LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.852	120	130	138	rVB4	57436	137047	3.51%	0.251%
2	3.787	280	289	293	rBV3	73732	125350	3.21%	0.230%
3	4.398	387	393	399	rBV4	61383	105146	2.69%	0.193%
4	4.963	484	489	496	rVV	481075	717366	18.36%	1.316%
5	5.345	550	554	555	rBV	124504	111603	2.86%	0.205%
6	5.375	555	559	563	rVB	3538968	3907651	100.00%	7.170%
7	5.604	596	598	603	rVB2	120842	127941	3.27%	0.235%
8	5.928	649	653	658	rVB2	97385	96127	2.46%	0.176%
9	6.022	666	669	675	rVB2	81720	87915	2.25%	0.161%
10	6.210	694	701	706	rBV3	52223	100364	2.57%	0.184%
11	6.298	713	716	722	rVB2	79132	121065	3.10%	0.222%
12	6.392	727	732	735	rVV	3588374	3861472	98.82%	7.086%
13	6.528	750	755	758	rBV	3696832	3694888	94.56%	6.780%
14	6.587	763	765	767	rBV	128797	115785	2.96%	0.212%
15	6.757	790	794	797	rVV	1184293	988051	25.29%	1.813%
16	6.787	797	799	802	rVB2	89900	81106	2.08%	0.149%
17	6.916	817	821	825	rVB	3064875	2804598	71.77%	5.146%
18	7.087	846	850	853	rBV3	59476	89126	2.28%	0.164%
19	7.163	859	863	865	rBV	90729	90854	2.33%	0.167%
20	7.316	881	889	892	rBV	2327314	2431623	62.23%	4.462%
21	7.369	895	898	901	rVV	166005	138735	3.55%	0.255%
22	7.410	901	905	909	rVB4	85193	103328	2.64%	0.190%
23	8.039	1008	1012	1014	rBV	1591417	1387648	35.51%	2.546%
24	8.063	1014	1016	1019	rVV	413385	323281	8.27%	0.593%
25	8.428	1075	1078	1081	rVV2	147275	136844	3.50%	0.251%
26	8.481	1083	1087	1090	rBV	157677	146676	3.75%	0.269%
27	8.645	1112	1115	1118	rBV	171290	132251	3.38%	0.243%
28	8.751	1127	1133	1137	rVB	461179	401680	10.28%	0.737%
29	8.851	1146	1150	1153	rVB	321048	250850	6.42%	0.460%
30	9.075	1185	1188	1191	rBV	91875	78920	2.02%	0.145%
31	9.116	1191	1195	1199	rVB	3299843	3261879	83.47%	5.985%
32	9.210	1208	1211	1215	rBV2	253977	244240	6.25%	0.448%
33	9.310	1225	1228	1233	rVB2	59677	82490	2.11%	0.151%
34	9.375	1233	1239	1244	rBV2	113359	162076	4.15%	0.297%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.451	1249	1252	1255	rVV	205068	208311	5.33%	0.382%
36	9.480	1255	1257	1259	rVV	178240	148739	3.81%	0.273%
37	9.510	1259	1262	1264	rVV	573806	498949	12.77%	0.916%
38	9.533	1264	1266	1268	rVV	143066	120365	3.08%	0.221%
39	9.569	1270	1272	1277	rVB	111089	116494	2.98%	0.214%
40	9.651	1283	1286	1290	rVB	568150	443178	11.34%	0.813%
41	9.739	1298	1301	1304	rVB	210477	169297	4.33%	0.311%
42	9.792	1304	1310	1314	rBV2	1217253	1145678	29.32%	2.102%
43	9.998	1341	1345	1348	rVV	270614	250662	6.41%	0.460%
44	10.110	1360	1364	1367	rBV3	70869	91666	2.35%	0.168%
45	10.204	1375	1380	1383	rBV2	104422	153032	3.92%	0.281%
46	10.239	1383	1386	1388	rVB2	222509	194759	4.98%	0.357%
47	10.333	1400	1402	1404	rBV2	123807	95608	2.45%	0.175%
48	10.457	1419	1423	1426	rBV3	125755	140967	3.61%	0.259%
49	10.498	1426	1430	1432	rVV	74650	77378	1.98%	0.142%
50	10.575	1439	1443	1447	rVV	1696653	1676092	42.89%	3.076%
51	10.616	1447	1450	1454	rVB2	74711	89359	2.29%	0.164%
52	10.710	1461	1466	1467	rBV2	323594	363902	9.31%	0.668%
53	10.722	1467	1468	1472	rVV	444400	296560	7.59%	0.544%
54	11.033	1519	1521	1526	rVB5	64830	82139	2.10%	0.151%
55	11.075	1526	1528	1533	rVB	143940	126605	3.24%	0.232%
56	11.127	1533	1537	1539	rBV2	55297	77891	1.99%	0.143%
57	11.157	1539	1542	1545	rVV2	204459	204814	5.24%	0.376%
58	11.274	1558	1562	1564	rBV	894849	866369	22.17%	1.590%
59	11.298	1564	1566	1568	rVV	507817	391424	10.02%	0.718%
60	11.345	1571	1574	1577	rVV	548384	462962	11.85%	0.850%
61	11.386	1577	1581	1584	rVB4	62575	77032	1.97%	0.141%
62	11.498	1595	1600	1604	rBV	164457	205731	5.26%	0.378%
63	11.580	1611	1614	1616	rBV2	143778	117324	3.00%	0.215%
64	11.774	1644	1647	1649	rBV	196210	185627	4.75%	0.341%
65	11.816	1649	1654	1657	rVV2	569484	849269	21.73%	1.558%
66	11.880	1657	1665	1668	rVV	1147979	1845434	47.23%	3.386%
67	11.904	1668	1669	1672	rVB	114549	85361	2.18%	0.157%
68	11.986	1680	1683	1689	rVB2	160578	172797	4.42%	0.317%
69	12.086	1698	1700	1705	rVB2	137045	123737	3.17%	0.227%
70	12.321	1737	1740	1743	rBV2	286491	285239	7.30%	0.523%
71	12.374	1747	1749	1752	rVV2	192382	200581	5.13%	0.368%

LSC Area Percent Report

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Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

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-BF062717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.404	1752	1754	1758	rVB2	168522	165219	4.23%	0.303%
73	12.480	1764	1767	1771	rVB	1114863	1088755	27.86%	1.998%
74	12.516	1771	1773	1780	rBV6	73919	156140	4.00%	0.287%
75	12.574	1781	1783	1784	rBV	119257	90109	2.31%	0.165%
76	12.598	1784	1787	1792	rVB3	274581	280814	7.19%	0.515%
77	12.710	1800	1806	1809	rBV	1275021	1239974	31.73%	2.275%
78	12.827	1824	1826	1828	rBV	81814	79319	2.03%	0.146%
79	12.857	1828	1831	1835	rVV	2271397	2259814	57.83%	4.147%
80	12.927	1841	1843	1846	rBV	106590	119227	3.05%	0.219%
81	13.068	1865	1867	1870	rBV3	73347	85529	2.19%	0.157%
82	13.104	1870	1873	1876	rVV	198775	182224	4.66%	0.334%
83	13.139	1876	1879	1882	rVV	195834	197672	5.06%	0.363%
84	13.233	1893	1895	1898	rVB2	160489	114190	2.92%	0.210%
85	13.263	1898	1900	1904	rVB2	107588	105254	2.69%	0.193%
86	13.345	1911	1914	1920	rVB	623009	596930	15.28%	1.095%
87	13.445	1929	1931	1936	rVB3	148268	145175	3.72%	0.266%
88	13.539	1945	1947	1952	rVB	205621	243435	6.23%	0.447%
89	13.651	1963	1966	1969	rBV2	169092	226927	5.81%	0.416%
90	13.704	1973	1975	1980	rVV2	191792	302378	7.74%	0.555%
91	13.757	1980	1984	1989	rVB3	324525	478547	12.25%	0.878%
92	13.904	2004	2009	2012	rBV2	1157422	1820934	46.60%	3.341%
93	13.933	2012	2014	2020	rVB	736125	687149	17.58%	1.261%
94	14.086	2037	2040	2043	rVB3	255650	224137	5.74%	0.411%
95	14.927	2179	2183	2186	rBV	991084	1497960	38.33%	2.749%
96	15.027	2197	2200	2205	rVB	283141	336660	8.62%	0.618%
97	15.215	2228	2232	2237	rVB	653269	817814	20.93%	1.501%
98	15.268	2238	2241	2247	rVB	466950	543446	13.91%	0.997%
99	15.333	2248	2252	2254	rBV	381214	442459	11.32%	0.812%
100	16.715	2483	2487	2499	rVB2	337094	681440	17.44%	1.250%

Sum of corrected areas: 54496939

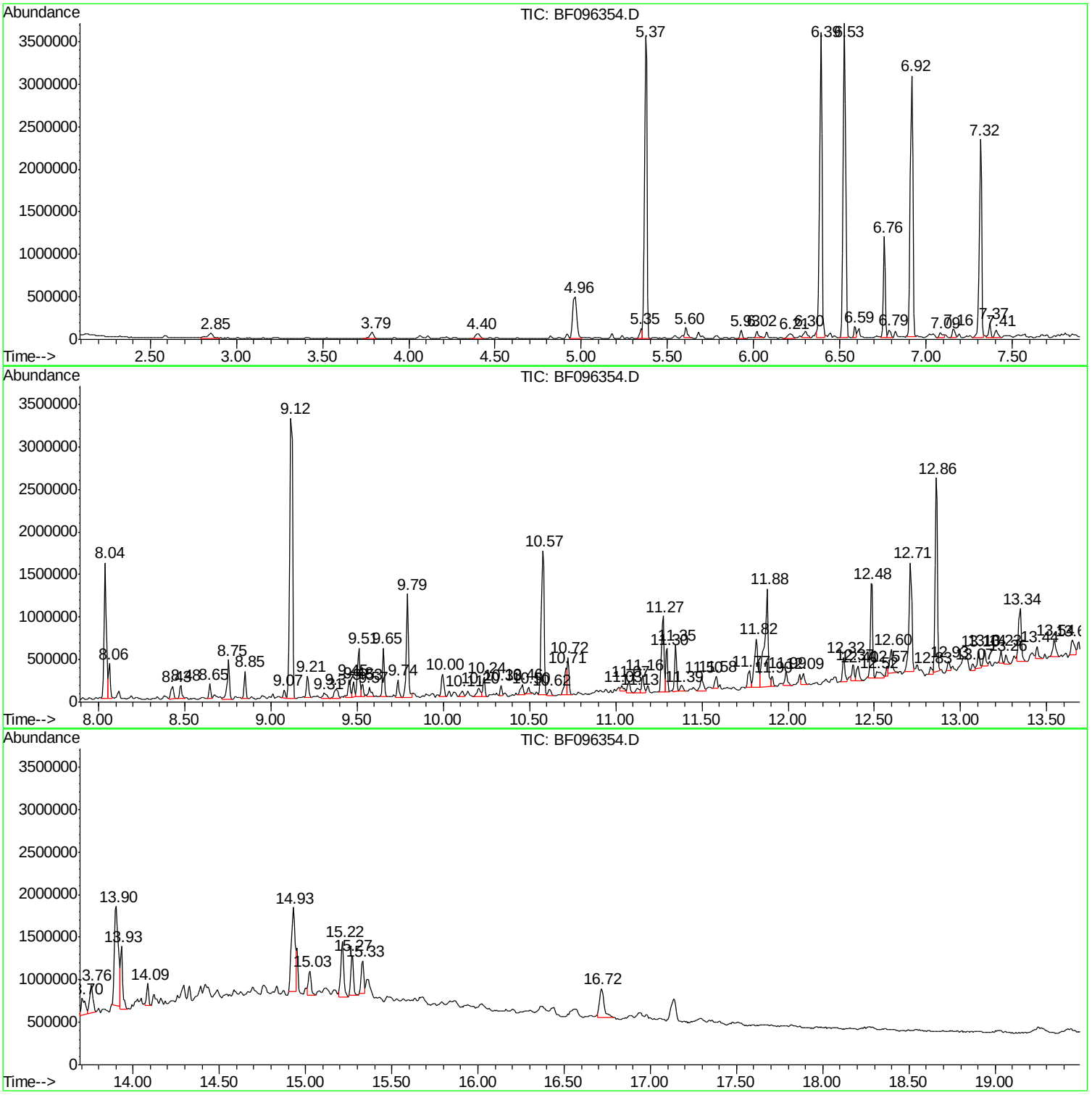
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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\BF063017\
Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

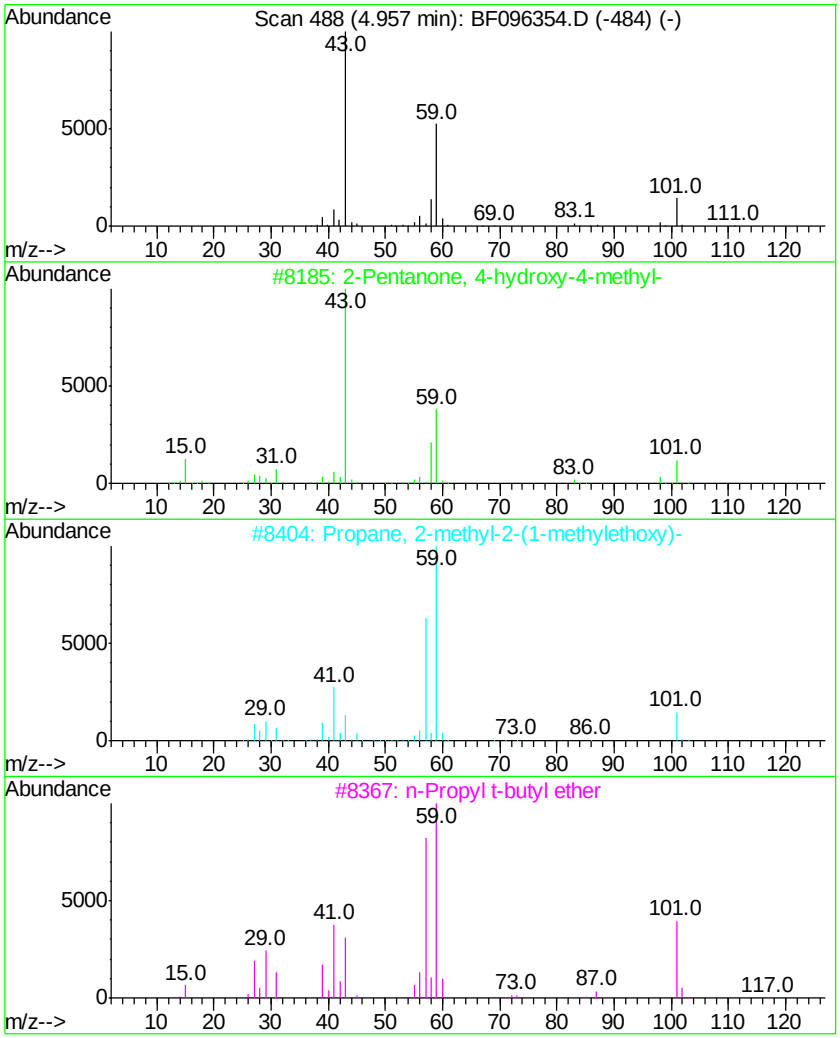
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

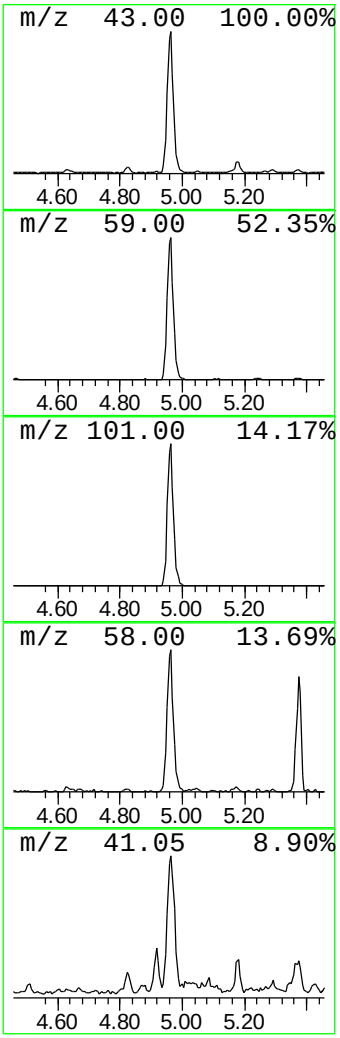
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	14.52 ng	717366	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	1,2-Butanediol	90	C4H10O2	000584-03-2	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

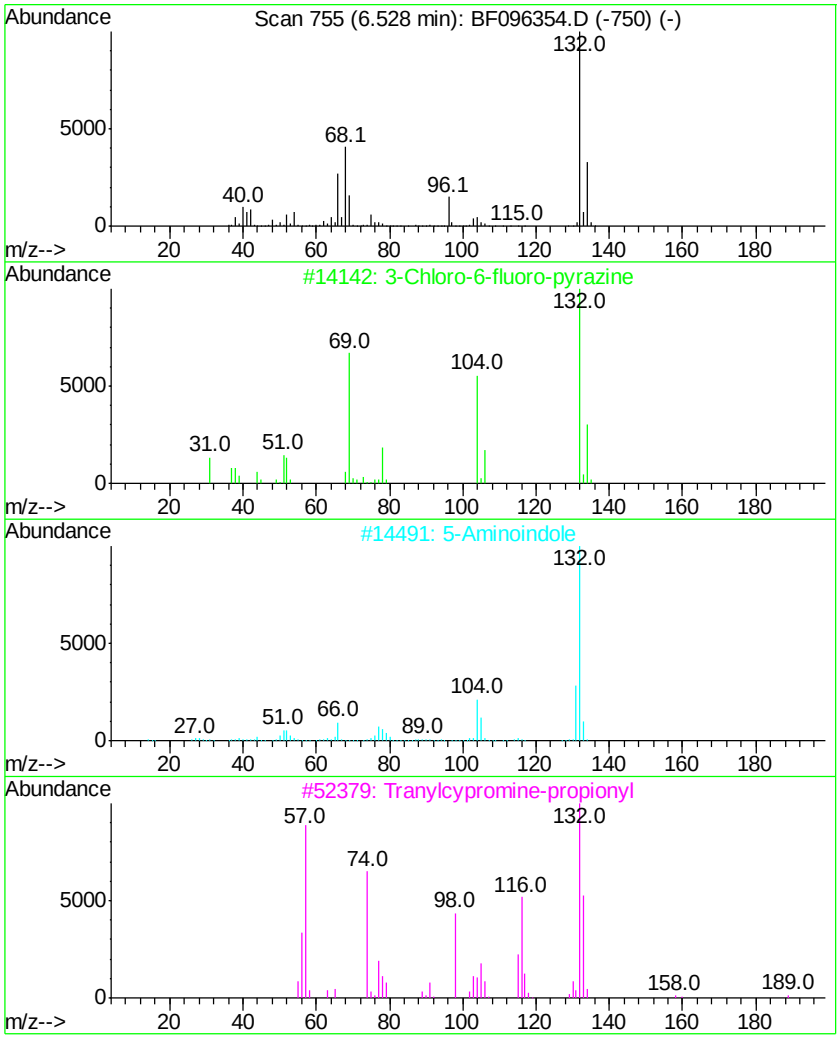
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

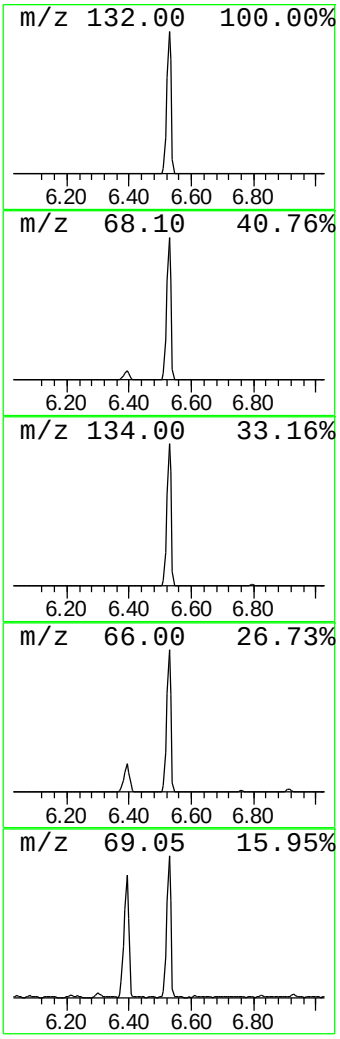
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	74.79 ng	3694890	1,4-Dichlorobenzene-d4	6.76

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	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : I3930-01
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Instrument : BNA_F
ClientSampleId : B2-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

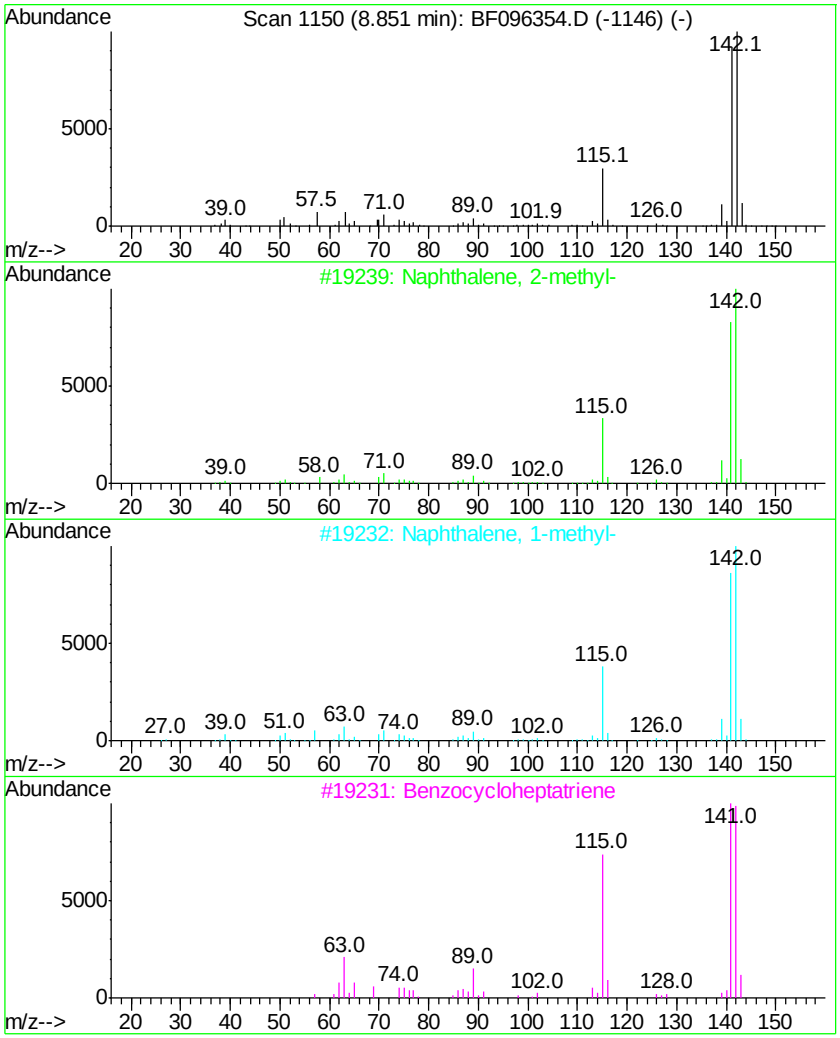
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

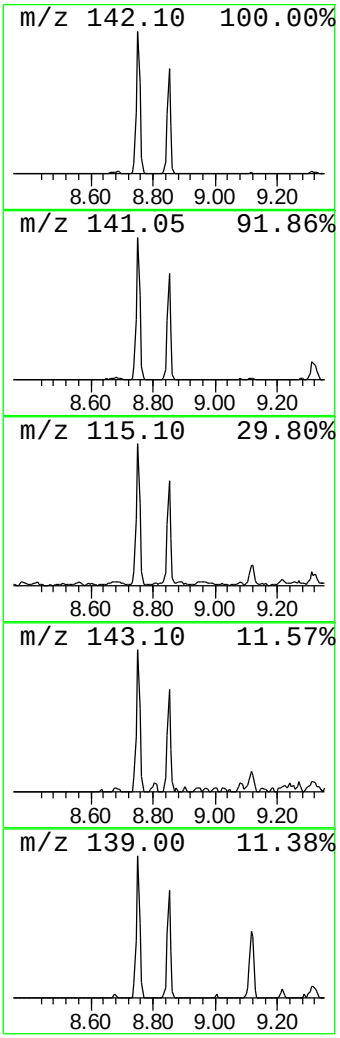
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	3.62 ng	250850	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

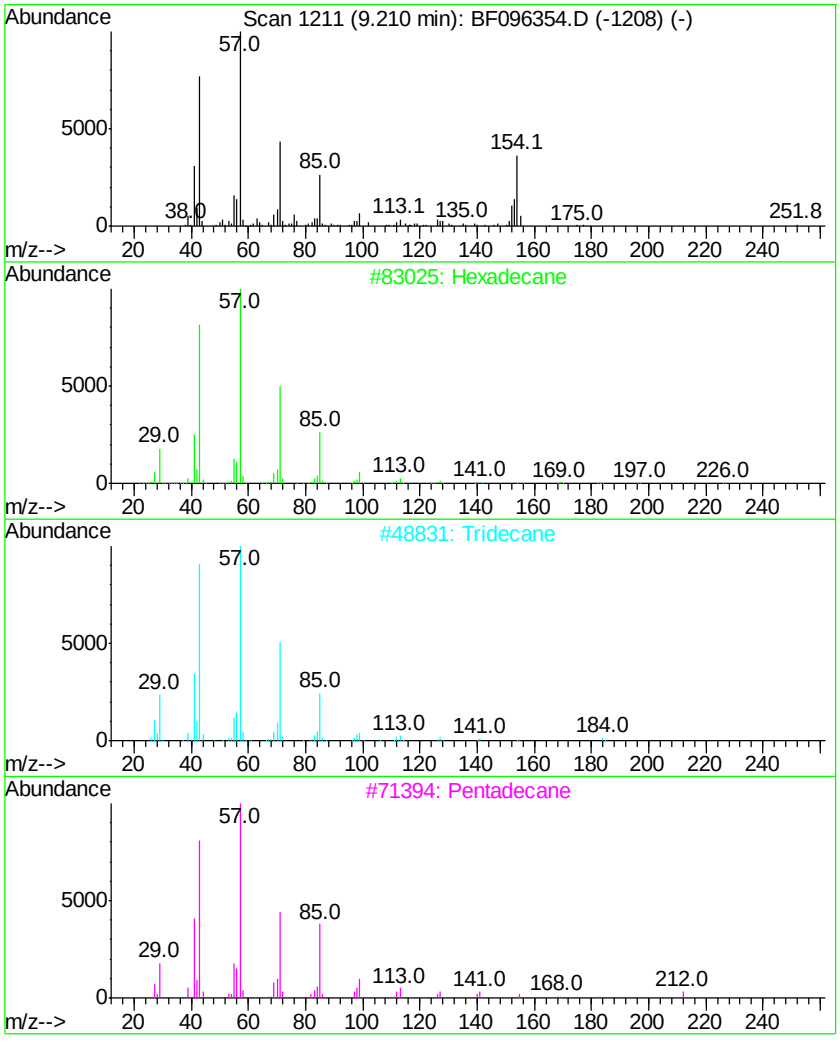
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

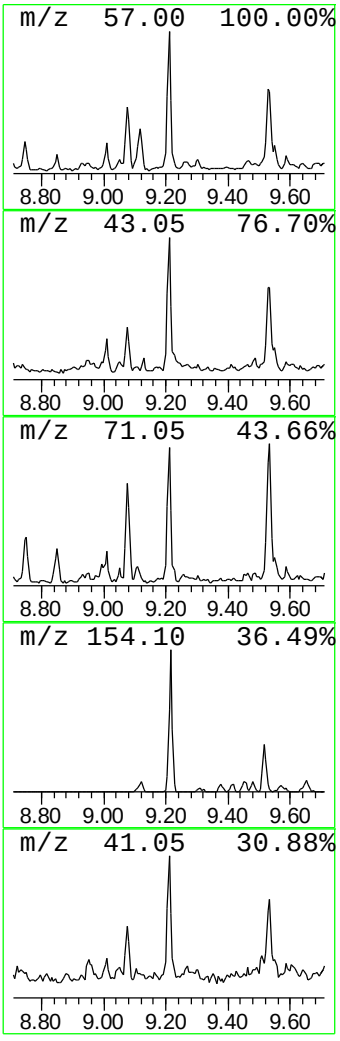
****

Peak Number 5 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	4.26 ng	244240	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Tridecane	184	C13H28	000629-50-5	52
3	Pentadecane	212	C15H32	000629-62-9	50
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	50
5	Tetradecane	198	C14H30	000629-59-4	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

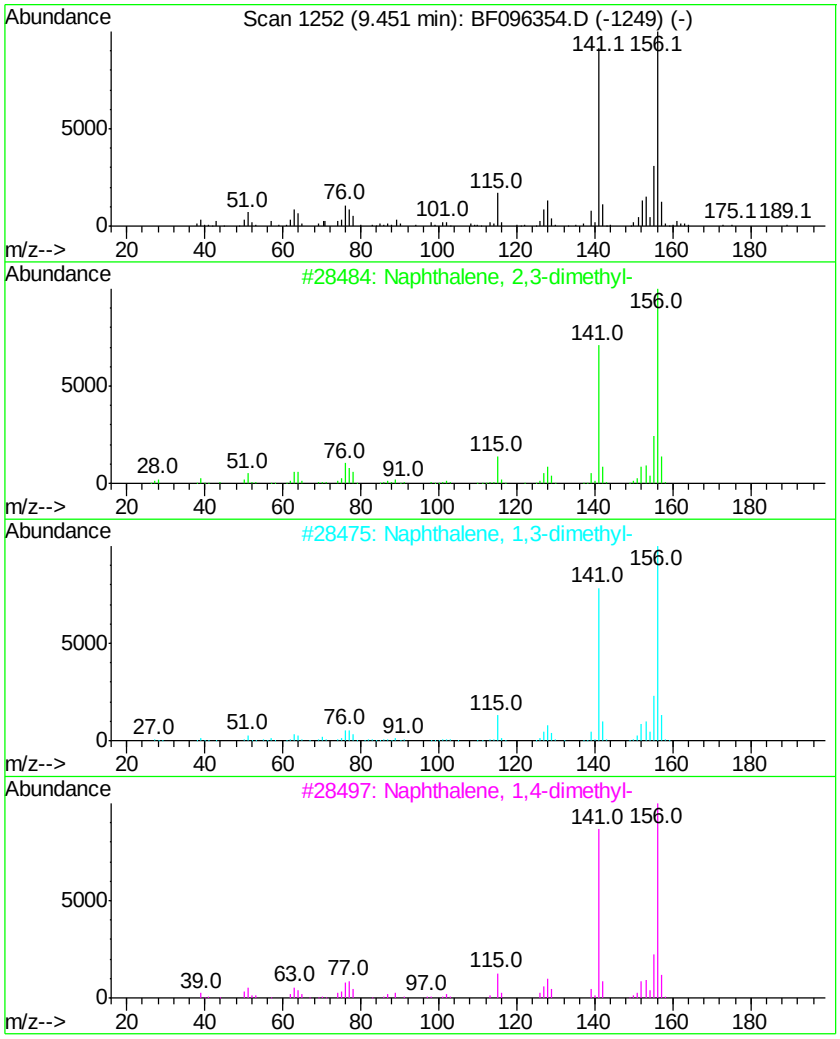
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

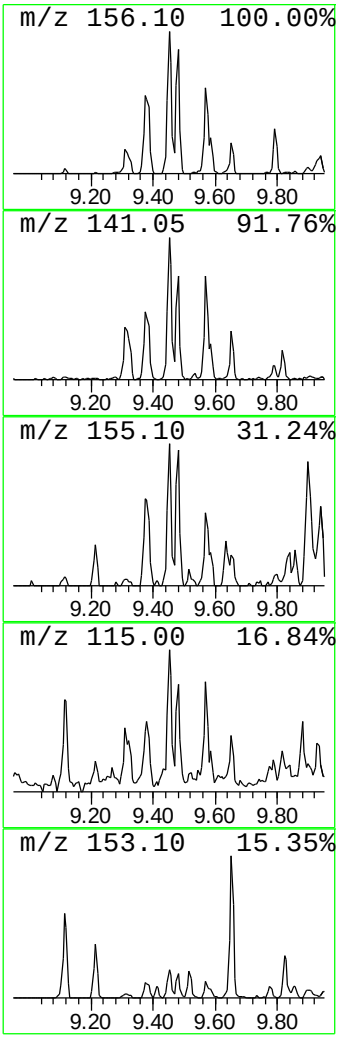
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	3.64 ng	208311	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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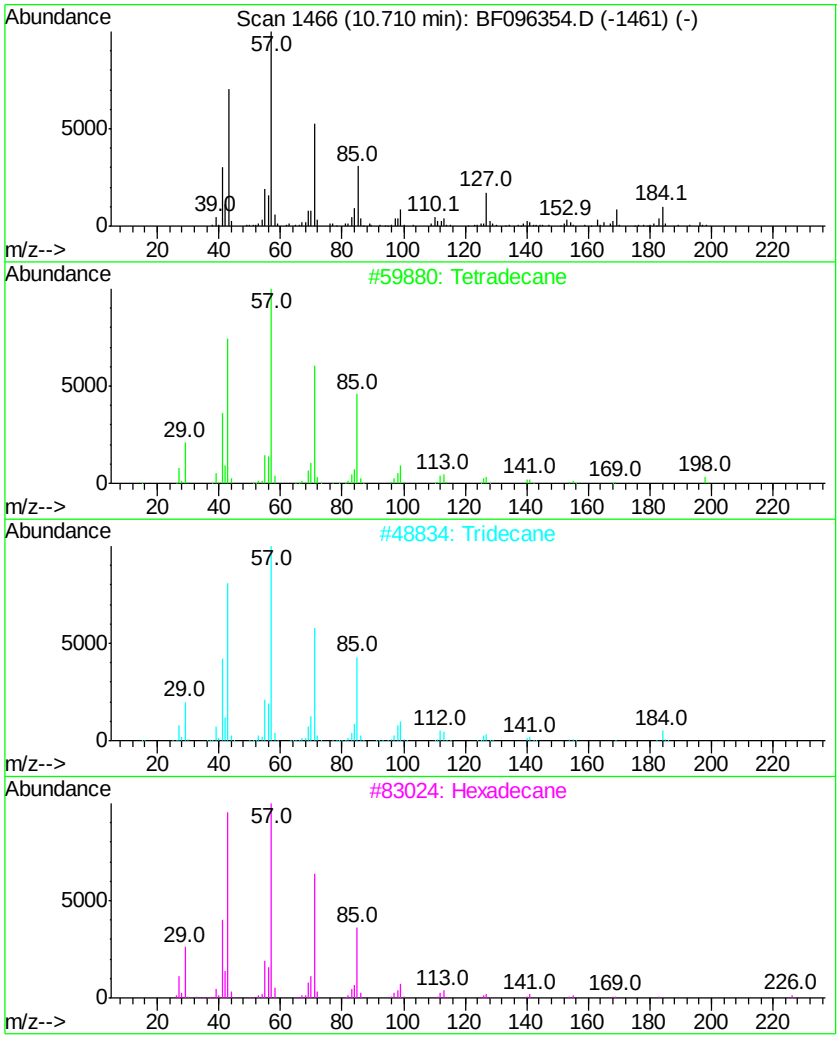
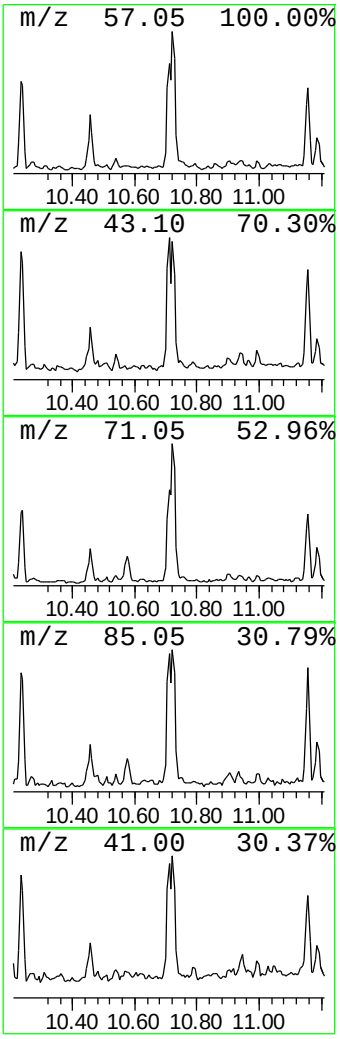
Peak Number 7 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	8.40 ng	363902	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane	184	C13H28	000629-50-5	83
3	Hexadecane	226	C16H34	000544-76-3	64
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	58
5	Heptacosane	380	C27H56	000593-49-7	58





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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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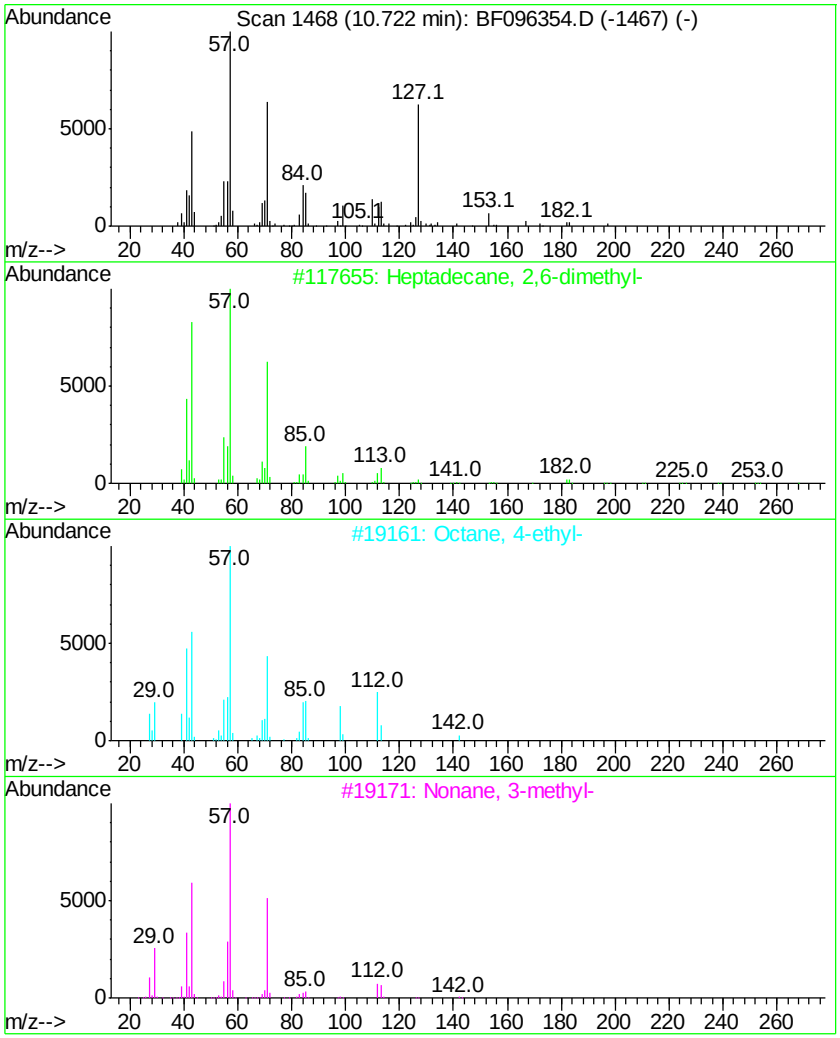
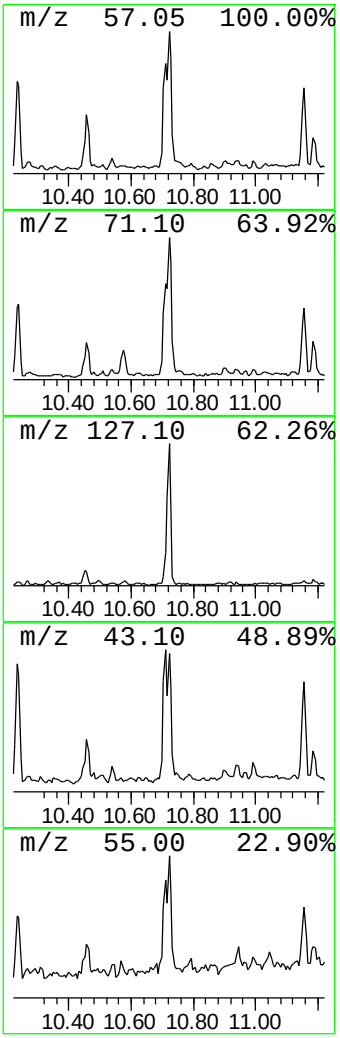
Peak Number 8 Heptadecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	6.85 ng	296560	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	43





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Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

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

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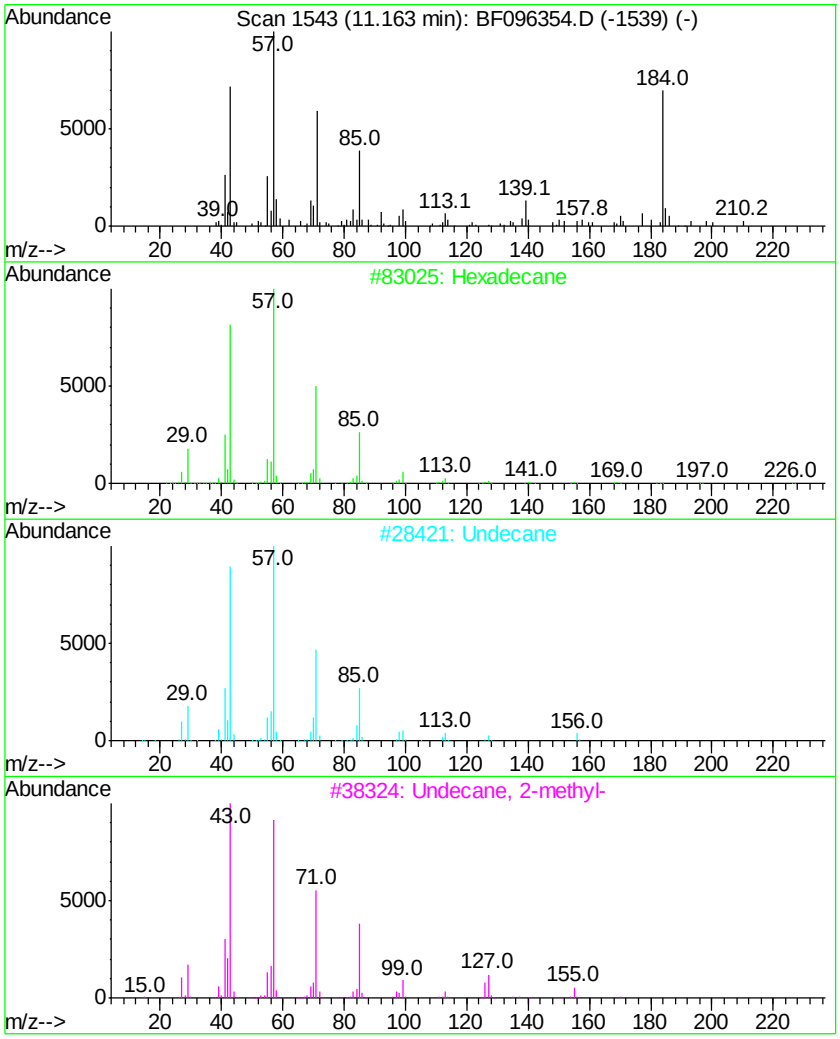
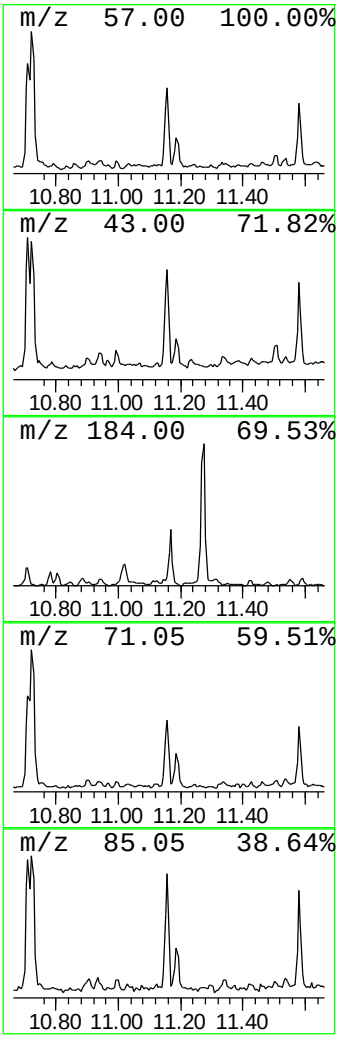
Peak Number 9 Decane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	4.73 ng	204814	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Undecane	156	C11H24	001120-21-4	80
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Decane, 3-methyl-	156	C11H24	013151-34-3	62





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ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId : B2-0-2

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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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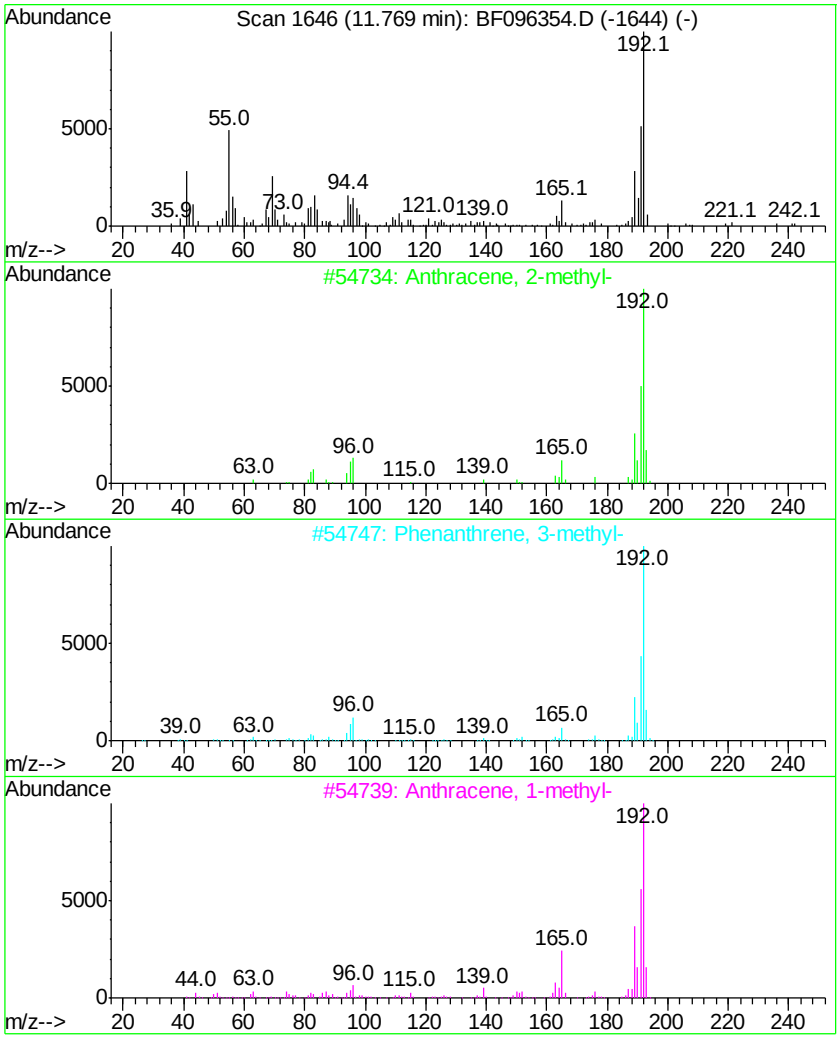
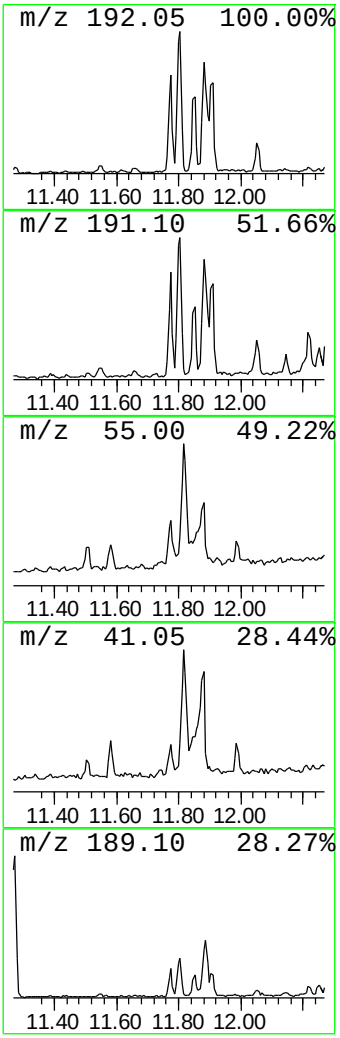
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.29 ng	185627	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72





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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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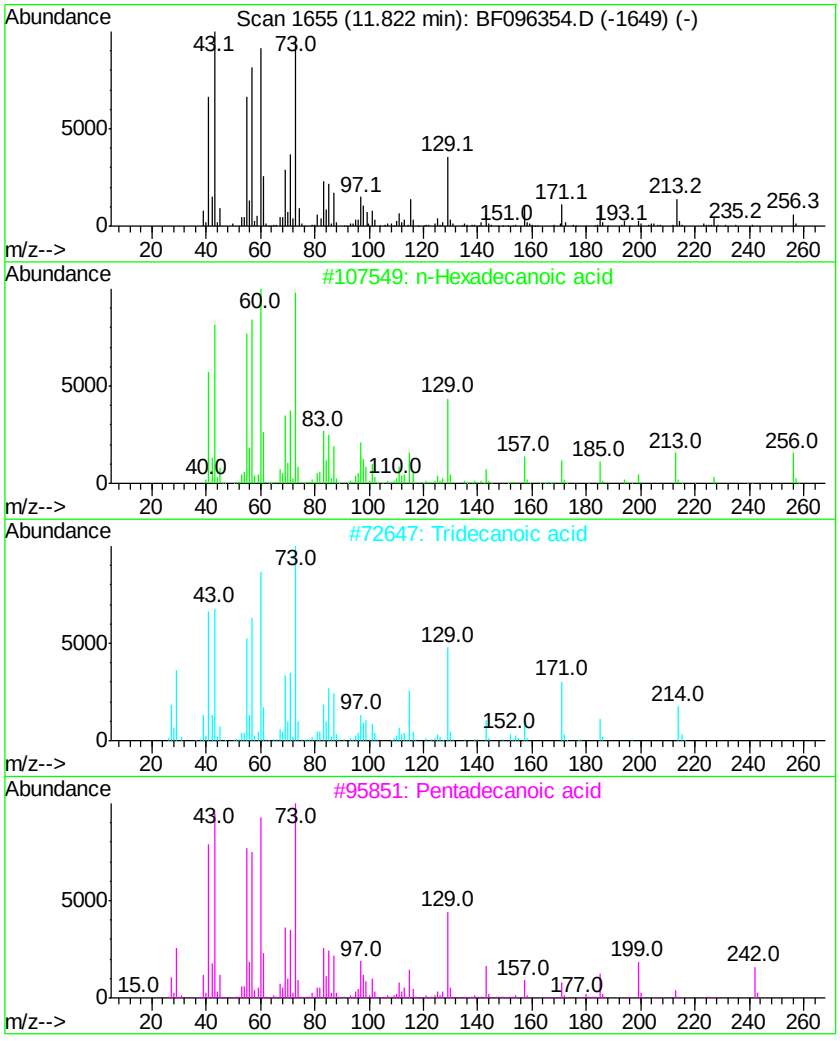
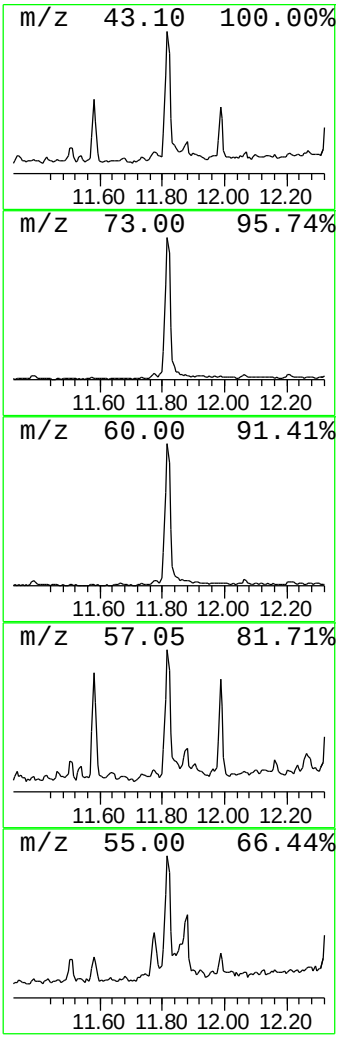
Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	19.61 ng	849269	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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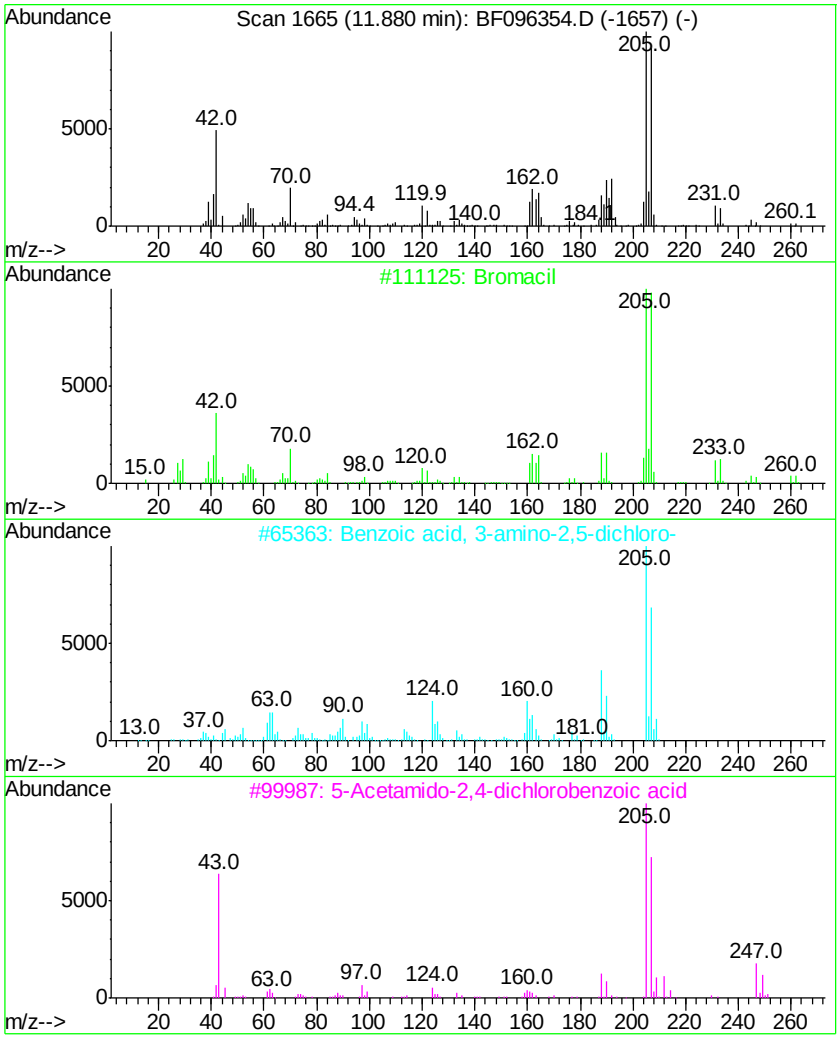
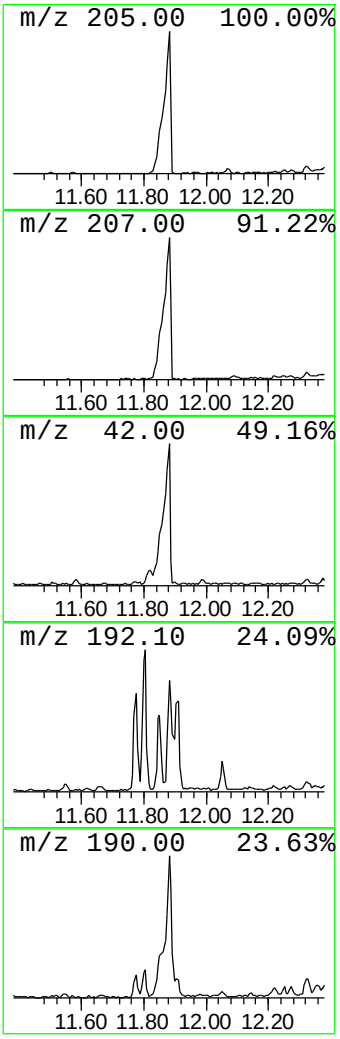
Peak Number 12 Bromacil Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	42.60 ng	1845430	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil	260	C9H13BrN2O2	000314-40-9	98
2	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	58
3	5-Acetamido-2,4-dichlorobenzoic ...	247	C9H7Cl2NO3	050602-49-8	47
4	2,4,6-Trichlorobenzonitrile	205	C7H2Cl3N	006575-05-9	37
5	2-Ethylmercapto-4-amino-5-chloro...	205	C6H8ClN3OS	1000253-98-1	35





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Sample : I3930-01
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ClientSampleId : B2-0-2

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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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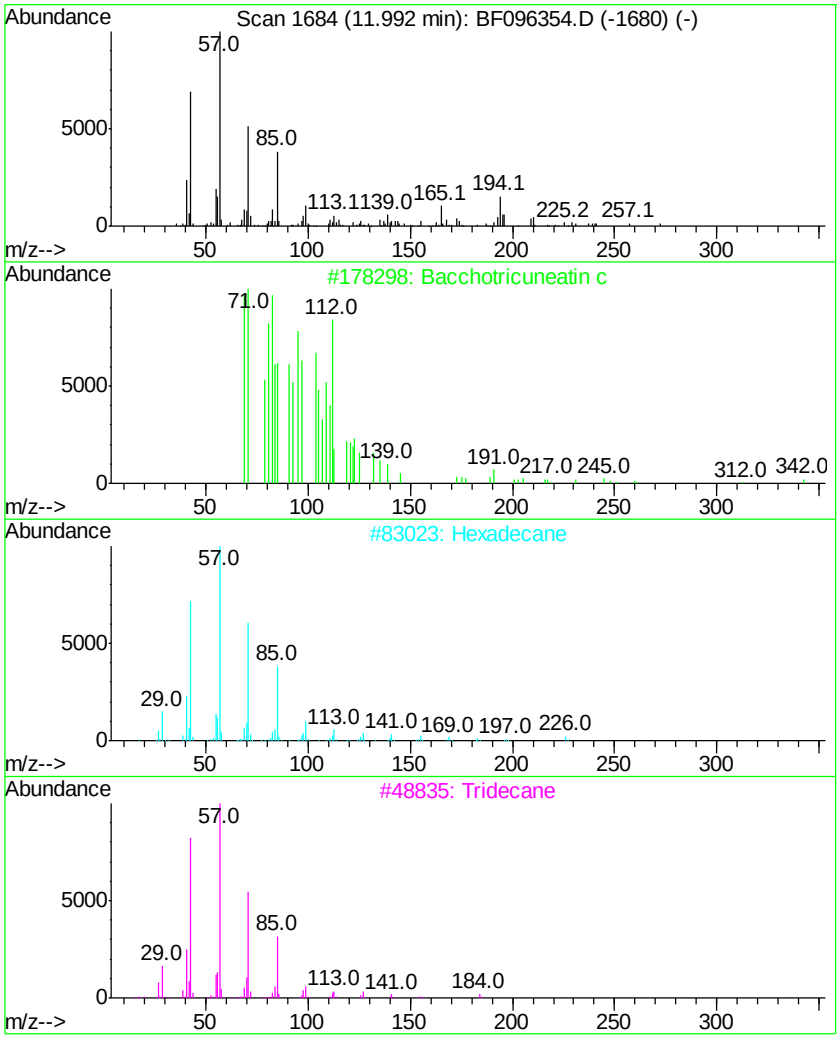
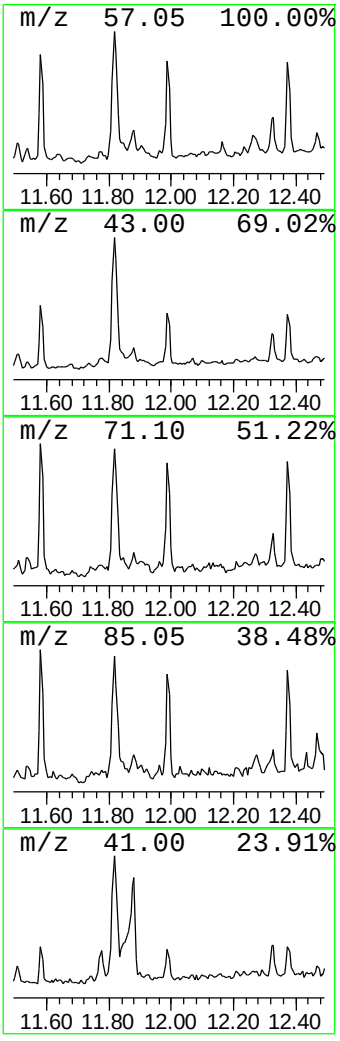
Peak Number 13 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.99 ng	172797	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Hexadecane	226	C16H34	000544-76-3	68
3	Tridecane	184	C13H28	000629-50-5	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Tetradecane	198	C14H30	000629-59-4	64





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Instrument : BNA_F
ClientSampleId : B2-0-2

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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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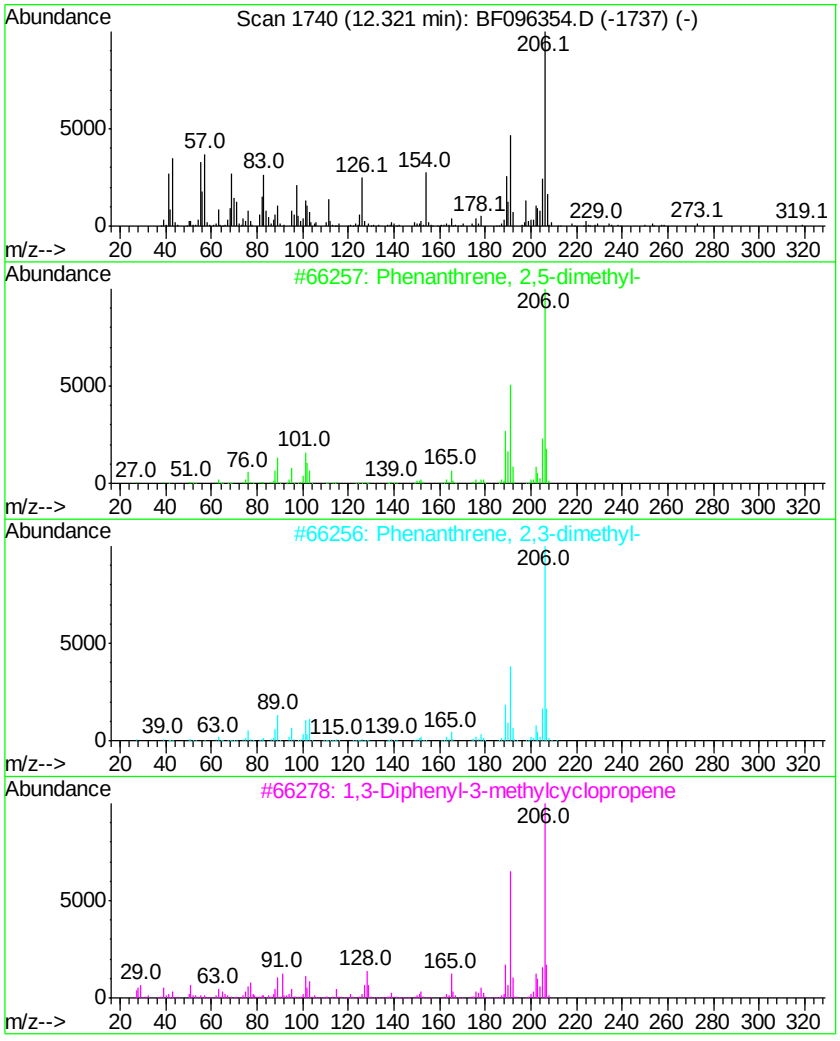
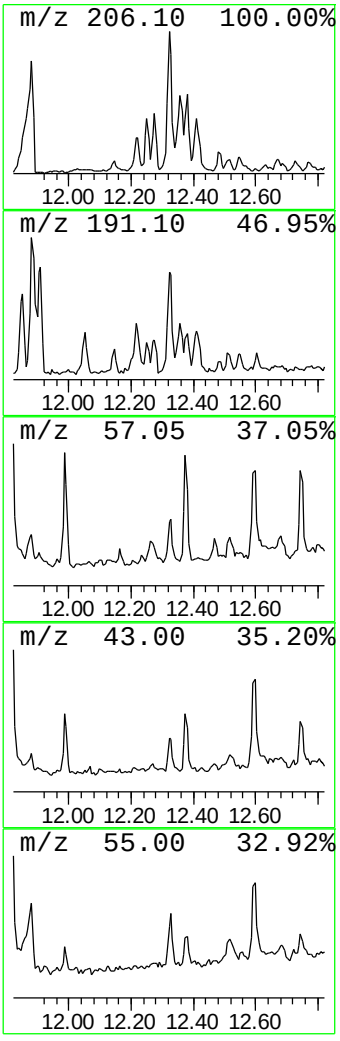
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	6.58 ng	285239	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	78
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	78
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	78
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	78





Library Search Compound Report

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ClientSampleId : B2-0-2

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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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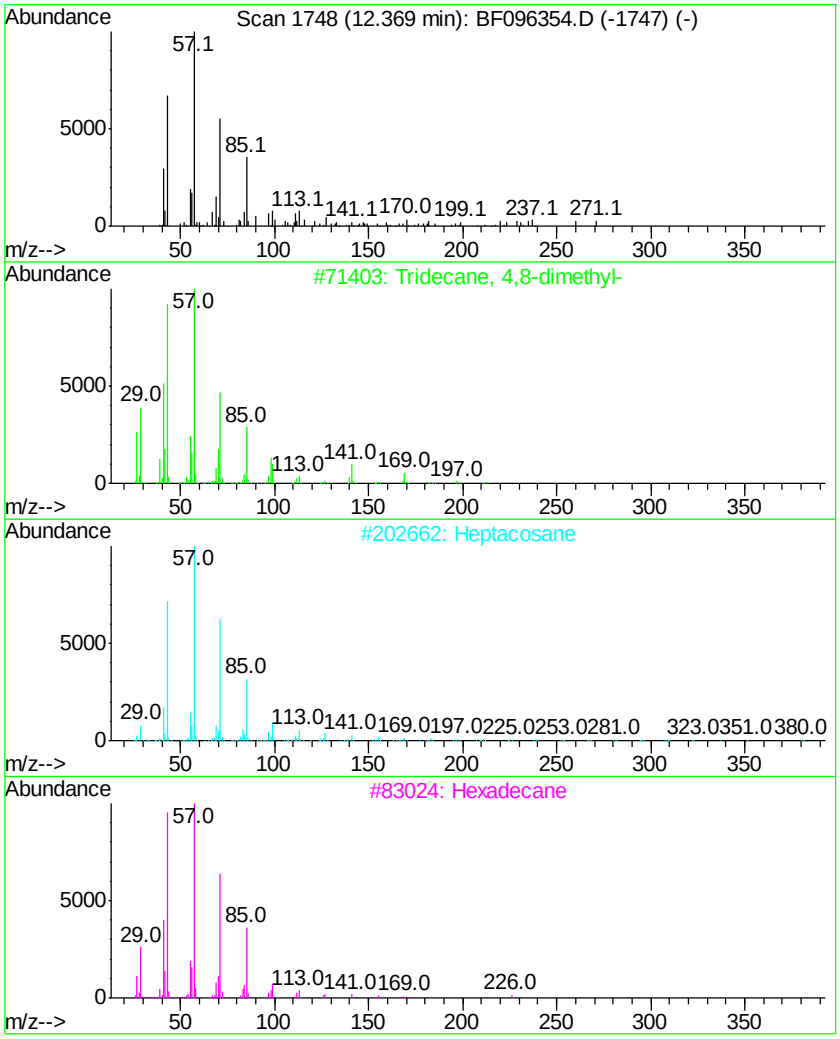
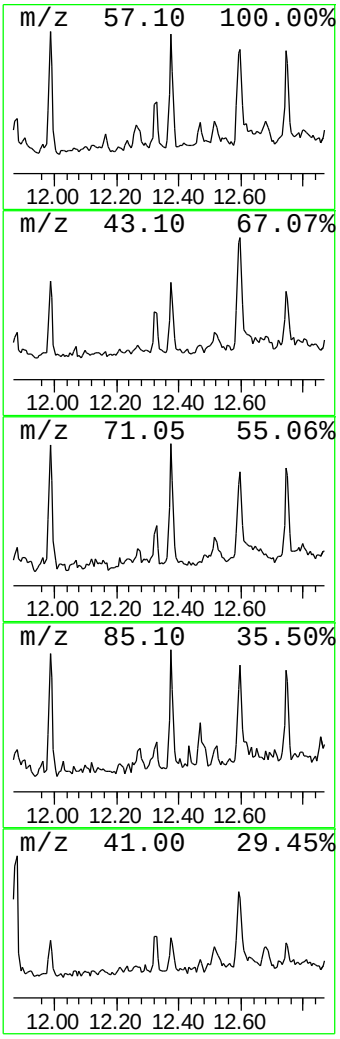
Peak Number 15 Tridecane, 4,8-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.63 ng	200581	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80
2	Heptacosane	380	C27H56	000593-49-7	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Tetracosane	338	C24H50	000646-31-1	80





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ClientSampleId : B2-0-2

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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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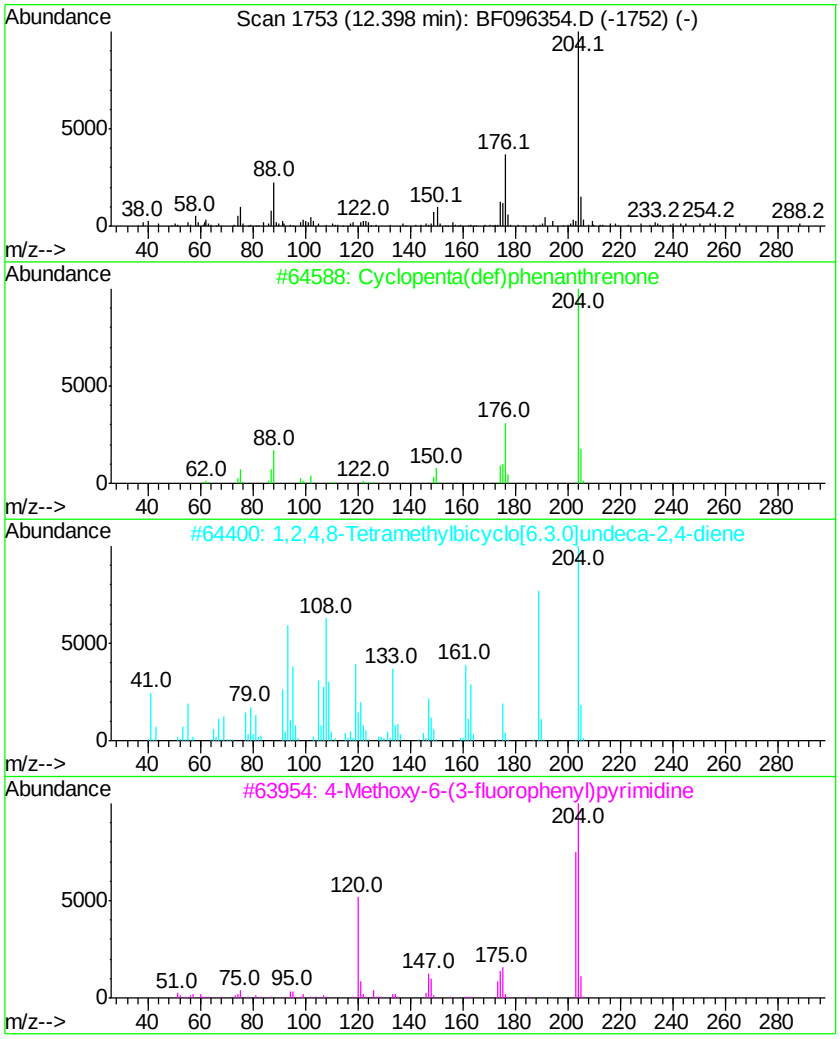
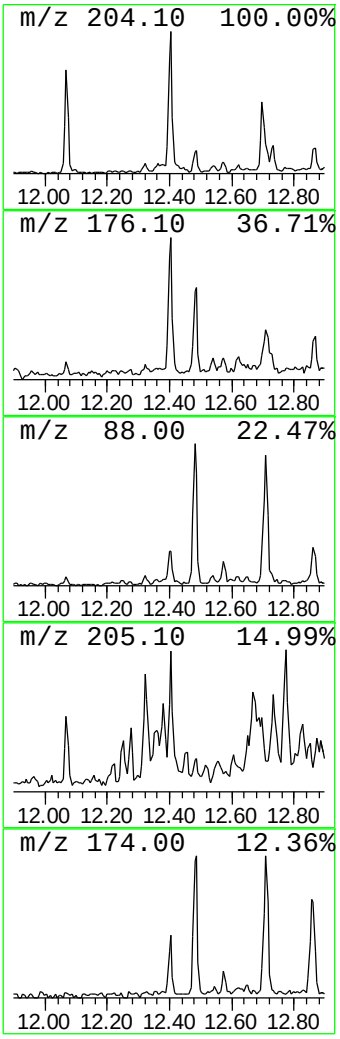
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.81 ng	165219	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	55
3	4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	43
4	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	37





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ClientSampleId : B2-0-2

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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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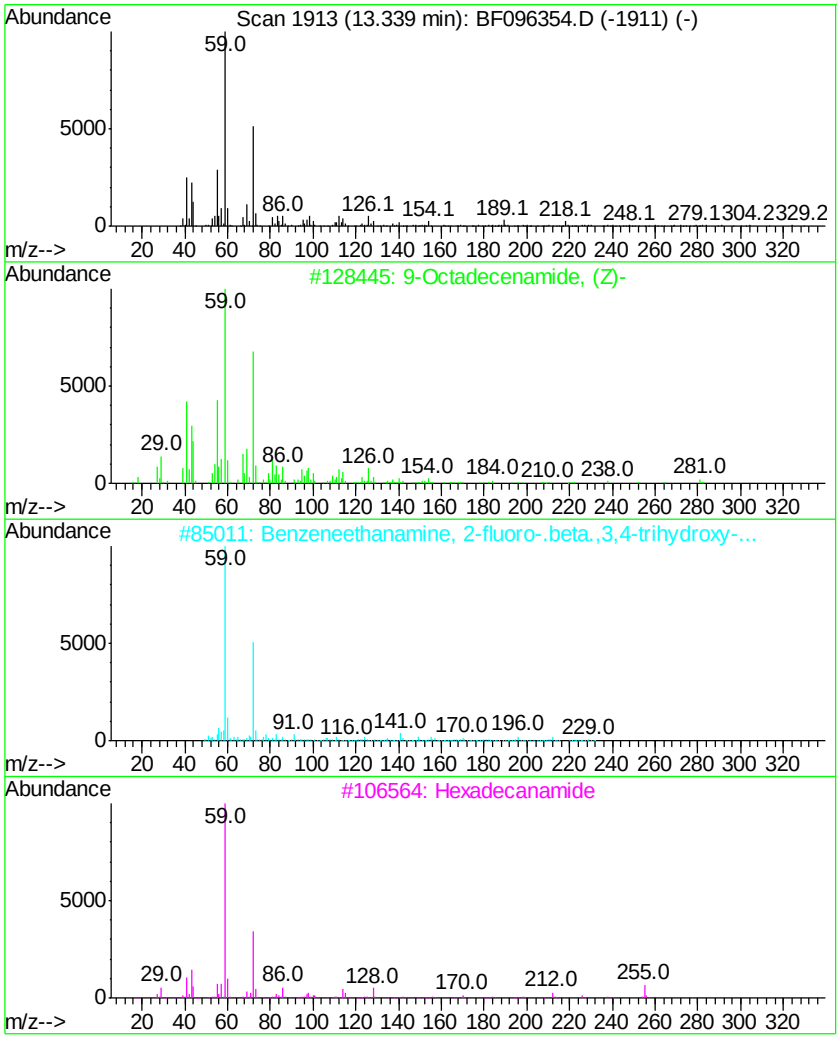
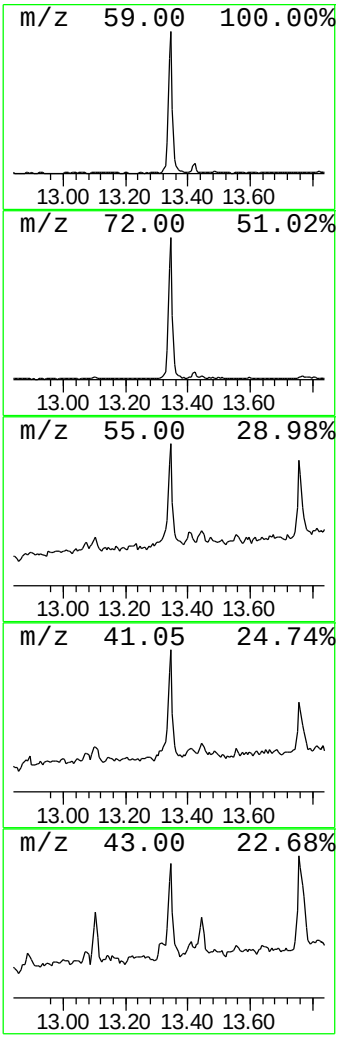
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	6.56 ng	596930	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
3	Hexadecanamide	255	C16H33NO	000629-54-9	59
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
5	Dodecanamide	199	C12H25NO	001120-16-7	59





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ClientSampleId : B2-0-2

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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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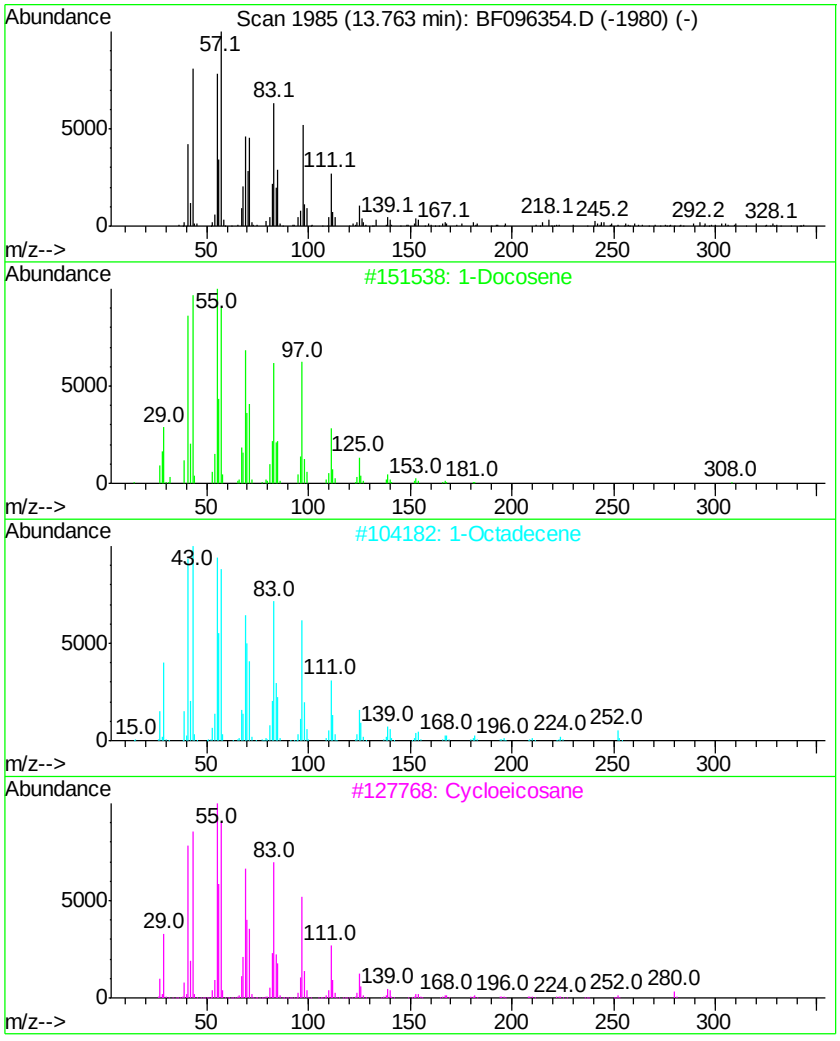
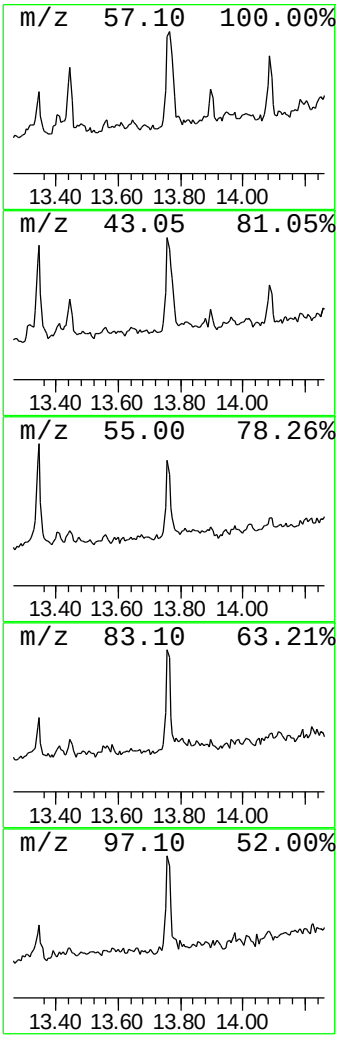
Peak Number 18 1-Docosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.26 ng	478547	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	1-Octadecene	252	C18H36	000112-88-9	89
3	Cycloeicosane	280	C20H40	000296-56-0	81
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	81
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

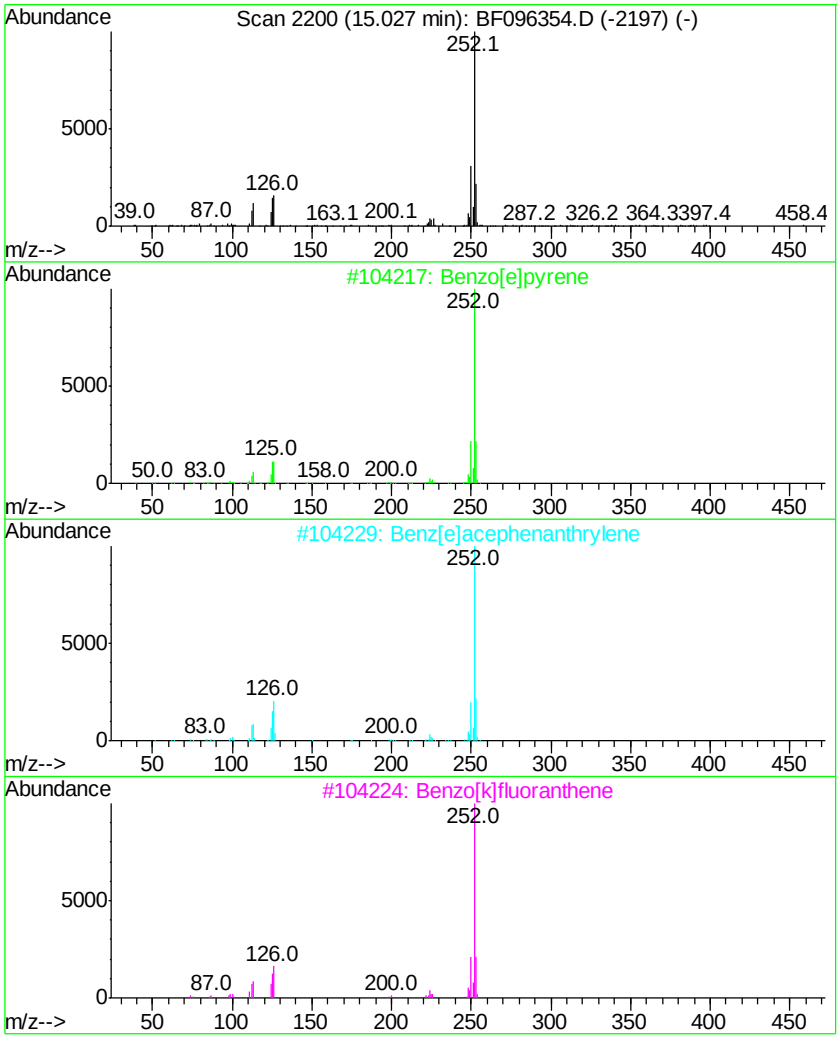
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

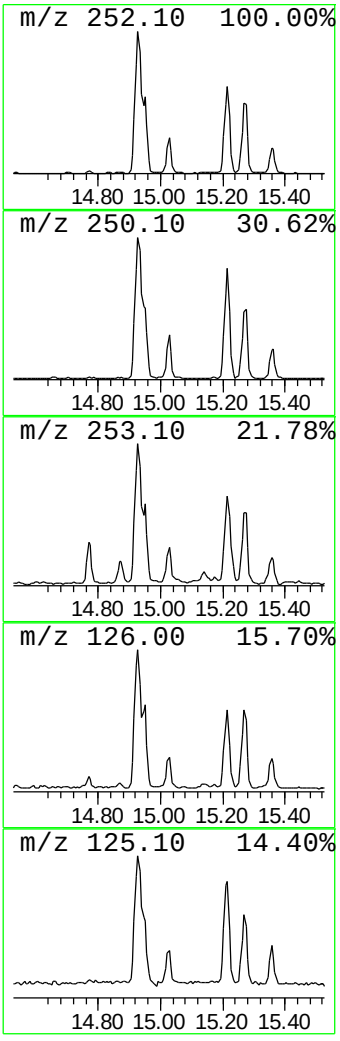
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	15.22 ng	336660	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096354.D
Acq On : 30 Jun 2017 23:35
Operator : SJ/MA
Sample : I3930-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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...	4.96	14.5	ng	717366	1	6.76	988051	20.0
unknown6.53	6.53	74.8	ng	3694890	1	6.76	988051	20.0
Naphthalene, 1-me...	8.85	3.6	ng	250850	2	8.04	1387650	20.0
Hexadecane	9.21	4.3	ng	244240	3	9.79	1145680	20.0
Naphthalene, 2,3-...	9.45	3.6	ng	208311	3	9.79	1145680	20.0
Tetradecane	10.71	8.4	ng	363902	4	11.27	866369	20.0
Heptadecane, 2,6-...	10.72	6.8	ng	296560	4	11.27	866369	20.0
Decane, 3-methyl-	11.16	4.7	ng	204814	4	11.27	866369	20.0
Anthracene, 2-met...	11.77	4.3	ng	185627	4	11.27	866369	20.0
n-Hexadecanoic acid	11.82	19.6	ng	849269	4	11.27	866369	20.0
Bromacil	11.88	42.6	ng	1845430	4	11.27	866369	20.0
Bacchotricuneatin c	11.99	4.0	ng	172797	4	11.27	866369	20.0
Phenanthrene, 2,5...	12.32	6.6	ng	285239	4	11.27	866369	20.0
Tridecane, 4,8-di...	12.37	4.6	ng	200581	4	11.27	866369	20.0
Cyclopenta(def)ph...	12.40	3.8	ng	165219	4	11.27	866369	20.0
9-Octadecenamide,...	13.34	6.6	ng	596930	5	13.91	1820930	20.0
1-Docosene	13.76	5.3	ng	478547	5	13.91	1820930	20.0
Benzo[e]pyrene	15.03	15.2	ng	336660	6	15.33	442459	20.0