LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103522.D
Acq On : 8 Mar 2018 17:48
Operator : SJ/JU
Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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-BF022218.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	3.922	307	312	320	rBV	36449	68509	2.38%	0.158%
2	5.087	508	510	525	rBV	51803	90248	3.13%	0.208%
3	5.445	567	571	576	rBV	42037	80552	2.80%	0.186%
4	5.498	576	580	607	rVV	1216228	2630817	91.33%	6.069%
5	5.704	612	615	622	rVB2	36656	50884	1.77%	0.117%
6	6.510	749	752	771	rBV	1271880	2880521	100.00%	6.645%
7	6.639	771	774	793	rVB	2140047	2842935	98.70%	6.559%
8	6.810	798	803	808	rVB8	22417	46332	1.61%	0.107%
9	6.863	808	812	819	rBV	844684	864663	30.02%	1.995%
10	7.016	835	838	847	rBV	1852023	1878444	65.21%	4.334%
11	7.122	854	856	862	rVB3	31899	30630	1.06%	0.071%
12	7.386	894	901	905	rVB10	18915	35290	1.23%	0.081%
13	7.433	905	909	919	rBV	1457796	1816959	63.08%	4.192%
14	8.145	1027	1030	1041	rBV	869779	1188828	41.27%	2.743%
15	8.516	1088	1093	1097	rBV5	18474	31783	1.10%	0.073%
16	8.722	1123	1128	1131	rVV2	48636	52130	1.81%	0.120%
17	8.822	1141	1145	1147	rBV4	22666	29329	1.02%	0.068%
18	8.863	1150	1152	1157	rBV3	49535	87155	3.03%	0.201%
19	8.963	1163	1169	1174	rBV5	53203	101041	3.51%	0.233%
20	9.086	1187	1190	1193	rVB	126881	108316	3.76%	0.250%
21	9.151	1199	1201	1207	rBV5	38153	54467	1.89%	0.126%
22	9.222	1207	1213	1220	rVV	2565399	2707690	94.00%	6.247%
23	9.286	1222	1224	1228	rVB	120846	114185	3.96%	0.263%
24	9.327	1228	1231	1236	rBV2	89208	90677	3.15%	0.209%
25	9.386	1239	1241	1246	rBV2	71375	117701	4.09%	0.272%
26	9.492	1256	1259	1263	rBV4	46957	68994	2.40%	0.159%
27	9.545	1266	1268	1270	rBV2	42325	39060	1.36%	0.090%
28	9.598	1274	1277	1281	rVB4	175388	215864	7.49%	0.498%
29	9.663	1286	1288	1289	rBV2	39703	28900	1.00%	0.067%
30	9.763	1302	1305	1310	rBV2	154216	226862	7.88%	0.523%
31	9.816	1310	1314	1317	rVV2	187322	237607	8.25%	0.548%
32	9.904	1322	1329	1332	rVV2	1117619	1210255	42.02%	2.792%
33	9.939	1332	1335	1342	rVB	846802	848324	29.45%	1.957%
34	10.057	1353	1355	1360	rBV	136137	172862	6.00%	0.399%

LSC Area Percent Report

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Data File : BF103522.D
Acq On : 8 Mar 2018 17:48
Operator : SJ/JU
Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

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-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.116	1361	1365	1367	rBV	186923	211153	7.33%	0.487%
36	10.227	1379	1384	1387	rBV4	130402	262581	9.12%	0.606%
37	10.316	1394	1399	1403	rBV2	560638	678356	23.55%	1.565%
38	10.539	1432	1437	1439	rVB2	340226	469012	16.28%	1.082%
39	10.563	1439	1441	1444	rBV3	154410	151303	5.25%	0.349%
40	10.657	1455	1457	1461	rBV3	141082	185779	6.45%	0.429%
41	10.704	1461	1465	1471	rBV4	1188929	1596786	55.43%	3.684%
42	10.792	1477	1480	1485	rBV	1126708	1321698	45.88%	3.049%
43	10.892	1494	1497	1499	rBV4	145502	146868	5.10%	0.339%
44	11.121	1533	1536	1537	rBV2	296717	309542	10.75%	0.714%
45	11.245	1554	1557	1559	rBV2	468264	424862	14.75%	0.980%
46	11.269	1559	1561	1564	rVB	230466	207875	7.22%	0.480%
47	11.321	1567	1570	1572	rBV3	256422	206077	7.15%	0.475%
48	11.404	1581	1584	1586	rBV	943369	880951	30.58%	2.032%
49	11.427	1586	1588	1592	rVB	633047	530956	18.43%	1.225%
50	11.480	1595	1597	1601	rBV2	515680	717201	24.90%	1.655%
51	11.651	1624	1626	1627	rBV2	250136	197554	6.86%	0.456%
52	11.669	1627	1629	1632	rVB	662060	554318	19.24%	1.279%
53	11.798	1649	1651	1655	rBV2	255737	313103	10.87%	0.722%
54	11.927	1670	1673	1675	rBV	664878	687997	23.88%	1.587%
55	12.021	1685	1689	1692	rBV2	601867	936309	32.50%	2.160%
56	12.051	1692	1694	1696	rVB2	385827	329371	11.43%	0.760%
57	12.468	1762	1765	1768	rVB	489175	412578	14.32%	0.952%
58	12.639	1790	1794	1801	rVB	1671674	1926534	66.88%	4.444%
59	12.704	1803	1805	1808	rVB3	276979	241091	8.37%	0.556%
60	12.839	1825	1828	1830	rBV2	820718	836692	29.05%	1.930%
61	12.863	1830	1832	1837	rVB	1520980	1550406	53.82%	3.577%
62	12.992	1850	1854	1859	rBV	1258514	1303570	45.25%	3.007%
63	13.198	1886	1889	1892	rVB2	643764	686729	23.84%	1.584%
64	13.539	1945	1947	1950	rBV	523827	455177	15.80%	1.050%
65	13.868	2000	2003	2008	rBV2	849889	915127	31.77%	2.111%
66	14.010	2024	2027	2030	rBV	817558	686376	23.83%	1.583%
67	14.062	2032	2036	2039	rVV2	788881	1346811	46.76%	3.107%
68	14.092	2039	2041	2047	rVB	629674	617251	21.43%	1.424%

Sum of corrected areas: 43346808

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103522.D
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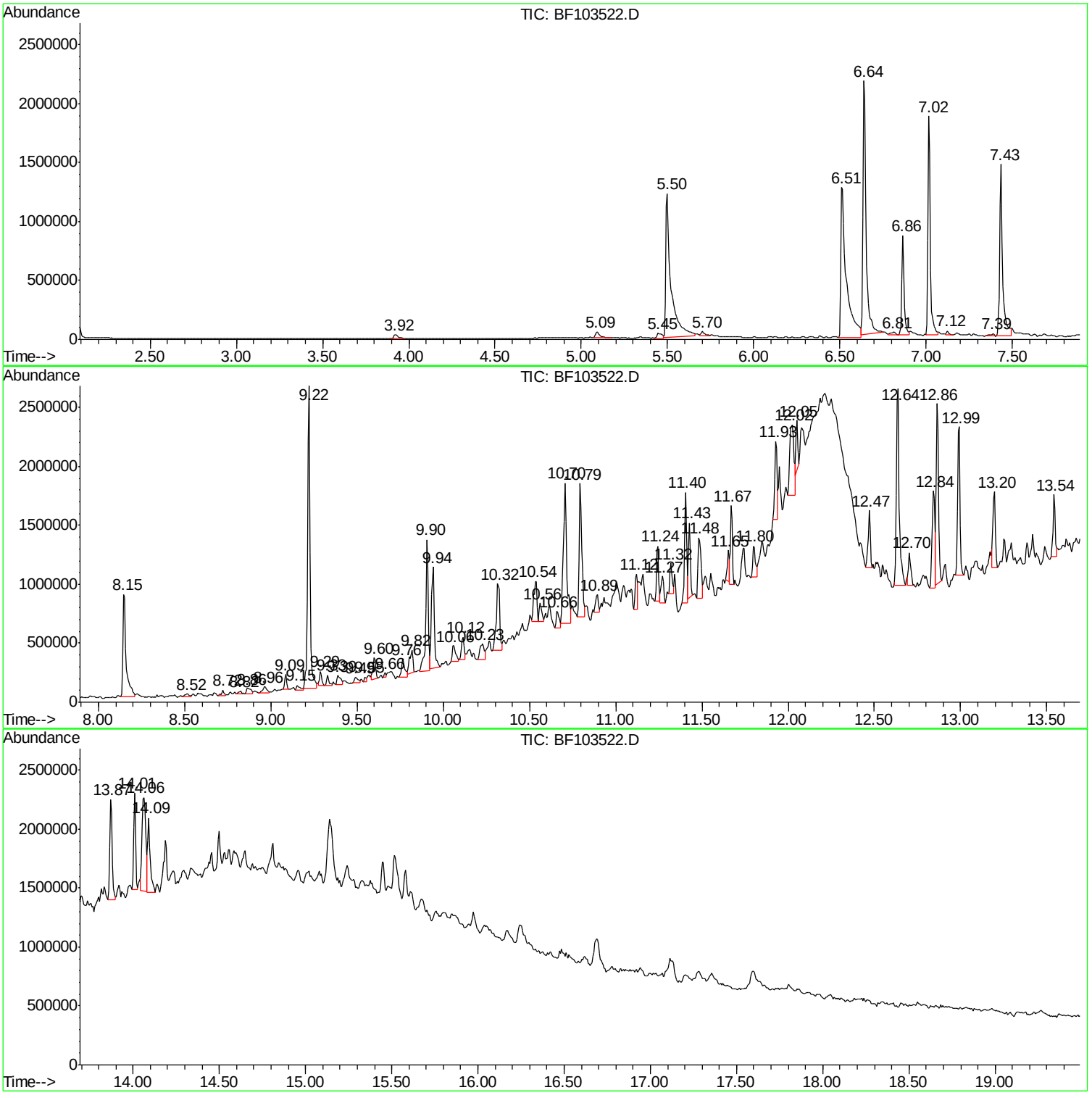
Operator : SJ/JU
Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103522.D
Acq On : 8 Mar 2018 17:48
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

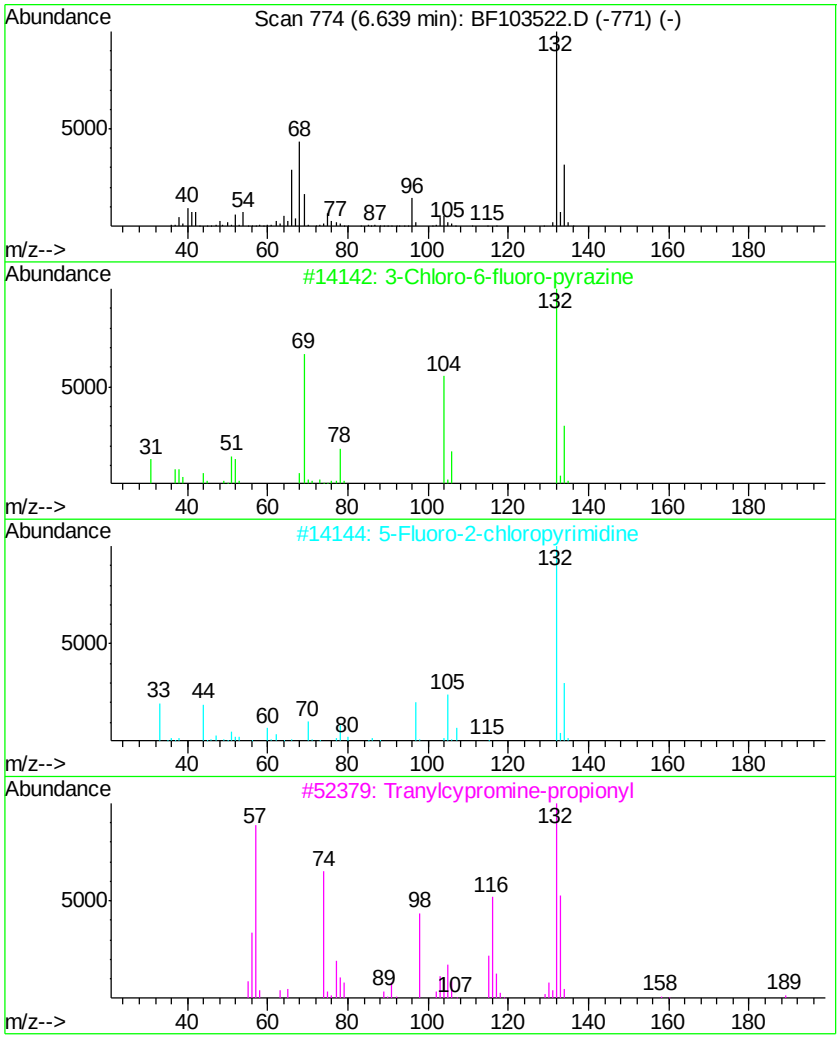
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

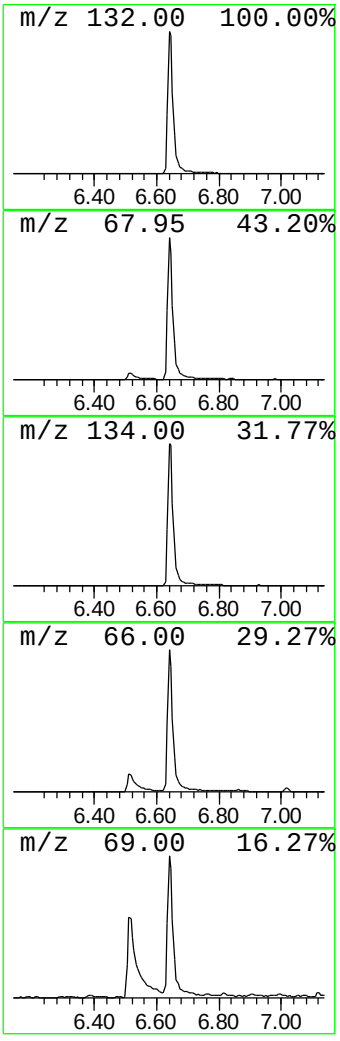
****

Peak Number 1 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	65.76 ng	2842940	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF103522.D
Acq On : 8 Mar 2018 17:48
Operator : SJ/JU
Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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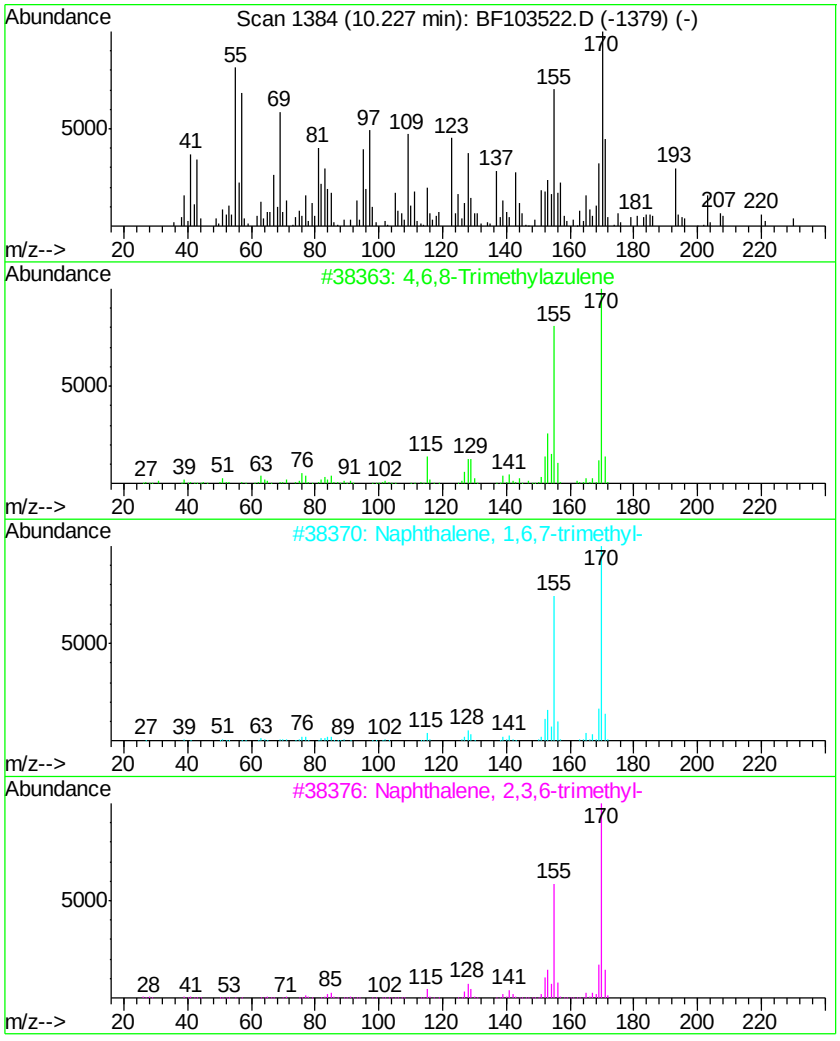
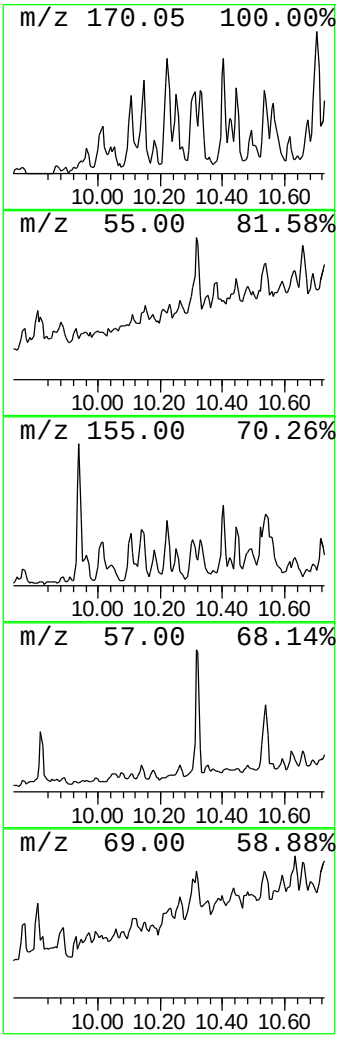
Peak Number 3 unknown10.23 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	4.34 ng	262581	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	38
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	25
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	25
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	22
5	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	22





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
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Acq On : 8 Mar 2018 17:48
Operator : SJ/JU
Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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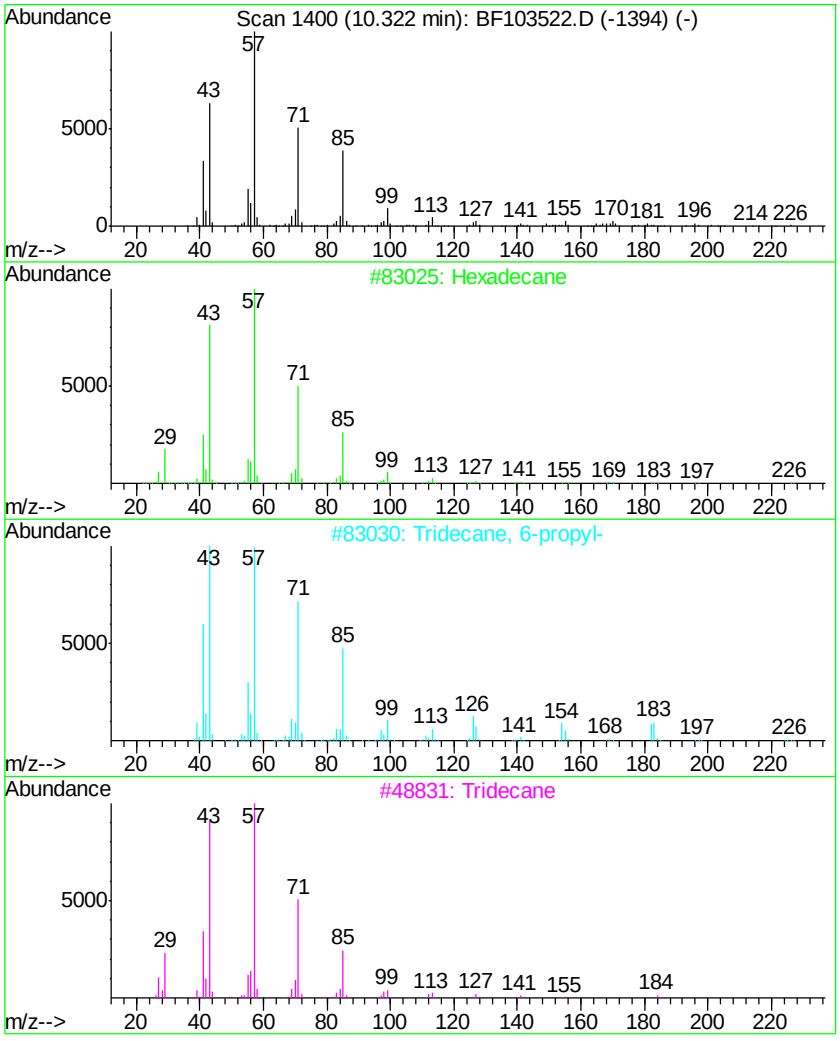
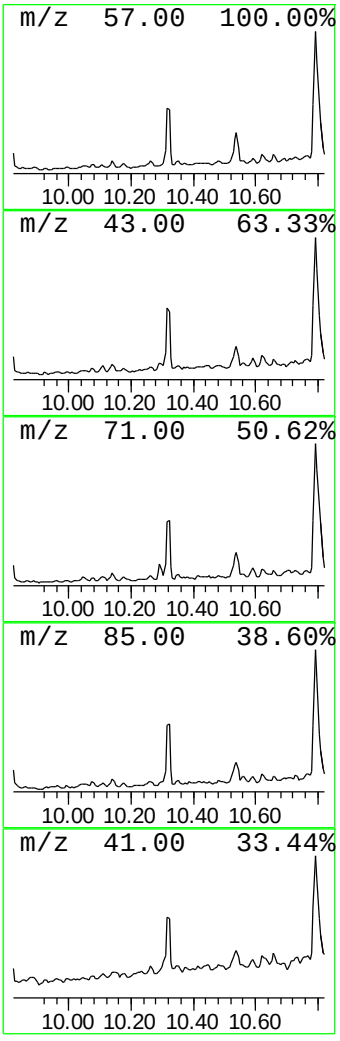
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	11.21 ng	678356	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	89
3	Tridecane	184	C13H28	000629-50-5	87
4	Dodecane	170	C12H26	000112-40-3	74
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64





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Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
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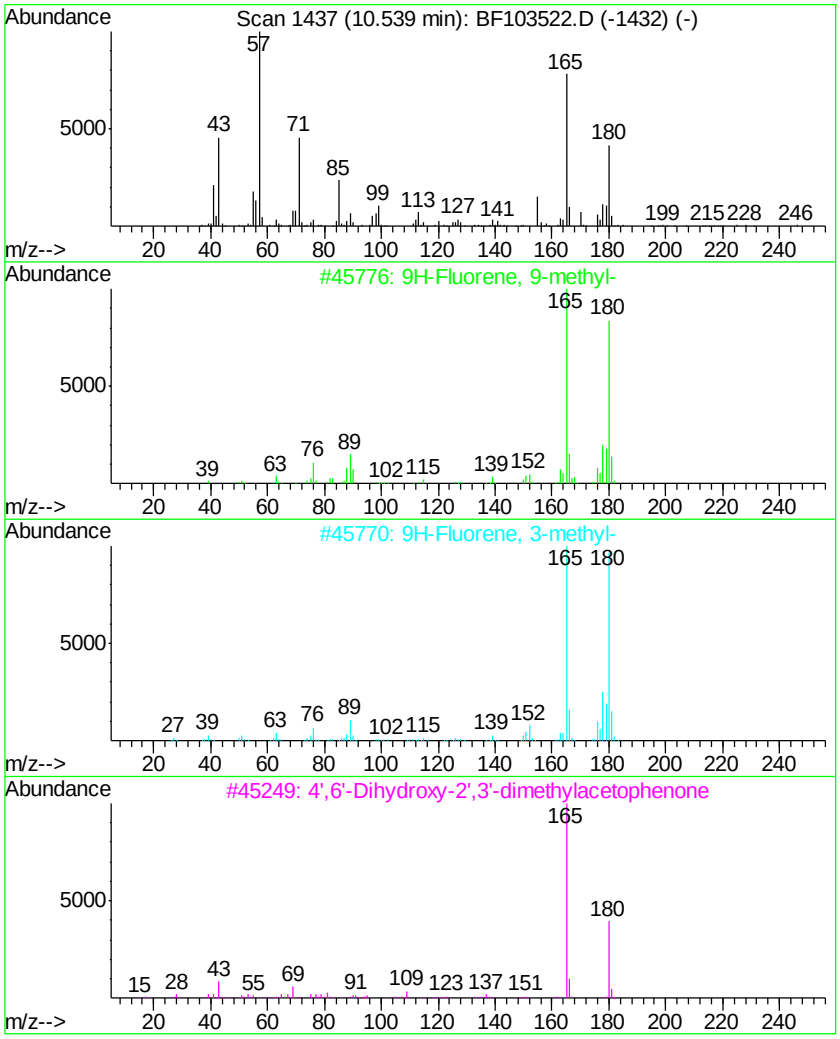
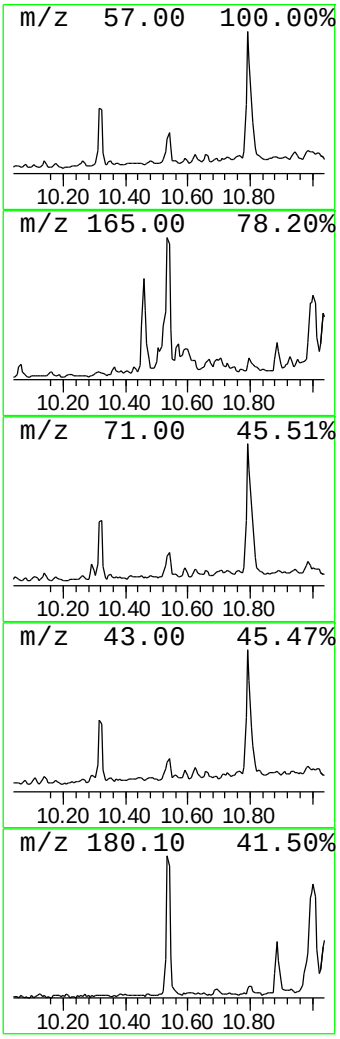
Peak Number 5 9H-Fluorene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	7.75 ng	469012	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	53
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	53
3	4',6'-Dihydroxy-2',3'-dimethylac...	180	C10H12O3	007743-14-8	46
4	Ethanone, 1-(2,5-dimethoxyphenyl)-	180	C10H12O3	001201-38-3	43
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	30





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103522.D
Acq On : 8 Mar 2018 17:48
Operator : SJ/JU
Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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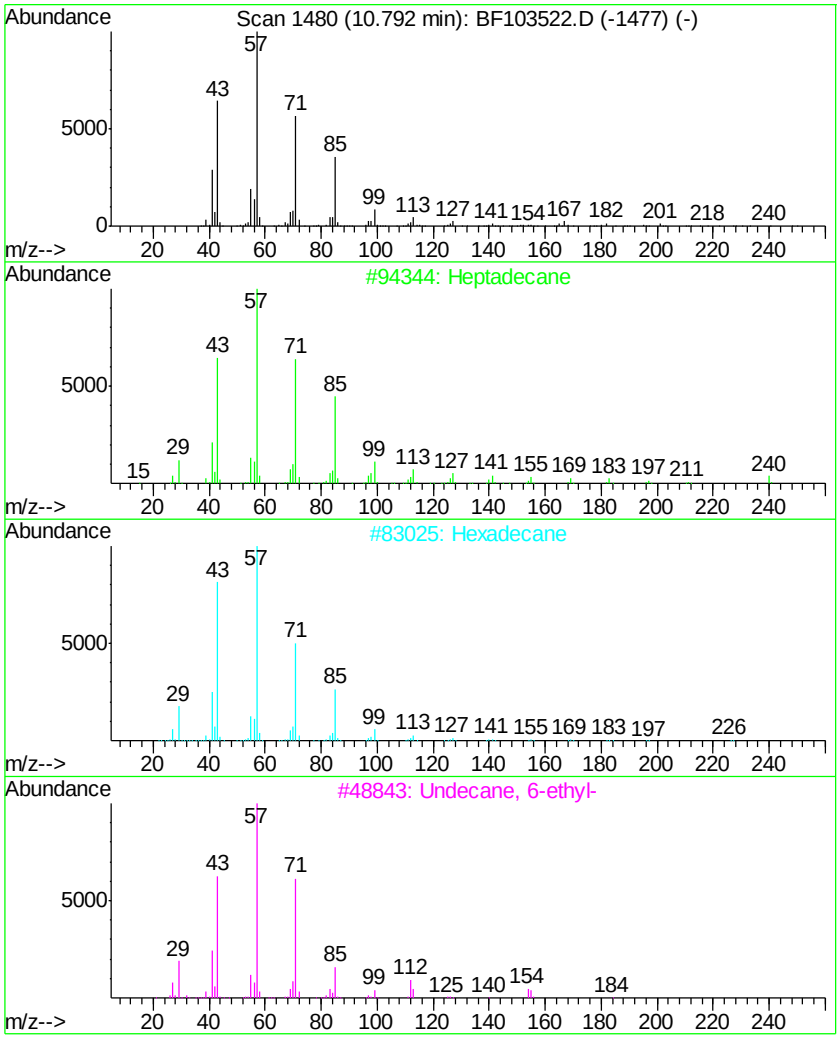
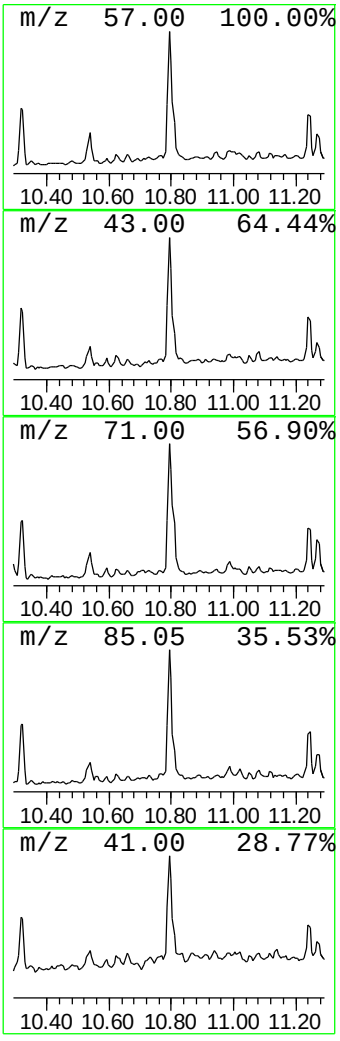
Peak Number 6 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	30.01 ng	1321700	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68





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Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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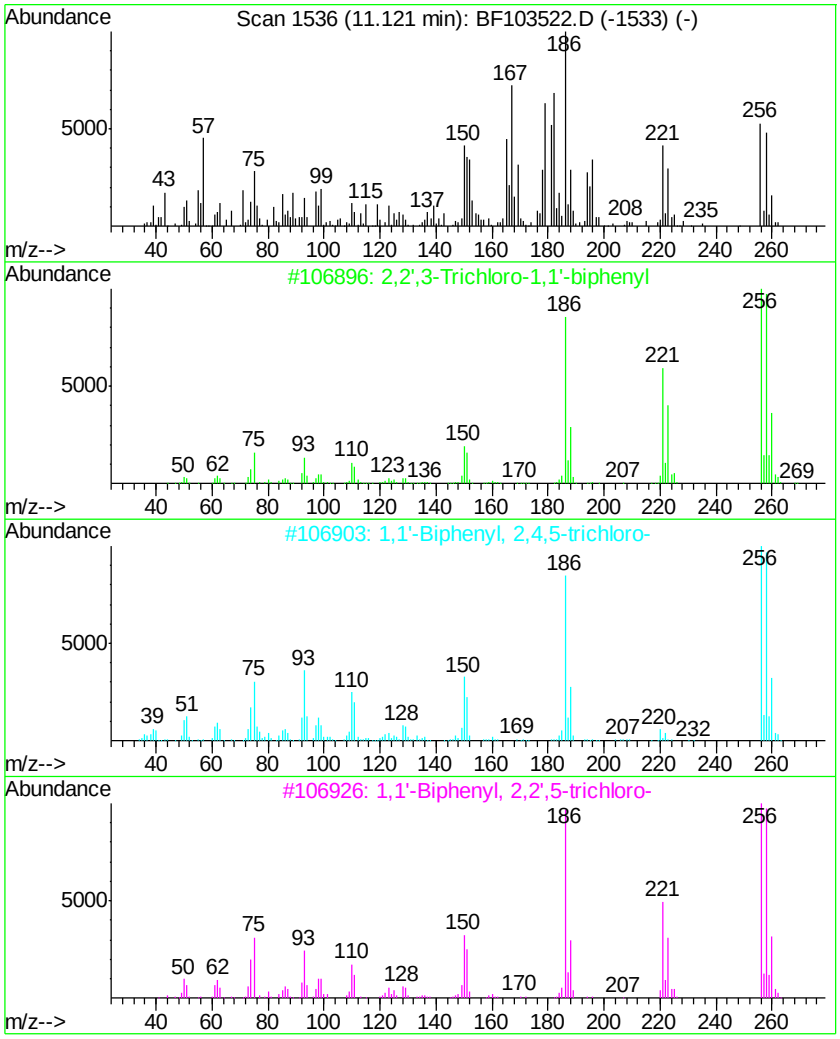
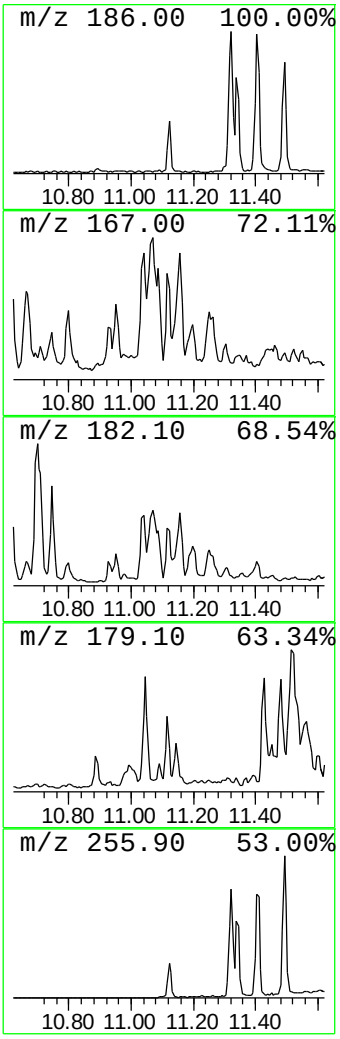
Peak Number 7 2,2',3-Trichloro-1,1'-biphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	7.03 ng	309542	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-78-9	95
2	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	90
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	83
4	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	74
5	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	66





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103522.D
Acq On : 8 Mar 2018 17:48
Operator : SJ/JU
Sample : J1819-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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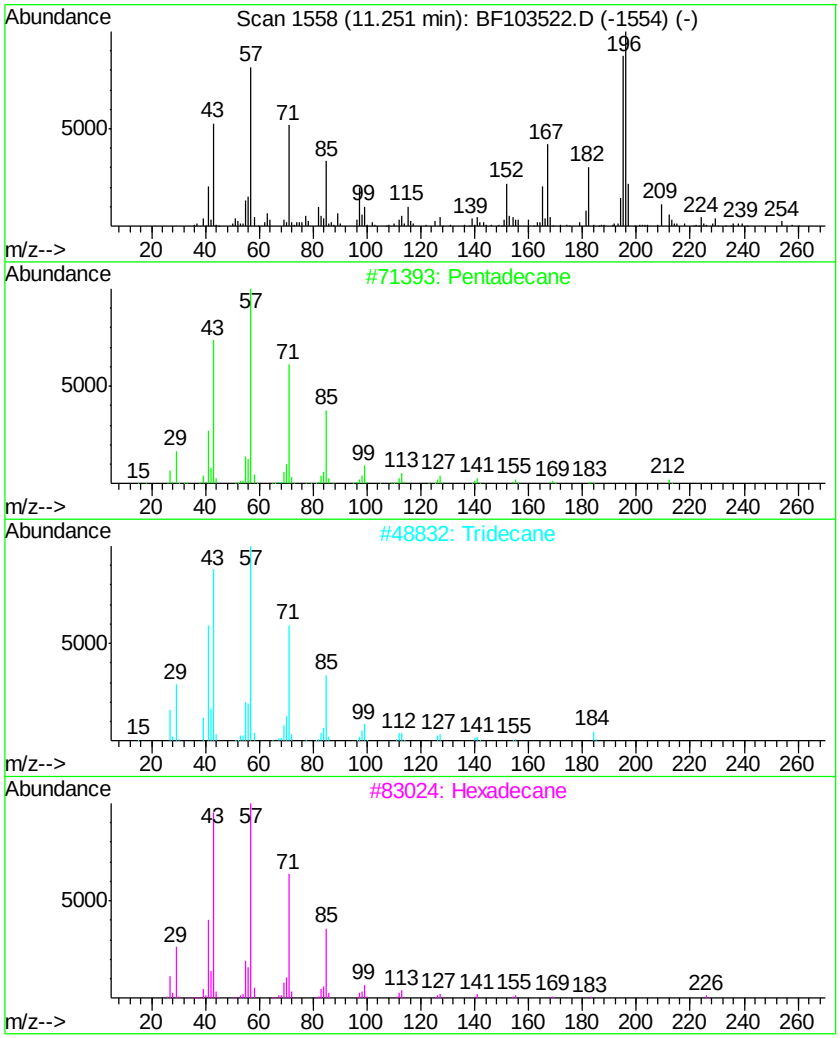
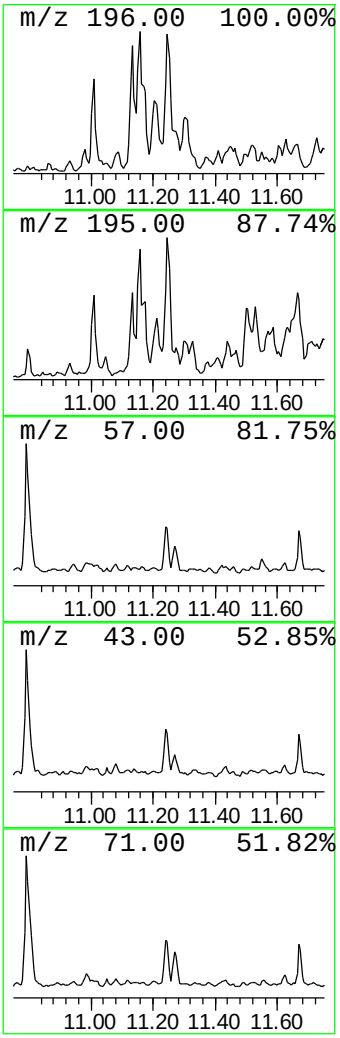
Peak Number 8 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	9.65 ng	424862	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	53
2	Tridecane	184	C13H28	000629-50-5	49
3	Hexadecane	226	C16H34	000544-76-3	49
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
5	Heptacosane	380	C27H56	000593-49-7	49





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Sample : J1819-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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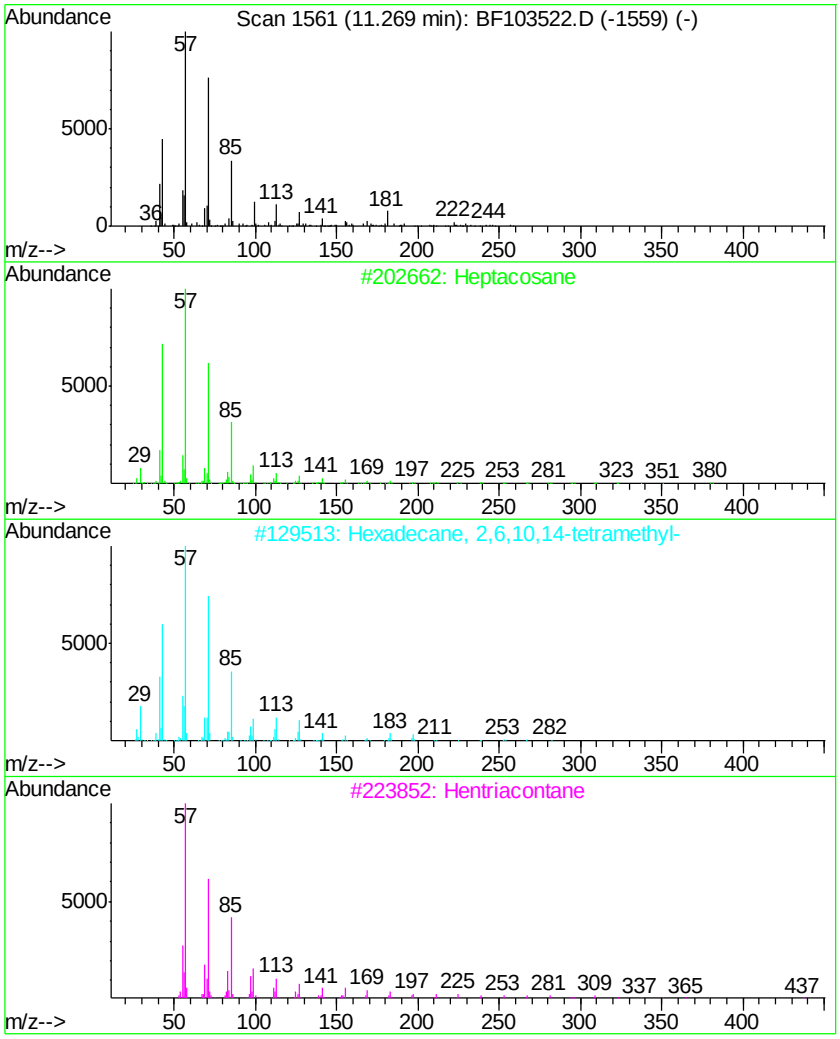
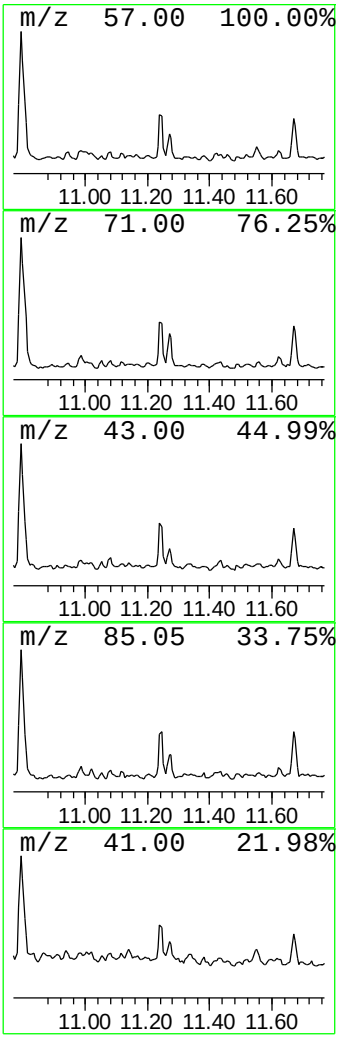
Peak Number 9 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	4.72 ng	207875	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Hentriacontane	437	C31H64	000630-04-6	78
4	Hexadecane	226	C16H34	000544-76-3	53
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53





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Instrument : BNA_F
ClientSampleId : TP-9

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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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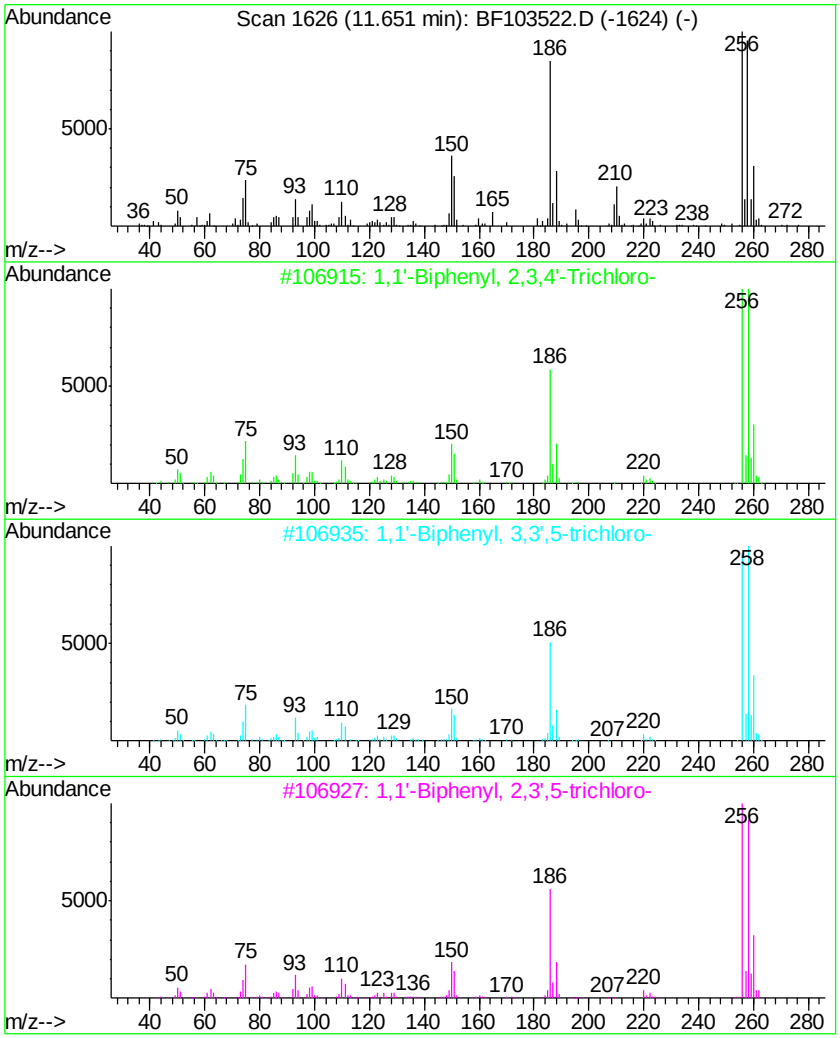
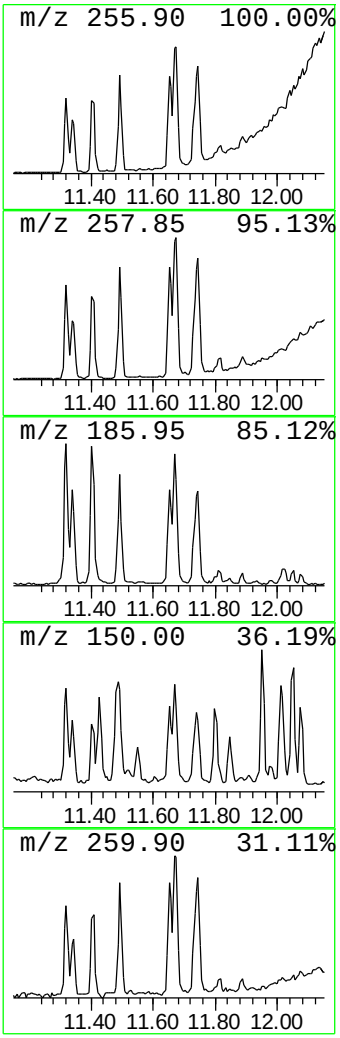
Peak Number 11 1,1'-Biphenyl, 2,3,4'-Trich... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.49 ng	197554	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
2	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	97
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	97
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
5	1,1'-Biphenyl, 2,3',4-trichloro-	256	C12H7Cl3	055712-37-3	96





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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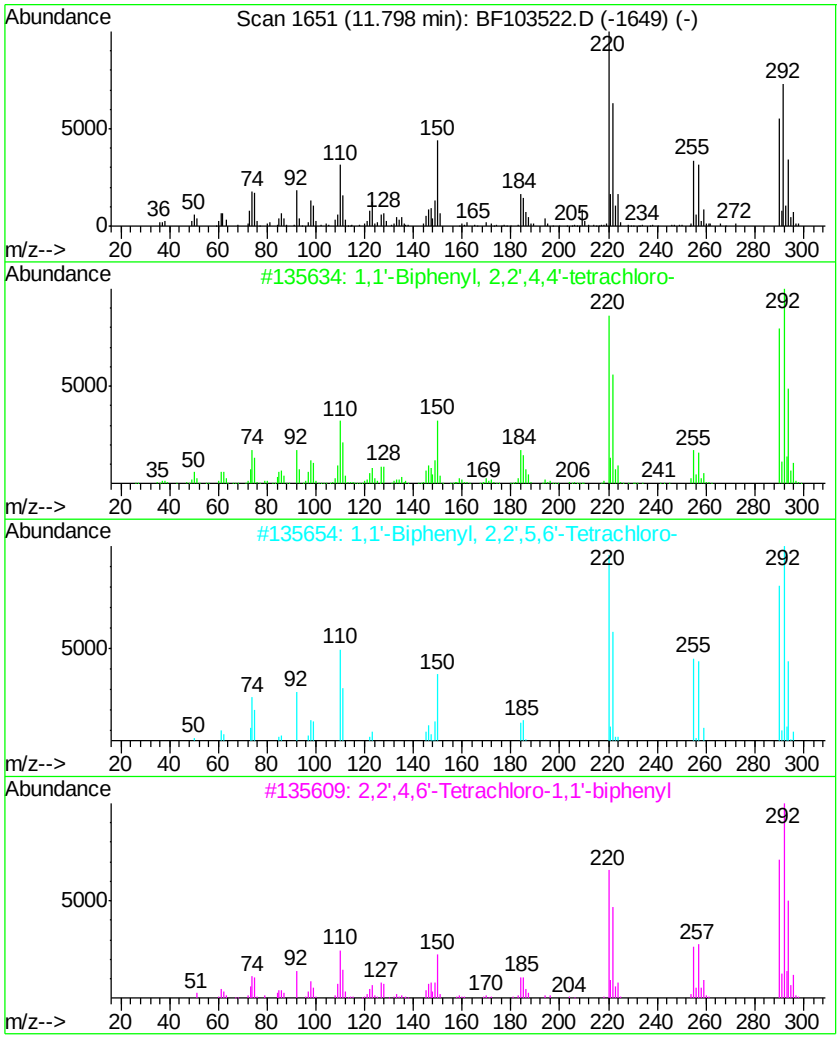
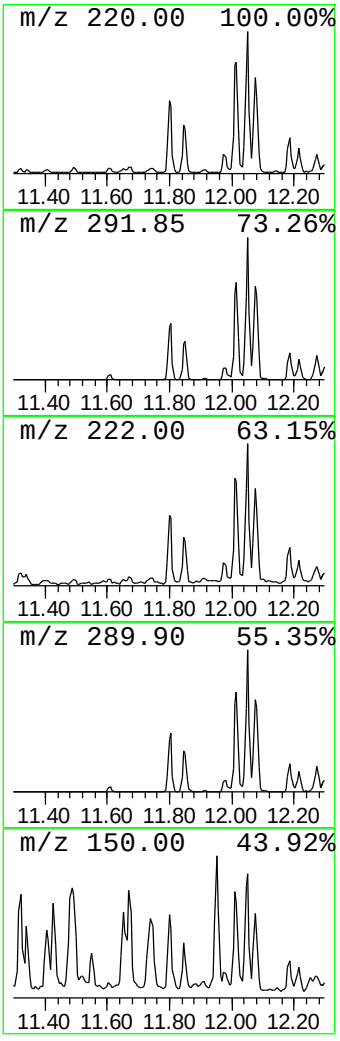
Peak Number 13 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.11 ng	313103	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	98
3	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	96
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	96
5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95





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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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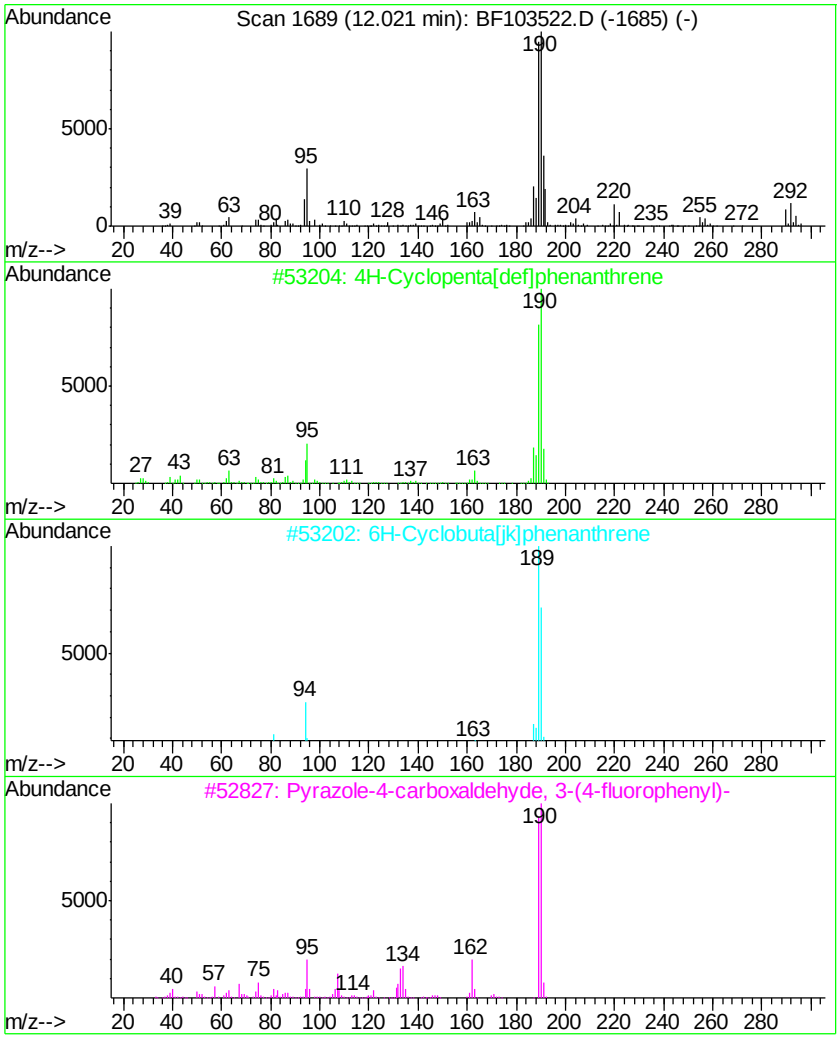
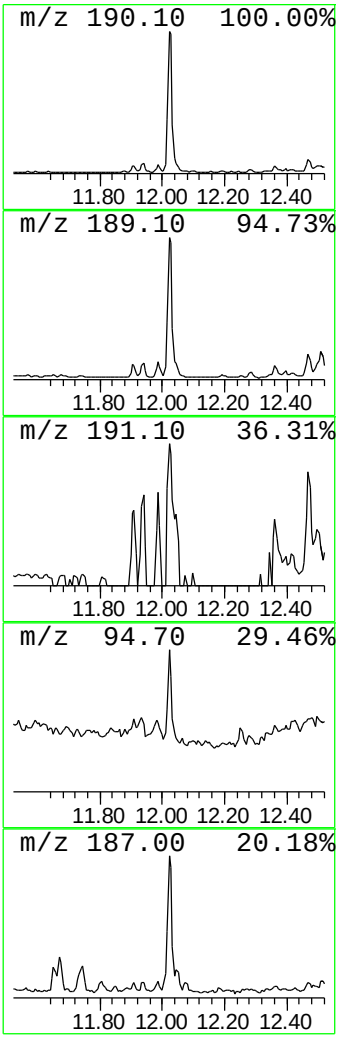
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	21.26 ng	936309	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Benzo[1,2-b:3,4-b']dithiophene	190	C10H6S2	000211-02-9	38





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Instrument : BNA_F
ClientSampleId : TP-9

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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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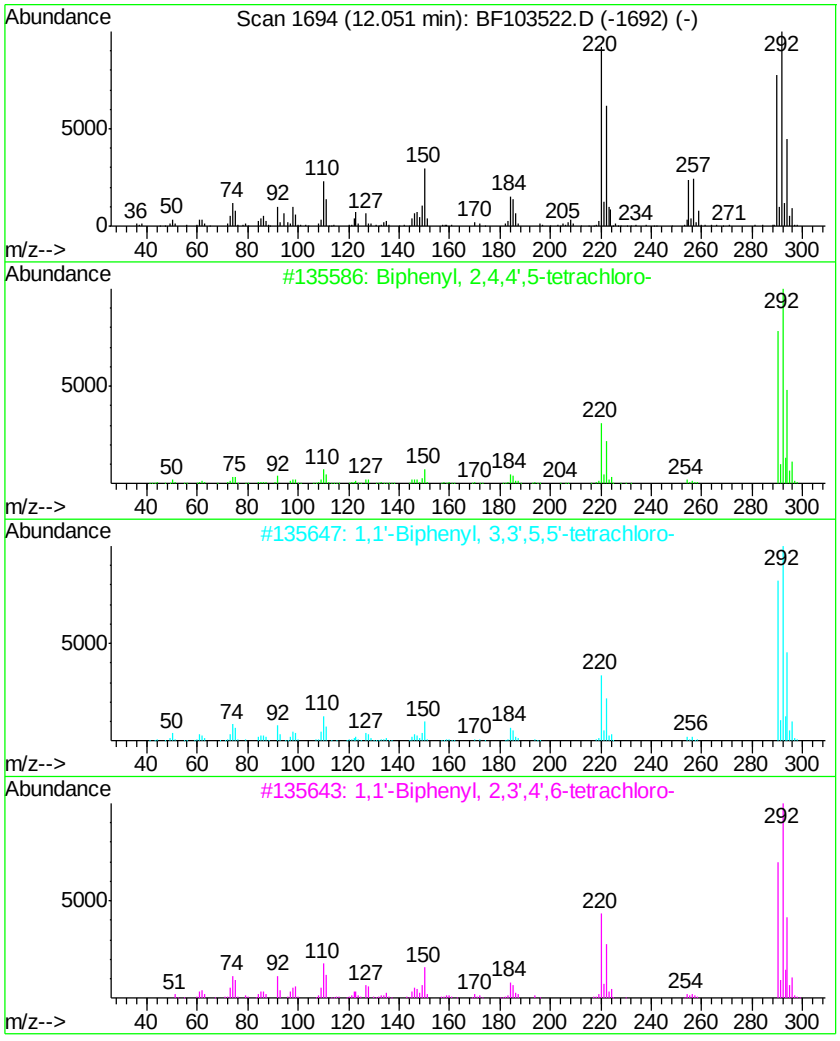
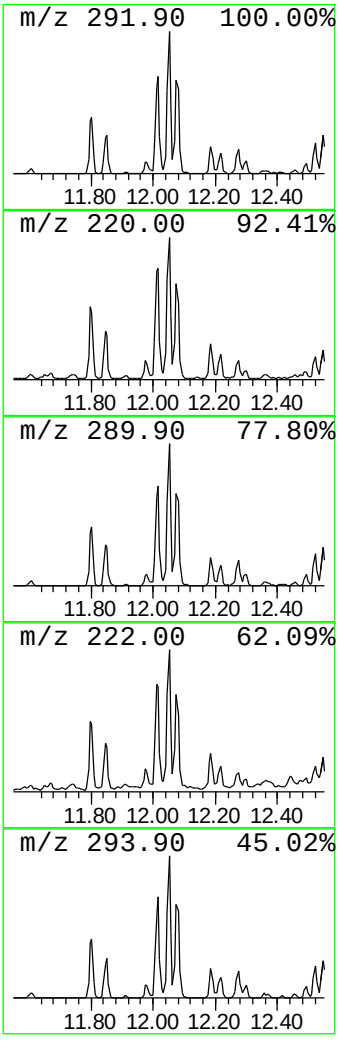
Peak Number 15 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.48 ng	329371	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
3	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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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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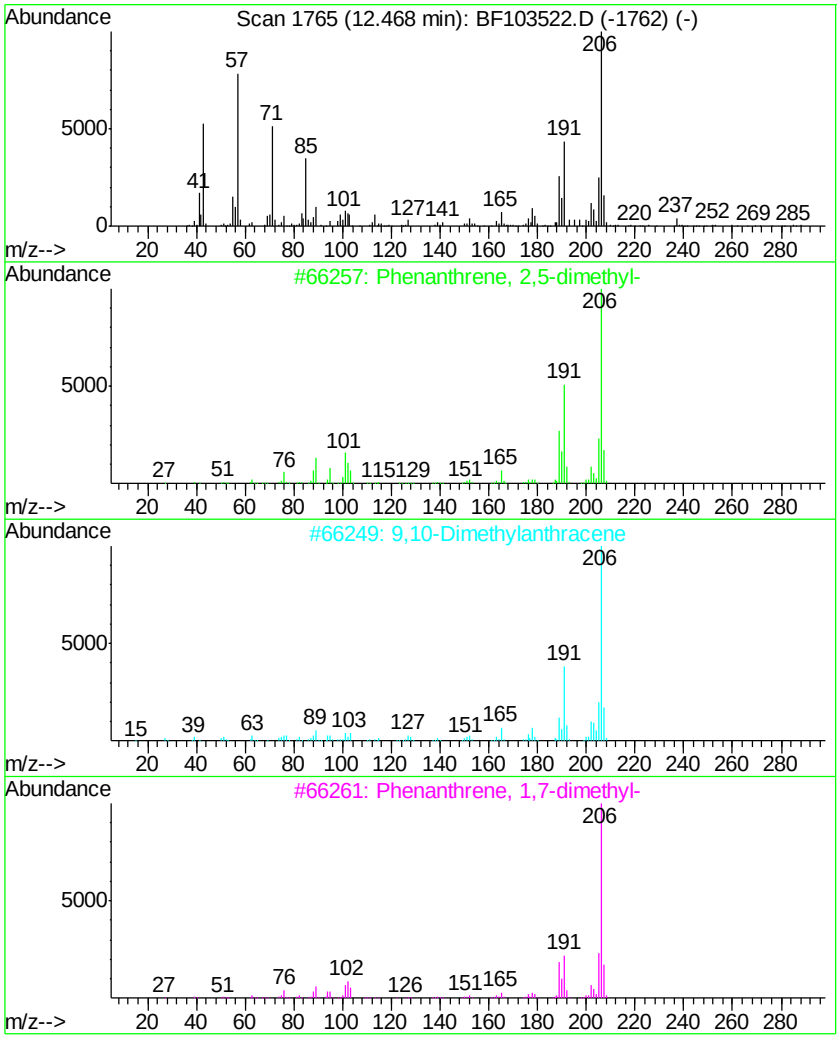
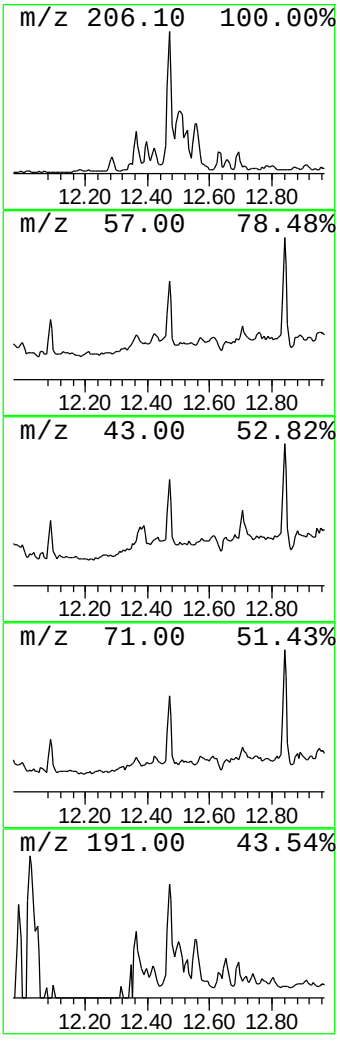
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	9.37 ng	412578	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	92
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	83





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Instrument : BNA_F
ClientSampleId : TP-9

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

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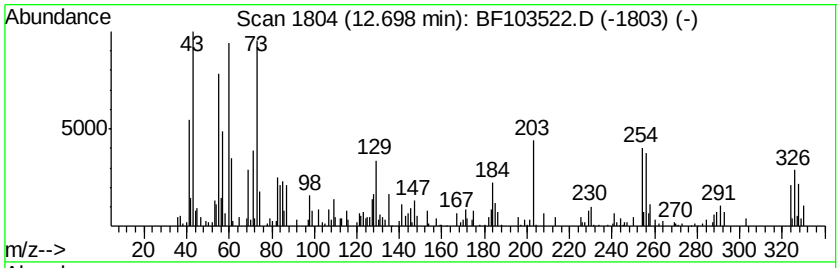
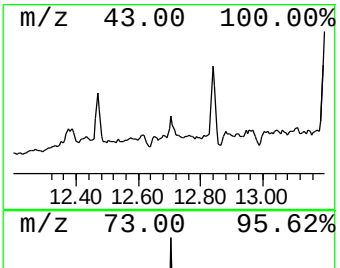
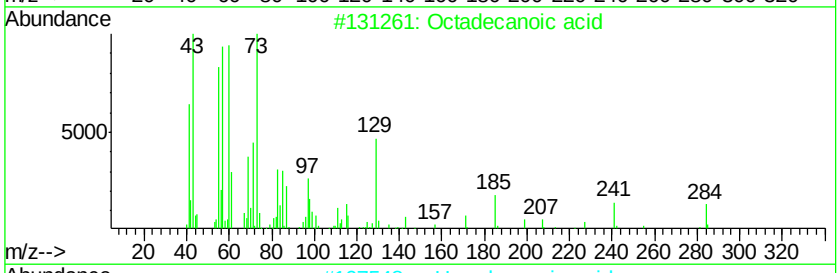
Peak Number 17 Octadecanoic acid Concentration Rank 16

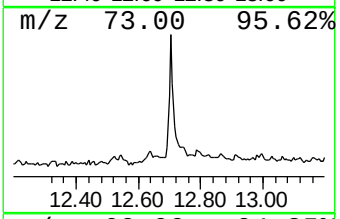
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.47 ng	241091	Phenanthrene-d10	11.40

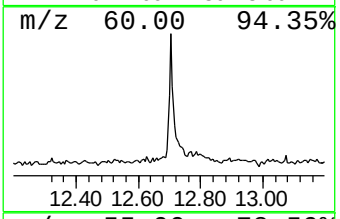
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	52
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4	Undecanoic acid	186	C11H22O2	000112-37-8	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25

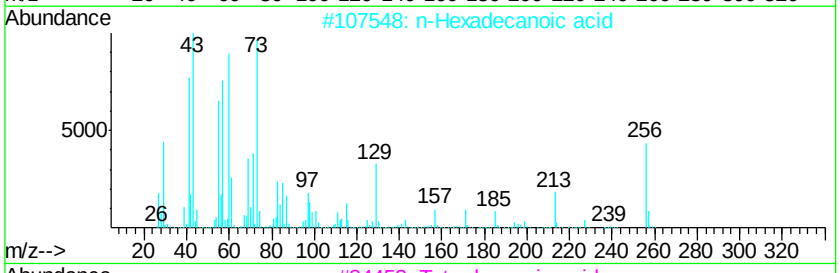


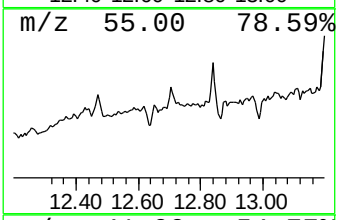


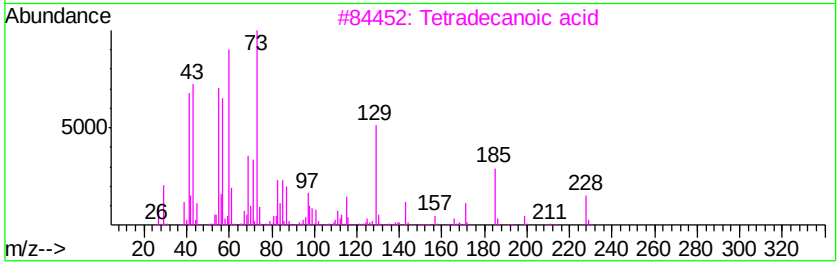


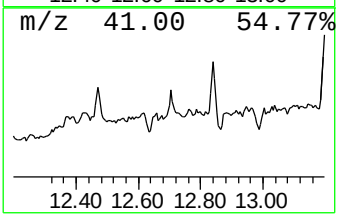












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Misc :
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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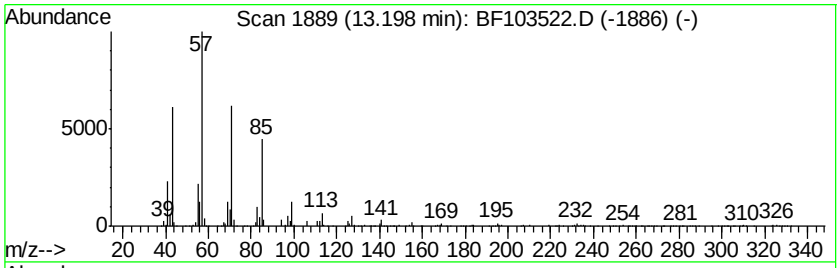
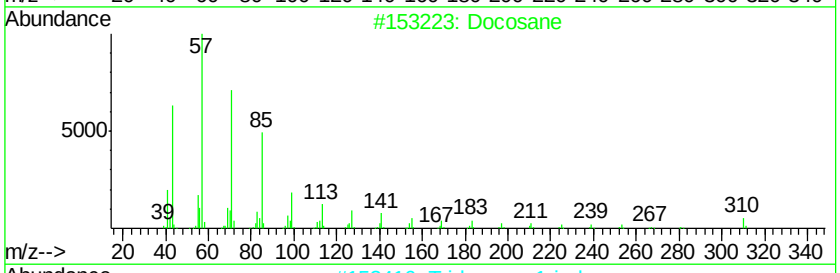
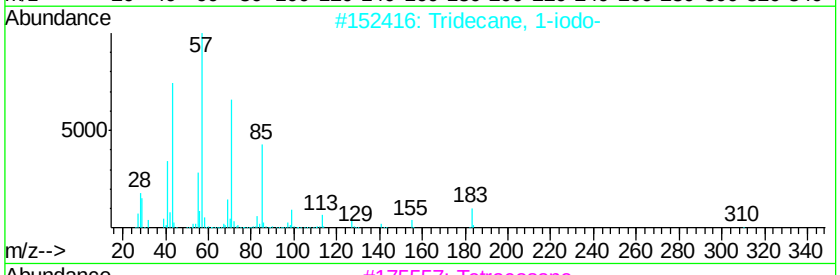
Peak Number 18 Docosane Concentration Rank 8

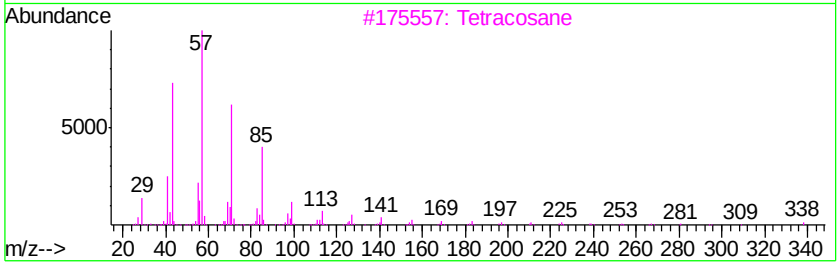
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	10.20 ng	686729	Chrysene-d12	14.07

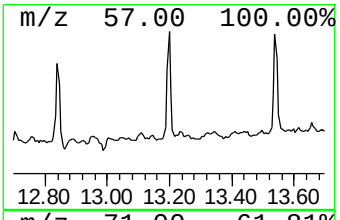
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	86

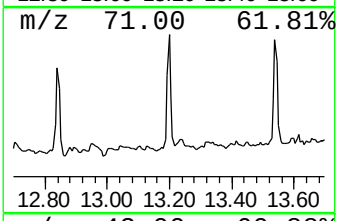


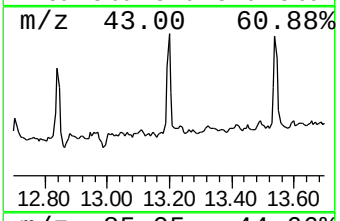


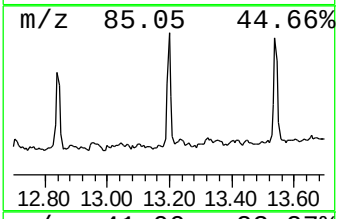


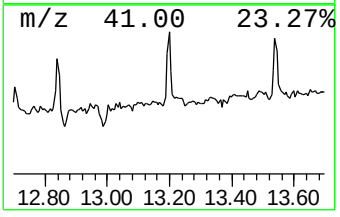












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Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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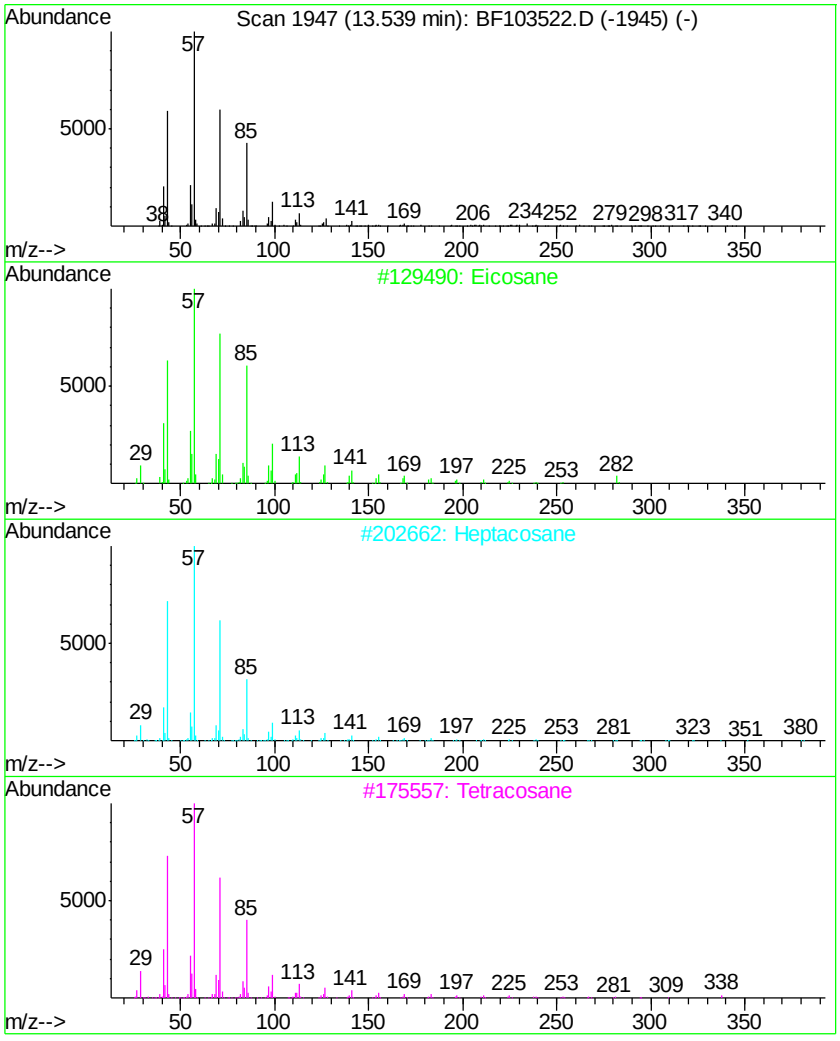
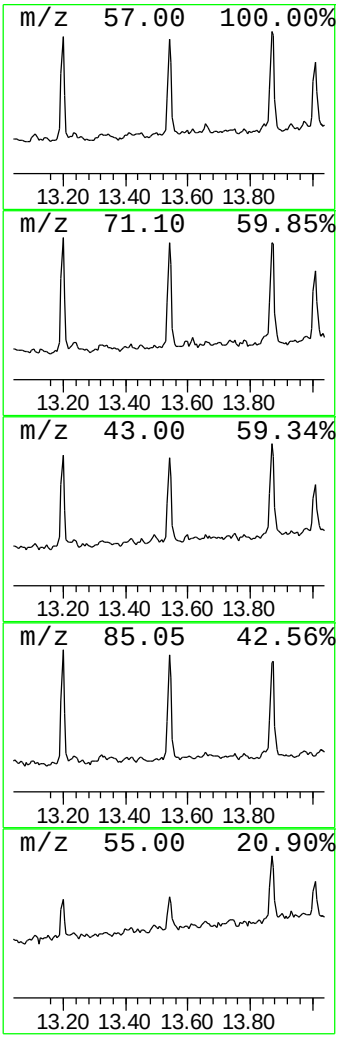
Peak Number 19 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	6.76 ng	455177	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BF103522.D
Acq On : 8 Mar 2018 17:48
Operator : SJ/JU
Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

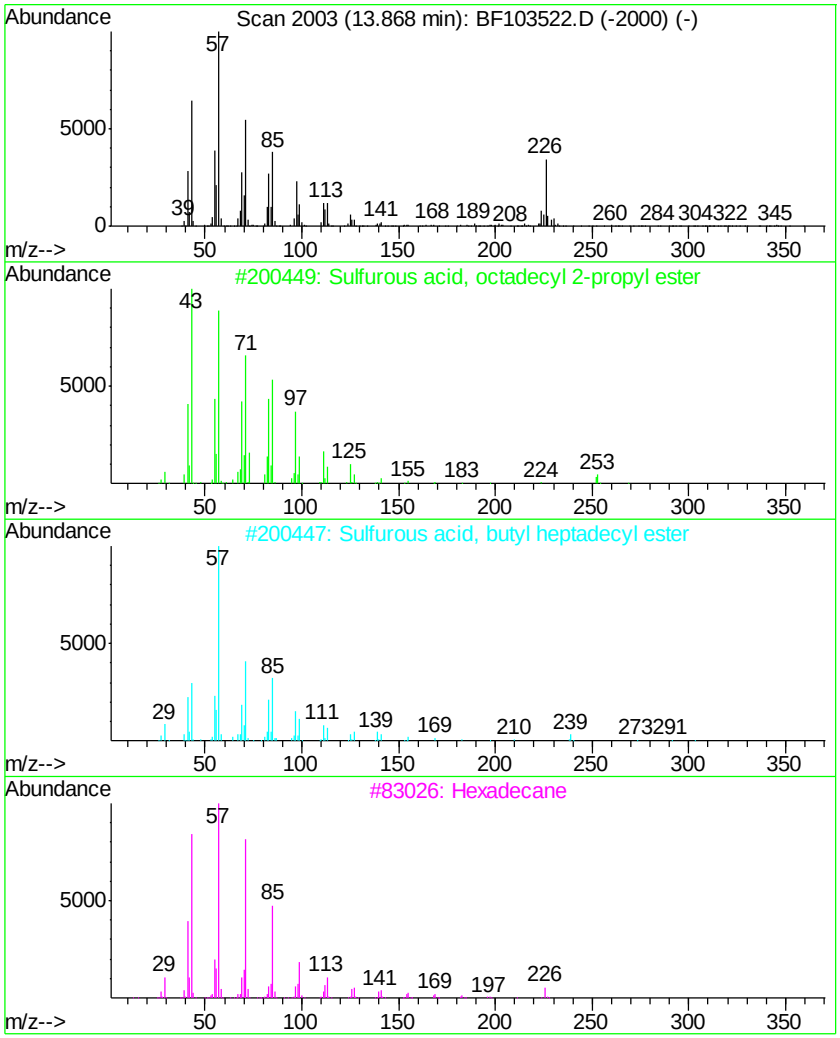
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

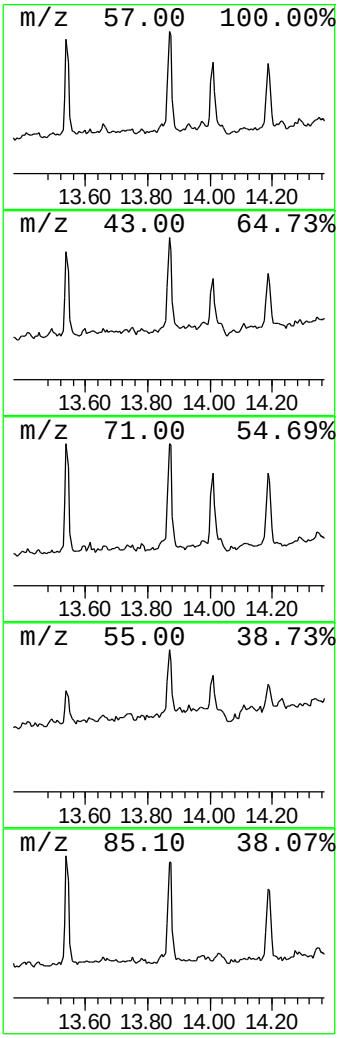
****

Peak Number 20 Sulfurous acid, octadecyl 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	13.59 ng	915127	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	81
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	74
3	Hexadecane	226	C16H34	000544-76-3	68
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	64
5	Tetradecane	198	C14H30	000629-59-4	60





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030818\
Data File : BF103522.D
Acq On : 8 Mar 2018 17:48
Operator : SJ/JU
Sample : J1819-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.64	6.64	65.8	ng	2842940	1	6.86	864663	20.0
unknown10.23	10.23	4.3	ng	262581	3	9.90	1210260	20.0
Hexadecane	10.32	11.2	ng	678356	3	9.90	1210260	20.0
9H-Fluorene, 9-me...	10.54	7.8	ng	469012	3	9.90	1210260	20.0
Heptadecane	10.79	30.0	ng	1321700	4	11.40	880951	20.0
2,2',3-Trichloro-...	11.12	7.0	ng	309542	4	11.40	880951	20.0
Pentadecane	11.25	9.7	ng	424862	4	11.40	880951	20.0
Heptacosane	11.27	4.7	ng	207875	4	11.40	880951	20.0
1,1'-Biphenyl, 2,...	11.65	4.5	ng	197554	4	11.40	880951	20.0
1,1'-Biphenyl, 2,...	11.80	7.1	ng	313103	4	11.40	880951	20.0
4H-Cyclopenta[def...	12.02	21.3	ng	936309	4	11.40	880951	20.0
Biphenyl, 2,4,4',...	12.05	7.5	ng	329371	4	11.40	880951	20.0
Phenanthrene, 2,5...	12.47	9.4	ng	412578	4	11.40	880951	20.0
Octadecanoic acid	12.70	5.5	ng	241091	4	11.40	880951	20.0
Docosane	13.20	10.2	ng	686729	5	14.07	1346810	20.0
Eicosane	13.54	6.8	ng	455177	5	14.07	1346810	20.0
Sulfurous acid, o...	13.87	13.6	ng	915127	5	14.07	1346810	20.0