LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099543.D
Acq On : 16 Oct 2017 14:40
Operator : SJ/JU
Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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	5.057	502	505	517	rVB	169561	206219	6.52%	0.925%
2	5.322	546	550	554	rBV	38040	36602	1.16%	0.164%
3	5.428	565	568	570	rBV	47404	44699	1.41%	0.200%
4	5.463	570	574	583	rVB	1324898	1241434	39.23%	5.566%
5	6.475	743	746	754	rBV	1347227	1272772	40.22%	5.707%
6	6.616	766	770	773	rBV	1411515	1313054	41.49%	5.887%
7	6.845	805	809	815	rBV	631092	557372	17.61%	2.499%
8	6.998	831	835	843	rVB	1239918	1044320	33.00%	4.682%
9	7.404	901	904	913	rBV	802708	792653	25.05%	3.554%
10	7.481	913	917	920	rVB3	31077	33019	1.04%	0.148%
11	7.616	937	940	943	rBV2	36568	35983	1.14%	0.161%
12	7.716	952	957	959	rBV	36295	40501	1.28%	0.182%
13	8.004	1000	1006	1012	rBV2	76245	114136	3.61%	0.512%
14	8.098	1019	1022	1023	rBV	39604	32249	1.02%	0.145%
15	8.128	1023	1027	1029	rVV	804800	743620	23.50%	3.334%
16	8.175	1033	1035	1037	rVV	66778	50036	1.58%	0.224%
17	8.204	1037	1040	1048	rVB3	76481	79309	2.51%	0.356%
18	8.410	1071	1075	1079	rVB6	46836	55682	1.76%	0.250%
19	8.534	1094	1096	1098	rBV	91125	62908	1.99%	0.282%
20	8.657	1114	1117	1119	rBV4	28384	32930	1.04%	0.148%
21	8.681	1119	1121	1123	rVV	99445	73323	2.32%	0.329%
22	8.704	1123	1125	1129	rVB	63868	53093	1.68%	0.238%
23	8.798	1139	1141	1146	rVB2	30775	40238	1.27%	0.180%
24	8.986	1171	1173	1177	rBV5	27765	37992	1.20%	0.170%
25	9.022	1177	1179	1184	rVB4	26162	37211	1.18%	0.167%
26	9.069	1184	1187	1192	rBV4	28936	38998	1.23%	0.175%
27	9.133	1196	1198	1201	rBV	131270	99126	3.13%	0.444%
28	9.198	1205	1209	1212	rBV	1723071	1354590	42.80%	6.074%
29	9.269	1218	1221	1224	rBV	125622	115564	3.65%	0.518%
30	9.345	1232	1234	1237	rVB2	43007	31655	1.00%	0.142%
31	9.463	1250	1254	1259	rVB5	61237	64238	2.03%	0.288%
32	9.592	1271	1276	1279	rBV2	335814	308534	9.75%	1.383%
33	9.651	1283	1286	1289	rBV2	39257	33644	1.06%	0.151%
34	9.739	1298	1301	1304	rBV4	31942	34477	1.09%	0.155%

LSC Area Percent Report

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Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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	9.798	1308	1311	1315	rVB	121184	104511	3.30%	0.469%
36	9.880	1320	1325	1328	rVV	873301	719797	22.74%	3.227%
37	10.033	1346	1351	1353	rBV5	31427	46912	1.48%	0.210%
38	10.086	1357	1360	1362	rVB3	32537	33779	1.07%	0.151%
39	10.122	1363	1366	1370	rVV5	51624	56213	1.78%	0.252%
40	10.198	1375	1379	1382	rBV4	34199	50837	1.61%	0.228%
41	10.298	1390	1396	1399	rBV	161581	151649	4.79%	0.680%
42	10.433	1411	1419	1420	rBV6	21194	42712	1.35%	0.192%
43	10.516	1428	1433	1436	rBV	91400	116560	3.68%	0.523%
44	10.592	1443	1446	1451	rVB	316084	281372	8.89%	1.262%
45	10.669	1456	1459	1463	rBV	710326	639723	20.21%	2.868%
46	10.769	1474	1476	1482	rBV3	127760	197943	6.25%	0.888%
47	11.216	1549	1552	1555	rBV	99460	91523	2.89%	0.410%
48	11.245	1555	1557	1560	rVB	68046	61358	1.94%	0.275%
49	11.369	1574	1578	1581	rBV	749923	637587	20.15%	2.859%
50	11.392	1581	1582	1587	rVB2	46328	39836	1.26%	0.179%
51	11.645	1622	1625	1627	rBV	91889	73368	2.32%	0.329%
52	11.674	1627	1630	1634	rVB2	62146	56490	1.78%	0.253%
53	11.751	1639	1643	1646	rVB	1102477	958714	30.29%	4.299%
54	11.886	1662	1666	1672	rBV4	46829	66880	2.11%	0.300%
55	12.051	1691	1694	1696	rBV	78150	61881	1.96%	0.277%
56	12.151	1708	1711	1716	rBV3	30638	35355	1.12%	0.159%
57	12.433	1755	1759	1760	rBV	617871	505787	15.98%	2.268%
58	12.457	1760	1763	1771	rVV	2914463	3164864	100.00%	14.191%
59	12.539	1774	1777	1782	rVB	1004063	813018	25.69%	3.645%
60	12.586	1782	1785	1788	rBV	58699	81214	2.57%	0.364%
61	12.816	1821	1824	1830	rVB	76582	86197	2.72%	0.386%
62	12.951	1843	1847	1850	rVB	1002922	844112	26.67%	3.785%
63	13.116	1871	1875	1876	rBV2	45816	57304	1.81%	0.257%
64	13.133	1876	1878	1882	rVV5	50809	61344	1.94%	0.275%
65	13.168	1882	1884	1885	rVV	46591	36843	1.16%	0.165%
66	13.186	1885	1887	1893	rVB4	163682	201197	6.36%	0.902%
67	13.263	1897	1900	1903	rBV	77256	63916	2.02%	0.287%
68	13.374	1915	1919	1925	rBV	369047	360718	11.40%	1.617%
69	13.692	1970	1973	1981	rBV4	48014	71471	2.26%	0.320%
70	13.839	1995	1998	2001	rBV	78905	86631	2.74%	0.388%
71	13.933	2011	2014	2019	rBV	58081	59333	1.87%	0.266%

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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	14.015	2024	2028	2031	rBV	545887	522110	16.50%	2.341%
73	15.092	2209	2211	2217	rVB	84293	93546	2.96%	0.419%
74	15.486	2273	2278	2283	rBV	441832	555890	17.56%	2.492%

Sum of corrected areas: 22302676

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
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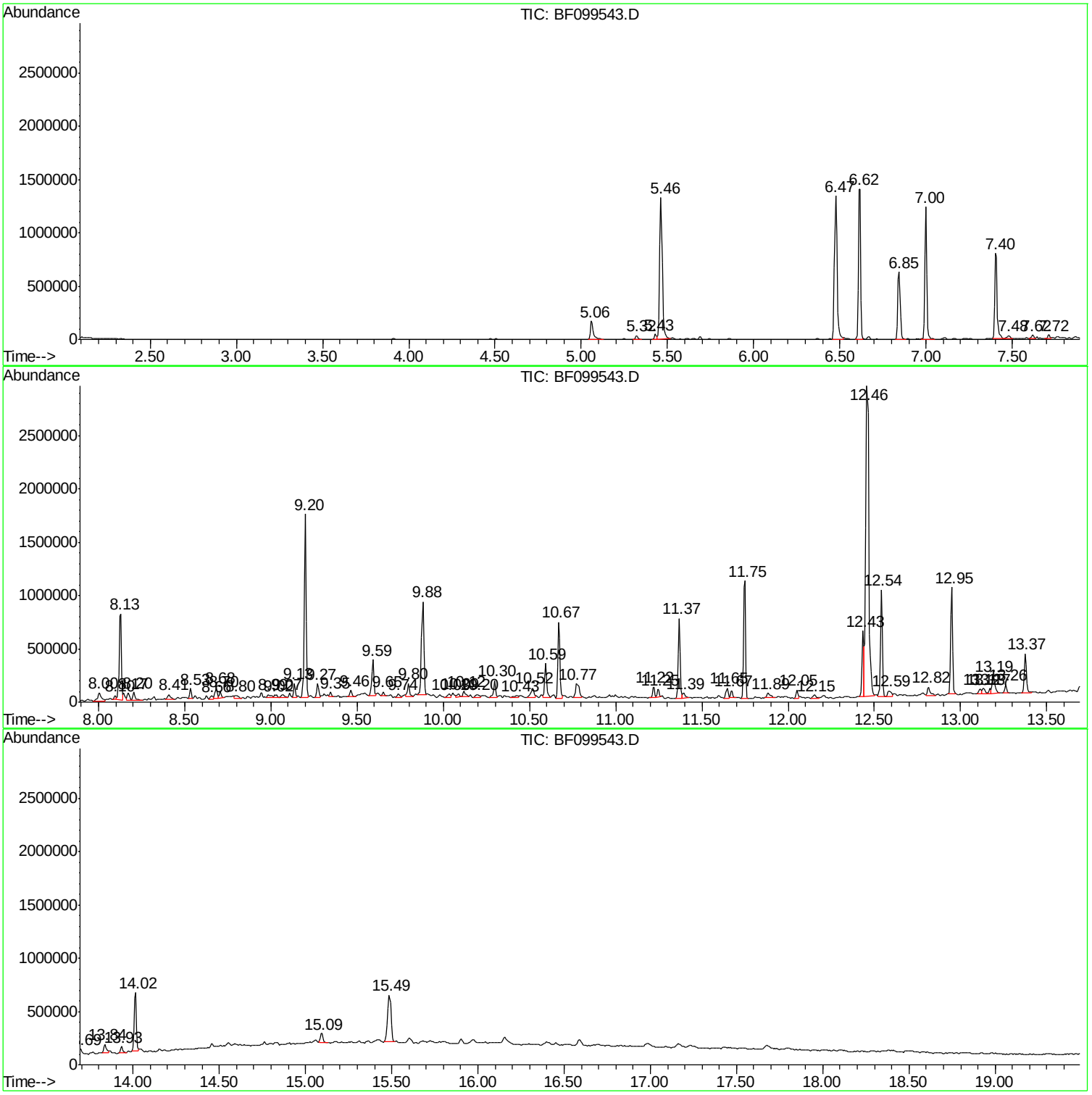
Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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\BF101617\
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Acq On : 16 Oct 2017 14:40
Operator : SJ/JU
Sample : I5841-01 2X
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Instrument : BNA_F
ClientSampleId : TR-04-101217

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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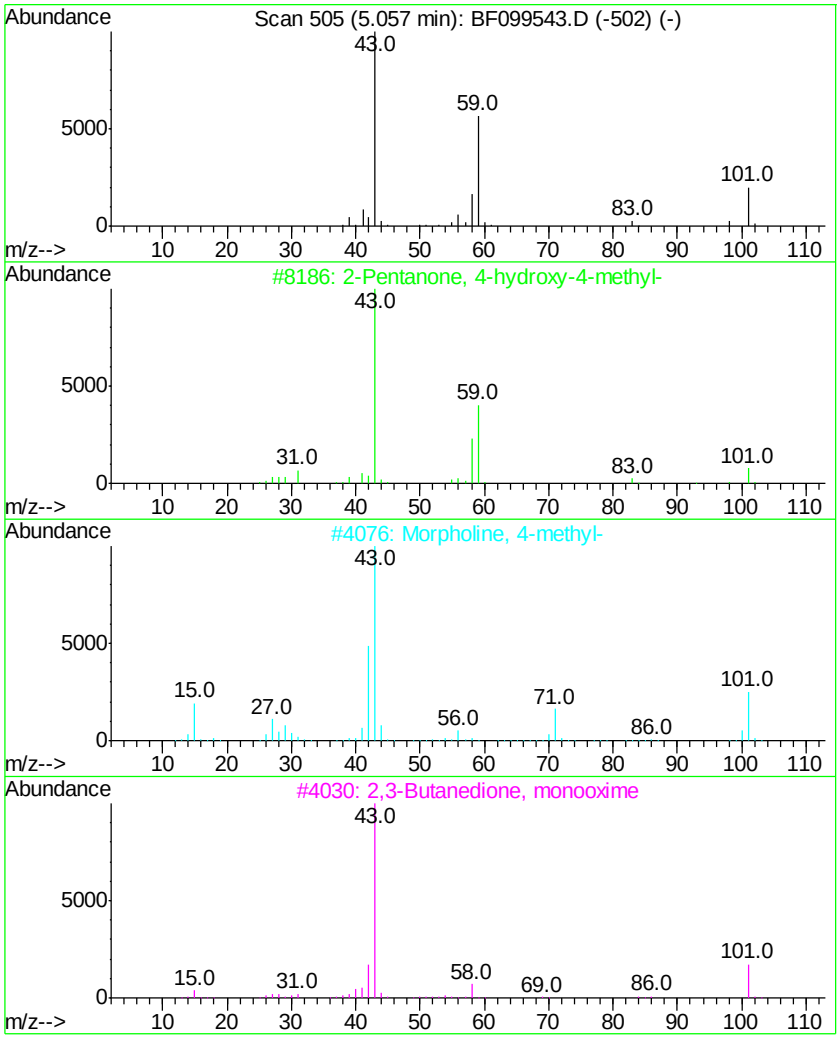
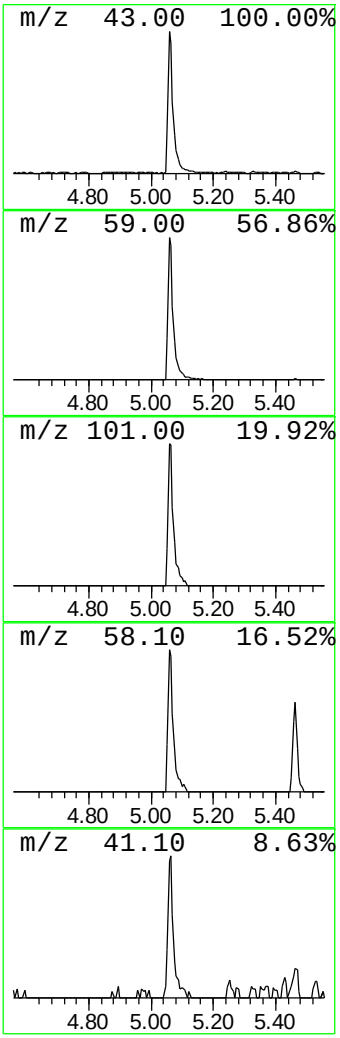
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	7.40 ng	206219	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099543.D
Acq On : 16 Oct 2017 14:40
Operator : SJ/JU
Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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

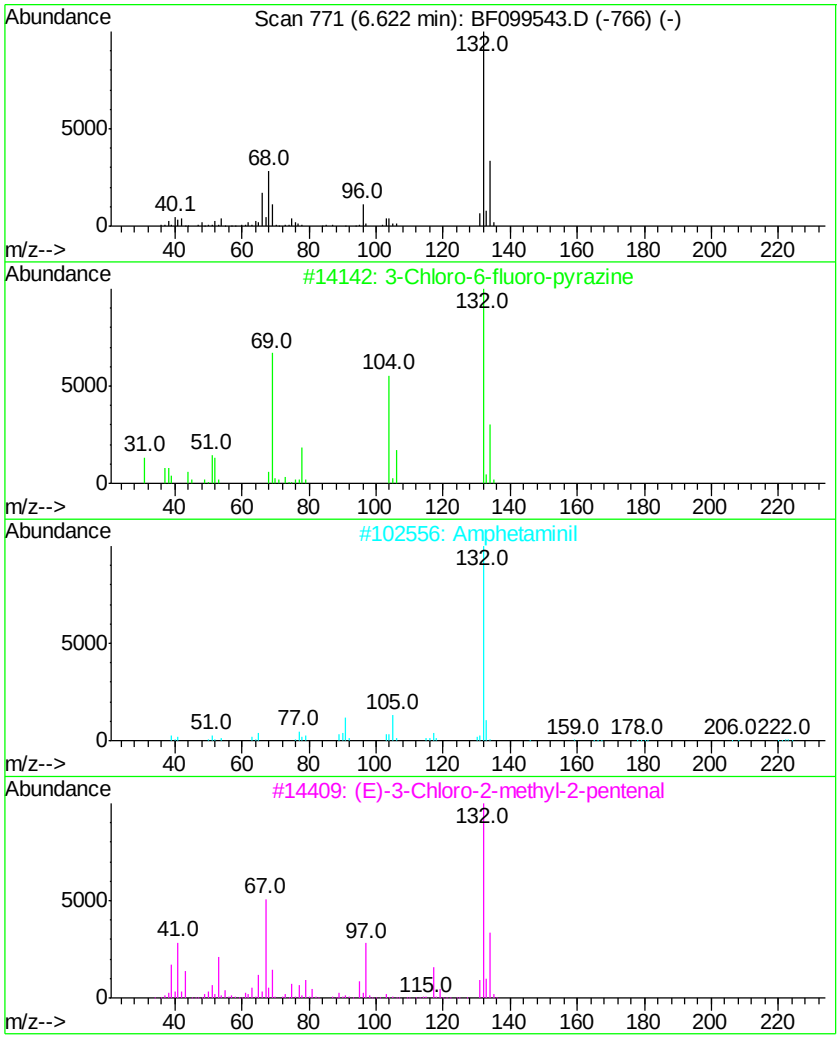
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

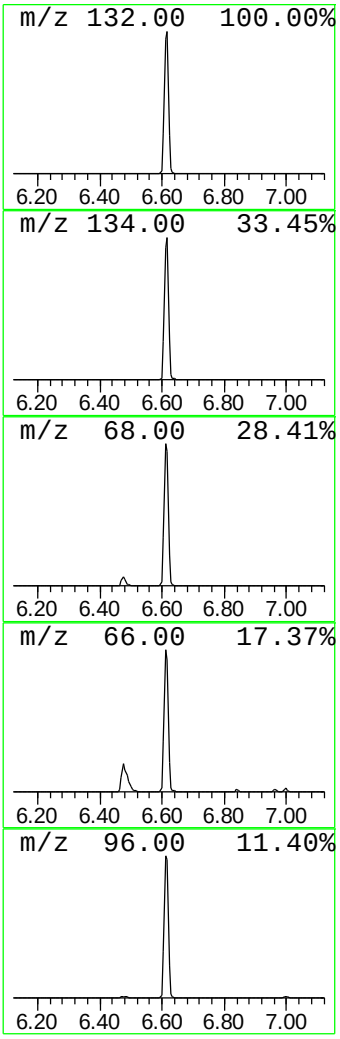
****

Peak Number 2 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	47.12 ng	1313050	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099543.D
Acq On : 16 Oct 2017 14:40
Operator : SJ/JU
Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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

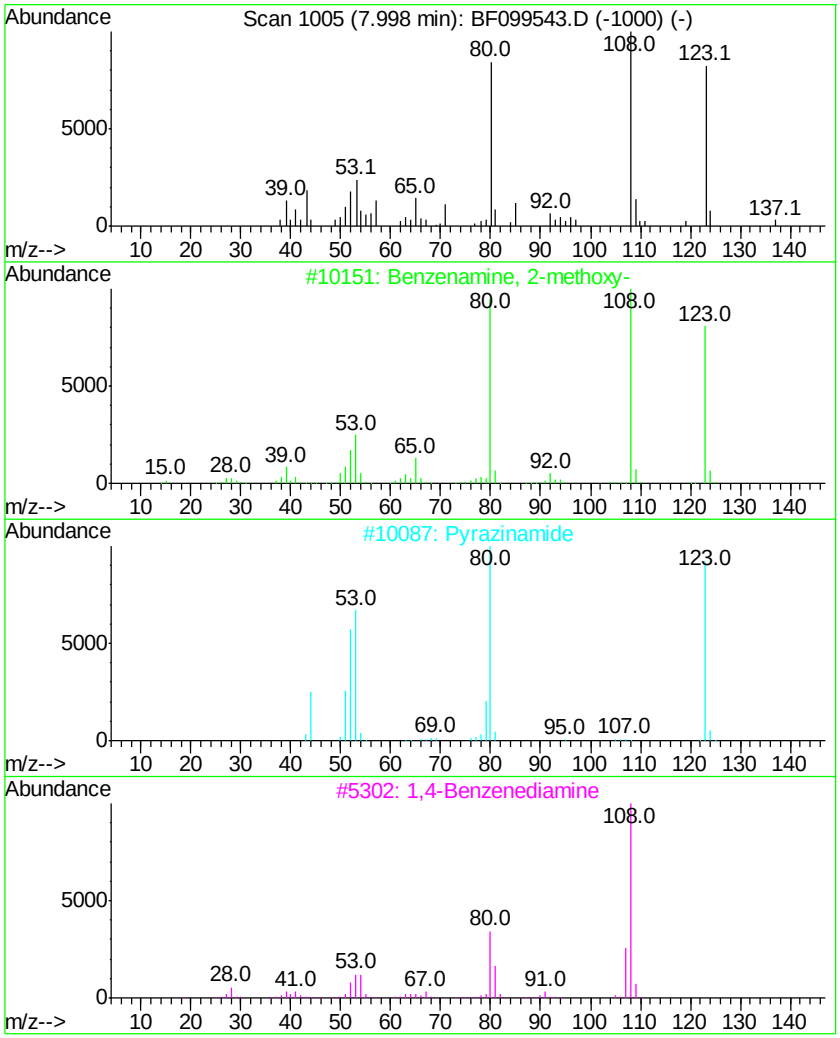
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

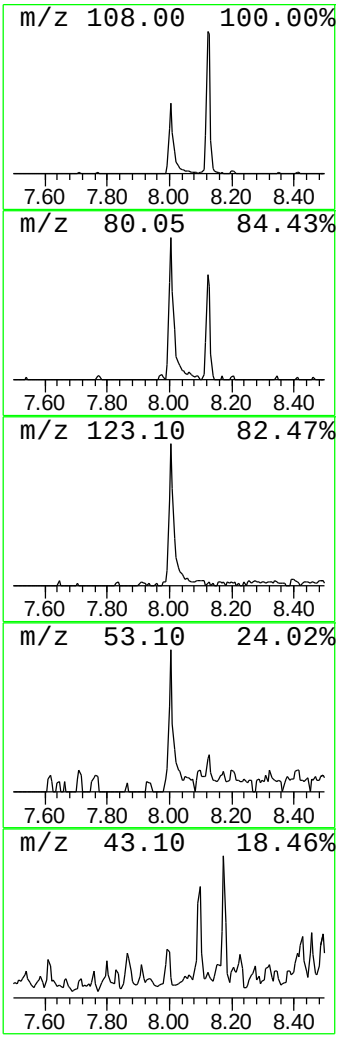
****

Peak Number 4 Benzenamine, 2-methoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	3.07 ng	114136	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methoxy-	123	C7H9NO	000090-04-0	96
2	Pyrazinamide	123	C5H5N3O	000098-96-4	72
3	1,4-Benzenediamine	108	C6H8N2	000106-50-3	64
4	1,2-Benzenediamine	108	C6H8N2	000095-54-5	64
5	Benzenamine, 4-methoxy-	123	C7H9NO	000104-94-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099543.D
Acq On : 16 Oct 2017 14:40
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Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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

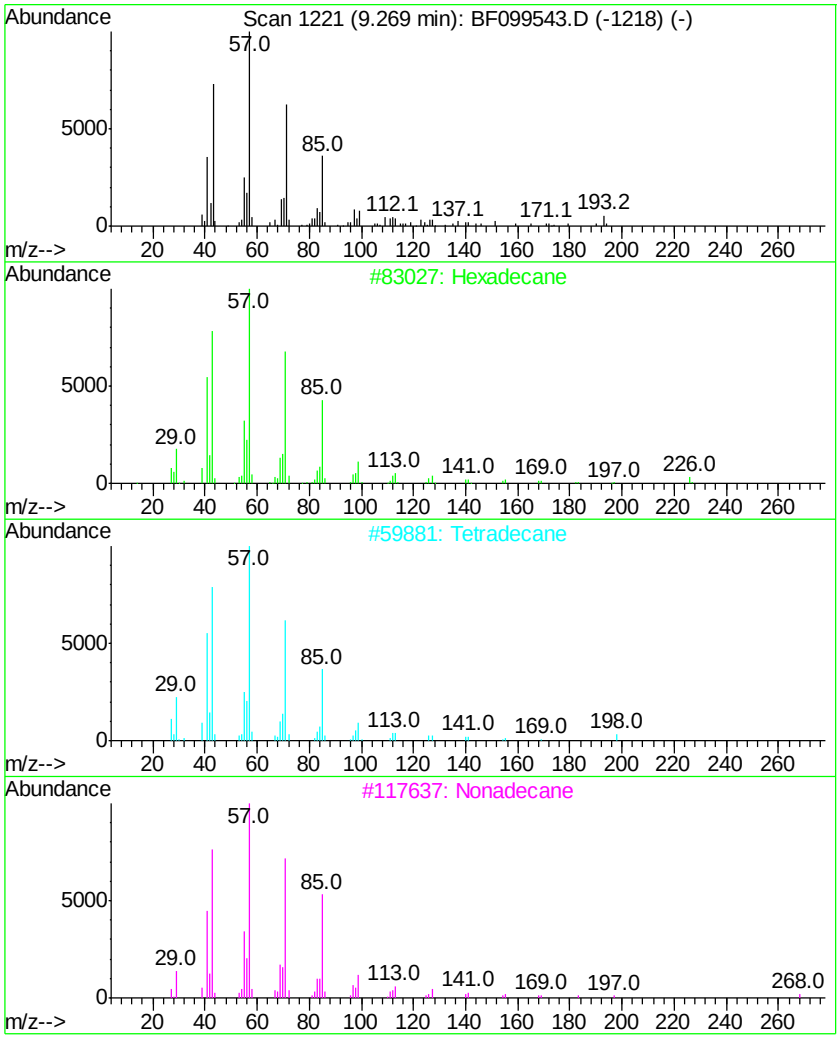
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

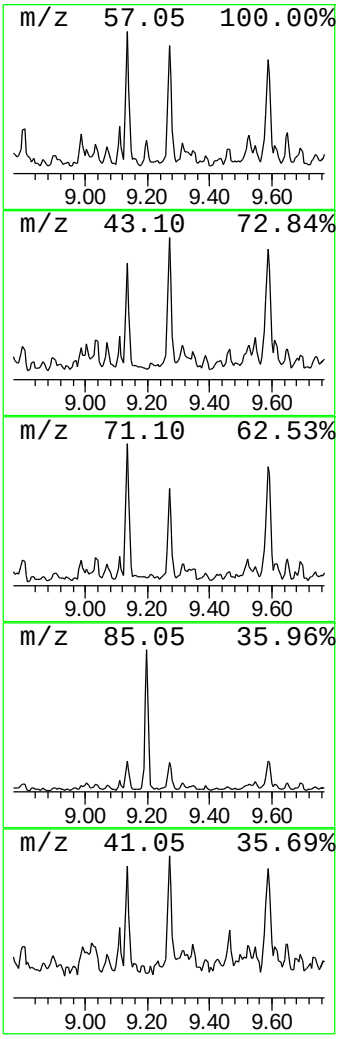
****

Peak Number 5 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.21 ng	115564	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	74
2	Tetradecane	198	C14H30	000629-59-4	74
3	Nonadecane	268	C19H40	000629-92-5	74
4	Tridecane	184	C13H28	000629-50-5	74
5	Dodecane	170	C12H26	000112-40-3	72





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Operator : SJ/JU
Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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

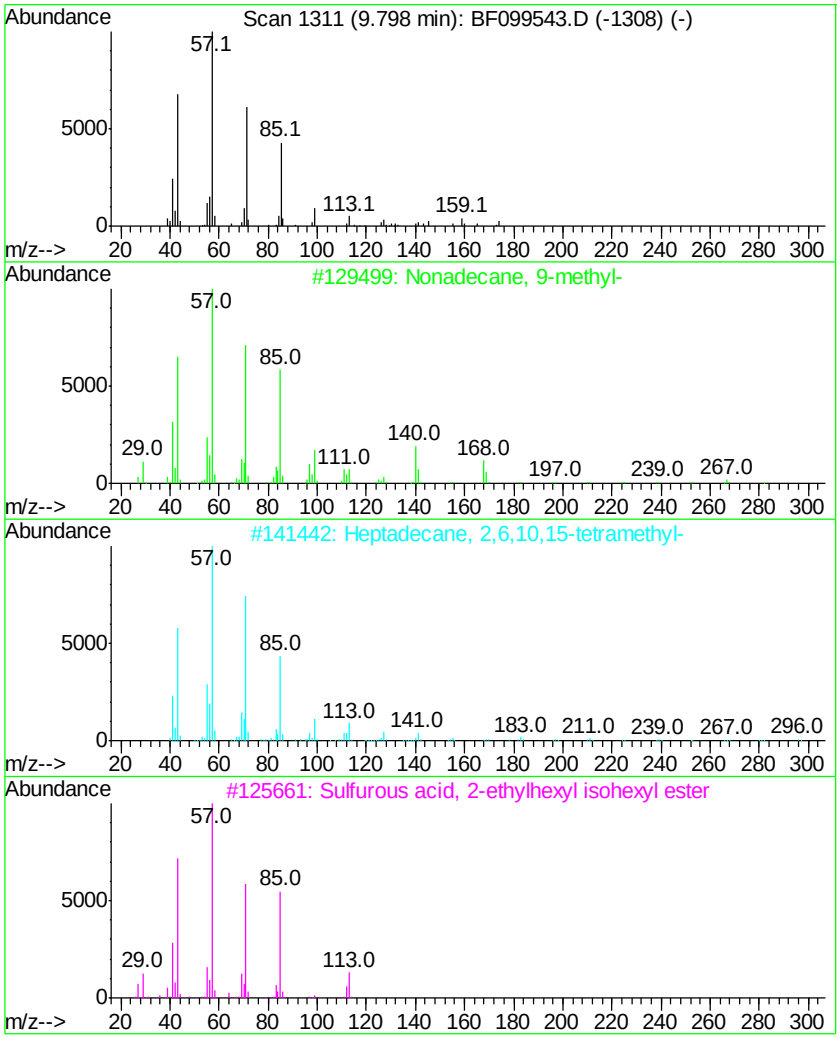
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

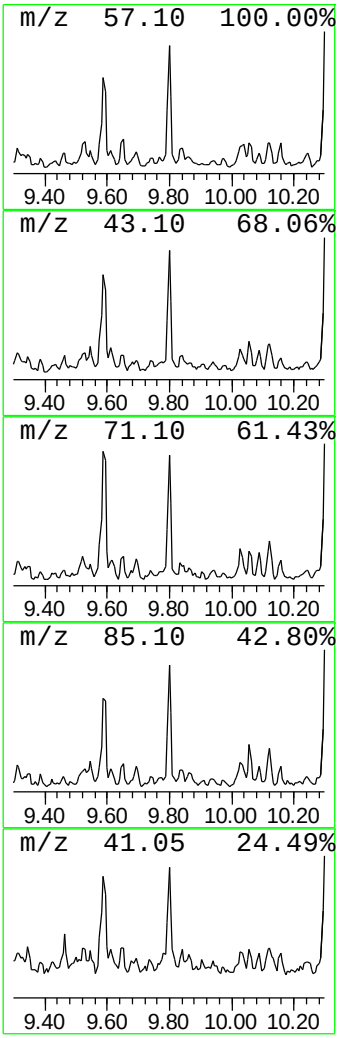
****

Peak Number 6 Nonadecane, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	2.90 ng	104511	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78
4	Tetradecane	198	C14H30	000629-59-4	78
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72





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Data File : BF099543.D
Acq On : 16 Oct 2017 14:40
Operator : SJ/JU
Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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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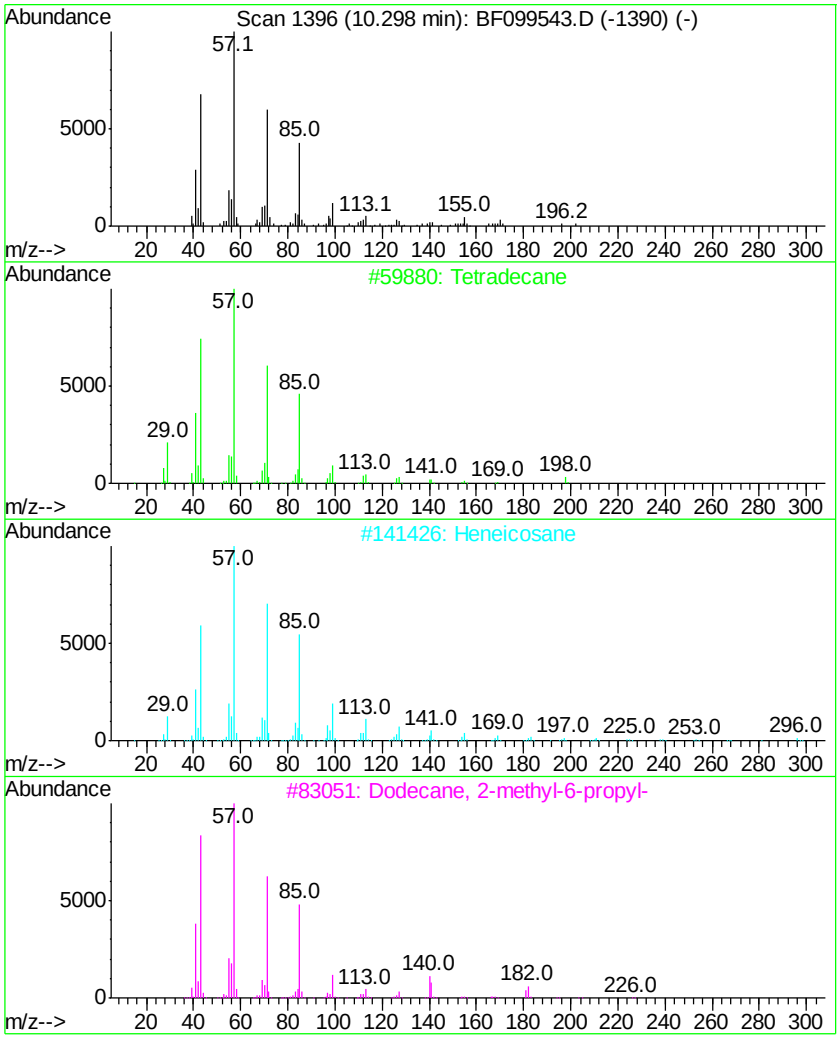
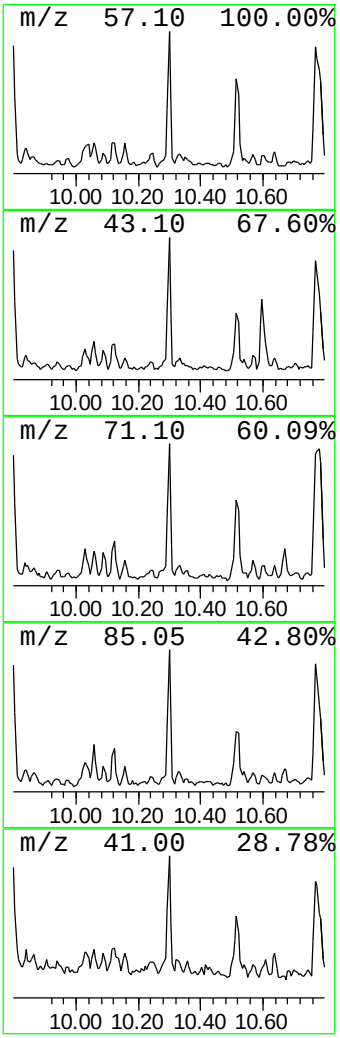
Peak Number 7 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	4.21 ng	151649	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099543.D
Acq On : 16 Oct 2017 14:40
Operator : SJ/JU
Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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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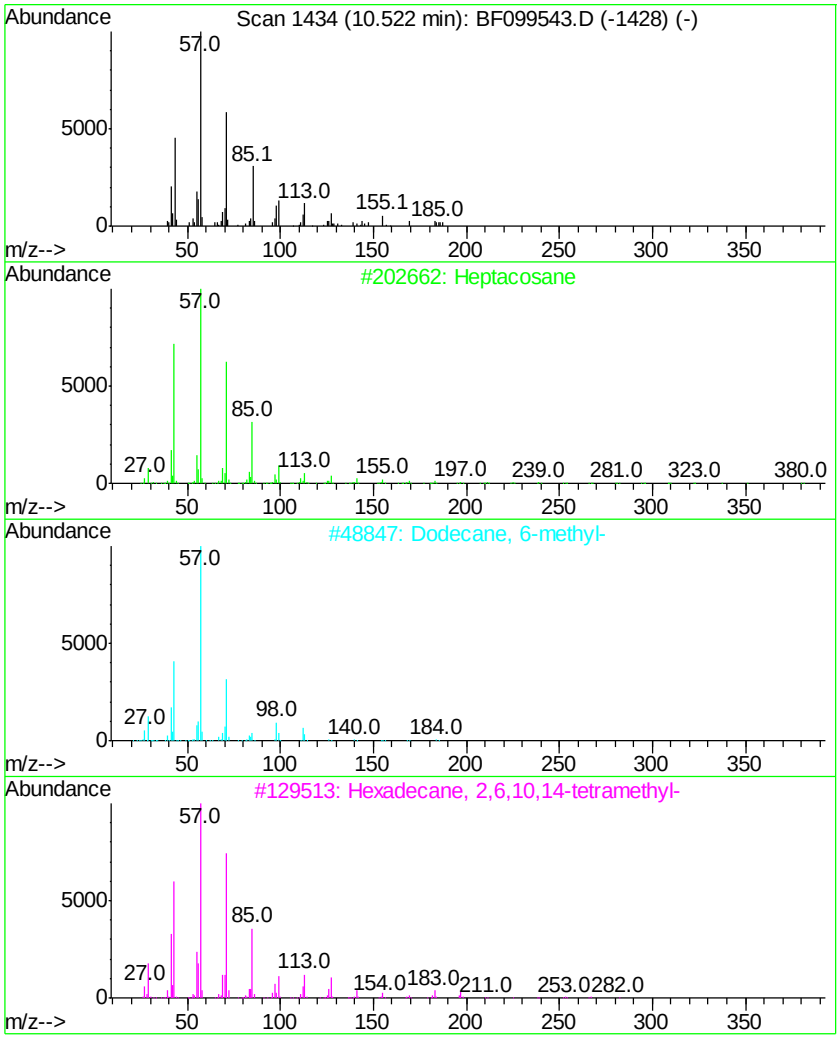
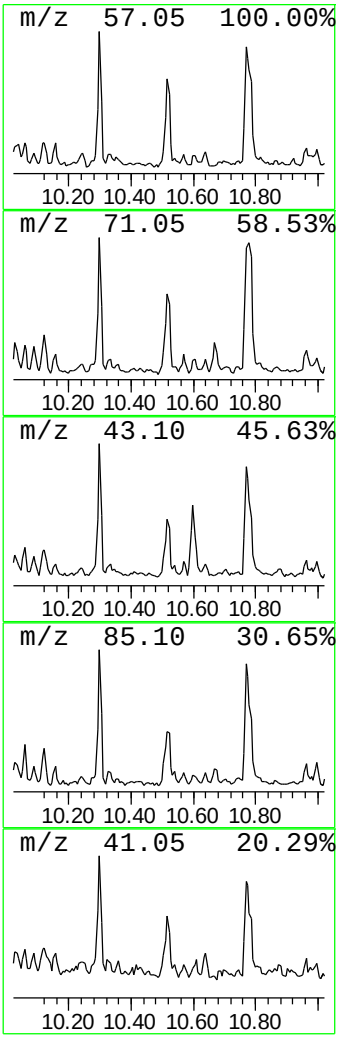
Peak Number 8 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.24 ng	116560	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	68
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





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Sample : I5841-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : TR-04-101217

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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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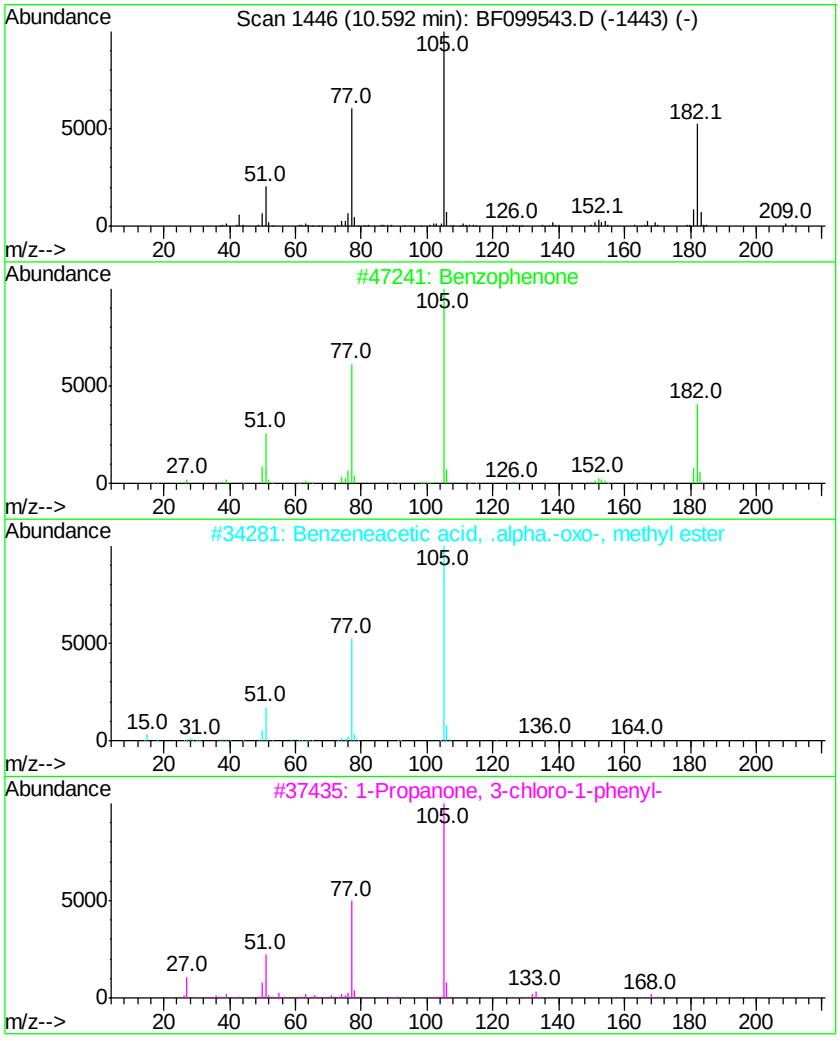
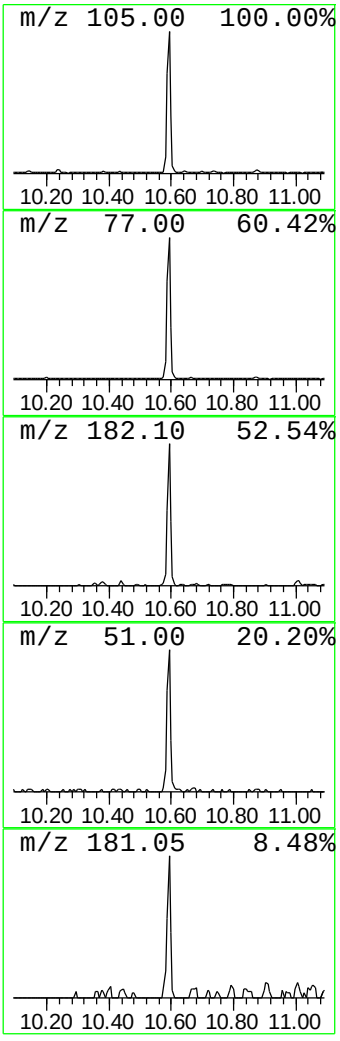
Peak Number 9 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	7.82 ng	281372	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Benzamide, N-(phenyl)(1H-1,2,4-t...	278	C16H14N4O	132904-05-3	47





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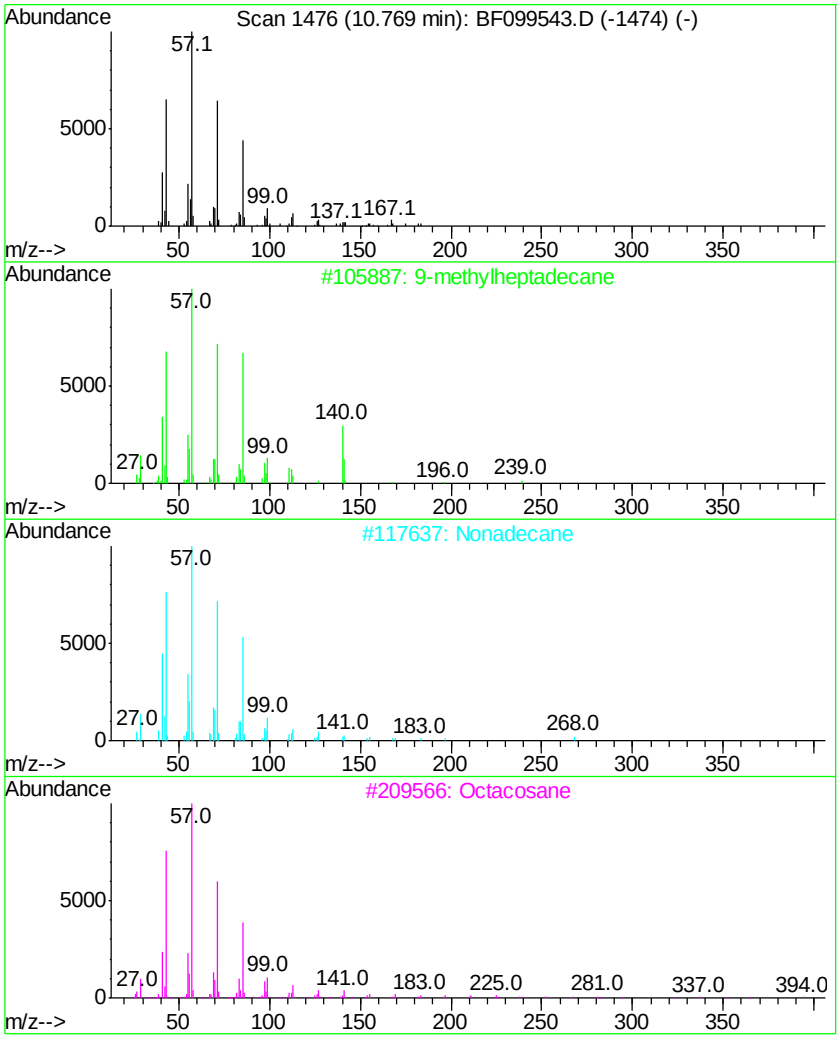
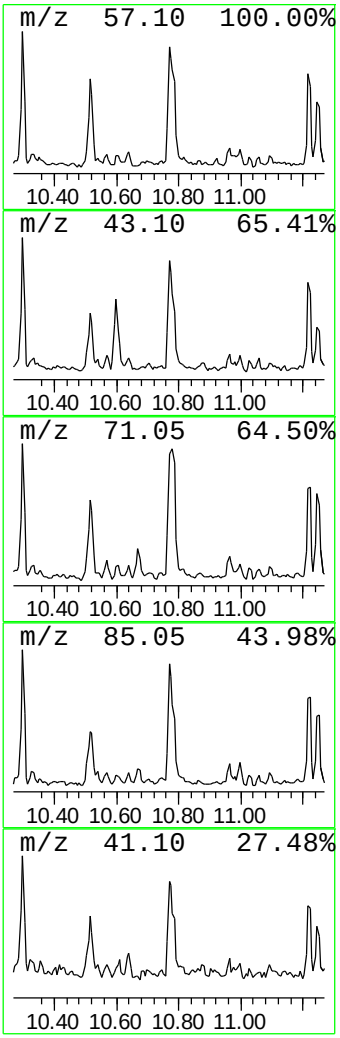
Peak Number 10 9-methylheptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	6.21 ng	197943	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetracosane	338	C24H50	000646-31-1	86





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TIC Library : C:\DATABASE\NIST11.L
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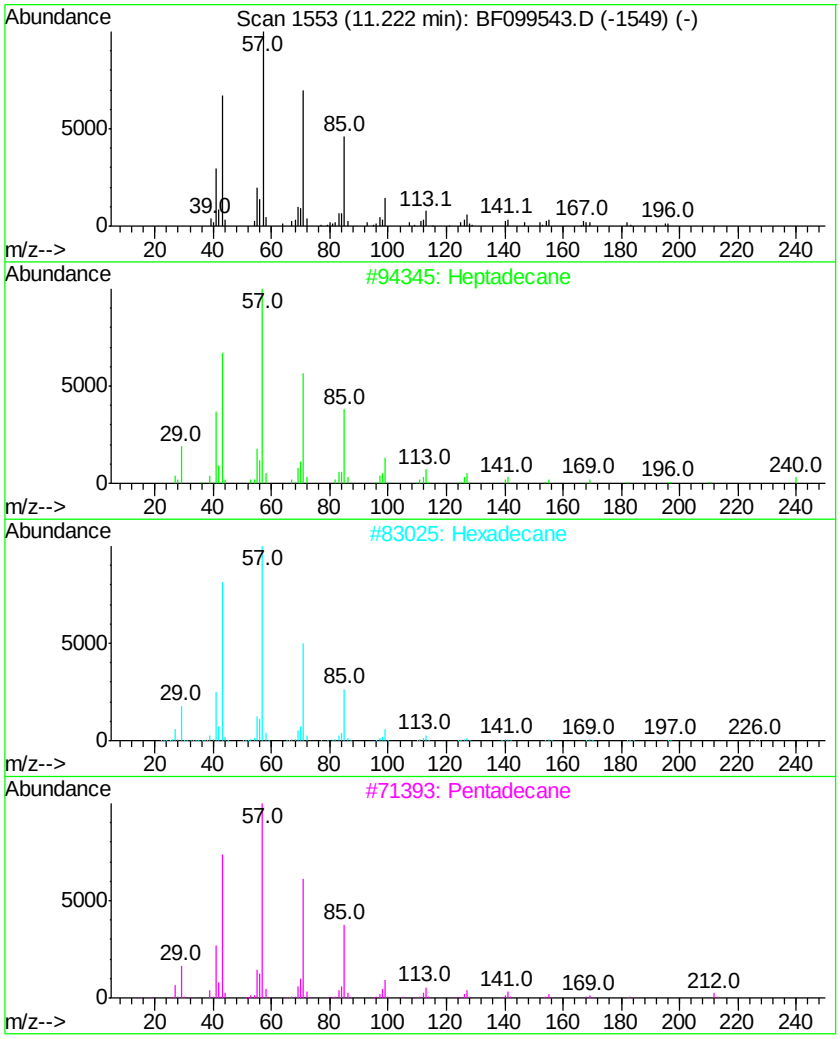
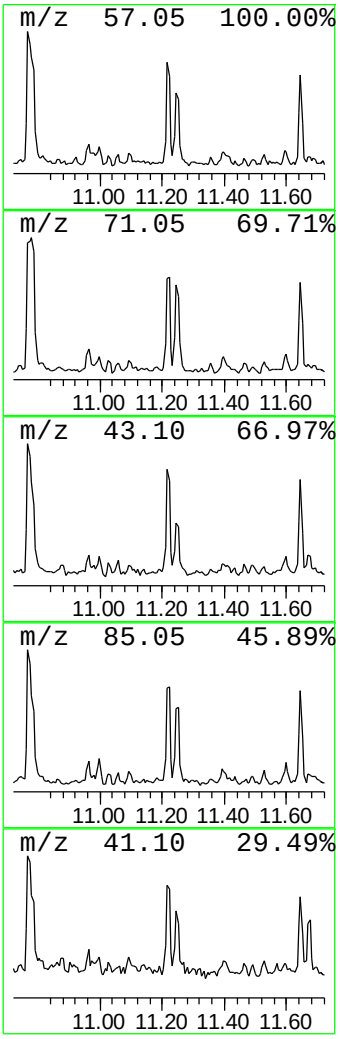
Peak Number 11 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.87 ng	91523	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5	Octadecane	254	C18H38	000593-45-3	90





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

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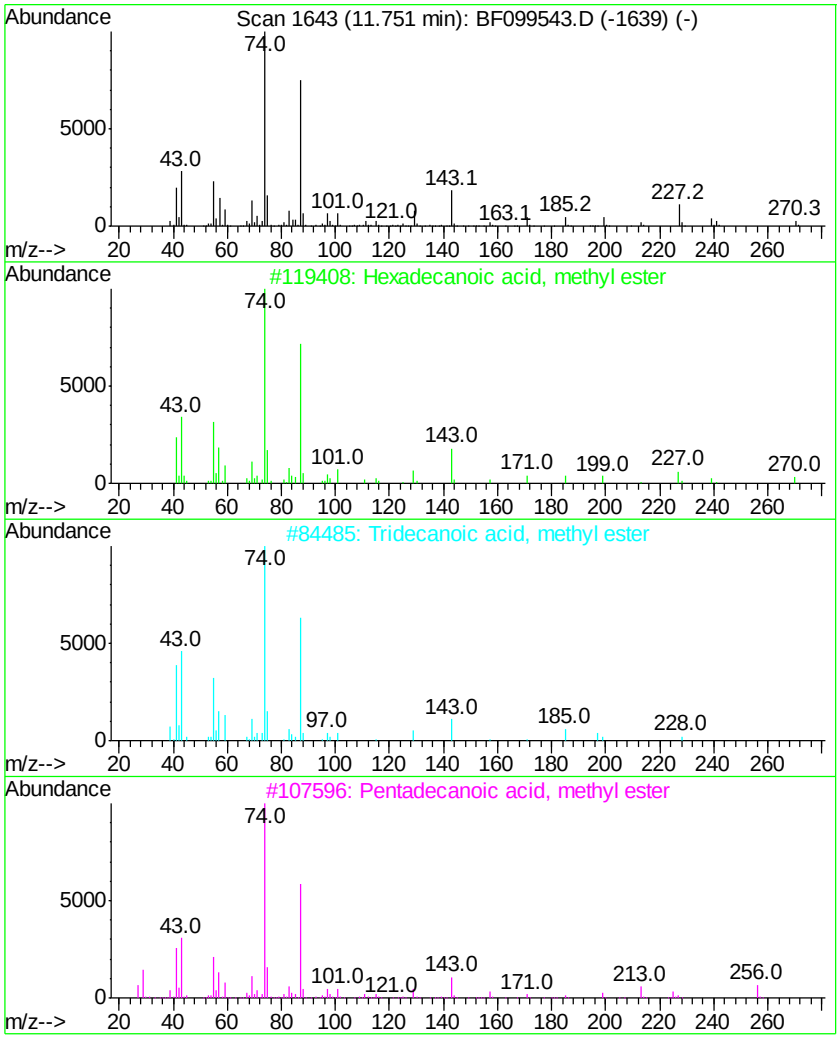
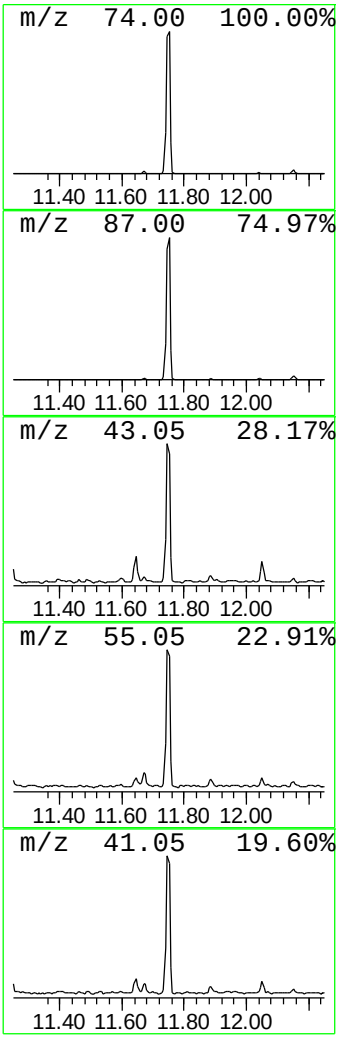
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	30.07 ng	958714	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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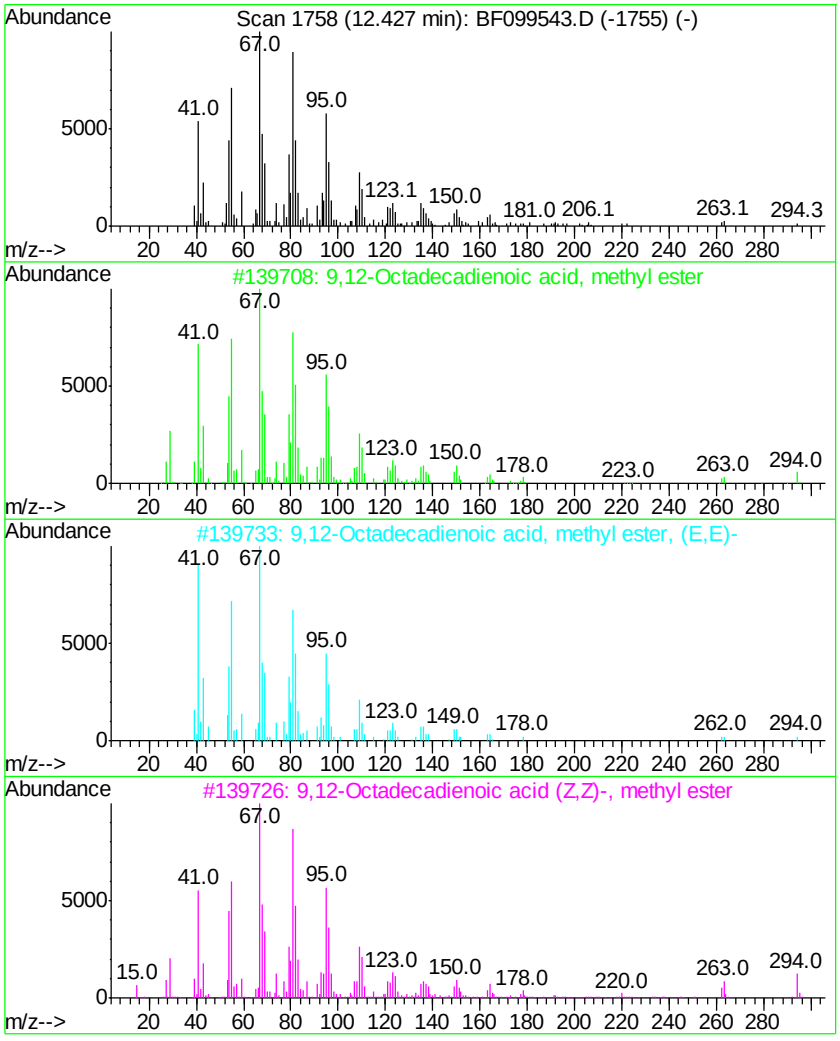
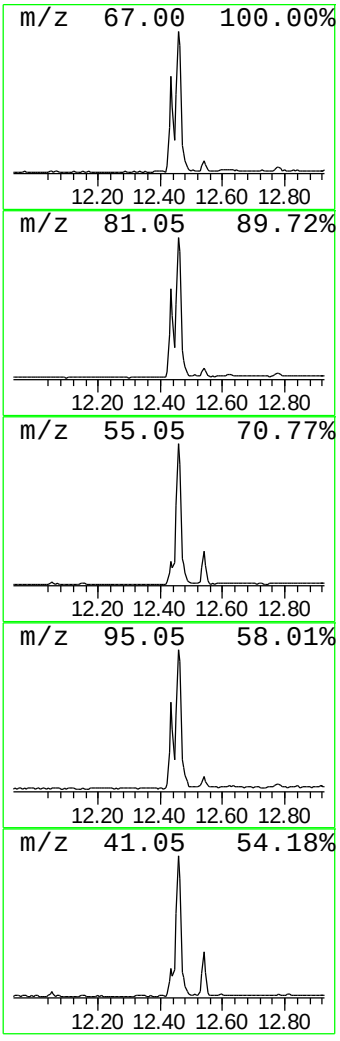
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	15.87 ng	505787	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	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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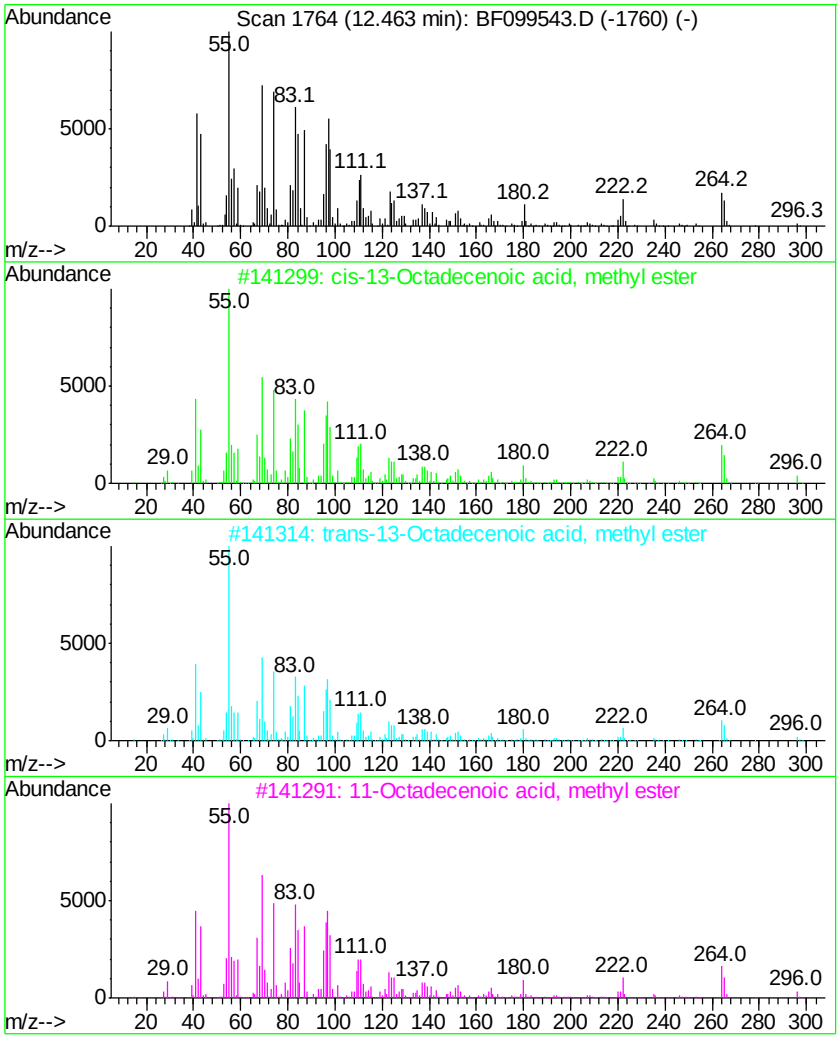
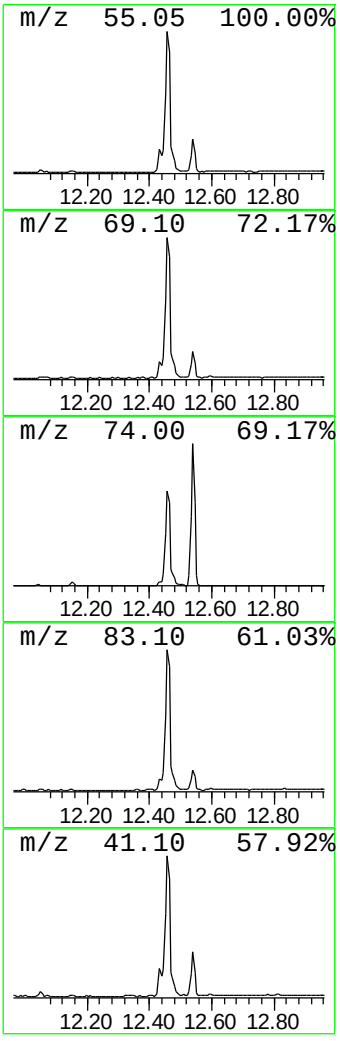
Peak Number 14 cis-13-Octadecenoic acid, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	99.28 ng	3164860	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	96
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94





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TIC Library : C:\DATABASE\NIST11.L
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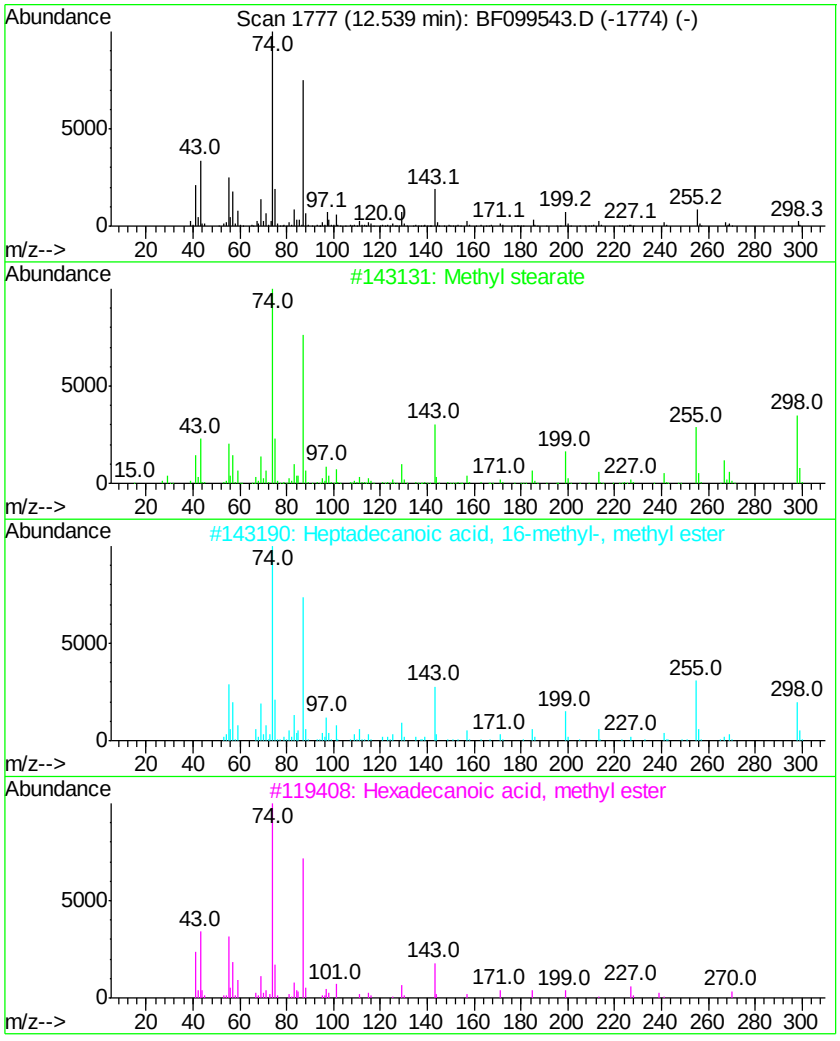
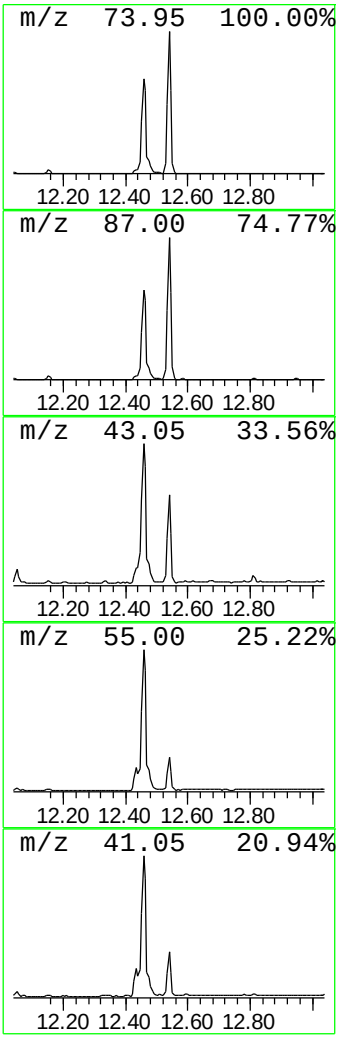
Peak Number 15 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	25.50 ng	813018	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90





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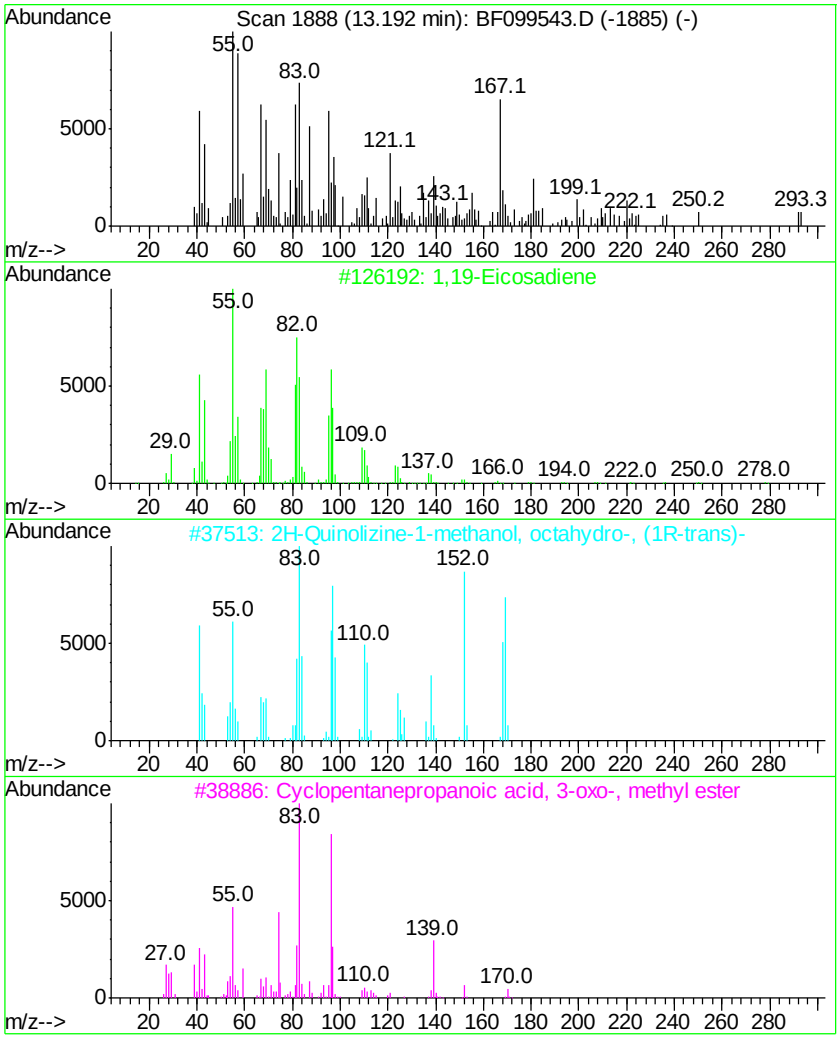
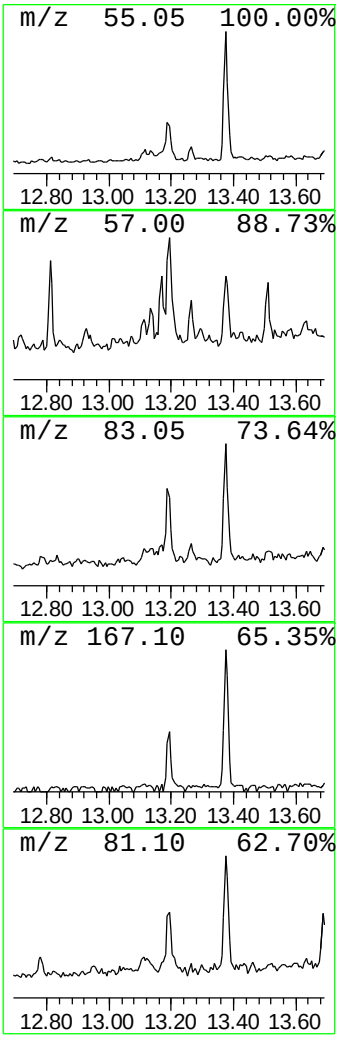
Peak Number 17 unknown13.19 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	7.71 ng	201197	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	43
2	2H-Quinolizine-1-methanol, octah...	169	C10H19NO	000486-70-4	38
3	Cyclopentanepropanoic acid, 3-ox...	170	C9H14O3	034399-78-5	30
4	Cyclohexanone, 3-ethyl-3,5,5-tri...	168	C11H20O	167226-01-9	30
5	1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	30





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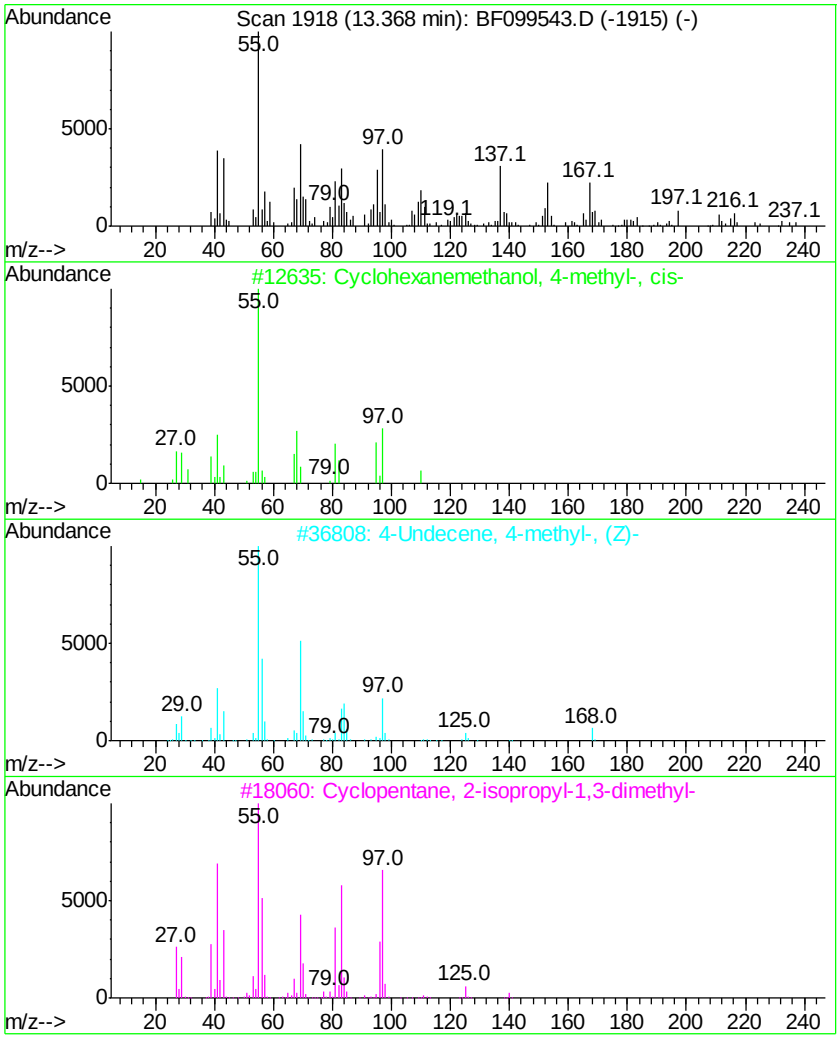
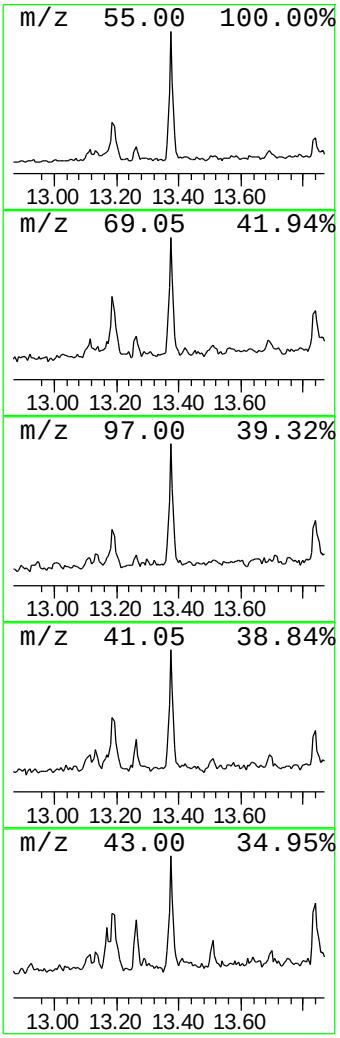
Peak Number 18 unknown13.37 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	13.82 ng	360718	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-48-2	14
2	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	11
3	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	10
4	Fumaric acid, di(2-methylallyl) ...	224	C12H16O4	1000330-55-8	10
5	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	10





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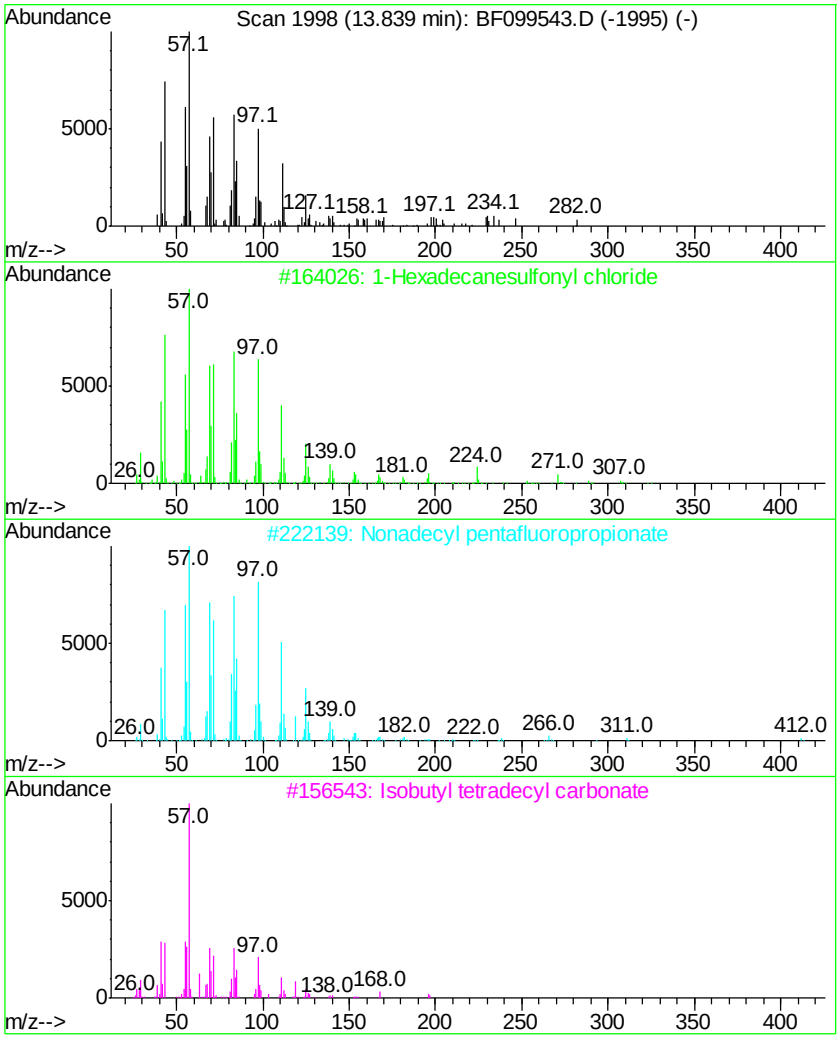
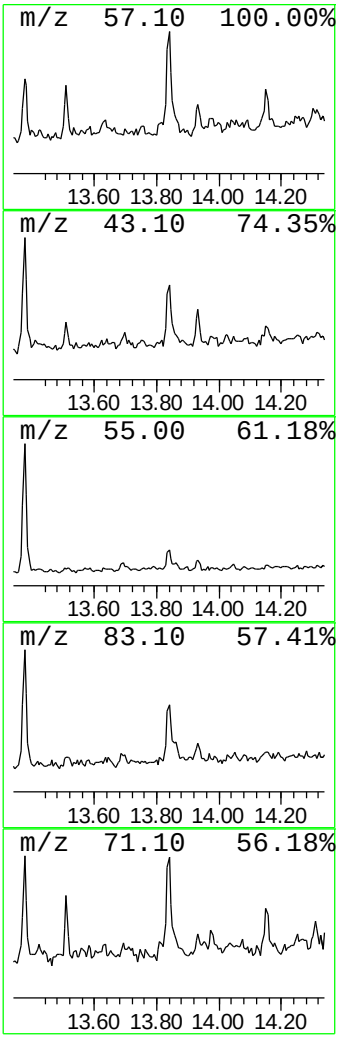
Peak Number 19 1-Hexadecanesulfonyl chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.32 ng	86631	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
3	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	87
4	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	87
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	83





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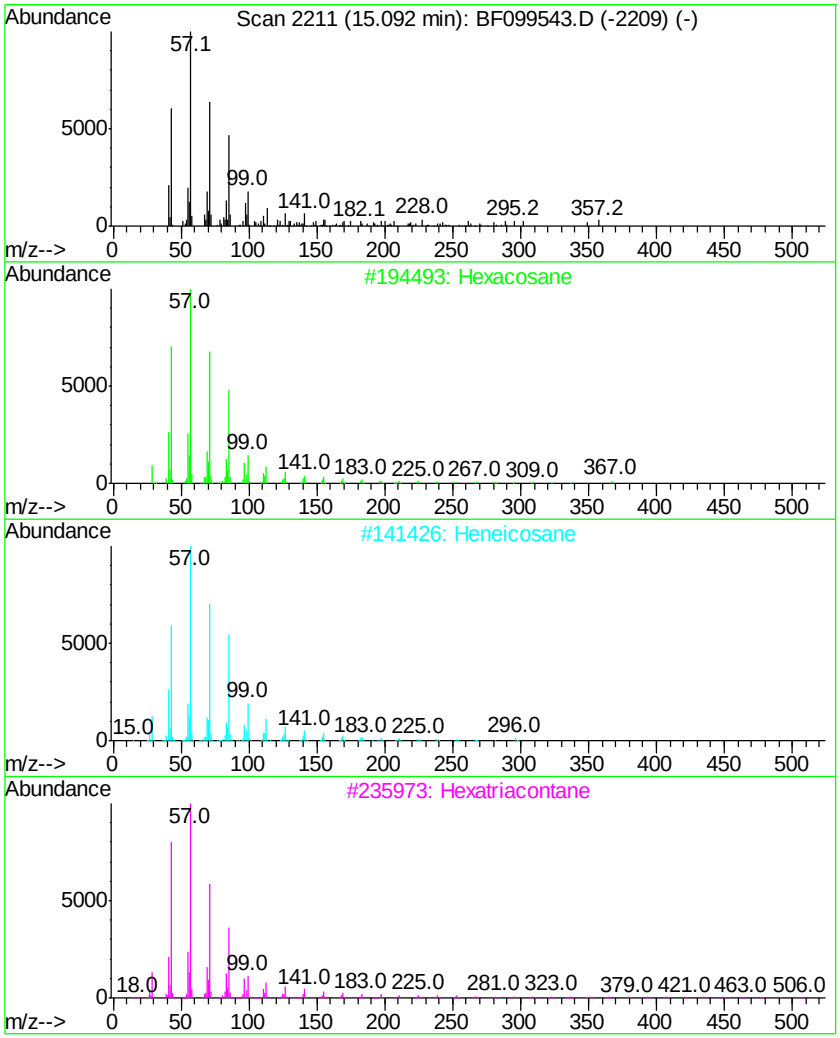
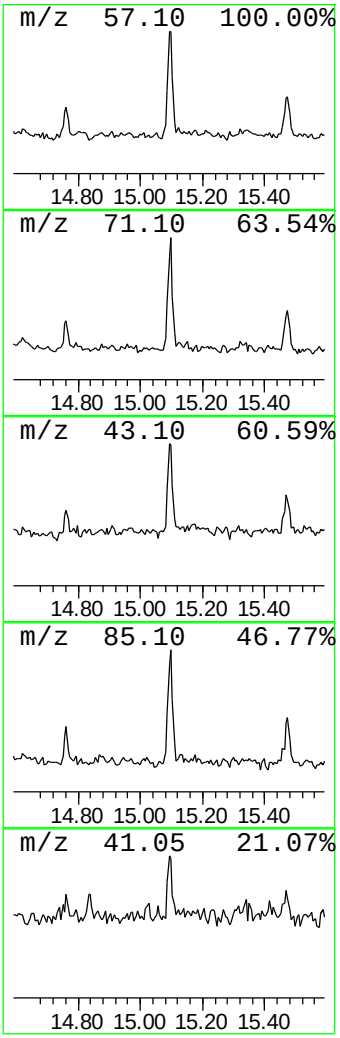
Peak Number 20 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	3.37 ng	93546	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexatriacontane	507	C36H74	000630-06-8	86
4	Octacosane	394	C28H58	000630-02-4	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101617\
Data File : BF099543.D
Acq On : 16 Oct 2017 14:40
Operator : SJ/JU
Sample : I5841-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-101217

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
2-Pentanone, 4-hy...	5.06	7.4	ng	206219	1	6.85	557372	20.0
unknown6.62	6.62	47.1	ng	1313050	1	6.85	557372	20.0
Benzenamine, 2-me...	8.00	3.1	ng	114136	2	8.13	743620	20.0
Hexadecane	9.27	3.2	ng	115564	3	9.88	719797	20.0
Nonadecane, 9-met...	9.80	2.9	ng	104511	3	9.88	719797	20.0
Tetradecane	10.30	4.2	ng	151649	3	9.88	719797	20.0
Heptacosane	10.52	3.2	ng	116560	3	9.88	719797	20.0
Benzophenone	10.59	7.8	ng	281372	3	9.88	719797	20.0
9-methylheptadecane	10.77	6.2	ng	197943	4	11.37	637587	20.0
Heptadecane	11.22	2.9	ng	91523	4	11.37	637587	20.0
Hexadecanoic acid...	11.75	30.1	ng	958714	4	11.37	637587	20.0
9,12-Octadecadien...	12.43	15.9	ng	505787	4	11.37	637587	20.0
cis-13-Octadeceno...	12.46	99.3	ng	3164860	4	11.37	637587	20.0
Methyl stearate	12.54	25.5	ng	813018	4	11.37	637587	20.0
unknown13.19	13.19	7.7	ng	201197	5	14.02	522110	20.0
unknown13.37	13.37	13.8	ng	360718	5	14.02	522110	20.0
1-Hexadecanesulfo...	13.84	3.3	ng	86631	5	14.02	522110	20.0
Hexacosane	15.09	3.4	ng	93546	6	15.49	555890	20.0