LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	4.387	387	391	410	rBV	921781	1171630	33.56%	2.120%
2	5.022	493	499	502	rBV	1648188	1942535	55.64%	3.515%
3	5.428	566	568	587	rVB	503549	675732	19.36%	1.223%
4	6.445	738	741	753	rBV	1861757	2116406	60.62%	3.829%
5	6.581	760	764	769	rVB	1515600	1381063	39.56%	2.499%
6	6.628	769	772	775	rBV	161348	150829	4.32%	0.273%
7	6.804	799	802	808	rBV	1157510	1127386	32.29%	2.040%
8	6.963	823	829	837	rVB	2037298	1948576	55.82%	3.525%
9	7.075	842	848	850	rBV4	159623	209688	6.01%	0.379%
10	7.134	854	858	863	rVB3	114664	176124	5.04%	0.319%
11	7.181	863	866	871	rBV2	117185	166768	4.78%	0.302%
12	7.334	887	892	895	rVB2	117937	156885	4.49%	0.284%
13	7.375	895	899	906	rBV	1520250	1644539	47.11%	2.975%
14	7.445	906	911	914	rVB4	131229	171457	4.91%	0.310%
15	7.492	914	919	925	rBV6	81147	187304	5.37%	0.339%
16	7.575	931	933	935	rBV2	133780	110241	3.16%	0.199%
17	7.604	935	938	941	rVB2	101110	105472	3.02%	0.191%
18	7.675	947	950	953	rBV2	87013	118547	3.40%	0.214%
19	7.763	962	965	968	rVV2	106106	135738	3.89%	0.246%
20	7.792	968	970	973	rVV2	100539	113014	3.24%	0.204%
21	7.828	973	976	979	rVV4	166898	189949	5.44%	0.344%
22	7.898	985	988	991	rVV2	84636	120467	3.45%	0.218%
23	8.028	1007	1010	1013	rVV5	70193	99252	2.84%	0.180%
24	8.063	1013	1016	1018	rVV	246658	240652	6.89%	0.435%
25	8.092	1018	1021	1023	rVV	1530902	1405644	40.26%	2.543%
26	8.110	1023	1024	1027	rVV	370678	329650	9.44%	0.596%
27	8.139	1027	1029	1031	rVV	193059	155687	4.46%	0.282%
28	8.169	1031	1034	1042	rVB7	93157	144625	4.14%	0.262%
29	8.375	1066	1069	1073	rVB6	79252	91938	2.63%	0.166%
30	8.669	1117	1119	1123	rVB	139660	111675	3.20%	0.202%
31	8.804	1139	1142	1145	rBV	244726	223514	6.40%	0.404%
32	8.904	1157	1159	1165	rVB	182421	170275	4.88%	0.308%
33	9.163	1199	1203	1208	rBV	2688673	2452871	70.26%	4.438%
34	9.234	1211	1215	1218	rBV	245529	233987	6.70%	0.423%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.269	1218	1221	1226	rBV	80761	97215	2.78%	0.176%
36	9.434	1245	1249	1253	rBV	109610	151434	4.34%	0.274%
37	9.504	1257	1261	1264	rBV2	145145	179799	5.15%	0.325%
38	9.557	1264	1270	1278	rVB3	278566	400309	11.47%	0.724%
39	9.710	1292	1296	1298	rBV2	150008	170619	4.89%	0.309%
40	9.763	1303	1305	1310	rVB	255696	221193	6.34%	0.400%
41	9.845	1316	1319	1322	rVV	1289143	1161863	33.28%	2.102%
42	9.881	1322	1325	1328	rVB	472005	402373	11.53%	0.728%
43	9.998	1341	1345	1347	rBV4	65013	92221	2.64%	0.167%
44	10.051	1351	1354	1358	rVB2	250007	232846	6.67%	0.421%
45	10.086	1358	1360	1364	rVB2	147662	133475	3.82%	0.241%
46	10.163	1369	1373	1376	rBV2	107000	150351	4.31%	0.272%
47	10.263	1384	1390	1393	rBV	328326	361663	10.36%	0.654%
48	10.398	1409	1413	1419	rVB	317855	316204	9.06%	0.572%
49	10.480	1422	1427	1430	rVV2	172661	209361	6.00%	0.379%
50	10.633	1450	1453	1457	rBV	113367	151070	4.33%	0.273%
51	10.739	1468	1471	1480	rVB2	327611	504327	14.45%	0.912%
52	11.075	1523	1528	1530	rBV5	79364	147885	4.24%	0.268%
53	11.186	1544	1547	1550	rBV3	302958	283719	8.13%	0.513%
54	11.216	1550	1552	1554	rVV	120898	102016	2.92%	0.185%
55	11.233	1554	1555	1566	rVB	183398	193349	5.54%	0.350%
56	11.339	1569	1573	1575	rBV	1199105	1163541	33.33%	2.105%
57	11.369	1575	1578	1581	rVB	2250445	2062969	59.09%	3.732%
58	11.416	1583	1586	1591	rVB	766527	624455	17.89%	1.130%
59	11.575	1609	1613	1617	rBV2	252452	329696	9.44%	0.597%
60	11.610	1617	1619	1621	rBV	117336	95161	2.73%	0.172%
61	11.839	1655	1658	1661	rBV	340175	301664	8.64%	0.546%
62	11.869	1661	1663	1668	rVB2	436624	392146	11.23%	0.709%
63	11.916	1669	1671	1675	rVB	169185	143177	4.10%	0.259%
64	11.957	1675	1678	1680	rBV2	549189	590033	16.90%	1.068%
65	12.022	1686	1689	1692	rBV2	182702	169538	4.86%	0.307%
66	12.075	1696	1698	1701	rVB3	95815	97395	2.79%	0.176%
67	12.133	1706	1708	1713	rVB	286036	242984	6.96%	0.440%
68	12.180	1713	1716	1719	rBV3	204391	201600	5.77%	0.365%
69	12.275	1728	1732	1737	rBV	990554	923417	26.45%	1.671%
70	12.392	1749	1752	1754	rBV	223263	237433	6.80%	0.430%
71	12.563	1777	1781	1783	rBV	2946029	2930278	83.94%	5.302%

LSC Area Percent Report

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Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.586	1783	1785	1789	rVB2	359479	329649	9.44%	0.596%
73	12.710	1803	1806	1808	rBV2	168499	148123	4.24%	0.268%
74	12.792	1813	1820	1825	rBV2	2578321	3491104	100.00%	6.316%
75	12.922	1838	1842	1845	rVB2	1684132	1514276	43.38%	2.740%
76	12.957	1845	1848	1851	rVB	141646	146266	4.19%	0.265%
77	13.010	1852	1857	1860	rBV2	218605	381221	10.92%	0.690%
78	13.057	1863	1865	1868	rVB	263818	228811	6.55%	0.414%
79	13.116	1869	1875	1878	rBV	420264	559303	16.02%	1.012%
80	13.186	1884	1887	1889	rBV	363315	355278	10.18%	0.643%
81	13.222	1889	1893	1896	rVV2	198953	278983	7.99%	0.505%
82	13.316	1906	1909	1911	rBV	184687	161107	4.61%	0.291%
83	13.345	1912	1914	1920	rVB2	196179	234635	6.72%	0.425%
84	13.633	1961	1963	1966	rVB	204993	173665	4.97%	0.314%
85	13.739	1979	1981	1983	rBV2	243829	216033	6.19%	0.391%
86	13.763	1983	1985	1988	rVV	285718	224619	6.43%	0.406%
87	13.810	1988	1993	1997	rVV3	423636	658739	18.87%	1.192%
88	13.845	1997	1999	2005	rVB	222080	223373	6.40%	0.404%
89	13.986	2019	2023	2027	rBV2	1617260	2502597	71.68%	4.528%
90	14.021	2027	2029	2032	rVB	1510397	1132409	32.44%	2.049%
91	14.098	2040	2042	2044	rBV	341889	270673	7.75%	0.490%
92	14.380	2088	2090	2092	rVB	253215	189116	5.42%	0.342%
93	15.039	2198	2202	2205	rBV	978227	1533556	43.93%	2.775%
94	15.145	2218	2220	2224	rVB	225996	220566	6.32%	0.399%
95	15.345	2250	2254	2258	rBV	604461	690711	19.78%	1.250%
96	15.410	2261	2265	2271	rVV	875444	1155349	33.09%	2.090%
97	15.468	2272	2275	2278	rVV	515321	610142	17.48%	1.104%
98	15.498	2278	2280	2286	rVB2	275062	356363	10.21%	0.645%
99	16.951	2523	2527	2533	rVB	385072	764919	21.91%	1.384%
100	17.404	2600	2604	2612	rVB	282143	570699	16.35%	1.033%

Sum of corrected areas: 55271184

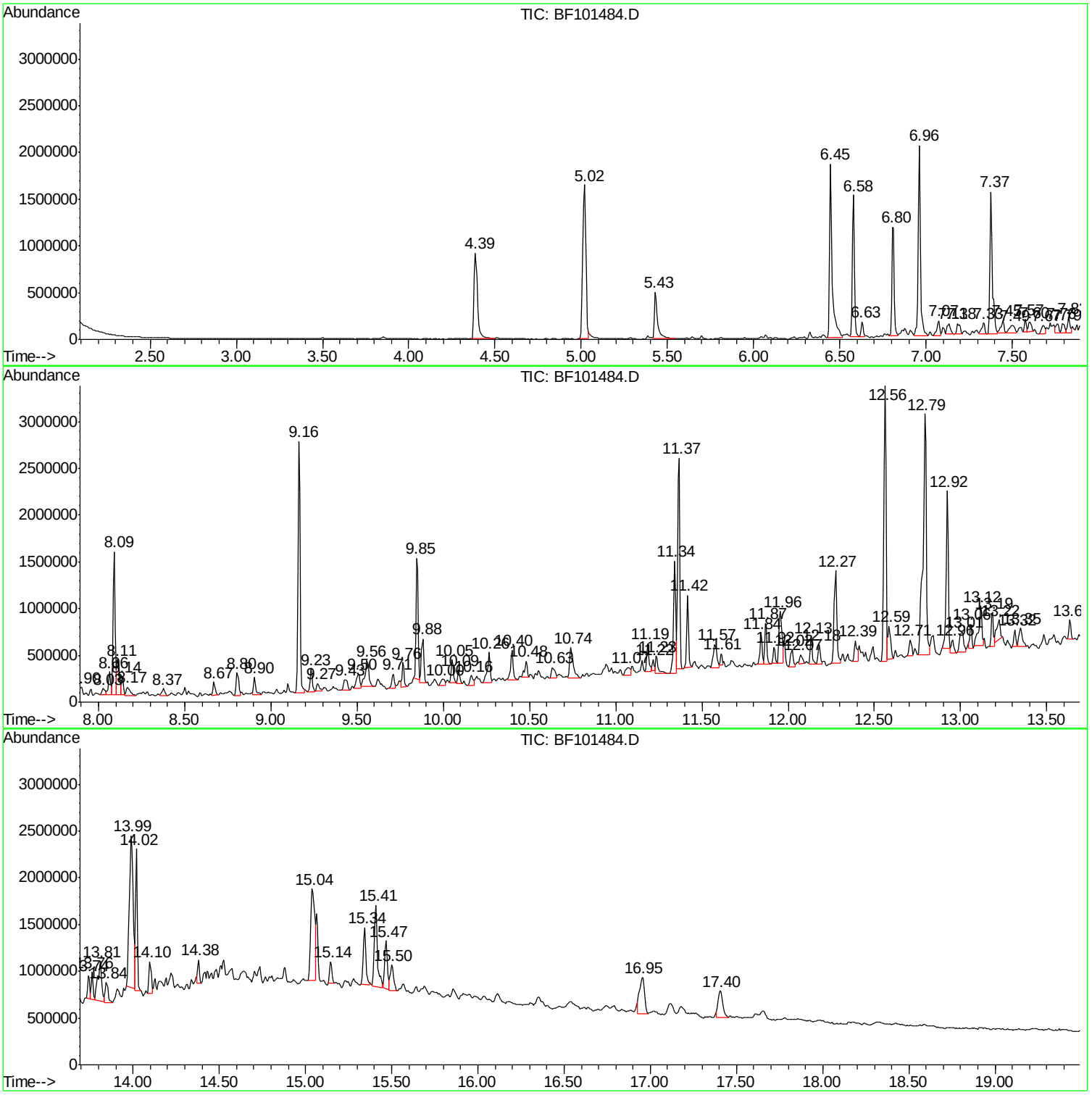
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF121817\
Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

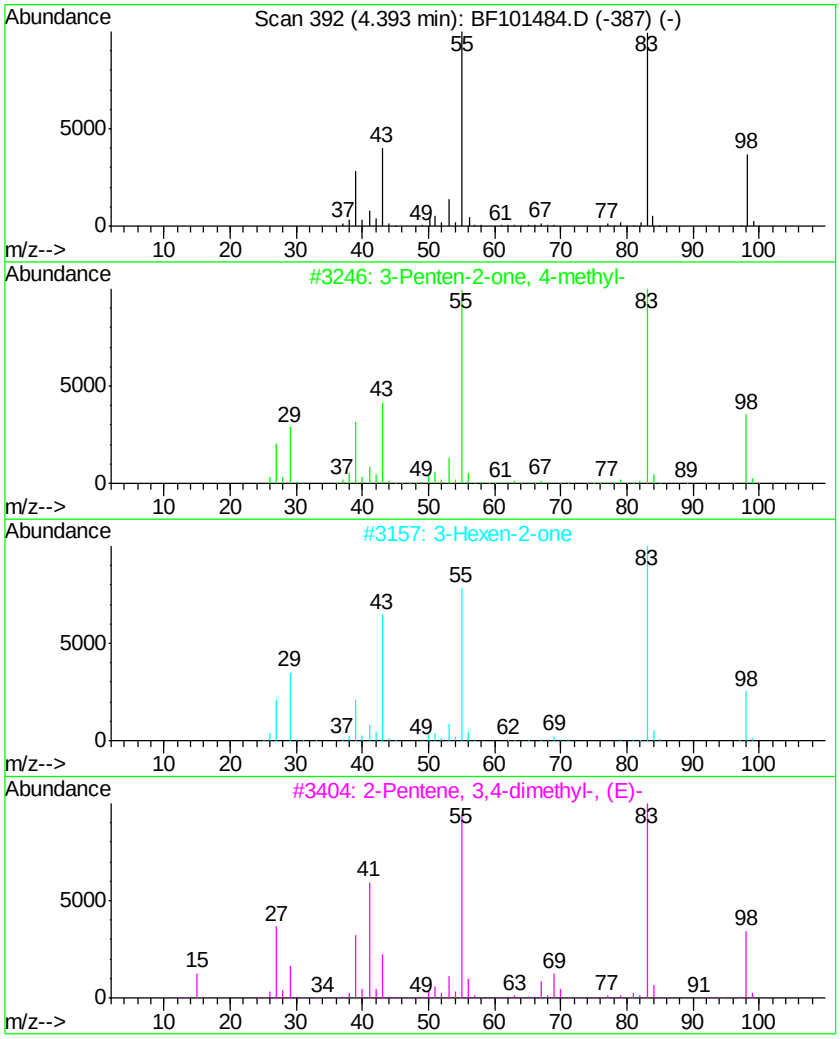
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

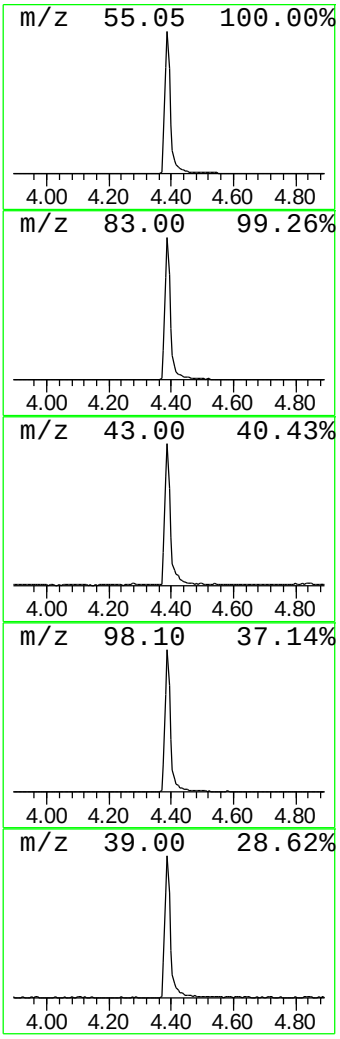
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	20.78 ng	1171630	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

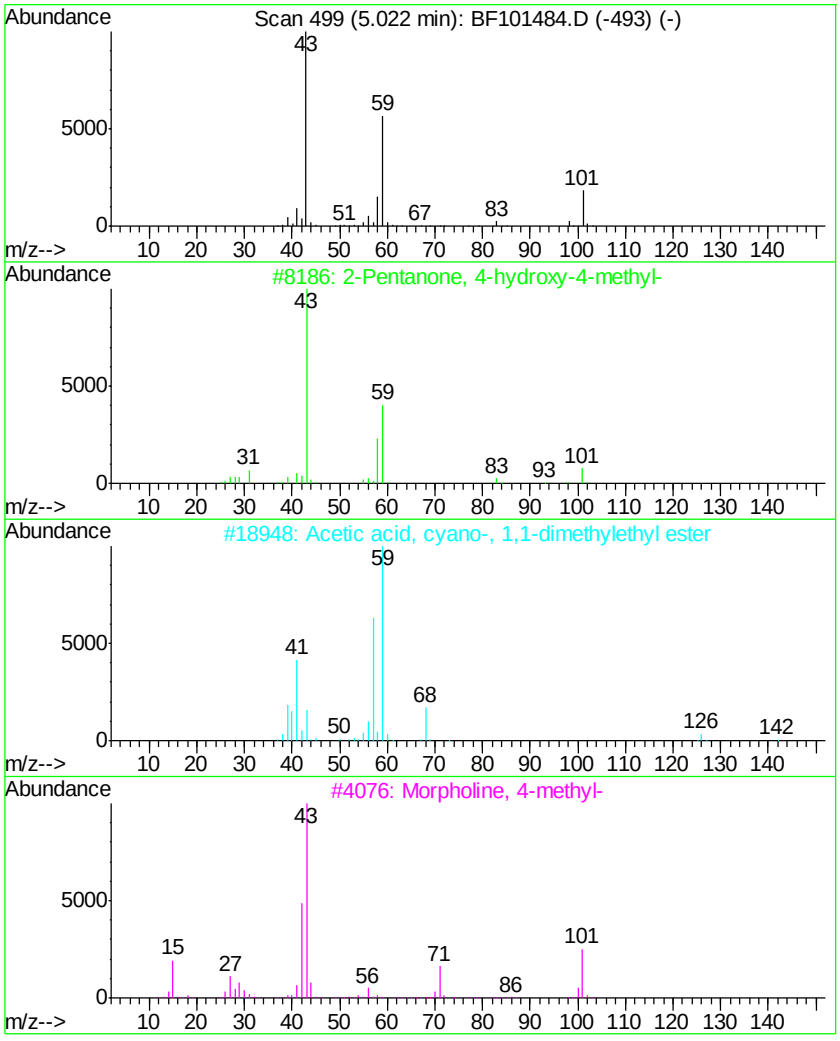
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

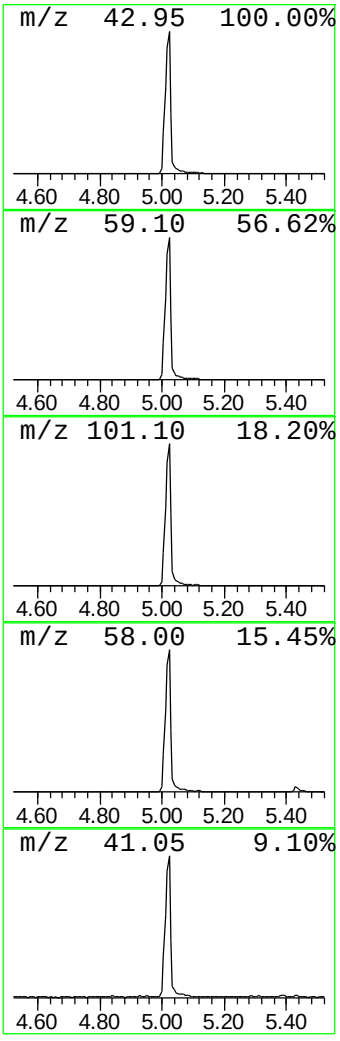
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	34.46 ng	1942540	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
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Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

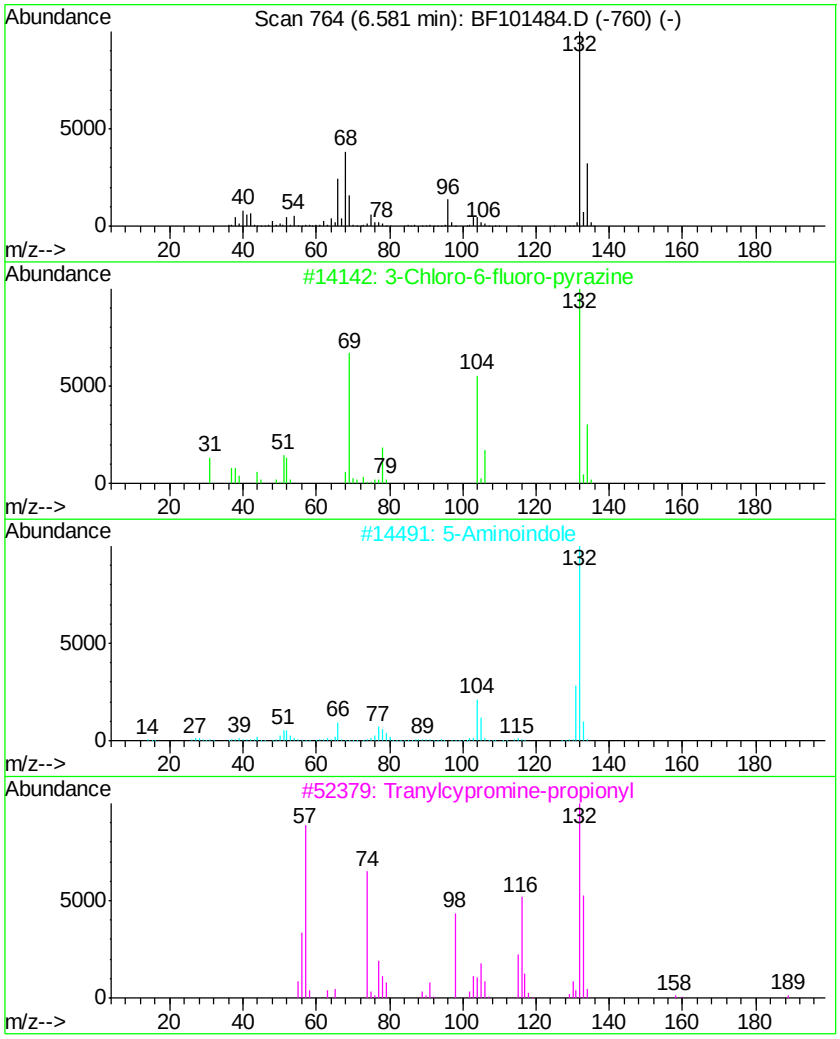
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

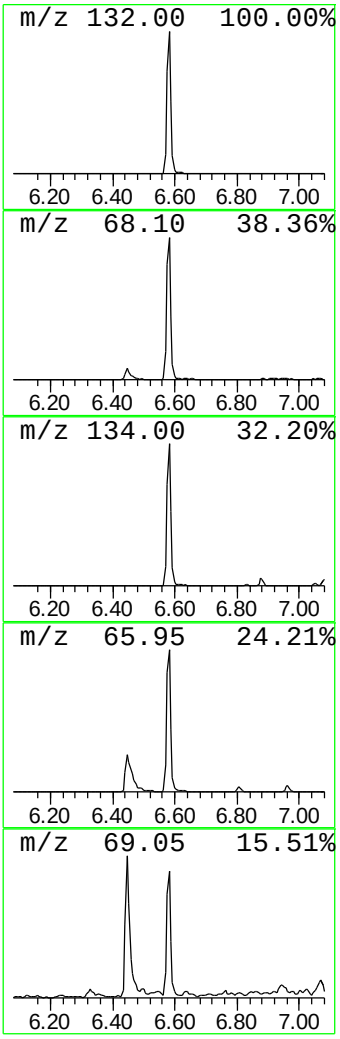
****

Peak Number 3 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	24.50 ng	1381060	1,4-Dichlorobenzene-d4	6.81

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





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

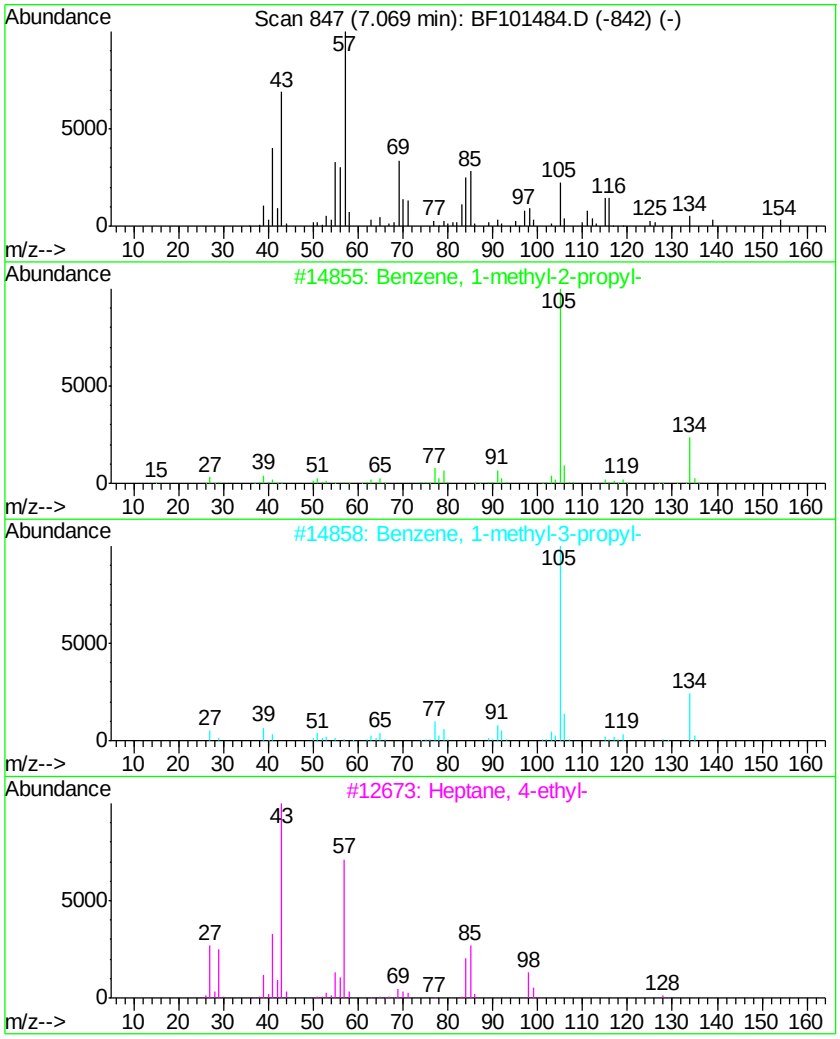
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

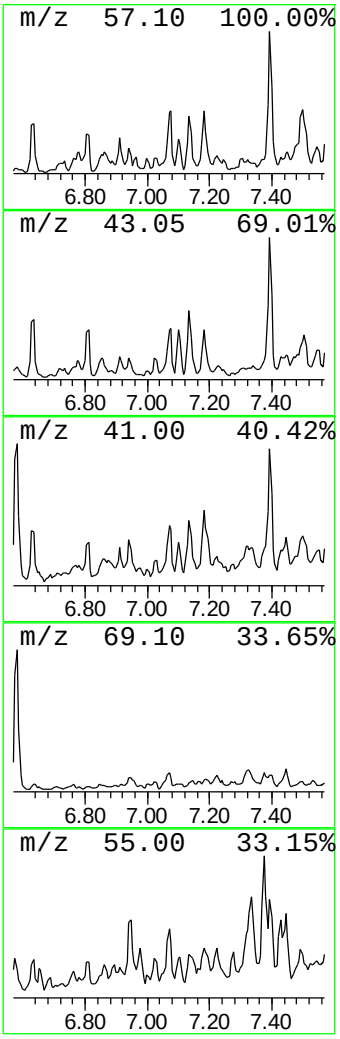
****

Peak Number 5 unknown7.07 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	3.72 ng	209688	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	35
4	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	35
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

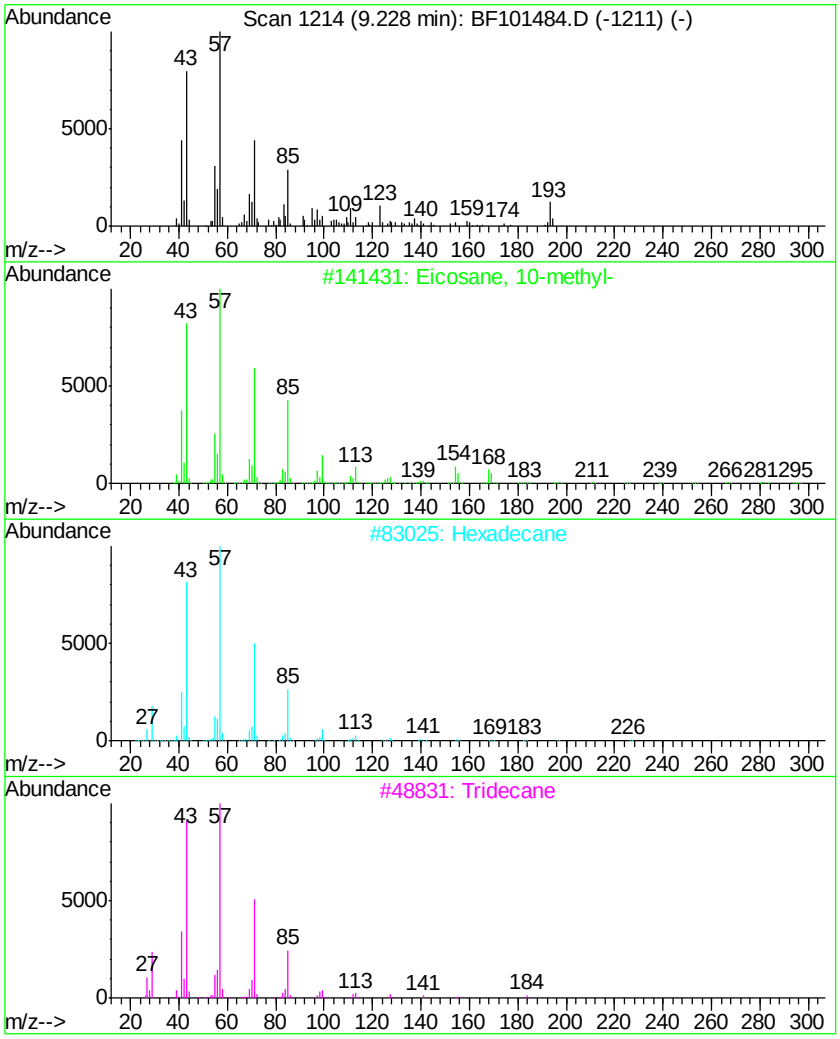
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

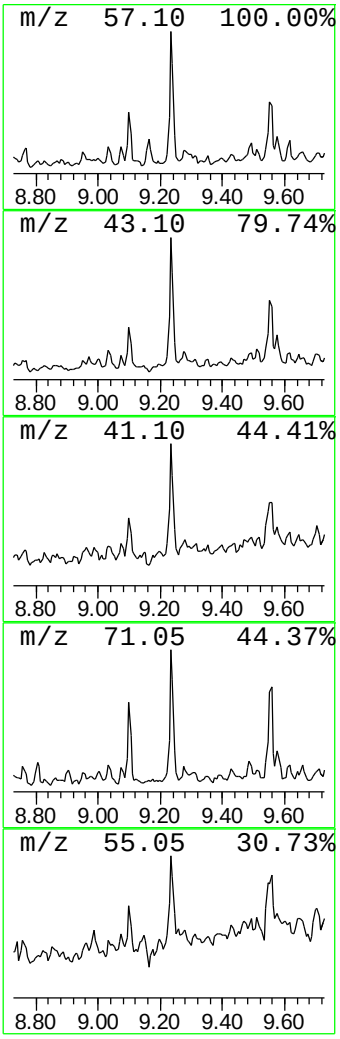
****

Peak Number 6 Eicosane, 10-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.03 ng	233987	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane	170	C12H26	000112-40-3	72





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Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : SB-7(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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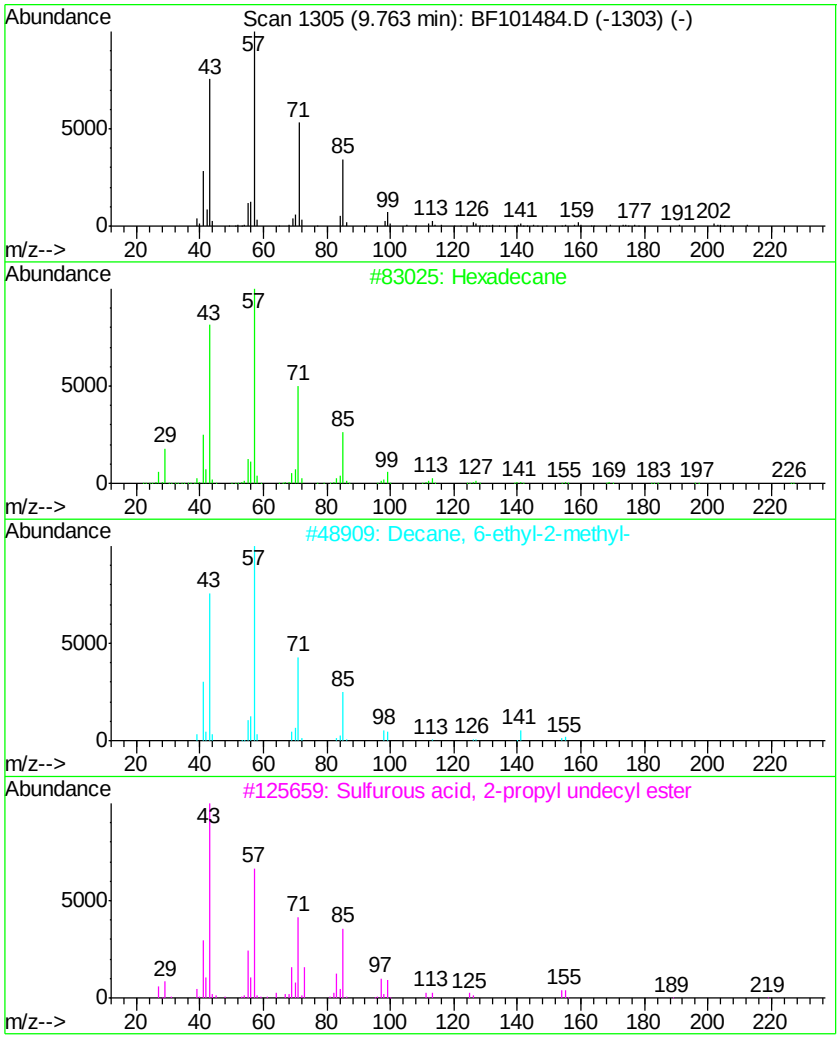
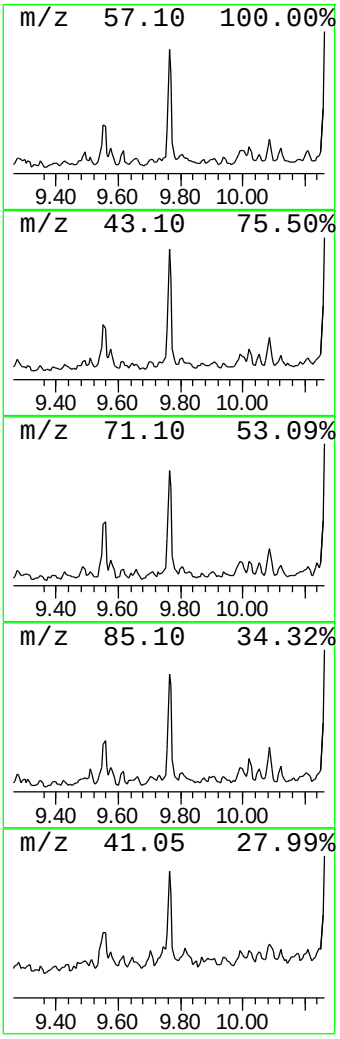
Peak Number 7 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	3.81 ng	221193	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
3	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	72
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	59





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Sample : I6877-03 2X
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Instrument : BNA_F
ClientSampleId : SB-7(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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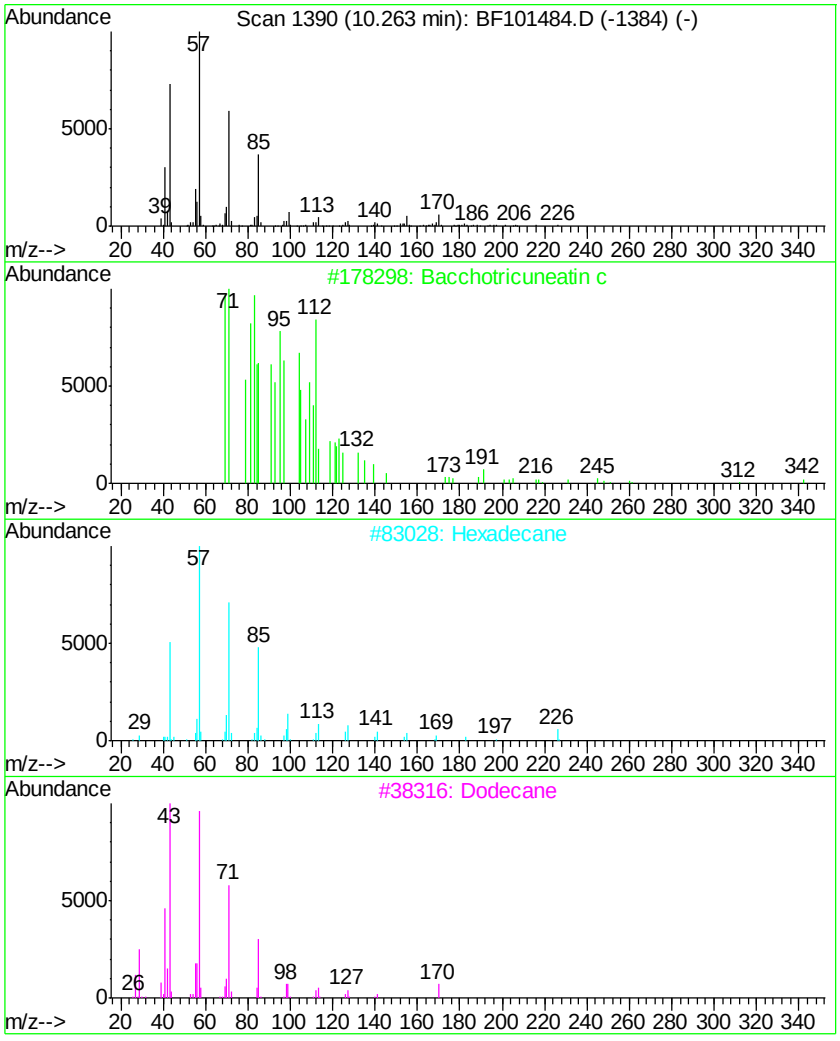
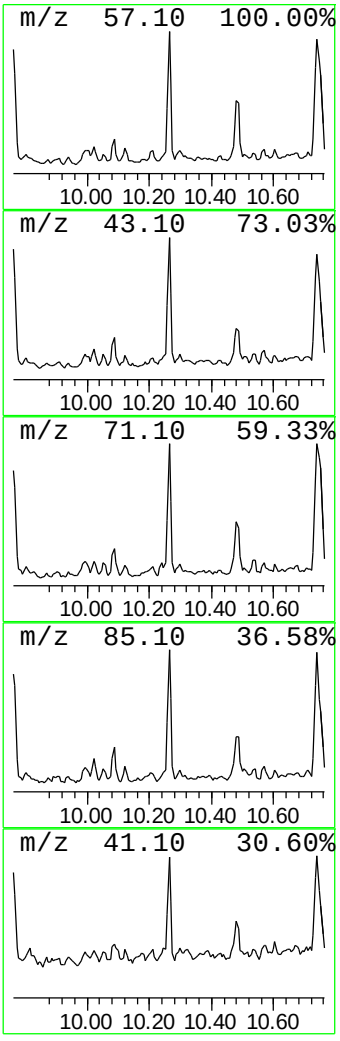
Peak Number 8 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	6.23 ng	361663	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane	170	C12H26	000112-40-3	90
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	72





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ClientSampleId : SB-7(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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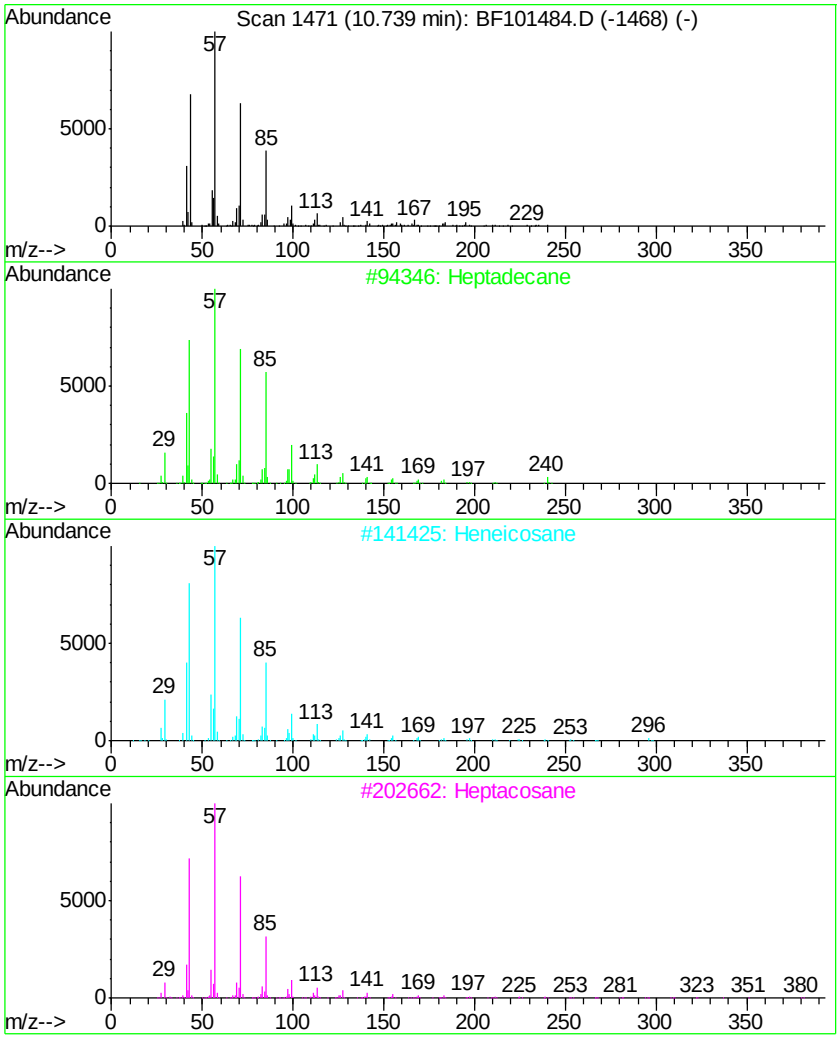
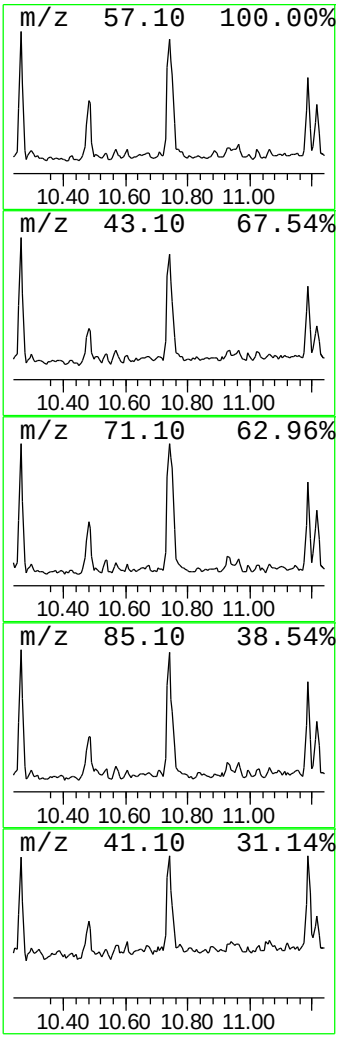
Peak Number 9 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	8.67 ng	504327	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Eicosane	282	C20H42	000112-95-8	86





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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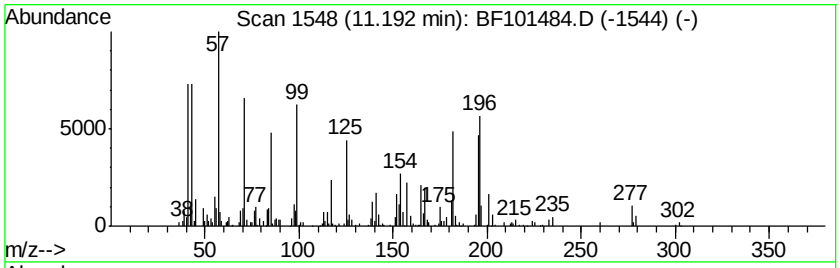
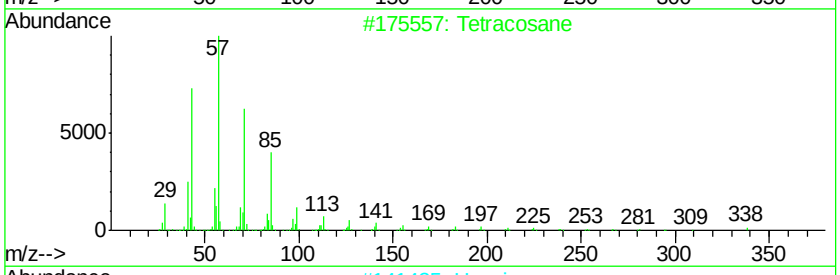
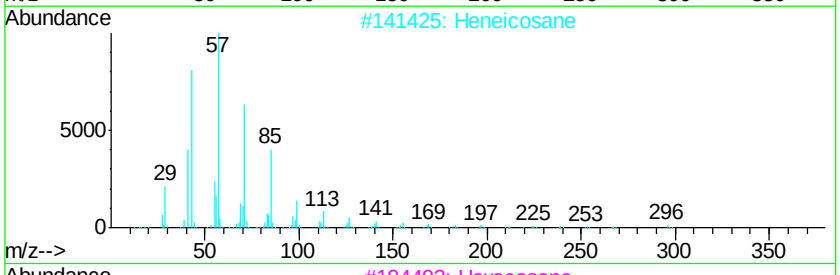
Peak Number 10 unknown11.19 Concentration Rank 14

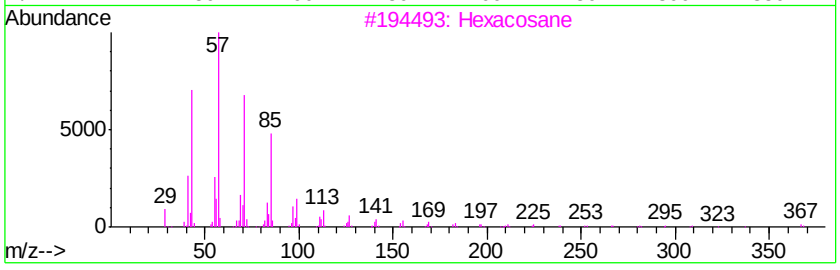
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	4.88 ng	283719	Phenanthrene-d10	11.34

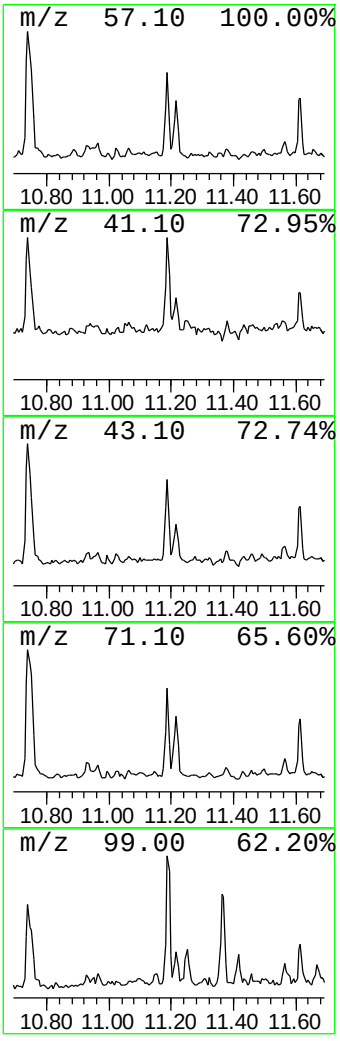
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	49
2	Heneicosane	296	C21H44	000629-94-7	49
3	Hexacosane	366	C26H54	000630-01-3	47
4	Pentadecane	212	C15H32	000629-62-9	46
5	Tetradecane	198	C14H30	000629-59-4	46











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Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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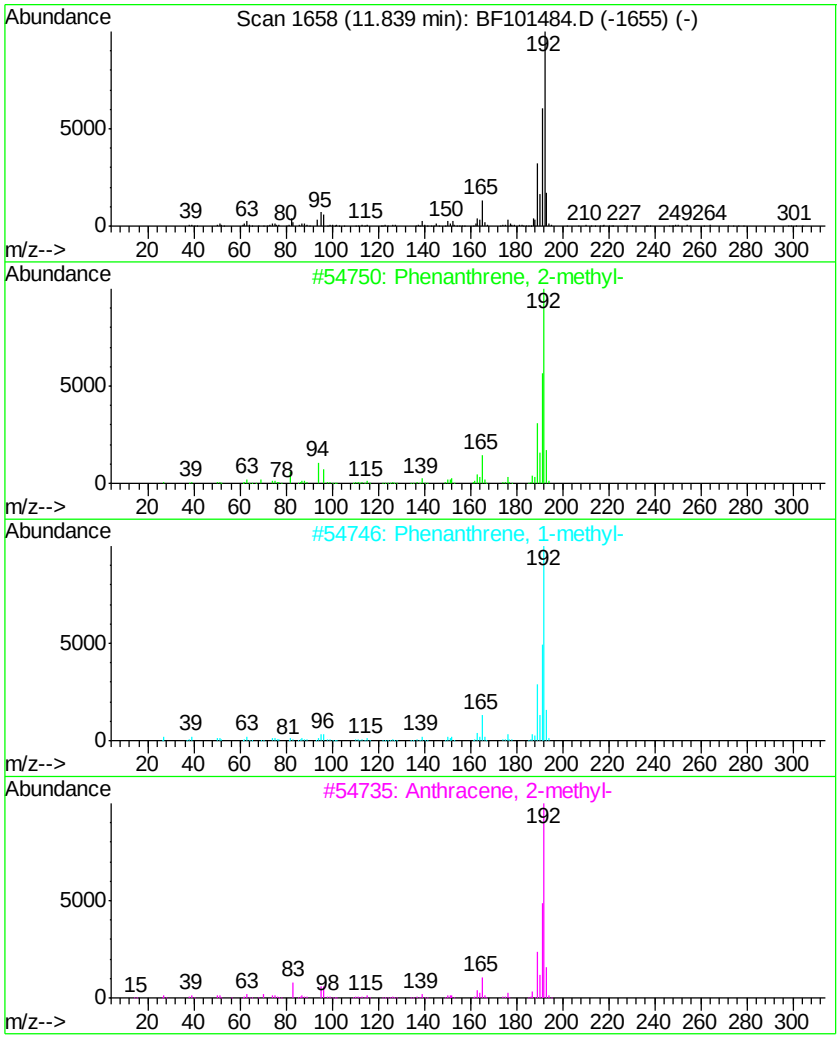
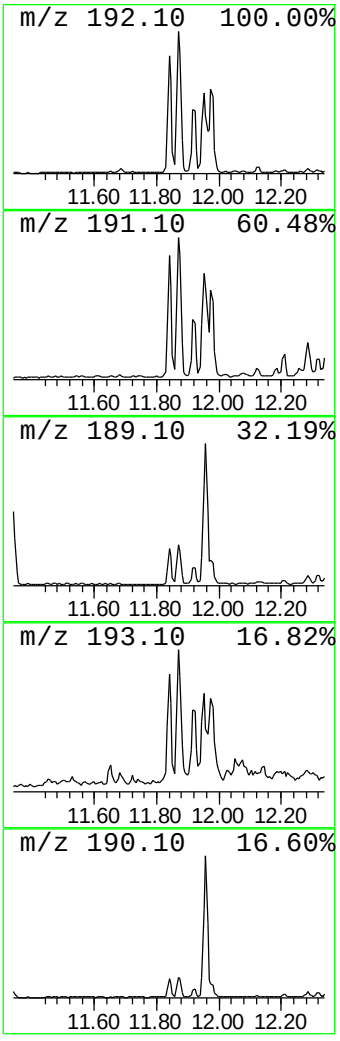
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	5.19 ng	301664	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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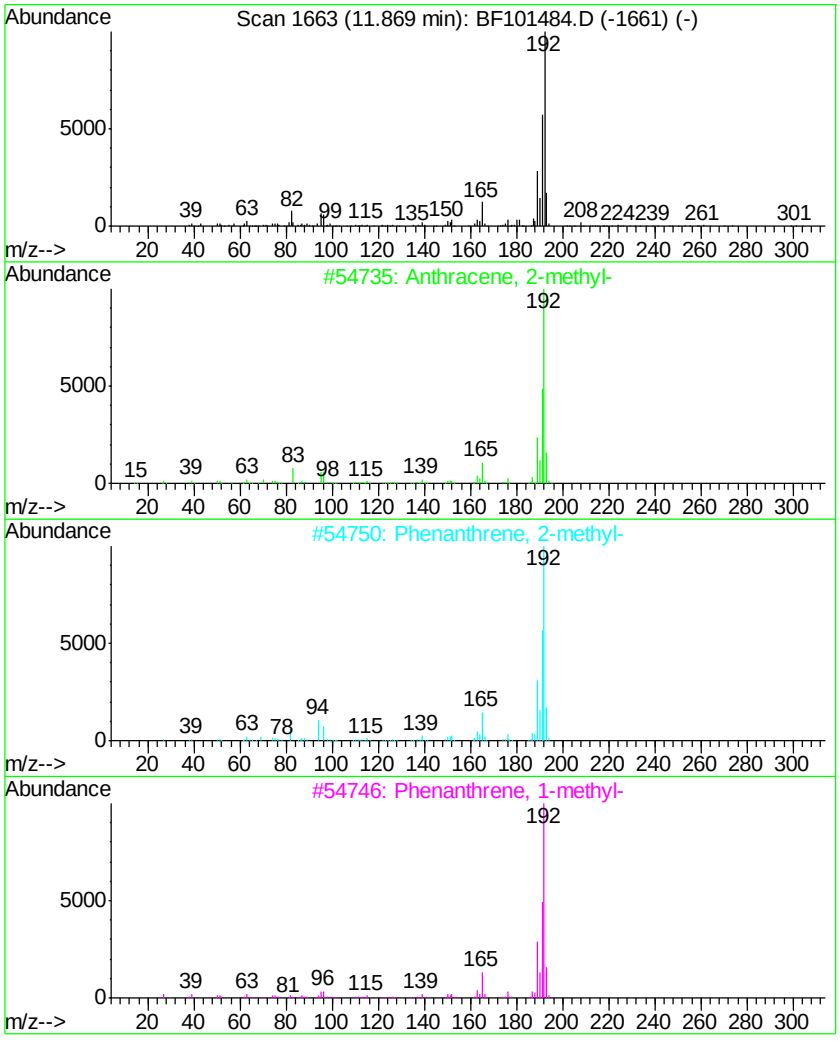
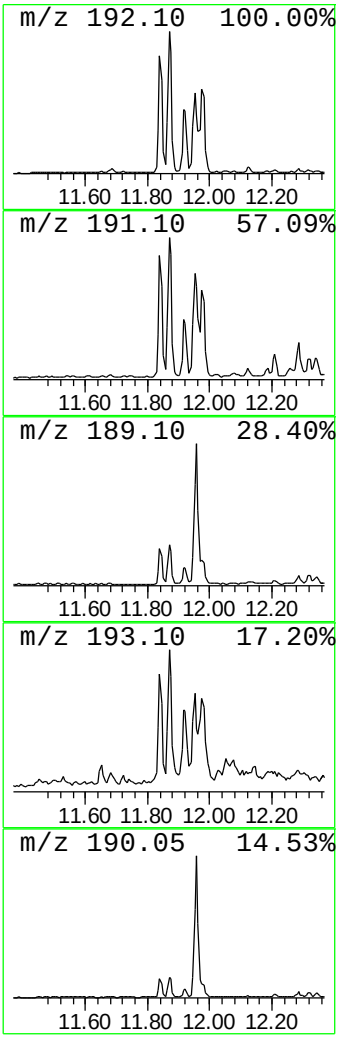
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.74 ng	392146	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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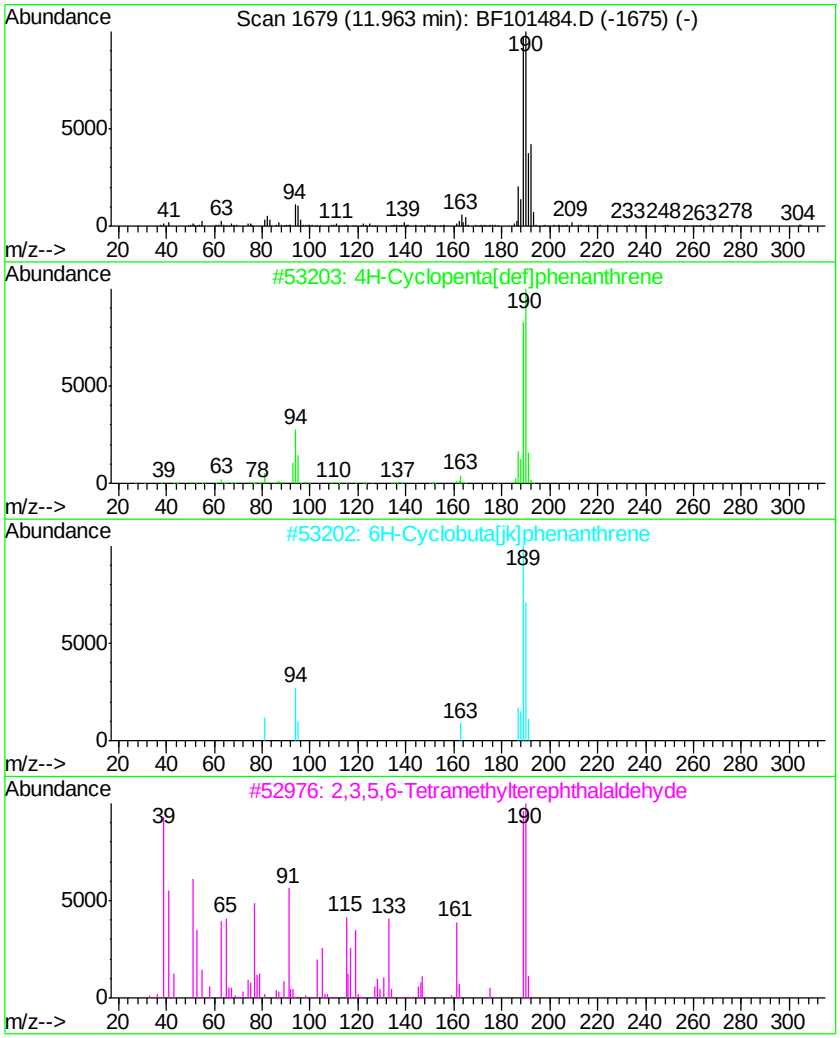
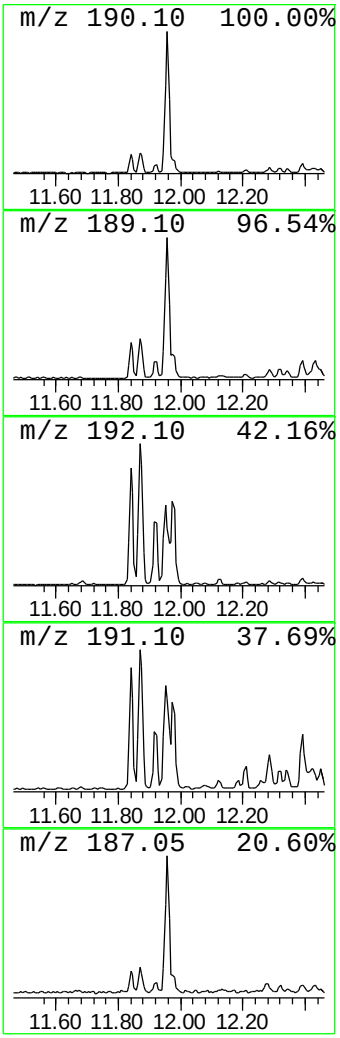
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	10.14 ng	590033	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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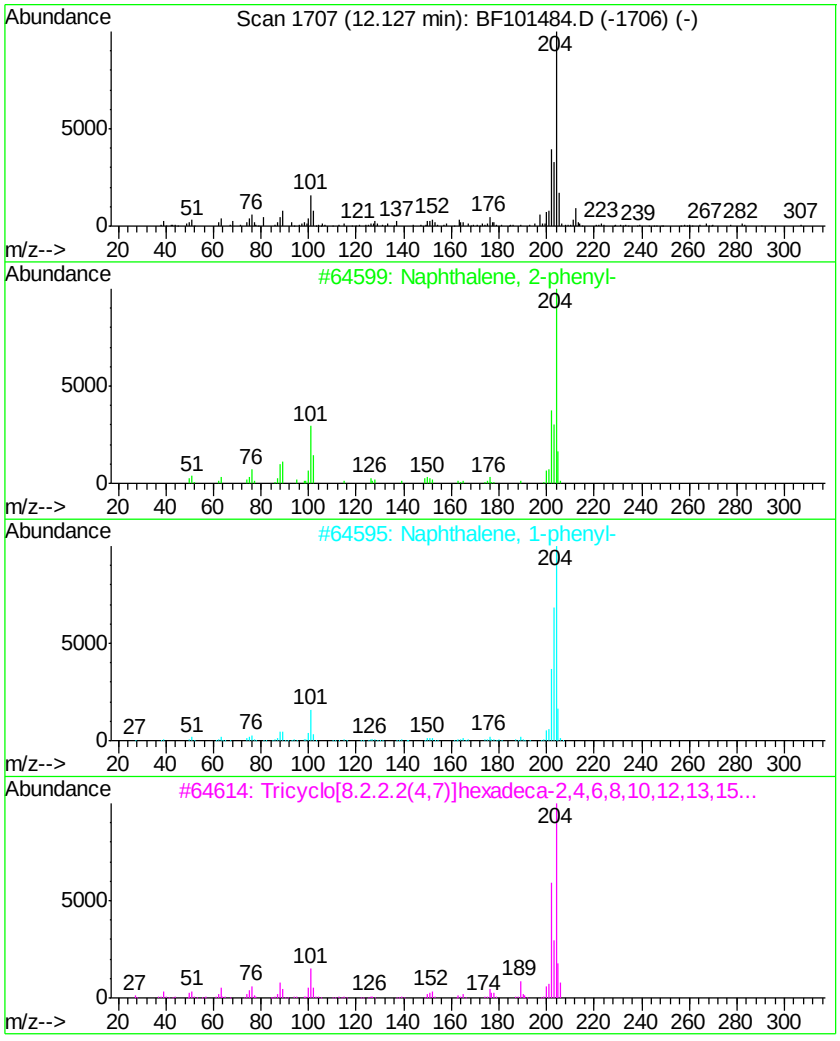
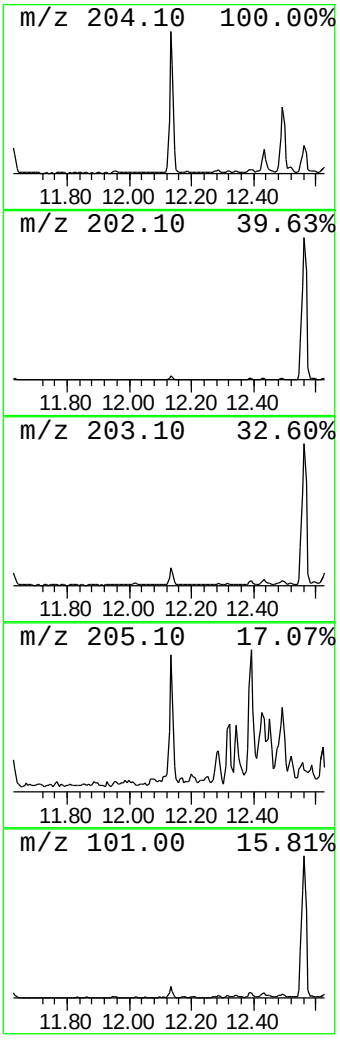
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.18 ng	242984	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	58
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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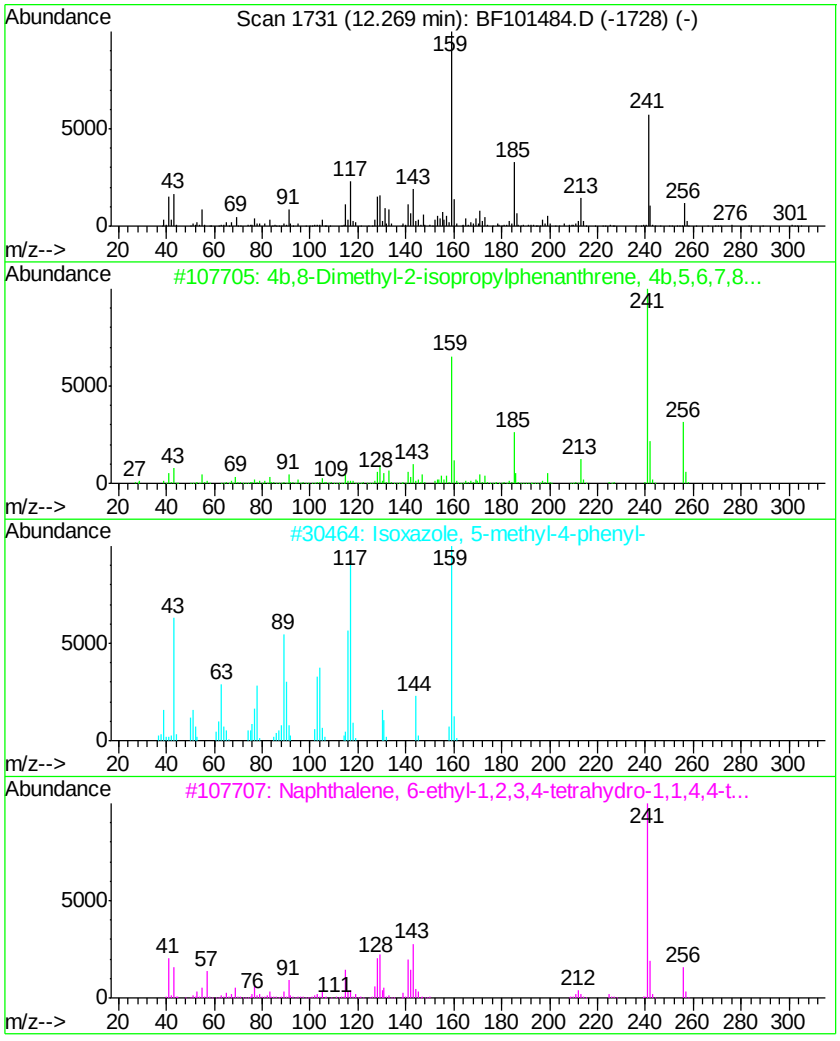
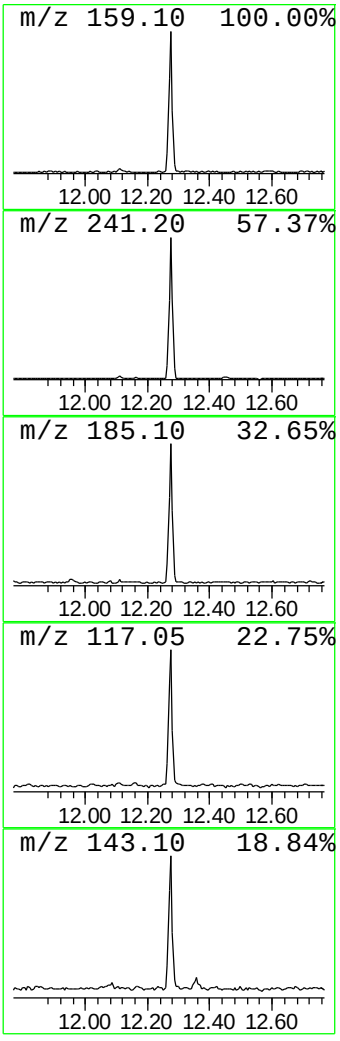
Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	15.87 ng	923417	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	43
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	35
5	trans-calamenene	202	C15H22	1000374-17-3	35





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ClientSampleId : SB-7(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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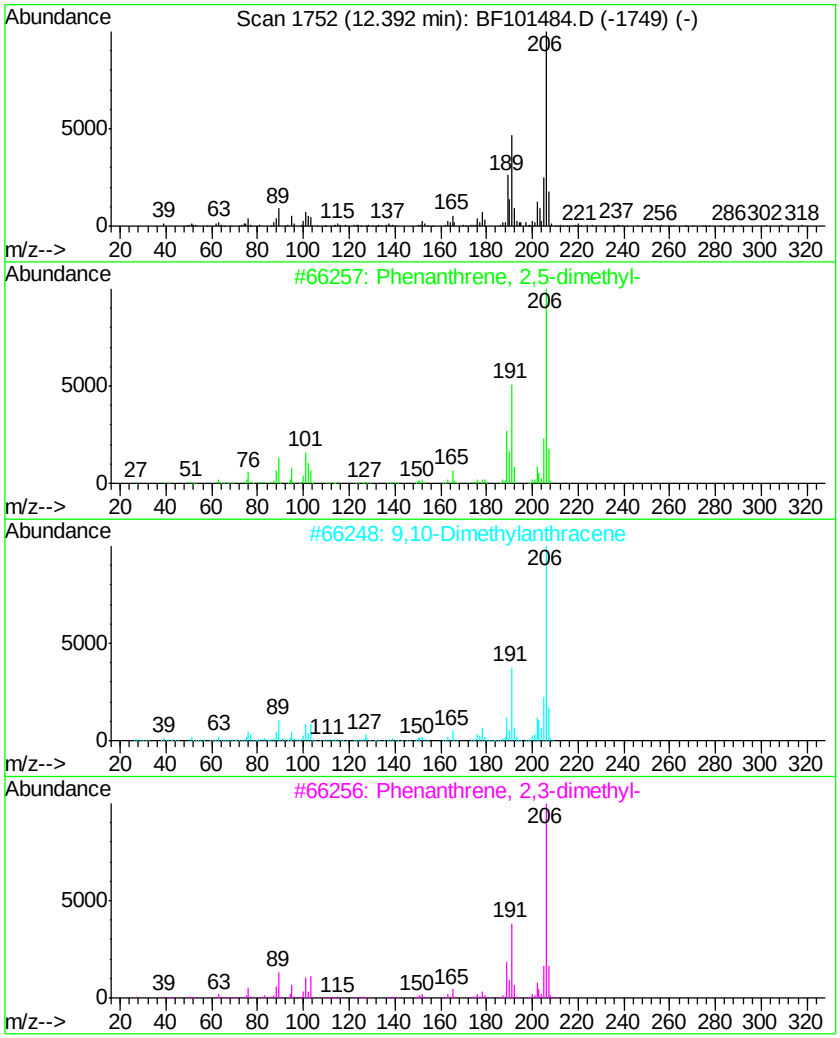
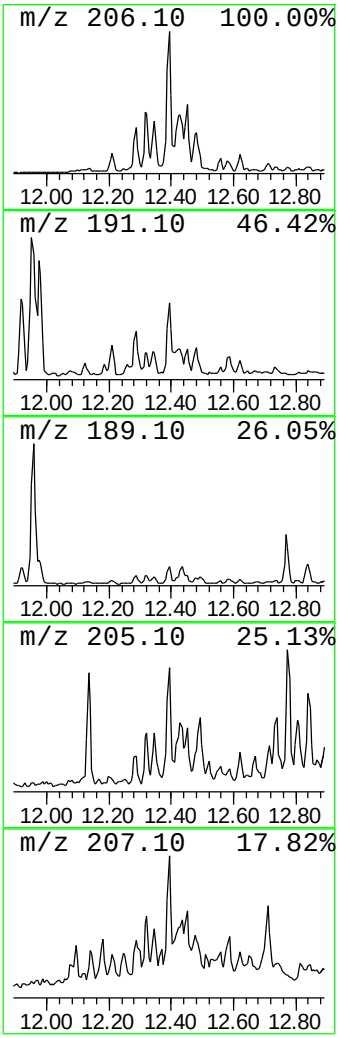
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.08 ng	237433	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Instrument : BNA_F
ClientSampleId : SB-7(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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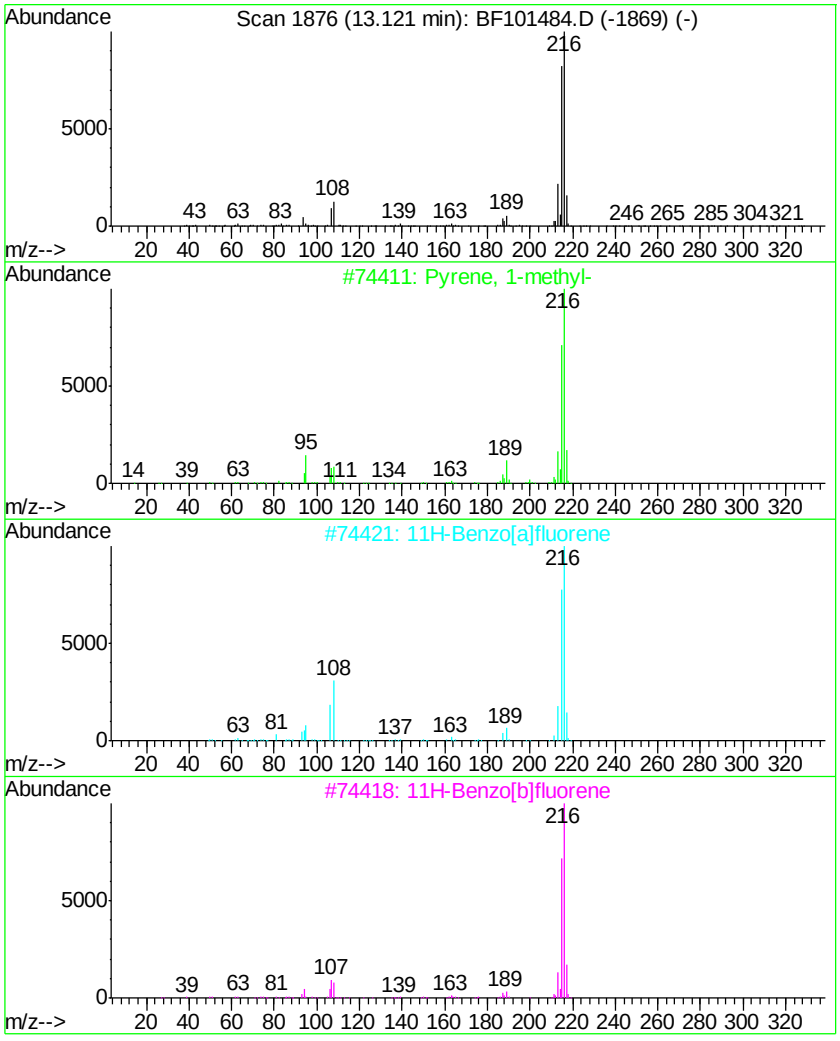
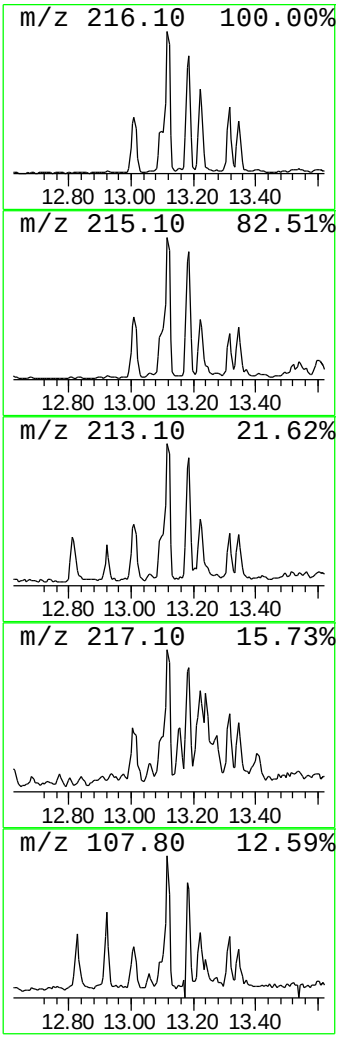
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	4.47 ng	559303	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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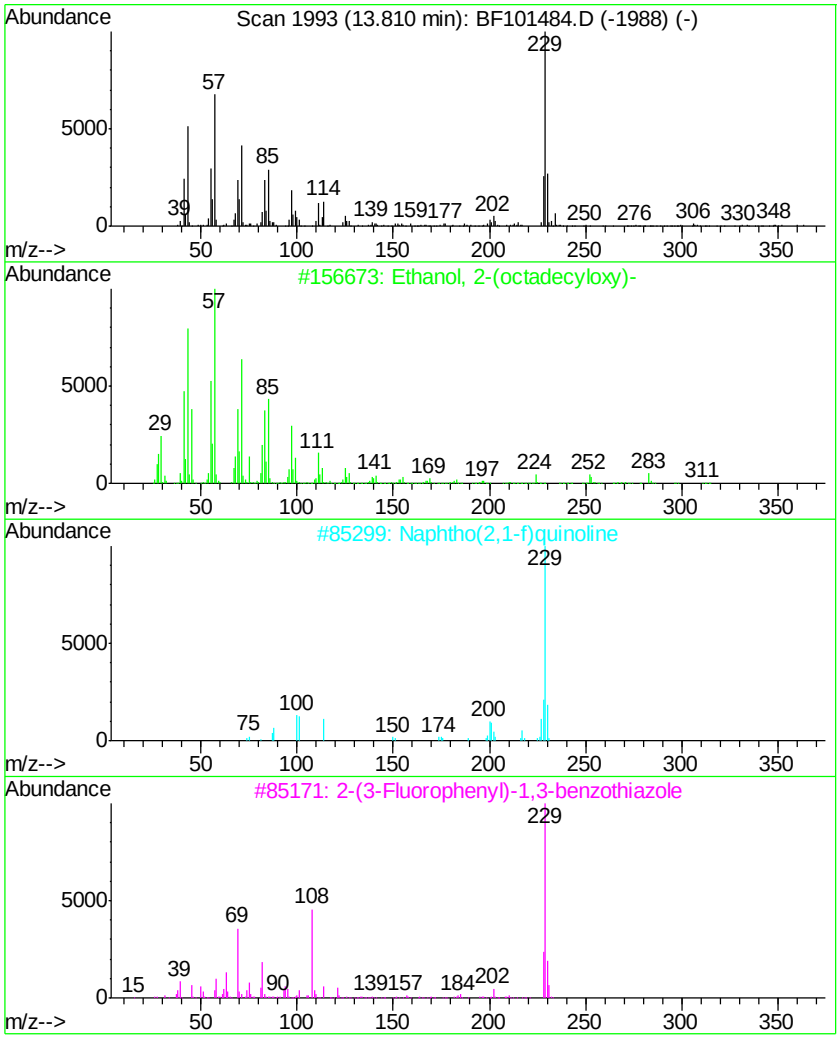
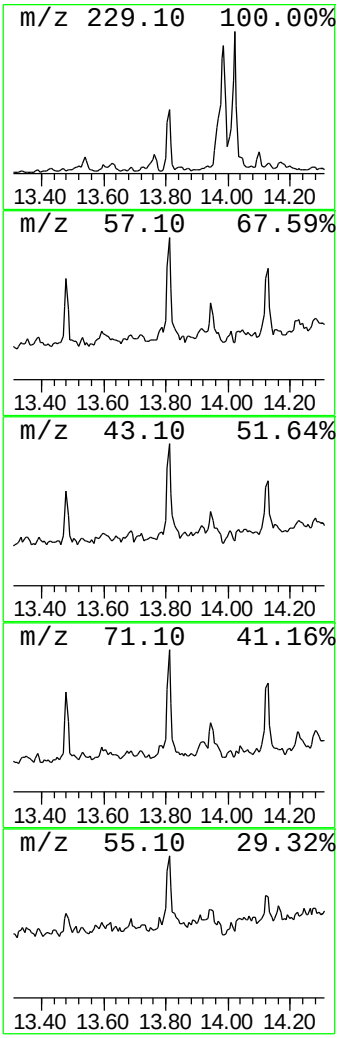
Peak Number 18 Ethanol, 2-(octadecyloxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	5.26 ng	658739	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	56
2	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	52
3	2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	43
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	38
5	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	30





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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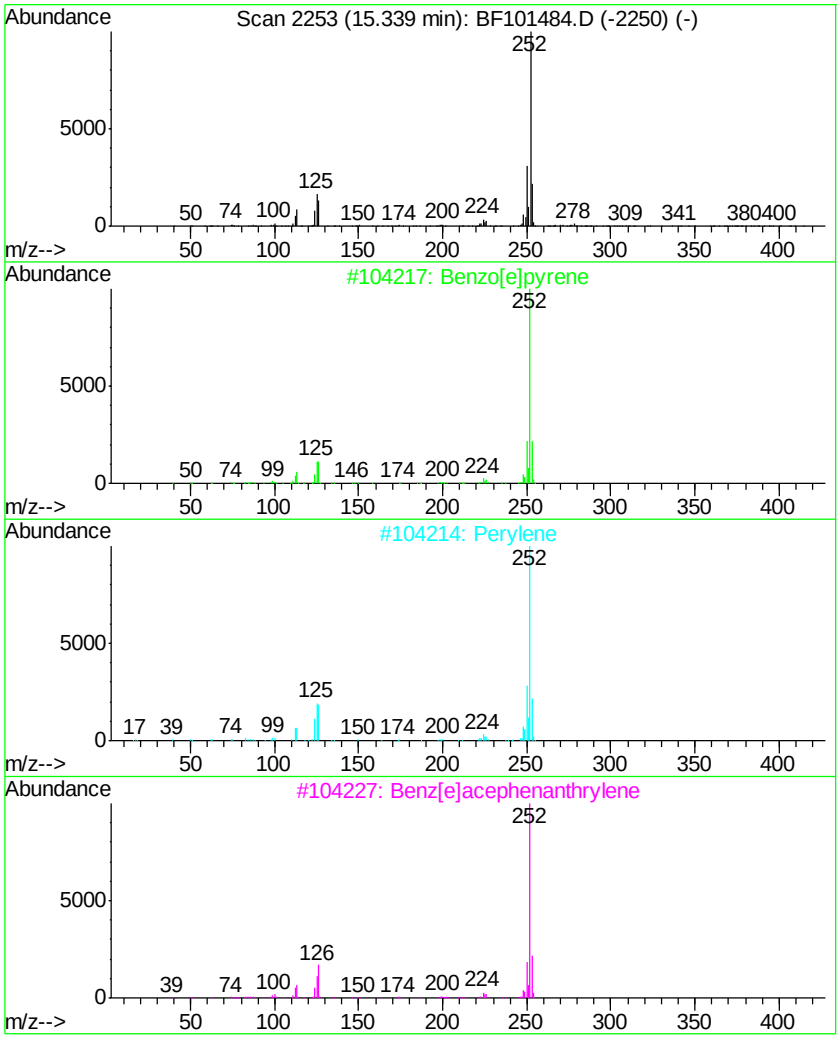
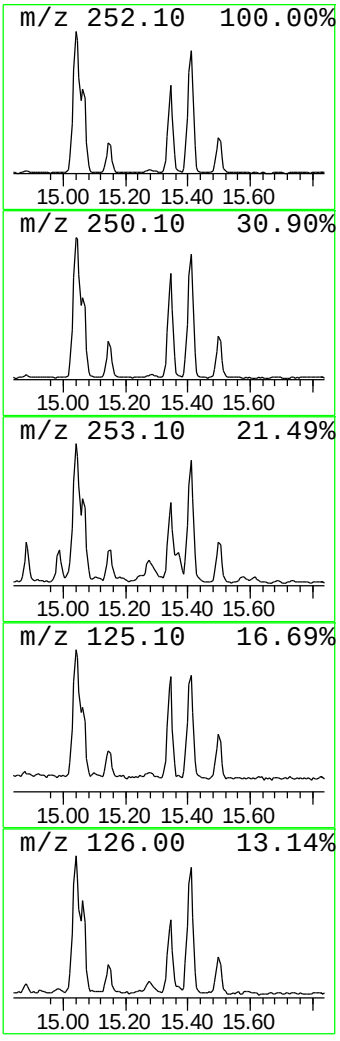
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	22.64 ng	690711	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101484.D
Acq On : 18 Dec 2017 16:53
Operator : SJ/JU
Sample : I6877-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
3-Penten-2-one, 4...	4.39	20.8	ng	1171630	1	6.81	1127390	20.0
2-Pentanone, 4-hy...	5.02	34.5	ng	1942540	1	6.81	1127390	20.0
unknown6.58	6.58	24.5	ng	1381060	1	6.81	1127390	20.0
unknown7.07	7.07	3.7	ng	209688	1	6.81	1127390	20.0
Eicosane, 10-methyl-	9.23	4.0	ng	233987	3	9.85	1161860	20.0
Hexadecane	9.76	3.8	ng	221193	3	9.85	1161860	20.0
Bacchotricuneatin c	10.26	6.2	ng	361663	3	9.85	1161860	20.0
Heptadecane	10.74	8.7	ng	504327	4	11.34	1163540	20.0
unknown11.19	11.19	4.9	ng	283719	4	11.34	1163540	20.0
Phenanthrene, 2-m...	11.84	5.2	ng	301664	4	11.34	1163540	20.0
Anthracene, 2-met...	11.87	6.7	ng	392146	4	11.34	1163540	20.0
4H-Cyclopenta[def...	11.96	10.1	ng	590033	4	11.34	1163540	20.0
Naphthalene, 2-ph...	12.13	4.2	ng	242984	4	11.34	1163540	20.0
4b,8-Dimethyl-2-i...	12.27	15.9	ng	923417	4	11.34	1163540	20.0
Phenanthrene, 2,5...	12.39	4.1	ng	237433	4	11.34	1163540	20.0
Pyrene, 1-methyl-	13.12	4.5	ng	559303	5	14.00	2502600	20.0
Ethanol, 2-(octad...	13.81	5.3	ng	658739	5	14.00	2502600	20.0
Benzo[e]pyrene	15.34	22.6	ng	690711	6	15.47	610142	20.0