LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118778.D
Acq On : 31 Jan 2020 13:33
Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

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-BF012020.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	2.122	3	6	14	rVB	564054	714230	9.26%	0.792%
2	2.228	19	24	34	rVB	79840	121296	1.57%	0.135%
3	4.422	392	397	404	rVB	195420	245784	3.19%	0.273%
4	5.046	496	503	512	rVB	243097	306374	3.97%	0.340%
5	5.451	567	572	575	rBV	5214553	5197360	67.39%	5.764%
6	6.457	737	743	746	rBV	4884349	5720928	74.18%	6.344%
7	6.828	802	806	809	rBV	1995433	1734867	22.50%	1.924%
8	6.987	828	833	836	rBV	5224987	4876376	63.23%	5.408%
9	7.387	891	901	904	rBV	3823919	3855942	50.00%	4.276%
10	8.110	1019	1024	1026	rBV	2606049	2417474	31.35%	2.681%
11	8.128	1026	1027	1031	rVB	206379	133807	1.74%	0.148%
12	8.704	1122	1125	1128	rBV	117335	111442	1.45%	0.124%
13	8.822	1139	1145	1148	rVB	228558	224642	2.91%	0.249%
14	8.922	1158	1162	1166	rBV	123507	113887	1.48%	0.126%
15	9.139	1196	1199	1202	rBV	92237	83053	1.08%	0.092%
16	9.186	1202	1207	1210	rBV	8186755	7711888	100.00%	8.552%
17	9.269	1217	1221	1226	rBV2	226650	303881	3.94%	0.337%
18	9.445	1247	1251	1256	rBV	125437	183439	2.38%	0.203%
19	9.522	1261	1264	1266	rBV	163550	144758	1.88%	0.161%
20	9.575	1270	1273	1275	rBV	490190	382744	4.96%	0.424%
21	9.639	1281	1284	1289	rVB2	80228	100253	1.30%	0.111%
22	9.798	1309	1311	1316	rVB	187364	167857	2.18%	0.186%
23	9.863	1316	1322	1325	rBV	3273709	2883954	37.40%	3.198%
24	9.892	1325	1327	1331	rVB	256525	238726	3.10%	0.265%
25	9.969	1337	1340	1344	rVB	61529	84087	1.09%	0.093%
26	10.022	1344	1349	1353	rBV4	43549	87803	1.14%	0.097%
27	10.063	1353	1356	1359	rVB	245208	220030	2.85%	0.244%
28	10.298	1393	1396	1399	rVB2	195285	181214	2.35%	0.201%
29	10.410	1411	1415	1421	rBV	268091	298810	3.87%	0.331%
30	10.475	1421	1426	1428	rVV2	81114	110193	1.43%	0.122%
31	10.522	1431	1434	1437	rVV	180851	191211	2.48%	0.212%
32	10.569	1439	1442	1446	rVB2	110816	124792	1.62%	0.138%
33	10.651	1451	1456	1459	rBV	5173225	4714876	61.14%	5.229%
34	10.775	1474	1477	1478	rBV	279683	267623	3.47%	0.297%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.151	1538	1541	1545	rVB	134292	127785	1.66%	0.142%
36	11.222	1550	1553	1555	rVV	196094	205815	2.67%	0.228%
37	11.245	1555	1557	1562	rVB2	201854	262451	3.40%	0.291%
38	11.345	1570	1574	1576	rBV	2752549	2676749	34.71%	2.968%
39	11.369	1576	1578	1582	rVV	2369451	2111879	27.38%	2.342%
40	11.422	1582	1587	1590	rVV	574870	533181	6.91%	0.591%
41	11.457	1590	1593	1596	rVV2	78863	85616	1.11%	0.095%
42	11.575	1608	1613	1616	rBV2	246984	317595	4.12%	0.352%
43	11.645	1622	1625	1628	rVB	177503	133577	1.73%	0.148%
44	11.851	1656	1660	1662	rBV	318328	350896	4.55%	0.389%
45	11.874	1662	1664	1669	rVB	1063016	1025843	13.30%	1.138%
46	11.922	1669	1672	1675	rVB2	143592	135193	1.75%	0.150%
47	11.963	1675	1679	1681	rBV2	436221	519626	6.74%	0.576%
48	12.051	1691	1694	1697	rBV2	173632	141505	1.83%	0.157%
49	12.139	1706	1709	1711	rBV	216933	216355	2.81%	0.240%
50	12.163	1711	1713	1719	rVB2	261329	217141	2.82%	0.241%
51	12.292	1730	1735	1738	rBV2	115771	140497	1.82%	0.156%
52	12.398	1750	1753	1756	rBV	255959	252756	3.28%	0.280%
53	12.439	1756	1760	1765	rVV2	196459	281241	3.65%	0.312%
54	12.480	1765	1767	1772	rVB2	161198	172042	2.23%	0.191%
55	12.563	1777	1781	1784	rVV	2856312	2662878	34.53%	2.953%
56	12.663	1794	1798	1800	rBV2	263307	280341	3.64%	0.311%
57	12.710	1804	1806	1810	rVV	108229	103743	1.35%	0.115%
58	12.786	1813	1819	1822	rVV2	2556748	2721023	35.28%	3.018%
59	12.833	1825	1827	1832	rVB2	151875	164748	2.14%	0.183%
60	12.904	1836	1839	1840	rBV	167329	138862	1.80%	0.154%
61	12.933	1840	1844	1847	rVV	7433760	7141141	92.60%	7.919%
62	13.004	1851	1856	1859	rBV2	178394	292739	3.80%	0.325%
63	13.092	1868	1871	1872	rBV2	130579	125509	1.63%	0.139%
64	13.116	1872	1875	1878	rVB2	329903	315339	4.09%	0.350%
65	13.145	1878	1880	1882	rBV2	76246	82767	1.07%	0.092%
66	13.180	1882	1886	1889	rVV2	225276	257046	3.33%	0.285%
67	13.216	1889	1892	1895	rBV2	249532	255892	3.32%	0.284%
68	13.310	1906	1908	1911	rVB	136838	110434	1.43%	0.122%
69	13.339	1911	1913	1917	rBV	129007	113681	1.47%	0.126%
70	13.410	1922	1925	1935	rVB	831315	865790	11.23%	0.960%
71	13.510	1935	1942	1945	rBV6	206798	353152	4.58%	0.392%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.616	1958	1960	1966	rVB	205344	261627	3.39%	0.290%
73	13.733	1975	1980	1982	rBV2	195316	283034	3.67%	0.314%
74	13.763	1982	1985	1987	rVV	218668	248292	3.22%	0.275%
75	13.786	1987	1989	1993	rVV2	179217	286472	3.71%	0.318%
76	13.827	1993	1996	2006	rVB3	825715	1086250	14.09%	1.205%
77	13.980	2014	2022	2025	rBV2	2208129	3259431	42.27%	3.615%
78	14.010	2025	2027	2032	rVB	1125519	940397	12.19%	1.043%
79	14.092	2038	2041	2044	rVB	151377	139440	1.81%	0.155%
80	14.157	2048	2052	2056	rVB3	279884	369332	4.79%	0.410%
81	14.204	2056	2060	2064	rBV2	110369	125309	1.62%	0.139%
82	14.368	2085	2088	2091	rVB	185562	171095	2.22%	0.190%
83	14.404	2091	2094	2097	rVB2	126304	116899	1.52%	0.130%
84	14.457	2100	2103	2107	rBV3	492493	569461	7.38%	0.632%
85	14.763	2151	2155	2158	rBV	543725	570823	7.40%	0.633%
86	14.839	2164	2168	2175	rBV4	357771	574144	7.44%	0.637%
87	14.904	2176	2179	2186	rVB3	419393	565300	7.33%	0.627%
88	15.015	2193	2198	2206	rBV	942301	1842281	23.89%	2.043%
89	15.098	2208	2212	2214	rVV2	656810	827052	10.72%	0.917%
90	15.121	2214	2216	2222	rVB	481094	564187	7.32%	0.626%
91	15.310	2245	2248	2254	rVB	537112	708718	9.19%	0.786%
92	15.374	2255	2259	2264	rVB	829258	968629	12.56%	1.074%
93	15.439	2265	2270	2273	rBV	1453080	1834478	23.79%	2.034%
94	15.468	2273	2275	2282	rVB3	656025	804423	10.43%	0.892%
95	15.904	2345	2349	2354	rVB	439738	601945	7.81%	0.668%
96	15.957	2355	2358	2361	rBV3	79947	119718	1.55%	0.133%
97	16.404	2429	2434	2438	rBV	159613	261417	3.39%	0.290%
98	16.686	2478	2482	2486	rBV4	111773	217310	2.82%	0.241%
99	16.874	2509	2514	2524	rVB2	468592	903866	11.72%	1.002%
100	17.309	2582	2588	2601	rVB	374985	803924	10.42%	0.892%

Sum of corrected areas: 90173683

LSC Report - Integrated Chromatogram

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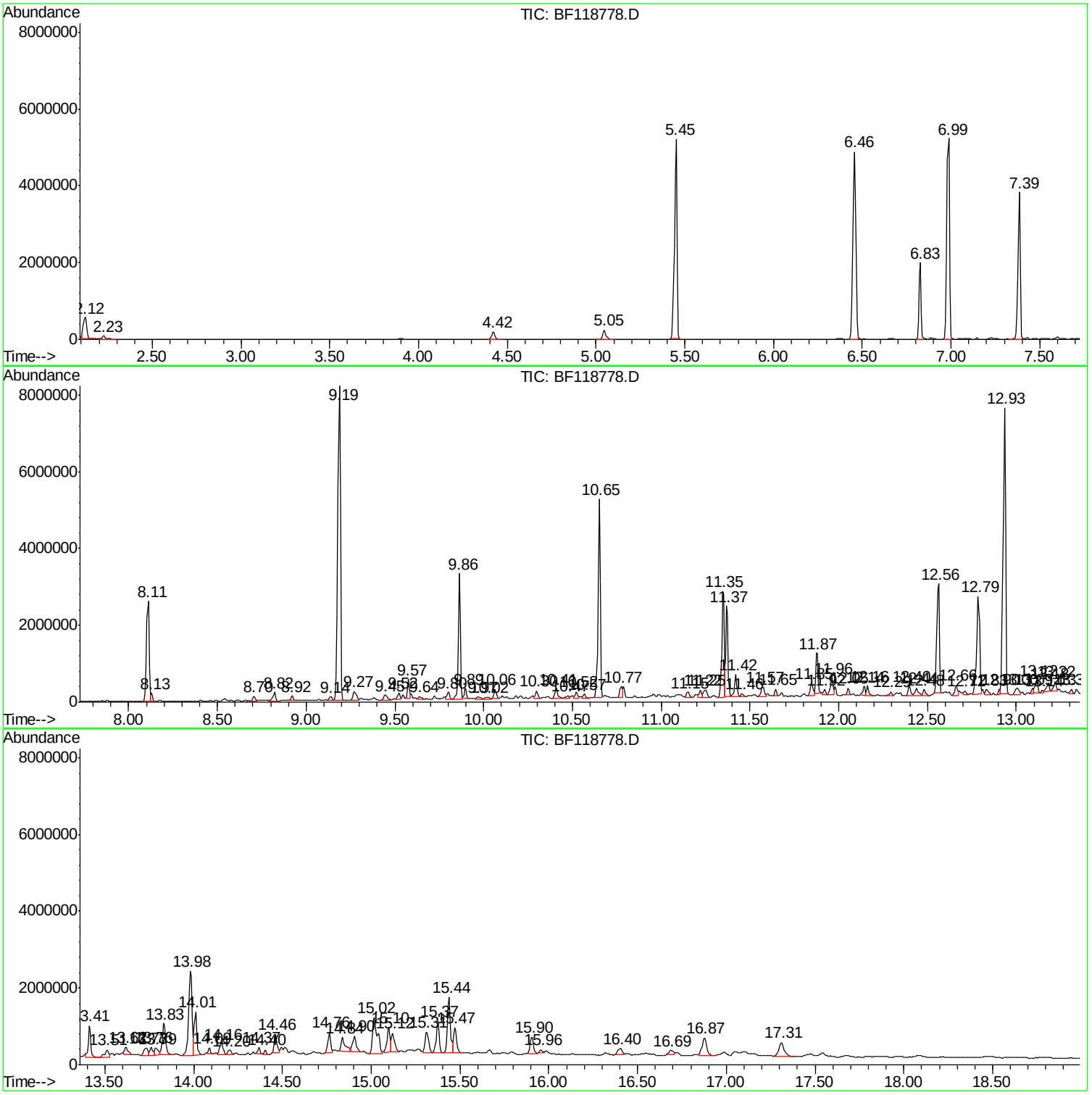
Data File : BF118778.D
Acq On : 31 Jan 2020 13:33
Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF013120\
Data File : BF118778.D
Acq On : 31 Jan 2020 13:33
Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

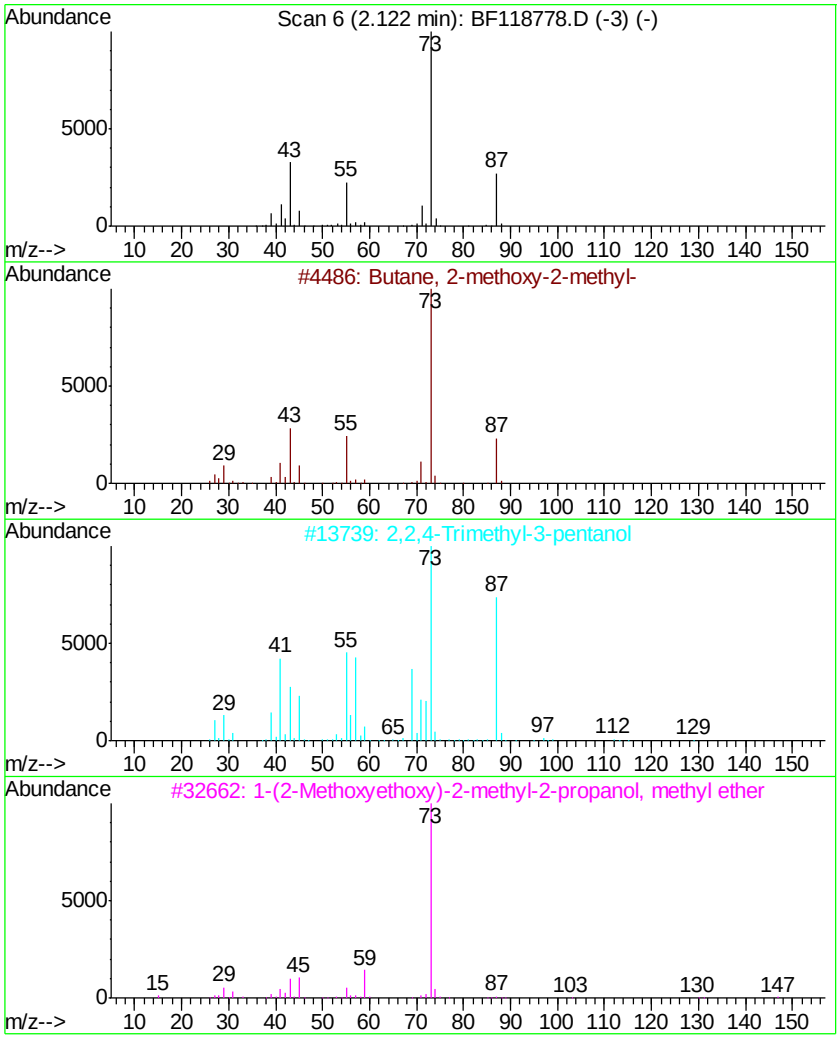
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

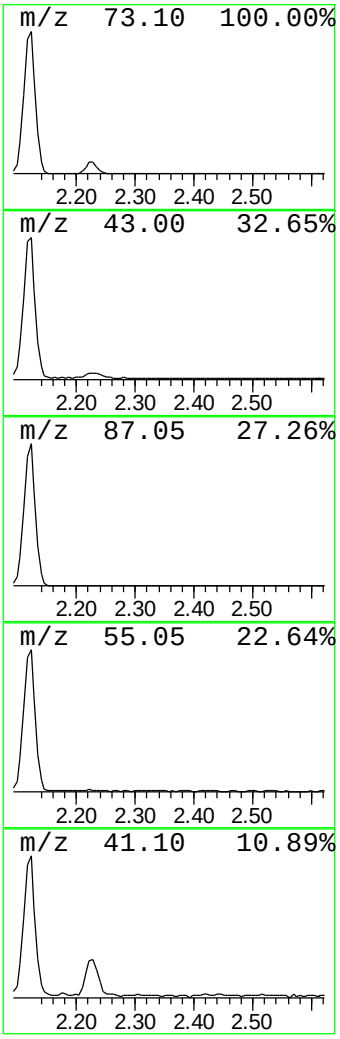
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	8.23 ng	714230	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	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

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Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

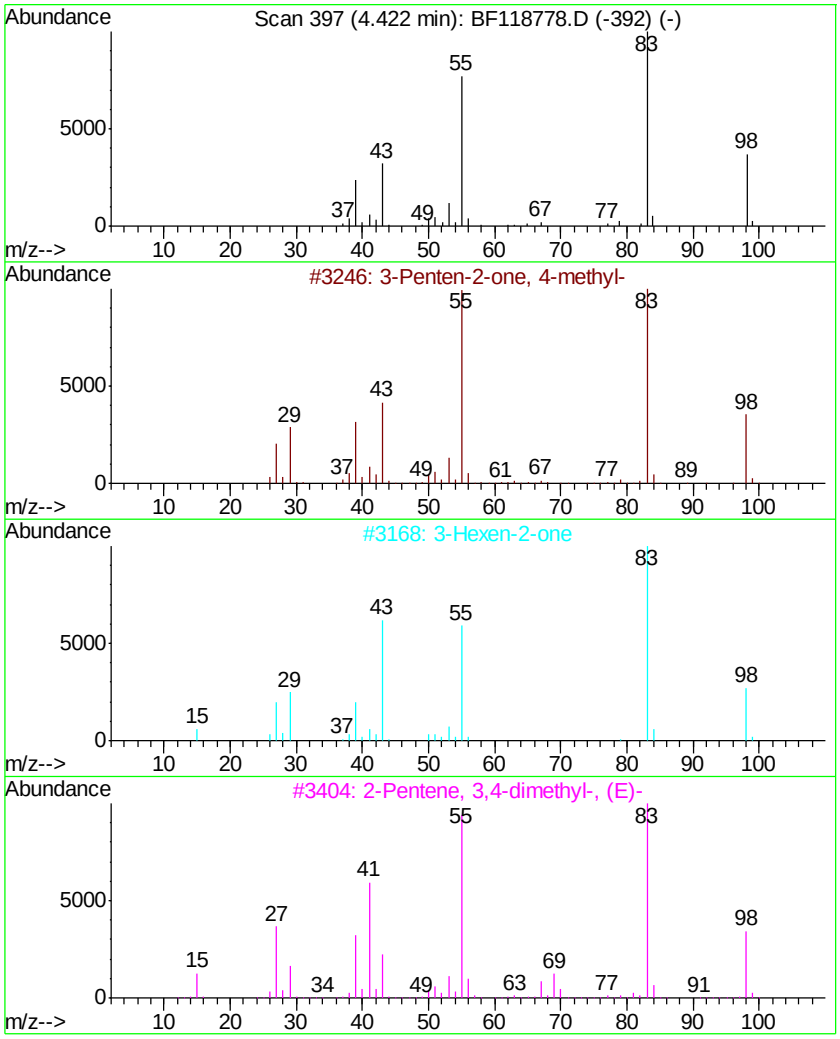
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

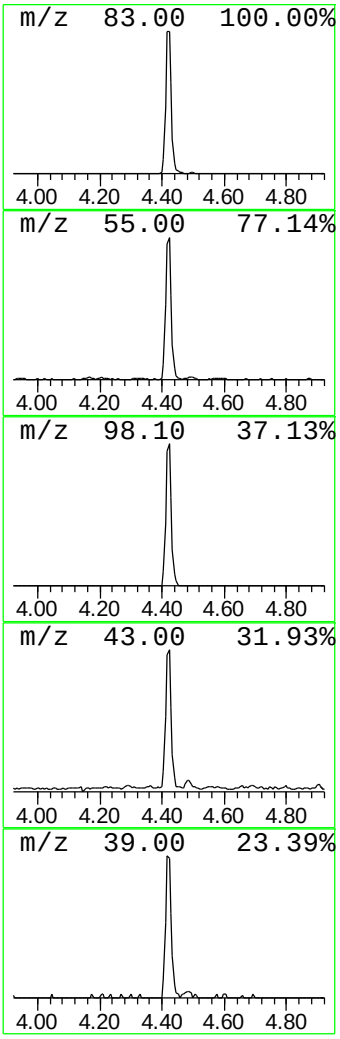
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	2.83 ng	245784	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

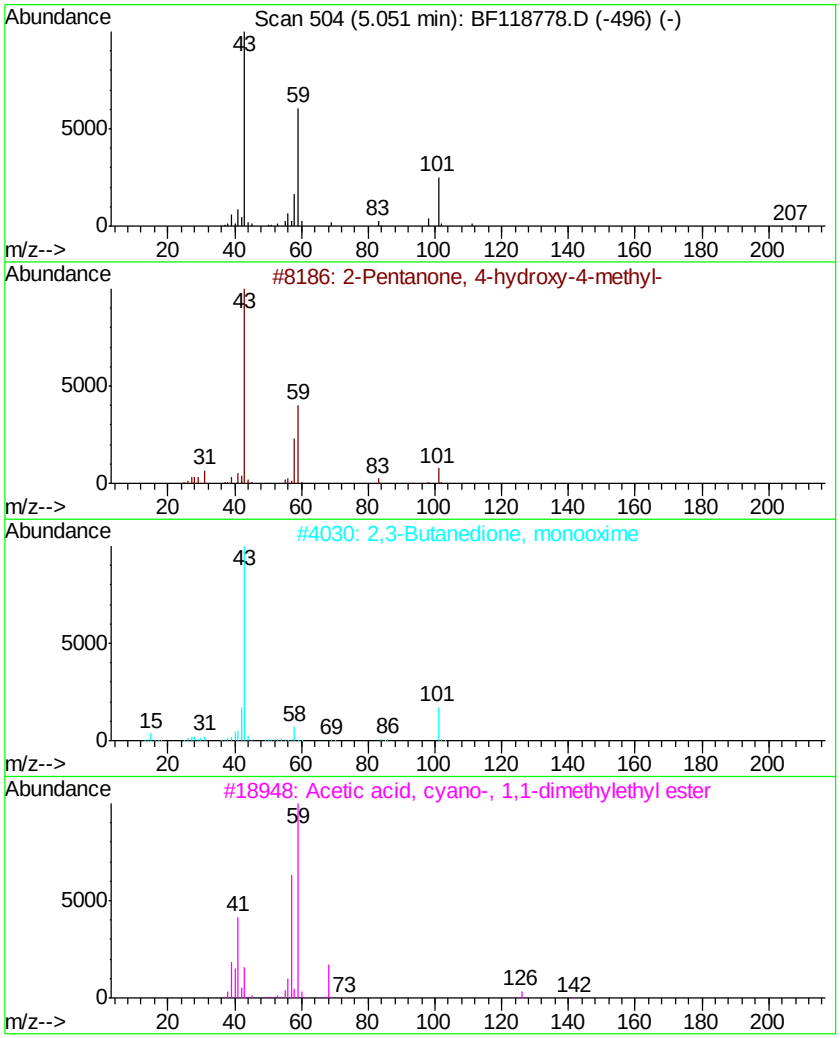
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

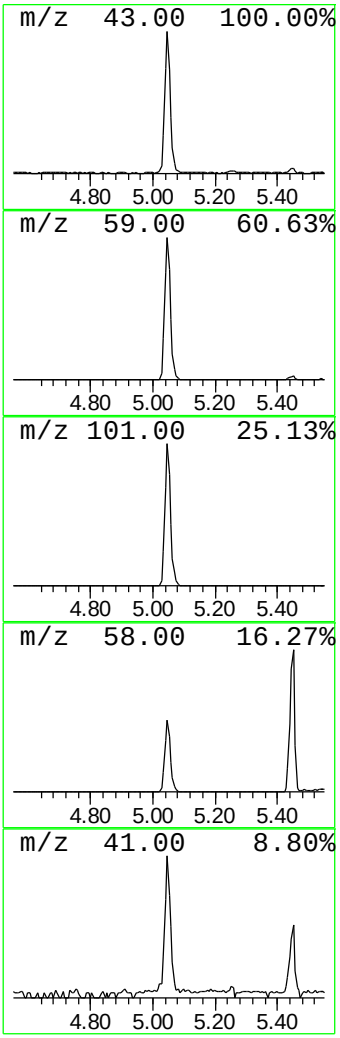
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.53 ng	306374	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

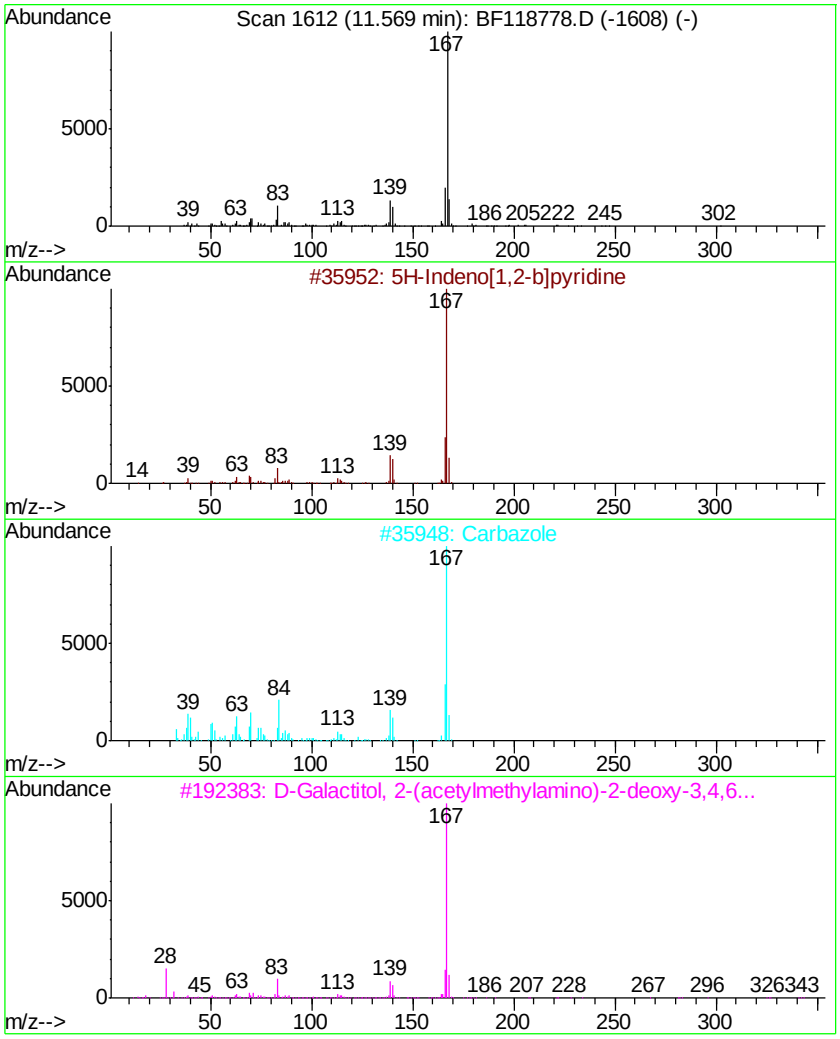
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

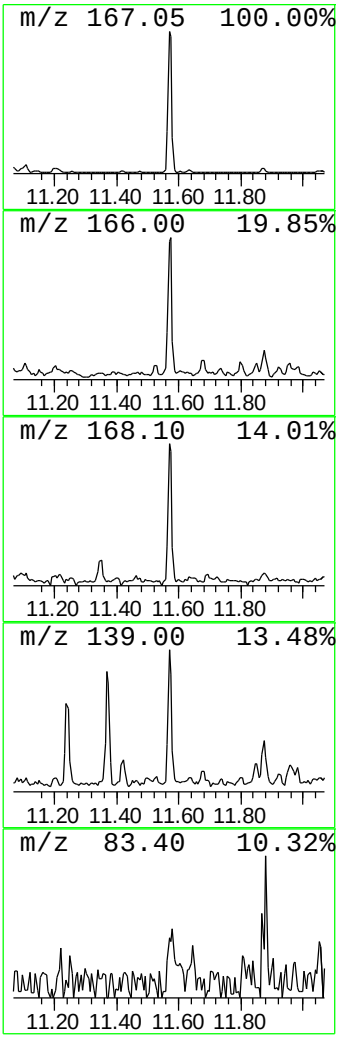
****

Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.37 ng	317595	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	83
3	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	83
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	80
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	74





Library Search Compound Report

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Data File : BF118778.D
Acq On : 31 Jan 2020 13:33
Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

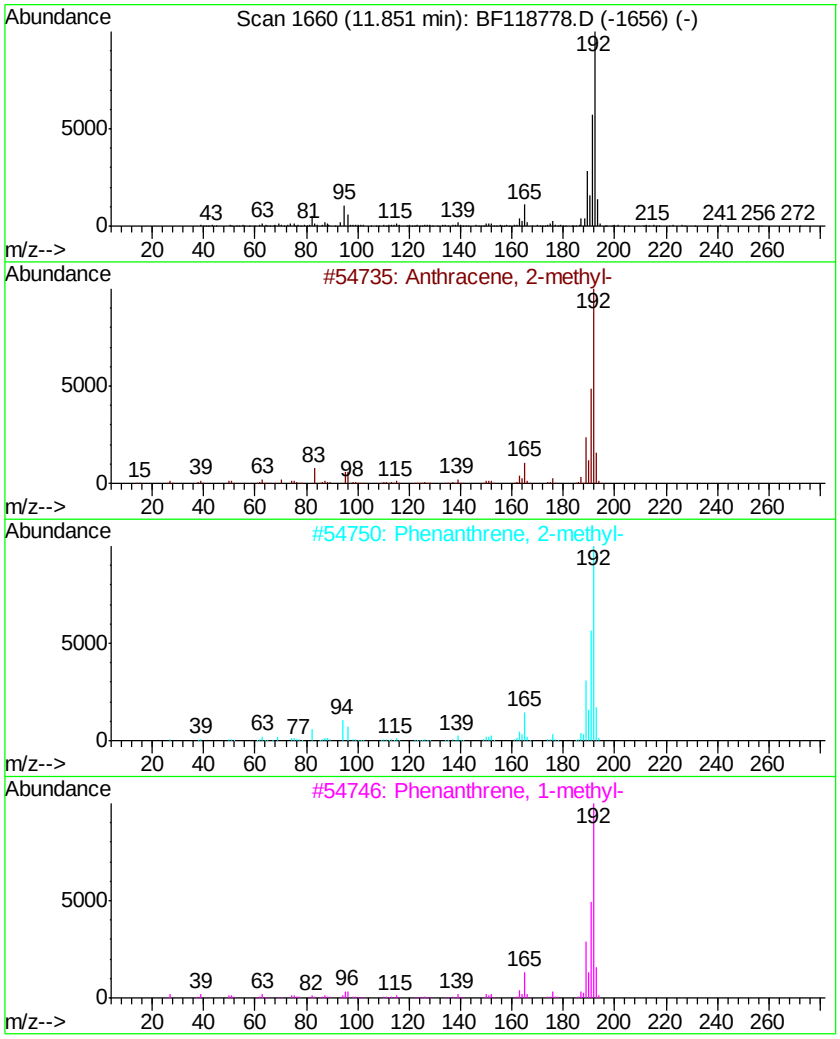
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

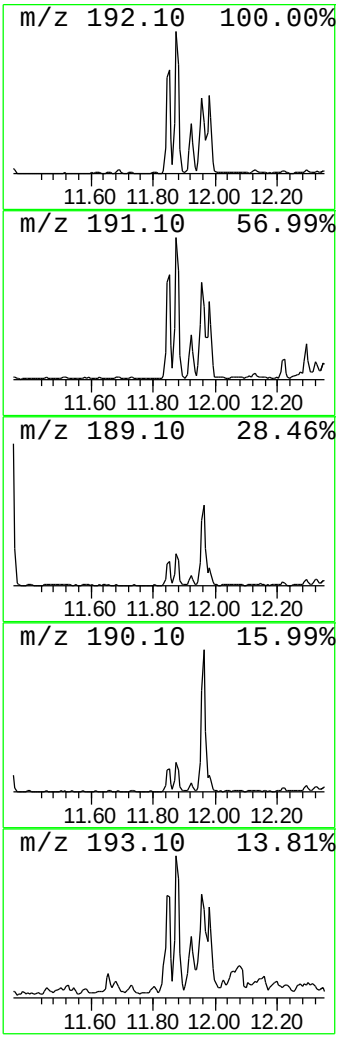
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.62 ng	350896	Phenanthrene-d10	11.35

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	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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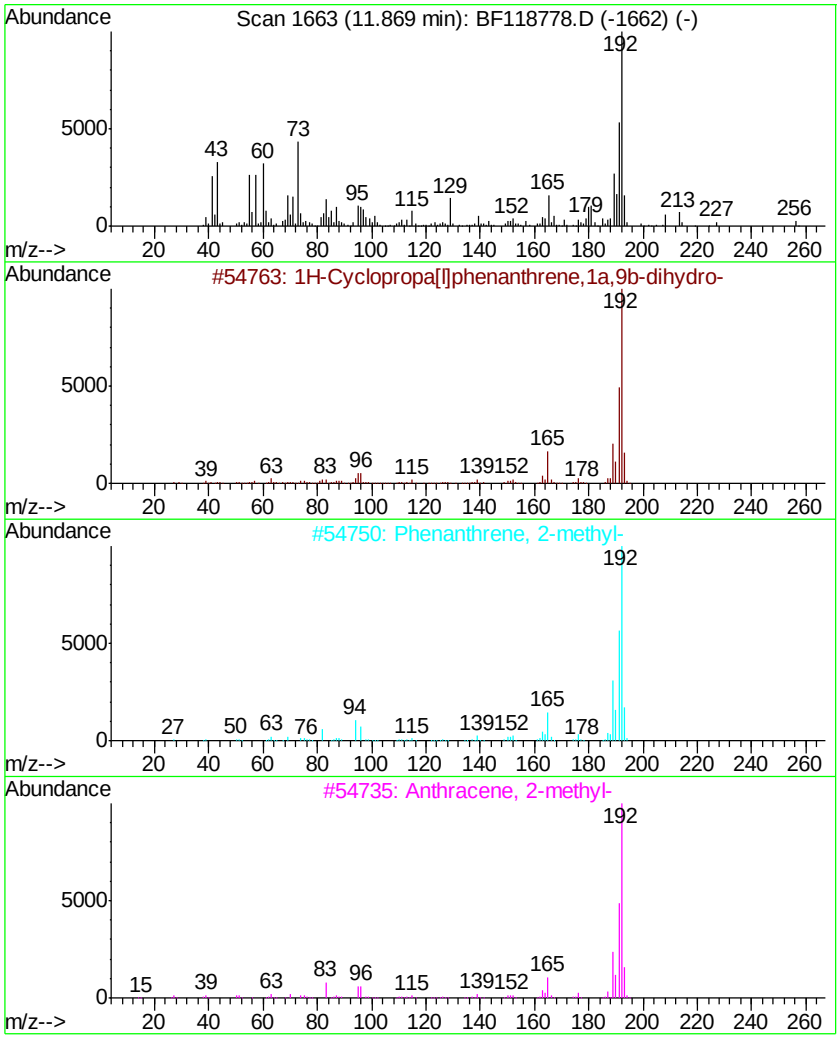
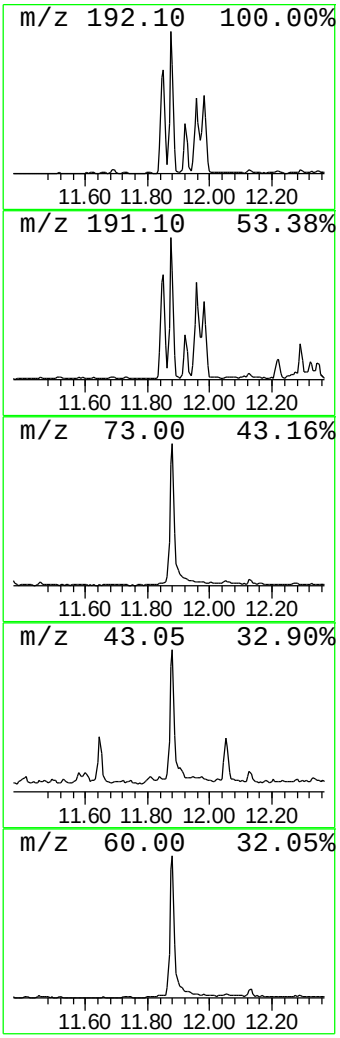
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	7.66 ng	1025840	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Library Search Compound Report

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Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

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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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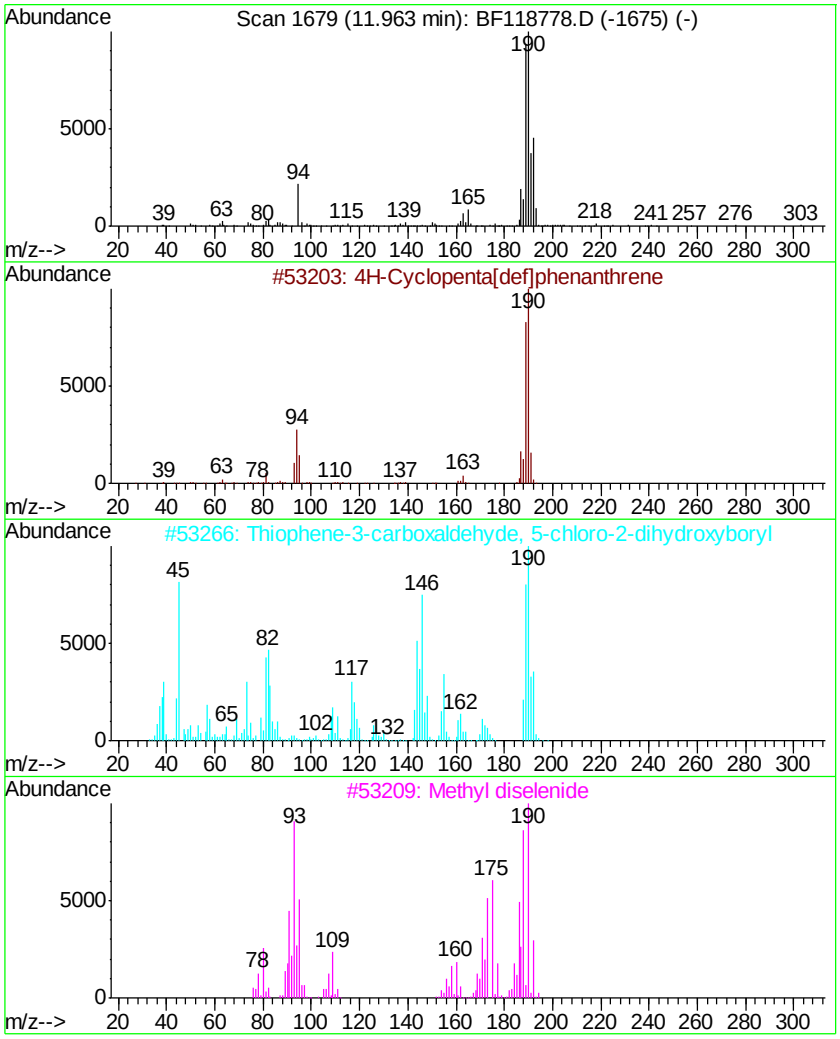
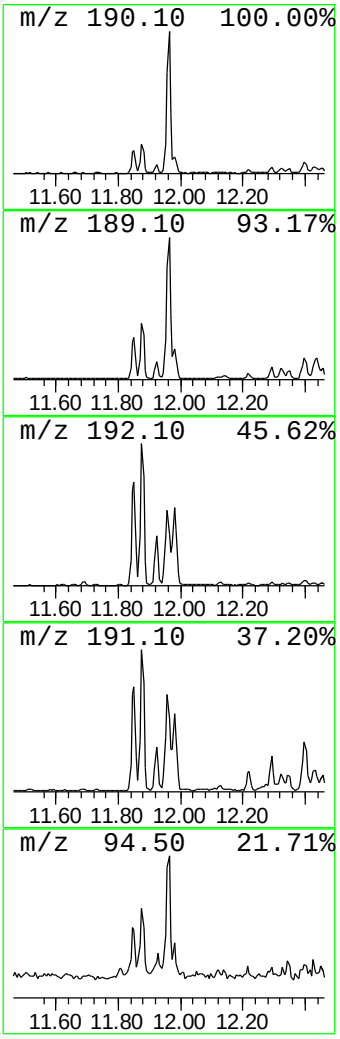
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.88 ng	519626	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25





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Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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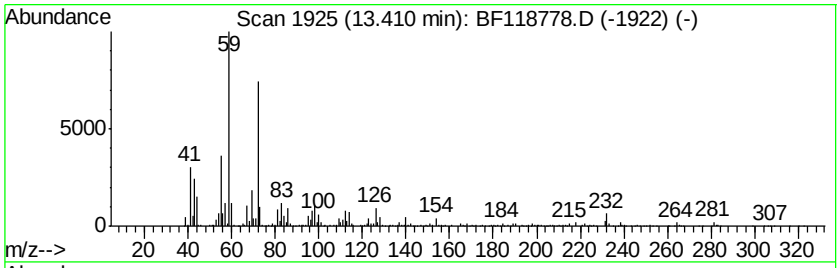
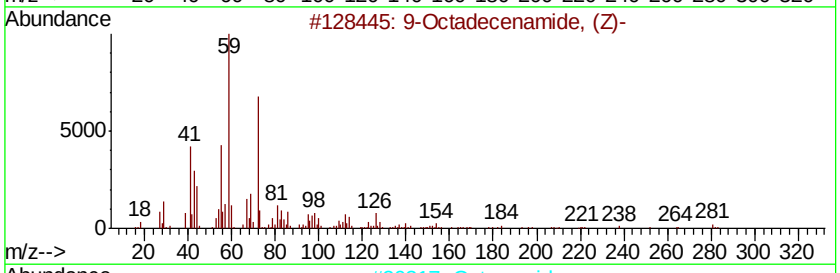
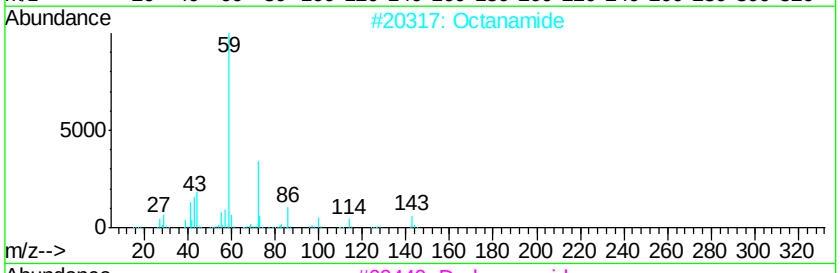
Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 12

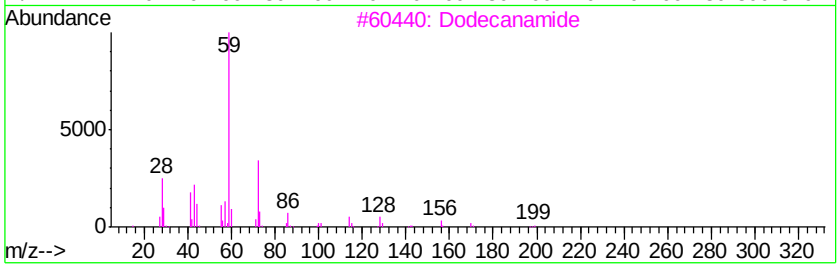
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	5.31 ng	865790	Chrysene-d12	13.99

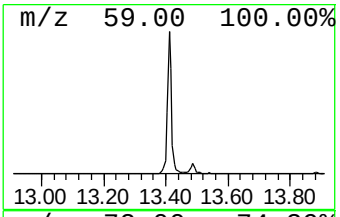
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Octanamide	143	C8H17NO	000629-01-6	43
3	Dodecanamide	199	C12H25NO	001120-16-7	43
4	Nonanamide	157	C9H19NO	001120-07-6	43
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	38

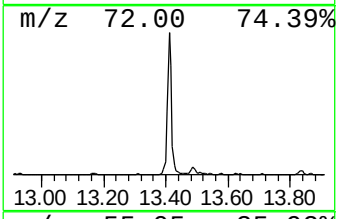


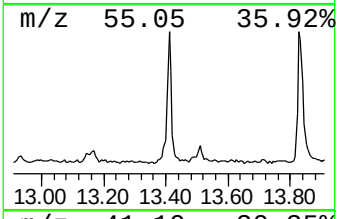


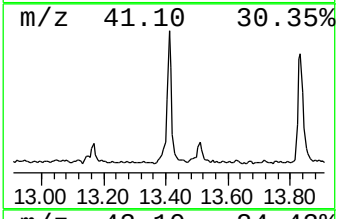


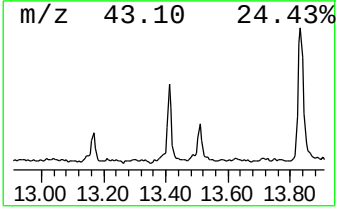












Library Search Compound Report

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Acq On : 31 Jan 2020 13:33
Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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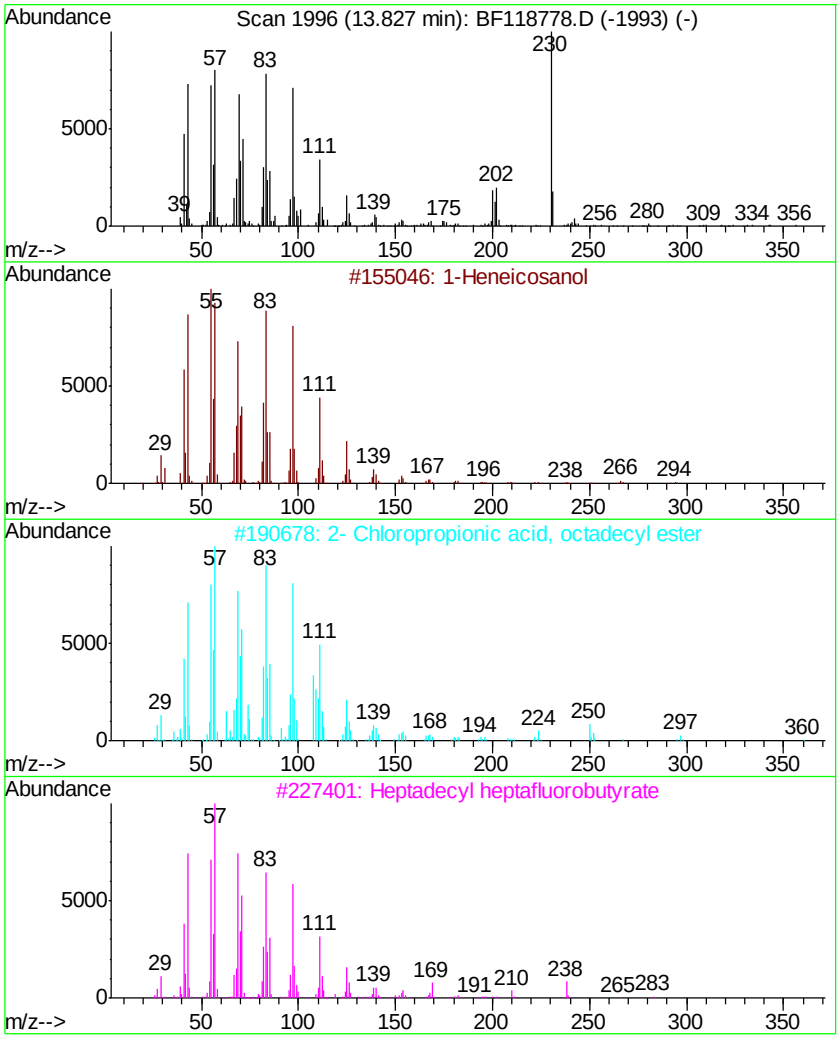
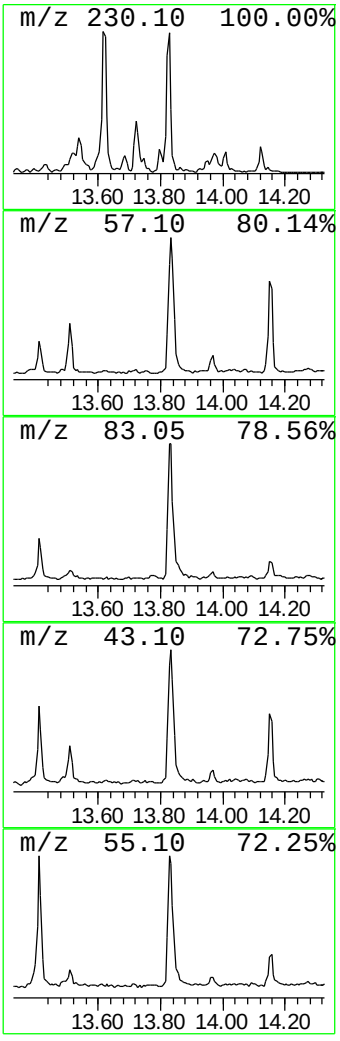
Peak Number 10 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.67 ng	1086250	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	89
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	83
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	83





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Misc :
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Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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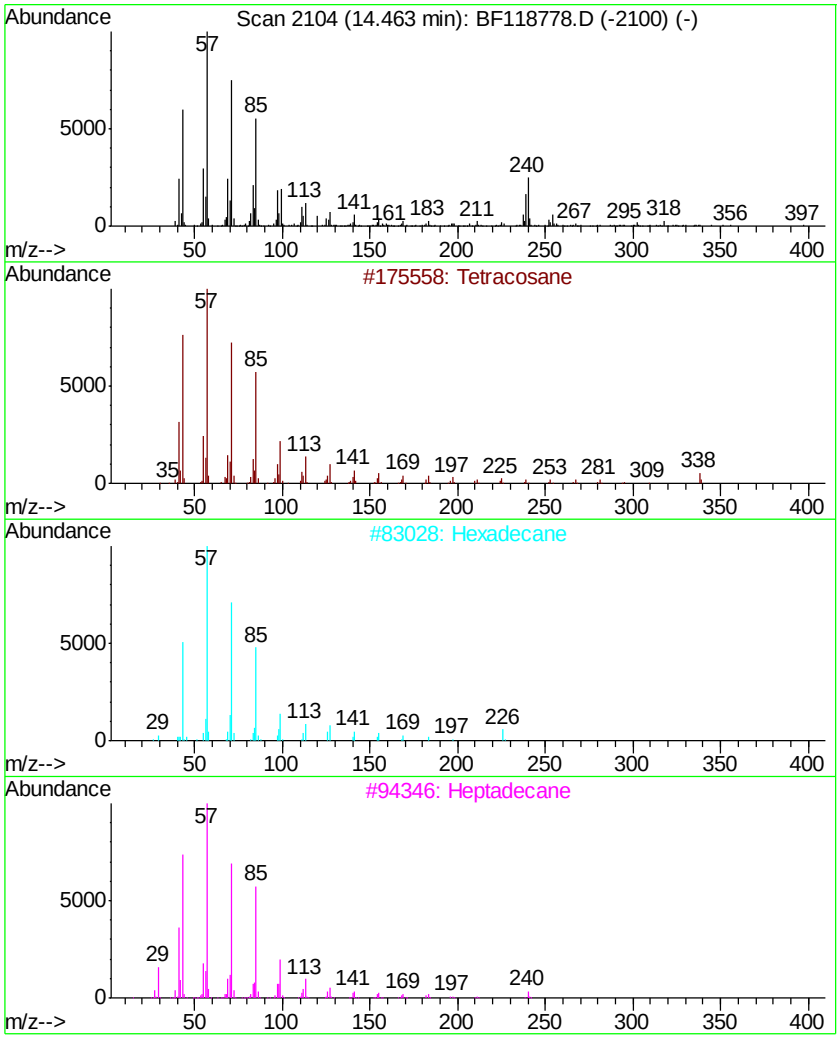
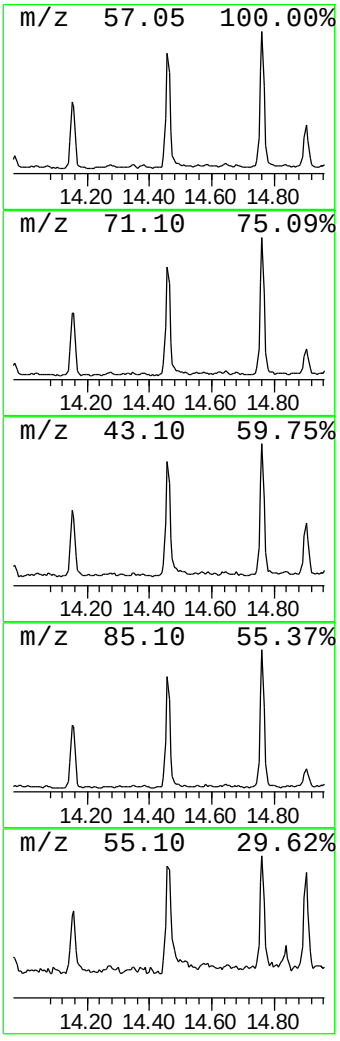
Peak Number 11 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.49 ng	569461	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	92
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

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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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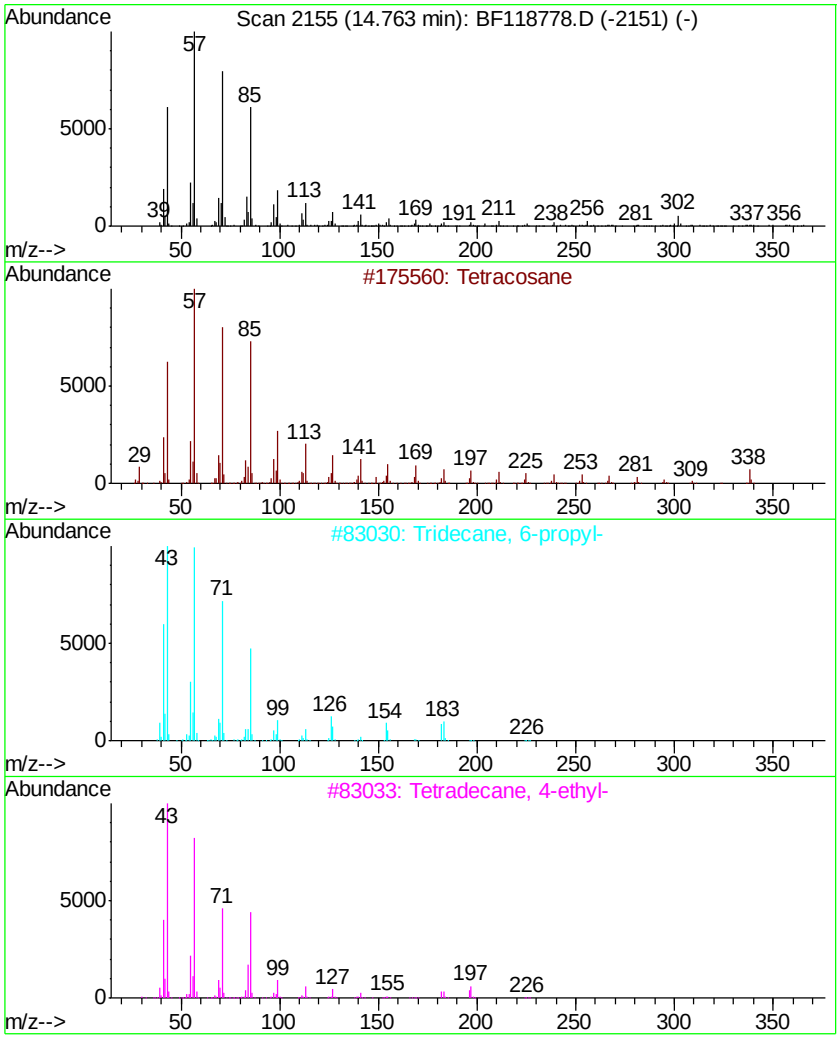
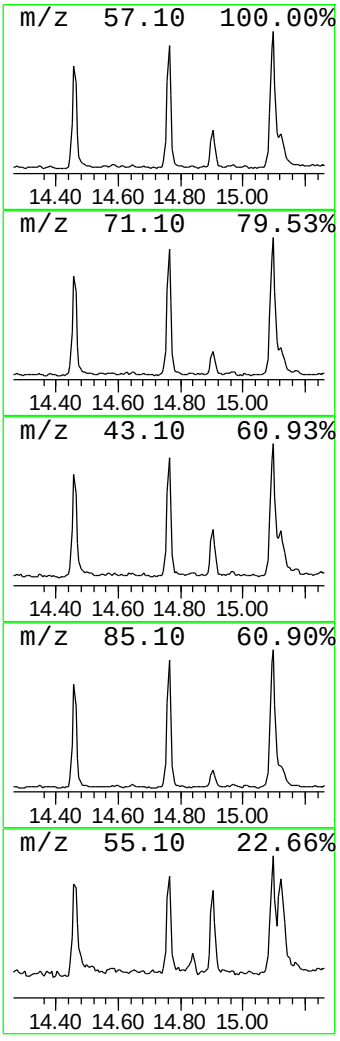
Peak Number 12 Tridecane, 6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	6.22 ng	570823	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Octacosane	394	C28H58	000630-02-4	90





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

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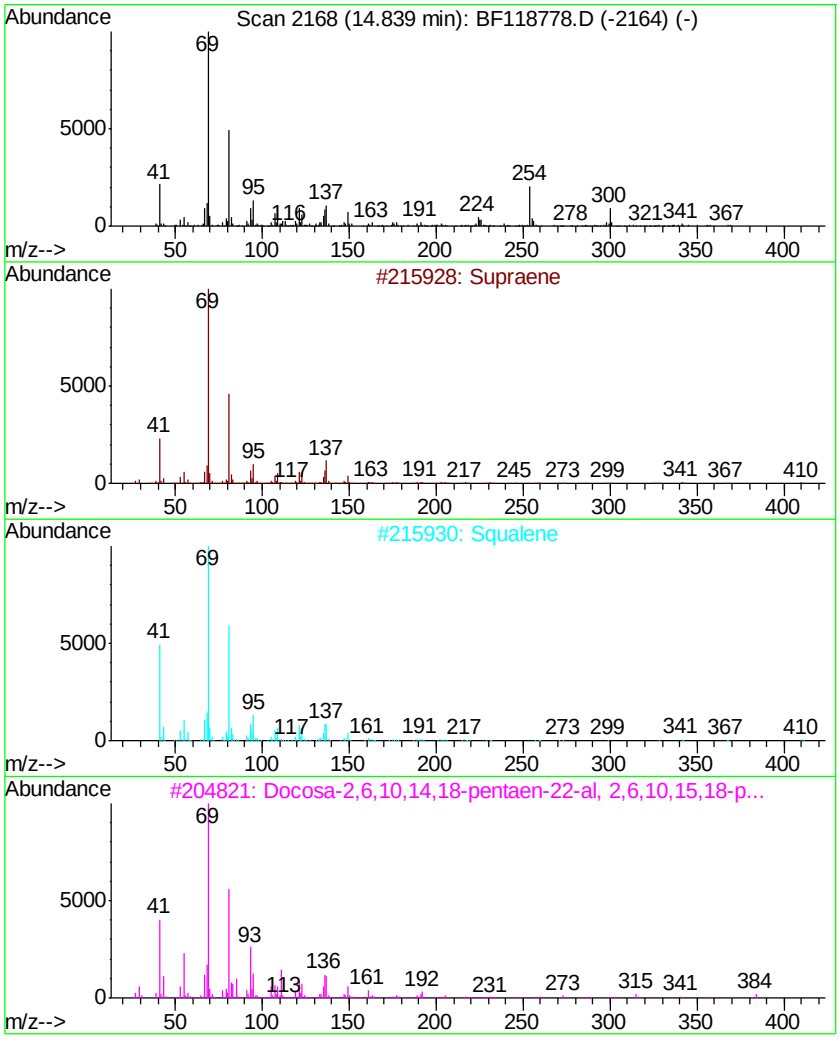
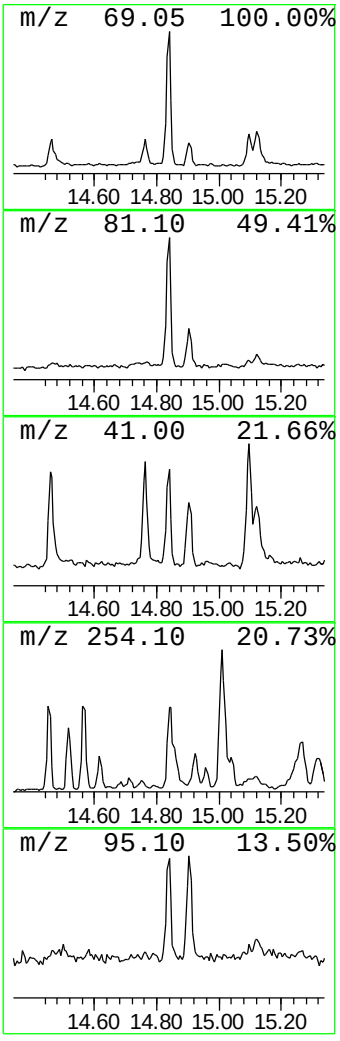
Peak Number 13 Supraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	6.26 ng	574144	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	70
2	Squalene	410	C30H50	000111-02-4	70
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	53
4	Farnesol isomer a	222	C15H26O	1000108-92-4	52
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	50





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ClientSampleId : RAINEY-PARK-BH-06-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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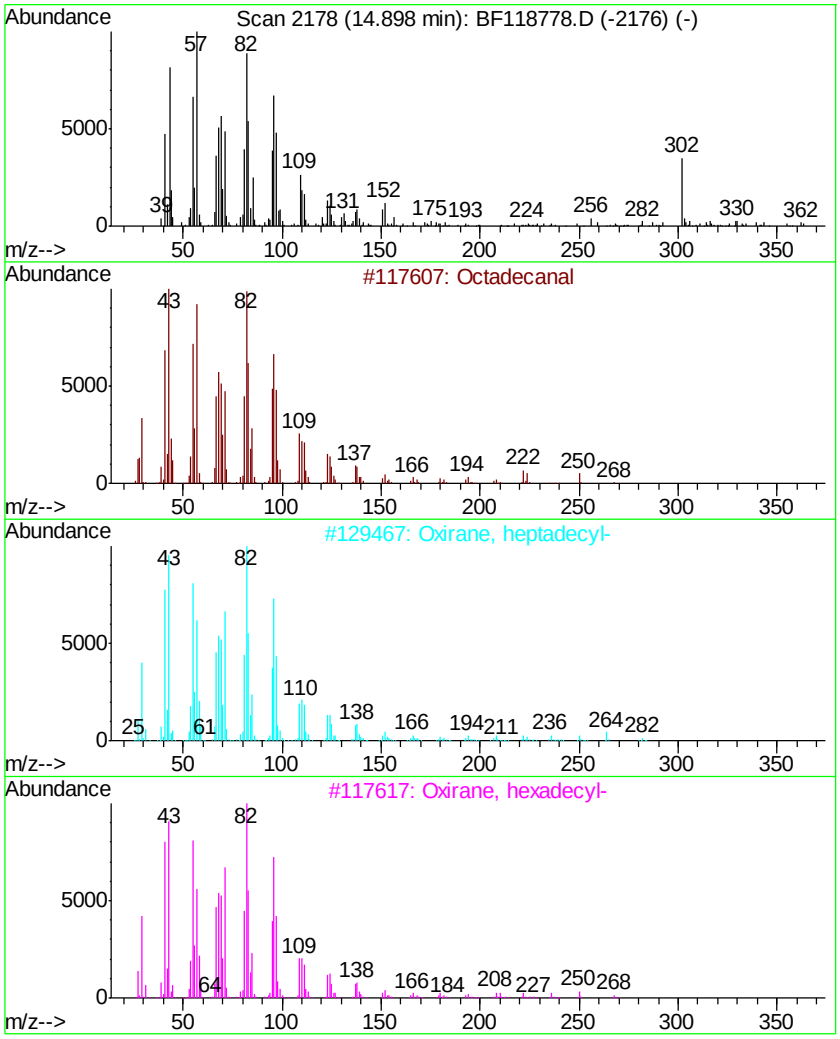
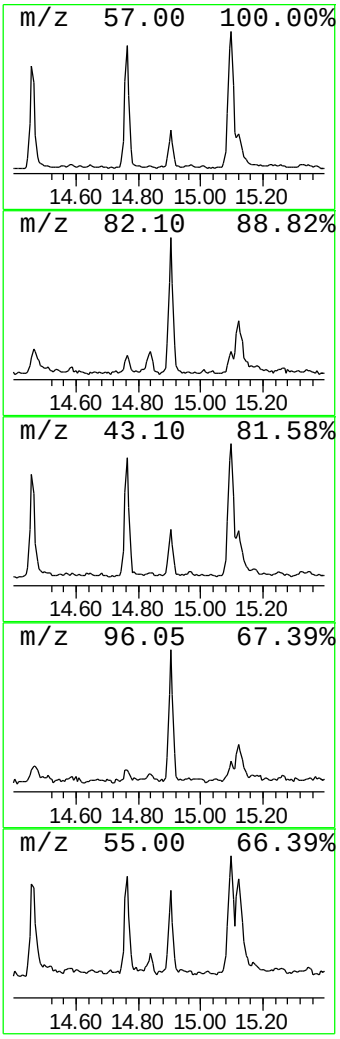
Peak Number 14 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	6.16 ng	565300	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	83
5	Hexadecanal	240	C16H32O	000629-80-1	83





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

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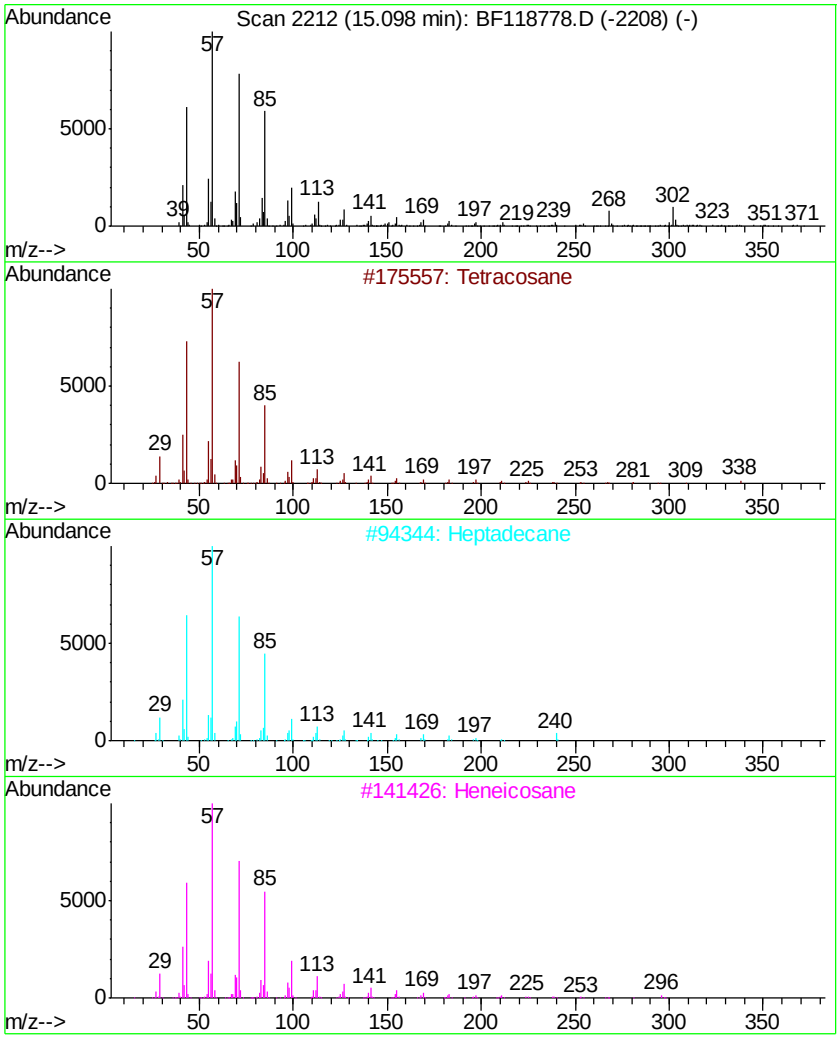
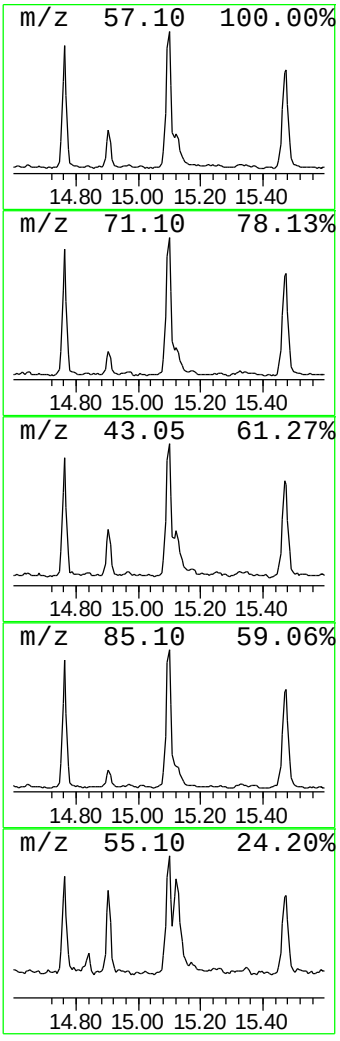
Peak Number 15 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	9.02 ng	827052	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





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

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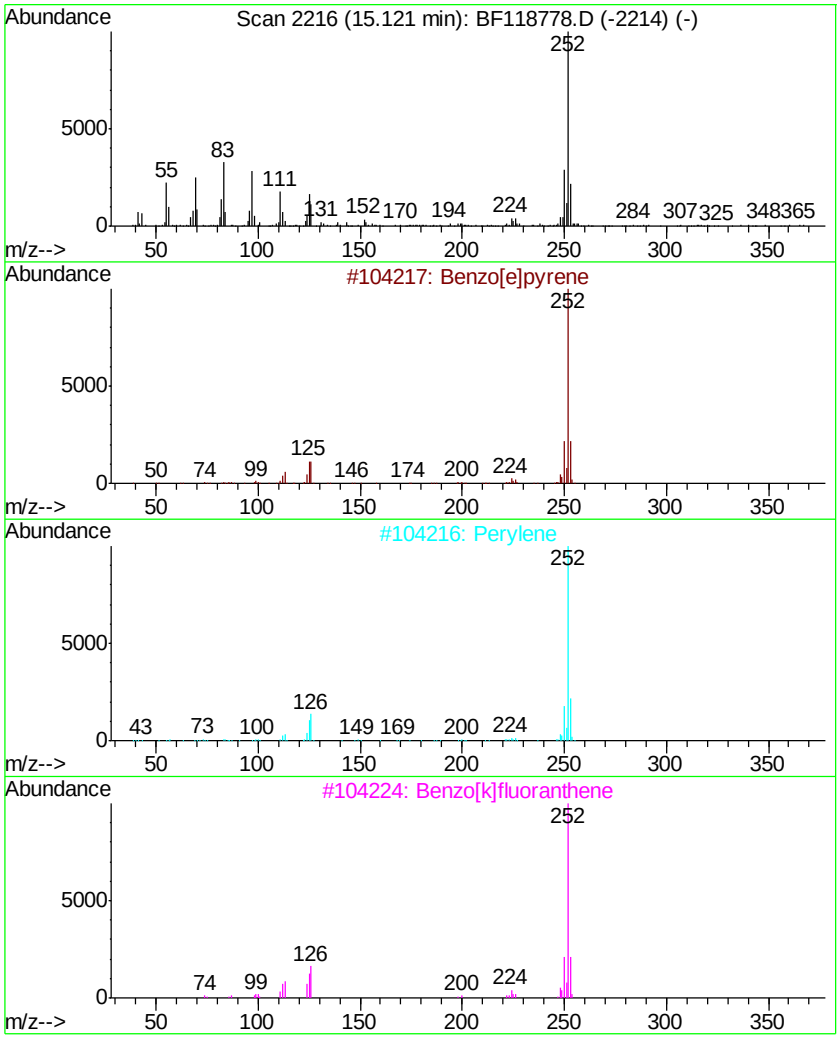
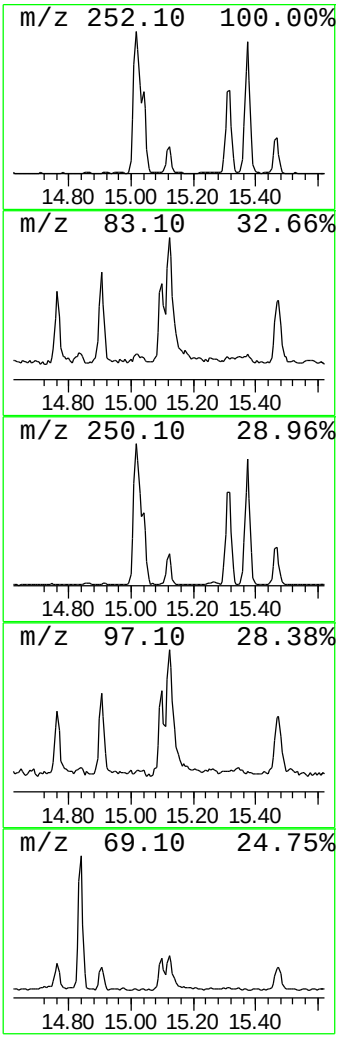
Peak Number 16 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	6.15 ng	564187	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	89
2	Perylene	252	C20H12	000198-55-0	76
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	70
5	Benzo[a]pyrene	252	C20H12	000050-32-8	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118778.D
Acq On : 31 Jan 2020 13:33
Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

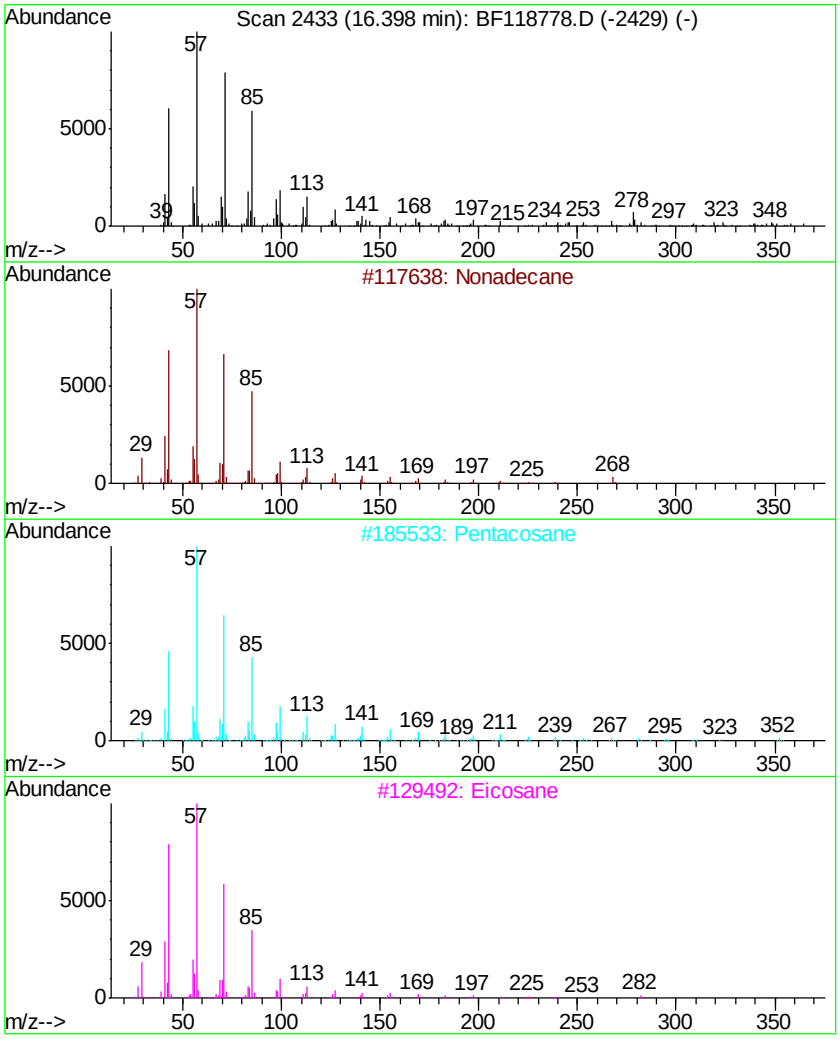
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

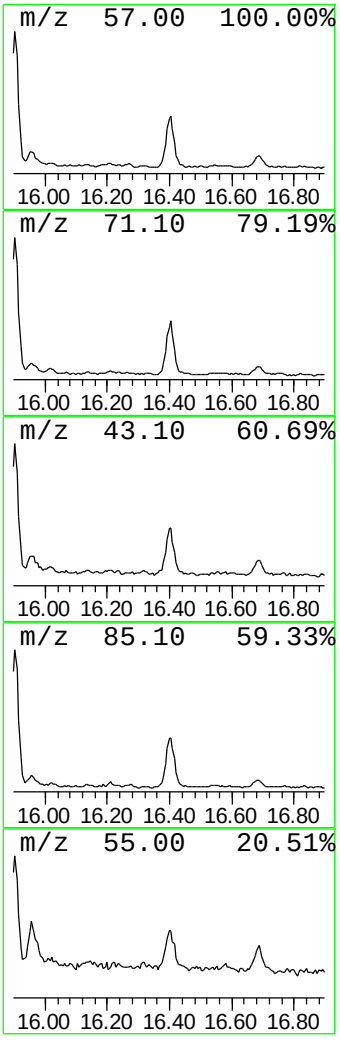
****

Peak Number 19 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.85 ng	261417	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Pentacosane	352	C25H52	000629-99-2	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118778.D
Acq On : 31 Jan 2020 13:33
Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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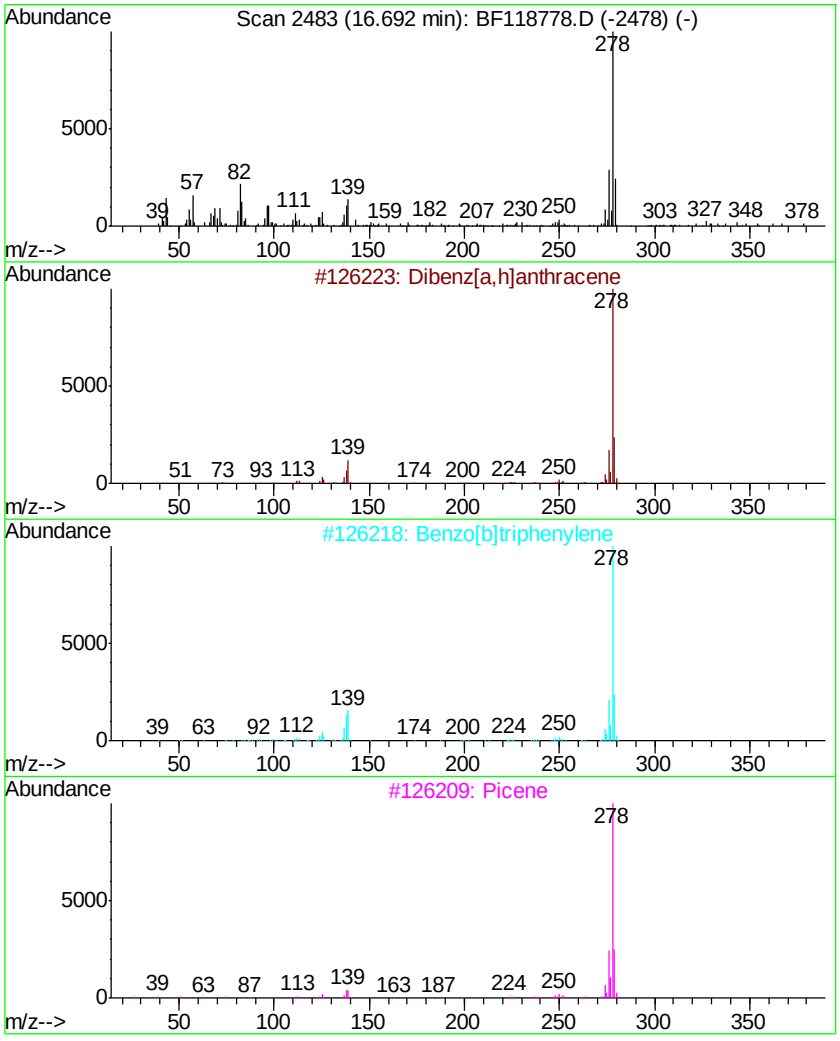
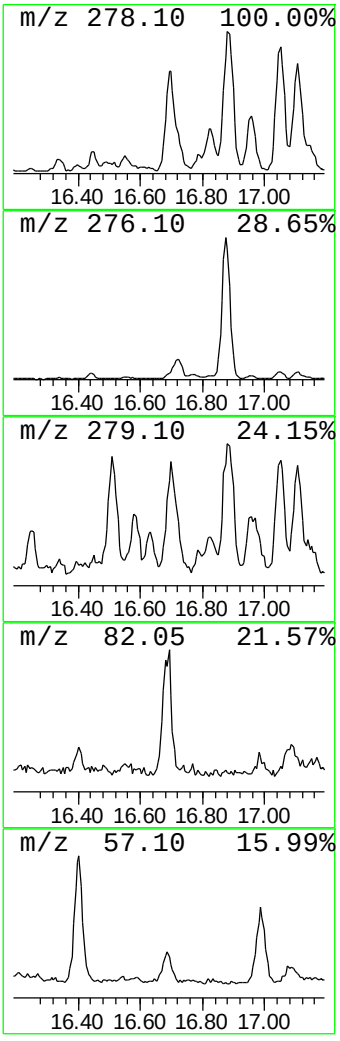
Peak Number 20 Benzo[b]triphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.37 ng	217310	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	89
3	Picene	278	C22H14	000213-46-7	76
4	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	74
5	Benzo[b]chrysene	278	C22H14	000214-17-5	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013120\
Data File : BF118778.D
Acq On : 31 Jan 2020 13:33
Operator : CG/JU
Sample : L1319-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAINEY-PARK-BH-06-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Butane, 2-methoxy...	2.12	8.2	ng	714230	1	6.83	1734870	20.0
3-Penten-2-one, 4...	4.42	2.8	ng	245784	1	6.83	1734870	20.0
2-Pentanone, 4-hy...	5.05	3.5	ng	306374	1	6.83	1734870	20.0
5H-Indeno[1,2-b]p...	11.57	2.4	ng	317595	4	11.35	2676750	20.0
Anthracene, 2-met...	11.85	2.6	ng	350896	4	11.35	2676750	20.0
1H-Cyclopropa[l]p...	11.87	7.7	ng	1025840	4	11.35	2676750	20.0
4H-Cyclopenta[def...	11.96	3.9	ng	519626	4	11.35	2676750	20.0
9-Octadecenamide,...	13.41	5.3	ng	865790	5	13.99	3259430	20.0
1-Heneicosanol	13.83	6.7	ng	1086250	5	13.99	3259430	20.0
Tetracosane	14.46	3.5	ng	569461	5	13.99	3259430	20.0
Tridecane, 6-propyl-	14.76	6.2	ng	570823	6	15.44	1834480	20.0
Supraene	14.84	6.3	ng	574144	6	15.44	1834480	20.0
Octadecanal	14.90	6.2	ng	565300	6	15.44	1834480	20.0
Heptadecane	15.10	9.0	ng	827052	6	15.44	1834480	20.0
Benzo[e]pyrene	15.12	6.2	ng	564187	6	15.44	1834480	20.0
Nonadecane	16.40	2.9	ng	261417	6	15.44	1834480	20.0
Benzo[b]triphenylene	16.69	2.4	ng	217310	6	15.44	1834480	20.0