LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.440	566	570	588	rBV	679587	682123	10.34%	2.108%
2	6.457	739	743	753	rBV	749710	704082	10.68%	2.175%
3	6.592	762	766	769	rBV	908083	734251	11.13%	2.269%
4	6.822	801	805	812	rBV	349306	282639	4.29%	0.873%
5	6.975	827	831	840	rVB	680571	558507	8.47%	1.726%
6	7.386	897	901	904	rBV	507292	433931	6.58%	1.341%
7	8.104	1020	1023	1025	rVV	465156	370308	5.62%	1.144%
8	8.122	1025	1026	1029	rVB	98936	80406	1.22%	0.248%
9	8.686	1119	1122	1126	rBV	108403	88040	1.34%	0.272%
10	8.816	1141	1144	1147	rVB	111096	87855	1.33%	0.271%
11	8.916	1157	1161	1165	rBV2	136330	131762	2.00%	0.407%
12	9.180	1201	1206	1209	rBV	934696	803136	12.18%	2.481%
13	9.251	1215	1218	1221	rBV	166053	130932	1.99%	0.405%
14	9.445	1247	1251	1255	rVB	82425	97488	1.48%	0.301%
15	9.516	1259	1263	1266	rVV2	108925	127991	1.94%	0.395%
16	9.575	1270	1273	1280	rVB	128462	161644	2.45%	0.499%
17	9.722	1295	1298	1302	rBV	142783	126192	1.91%	0.390%
18	9.780	1305	1308	1312	rVB	187553	139419	2.11%	0.431%
19	9.863	1316	1322	1325	rVV	471644	422542	6.41%	1.306%
20	9.892	1325	1327	1330	rVB	144166	112456	1.71%	0.347%
21	10.069	1353	1357	1360	rVV2	167127	159664	2.42%	0.493%
22	10.104	1360	1363	1367	rVB4	71572	69615	1.06%	0.215%
23	10.175	1371	1375	1378	rBV3	53760	67198	1.02%	0.208%
24	10.280	1387	1393	1396	rBV2	206618	208156	3.16%	0.643%
25	10.410	1412	1415	1420	rVB	302897	263824	4.00%	0.815%
26	10.498	1425	1430	1432	rBV3	72159	82682	1.25%	0.255%
27	10.569	1437	1442	1448	rVB3	48589	83149	1.26%	0.257%
28	10.657	1453	1457	1461	rBV	509452	464324	7.04%	1.435%
29	10.757	1471	1474	1483	rVB	178464	232269	3.52%	0.718%
30	10.957	1503	1508	1511	rBV3	71087	110487	1.68%	0.341%
31	11.204	1546	1550	1552	rBV2	161256	136904	2.08%	0.423%
32	11.251	1556	1558	1562	rVB	112297	90361	1.37%	0.279%
33	11.357	1569	1576	1577	rBV	392401	374549	5.68%	1.157%
34	11.380	1577	1580	1583	rVV	1136970	1055309	16.00%	3.261%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.433	1583	1589	1591	rVV	320715	303998	4.61%	0.939%
36	11.586	1611	1615	1620	rBV	143351	153993	2.34%	0.476%
37	11.627	1620	1622	1626	rVV2	103812	115627	1.75%	0.357%
38	11.739	1636	1641	1644	rBV	2300577	1961552	29.74%	6.061%
39	11.857	1658	1661	1663	rBV	158756	148012	2.24%	0.457%
40	11.886	1663	1666	1669	rVB	249451	235390	3.57%	0.727%
41	11.933	1670	1674	1677	rBV	87045	88756	1.35%	0.274%
42	11.969	1677	1680	1683	rBV	274540	292573	4.44%	0.904%
43	12.039	1688	1692	1694	rBV	106365	95909	1.45%	0.296%
44	12.151	1707	1711	1713	rVV2	96907	90863	1.38%	0.281%
45	12.439	1751	1760	1762	rBV	4007604	6594563	100.00%	20.375%
46	12.463	1762	1764	1768	rVV2	4004834	3718196	56.38%	11.488%
47	12.504	1768	1771	1773	rVV3	54754	70607	1.07%	0.218%
48	12.533	1773	1776	1779	rVB	870056	761419	11.55%	2.353%
49	12.580	1779	1784	1788	rBV	1195086	1184872	17.97%	3.661%
50	12.668	1796	1799	1803	rVB	60334	69014	1.05%	0.213%
51	12.727	1803	1809	1812	rBV2	63784	90554	1.37%	0.280%
52	12.763	1812	1815	1817	rVV3	100247	107492	1.63%	0.332%
53	12.810	1817	1823	1829	rVV	885129	1075222	16.30%	3.322%
54	12.939	1840	1845	1848	rBV	627974	634587	9.62%	1.961%
55	13.027	1855	1860	1864	rBV2	80381	163825	2.48%	0.506%
56	13.086	1867	1870	1872	rVV3	127263	115609	1.75%	0.357%
57	13.115	1872	1875	1876	rVV3	114523	140876	2.14%	0.435%
58	13.133	1876	1878	1881	rVV	229882	230112	3.49%	0.711%
59	13.157	1881	1882	1884	rVV2	83314	78193	1.19%	0.242%
60	13.198	1887	1889	1892	rVV	166509	145796	2.21%	0.450%
61	13.239	1892	1896	1903	rVB3	115125	220211	3.34%	0.680%
62	13.363	1914	1917	1922	rBV	77914	84165	1.28%	0.260%
63	13.680	1969	1971	1979	rVB4	44885	83409	1.26%	0.258%
64	13.757	1979	1984	1986	rBV2	98756	115626	1.75%	0.357%
65	13.827	1994	1996	1999	rVB3	102310	92016	1.40%	0.284%
66	13.857	1999	2001	2008	rVB2	63419	77084	1.17%	0.238%
67	13.921	2009	2012	2018	rBV2	104848	114412	1.73%	0.353%
68	14.004	2021	2026	2029	rBV2	569171	817358	12.39%	2.525%
69	14.033	2029	2031	2034	rVB	409299	326616	4.95%	1.009%
70	14.392	2090	2092	2096	rVB	86400	70017	1.06%	0.216%
71	14.427	2096	2098	2100	rBV	59213	68026	1.03%	0.210%

LSC Area Percent Report

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Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.539	2115	2117	2120	rVB2	79322	68768	1.04%	0.212%
73	14.880	2172	2175	2181	rVB3	96270	160000	2.43%	0.494%
74	15.057	2201	2205	2208	rBV	273775	405533	6.15%	1.253%
75	15.162	2220	2223	2227	rBV	79051	90758	1.38%	0.280%
76	15.362	2253	2257	2262	rVB	144805	184453	2.80%	0.570%
77	15.427	2264	2268	2272	rVV	248004	306950	4.65%	0.948%
78	15.486	2274	2278	2281	rVV	188995	255241	3.87%	0.789%
79	15.521	2281	2284	2289	rVB2	78622	104528	1.59%	0.323%
80	16.974	2526	2531	2538	rVB	107296	202959	3.08%	0.627%
81	17.427	2604	2608	2618	rVB	80345	175634	2.66%	0.543%

Sum of corrected areas: 32365569

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101332.D
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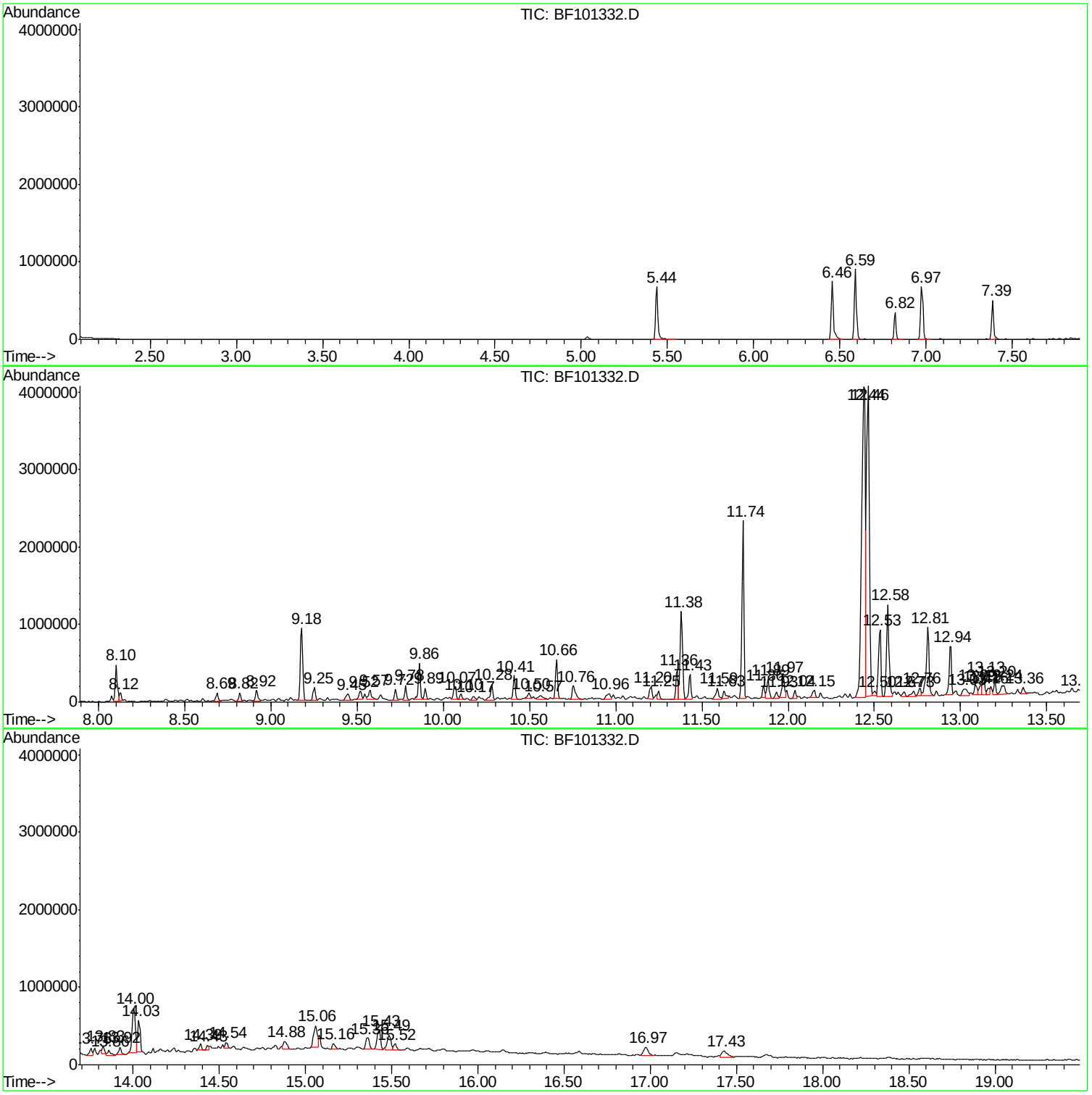
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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\BF121217\
Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

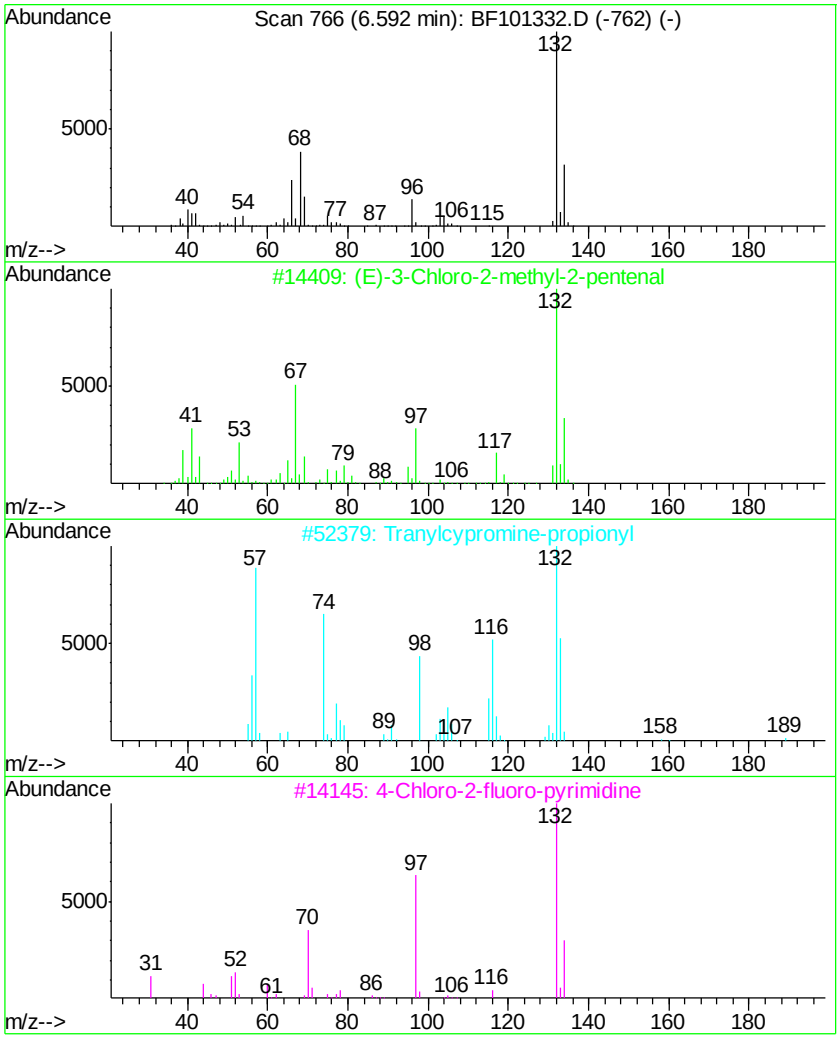
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

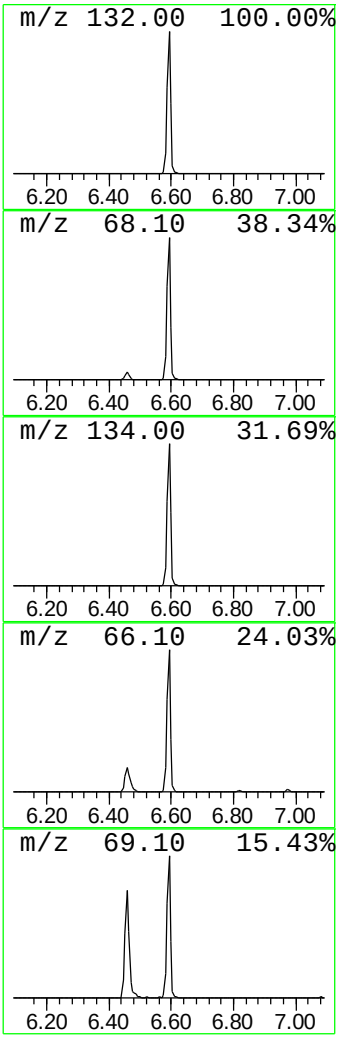
****

Peak Number 1 unknown6.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	51.96 ng	734251	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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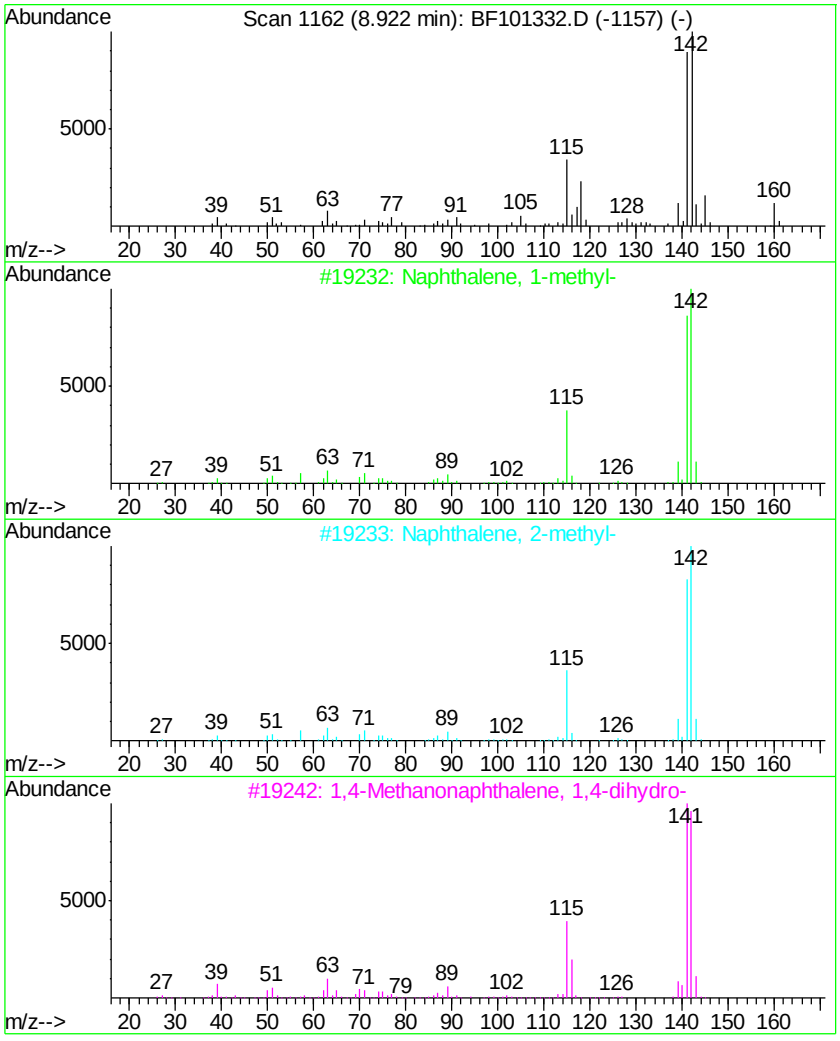
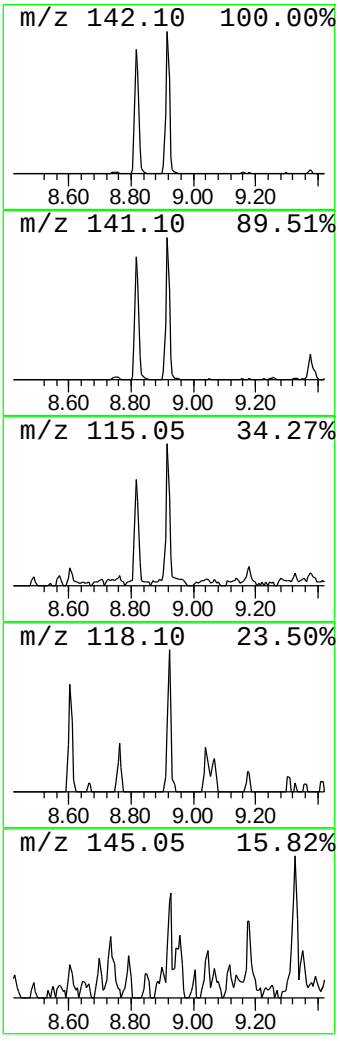
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	7.12 ng	131762	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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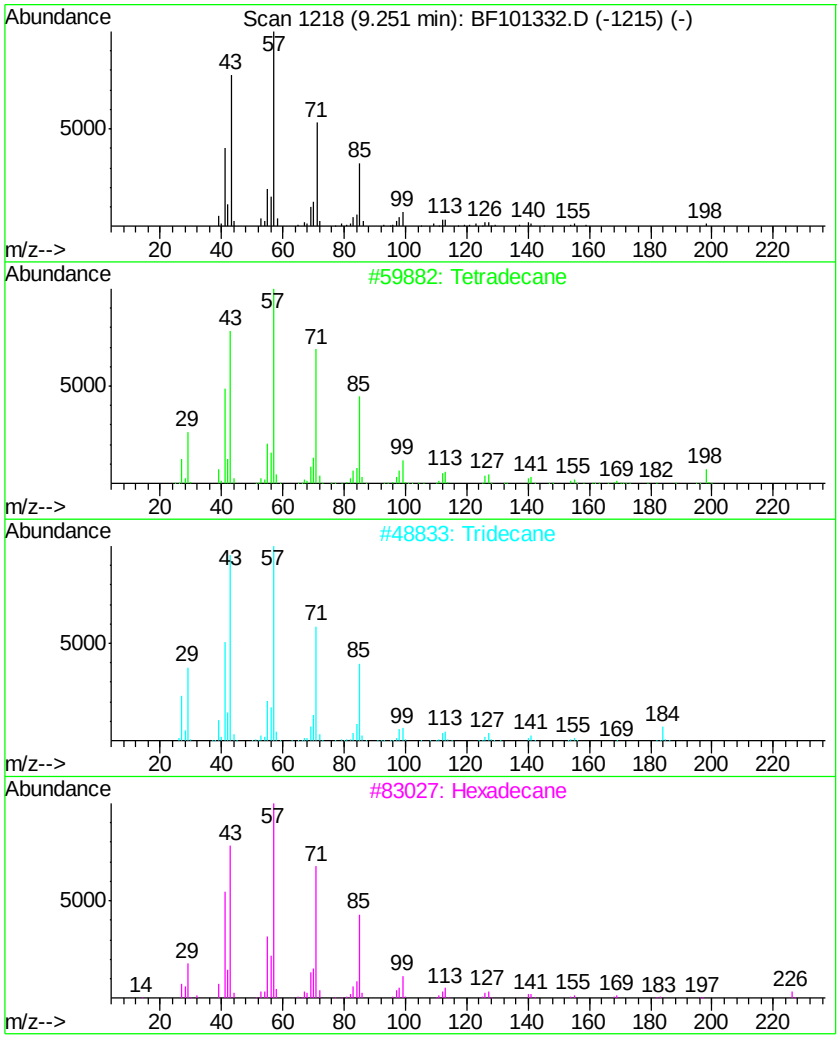
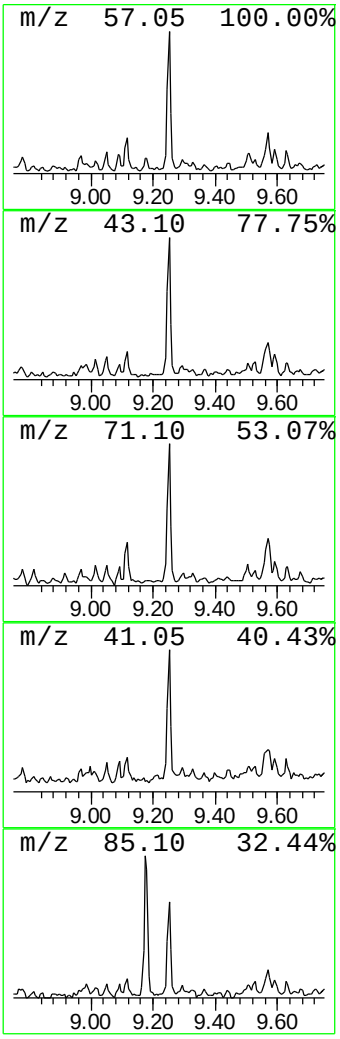
Peak Number 4 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	6.20 ng	130932	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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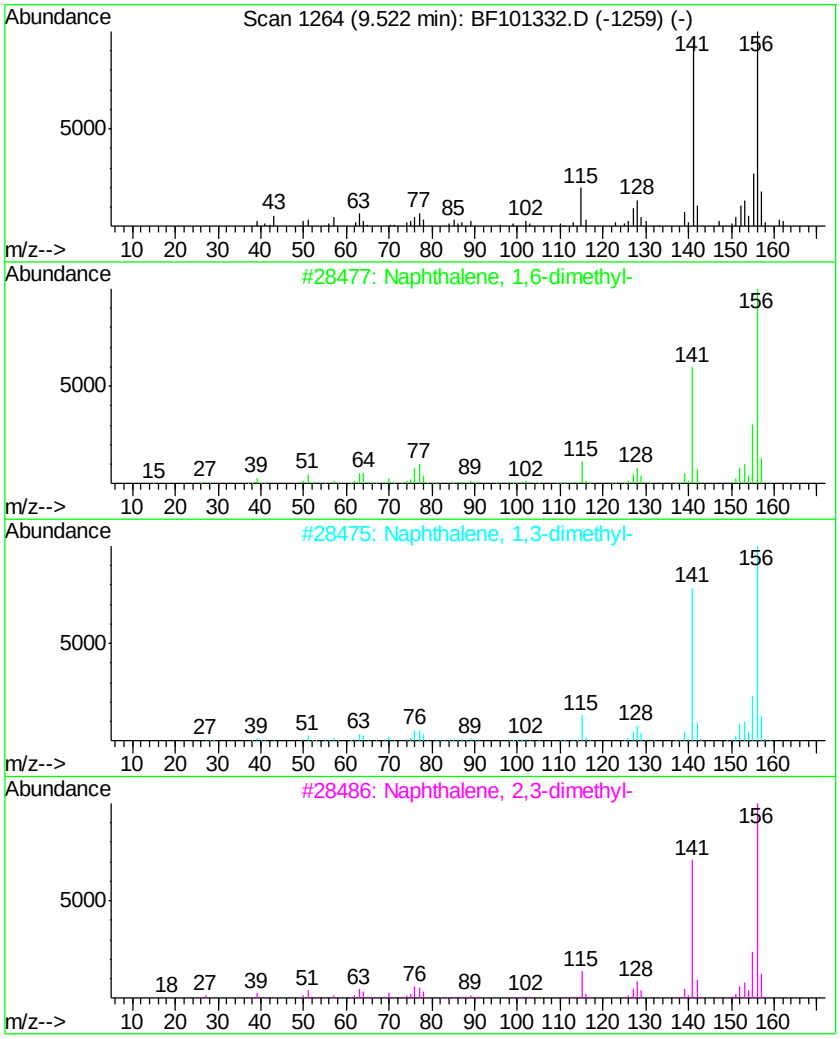
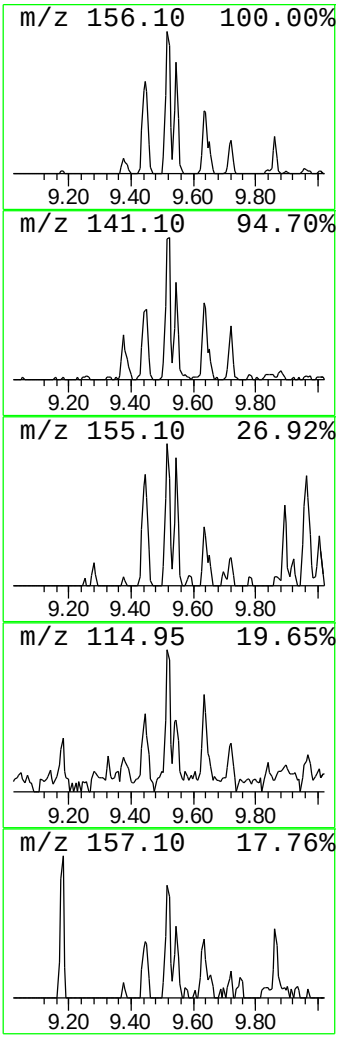
Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	6.06 ng	127991	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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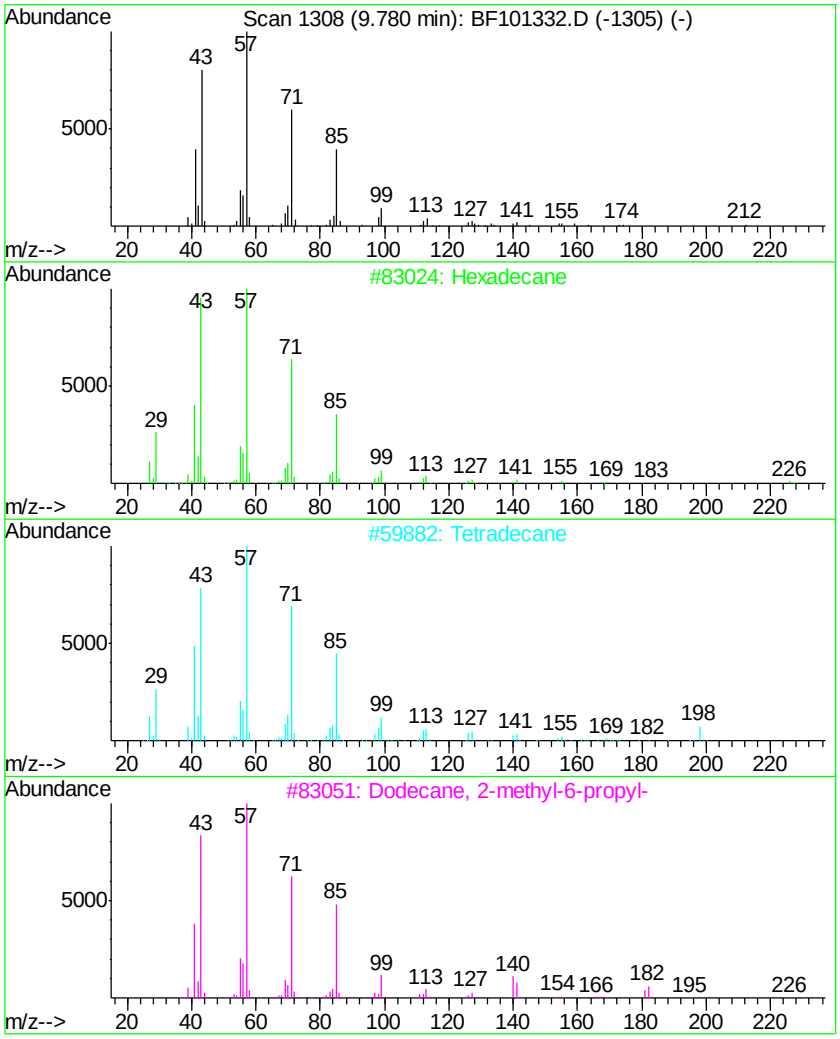
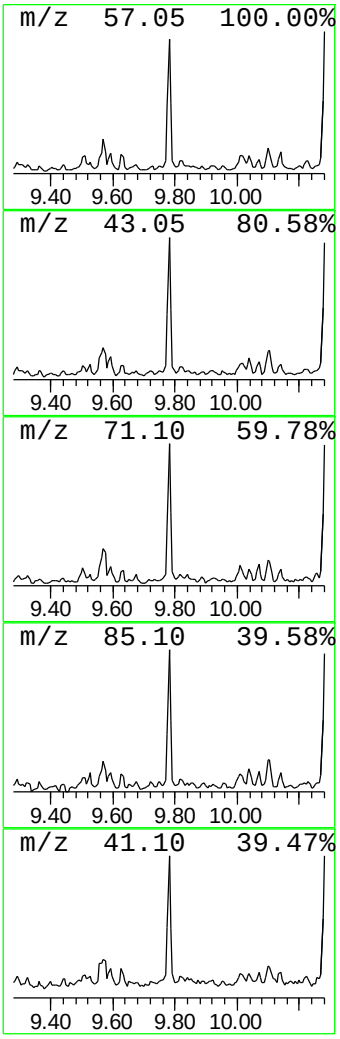
Peak Number 6 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	6.60 ng	139419	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tridecane	184	C13H28	000629-50-5	80
5	Eicosane	282	C20H42	000112-95-8	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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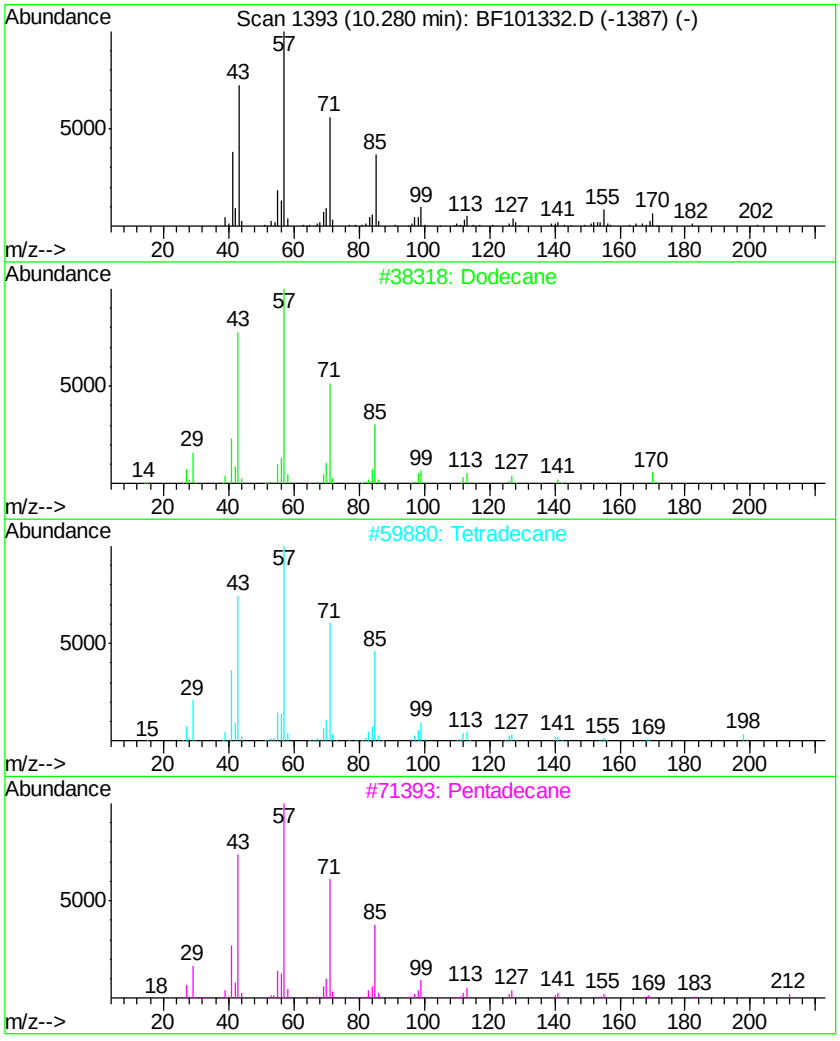
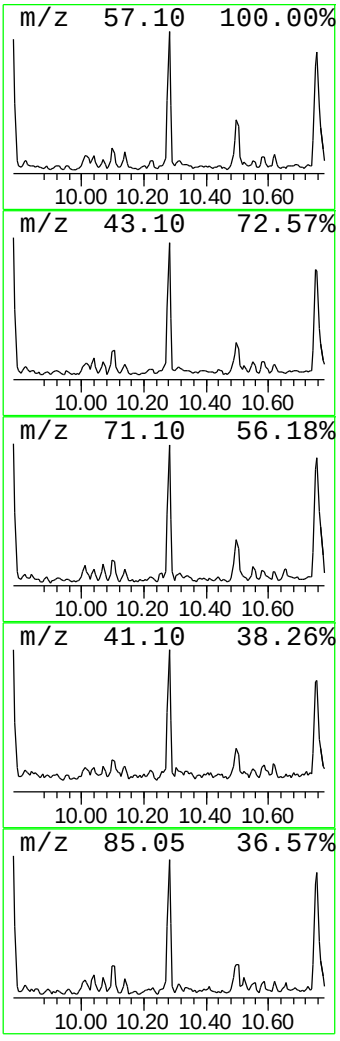
Peak Number 7 Dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	9.85 ng	208156	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Tetradecane	198	C14H30	000629-59-4	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tridecane	184	C13H28	000629-50-5	86





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Data File : BF101332.D
Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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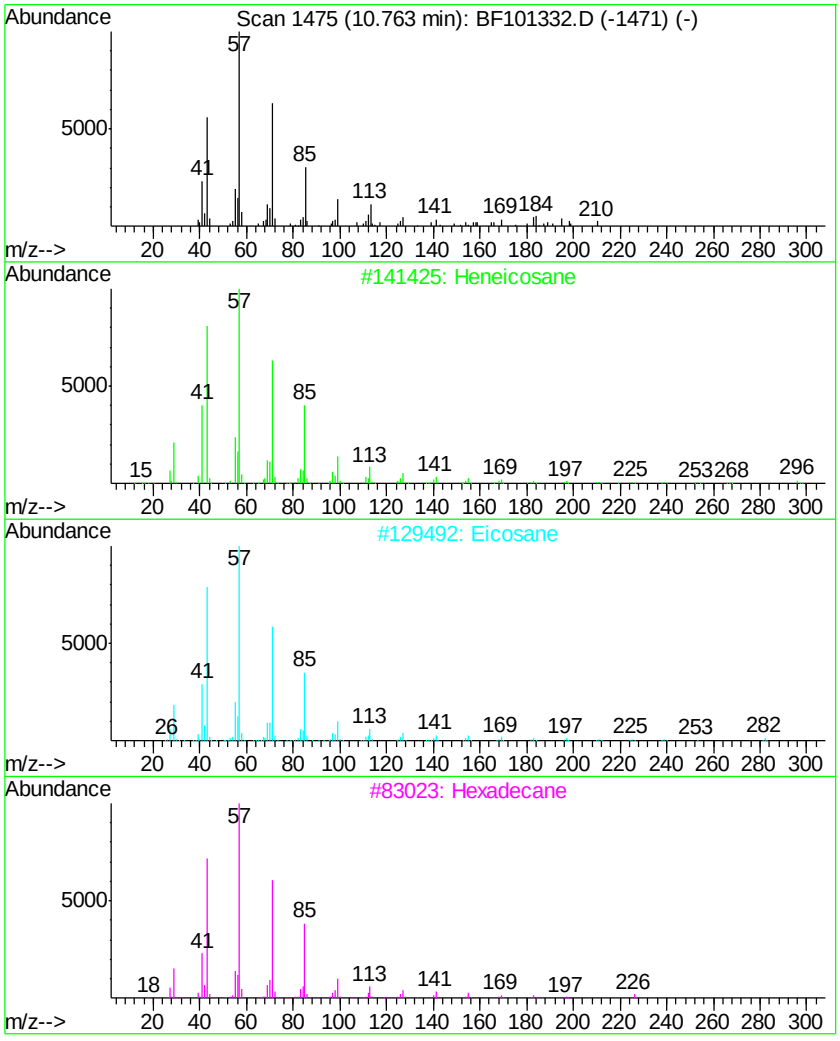
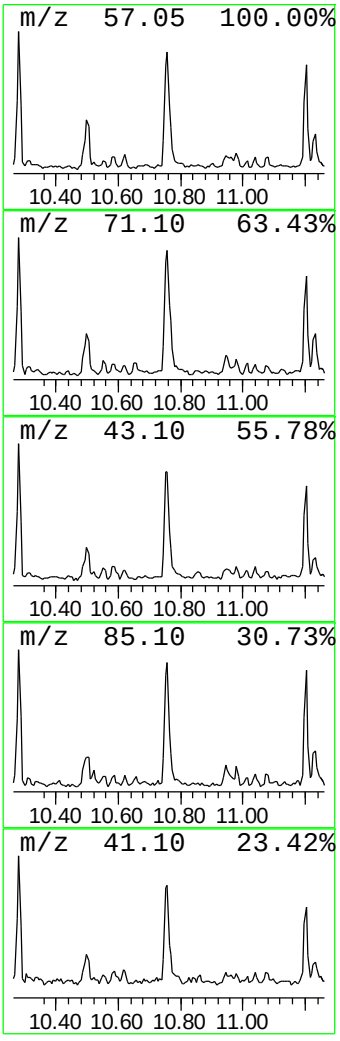
Peak Number 8 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	12.40 ng	232269	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptacosane	380	C27H56	000593-49-7	87





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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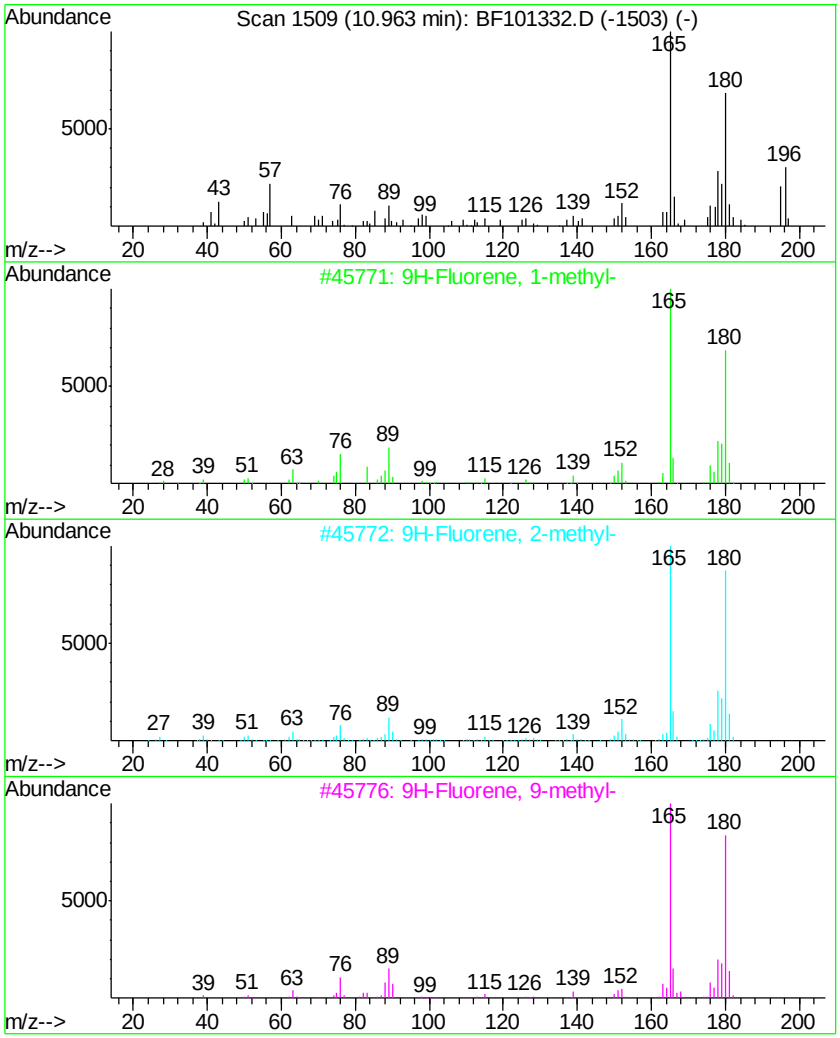
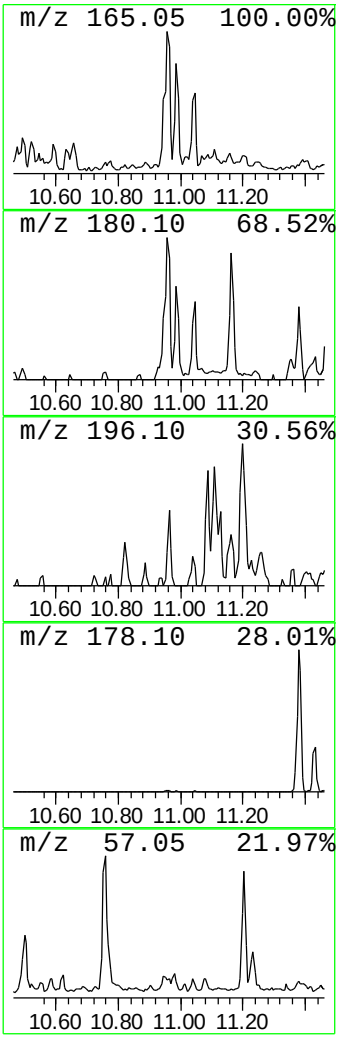
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	5.90 ng	110487	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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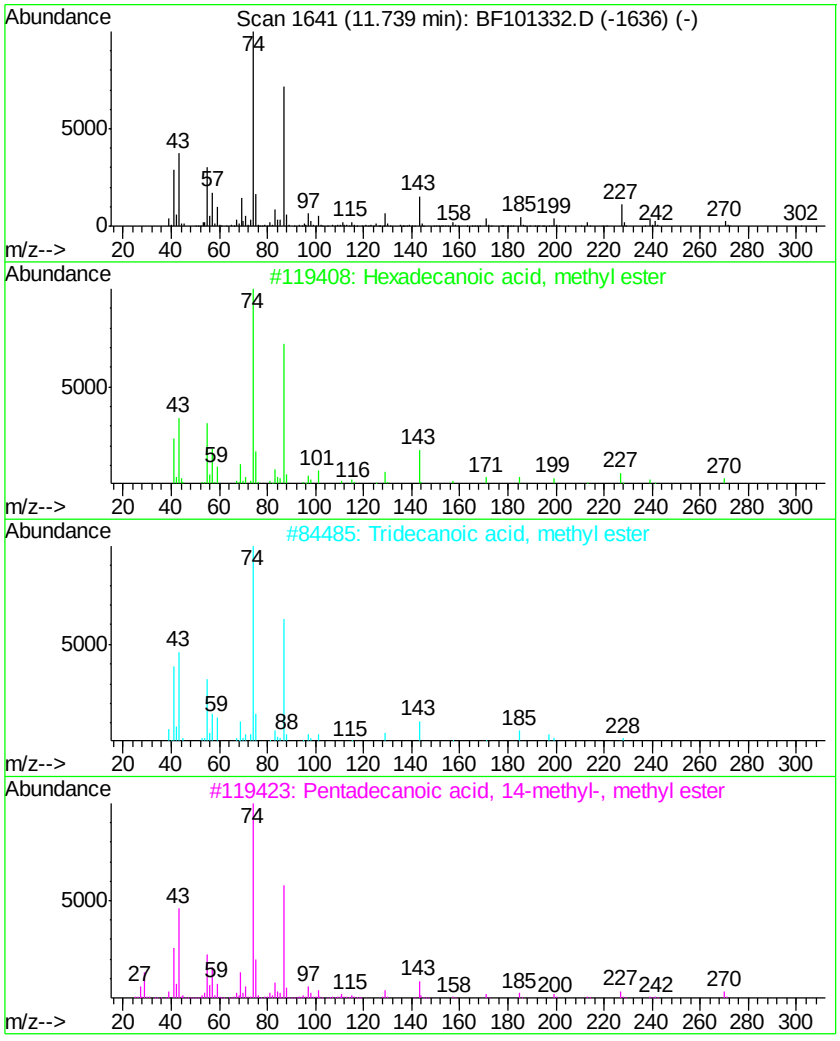
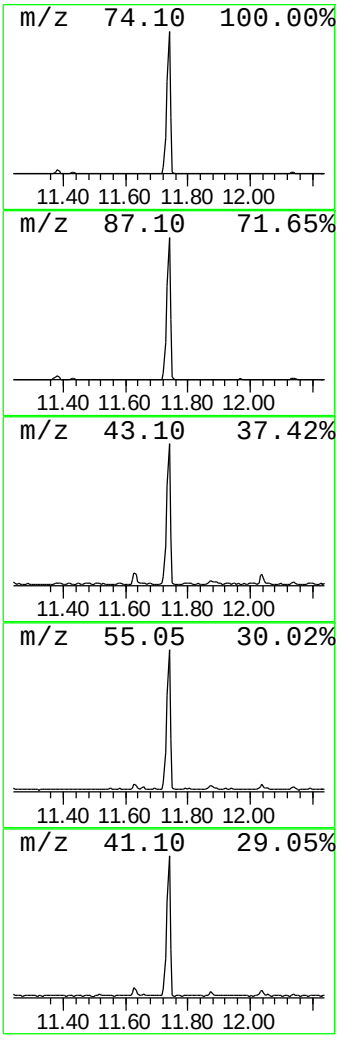
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	104.74 ng	1961550	Phenanthrene-d10	11.36

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	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Library Search Compound Report

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Acq On : 12 Dec 2017 16:22
Operator : SJ/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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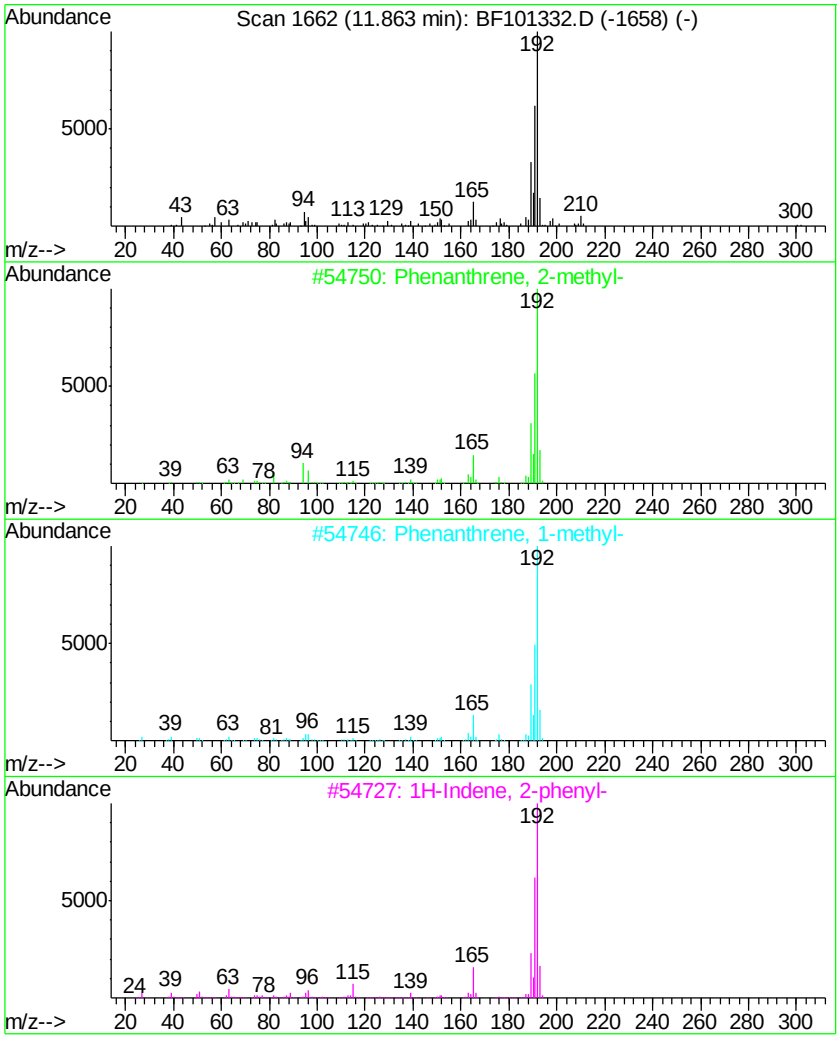
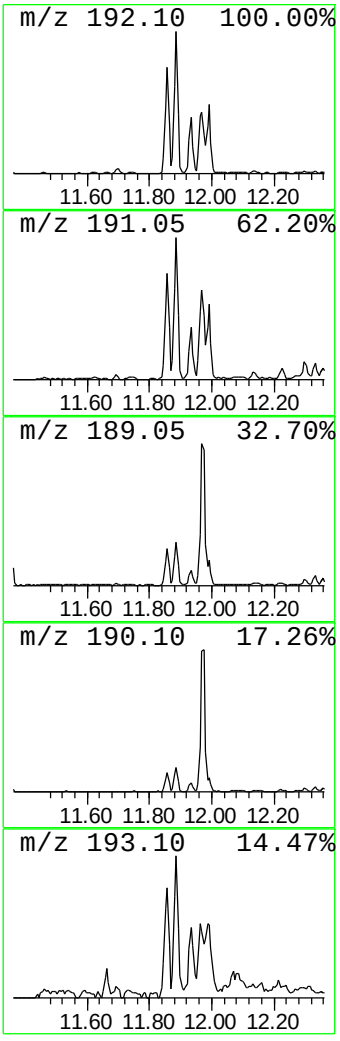
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.90 ng	148012	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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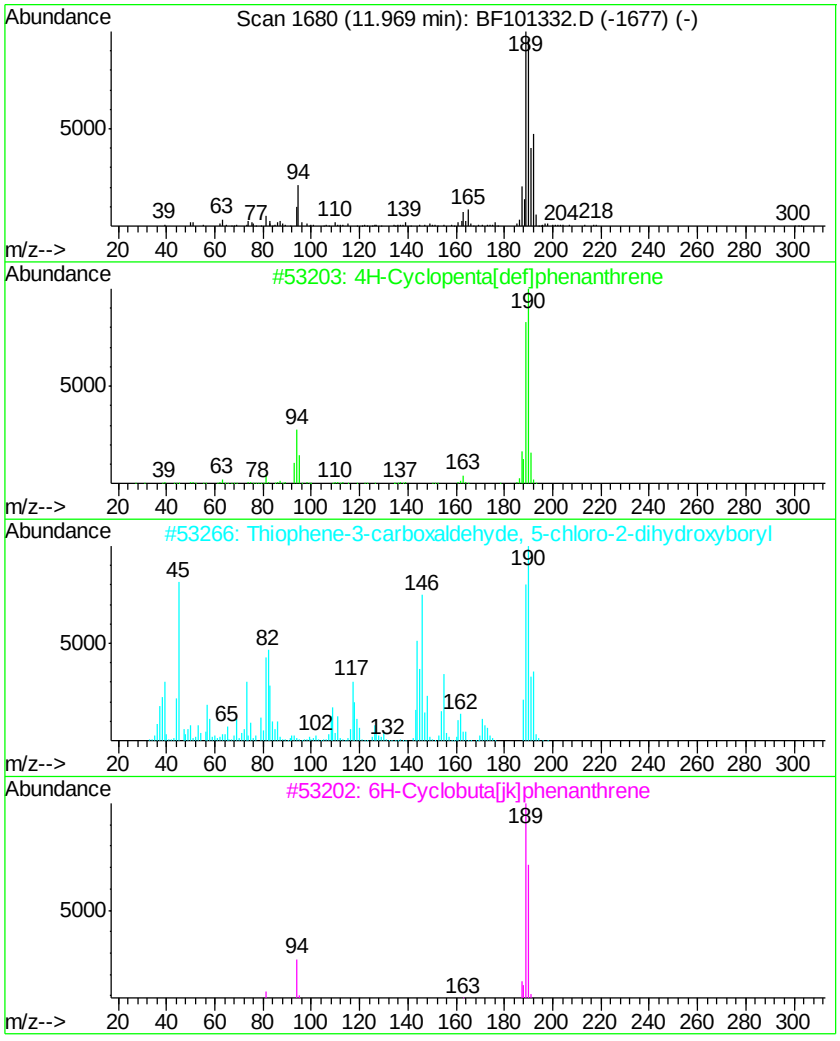
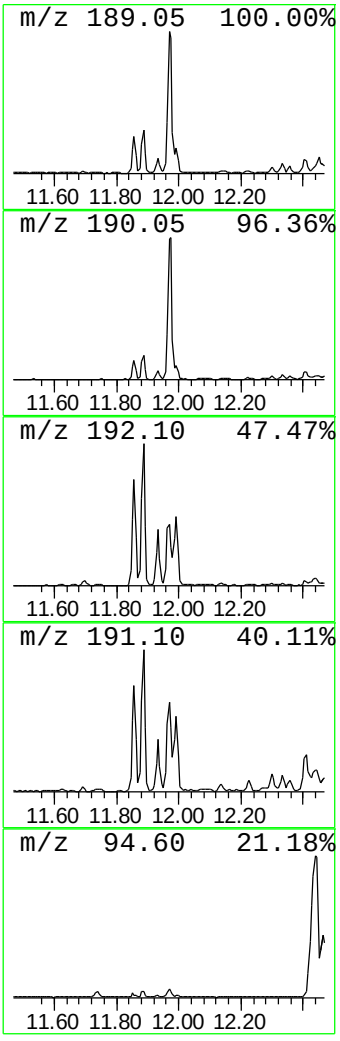
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	15.62 ng	292573	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33





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Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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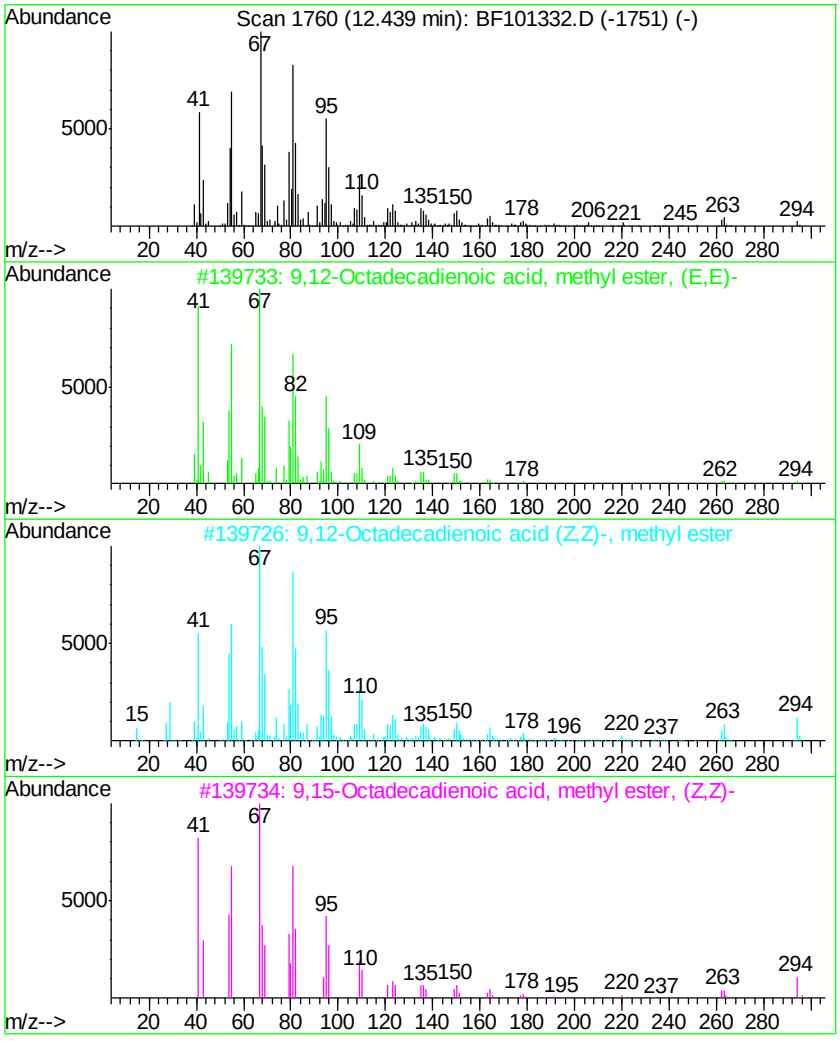
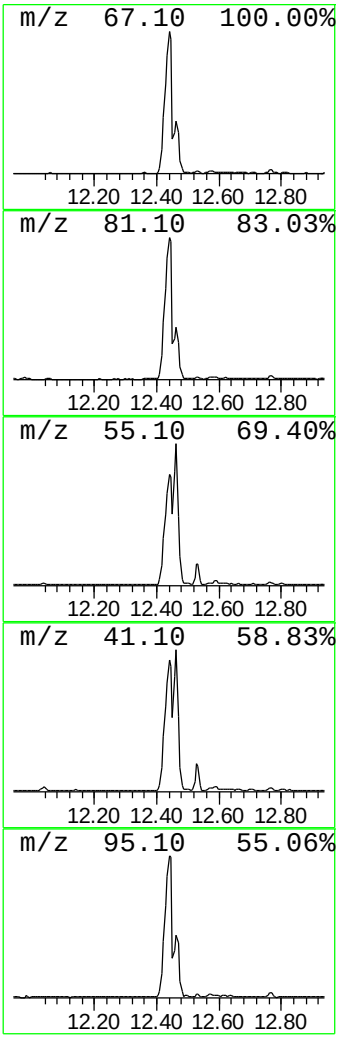
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	352.13 ng	6594560	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





Library Search Compound Report

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Sample : I6675-05 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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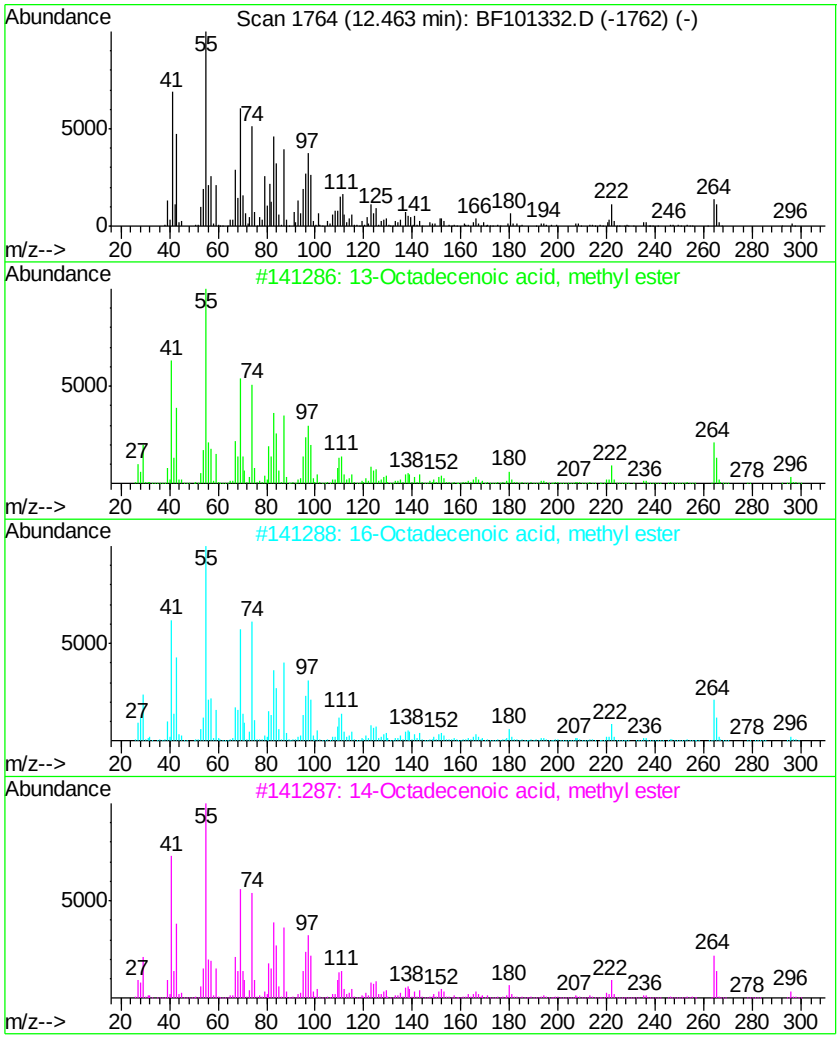
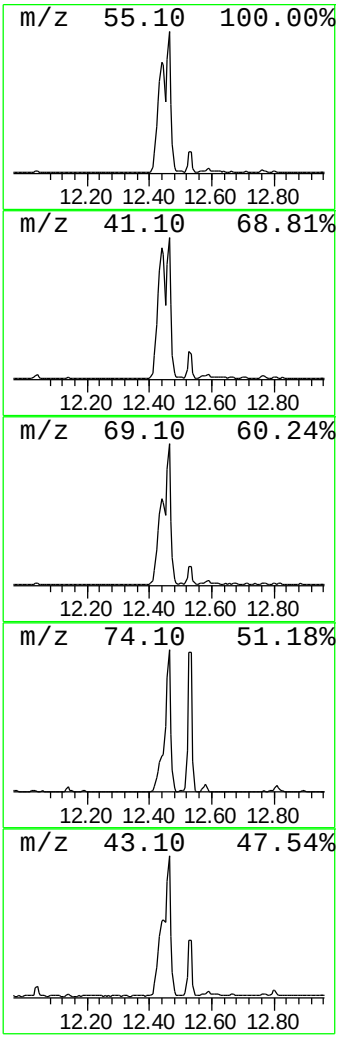
Peak Number 16 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	198.54 ng	3718200	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-121117-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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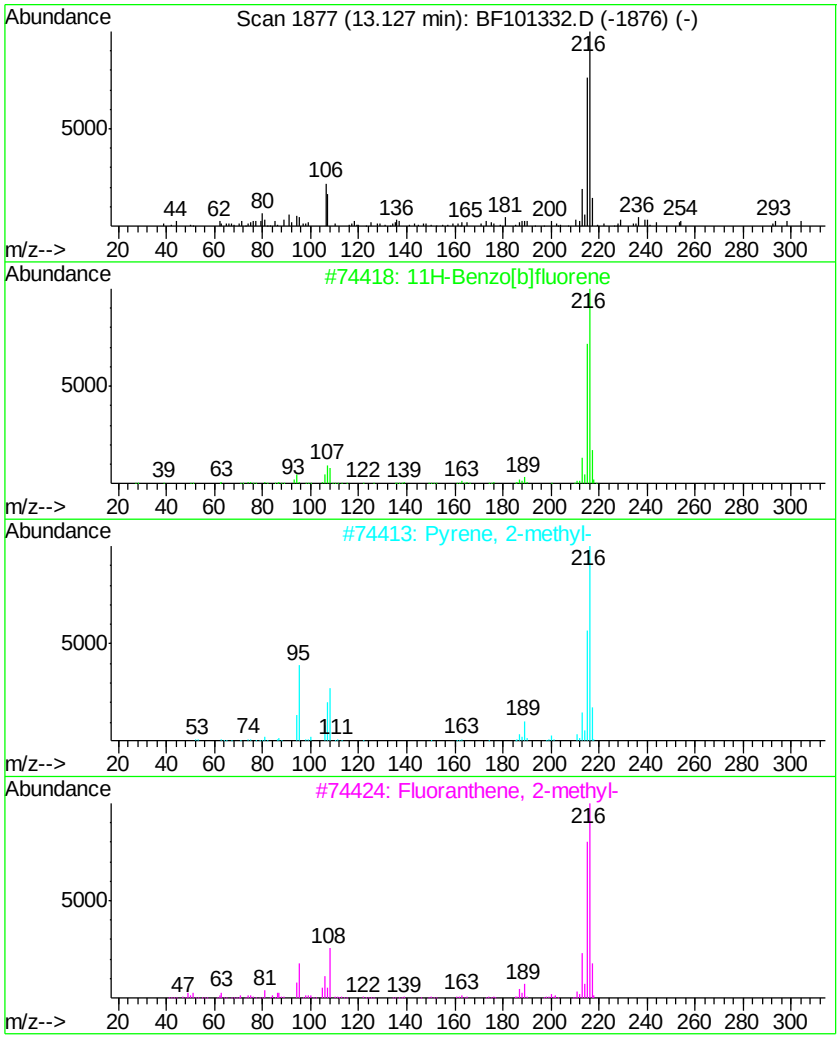
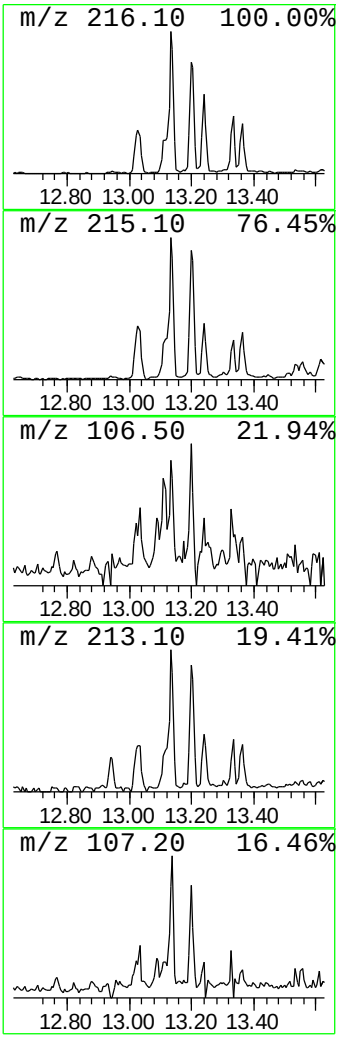
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.63 ng	230112	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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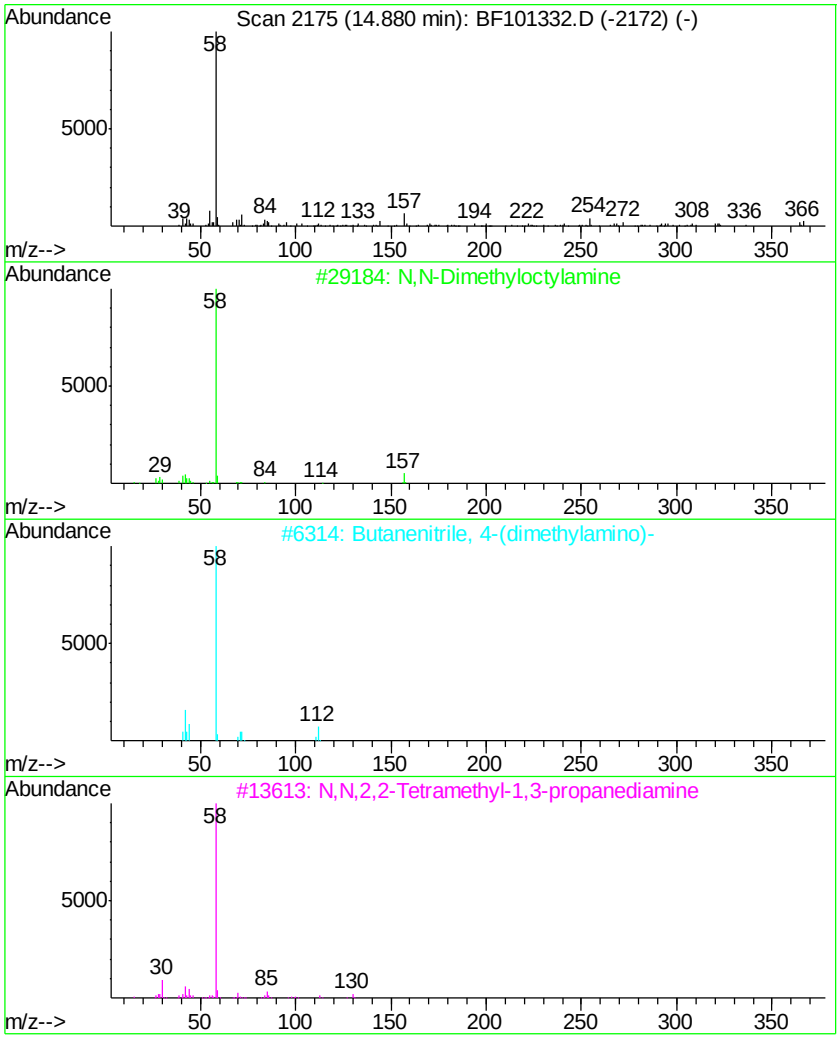
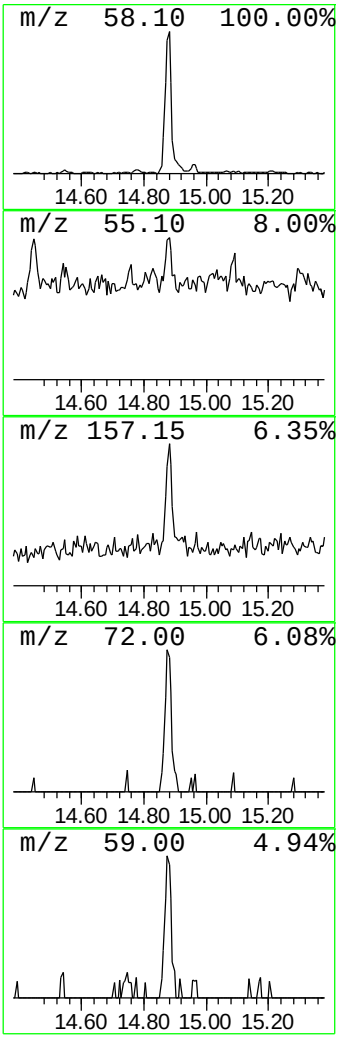
Peak Number 18 N,N-Dimethyloctylamine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	12.54 ng	160000	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
2	Butanenitrile, 4-(dimethylamino)-	112	C6H12N2	013989-82-7	64
3	N,N,2,2-Tetramethyl-1,3-propaned...	130	C7H18N2	053369-71-4	59
4	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	59
5	Imidazolidine-2,4-dione, 5-(4-et...	305	C16H23N3O3	302809-28-5	59





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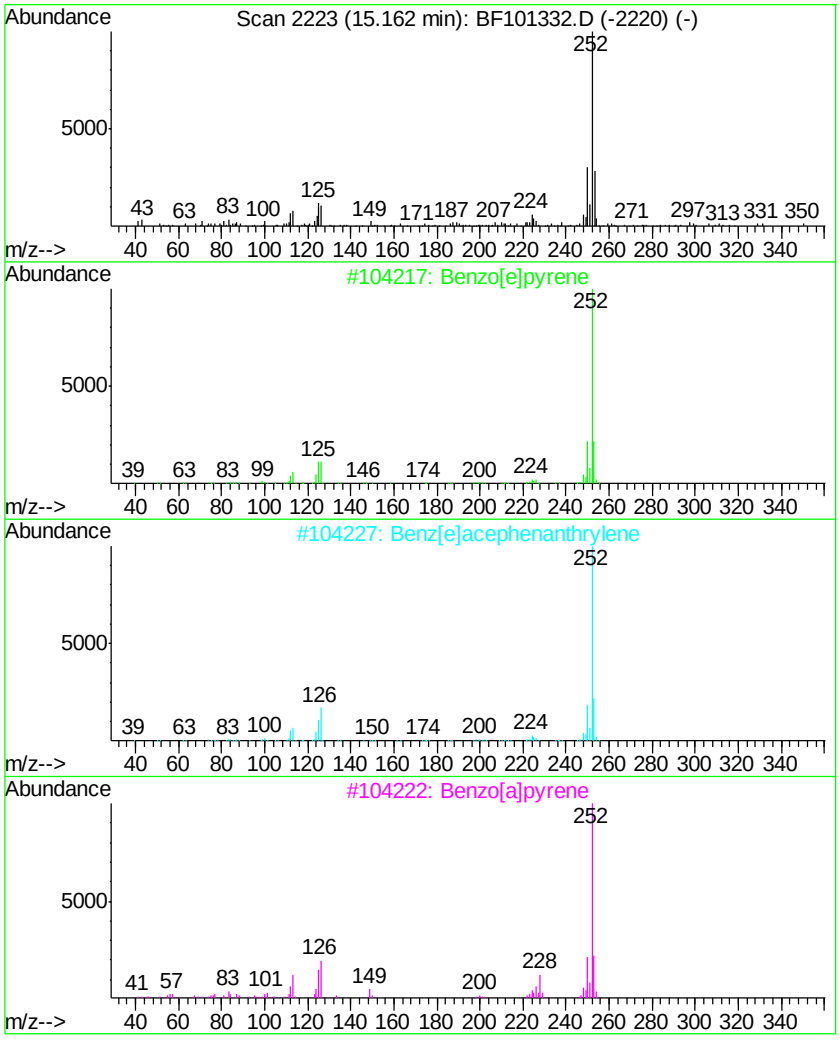
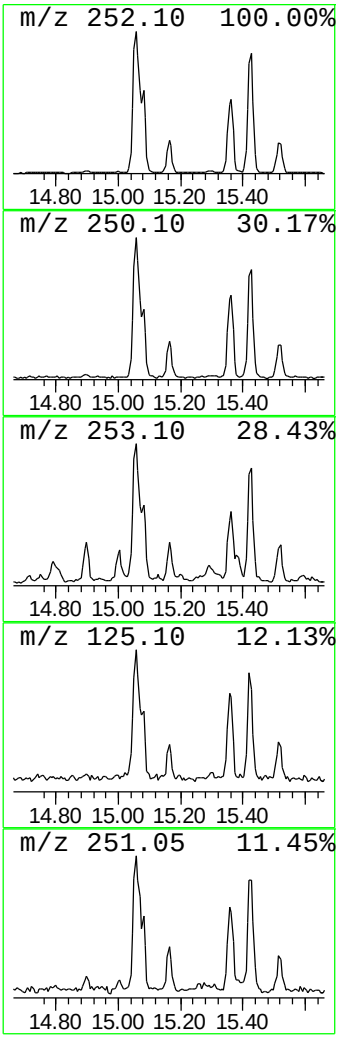
Peak Number 19 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	7.11 ng	90758	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5	9-(p-Nitrobenzylidene)fluorene	299	C20H13NO2	006954-71-8	83





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
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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
unknown6.59	6.59	52.0	ng	734251	1	6.82	282639	20.0
Naphthalene, 1-me...	8.92	7.1	ng	131762	2	8.10	370308	20.0
Tetradecane	9.25	6.2	ng	130932	3	9.86	422542	20.0
Naphthalene, 1,6-...	9.52	6.1	ng	127991	3	9.86	422542	20.0
Hexadecane	9.78	6.6	ng	139419	3	9.86	422542	20.0
Dodecane	10.28	9.8	ng	208156	3	9.86	422542	20.0
Heneicosane	10.76	12.4	ng	232269	4	11.36	374549	20.0
9H-Fluorene, 1-me...	10.96	5.9	ng	110487	4	11.36	374549	20.0
Hexadecanoic acid...	11.74	104.7	ng	1961550	4	11.36	374549	20.0
Phenanthrene, 2-m...	11.86	7.9	ng	148012	4	11.36	374549	20.0
4H-Cyclopenta[def...	11.97	15.6	ng	292573	4	11.36	374549	20.0
9,12-Octadecadien...	12.44	352.1	ng	6594560	4	11.36	374549	20.0
13-Octadecenoic a...	12.46	198.5	ng	3718200	4	11.36	374549	20.0
11H-Benzo[b]fluorene	13.13	5.6	ng	230112	5	14.01	817358	20.0
N,N-Dimethyloctyl...	14.88	12.5	ng	160000	6	15.49	255241	20.0
Benzo[e]pyrene	15.16	7.1	ng	90758	6	15.49	255241	20.0