LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	2.193	14	18	24	rVB	84823	106592	6.41%	0.486%
2	5.122	512	516	529	rVB	669183	639577	38.48%	2.915%
3	5.522	580	584	593	rVB	976469	888440	53.45%	4.050%
4	6.528	750	755	758	rBV	1616474	1420332	85.46%	6.474%
5	6.669	775	779	783	rVV	1449569	1278370	76.91%	5.827%
6	6.728	786	789	793	rVB2	39048	35660	2.15%	0.163%
7	6.904	815	819	822	rVB	941841	771183	46.40%	3.515%
8	6.957	824	828	831	rBV	59087	47145	2.84%	0.215%
9	7.057	840	845	849	rBV	1455268	1284003	77.25%	5.852%
10	7.434	904	909	910	rBV3	24816	27482	1.65%	0.125%
11	7.463	910	914	917	rVV	1080644	937634	56.41%	4.274%
12	7.492	917	919	923	rVV	91165	75113	4.52%	0.342%
13	7.539	923	927	930	rVV4	19839	29188	1.76%	0.133%
14	7.922	990	992	995	rBV2	38458	35384	2.13%	0.161%
15	8.157	1029	1032	1034	rBV	170653	143126	8.61%	0.652%
16	8.186	1034	1037	1039	rVV	1152329	961756	57.87%	4.384%
17	8.204	1039	1040	1043	rVV	78859	58754	3.54%	0.268%
18	8.234	1043	1045	1048	rVB	65384	54389	3.27%	0.248%
19	8.469	1082	1085	1090	rVB6	42977	52861	3.18%	0.241%
20	8.522	1090	1094	1097	rBV4	19138	22997	1.38%	0.105%
21	8.551	1097	1099	1103	rVB3	30556	30496	1.83%	0.139%
22	8.598	1103	1107	1109	rBV	90484	73542	4.42%	0.335%
23	8.686	1119	1122	1124	rBV2	35094	28037	1.69%	0.128%
24	8.769	1133	1136	1139	rBV	231976	176562	10.62%	0.805%
25	8.898	1155	1158	1161	rVB	69436	54940	3.31%	0.250%
26	8.998	1171	1175	1178	rBV2	59171	59375	3.57%	0.271%
27	9.086	1188	1190	1194	rVB3	25175	35204	2.12%	0.160%
28	9.133	1194	1198	1202	rBV4	38073	43402	2.61%	0.198%
29	9.175	1202	1205	1207	rBV2	26215	24044	1.45%	0.110%
30	9.198	1207	1209	1212	rVB	82163	56736	3.41%	0.259%
31	9.257	1215	1219	1224	rBV	1920338	1662061	100.00%	7.576%
32	9.333	1228	1232	1235	rBV	278371	231206	13.91%	1.054%
33	9.410	1242	1245	1247	rVB	29918	26513	1.60%	0.121%
34	9.457	1250	1253	1258	rVB	20249	22538	1.36%	0.103%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.528	1261	1265	1269	rBV2	80506	91565	5.51%	0.417%
36	9.598	1274	1277	1279	rVV	70477	77611	4.67%	0.354%
37	9.651	1283	1286	1289	rVV	341781	298620	17.97%	1.361%
38	9.716	1293	1297	1299	rBV4	47514	44053	2.65%	0.201%
39	9.804	1309	1312	1315	rBV	41723	38377	2.31%	0.175%
40	9.863	1317	1322	1325	rVV	224812	179966	10.83%	0.820%
41	9.945	1330	1336	1339	rVV	946572	918927	55.29%	4.188%
42	9.975	1339	1341	1344	rVB	65719	53698	3.23%	0.245%
43	10.045	1350	1353	1357	rVB3	28988	36804	2.21%	0.168%
44	10.092	1357	1361	1364	rBV3	24889	37339	2.25%	0.170%
45	10.145	1367	1370	1373	rVV2	69753	73783	4.44%	0.336%
46	10.180	1373	1376	1381	rVV2	66157	69605	4.19%	0.317%
47	10.222	1381	1383	1386	rVB2	23053	18987	1.14%	0.087%
48	10.257	1386	1389	1391	rBV	38386	39904	2.40%	0.182%
49	10.286	1391	1394	1400	rVB4	28900	35451	2.13%	0.162%
50	10.363	1400	1407	1410	rBV	204126	187689	11.29%	0.855%
51	10.486	1424	1428	1434	rBV4	34058	44582	2.68%	0.203%
52	10.580	1438	1444	1447	rBV	74073	88943	5.35%	0.405%
53	10.633	1450	1453	1457	rBV4	19239	29204	1.76%	0.133%
54	10.704	1462	1465	1467	rBV3	22570	20159	1.21%	0.092%
55	10.727	1467	1469	1473	rBV	93735	78795	4.74%	0.359%
56	10.833	1484	1487	1493	rBV	176914	249619	15.02%	1.138%
57	11.027	1516	1520	1524	rBV7	25311	45102	2.71%	0.206%
58	11.063	1524	1526	1529	rVB3	22259	21828	1.31%	0.099%
59	11.157	1538	1542	1544	rBV4	18529	23575	1.42%	0.107%
60	11.233	1552	1555	1558	rBV	36792	31609	1.90%	0.144%
61	11.280	1560	1563	1566	rVV	134910	122672	7.38%	0.559%
62	11.310	1566	1568	1575	rVB2	70225	95600	5.75%	0.436%
63	11.433	1585	1589	1591	rBV	831490	815576	49.07%	3.717%
64	11.451	1591	1592	1596	rVV	358486	306122	18.42%	1.395%
65	11.504	1599	1601	1604	rVB	85090	65123	3.92%	0.297%
66	11.592	1613	1616	1620	rBV5	18371	27910	1.68%	0.127%
67	11.639	1620	1624	1626	rVV	107277	116296	7.00%	0.530%
68	11.657	1626	1627	1633	rVV	56960	66611	4.01%	0.304%
69	11.710	1633	1636	1640	rVV	127995	110311	6.64%	0.503%
70	11.763	1642	1645	1650	rVB4	26248	36783	2.21%	0.168%
71	11.933	1671	1674	1676	rBV	45681	46432	2.79%	0.212%

LSC Area Percent Report

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Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.957	1676	1678	1682	rVB	68728	61984	3.73%	0.283%
73	12.004	1684	1686	1689	rBV2	21060	20269	1.22%	0.092%
74	12.039	1689	1692	1695	rVV2	44177	49838	3.00%	0.227%
75	12.063	1695	1696	1699	rVB	38919	28689	1.73%	0.131%
76	12.116	1702	1705	1708	rBV	99018	77361	4.65%	0.353%
77	12.227	1721	1724	1726	rBV	31503	25059	1.51%	0.114%
78	12.251	1726	1728	1733	rVB5	23596	23595	1.42%	0.108%
79	12.374	1744	1749	1751	rBV4	18436	30516	1.84%	0.139%
80	12.404	1751	1754	1756	rVV3	25209	26178	1.58%	0.119%
81	12.480	1764	1767	1769	rBV	31827	25983	1.56%	0.118%
82	12.504	1769	1771	1775	rVB2	95398	82770	4.98%	0.377%
83	12.569	1779	1782	1786	rBV	36093	36887	2.22%	0.168%
84	12.645	1791	1795	1798	rBV	383434	332500	20.01%	1.516%
85	12.821	1823	1825	1828	rVB4	27441	26074	1.57%	0.119%
86	12.892	1831	1837	1841	rVV2	486610	807366	48.58%	3.680%
87	13.010	1851	1857	1861	rBV	1330053	1303332	78.42%	5.941%
88	13.233	1892	1895	1898	rBV2	77762	67154	4.04%	0.306%
89	13.486	1935	1938	1946	rVB	401659	341426	20.54%	1.556%
90	13.574	1951	1953	1957	rVB	79446	68414	4.12%	0.312%
91	13.904	2006	2009	2014	rVB2	105369	136697	8.22%	0.623%
92	14.074	2033	2038	2040	rBV2	859865	898681	54.07%	4.096%
93	14.098	2040	2042	2047	rVB	149530	134545	8.10%	0.613%
94	14.215	2060	2062	2068	rBV	86417	93819	5.64%	0.428%
95	14.521	2112	2114	2118	rBV	116911	116357	7.00%	0.530%
96	15.121	2214	2216	2219	rBV	97035	105100	6.32%	0.479%
97	15.180	2224	2226	2233	rVB	132110	154822	9.32%	0.706%
98	15.568	2287	2292	2302	rVB	609592	824149	49.59%	3.756%

Sum of corrected areas: 21939438

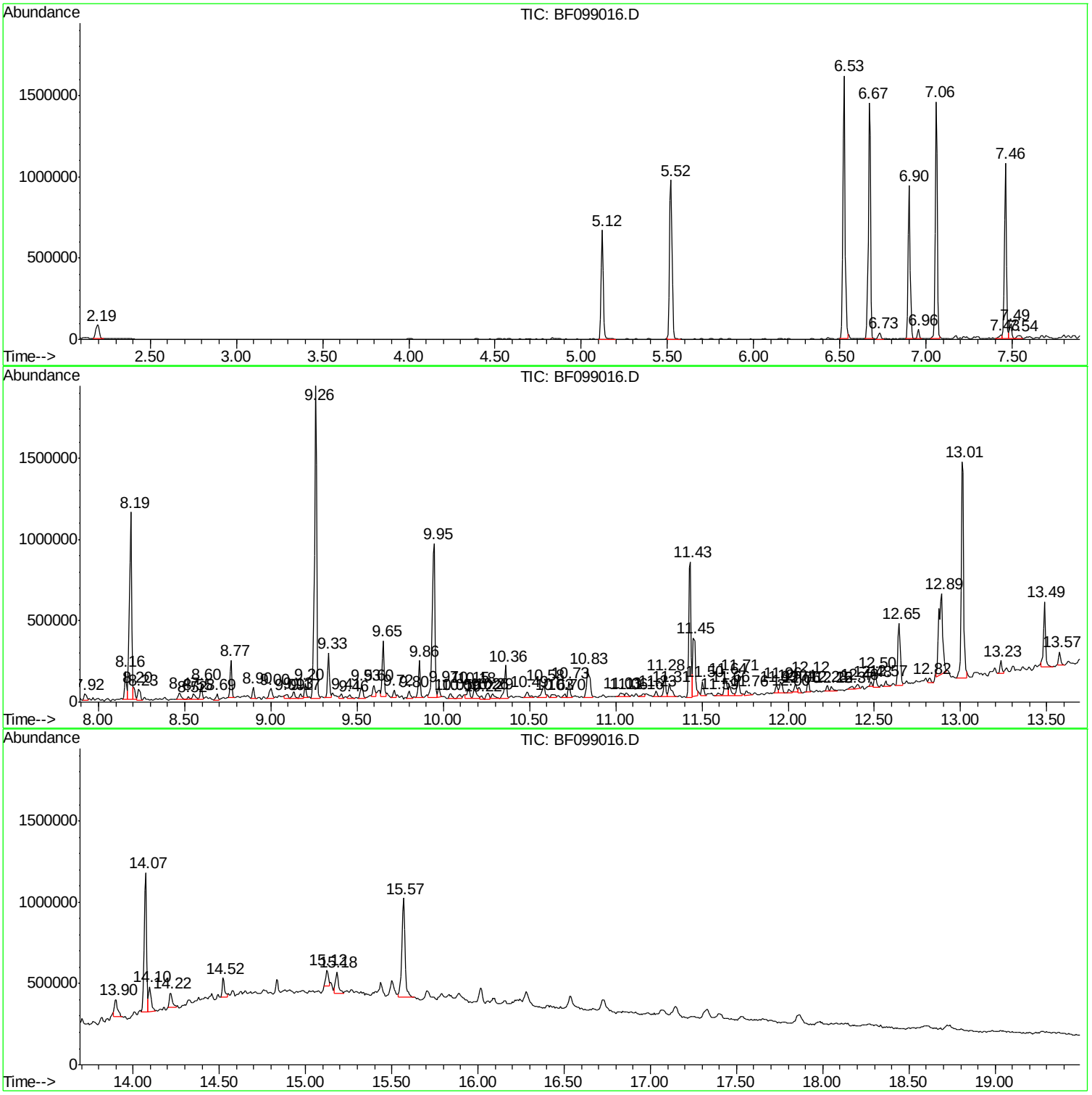
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

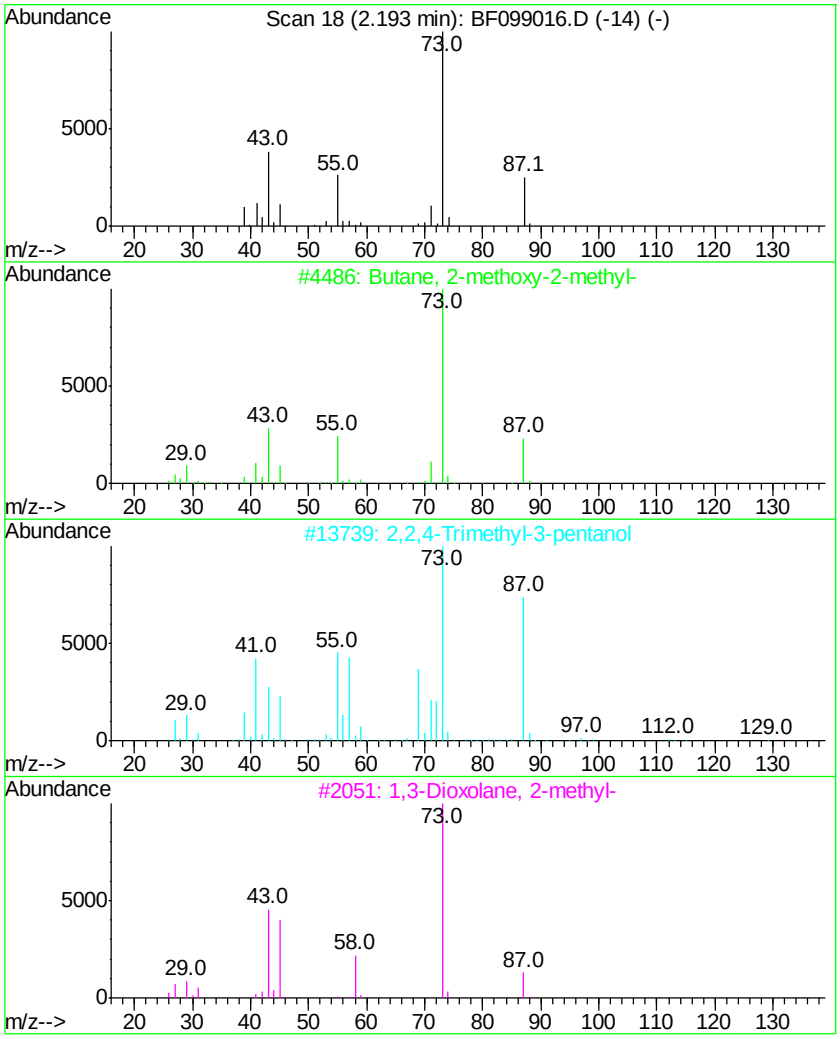
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

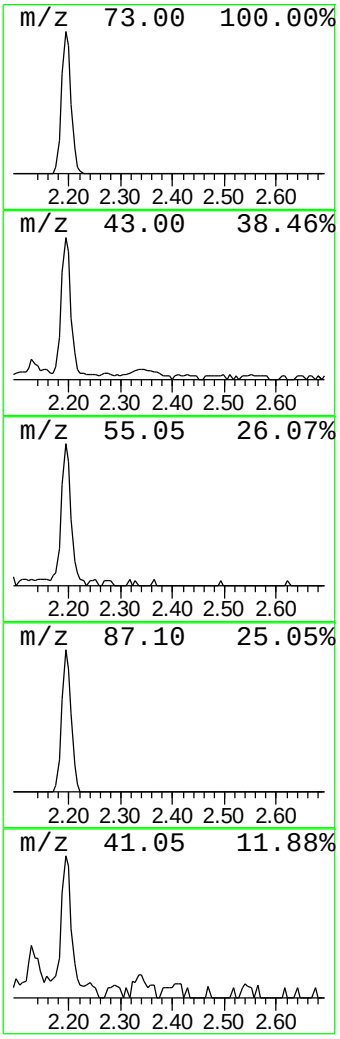
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	2.76 ng	106592	1,4-Dichlorobenzene-d4	6.90

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

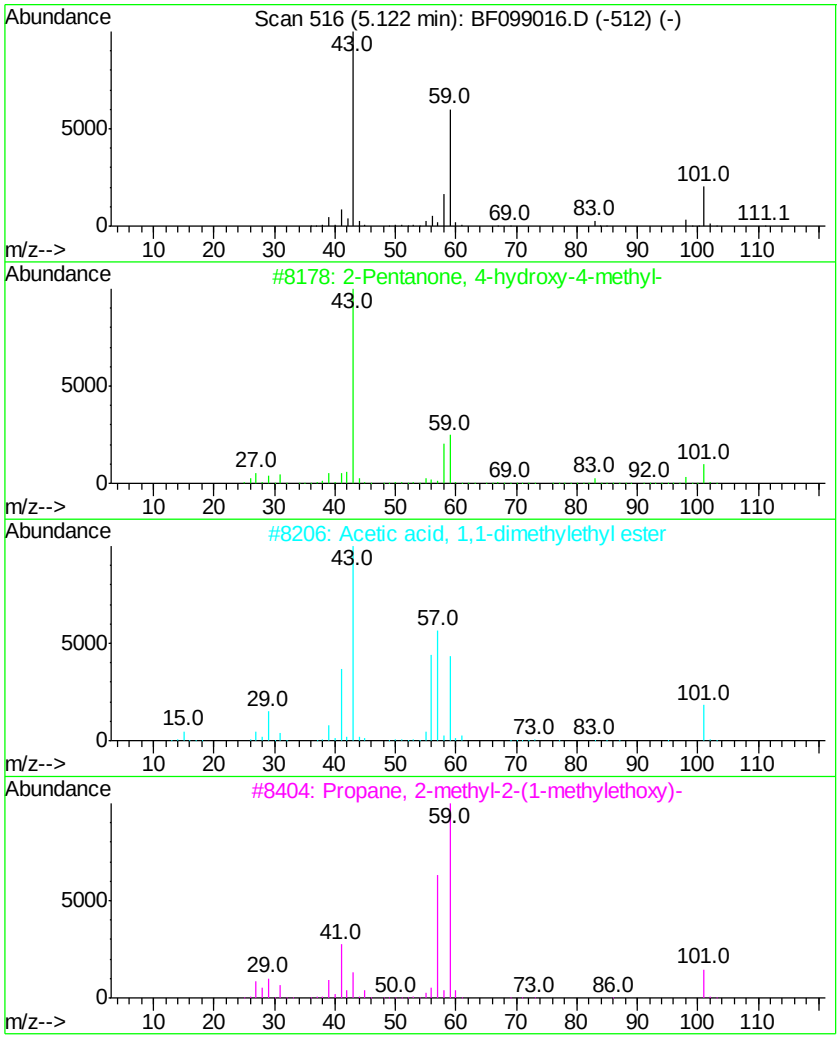
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

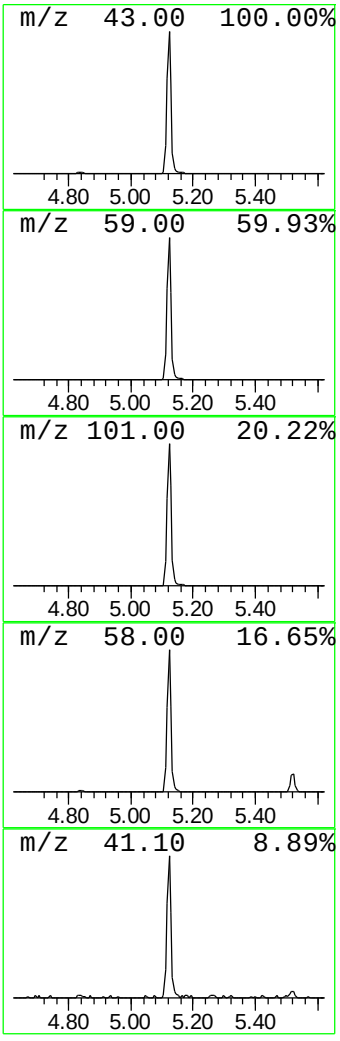
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	16.59 ng	639577	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

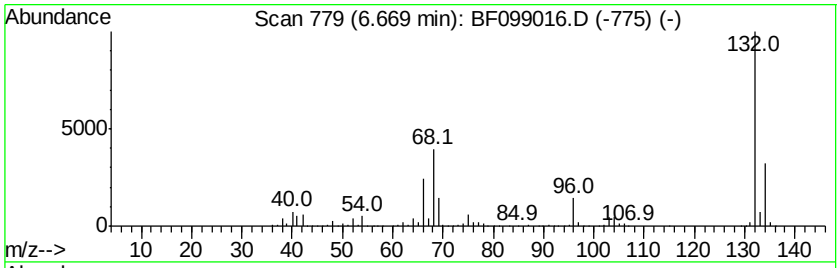
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

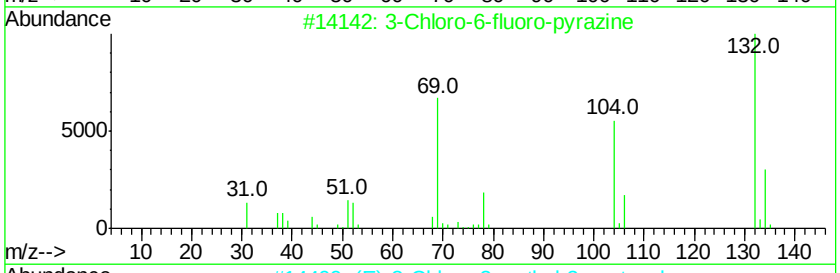
****

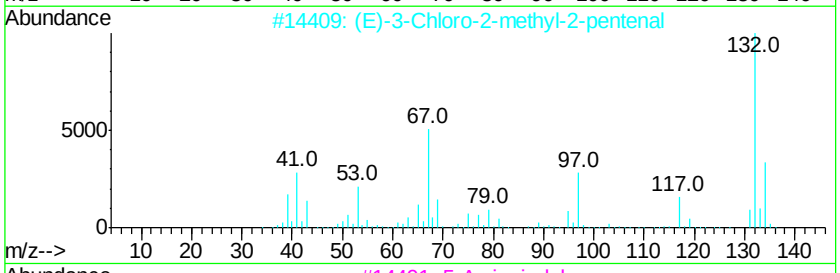
Peak Number 3 unknown6.67 Concentration Rank 2

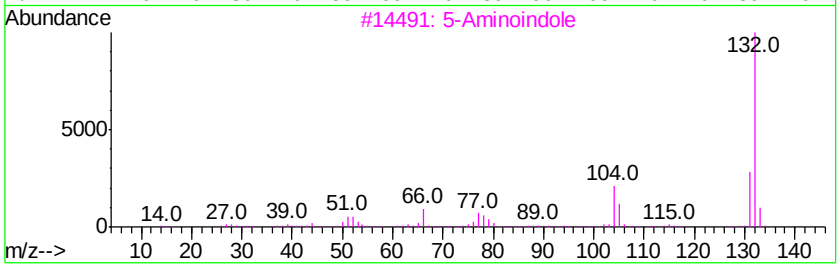
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	33.15 ng	1278370	1,4-Dichlorobenzene-d4	6.90

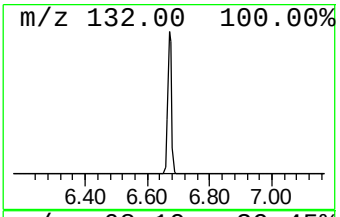
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9

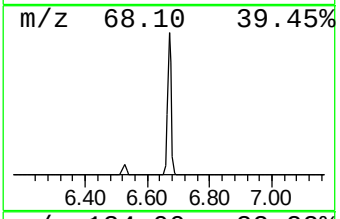


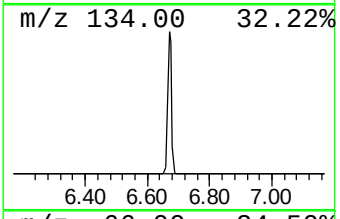


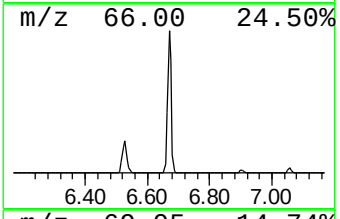


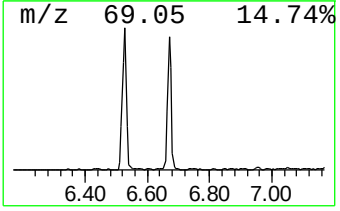












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Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

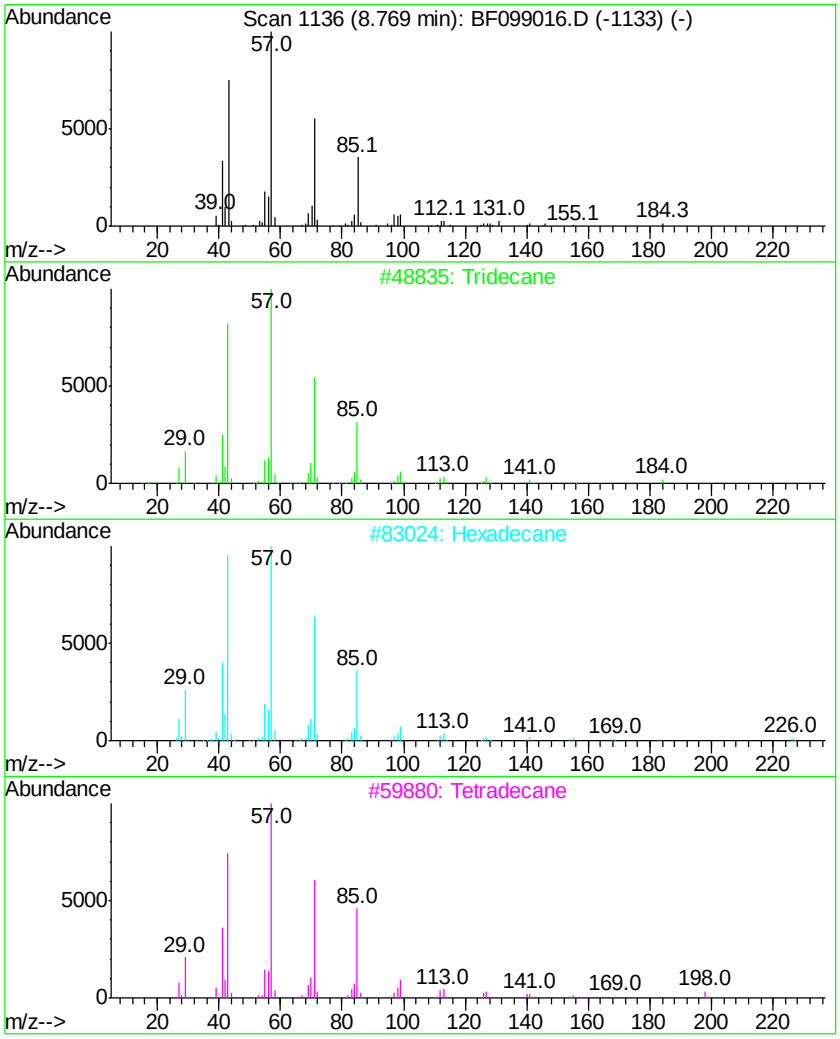
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

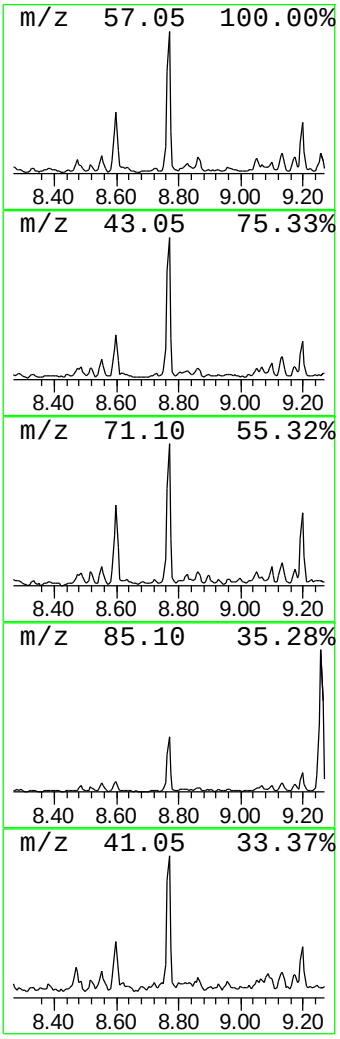
****

Peak Number 5 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	3.67 ng	176562	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
5	Dodecane	170	C12H26	000112-40-3	78





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Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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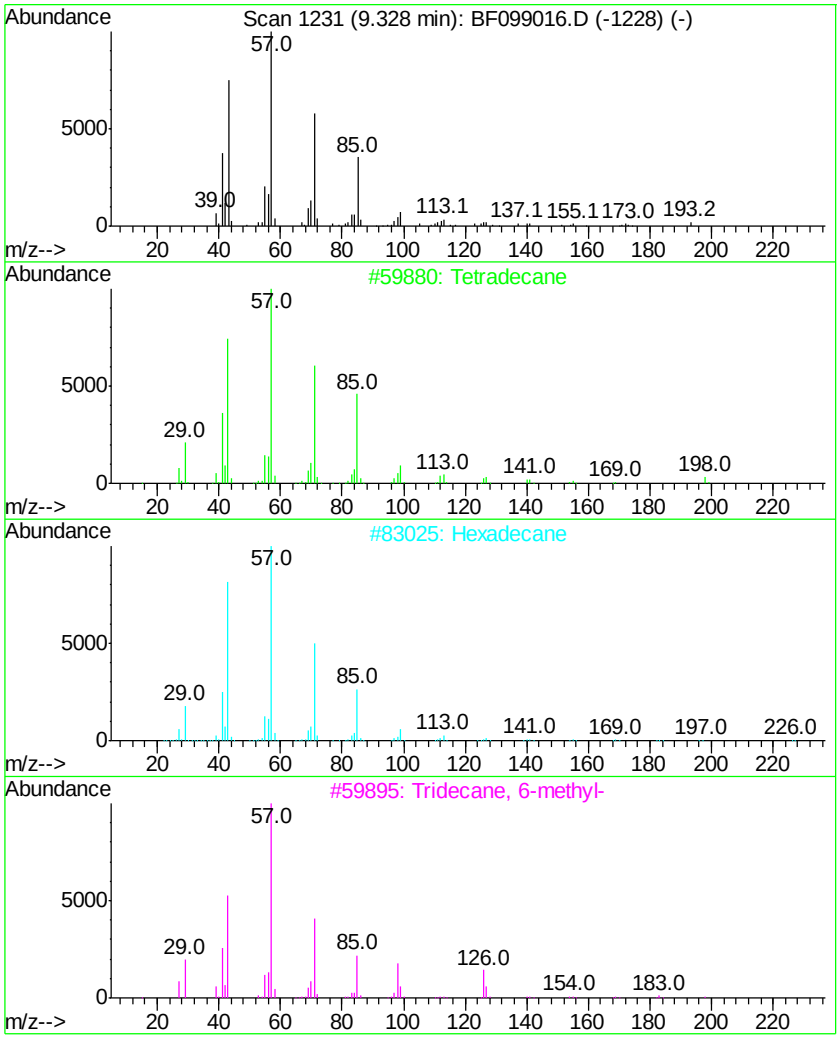
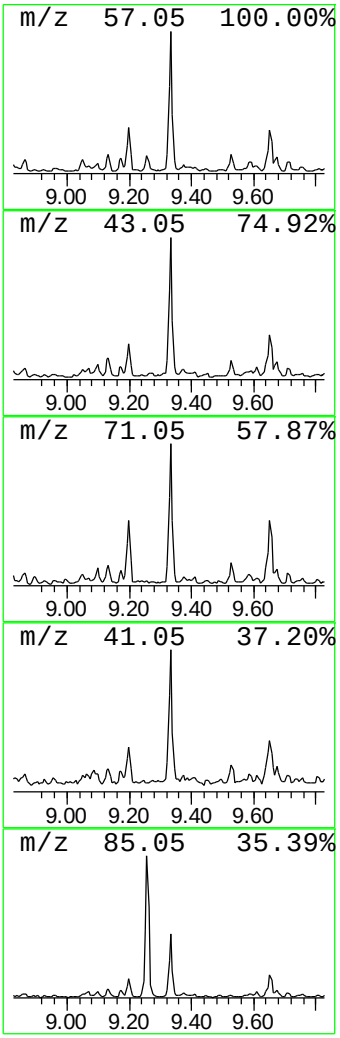
Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	5.03 ng	231206	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83





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Acq On : 2 Oct 2017 22:52
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Misc :
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Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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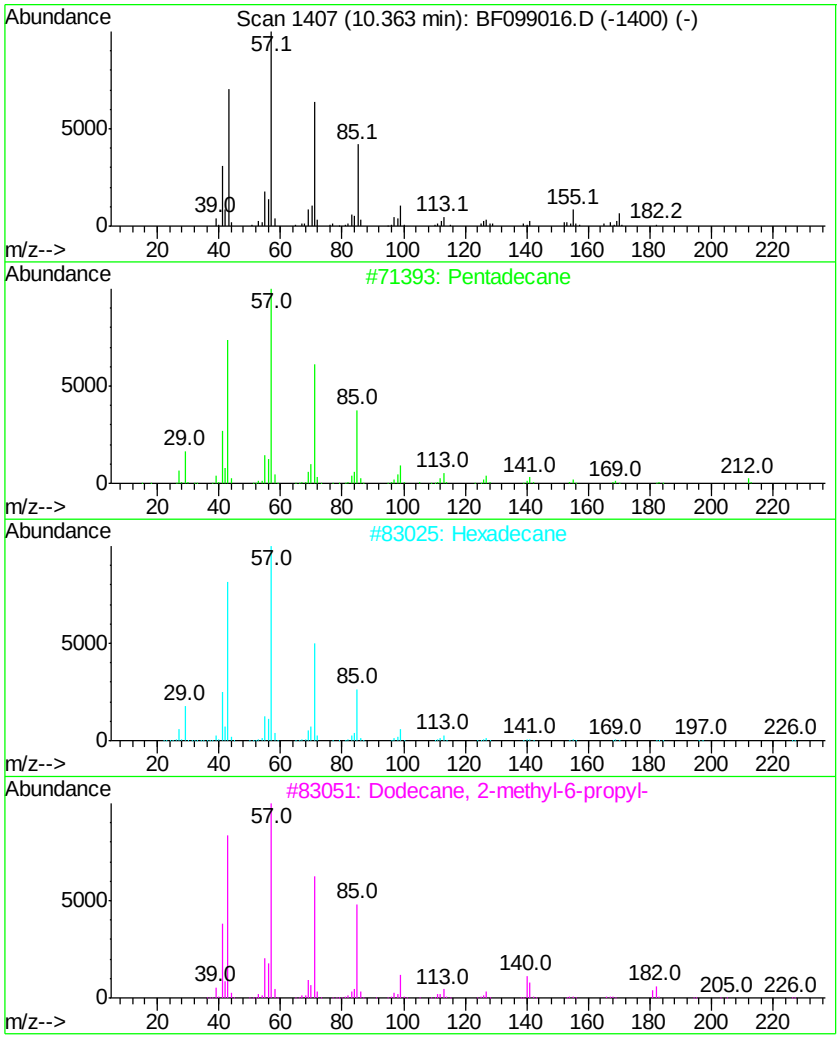
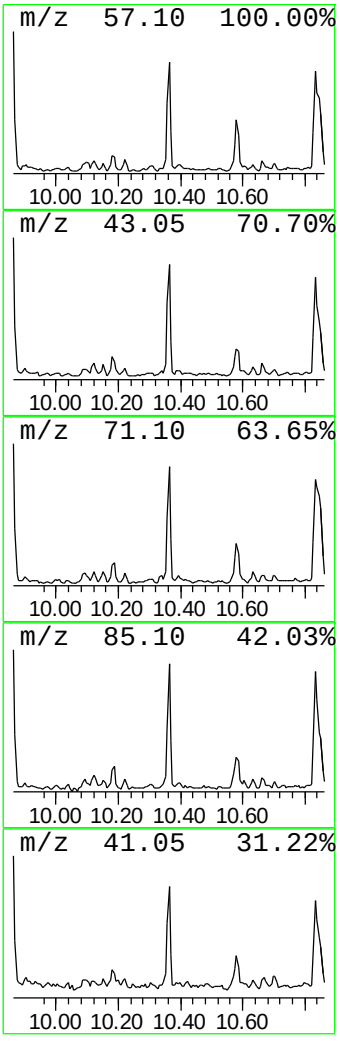
Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	4.08 ng	187689	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Dodecane	170	C12H26	000112-40-3	76
5	Tridecane	184	C13H28	000629-50-5	64





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Operator : SJ/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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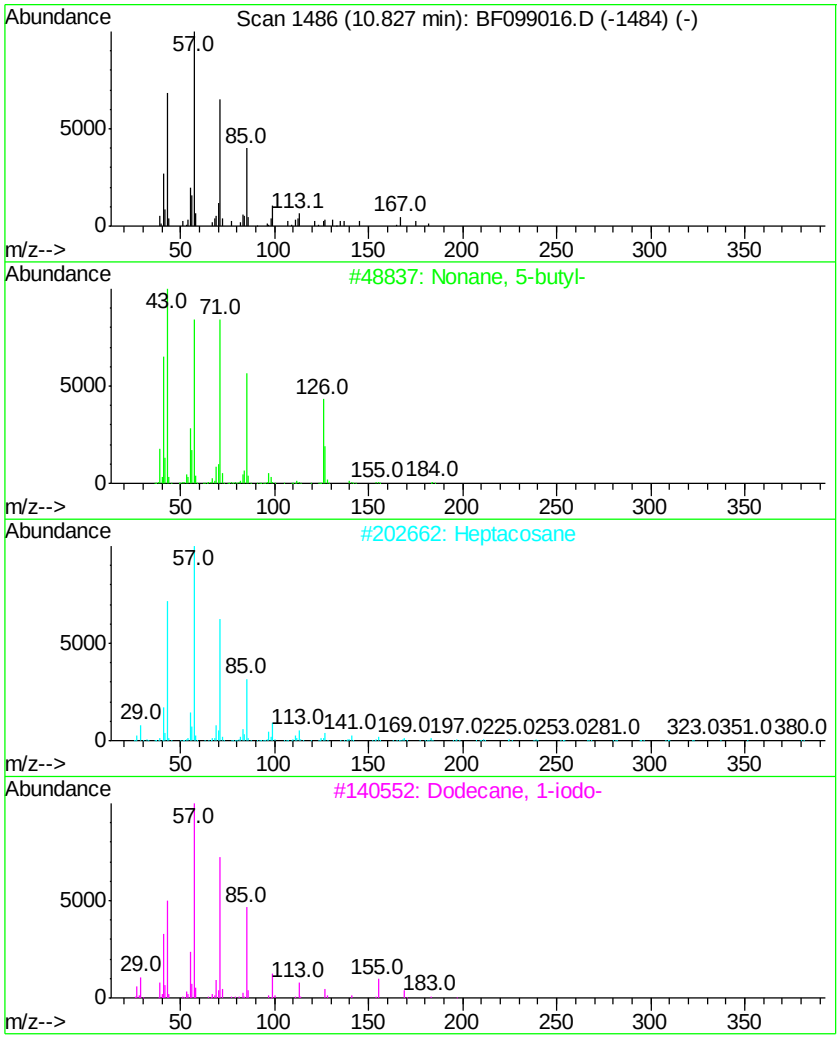
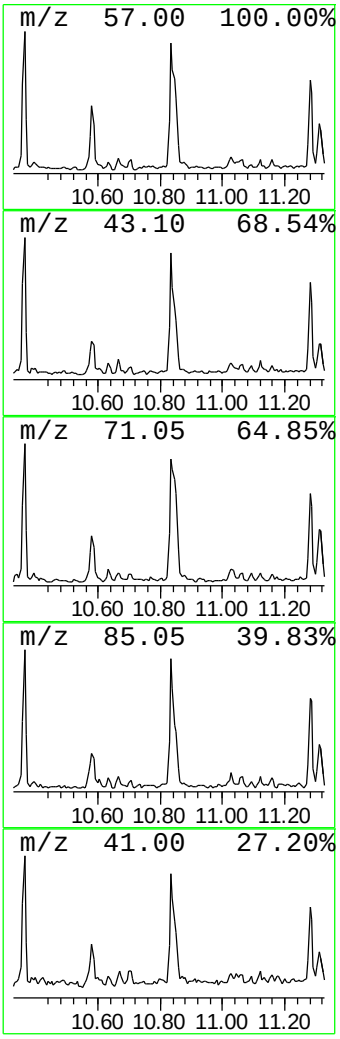
Peak Number 9 Nonane, 5-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	6.12 ng	249619	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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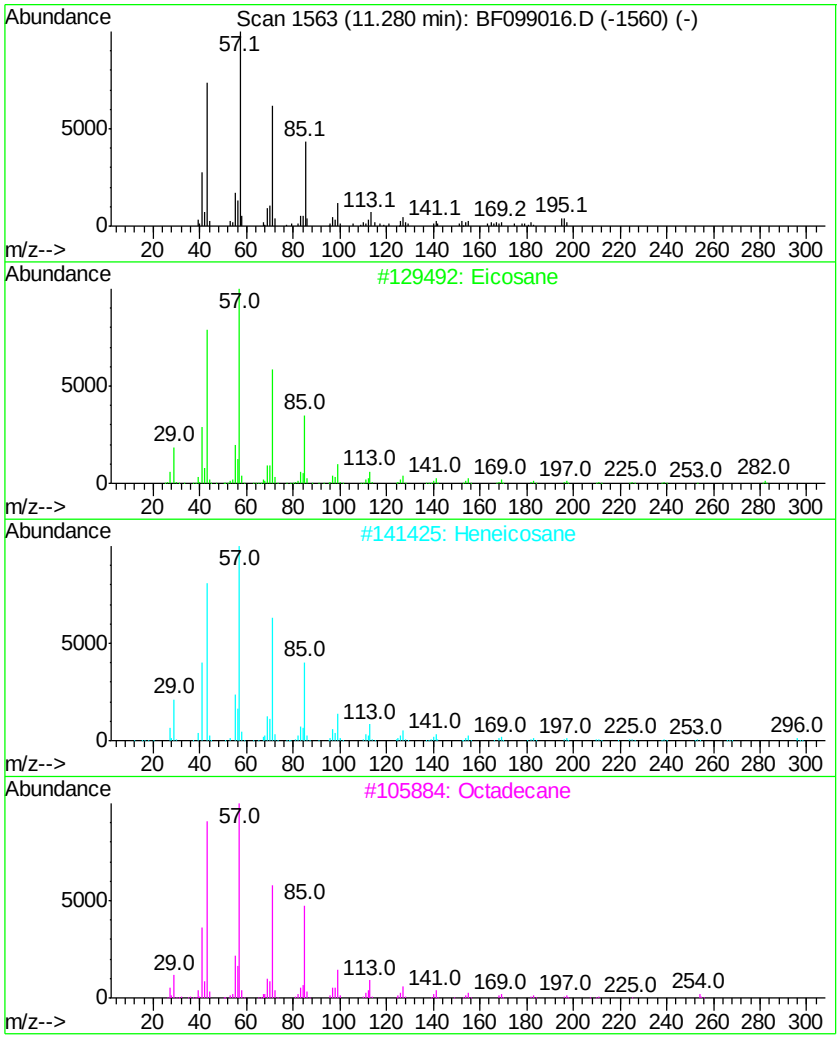
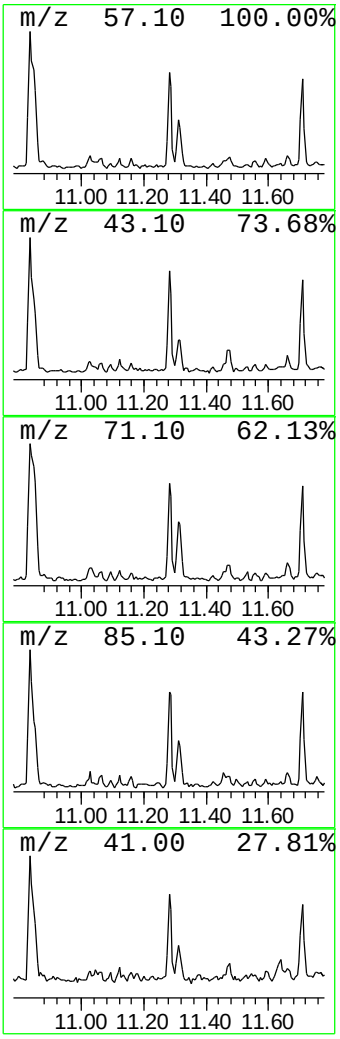
Peak Number 10 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	3.01 ng	122672	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

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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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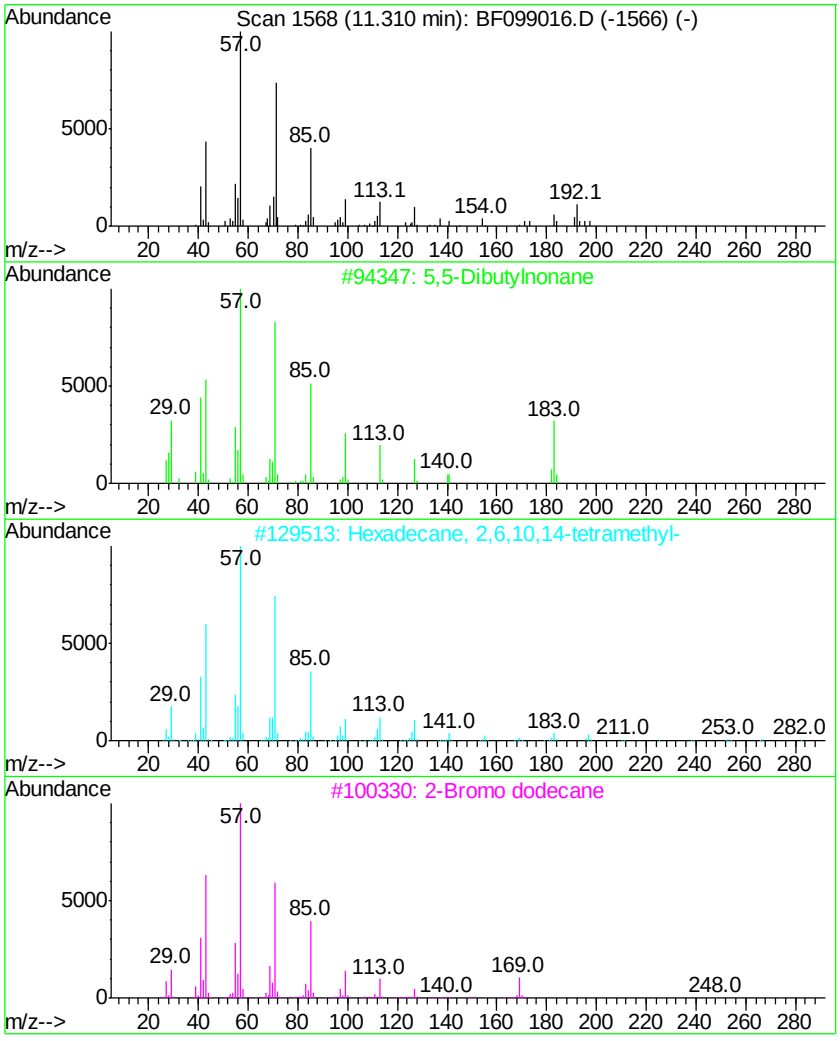
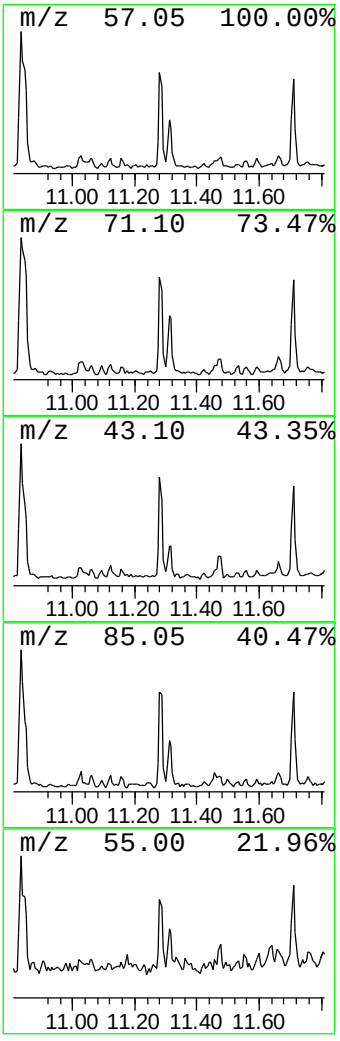
Peak Number 11 5,5-Dibutylnonane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	2.34 ng	95600	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dibutylnonane	240	C17H36	006008-17-9	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Hexacosane	366	C26H54	000630-01-3	78
5	Tridecane	184	C13H28	000629-50-5	74





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Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

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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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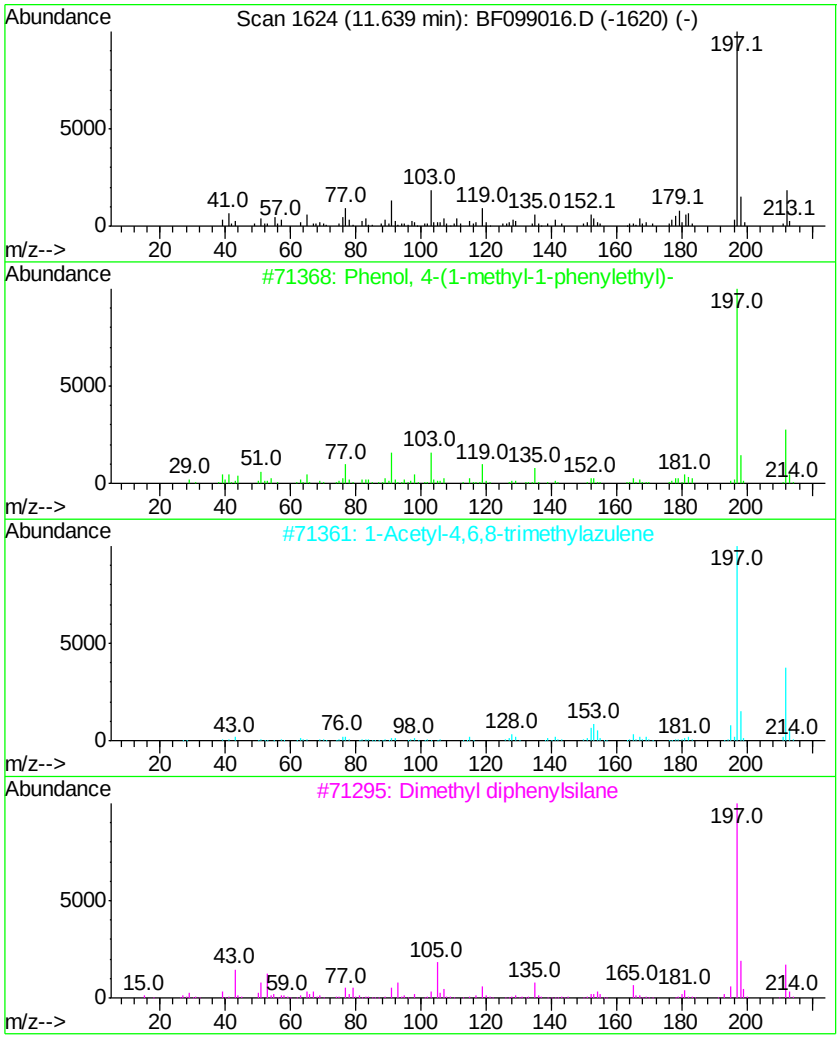
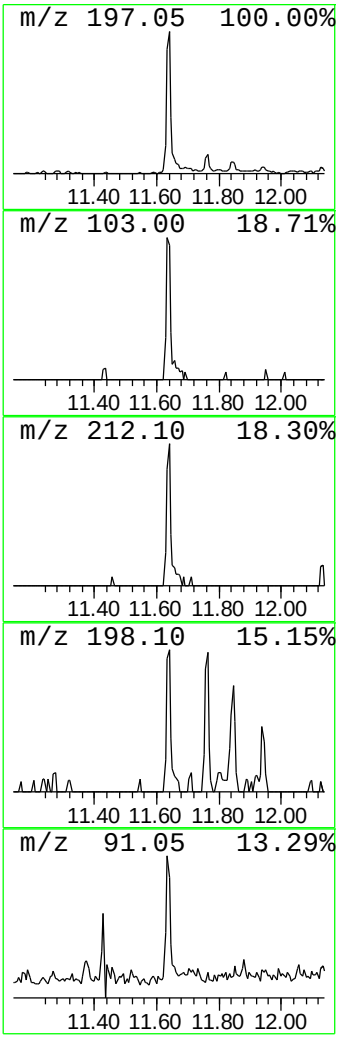
Peak Number 12 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.85 ng	116296	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	91
2	1-Acetyl-4,6,8-trimethylazulene	212	C15H16O	000834-97-9	76
3	Dimethyl diphenylsilane	212	C14H16Si	000778-24-5	64
4	4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	60
5	Benzenemethanol, 2,3,4,5,6-penta...	212	C8H5F5O	000830-50-2	59





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Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

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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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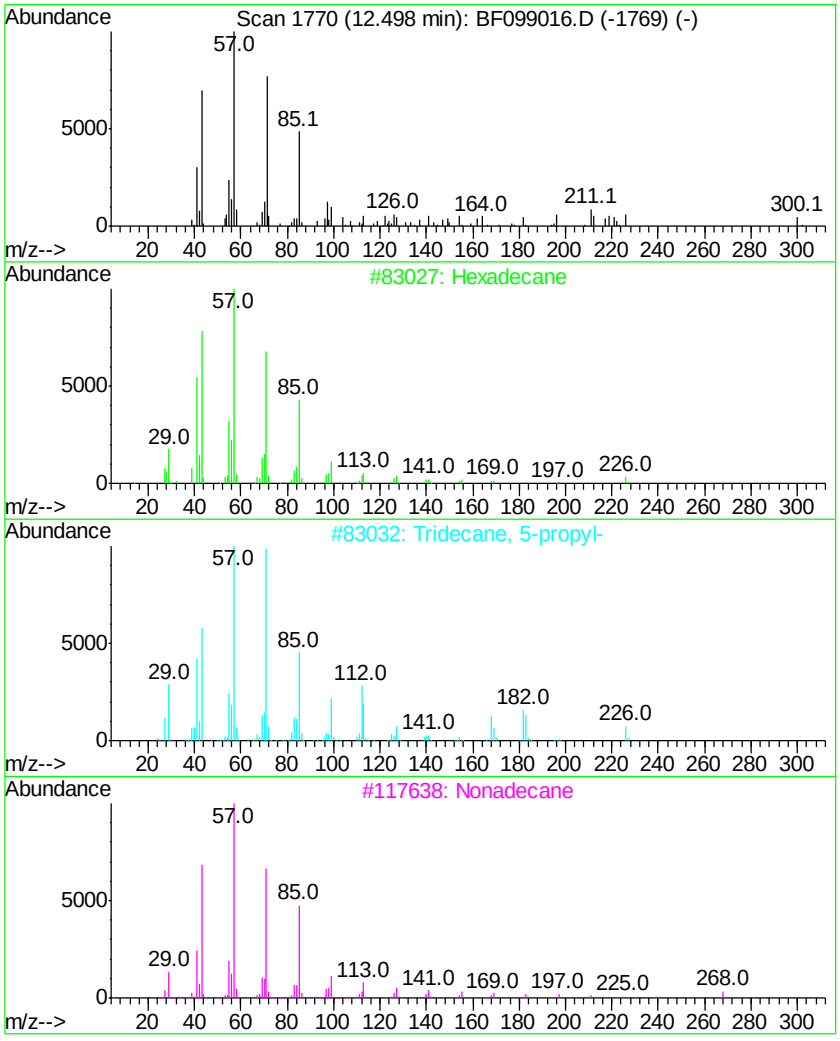
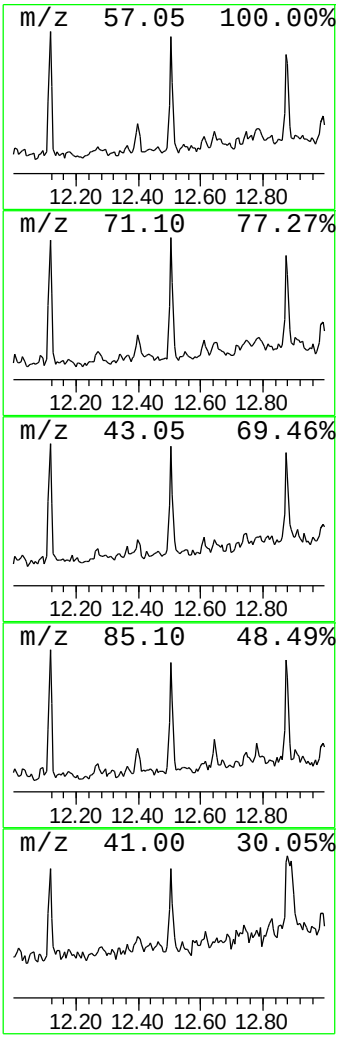
Peak Number 14 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.03 ng	82770	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5	Heptacosane	380	C27H56	000593-49-7	74





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Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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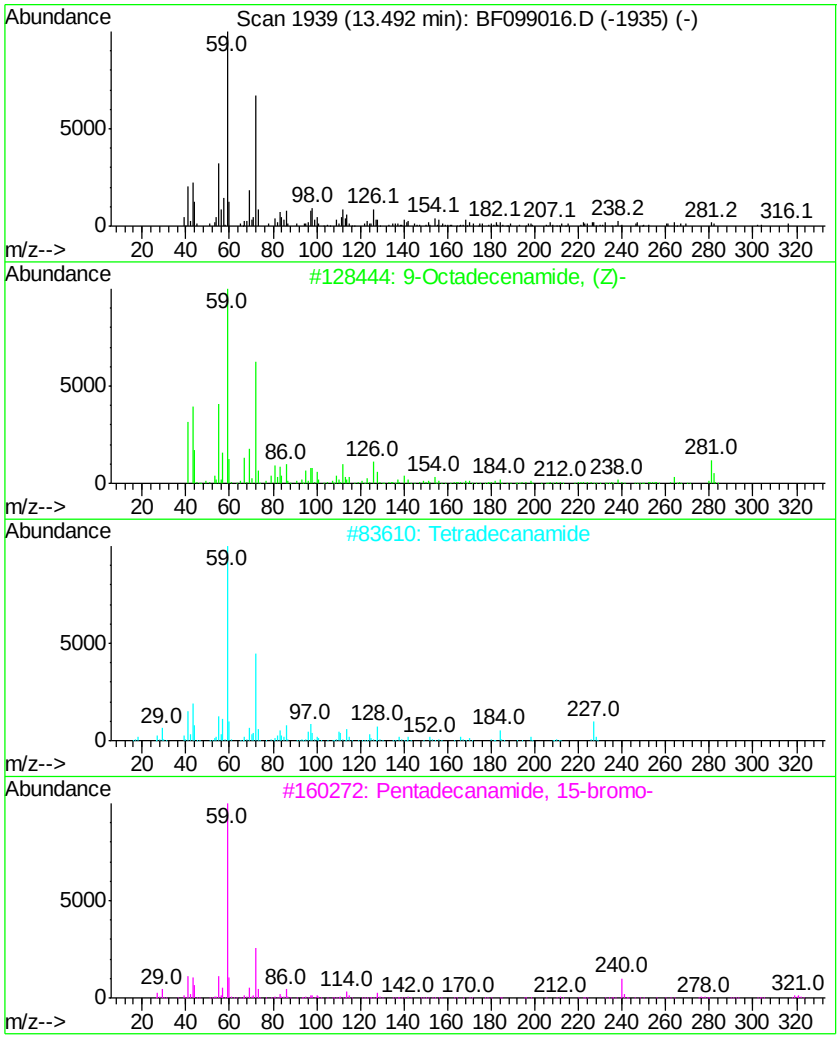
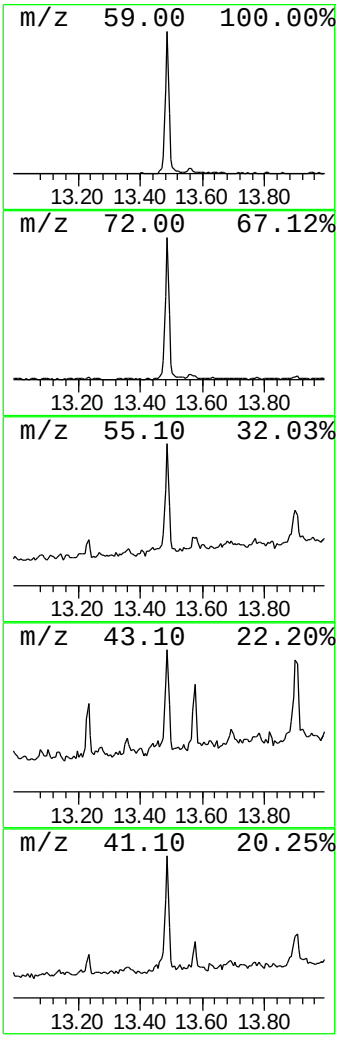
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	7.60 ng	341426	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	Tetradecanamide	227	C14H29NO	000638-58-4	64
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
4	Octanamide	143	C8H17NO	000629-01-6	59
5	6,8-Dichlorooctanamide	211	C8H15Cl2NO	003579-00-8	47





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

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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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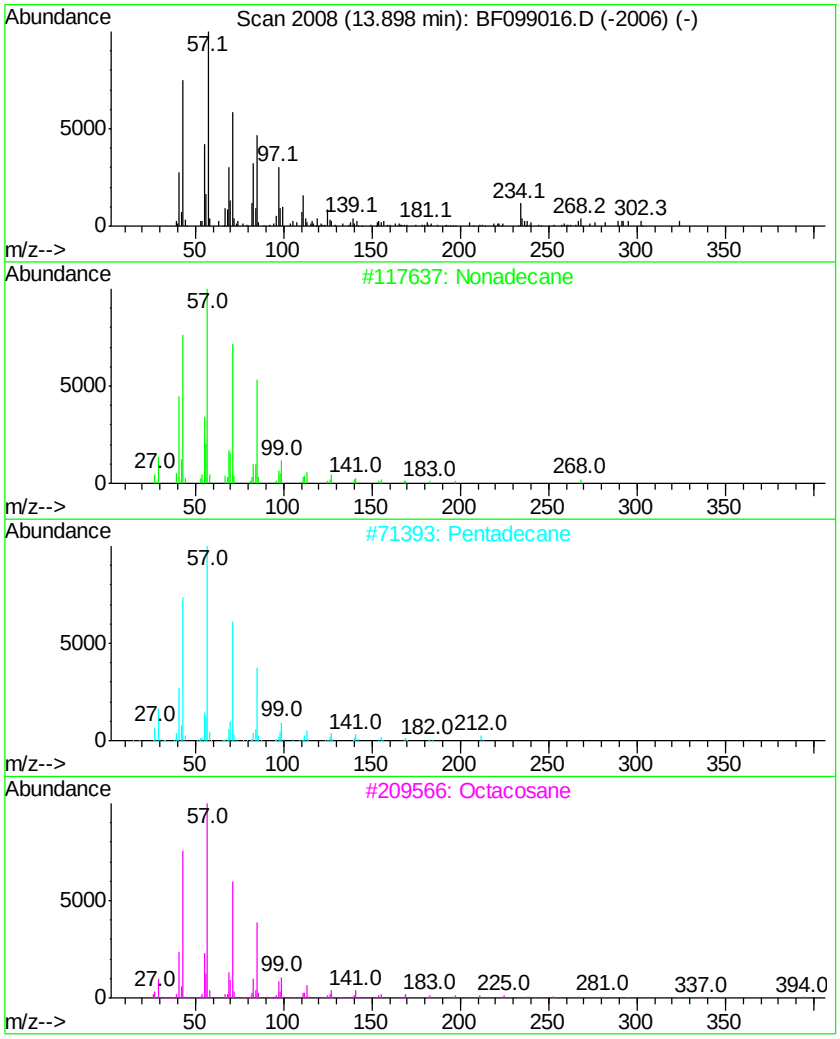
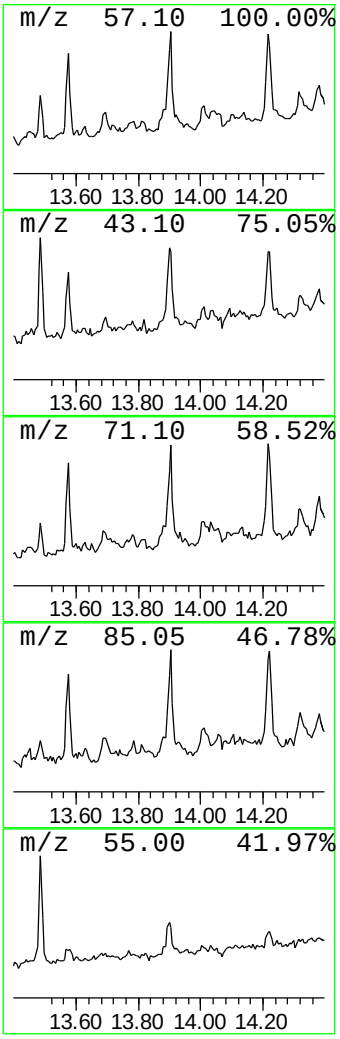
Peak Number 16 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	3.04 ng	136697	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Pentadecane	212	C15H32	000629-62-9	89
3	Octacosane	394	C28H58	000630-02-4	80
4	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	72
5	Heneicosane	296	C21H44	000629-94-7	68





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Misc :
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Instrument : BNA_F
ClientSampleId : G-66-1-2

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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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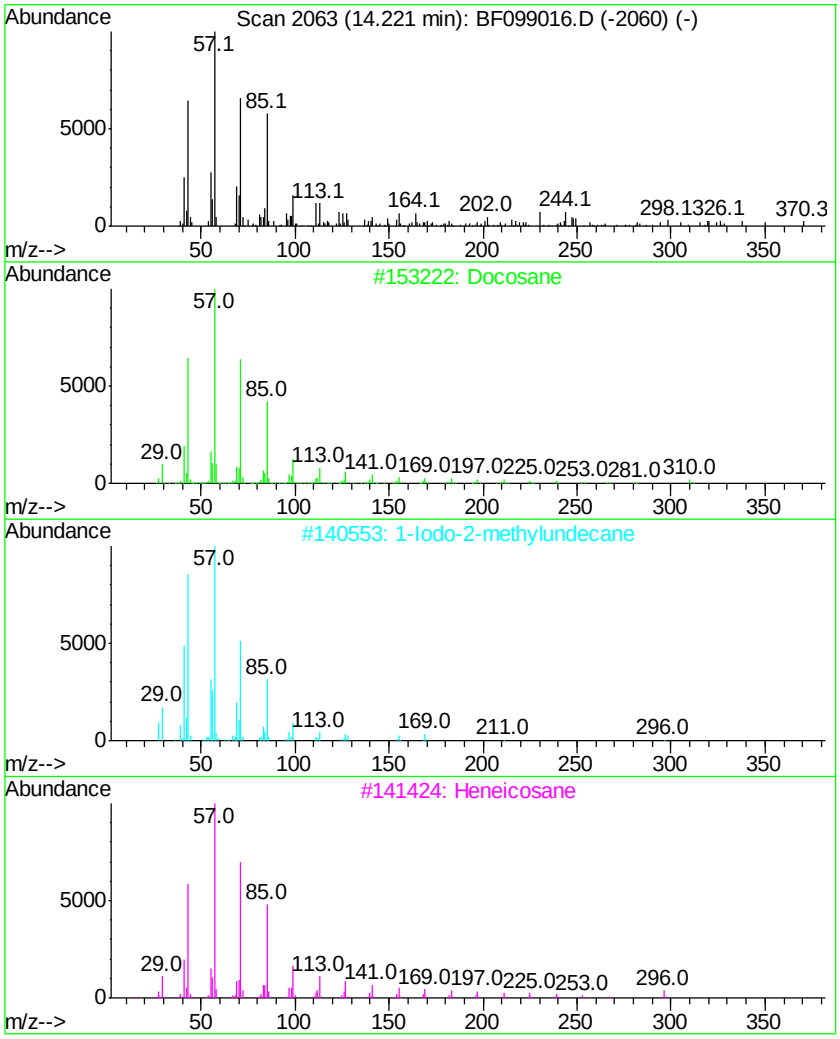
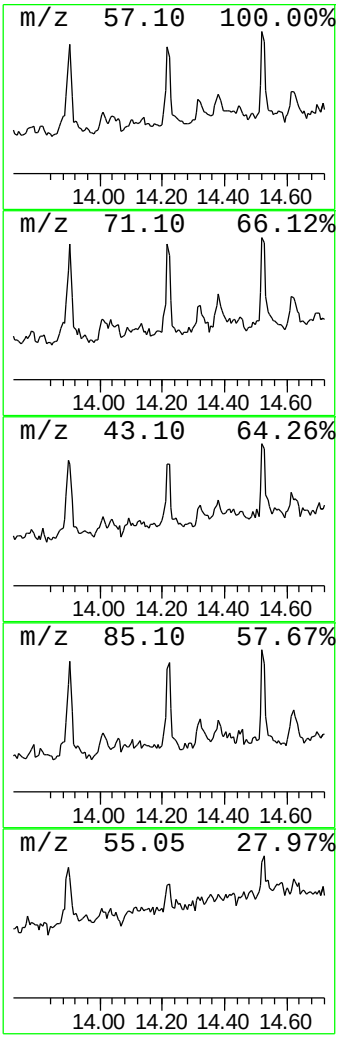
Peak Number 17 Docosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.09 ng	93819	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	83
5	Heptadecane	240	C17H36	000629-78-7	83





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Misc :
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Instrument : BNA_F
ClientSampleId : G-66-1-2

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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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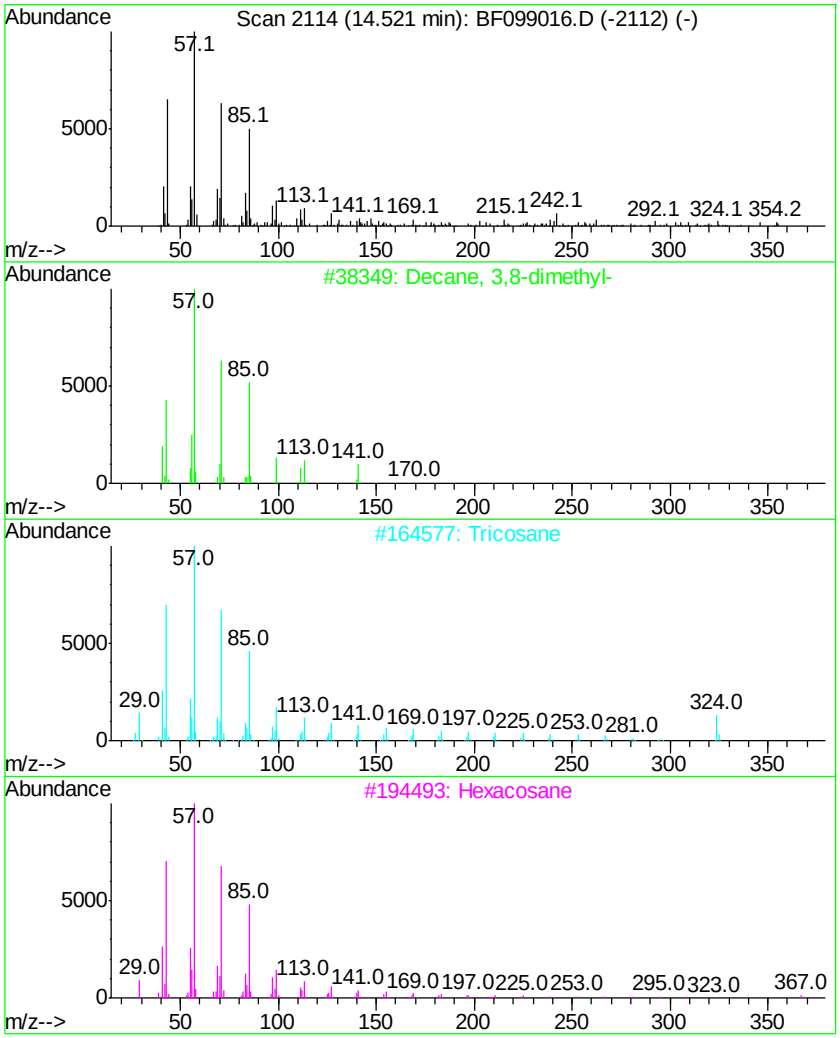
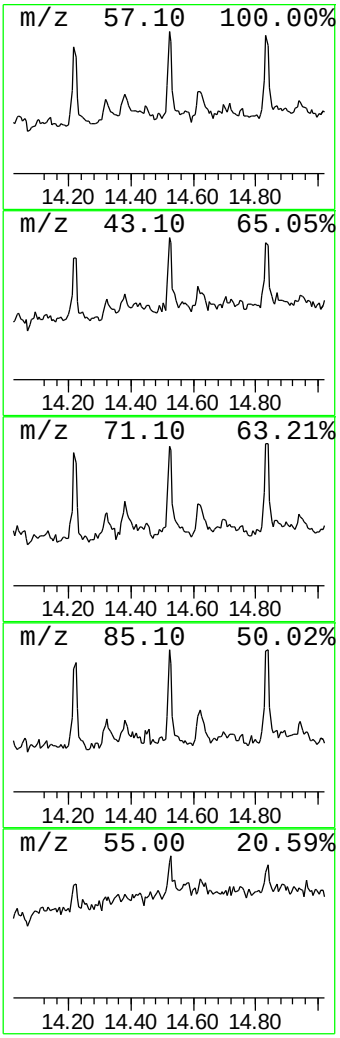
Peak Number 18 Decane, 3,8-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.59 ng	116357	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	91
2	Tricosane	324	C23H48	000638-67-5	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heneicosane	296	C21H44	000629-94-7	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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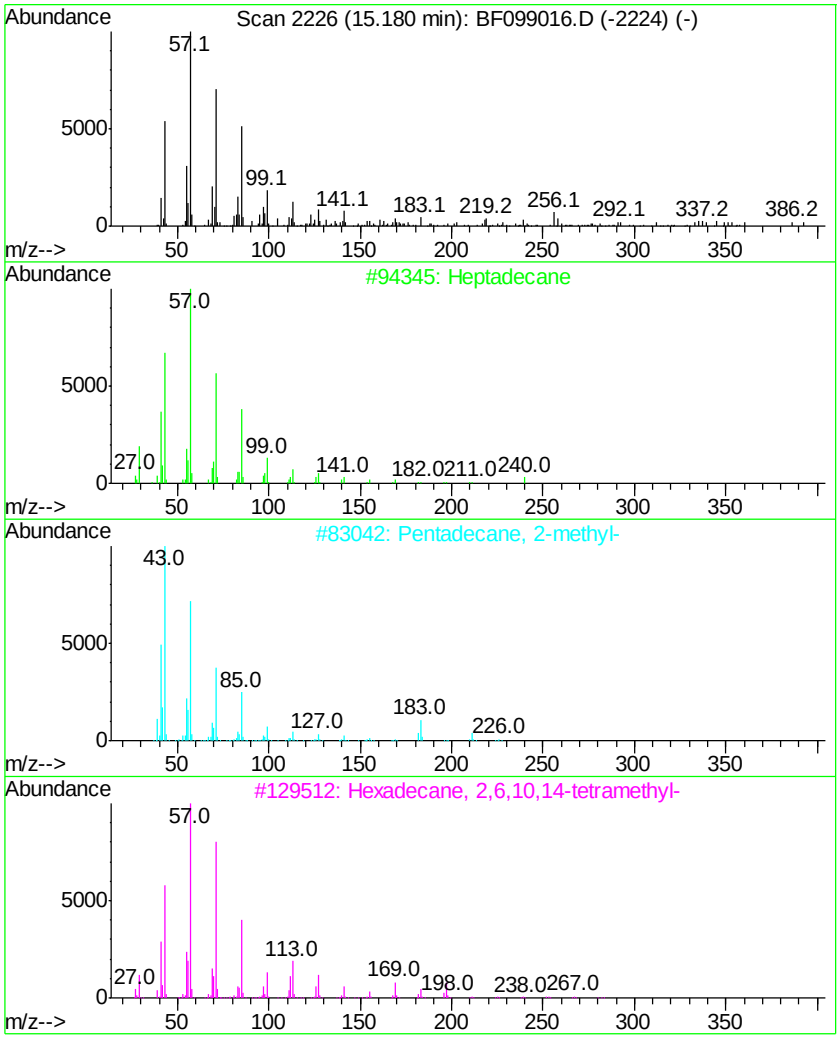
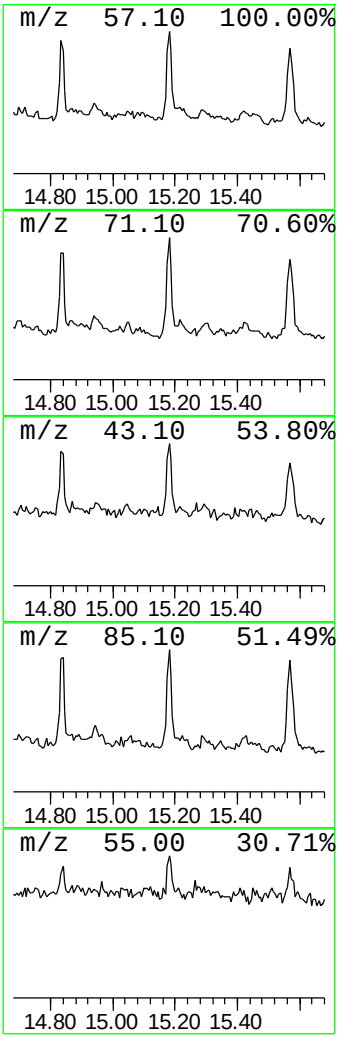
Peak Number 19 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.76 ng	154822	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
4	Docosane	310	C22H46	000629-97-0	87
5	Octadecane	254	C18H38	000593-45-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100217\
Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-66-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	2.19	2.8	ng	106592	1	6.90	771183	20.0
2-Pentanone, 4-hy...	5.12	16.6	ng	639577	1	6.90	771183	20.0
unknown6.67	6.67	33.1	ng	1278370	1	6.90	771183	20.0
Tridecane	8.77	3.7	ng	176562	2	8.19	961756	20.0
Tetradecane	9.33	5.0	ng	231206	3	9.95	918927	20.0
Pentadecane	10.36	4.1	ng	187689	3	9.95	918927	20.0
Nonane, 5-butyl-	10.83	6.1	ng	249619	4	11.43	815576	20.0
Eicosane	11.28	3.0	ng	122672	4	11.43	815576	20.0
5,5-Dibutylnonane	11.31	2.3	ng	95600	4	11.43	815576	20.0
Phenol, 4-(1-meth...	11.64	2.9	ng	116296	4	11.43	815576	20.0
Hexadecane	12.50	2.0	ng	82770	4	11.43	815576	20.0
9-Octadecenamide,...	13.49	7.6	ng	341426	5	14.07	898681	20.0
Nonadecane	13.90	3.0	ng	136697	5	14.07	898681	20.0
Docosane	14.22	2.1	ng	93819	5	14.07	898681	20.0
Decane, 3,8-dimet...	14.52	2.6	ng	116357	5	14.07	898681	20.0
Heptadecane	15.18	3.8	ng	154822	6	15.57	824149	20.0