LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120521.D
Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

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-BF052820.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	1.957	9	12	18	rBV	140384	163386	5.47%	0.411%
2	2.081	28	33	39	rVB	741604	887205	29.71%	2.231%
3	5.457	602	607	610	rBV	2540452	2371581	79.43%	5.965%
4	6.475	774	780	783	rBV	2331550	2403510	80.49%	6.045%
5	6.663	809	812	817	rBV2	41505	43077	1.44%	0.108%
6	6.833	837	841	844	rBV	987387	761649	25.51%	1.916%
7	6.992	863	868	871	rBV	2575640	2141692	71.73%	5.386%
8	7.398	931	937	940	rBV	1727405	1624990	54.42%	4.087%
9	8.116	1055	1059	1062	rBV	1205014	947529	31.73%	2.383%
10	9.192	1237	1242	1245	rBV	3505498	2985937	100.00%	7.510%
11	9.527	1296	1299	1302	rBV2	75986	60555	2.03%	0.152%
12	9.580	1305	1308	1312	rVB	338417	291110	9.75%	0.732%
13	9.727	1329	1333	1336	rBV2	42117	44512	1.49%	0.112%
14	9.868	1349	1357	1360	rBV	1135710	1042129	34.90%	2.621%
15	9.904	1360	1363	1371	rVB	86937	77903	2.61%	0.196%
16	10.074	1387	1392	1396	rBV	36327	37539	1.26%	0.094%
17	10.198	1408	1413	1419	rVB2	42892	51219	1.72%	0.129%
18	10.416	1447	1450	1456	rVB	63711	52741	1.77%	0.133%
19	10.657	1487	1491	1495	rBV	1678030	1567968	52.51%	3.944%
20	11.004	1546	1550	1556	rBV5	40185	70479	2.36%	0.177%
21	11.157	1574	1576	1580	rVB2	38235	38973	1.31%	0.098%
22	11.215	1580	1586	1590	rBV6	28937	53161	1.78%	0.134%
23	11.251	1590	1592	1598	rVB	37917	33367	1.12%	0.084%
24	11.304	1598	1601	1604	rBV2	41118	37298	1.25%	0.094%
25	11.357	1604	1610	1612	rBV	1046550	890947	29.84%	2.241%
26	11.380	1612	1614	1617	rVV	763204	549132	18.39%	1.381%
27	11.427	1620	1622	1626	rVB	147744	130656	4.38%	0.329%
28	11.586	1643	1649	1651	rBV3	71588	107797	3.61%	0.271%
29	11.651	1658	1660	1664	rBV2	29665	39586	1.33%	0.100%
30	11.815	1684	1688	1690	rBV2	34017	41225	1.38%	0.104%
31	11.857	1690	1695	1697	rVV2	162386	183894	6.16%	0.463%
32	11.886	1697	1700	1704	rVV	394027	346294	11.60%	0.871%
33	11.933	1704	1708	1710	rVV2	67166	75383	2.52%	0.190%
34	11.968	1710	1714	1717	rVV	215602	241451	8.09%	0.607%

LSC Area Percent Report

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Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.992	1717	1718	1721	rVB	90968	48656	1.63%	0.122%
36	12.151	1740	1745	1747	rBV	85495	85035	2.85%	0.214%
37	12.174	1747	1749	1753	rVB2	94696	80393	2.69%	0.202%
38	12.409	1785	1789	1792	rBV	93626	101318	3.39%	0.255%
39	12.445	1792	1795	1797	rVV	62986	67984	2.28%	0.171%
40	12.486	1800	1802	1808	rVB3	105076	136259	4.56%	0.343%
41	12.551	1808	1813	1814	rBV	504417	425245	14.24%	1.070%
42	12.568	1814	1816	1820	rVB	1266479	1114928	37.34%	2.804%
43	12.698	1834	1838	1840	rBV2	29829	41270	1.38%	0.104%
44	12.798	1849	1855	1861	rBV	1133465	1267476	42.45%	3.188%
45	12.845	1861	1863	1868	rVB2	55351	64586	2.16%	0.162%
46	12.915	1871	1875	1876	rBV	76080	68634	2.30%	0.173%
47	12.945	1876	1880	1883	rVV	2713739	2405836	80.57%	6.051%
48	13.015	1886	1892	1896	rBV2	103112	176574	5.91%	0.444%
49	13.104	1900	1907	1908	rBV5	82499	120434	4.03%	0.303%
50	13.127	1908	1911	1914	rVB	215117	191998	6.43%	0.483%
51	13.162	1914	1917	1920	rBV3	68425	111926	3.75%	0.282%
52	13.192	1920	1922	1925	rVV	150517	128575	4.31%	0.323%
53	13.227	1925	1928	1931	rVV2	140068	168422	5.64%	0.424%
54	13.256	1931	1933	1936	rVV	61986	59890	2.01%	0.151%
55	13.286	1936	1938	1942	rVV3	42248	45276	1.52%	0.114%
56	13.321	1942	1944	1947	rVV	83670	67750	2.27%	0.170%
57	13.351	1947	1949	1953	rVV	81959	76717	2.57%	0.193%
58	13.392	1953	1956	1959	rVV4	56391	57287	1.92%	0.144%
59	13.515	1972	1977	1981	rBV7	64337	128710	4.31%	0.324%
60	13.633	1990	1997	2002	rBV	135348	185288	6.21%	0.466%
61	13.745	2011	2016	2019	rBV2	123442	178961	5.99%	0.450%
62	13.774	2019	2021	2023	rVV	132479	116907	3.92%	0.294%
63	13.798	2023	2025	2029	rVV2	110912	156114	5.23%	0.393%
64	13.845	2029	2033	2040	rVB3	382322	499739	16.74%	1.257%
65	13.992	2051	2058	2061	rBV2	1086534	1625273	54.43%	4.088%
66	14.021	2061	2063	2069	rVB	634972	596494	19.98%	1.500%
67	14.104	2074	2077	2081	rVV	121999	125500	4.20%	0.316%
68	14.162	2084	2087	2089	rVV2	87862	107091	3.59%	0.269%
69	14.221	2093	2097	2100	rVB2	53902	80593	2.70%	0.203%
70	14.286	2105	2108	2110	rVB3	40111	39264	1.31%	0.099%
71	14.345	2116	2118	2120	rBV	41133	39538	1.32%	0.099%

LSC Area Percent Report

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Operator : JU/CG
Sample : L2839-10
Misc :
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Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

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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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.380	2121	2124	2127	rVV	146857	151168	5.06%	0.380%
73	14.415	2128	2130	2134	rVB	86146	74708	2.50%	0.188%
74	14.468	2134	2139	2144	rBV4	231434	432221	14.48%	1.087%
75	14.527	2147	2149	2153	rVB2	83734	76562	2.56%	0.193%
76	14.686	2173	2176	2179	rBV2	50597	65441	2.19%	0.165%
77	14.768	2187	2190	2193	rBV	121571	119015	3.99%	0.299%
78	14.915	2211	2215	2222	rVB2	288537	319634	10.70%	0.804%
79	15.033	2230	2235	2238	rBV	492484	785695	26.31%	1.976%
80	15.109	2244	2248	2250	rBV	412140	439635	14.72%	1.106%
81	15.139	2250	2253	2264	rVB	424337	704376	23.59%	1.772%
82	15.327	2282	2285	2291	rVB	284903	363452	12.17%	0.914%
83	15.392	2292	2296	2302	rVB	412478	466613	15.63%	1.174%
84	15.456	2302	2307	2309	rBV	483499	618769	20.72%	1.556%
85	15.480	2309	2311	2318	rVB2	194999	254869	8.54%	0.641%
86	15.686	2341	2346	2350	rVB2	219480	299181	10.02%	0.752%
87	15.915	2380	2385	2391	rVB	629789	943603	31.60%	2.373%
88	15.986	2392	2397	2409	rVB5	159410	396648	13.28%	0.998%
89	16.709	2514	2520	2532	rBV5	121520	285842	9.57%	0.719%
90	16.897	2547	2552	2558	rBV2	173770	378517	12.68%	0.952%
91	17.086	2577	2584	2589	rBV3	290694	719441	24.09%	1.809%
92	17.339	2622	2627	2635	rVB	118077	232756	7.80%	0.585%
93	17.509	2650	2656	2664	rBV6	93066	244558	8.19%	0.615%

Sum of corrected areas: 39760520

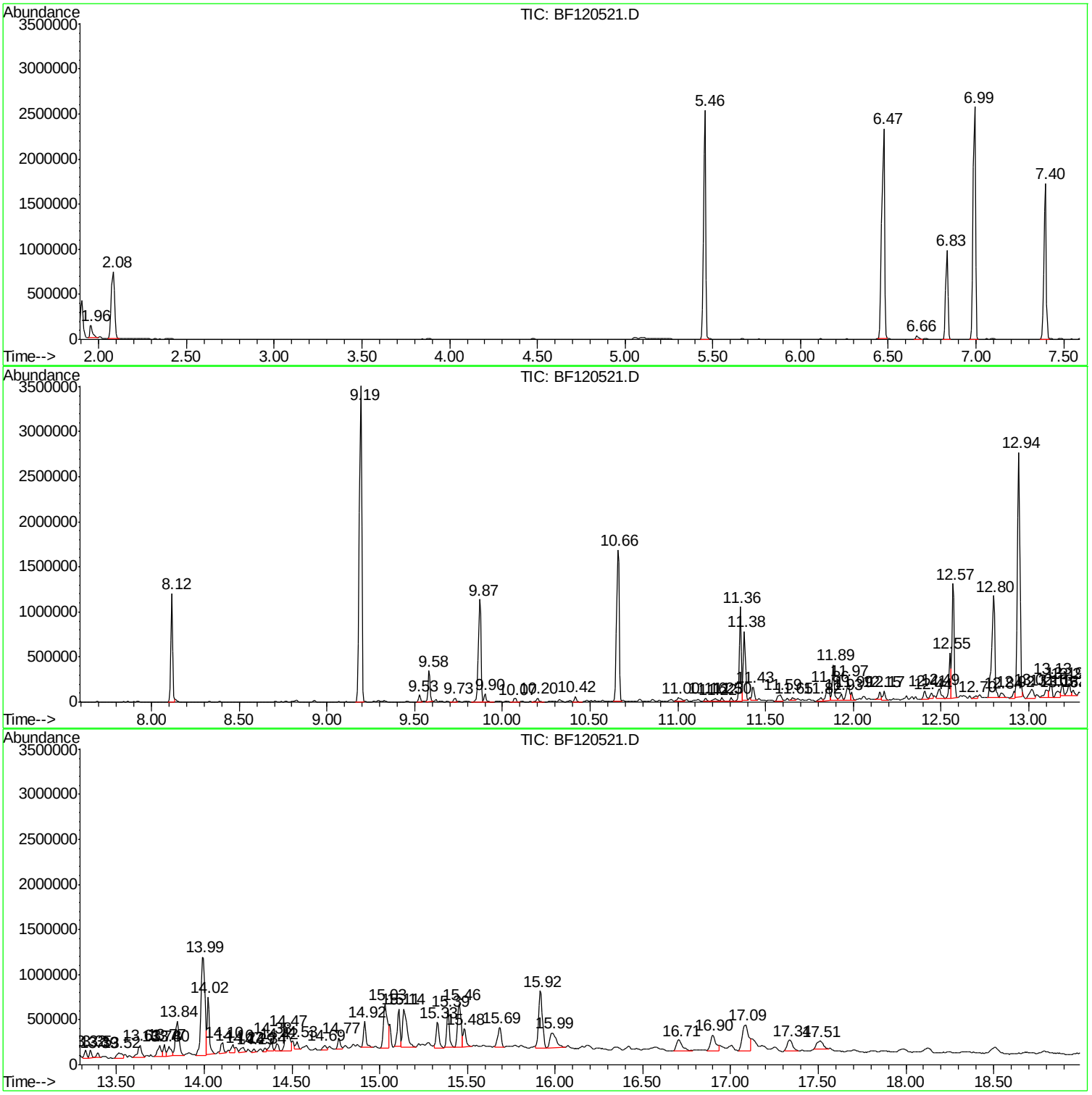
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120521.D
Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120521.D
Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

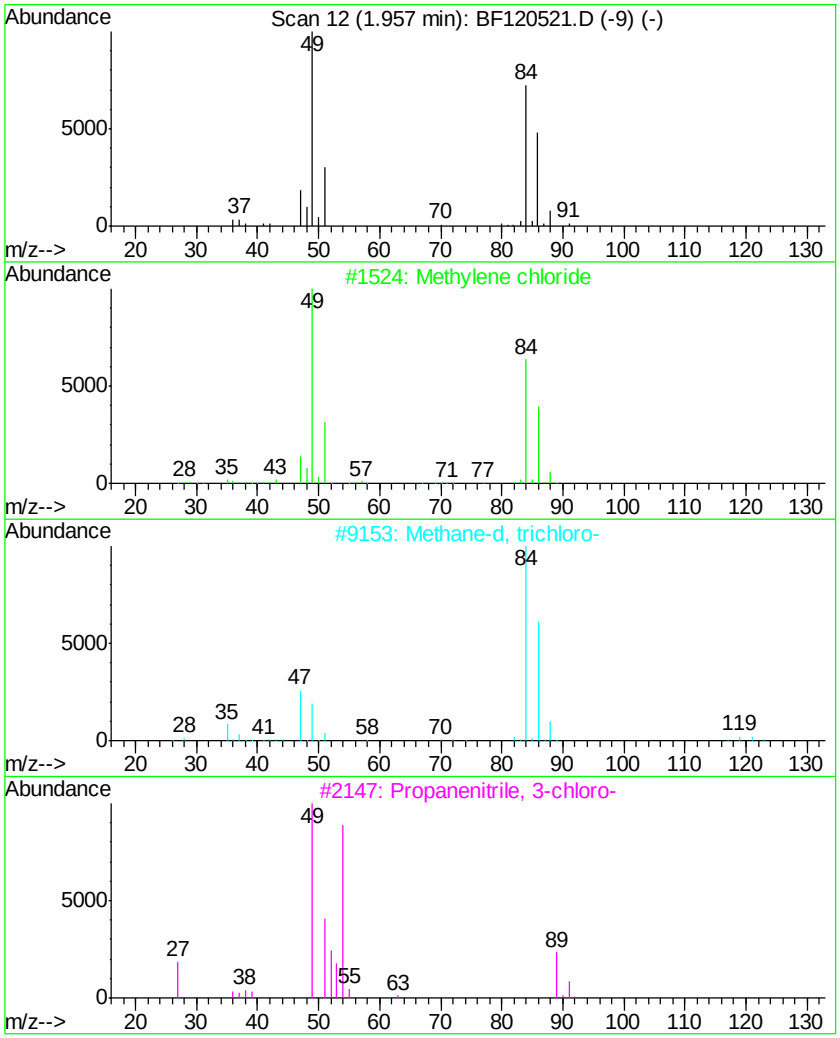
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

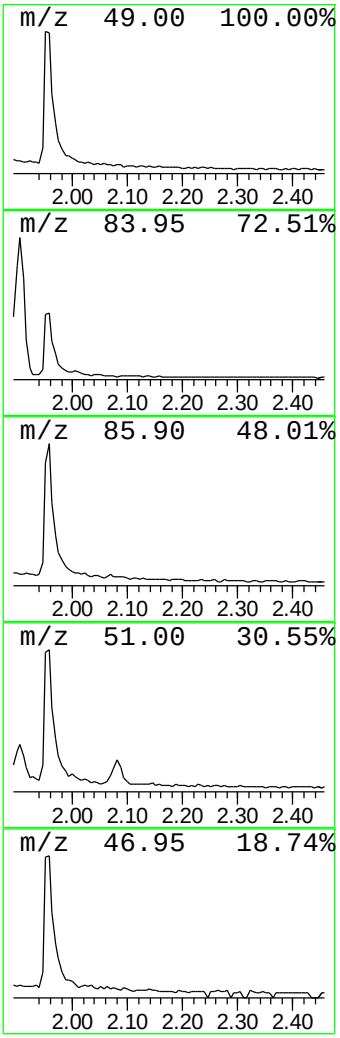
****

Peak Number 1 Methylene chloride Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	4.29 ng	163386	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene chloride	84	CH2Cl2	000075-09-2	94
2	Methane-d, trichloro-	119	CDCl3	000865-49-6	10
3	Propanenitrile, 3-chloro-	89	C3H4ClN	000542-76-7	9
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
5	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120521.D
Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

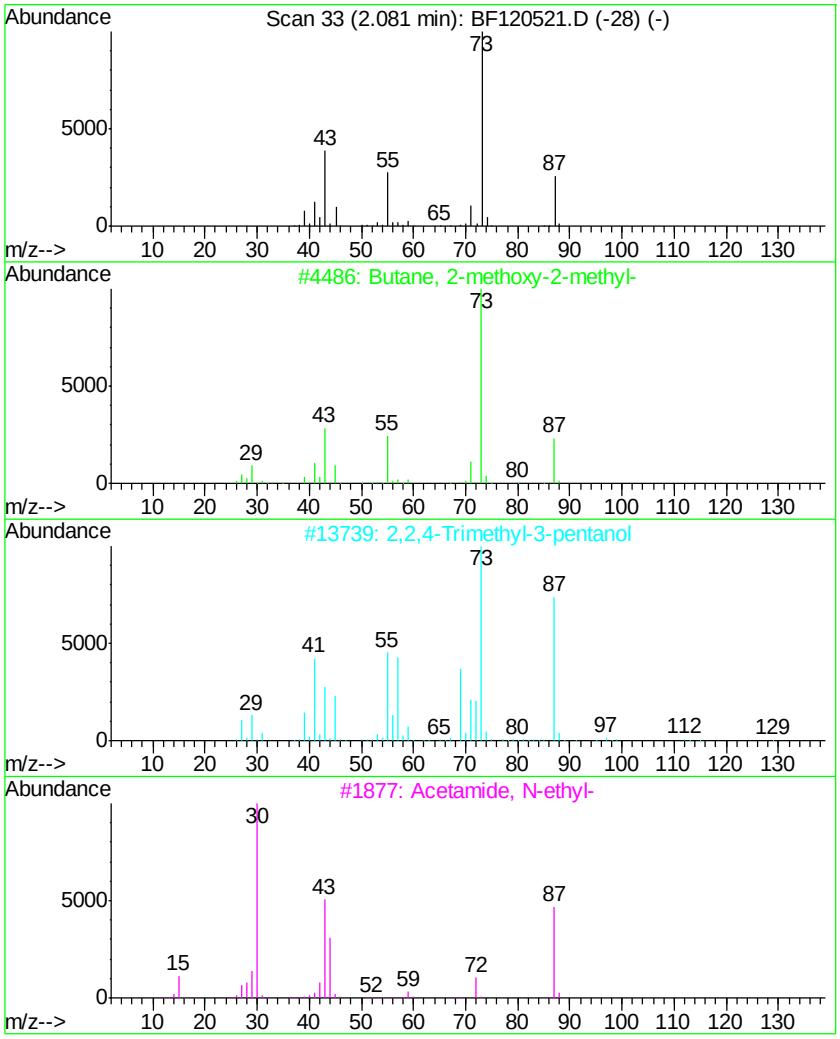
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

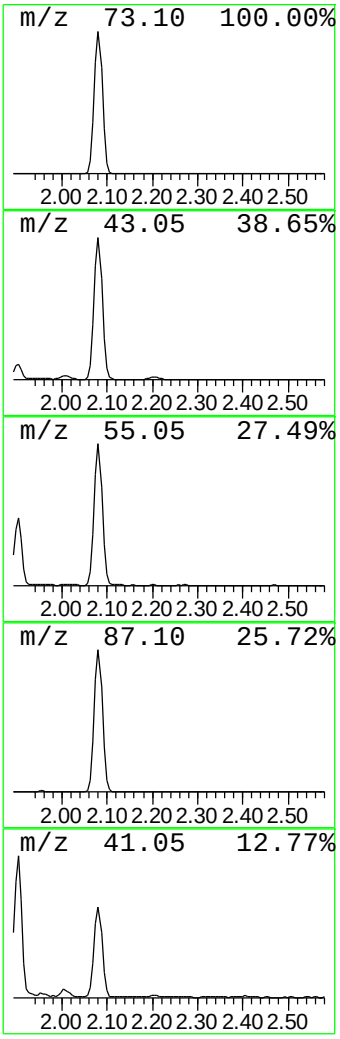
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	23.30 ng	887205	1,4-Dichlorobenzene-d4	6.83

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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Sample : L2839-10
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Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

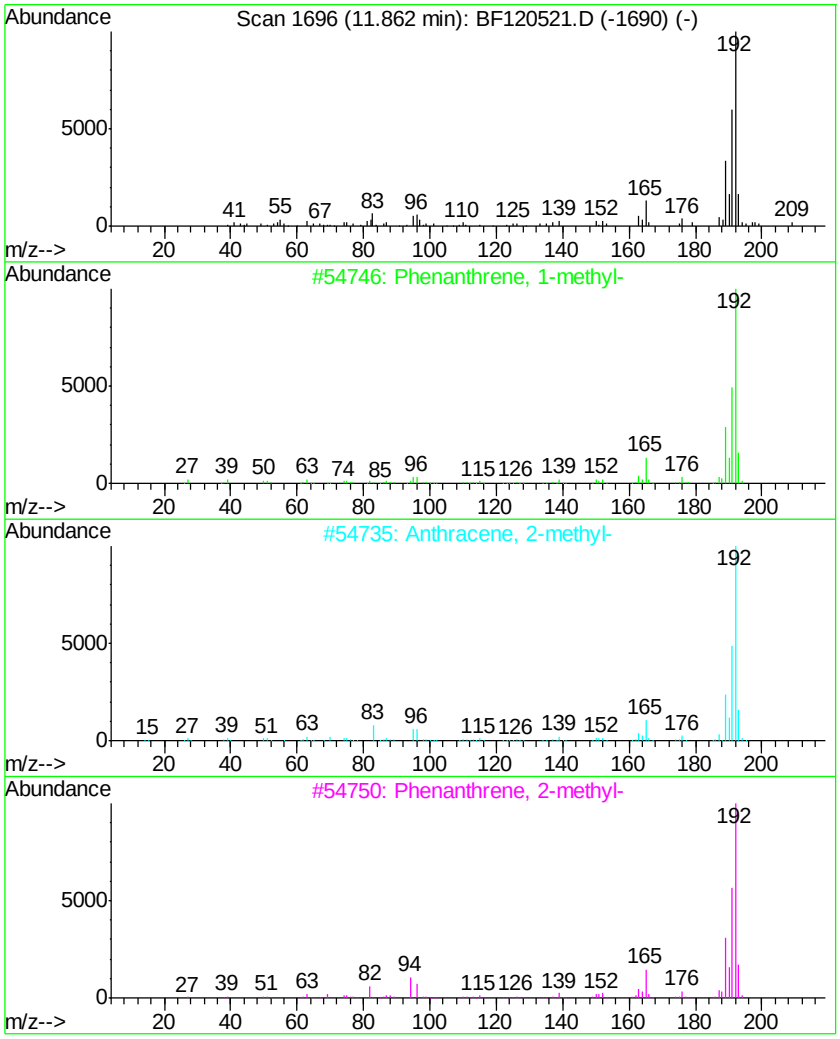
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

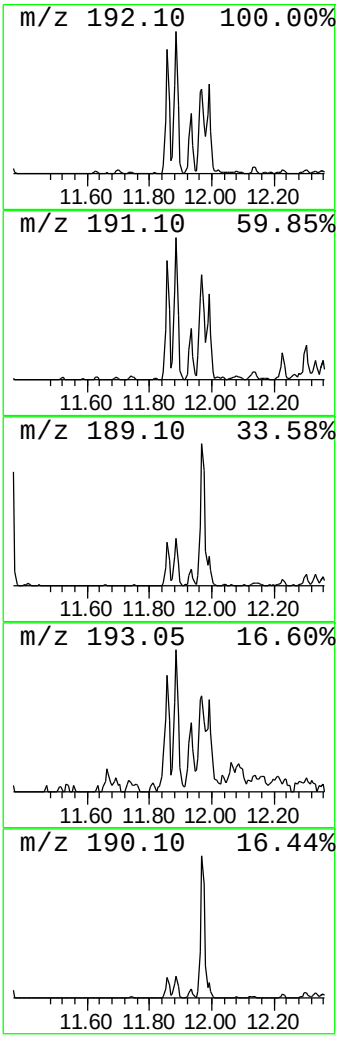
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.13 ng	183894	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120521.D
Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

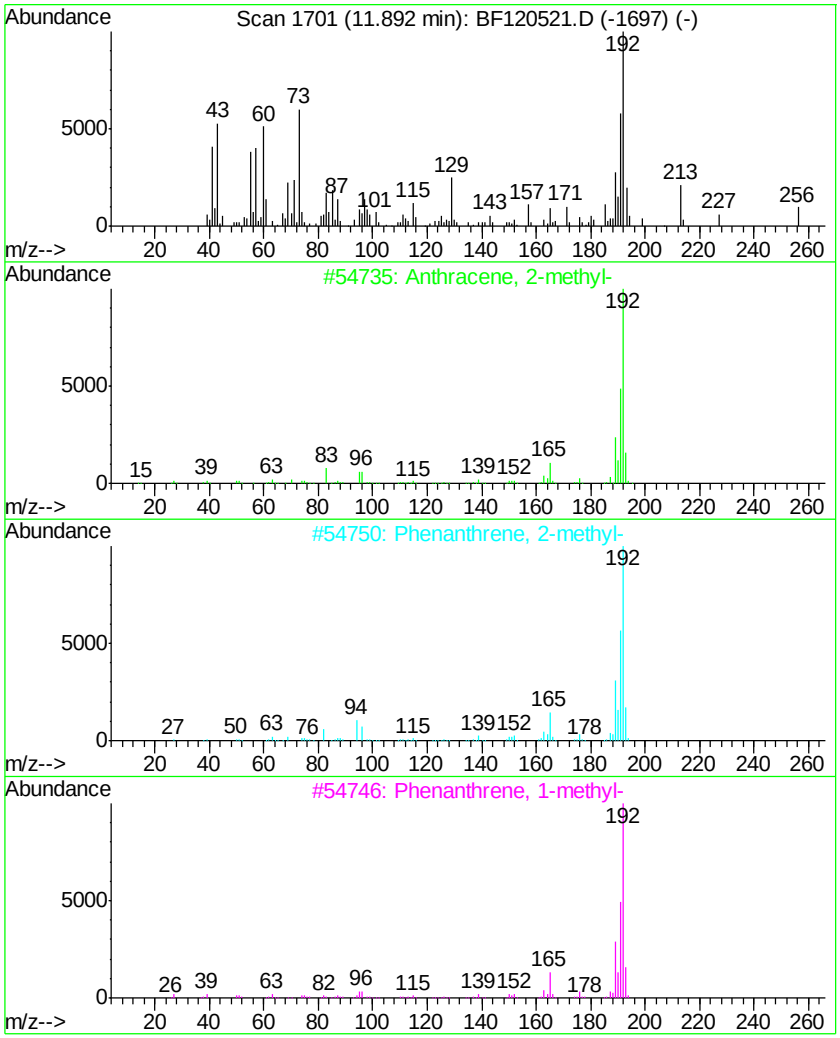
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

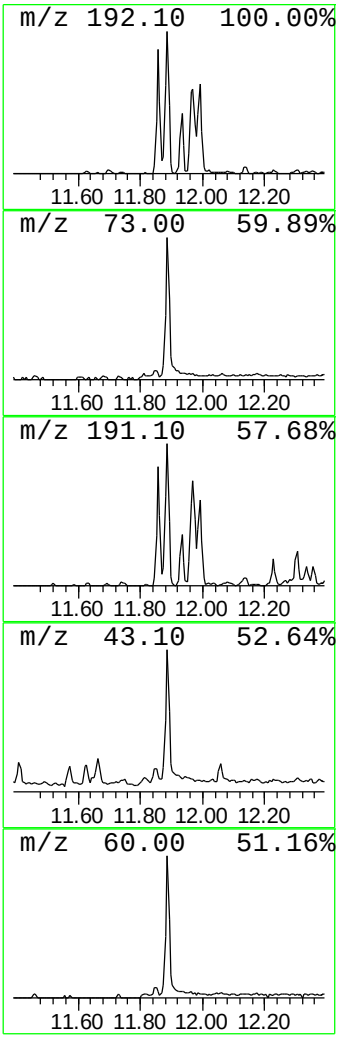
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	7.77 ng	346294	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

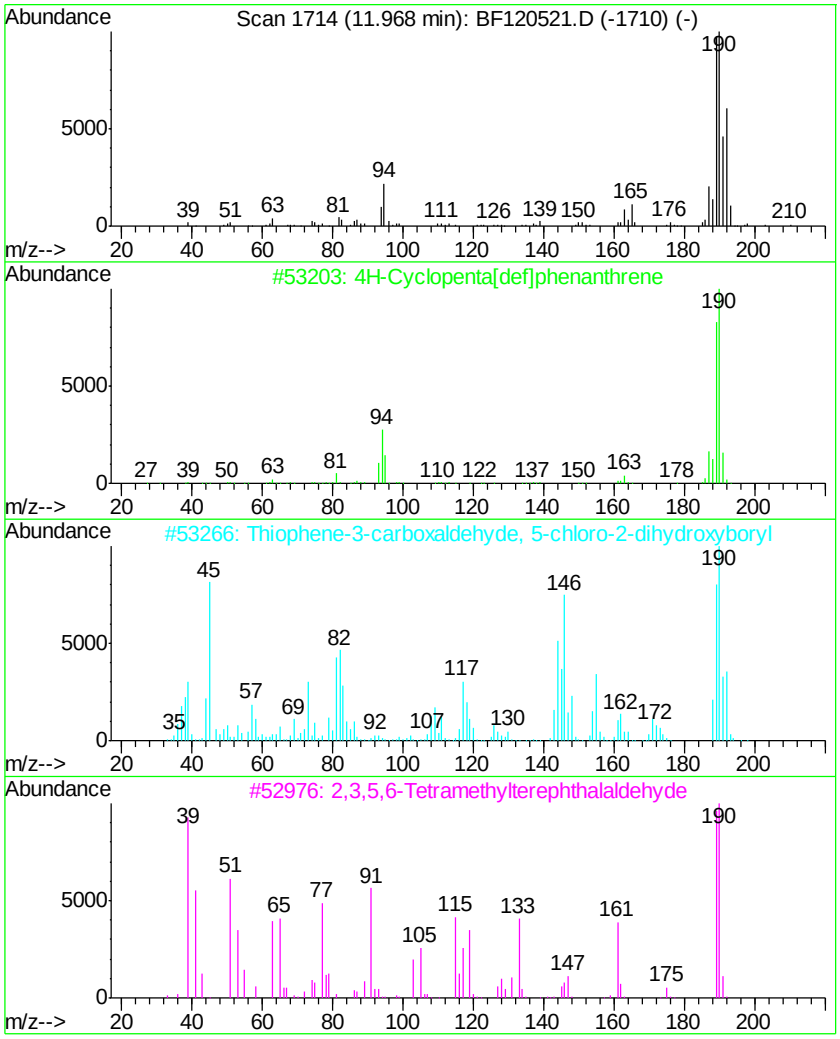
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

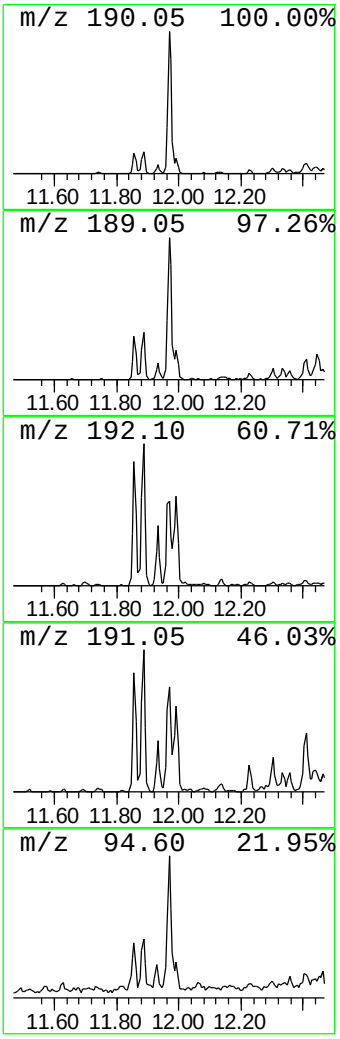
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.42 ng	241451	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120521.D
Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
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Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

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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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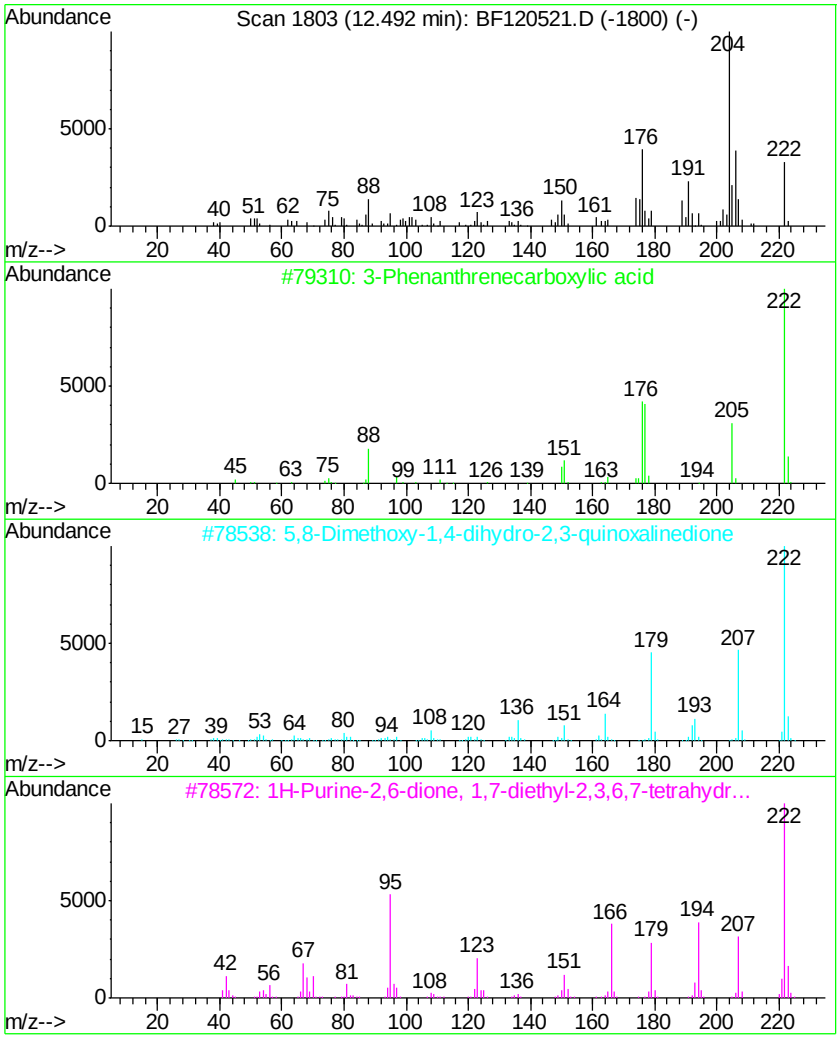
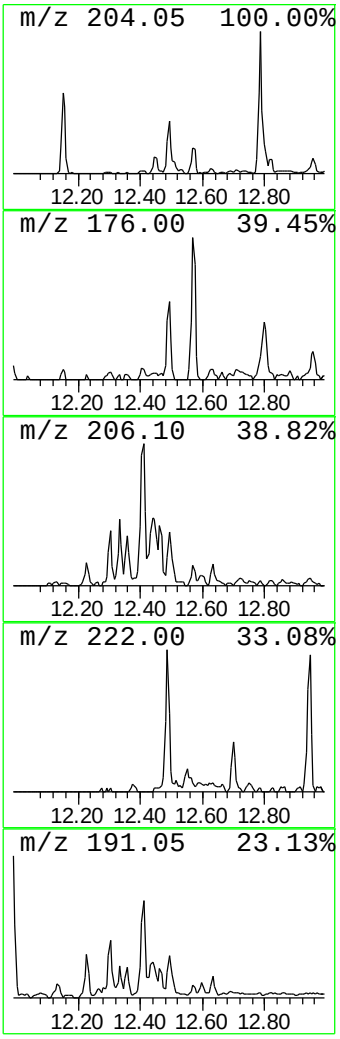
Peak Number 7 unknown12.49 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.06 ng	136259	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenanthrenecarboxylic acid	222	C15H10O2	007470-14-6	46
2	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	222	C10H10N2O4	001790-90-5	42
3	1H-Purine-2,6-dione, 1,7-diethyl...	222	C10H14N4O2	054889-96-2	41
4	Heteroxanthine, 1,3-diethyl-	222	C10H14N4O2	031617-39-7	38
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	38





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Operator : JU/CG
Sample : L2839-10
Misc :
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Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

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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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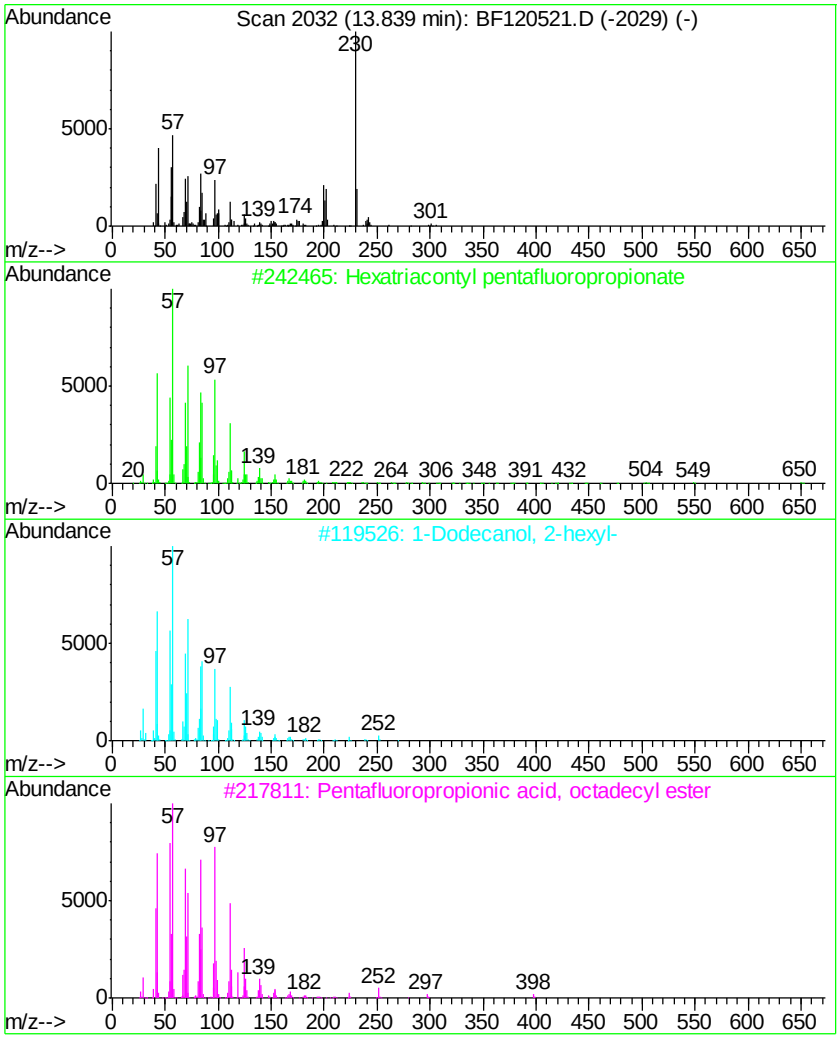
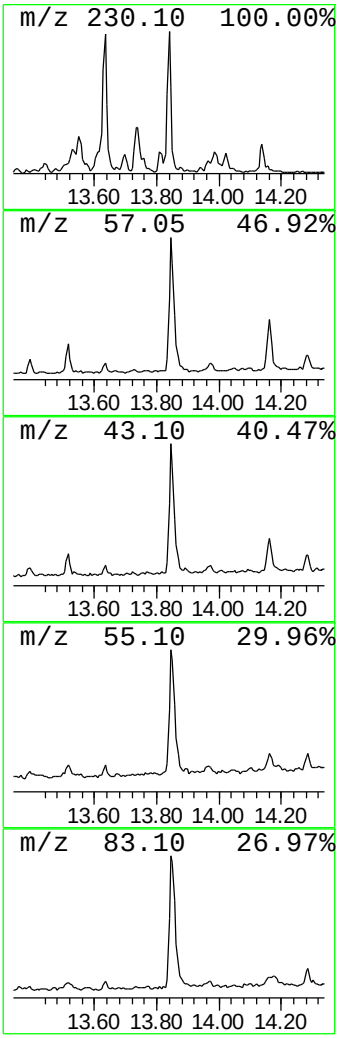
Peak Number 8 Hexatriacontyl pentafluorop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.15 ng	499739	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	62
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	60
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	60
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	60
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	60





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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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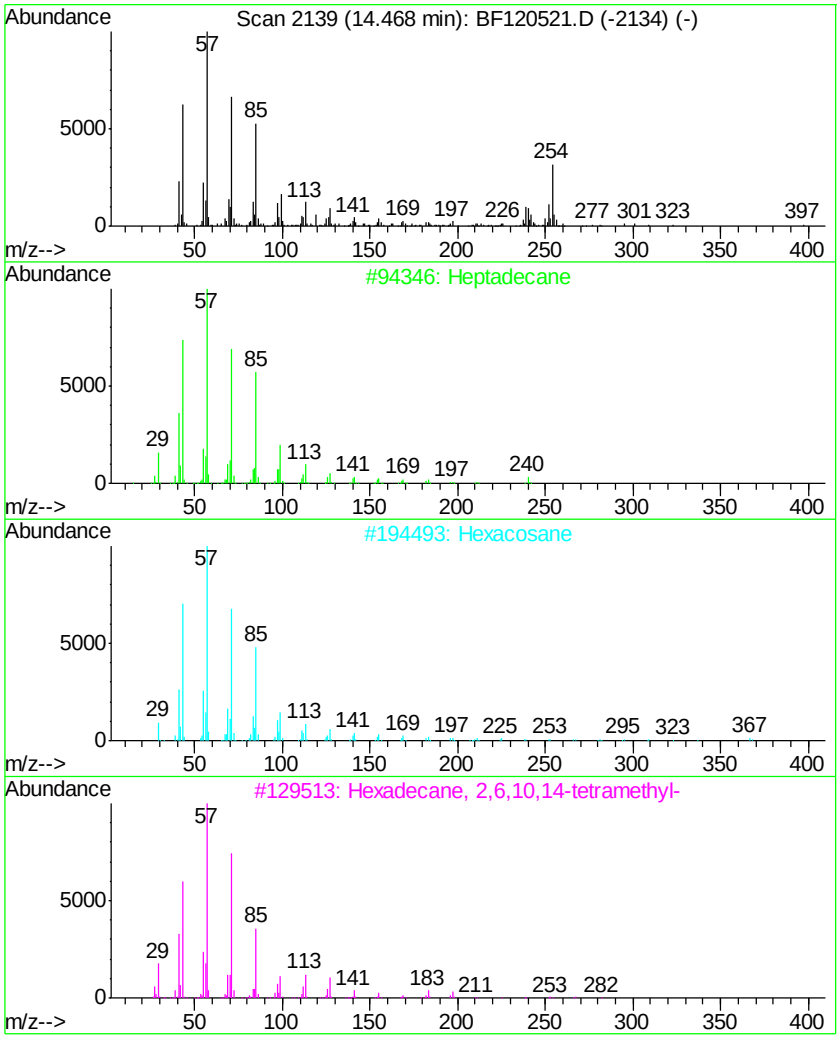
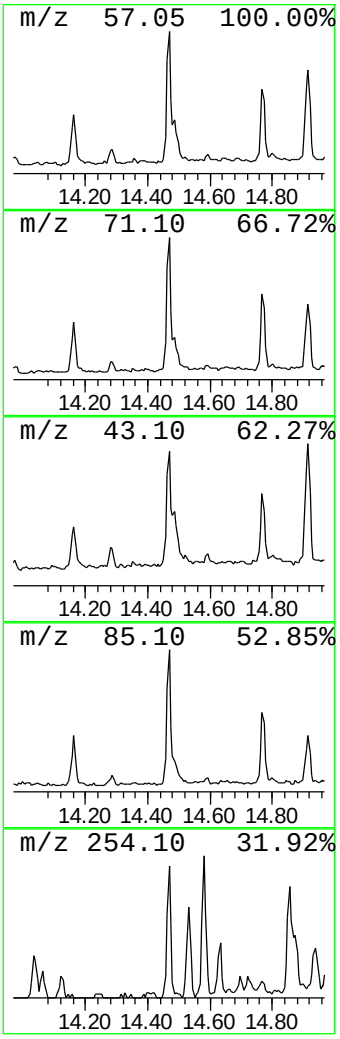
Peak Number 9 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.32 ng	432221	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	76
5	Octadecane	254	C18H38	000593-45-3	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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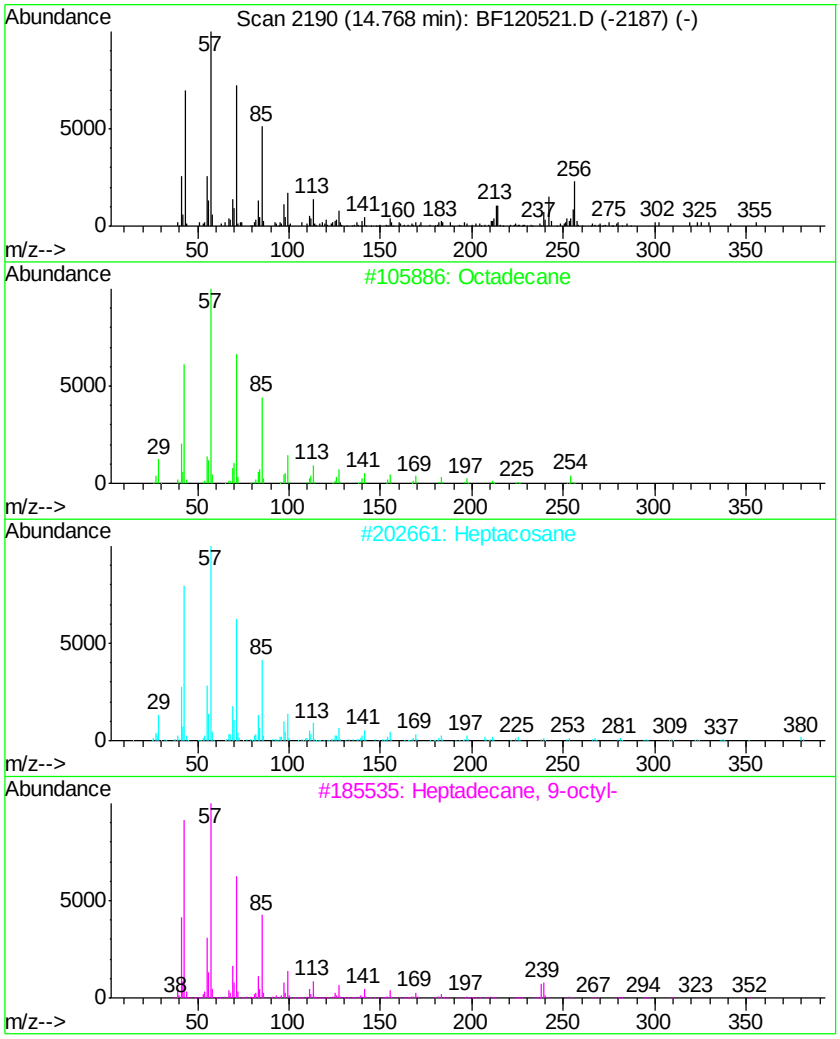
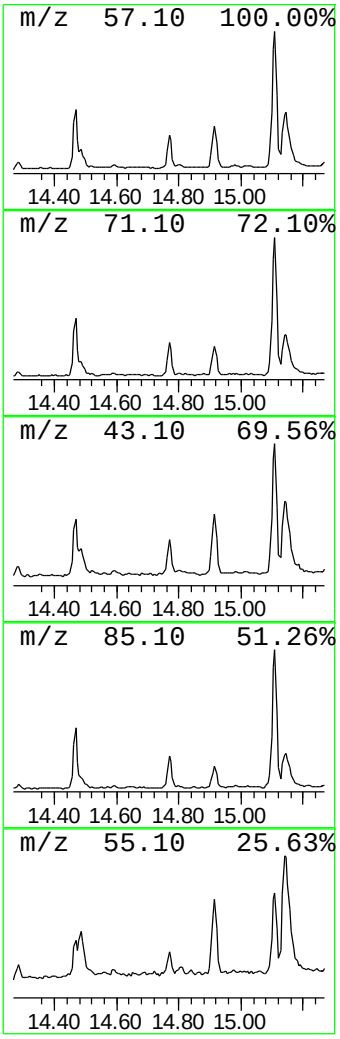
Peak Number 10 Octadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.85 ng	119015	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heptacosane	380	C27H56	000593-49-7	49
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	49
4	Octacosane	394	C28H58	000630-02-4	49
5	Tetracosane	338	C24H50	000646-31-1	46





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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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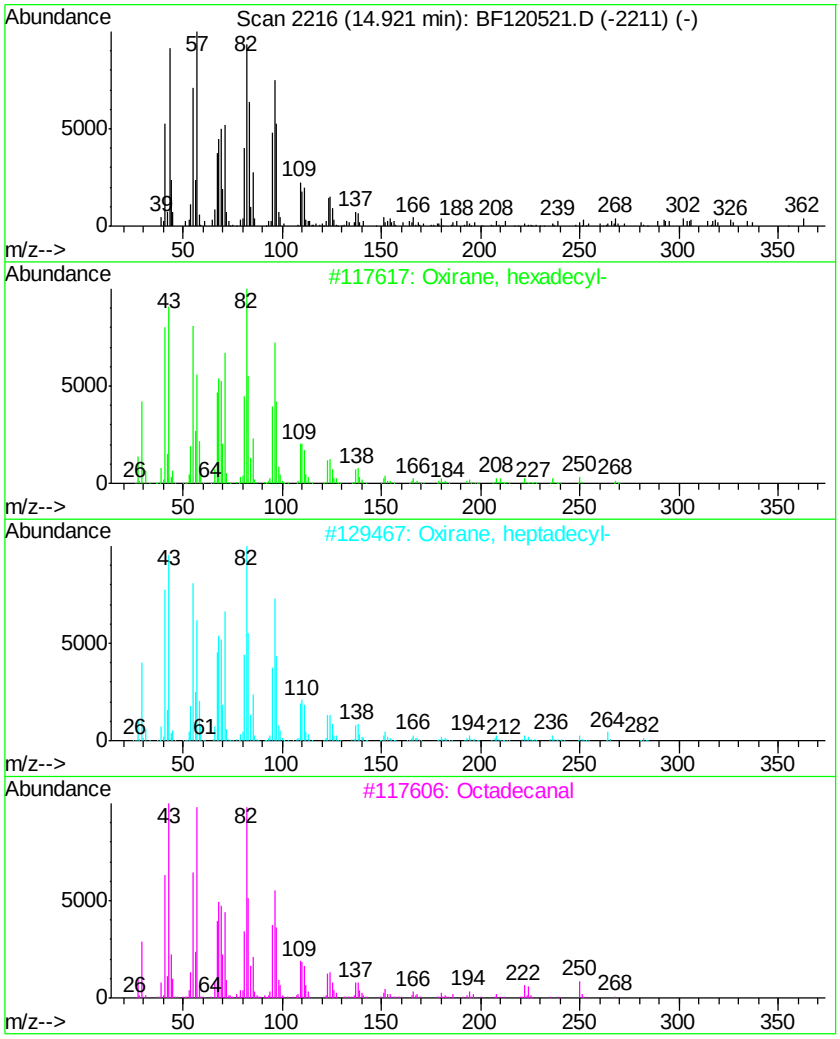
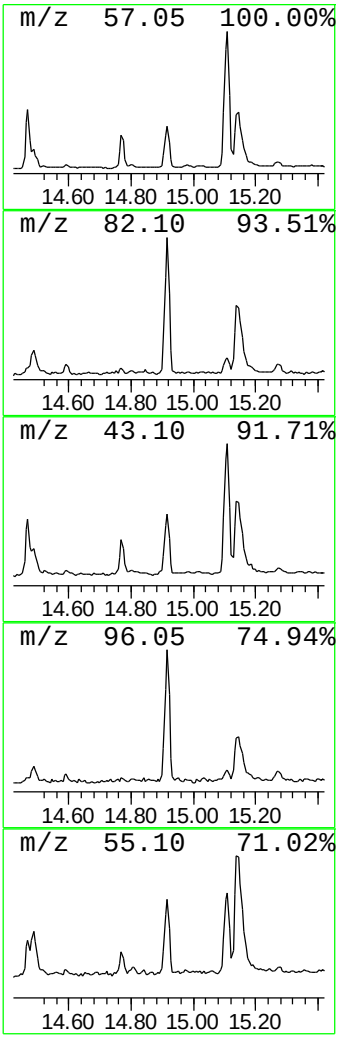
Peak Number 11 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	10.33 ng	319634	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Tetradecanal	212	C14H28O	000124-25-4	90
5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	87





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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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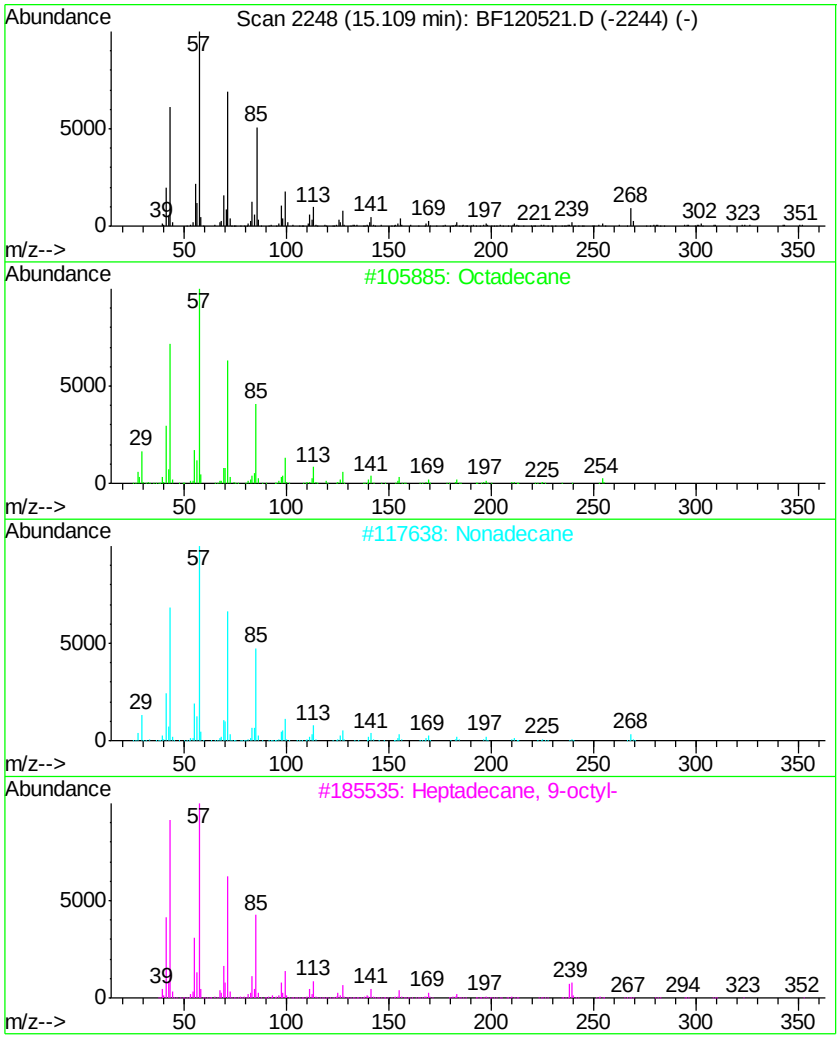
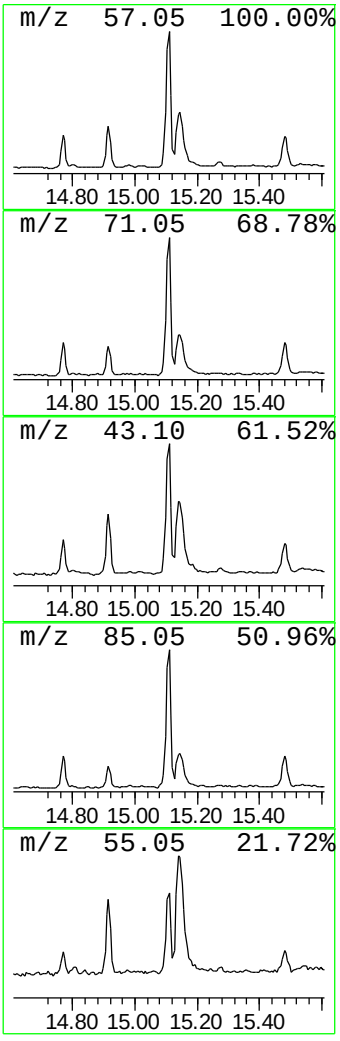
Peak Number 12 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	14.21 ng	439635	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





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ClientSampleId : NM24-COMP-2020-0-6

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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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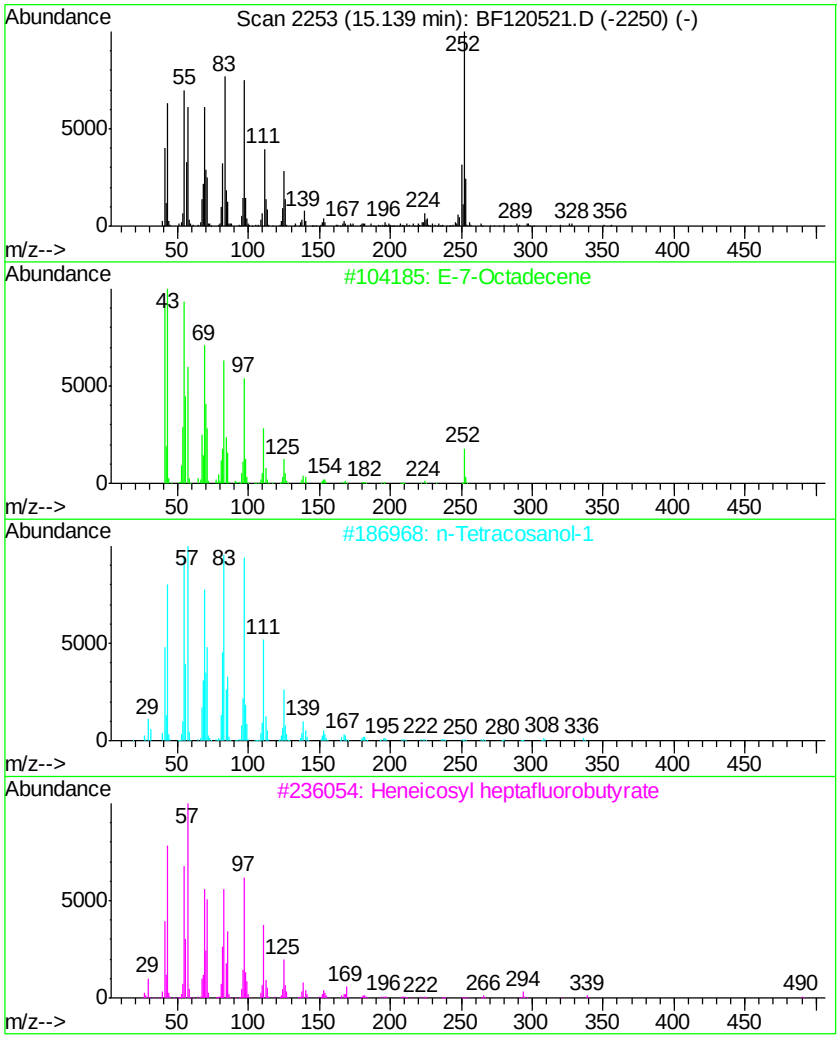
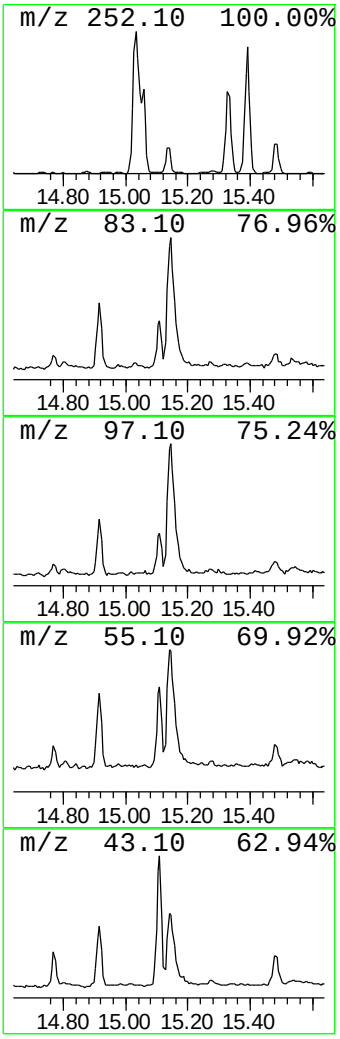
Peak Number 13 E-7-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	22.77 ng	704376	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	78
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	70
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	60
4	Cyclohexadecane	224	C16H32	000295-65-8	56
5	1-Heptacosanol	396	C27H56O	002004-39-9	55





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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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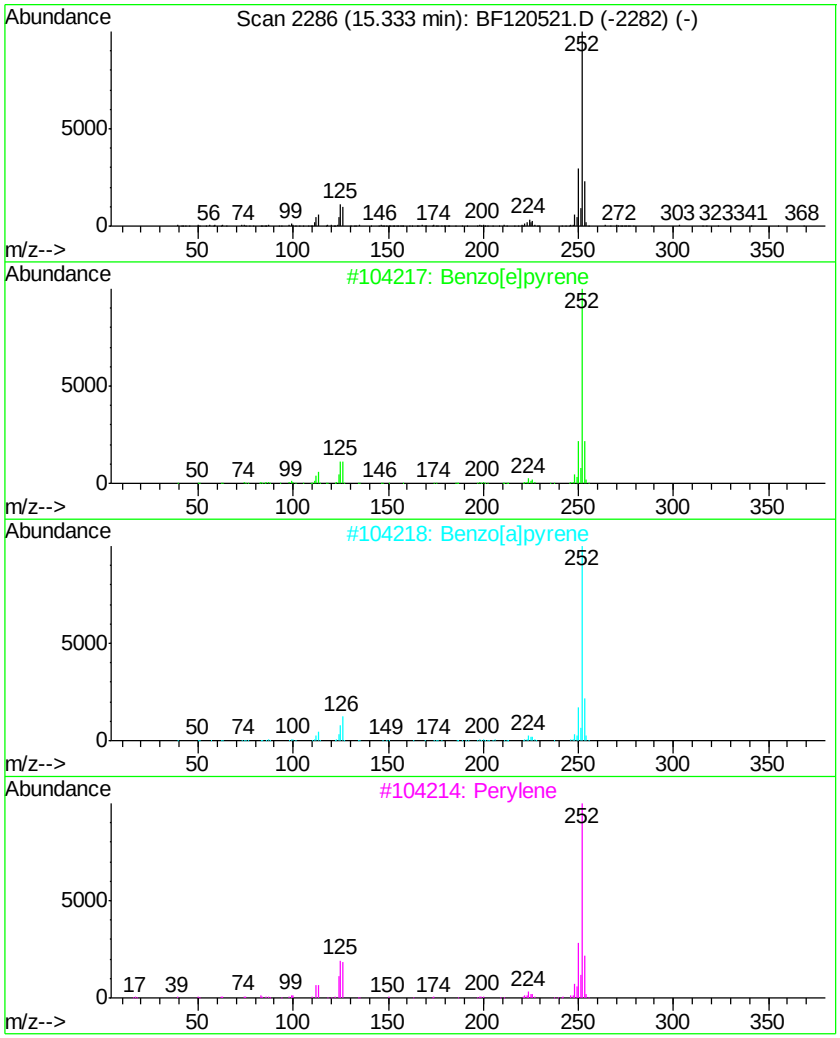
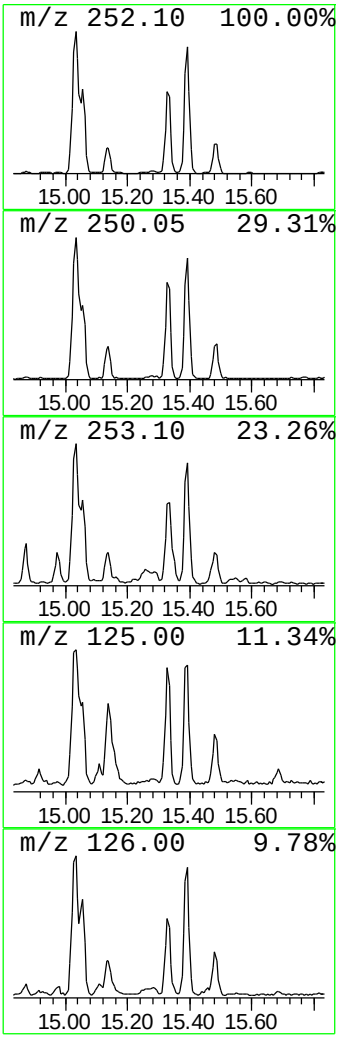
Peak Number 14 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	11.75 ng	363452	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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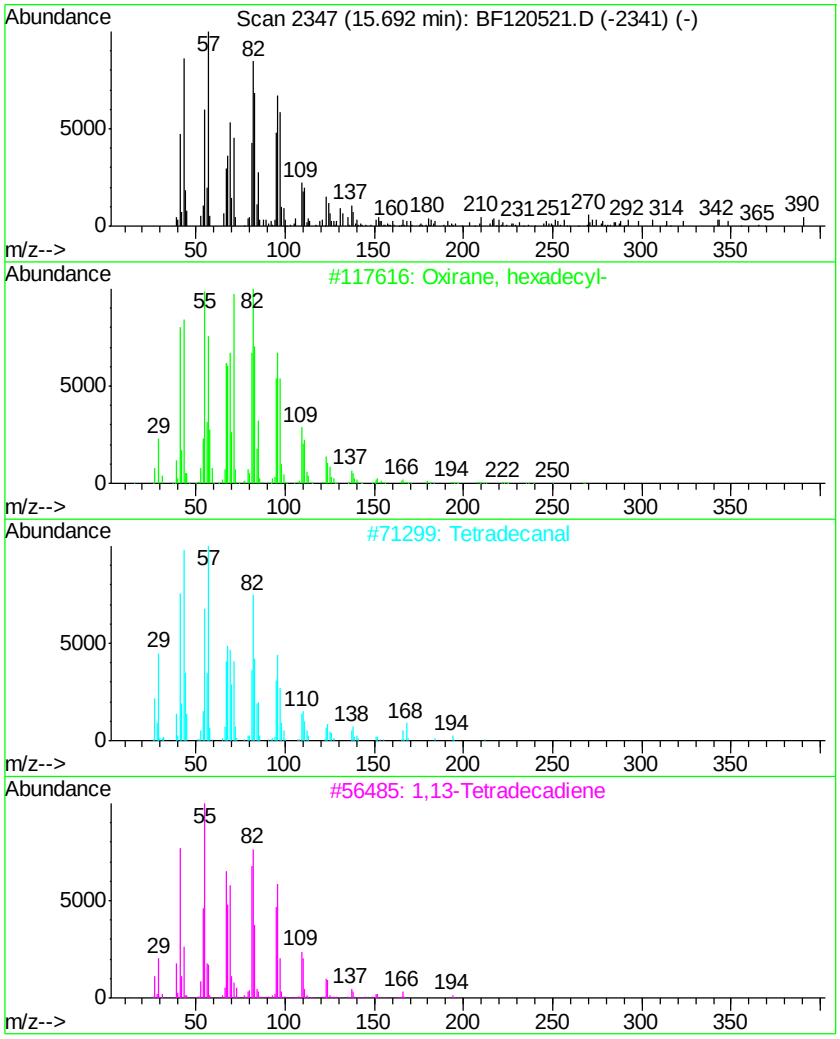
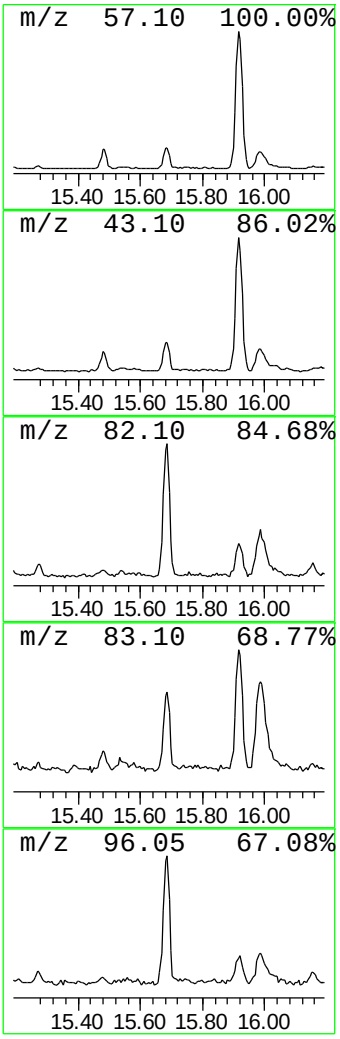
Peak Number 15 Tetradecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	9.67 ng	299181	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Tetradecanal	212	C14H28O	000124-25-4	90
3	1,13-Tetradecadiene	194	C14H26	021964-49-8	83
4	1,19-Eicosadiene	278	C20H38	014811-95-1	74
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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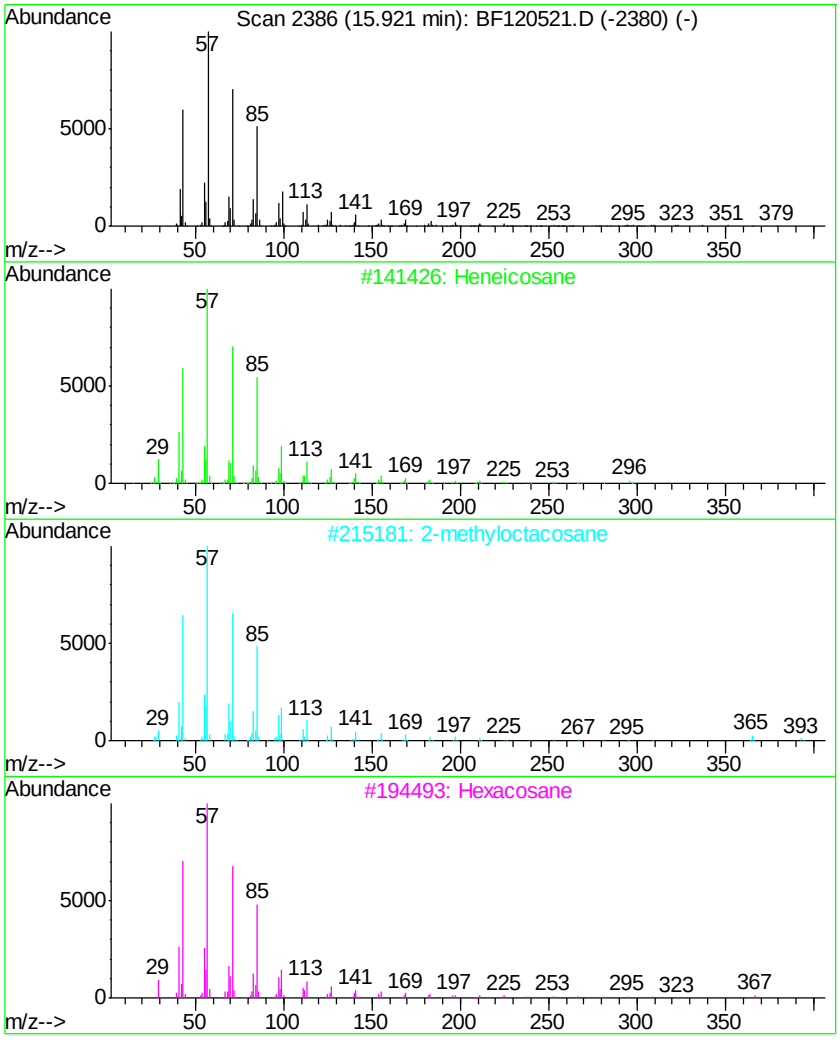
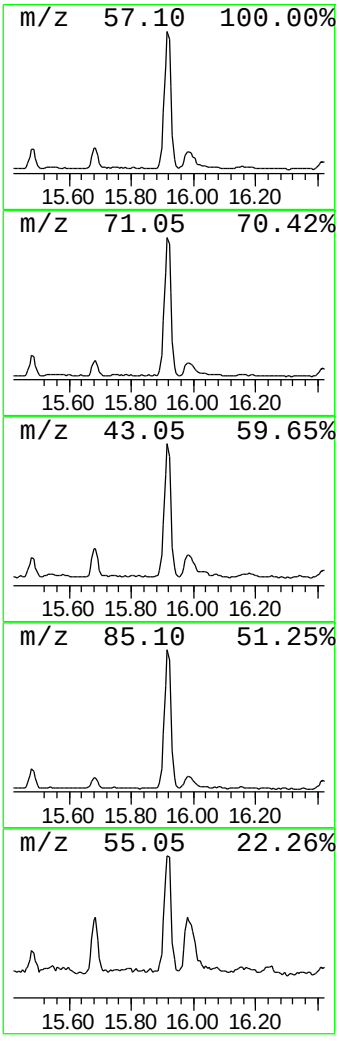
Peak Number 16 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	30.50 ng	943603	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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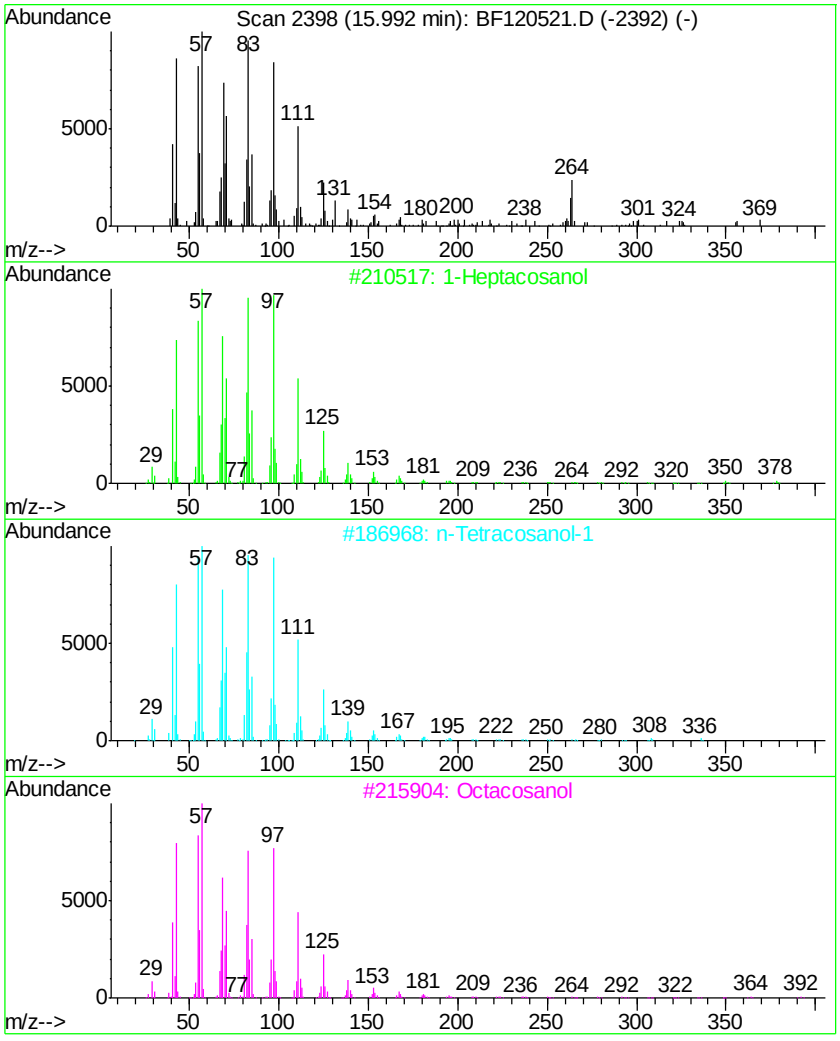
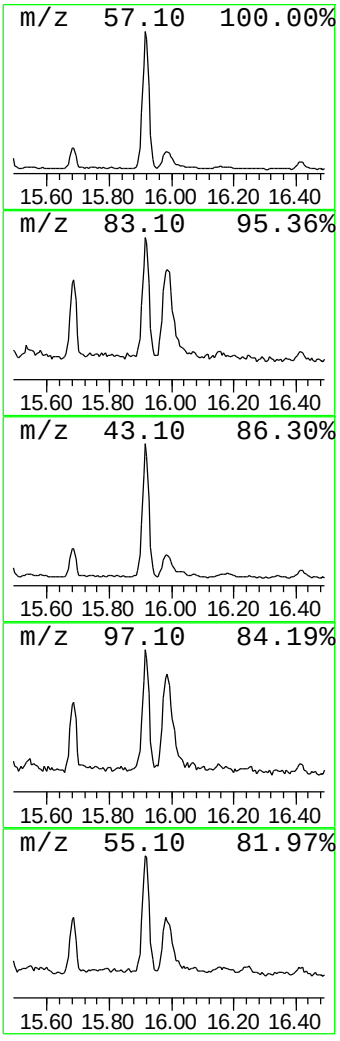
Peak Number 17 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	12.82 ng	396648	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Octacosanol	410	C28H58O	000557-61-9	93
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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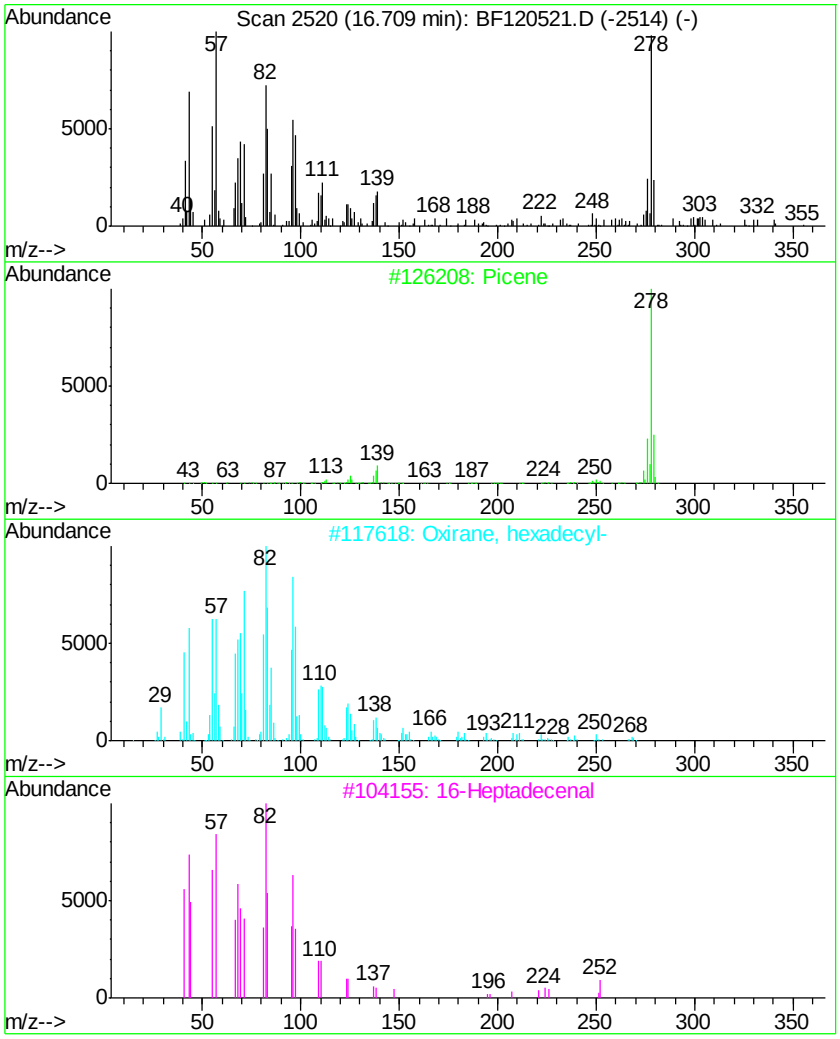
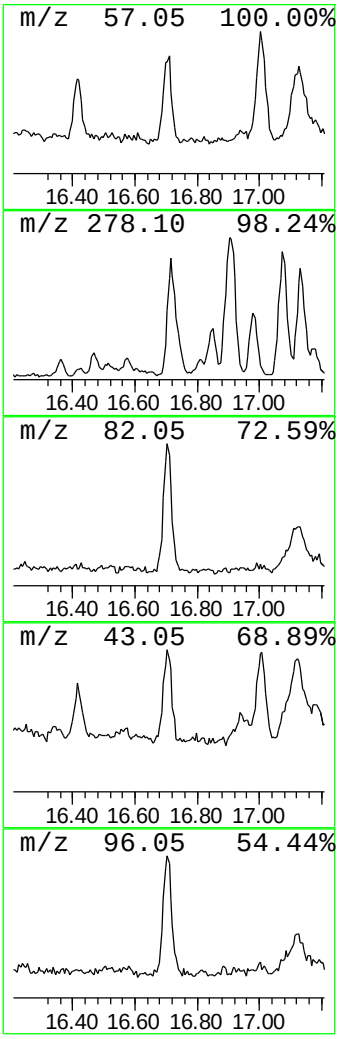
Peak Number 18 Picene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	9.24 ng	285842	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	64
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58
3	16-Heptadecenal	252	C17H32O	1000144-57-9	55
4	Oleyl alcohol, methyl ether	282	C19H38O	1000352-68-0	52
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	48





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Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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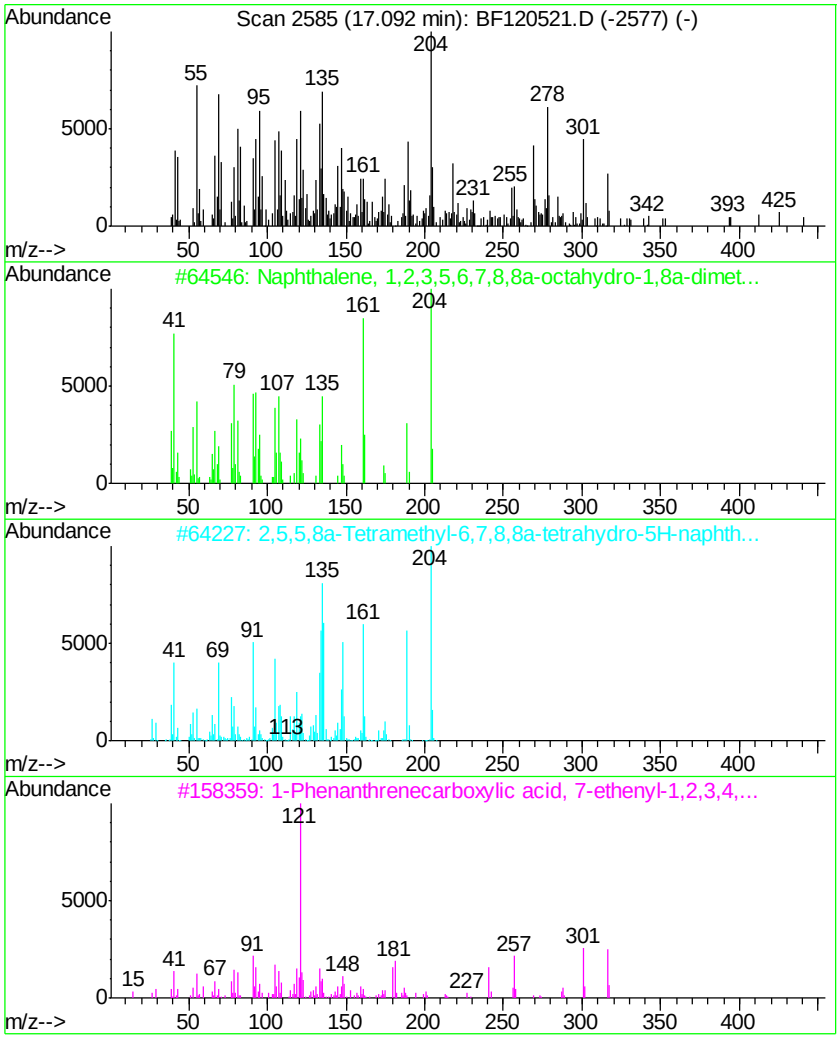
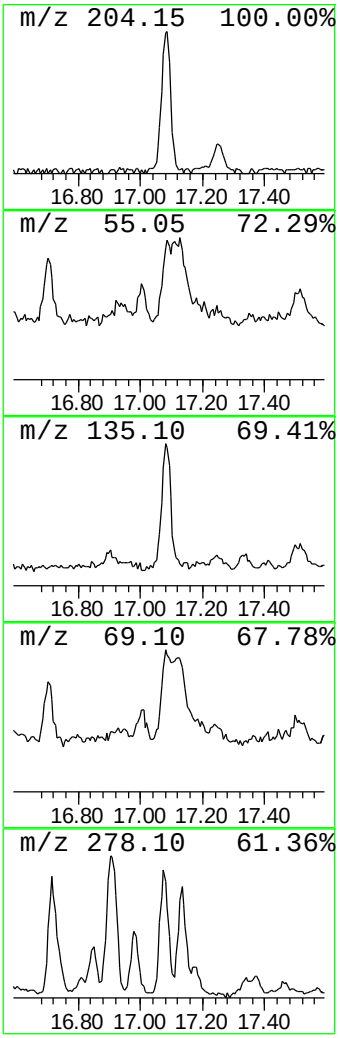
Peak Number 19 unknown17.09 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	23.25 ng	719441	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	45
2	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	43
3	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-54-0	42
4	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	41
5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120521.D
Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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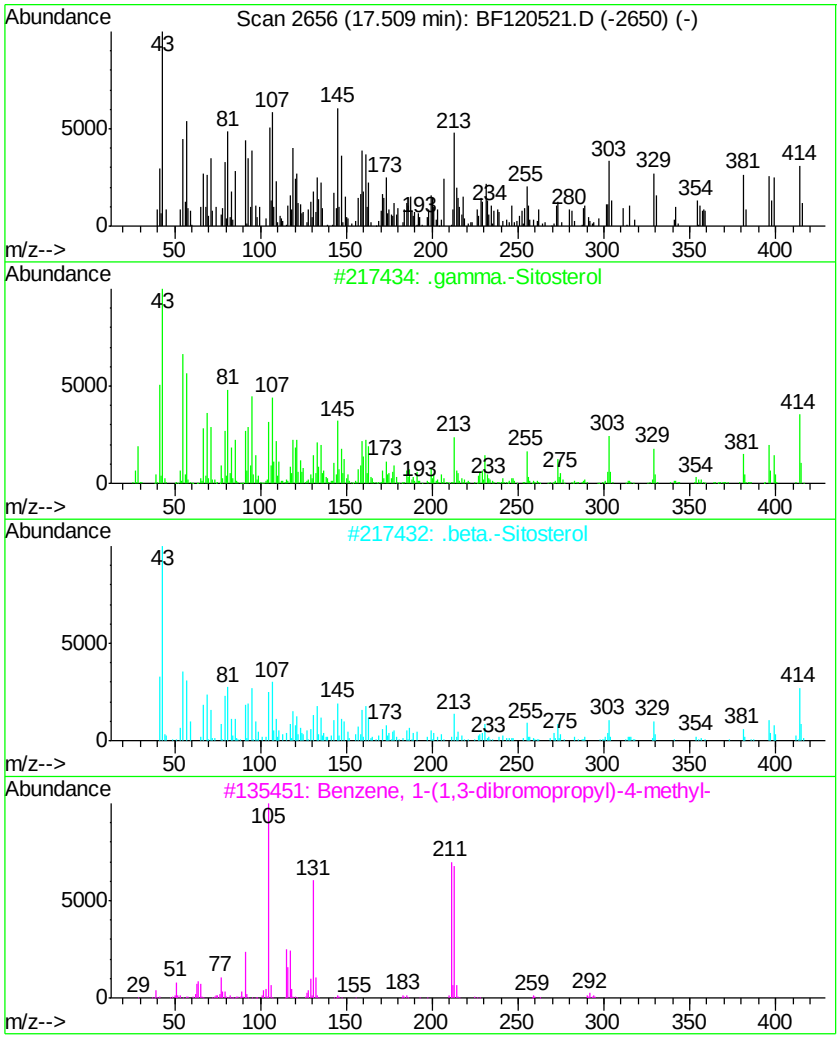
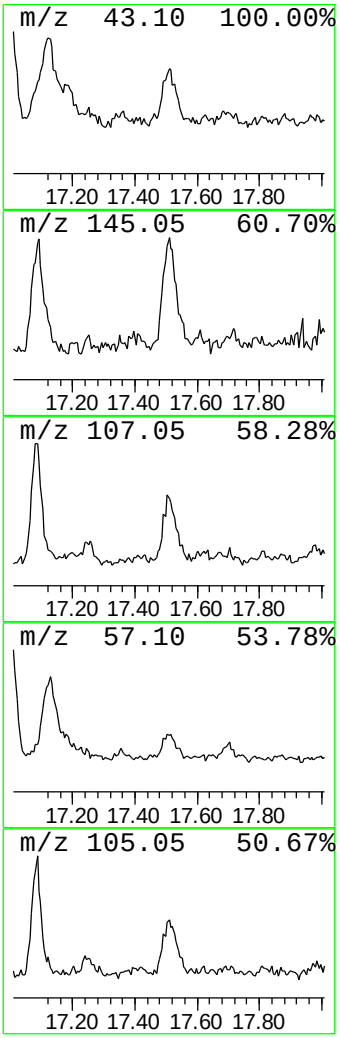
Peak Number 20 .gamma.-Sitosterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	7.90 ng	244558	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	46
3	Benzene, 1-(1,3-dibromopropyl)-4...	290	C10H12Br2	1000327-34-6	11
4	Acetamide, N-(2-methoxy-4,5-dini...	255	C9H9N3O6	066910-71-2	10
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060320\
Data File : BF120521.D
Acq On : 3 Jun 2020 20:37
Operator : JU/CG
Sample : L2839-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM24-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Methylene chloride	1.96	4.3	ng	163386	1	6.83	761649	20.0
Butane, 2-methoxy...	2.08	23.3	ng	887205	1	6.83	761649	20.0
Phenanthrene, 1-m...	11.86	4.1	ng	183894	4	11.36	890947	20.0
Anthracene, 2-met...	11.89	7.8	ng	346294	4	11.36	890947	20.0
4H-Cyclopenta[def...	11.97	5.4	ng	241451	4	11.36	890947	20.0
unknown12.49	12.49	3.1	ng	136259	4	11.36	890947	20.0
Hexatriacontyl pe...	13.84	6.2	ng	499739	5	14.00	1625270	20.0
Heptadecane	14.47	5.3	ng	432221	5	14.00	1625270	20.0
Octadecane	14.77	3.9	ng	119015	6	15.46	618769	20.0
Oxirane, hexadecyl-	14.92	10.3	ng	319634	6	15.46	618769	20.0
Nonadecane	15.11	14.2	ng	439635	6	15.46	618769	20.0
E-7-Octadecene	15.14	22.8	ng	704376	6	15.46	618769	20.0
Benzo[e]pyrene	15.33	11.8	ng	363452	6	15.46	618769	20.0
Tetradecanal	15.69	9.7	ng	299181	6	15.46	618769	20.0
Heneicosane	15.92	30.5	ng	943603	6	15.46	618769	20.0
1-Heptacosanol	15.99	12.8	ng	396648	6	15.46	618769	20.0
Picene	16.71	9.2	ng	285842	6	15.46	618769	20.0
unknown17.09	17.09	23.3	ng	719441	6	15.46	618769	20.0
.gamma.-Sitosterol	17.51	7.9	ng	244558	6	15.46	618769	20.0