LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124167.D
Acq On : 7 Jun 2021 20:54
Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124167.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	575	578	585	rVB	243304	208101	43.30%	2.266%
2	6.139	685	689	692	rVB	391818	314349	65.41%	3.423%
3	6.498	747	750	756	rBV	296054	235331	48.96%	2.562%
4	6.563	757	761	764	rVB	85997	65980	13.73%	0.718%
5	6.692	779	783	786	rBV3	18392	17935	3.73%	0.195%
6	6.857	808	811	816	rVB	324061	266315	55.41%	2.900%
7	6.975	828	831	834	rVV	51278	39982	8.32%	0.435%
8	7.416	896	906	909	rBV	206302	181819	37.83%	1.980%
9	7.451	910	912	916	rVB	36819	30823	6.41%	0.336%
10	7.886	983	986	989	rBV3	17874	19486	4.05%	0.212%
11	8.139	1023	1029	1032	rBV	368365	382356	79.56%	4.163%
12	8.163	1032	1033	1036	rVV	110519	63086	13.13%	0.687%
13	8.204	1036	1040	1042	rVB2	19093	17019	3.54%	0.185%
14	8.433	1073	1079	1081	rBV5	12673	16511	3.44%	0.180%
15	8.563	1097	1101	1106	rVV	27188	26431	5.50%	0.288%
16	8.733	1126	1130	1133	rVV	60681	47813	9.95%	0.521%
17	8.857	1148	1151	1155	rVB	56638	44678	9.30%	0.486%
18	8.951	1164	1167	1172	rVV	40602	38085	7.92%	0.415%
19	9.051	1181	1184	1188	rVB4	9492	13415	2.79%	0.146%
20	9.098	1188	1192	1196	rBV2	11926	16167	3.36%	0.176%
21	9.163	1200	1203	1208	rVB3	30327	24723	5.14%	0.269%
22	9.216	1208	1212	1215	rBV	448593	320884	66.77%	3.494%
23	9.298	1221	1226	1228	rBV	77673	62040	12.91%	0.675%
24	9.486	1254	1258	1261	rBV4	26364	36210	7.53%	0.394%
25	9.557	1267	1270	1272	rBV	45700	39867	8.29%	0.434%
26	9.580	1272	1274	1276	rVV	29695	22055	4.59%	0.240%
27	9.616	1276	1280	1283	rVV4	34249	43848	9.12%	0.477%
28	9.674	1287	1290	1296	rVB2	27524	28581	5.95%	0.311%
29	9.757	1302	1304	1311	rBV6	17024	20969	4.36%	0.228%
30	9.827	1313	1316	1319	rVV	74635	56589	11.77%	0.616%
31	9.874	1321	1324	1325	rVV2	17768	15535	3.23%	0.169%
32	9.898	1325	1328	1331	rVV	477923	362548	75.43%	3.947%
33	9.933	1331	1334	1337	rVV	120591	102034	21.23%	1.111%
34	10.004	1343	1346	1349	rBV4	17331	23614	4.91%	0.257%
35	10.057	1352	1355	1358	rVB4	18287	17174	3.57%	0.187%
36	10.104	1358	1363	1366	rBV2	79728	81161	16.89%	0.884%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124167.D
Acq On : 7 Jun 2021 20:54
Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

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-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.139	1366	1369	1374	rVB5	25865	35772	7.44%	0.389%
38	10.210	1379	1381	1384	rBV3	14595	14082	2.93%	0.153%
39	10.304	1394	1397	1399	rBV2	15419	17046	3.55%	0.186%
40	10.327	1399	1401	1403	rVB	68076	46849	9.75%	0.510%
41	10.445	1418	1421	1426	rBV	115739	100561	20.92%	1.095%
42	10.498	1426	1430	1431	rVV3	12487	15094	3.14%	0.164%
43	10.510	1431	1432	1434	rVV2	18507	13935	2.90%	0.152%
44	10.551	1434	1439	1442	rVV5	34143	53952	11.23%	0.587%
45	10.598	1445	1447	1451	rVB4	26250	26556	5.53%	0.289%
46	10.686	1456	1462	1467	rBV	174533	159049	33.09%	1.732%
47	10.798	1479	1481	1482	rBV	56028	43033	8.95%	0.469%
48	10.992	1510	1514	1517	rVV4	45614	52925	11.01%	0.576%
49	11.021	1517	1519	1522	rVB4	20279	16709	3.48%	0.182%
50	11.121	1532	1536	1538	rBV5	12774	20152	4.19%	0.219%
51	11.186	1545	1547	1551	rVB4	13192	17017	3.54%	0.185%
52	11.251	1553	1558	1561	rVV5	50873	64816	13.49%	0.706%
53	11.280	1561	1563	1569	rVB	70270	67721	14.09%	0.737%
54	11.386	1577	1581	1583	rBV	406727	345691	71.93%	3.764%
55	11.410	1583	1585	1589	rVV	580604	455402	94.75%	4.958%
56	11.463	1591	1594	1597	rVV	126478	107191	22.30%	1.167%
57	11.498	1597	1600	1603	rVV4	22189	23729	4.94%	0.258%
58	11.616	1615	1620	1626	rBV2	64312	74289	15.46%	0.809%
59	11.674	1626	1630	1635	rBV3	43424	43018	8.95%	0.468%
60	11.716	1635	1637	1642	rBV6	15134	19487	4.05%	0.212%
61	11.839	1654	1658	1663	rBV8	11737	21061	4.38%	0.229%
62	11.886	1663	1666	1668	rBV	69996	60234	12.53%	0.656%
63	11.916	1668	1671	1674	rVB	93134	80378	16.72%	0.875%
64	11.963	1677	1679	1682	rVB	27767	23449	4.88%	0.255%
65	11.998	1682	1685	1688	rBV	91143	110259	22.94%	1.200%
66	12.086	1697	1700	1702	rVV2	36090	33959	7.07%	0.370%
67	12.186	1713	1717	1719	rBV	41576	41243	8.58%	0.449%
68	12.210	1719	1721	1725	rVB4	13197	13419	2.79%	0.146%
69	12.363	1745	1747	1750	rVB3	21903	21347	4.44%	0.232%
70	12.439	1757	1760	1763	rVV3	34662	31342	6.52%	0.341%
71	12.474	1763	1766	1769	rVV3	52971	59001	12.28%	0.642%
72	12.527	1772	1775	1780	rBV7	24684	39195	8.16%	0.427%
73	12.604	1785	1788	1791	rBV	536784	420972	87.59%	4.583%
74	12.639	1792	1794	1796	rVV3	15219	14702	3.06%	0.160%
75	12.663	1796	1798	1801	rVB4	20333	20288	4.22%	0.221%
76	12.833	1821	1827	1832	rVV	399302	480616	100.00%	5.233%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124167.D
Acq On : 7 Jun 2021 20:54
Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.968	1845	1850	1853	rBV	354200	317995	66.16%	3.462%
78	13.045	1861	1863	1867	rVB3	21198	27456	5.71%	0.299%
79	13.104	1871	1873	1875	rBV3	15746	14600	3.04%	0.159%
80	13.157	1879	1882	1885	rVB2	58056	52753	10.98%	0.574%
81	13.204	1887	1890	1892	rBV	53175	46924	9.76%	0.511%
82	13.221	1892	1893	1897	rVB2	51865	45753	9.52%	0.498%
83	13.262	1897	1900	1903	rBV5	40630	50375	10.48%	0.548%
84	13.386	1919	1921	1924	rVB3	19454	12870	2.68%	0.140%
85	13.445	1928	1931	1935	rBV2	108098	113505	23.62%	1.236%
86	13.545	1945	1948	1951	rBV	74653	66415	13.82%	0.723%
87	13.668	1967	1969	1974	rVB4	29039	29108	6.06%	0.317%
88	13.833	1995	1997	1999	rBV2	26044	28183	5.86%	0.307%
89	13.874	2001	2004	2008	rVB	96067	87204	18.14%	0.949%
90	14.009	2023	2027	2028	rBV	294082	288062	59.94%	3.136%
91	14.033	2028	2031	2033	rVV2	353760	420324	87.46%	4.576%
92	14.057	2033	2035	2040	rVB	155522	144837	30.14%	1.577%
93	14.139	2046	2049	2051	rBV3	36959	33363	6.94%	0.363%
94	14.192	2055	2058	2061	rVB2	65791	61369	12.77%	0.668%
95	14.498	2108	2110	2115	rVB3	74313	71472	14.87%	0.778%
96	14.809	2160	2163	2167	rBV3	48265	60945	12.68%	0.664%
97	15.080	2206	2209	2212	rBV	93027	125860	26.19%	1.370%
98	15.386	2259	2261	2266	rVB2	63591	65921	13.72%	0.718%
99	15.451	2269	2272	2277	rVV	88366	112911	23.49%	1.229%
100	15.515	2279	2283	2293	rVB3	176764	297509	61.90%	3.239%

Sum of corrected areas: 9184769

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Data File : BF124167.D
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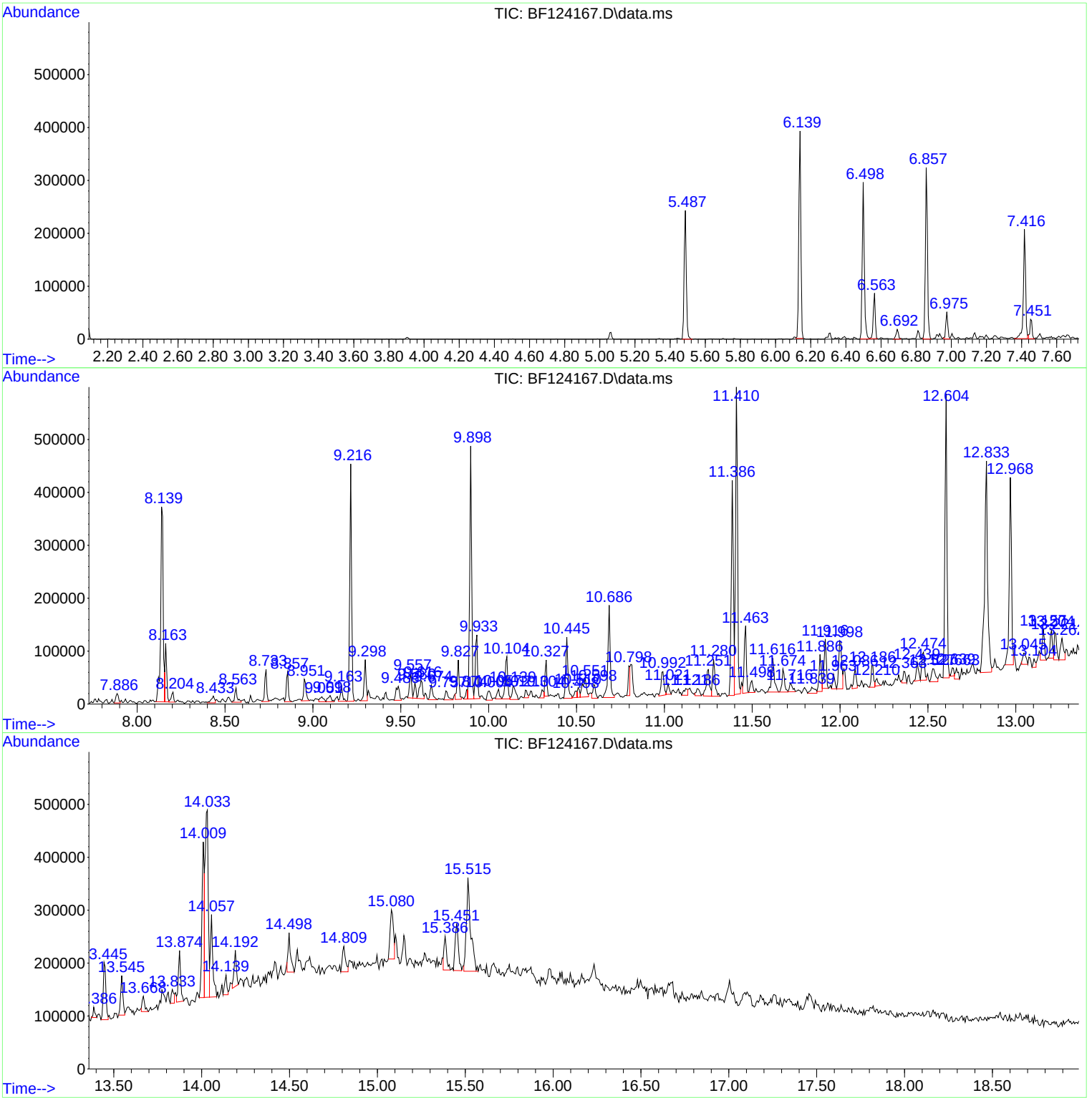
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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\BF060721\
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Acq On : 7 Jun 2021 20:54
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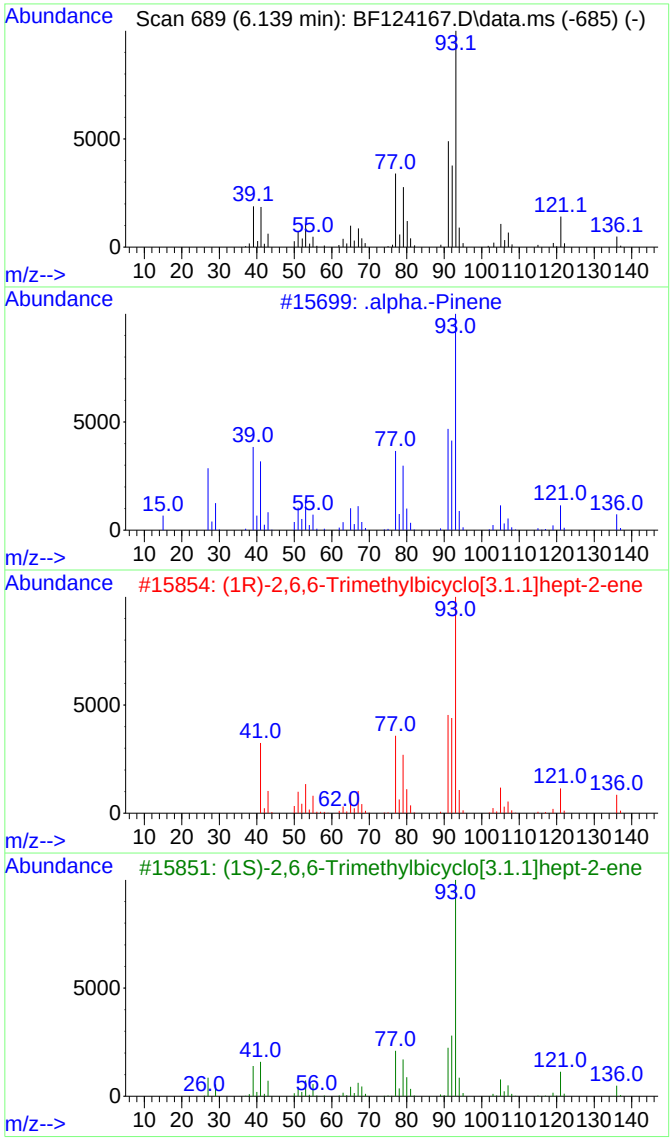
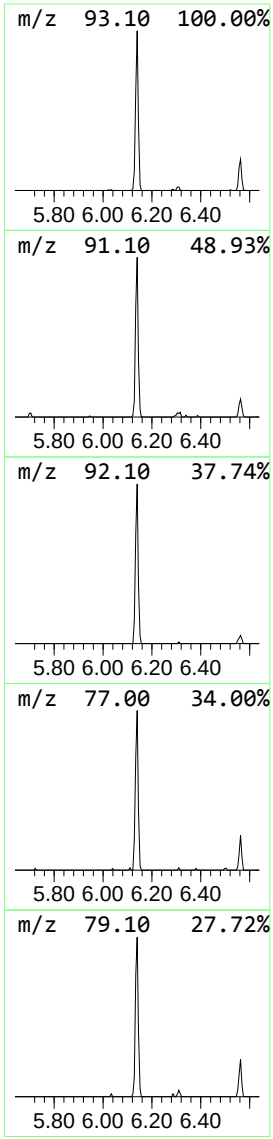
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.139	23.61 ng	314349	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5	3-Carene	136	C10H16	013466-78-9	91





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B11(2-4)

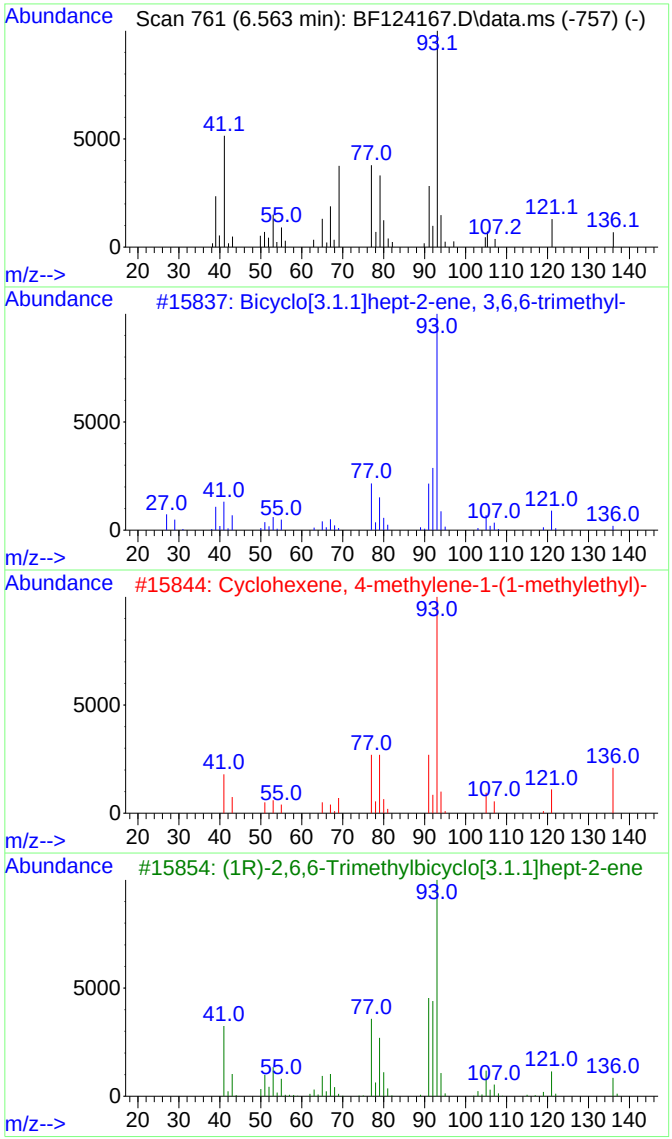
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

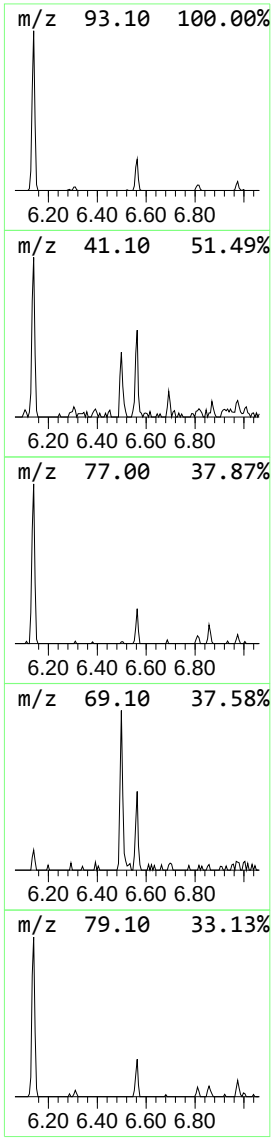
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	4.96 ng	65980	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
2	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
4	Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	86
5	.alpha.-Pinene	136	C10H16	000080-56-8	86





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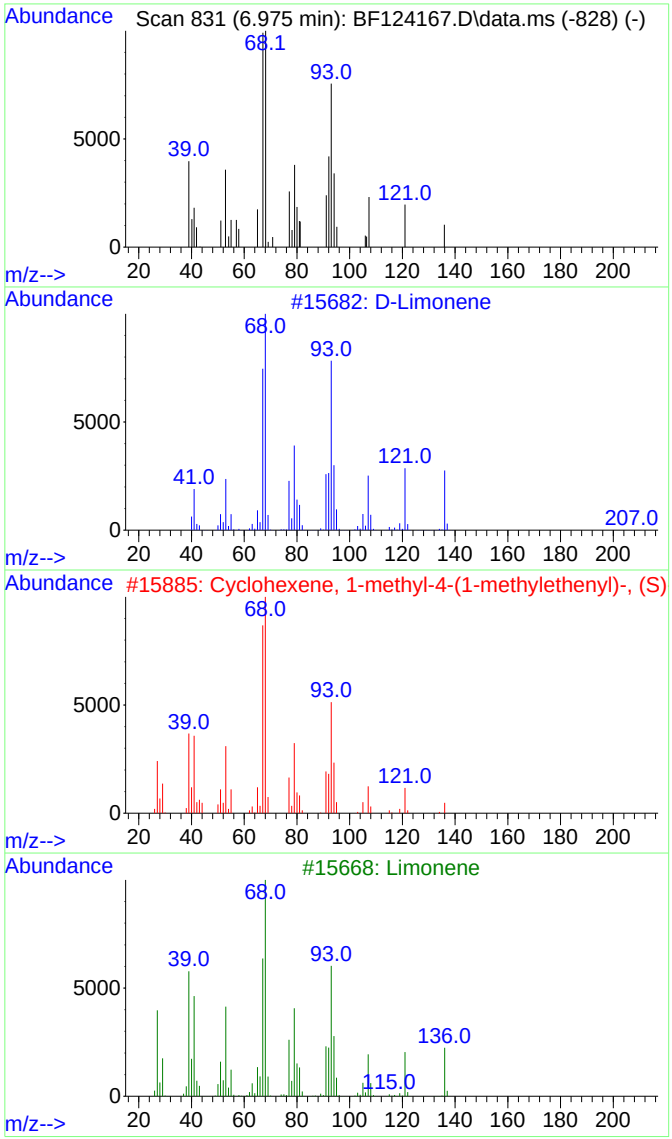
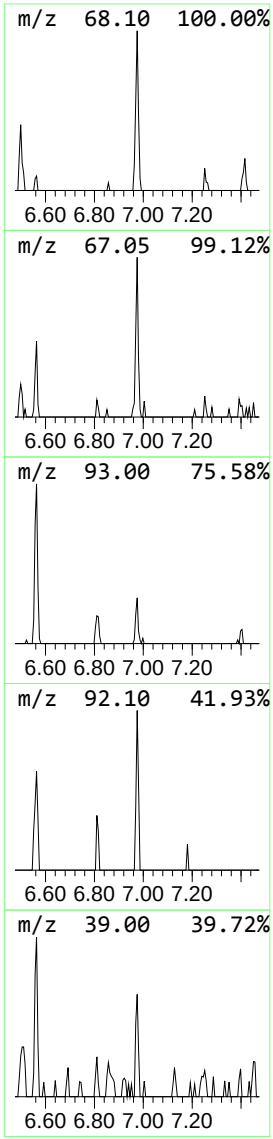
****

Peak Number 3 D-Limonene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	3.00 ng	39982	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	93
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	87
3	Limonene	136	C10H16	000138-86-3	76
4	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	59
5	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	53





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Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

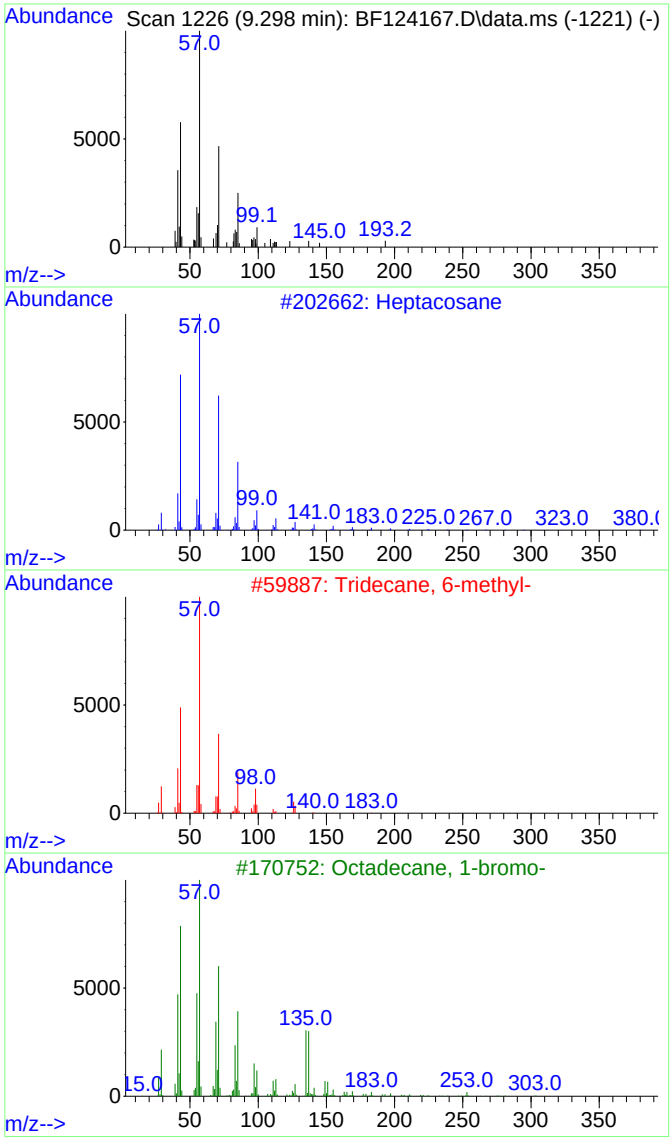
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

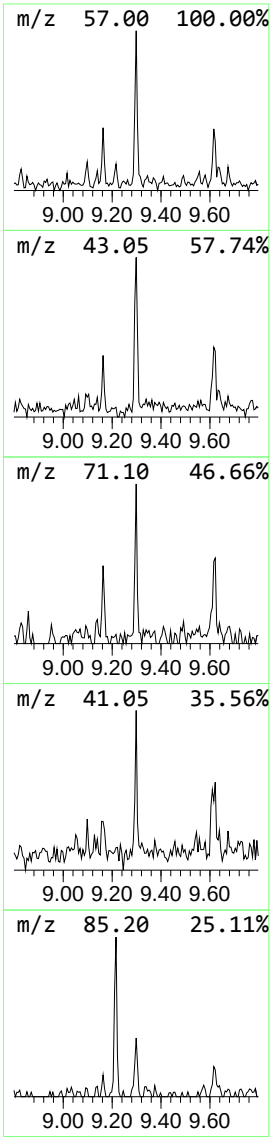
****

Peak Number 4 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	3.42 ng	62040	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124167.D
Acq On : 7 Jun 2021 20:54
Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

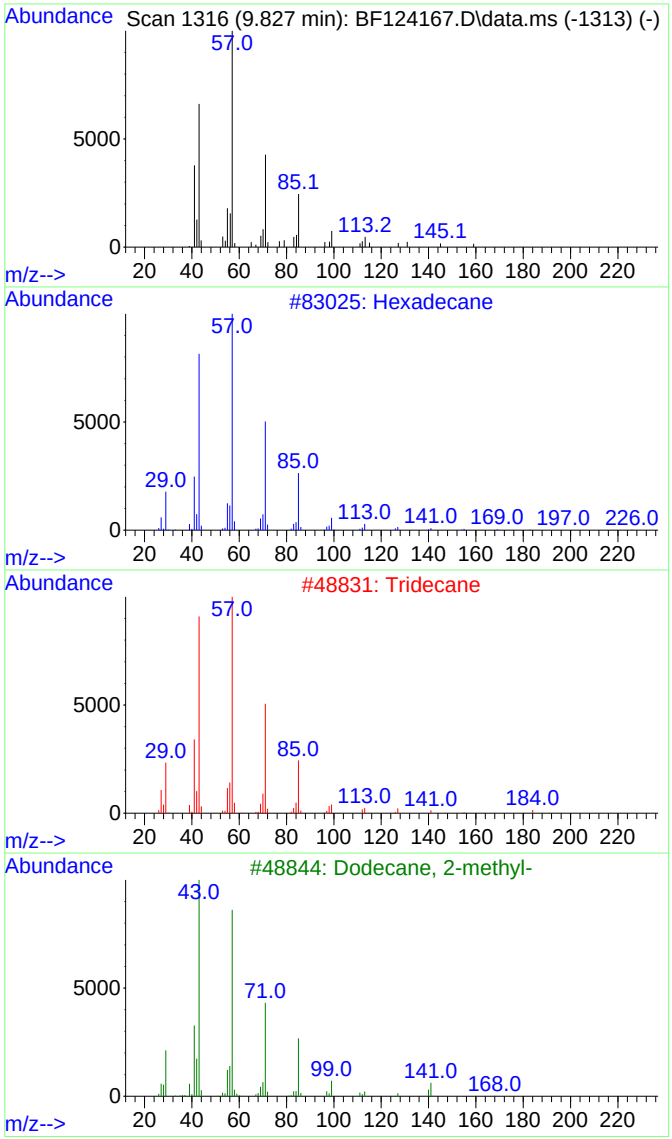
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

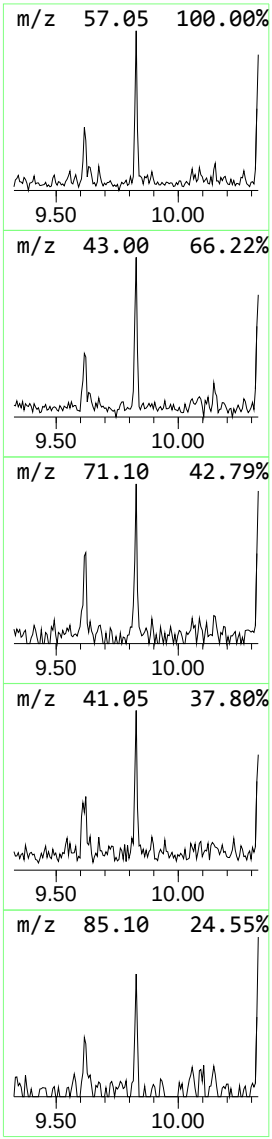
****

Peak Number 5 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.827	3.12 ng	56589	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	78
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72





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Acq On : 7 Jun 2021 20:54
Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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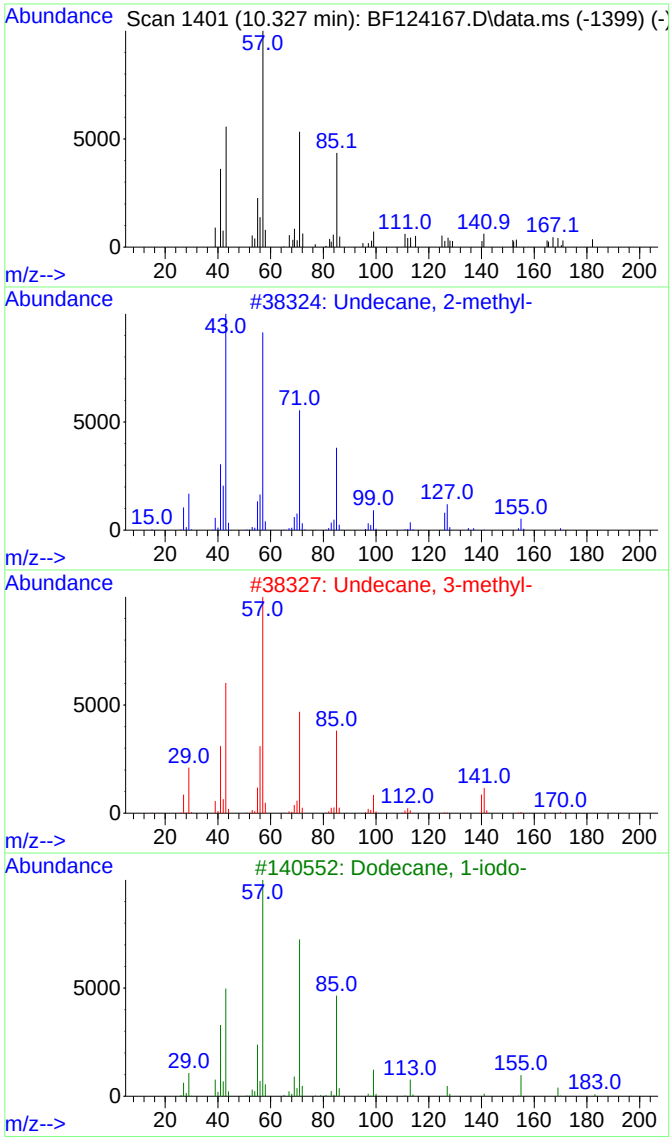
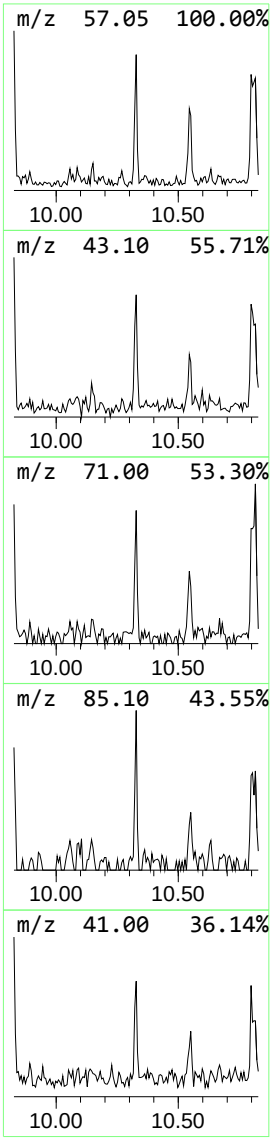
Peak Number 6 Undecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.327	2.58 ng	46849	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59
4	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	50
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50





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Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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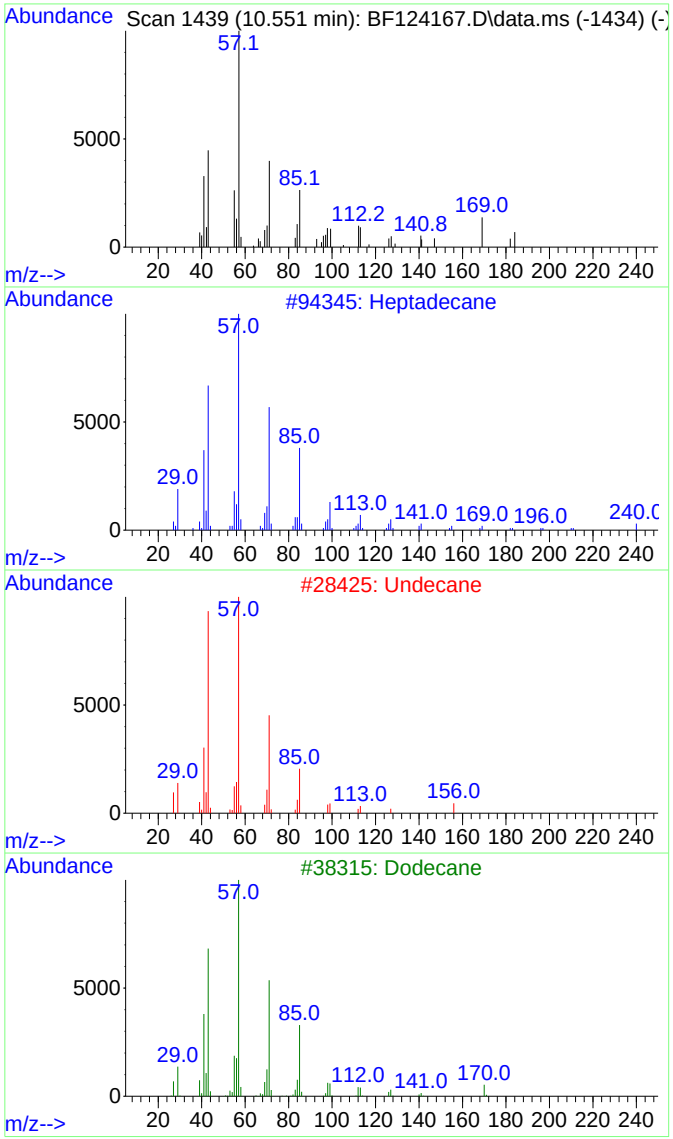
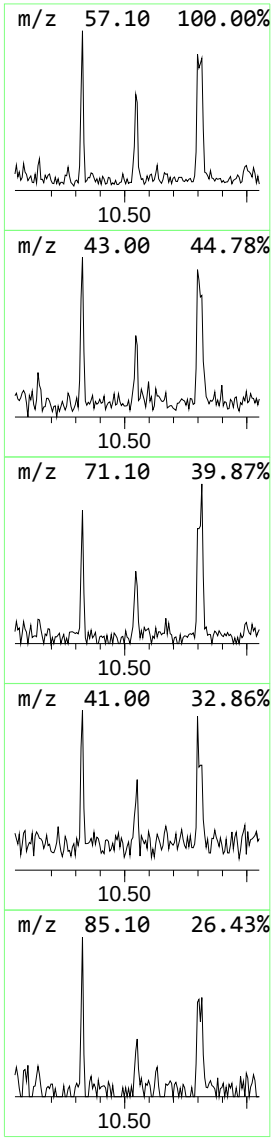
Peak Number 7 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	2.98 ng	53952	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	53
2	Undecane	156	C11H24	001120-21-4	53
3	Dodecane	170	C12H26	000112-40-3	53
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	52
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	50





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Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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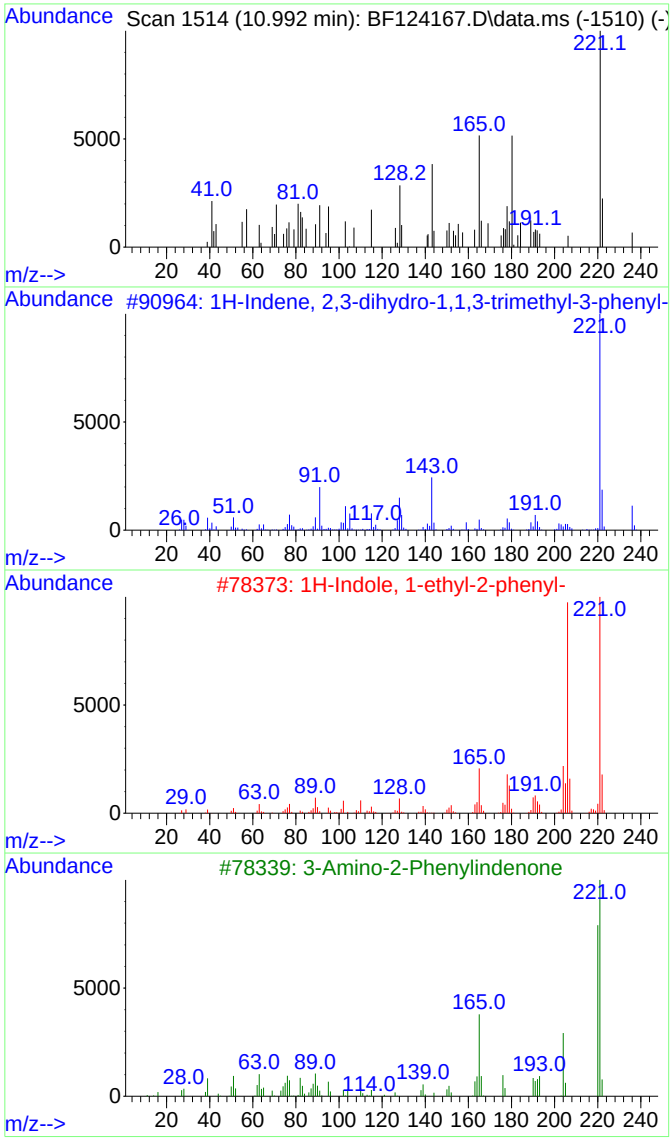
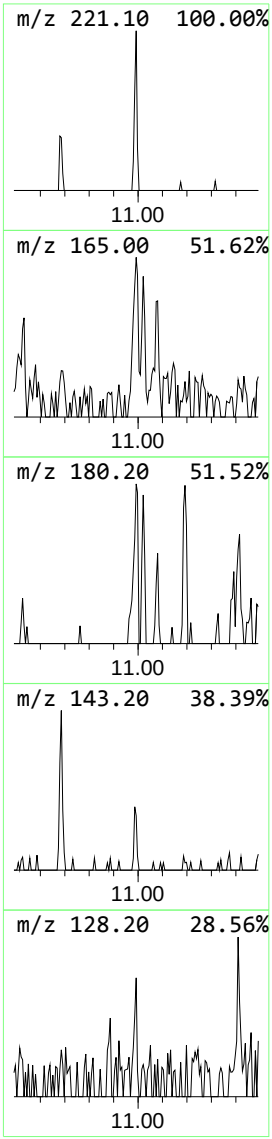
Peak Number 8 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	3.06 ng	52925	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	64
2	1H-Indole, 1-ethyl-2-phenyl-	221	C16H15N	013228-39-2	46
3	3-Amino-2-Phenylindenone	221	C15H11NO	001947-47-3	42
4	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	38
5	4(1H)-Quinolinone, 2-phenyl-	221	C15H11NO	014802-18-7	30





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Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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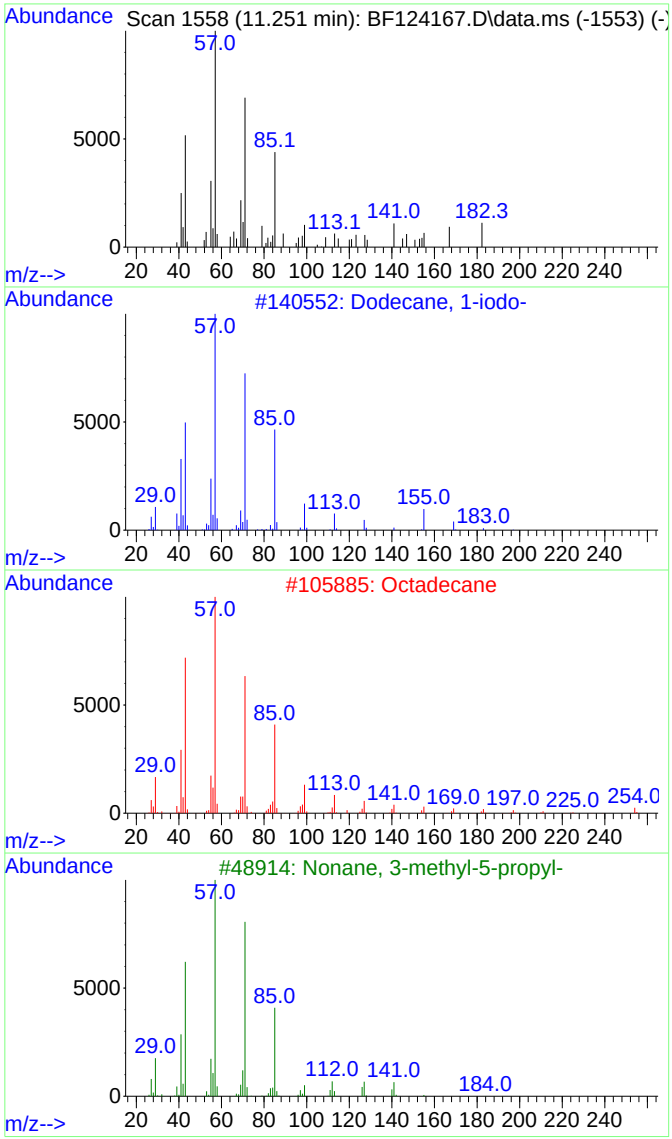
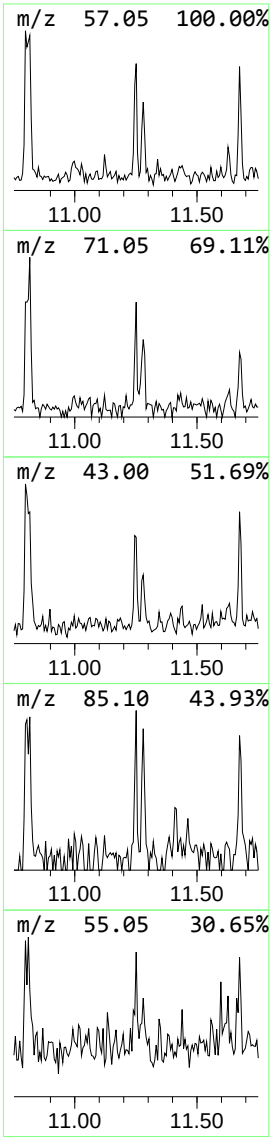
Peak Number 9 Dodecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	3.75 ng	64816	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
2	Octadecane	254	C18H38	000593-45-3	59
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
4	Heptacosane	380	C27H56	000593-49-7	59
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59





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Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

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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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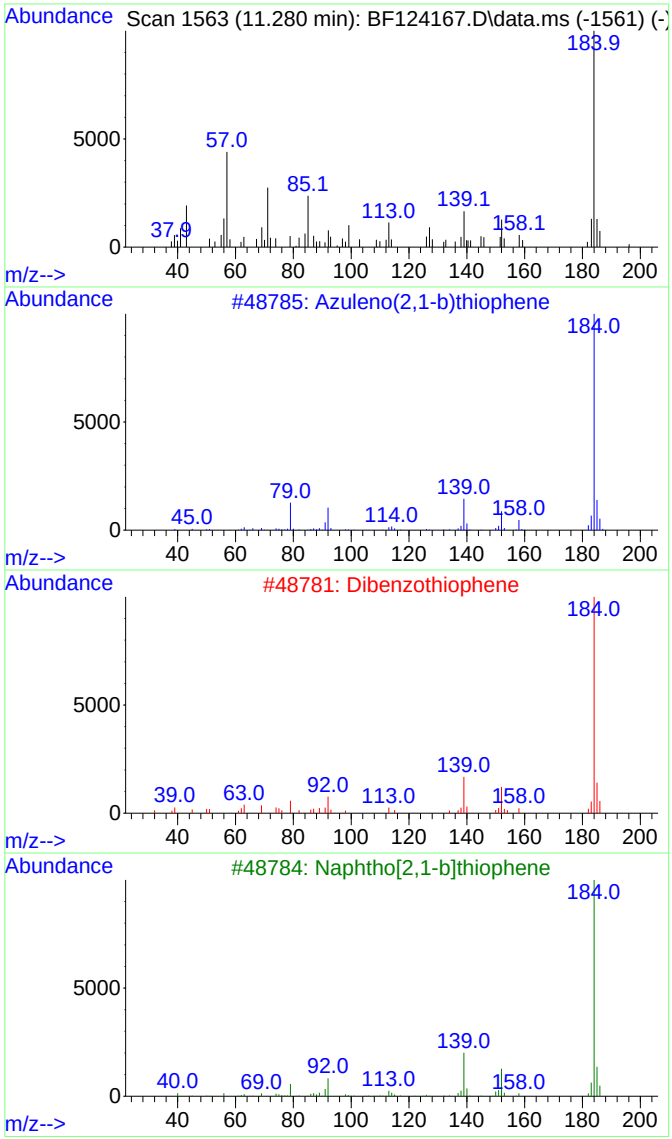
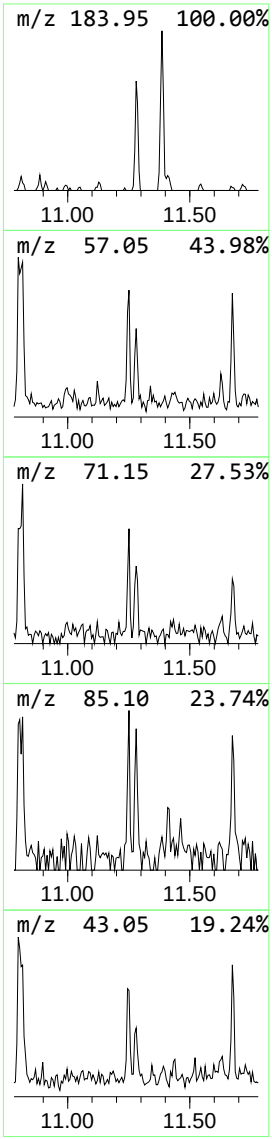
Peak Number 10 Azuleno(2,1-b)thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	3.92 ng	67721	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	68
2	Dibenzothiophene	184	C12H8S	000132-65-0	62
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	62
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	62
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	58





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Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B11(2-4)

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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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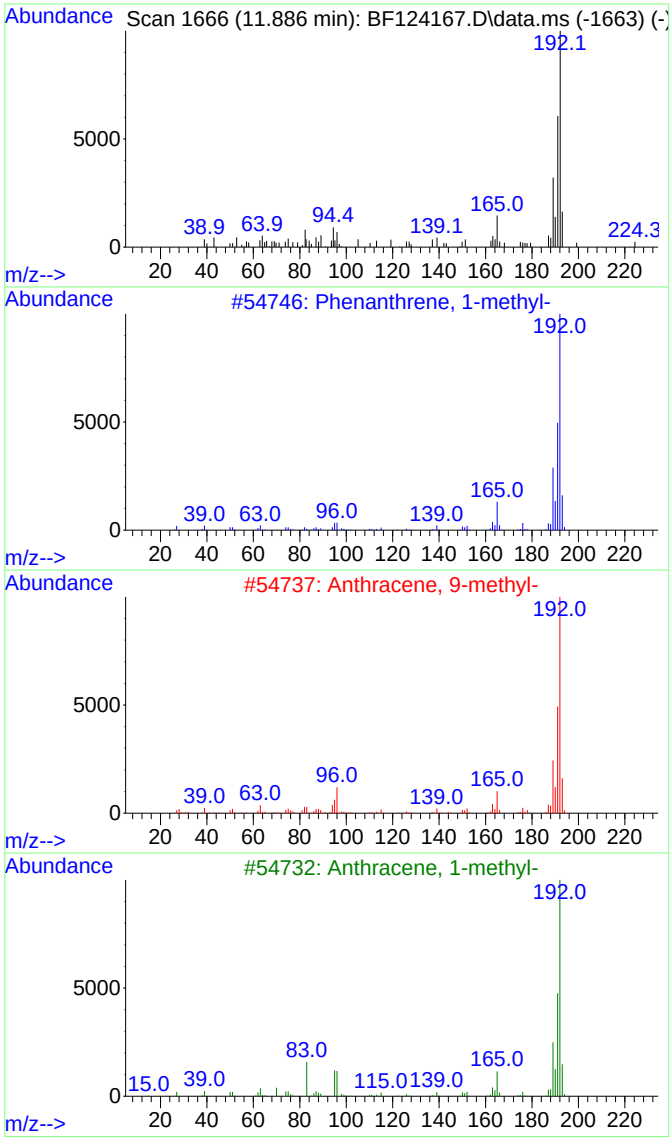
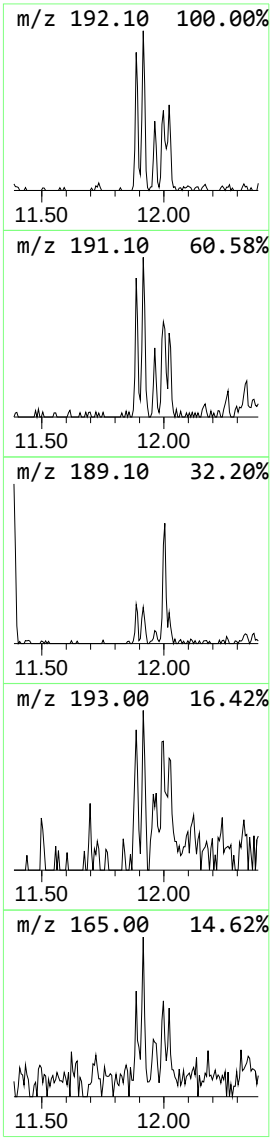
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	3.48 ng	60234	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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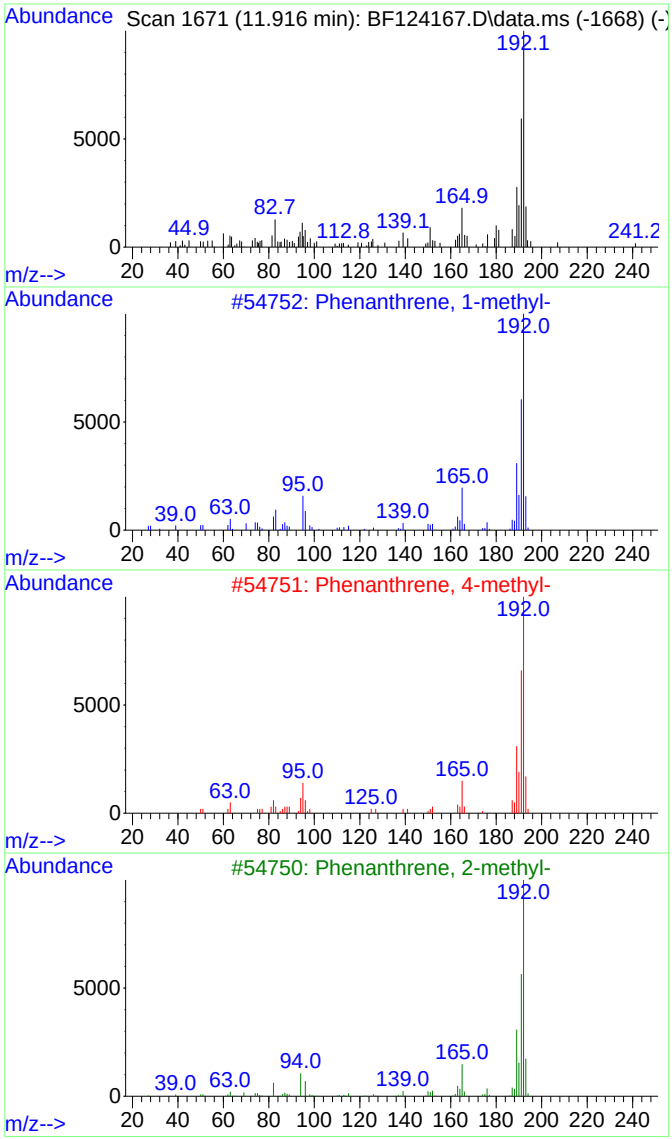
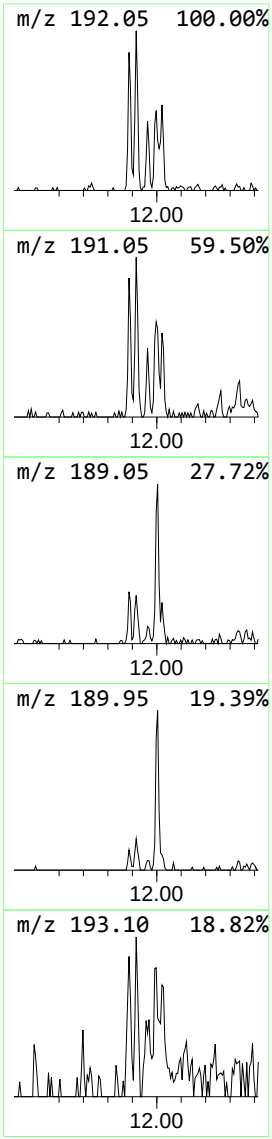
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.65 ng	80378	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76





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Acq On : 7 Jun 2021 20:54
Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

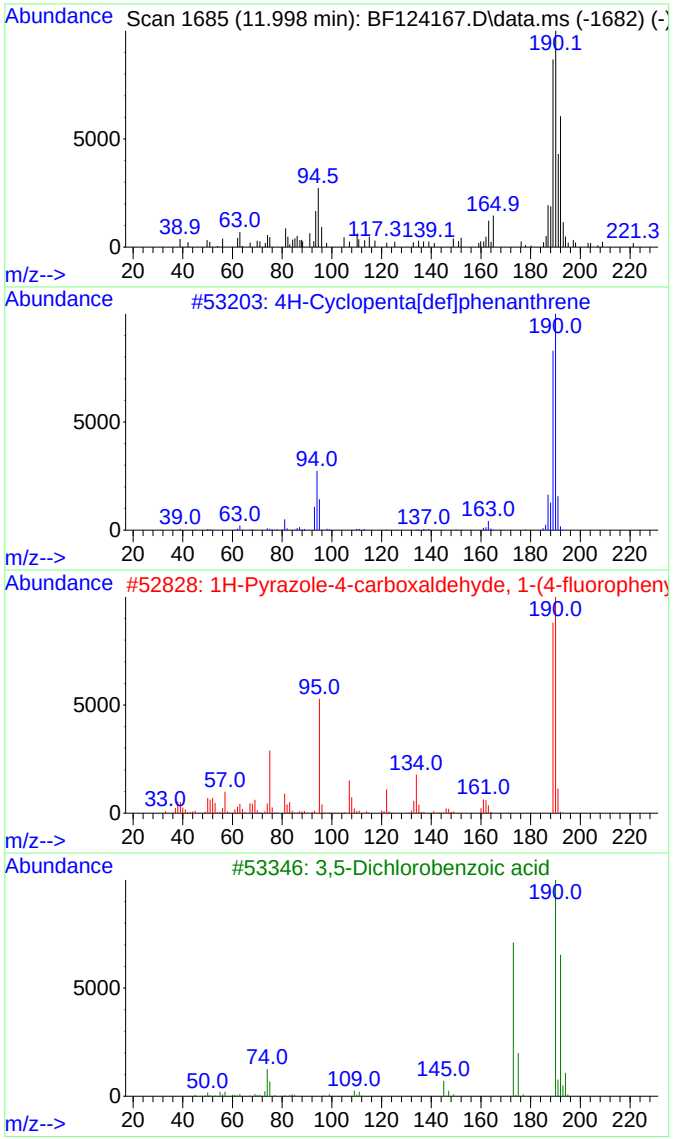
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

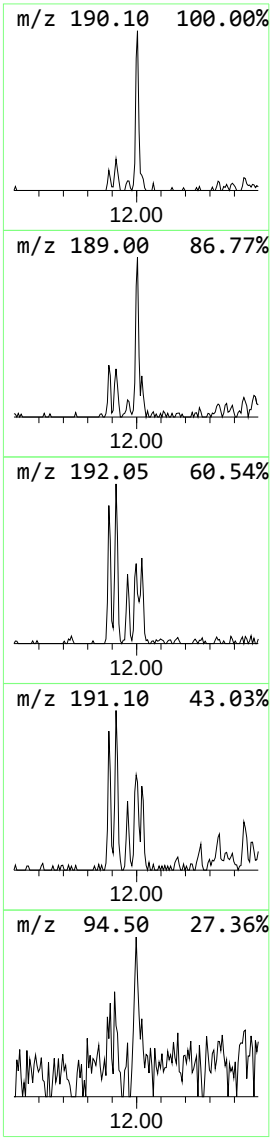
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	6.38 ng	110259	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	46
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	27
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22





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Sample : M2589-15 2X
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Instrument :
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ClientSampleId :
18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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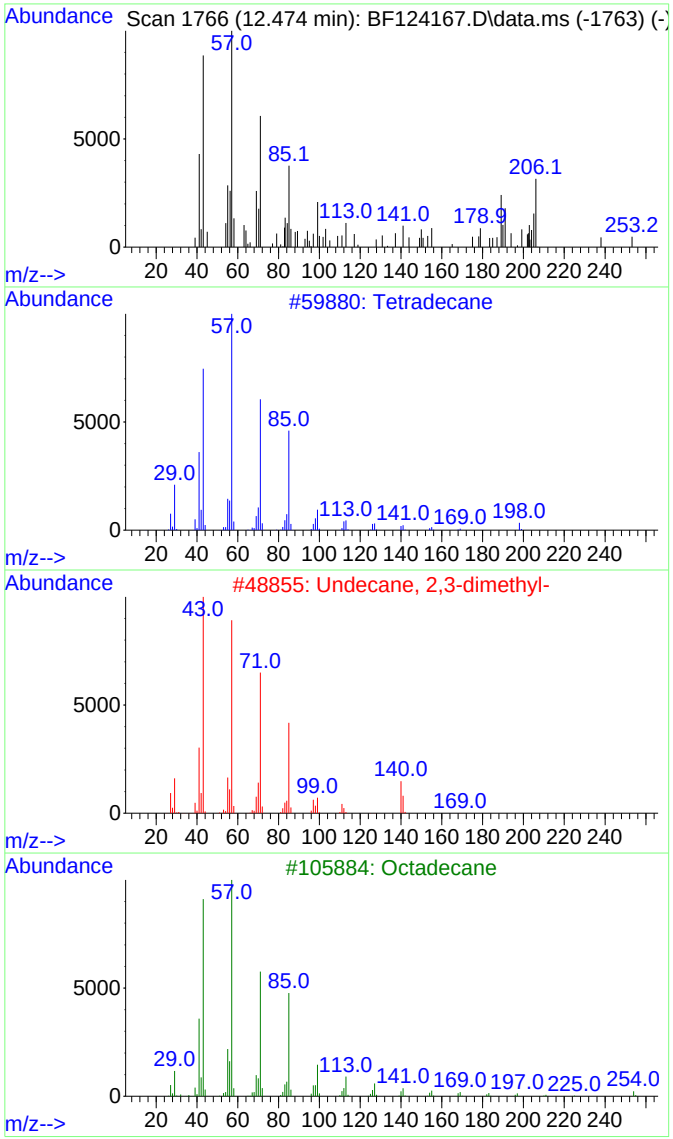
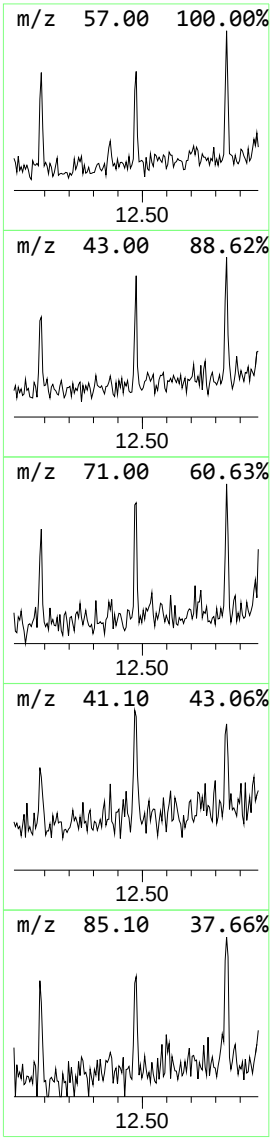
Peak Number 14 unknown12.474 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	3.41 ng	59001	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	27
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	27
3	Octadecane	254	C18H38	000593-45-3	27
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	27
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	27





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Operator : JU/CG
Sample : M2589-15 2X
Misc :
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Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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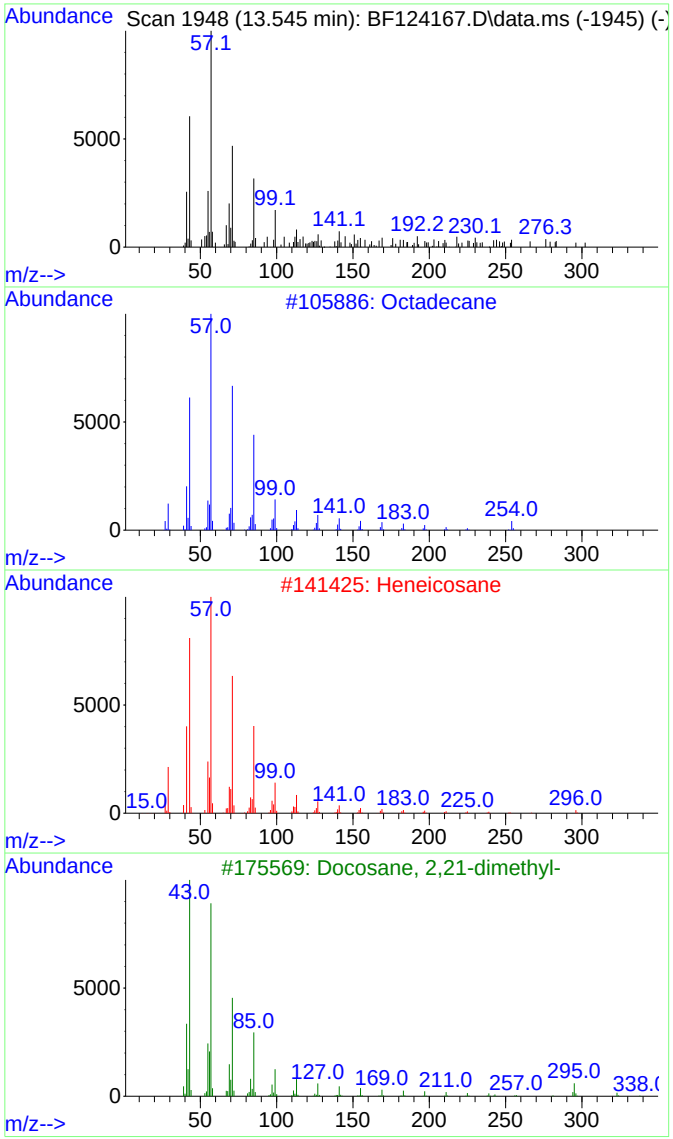
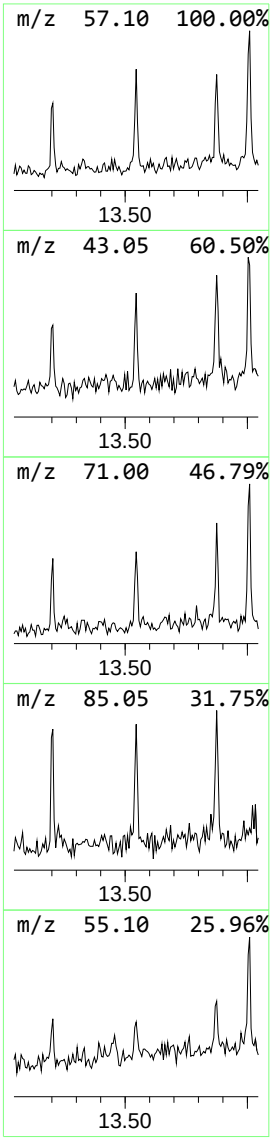
Peak Number 15 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	3.16 ng	66415	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heneicosane	296	C21H44	000629-94-7	74
3	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	72
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	72
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72





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ClientSampleId :
18-B11(2-4)

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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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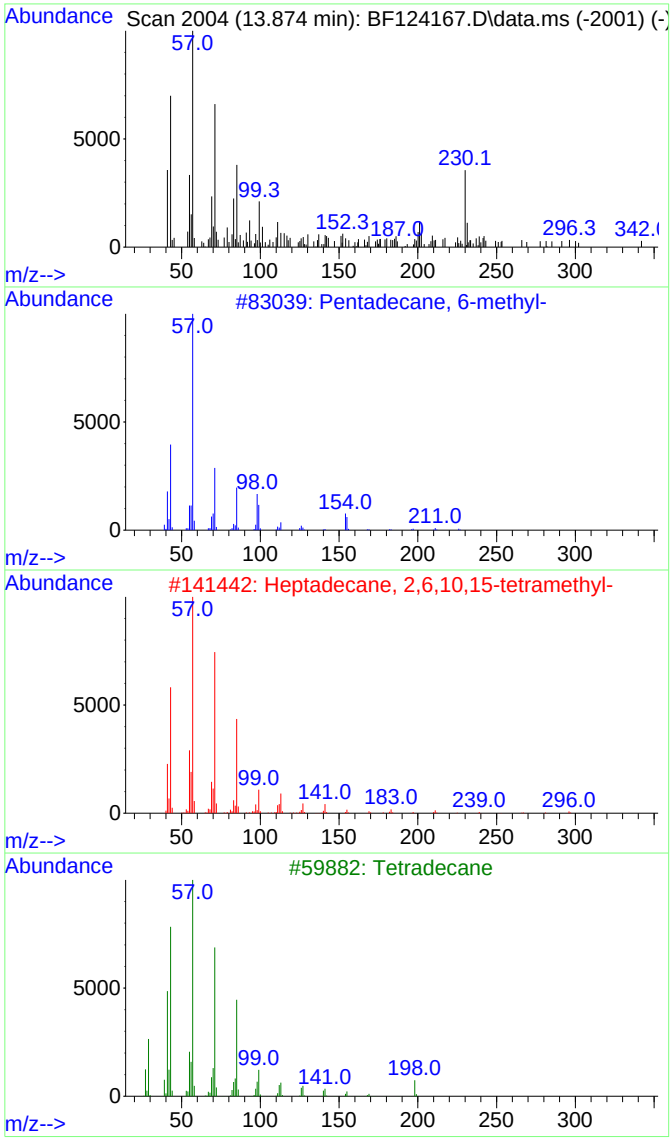
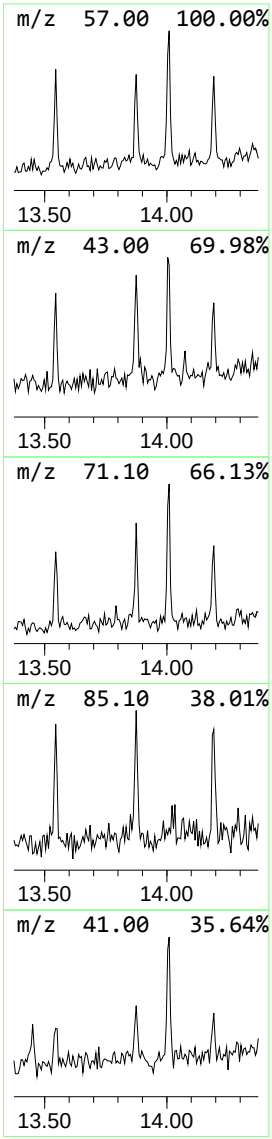
Peak Number 16 unknown13.874 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.15 ng	87204	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	46
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
3	Tetradecane	198	C14H30	000629-59-4	45
4	Hexadecane	226	C16H34	000544-76-3	45
5	Heneicosane	296	C21H44	000629-94-7	45





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Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
18-B11(2-4)

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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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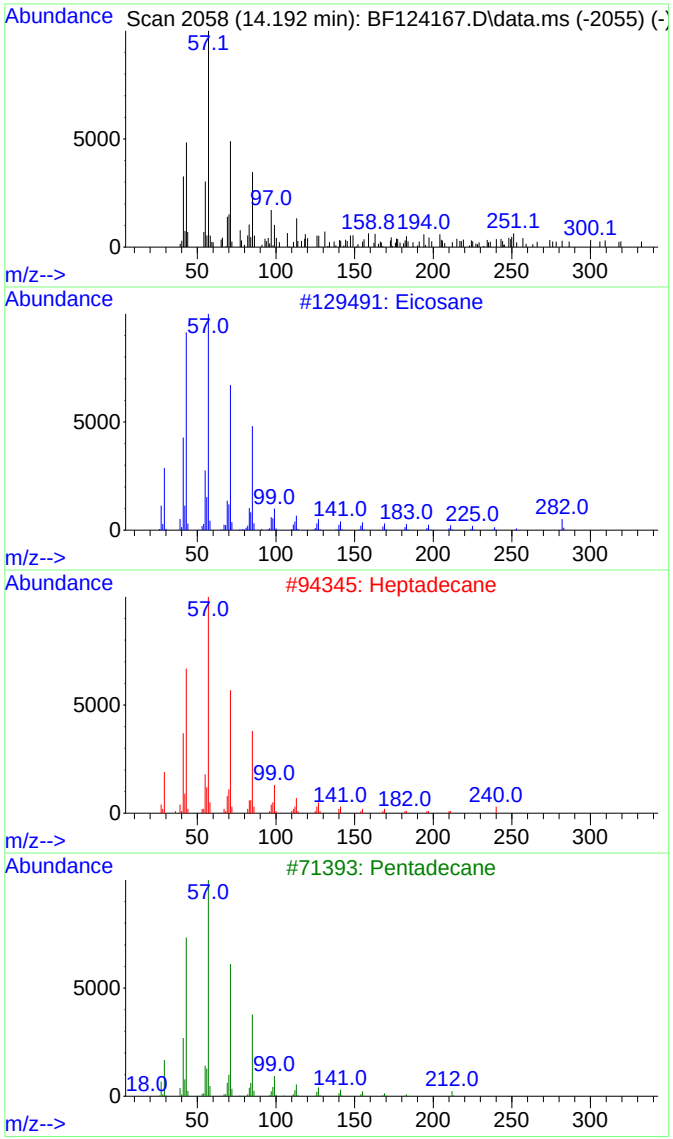
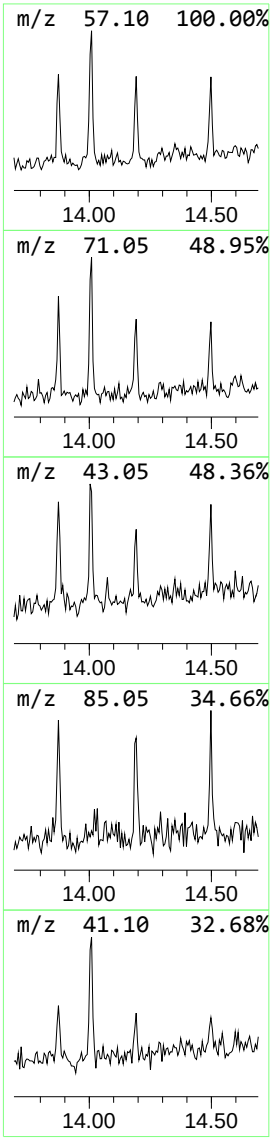
Peak Number 17 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	2.92 ng	61369	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	78
2	Heptadecane	240	C17H36	000629-78-7	64
3	Pentadecane	212	C15H32	000629-62-9	60
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	58
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52





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Data File : BF124167.D
Acq On : 7 Jun 2021 20:54
Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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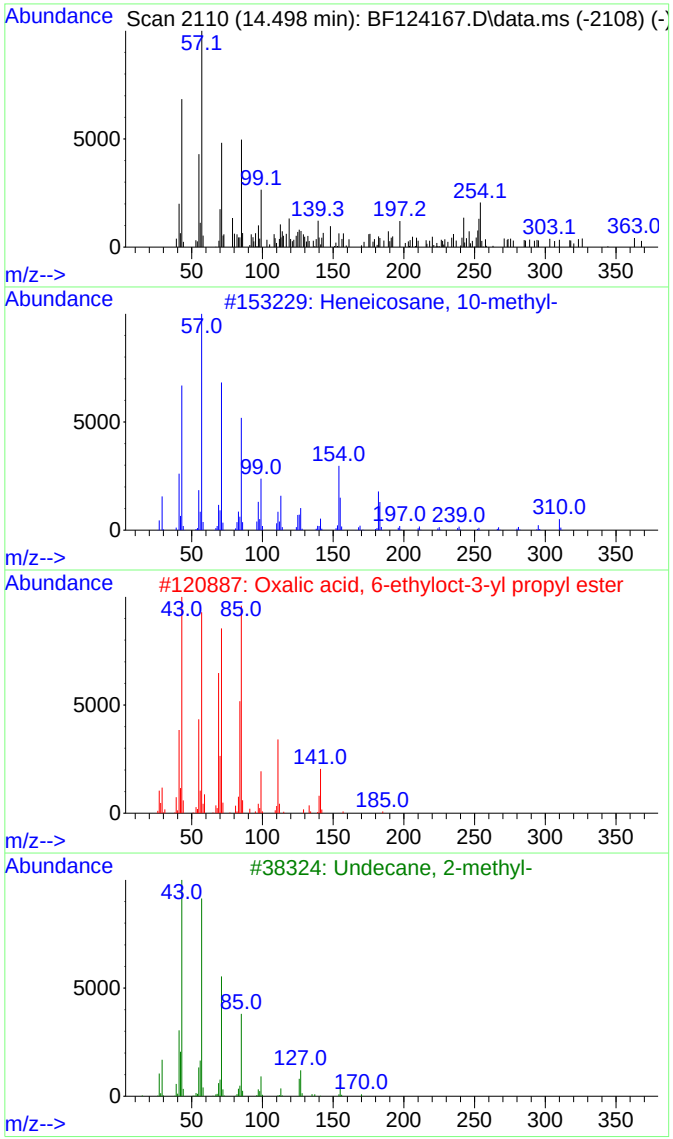
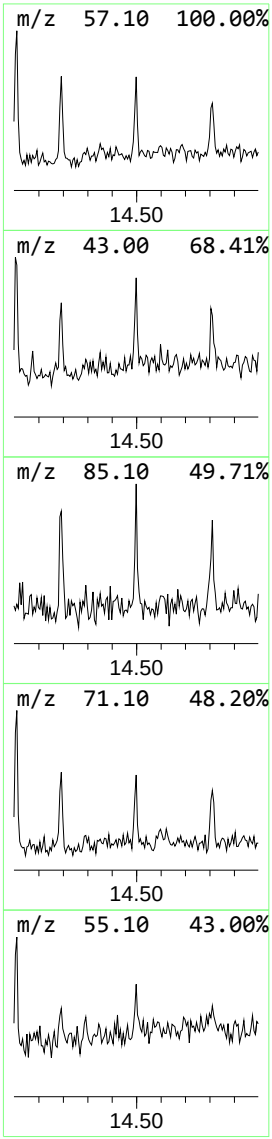
Peak Number 18 Heneicosane, 10-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	3.40 ng	71472	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	60
2	Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	47
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	30
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	27
5	3-Octanone, 2-methyl-	142	C9H18O	000923-28-4	27





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Acq On : 7 Jun 2021 20:54
Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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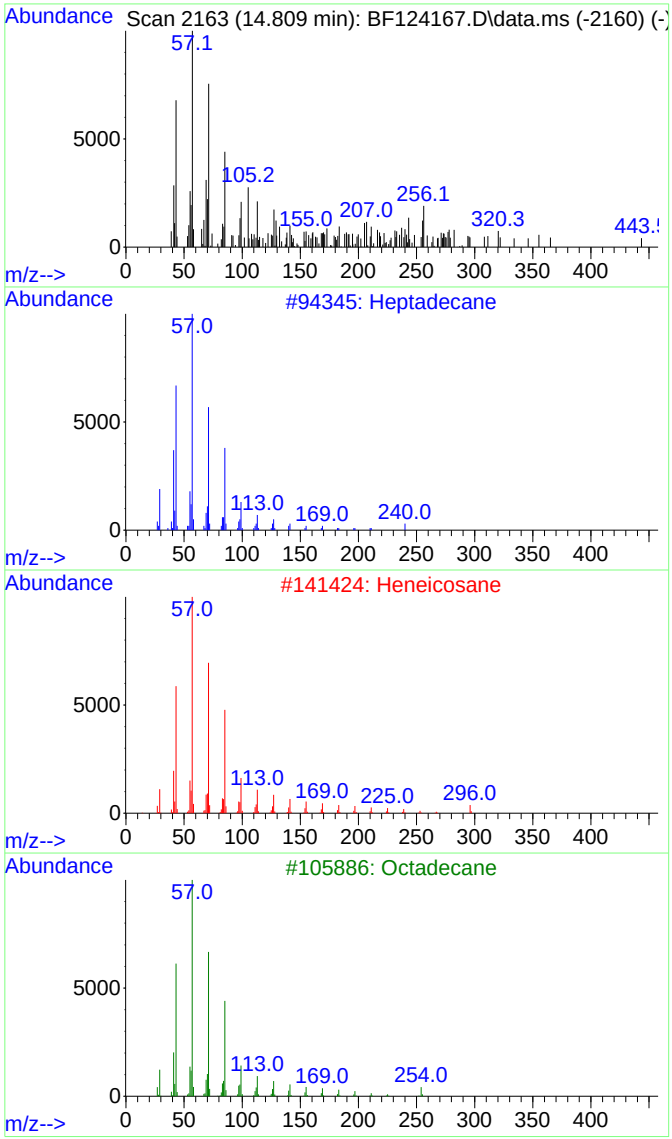
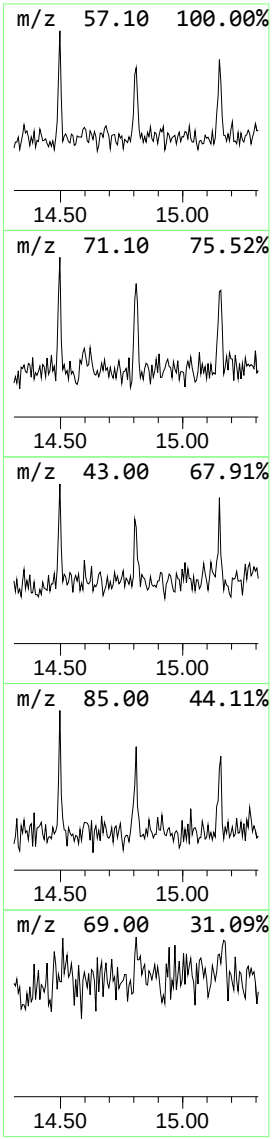
Peak Number 19 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.809	4.10 ng	60945	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	92
2	Heneicosane	296	C21H44	000629-94-7	70
3	Octadecane	254	C18H38	000593-45-3	70
4	Eicosane	282	C20H42	000112-95-8	64
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64





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Data File : BF124167.D
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Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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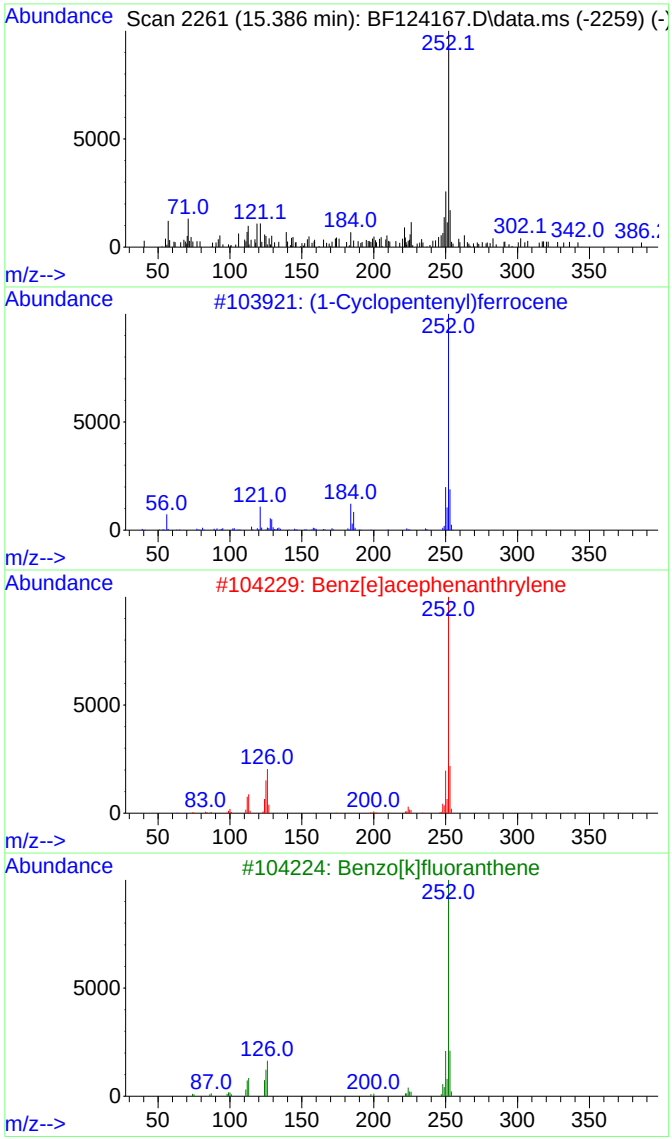
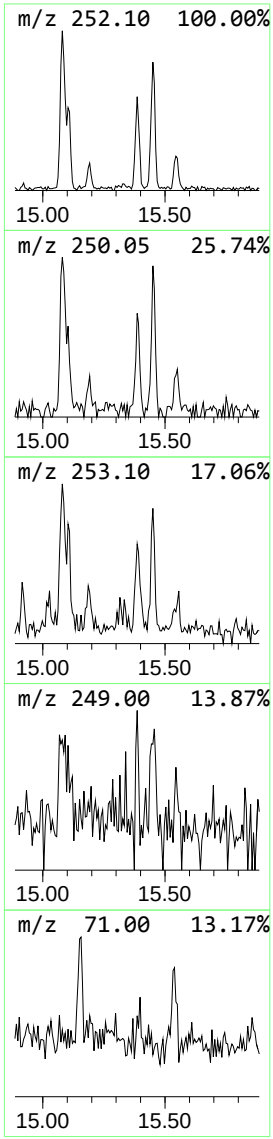
Peak Number 20 (1-Cyclopentenyl)ferrocene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	4.43 ng	65921	Perylene-d12	15.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	74
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	64
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
4	Perylene	252	C20H12	000198-55-0	62
5	Benzo[e]pyrene	252	C20H12	000192-97-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124167.D
Acq On : 7 Jun 2021 20:54
Operator : JU/CG
Sample : M2589-15 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 18-B11(2-4)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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
.alpha.-Pinene	6.139	23.6	ng	314349	1	6.857	266315	20.0
Bicyclo[3.1.1]h...	6.563	5.0	ng	65980	1	6.857	266315	20.0
D-Limonene	6.975	3.0	ng	39982	1	6.857	266315	20.0
Heptacosane	9.298	3.4	ng	62040	3	9.898	362548	20.0
Hexadecane	9.827	3.1	ng	56589	3	9.898	362548	20.0
Undecane, 2-met...	10.327	2.6	ng	46849	3	9.898	362548	20.0
Heptadecane	10.551	3.0	ng	53952	3	9.898	362548	20.0
1H-Indene, 2,3-...	10.992	3.1	ng	52925	4	11.386	345691	20.0
Dodecane, 1-iodo-	11.251	3.8	ng	64816	4	11.386	345691	20.0
Azuleno(2,1-b)t...	11.280	3.9	ng	67721	4	11.386	345691	20.0
Phenanthrene, 1...	11.886	3.5	ng	60234	4	11.386	345691	20.0
Phenanthrene, 4...	11.916	4.7	ng	80378	4	11.386	345691	20.0
4H-Cyclopenta[d...	11.998	6.4	ng	110259	4	11.386	345691	20.0
unknown12.474	12.474	3.4	ng	59001	4	11.386	345691	20.0
Octadecane	13.545	3.2	ng	66415	5	14.033	420324	20.0
unknown13.874	13.874	4.2	ng	87204	5	14.033	420324	20.0
Eicosane	14.192	2.9	ng	61369	5	14.033	420324	20.0
Heneicosane, 10...	14.498	3.4	ng	71472	5	14.033	420324	20.0
Heneicosane	14.809	4.1	ng	60945	6	15.515	297509	20.0
(1-Cyclopenteny...	15.386	4.4	ng	65921	6	15.515	297509	20.0