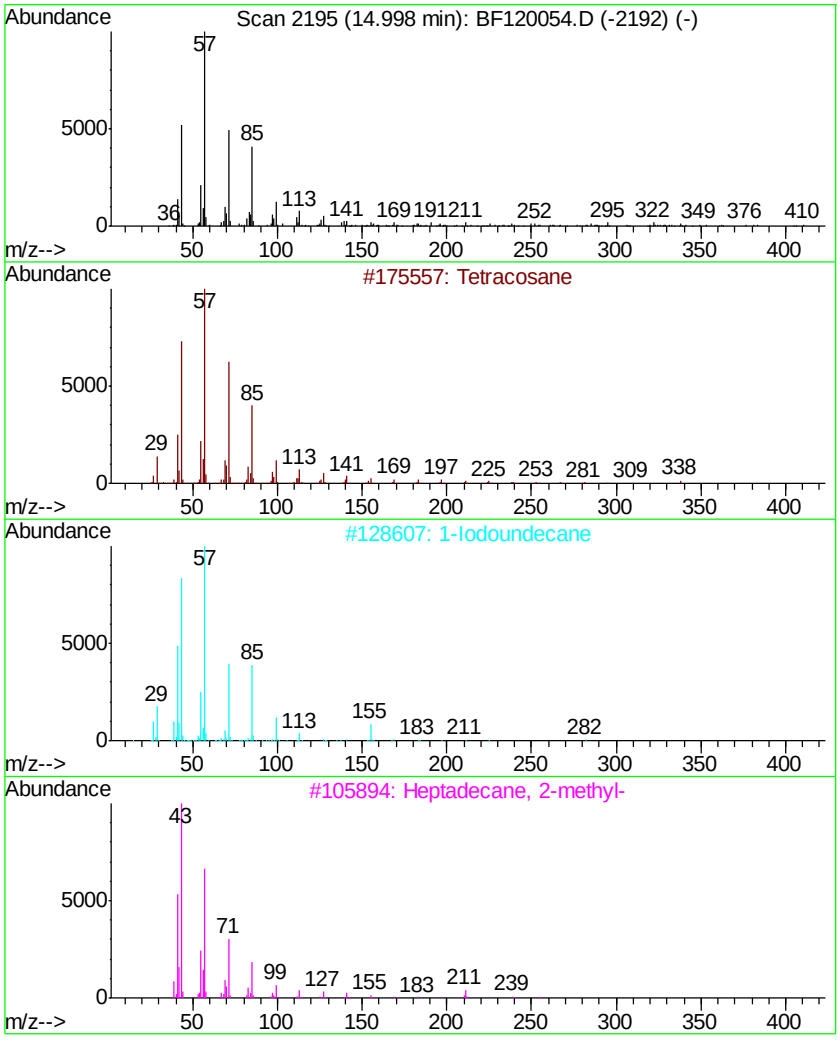
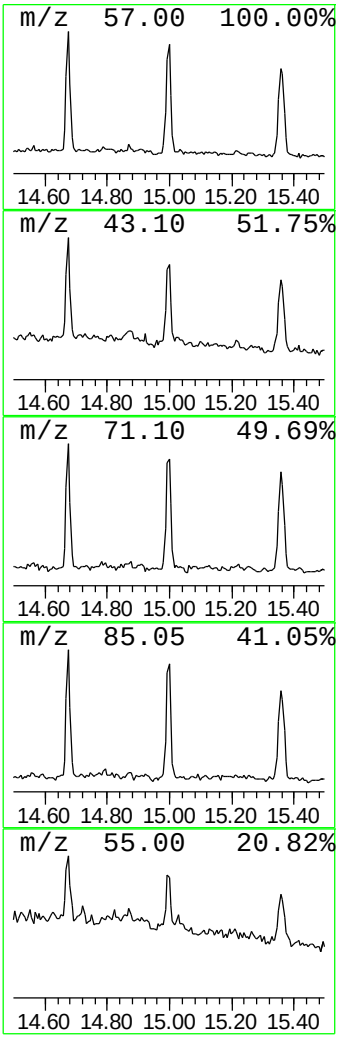
Peak Number 17 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	5.38 ng	221012	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	1-Iodoundecane	282	C11H23I	004282-44-4	93
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexacosane	366	C26H54	000630-01-3	81





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Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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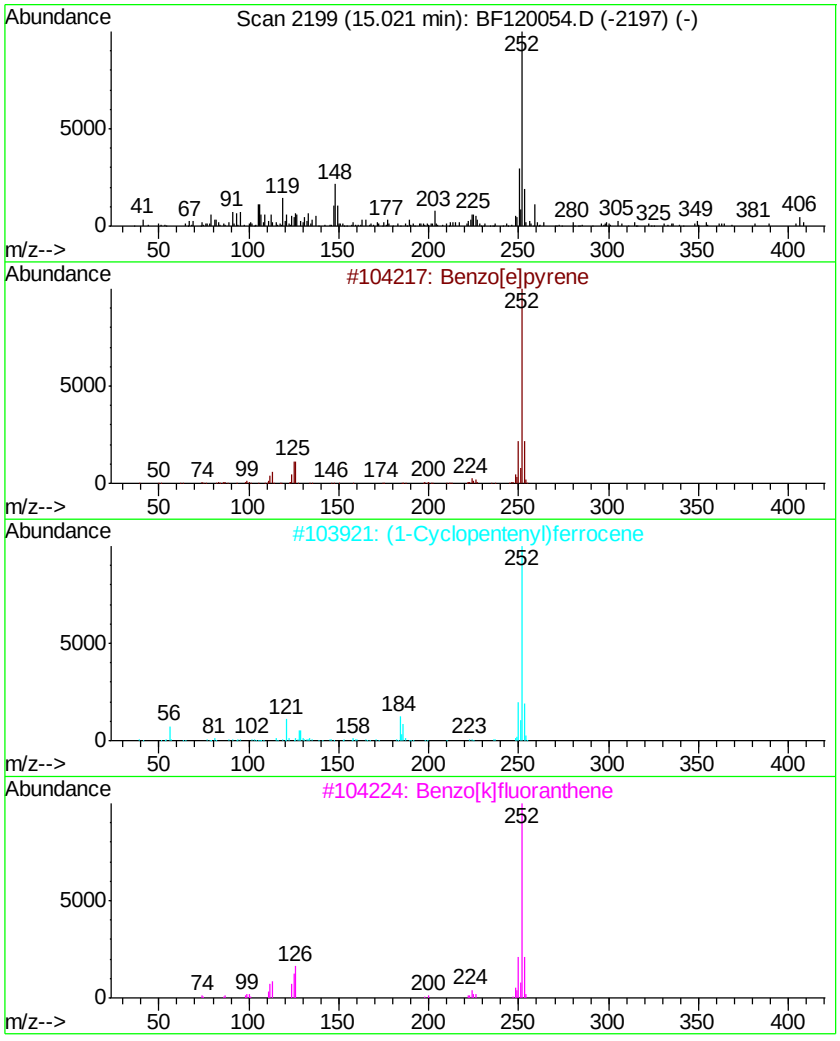
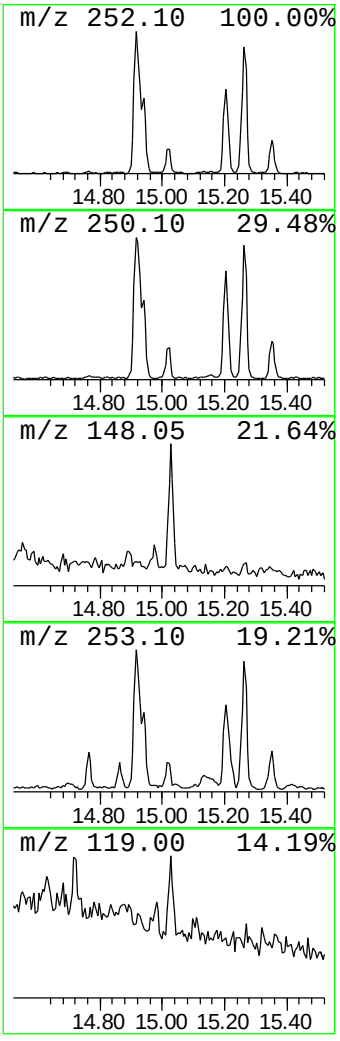
Peak Number 18 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	4.71 ng	193464	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	60
2	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	58
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	53
4	Perylene	252	C20H12	000198-55-0	53
5	4H-1-Benzopyran-4-one, 8-methoxy...	252	C16H12O3	026964-26-1	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120054.D
Acq On : 17 Apr 2020 12:59
Operator : MA/SJ
Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

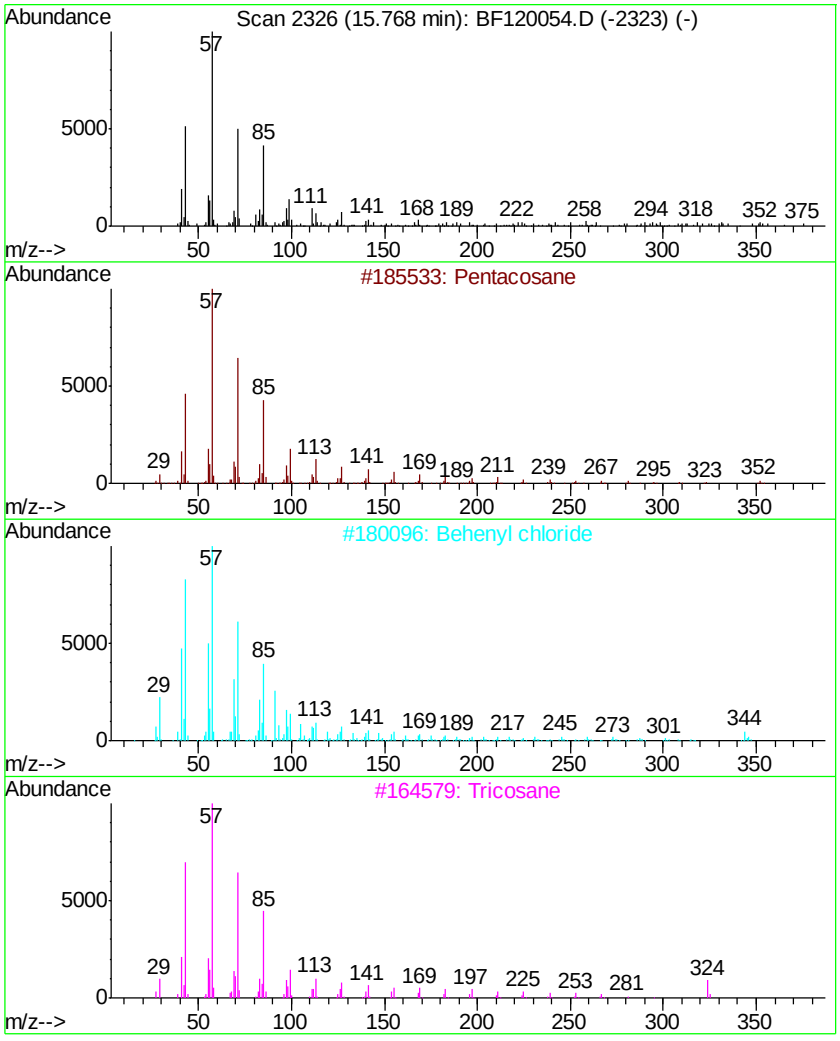
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

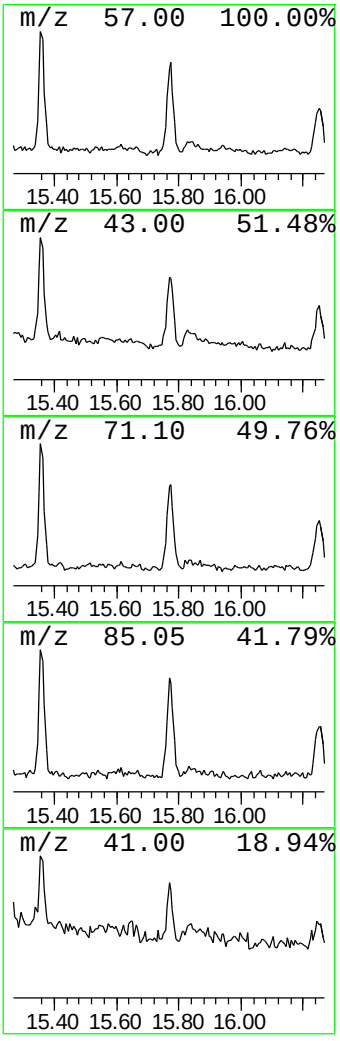
****

Peak Number 20 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	4.23 ng	173798	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Behenyl chloride	344	C22H45Cl	042217-03-8	83
3	Tricosane	324	C23H48	000638-67-5	74
4	Tetracosane	338	C24H50	000646-31-1	72
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
Data File : BF120054.D
Acq On : 17 Apr 2020 12:59
Operator : MA/SJ
Sample : L2245-34
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
n-Butyl methacrylate	6.02	5.1	ng	284615	1	6.73	1120590	20.0
Phenol, p-tert-bu...	8.59	8.4	ng	609461	2	8.01	1443560	20.0
2,2'-Ethylidenebi...	10.72	4.2	ng	250843	4	11.26	1190690	20.0
p-Hydroxybiphenyl	10.84	4.5	ng	267928	4	11.26	1190690	20.0
Dibenzothiophene	11.15	3.0	ng	177038	4	11.26	1190690	20.0
unknown11.63	11.63	3.3	ng	198482	4	11.26	1190690	20.0
Anthracene, 2-met...	11.76	5.3	ng	314102	4	11.26	1190690	20.0
Tridecanoic acid	11.79	21.7	ng	1293250	4	11.26	1190690	20.0
Phenanthrene, 2-m...	11.83	3.3	ng	197105	4	11.26	1190690	20.0
4H-Cyclopenta[def...	11.87	6.8	ng	404303	4	11.26	1190690	20.0
unknown11.92	11.92	2.7	ng	159217	4	11.26	1190690	20.0
9,10-Anthracenedione	12.07	4.1	ng	246068	4	11.26	1190690	20.0
Octadecanoic acid	12.57	8.5	ng	508436	4	11.26	1190690	20.0
Docosyl pentafluo...	13.75	6.2	ng	565688	5	13.90	1830650	20.0
Hexacosane	14.67	5.5	ng	227412	6	15.33	821540	20.0
Tetracosane	15.00	5.4	ng	221012	6	15.33	821540	20.0
Benzo[e]pyrene	15.02	4.7	ng	193464	6	15.33	821540	20.0
Pentacosane	15.77	4.2	ng	173798	6	15.33	821540	20.0