LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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	2.840	116	128	135	rVB2	35009	87135	2.58%	0.227%
2	3.775	280	287	291	rBV3	36177	62505	1.85%	0.163%
3	4.387	387	391	398	rVB2	146178	200373	5.93%	0.523%
4	4.957	484	488	494	rVB	453600	594193	17.59%	1.551%
5	5.375	554	559	562	rVB	3268859	3213122	95.10%	8.385%
6	5.604	596	598	607	rVB2	50919	70788	2.10%	0.185%
7	5.922	647	652	657	rVB4	54510	68302	2.02%	0.178%
8	6.022	666	669	675	rVB2	57784	64714	1.92%	0.169%
9	6.075	675	678	683	rVB	54521	50702	1.50%	0.132%
10	6.210	694	701	704	rBV4	32123	55119	1.63%	0.144%
11	6.298	713	716	722	rVB4	64821	75456	2.23%	0.197%
12	6.392	722	732	735	rBV	3229210	3378668	100.00%	8.817%
13	6.528	750	755	758	rBV	3310256	3166415	93.72%	8.263%
14	6.586	761	765	767	rVV2	65835	68094	2.02%	0.178%
15	6.610	767	769	771	rVB	61816	46554	1.38%	0.121%
16	6.757	790	794	797	rVV	1106923	923551	27.33%	2.410%
17	6.786	797	799	802	rVB2	69760	59096	1.75%	0.154%
18	6.822	802	805	809	rBV	75055	74996	2.22%	0.196%
19	6.916	817	821	824	rBV	2787001	2397388	70.96%	6.256%
20	7.051	840	844	846	rVB2	64540	58992	1.75%	0.154%
21	7.163	858	863	865	rBV4	53320	59508	1.76%	0.155%
22	7.316	881	889	892	rBV	2138433	2122126	62.81%	5.538%
23	7.369	895	898	901	rVB	125828	103463	3.06%	0.270%
24	7.404	901	904	909	rBV3	100790	122356	3.62%	0.319%
25	7.769	962	966	971	rBV7	31482	54348	1.61%	0.142%
26	8.039	1008	1012	1015	rBV	1494975	1296137	38.36%	3.383%
27	8.063	1015	1016	1018	rVB	147488	67424	2.00%	0.176%
28	8.116	1023	1025	1028	rVB	69927	51142	1.51%	0.133%
29	8.316	1056	1059	1062	rBV2	52295	51980	1.54%	0.136%
30	8.380	1066	1070	1074	rVV4	53669	66239	1.96%	0.173%
31	8.427	1074	1078	1082	rVV2	173562	190452	5.64%	0.497%
32	8.480	1083	1087	1090	rVB	121413	115024	3.40%	0.300%
33	8.645	1112	1115	1117	rBV	130615	99556	2.95%	0.260%
34	8.751	1127	1133	1136	rVB	216645	192770	5.71%	0.503%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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	8.851	1146	1150	1154	rVB	214971	168199	4.98%	0.439%
36	9.075	1185	1188	1191	rVV	69758	55349	1.64%	0.144%
37	9.116	1191	1195	1199	rVB	2941537	2673526	79.13%	6.977%
38	9.210	1208	1211	1215	rVB2	159944	147496	4.37%	0.385%
39	9.374	1237	1239	1245	rVB2	68910	81723	2.42%	0.213%
40	9.451	1246	1252	1255	rBV	131173	160838	4.76%	0.420%
41	9.480	1255	1257	1259	rVV	116489	86255	2.55%	0.225%
42	9.510	1259	1262	1264	rVV	539542	432589	12.80%	1.129%
43	9.533	1264	1266	1268	rVB	93441	68166	2.02%	0.178%
44	9.569	1270	1272	1274	rBV	78233	55273	1.64%	0.144%
45	9.651	1281	1286	1289	rBV	165666	145893	4.32%	0.381%
46	9.739	1298	1301	1305	rVB	162787	131215	3.88%	0.342%
47	9.792	1305	1310	1314	rBV2	1156234	1043390	30.88%	2.723%
48	9.998	1342	1345	1348	rVB	138021	123519	3.66%	0.322%
49	10.110	1360	1364	1367	rVV2	49842	56090	1.66%	0.146%
50	10.204	1376	1380	1383	rBV2	73829	101426	3.00%	0.265%
51	10.239	1383	1386	1388	rVB	152551	129056	3.82%	0.337%
52	10.333	1400	1402	1404	rBV	74192	56640	1.68%	0.148%
53	10.457	1419	1423	1425	rBV2	76567	73209	2.17%	0.191%
54	10.498	1425	1430	1435	rVB	58835	87569	2.59%	0.229%
55	10.574	1439	1443	1447	rVV	1457470	1373778	40.66%	3.585%
56	10.710	1461	1466	1467	rBV	214528	212536	6.29%	0.555%
57	10.904	1493	1499	1503	rBV7	24245	54877	1.62%	0.143%
58	11.039	1520	1522	1526	rVV5	46766	58878	1.74%	0.154%
59	11.074	1526	1528	1533	rVB3	55411	58685	1.74%	0.153%
60	11.127	1533	1537	1539	rBV4	39467	54444	1.61%	0.142%
61	11.157	1539	1542	1545	rVV2	143364	141708	4.19%	0.370%
62	11.186	1545	1547	1551	rVB2	55824	52332	1.55%	0.137%
63	11.274	1558	1562	1564	rBV	910291	817578	24.20%	2.134%
64	11.292	1564	1565	1568	rVV	205816	154891	4.58%	0.404%
65	11.345	1568	1574	1577	rVV	154330	147962	4.38%	0.386%
66	11.386	1577	1581	1586	rVV7	31260	49238	1.46%	0.128%
67	11.580	1611	1614	1617	rBV	102037	91019	2.69%	0.238%
68	11.774	1644	1647	1649	rBV	53473	48066	1.42%	0.125%
69	11.810	1649	1653	1656	rVV2	499570	546854	16.19%	1.427%
70	11.851	1656	1660	1663	rVV2	360124	437103	12.94%	1.141%
71	11.880	1663	1665	1668	rVV	104862	114685	3.39%	0.299%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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	11.904	1668	1669	1673	rVB	66953	51797	1.53%	0.135%
73	11.986	1680	1683	1689	rVB	105889	105975	3.14%	0.277%
74	12.068	1694	1697	1699	rBV	52300	50923	1.51%	0.133%
75	12.321	1737	1740	1743	rVB2	94984	87646	2.59%	0.229%
76	12.374	1747	1749	1752	rVB2	110186	95992	2.84%	0.251%
77	12.404	1752	1754	1760	rVB3	56542	67136	1.99%	0.175%
78	12.480	1764	1767	1771	rBV	397888	364325	10.78%	0.951%
79	12.515	1771	1773	1781	rVV4	194406	252538	7.47%	0.659%
80	12.598	1784	1787	1792	rVB2	184617	195146	5.78%	0.509%
81	12.680	1797	1801	1803	rBV2	254377	272844	8.08%	0.712%
82	12.710	1803	1806	1809	rVV	385658	342122	10.13%	0.893%
83	12.745	1810	1812	1815	rVV2	69583	57325	1.70%	0.150%
84	12.857	1827	1831	1834	rBV	1972411	1803621	53.38%	4.707%
85	12.886	1834	1836	1839	rVB	173424	159216	4.71%	0.416%
86	12.927	1841	1843	1846	rBV	48655	51833	1.53%	0.135%
87	13.104	1870	1873	1875	rVB	113255	97534	2.89%	0.255%
88	13.139	1877	1879	1882	rVB	74979	67830	2.01%	0.177%
89	13.345	1909	1914	1921	rVB	793813	836516	24.76%	2.183%
90	13.410	1921	1925	1928	rBV	351783	352955	10.45%	0.921%
91	13.445	1928	1931	1934	rVB	109375	102328	3.03%	0.267%
92	13.539	1945	1947	1953	rVB2	81989	99132	2.93%	0.259%
93	13.757	1982	1984	1989	rVB2	171075	226635	6.71%	0.591%
94	13.904	2004	2009	2012	rBV2	1013191	1227888	36.34%	3.204%
95	13.927	2012	2013	2016	rVB	250808	152164	4.50%	0.397%
96	14.086	2038	2040	2043	rBV	102907	82925	2.45%	0.216%
97	14.921	2178	2182	2185	rBV	349356	524461	15.52%	1.369%
98	15.204	2228	2230	2235	rVB	223153	252659	7.48%	0.659%
99	15.262	2237	2240	2244	rVB	206132	227095	6.72%	0.593%
100	15.321	2247	2250	2254	rBV	428207	509085	15.07%	1.329%

Sum of corrected areas: 38318389

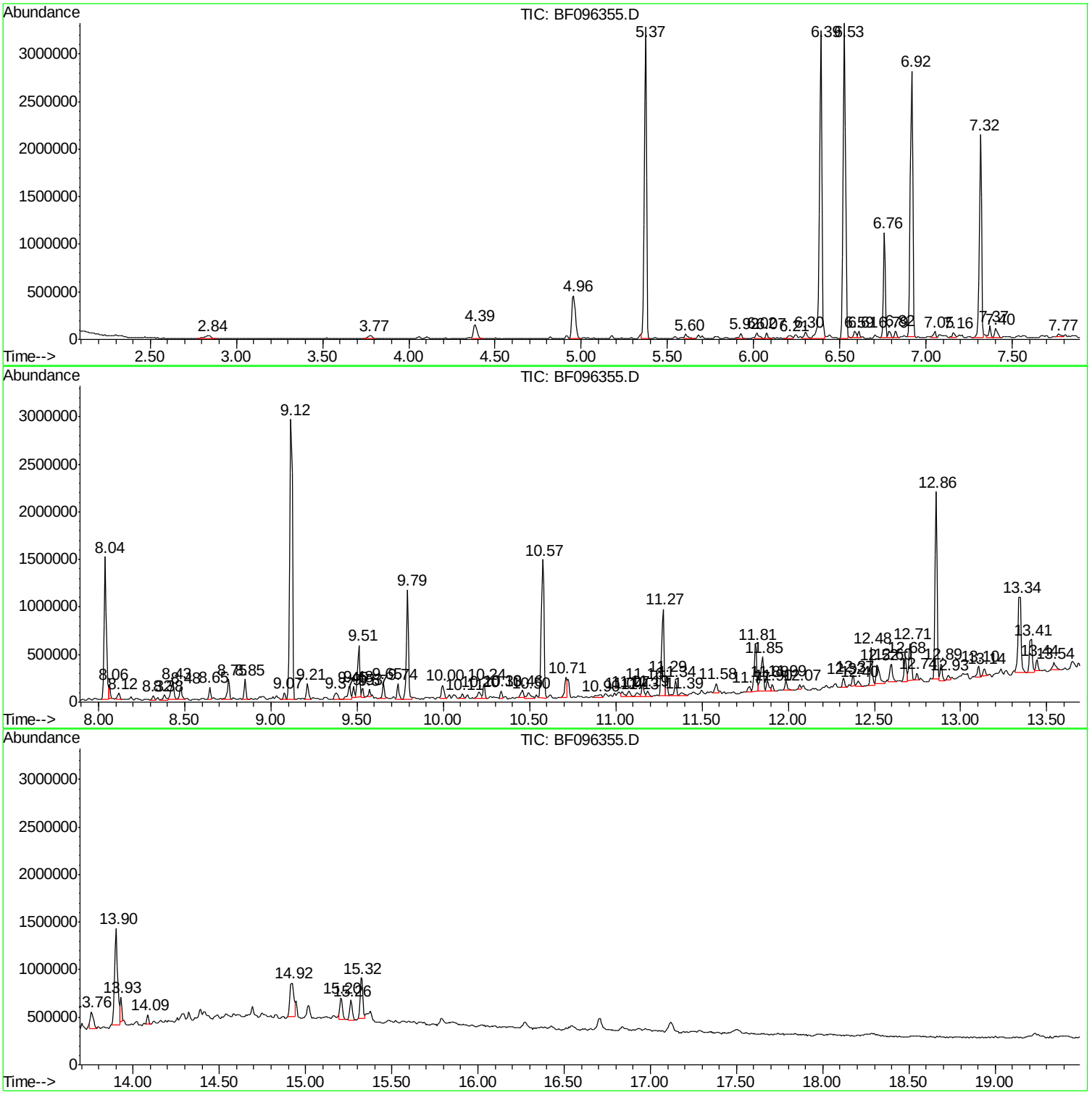
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

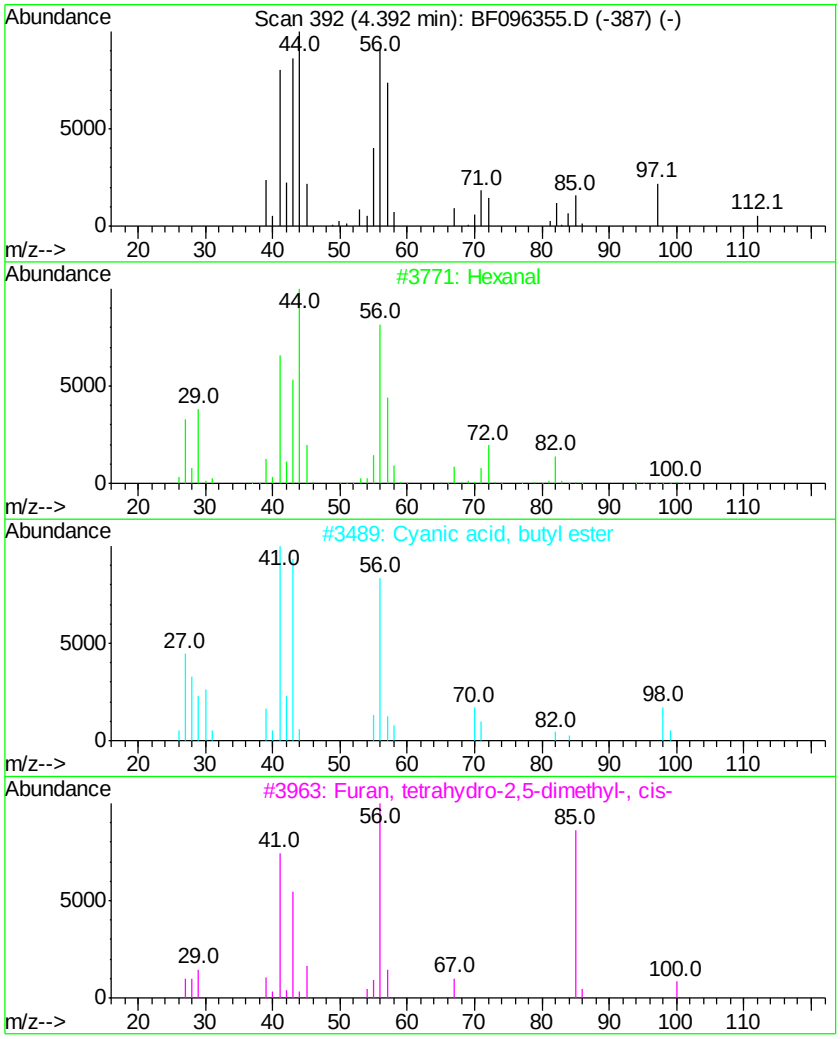
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

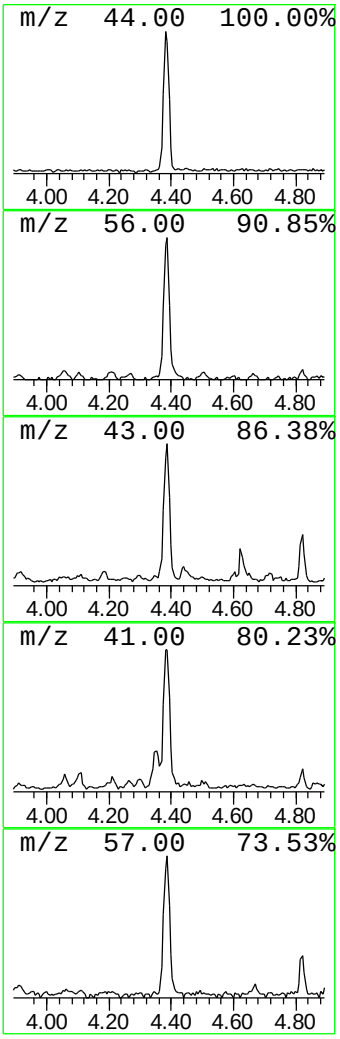
****

Peak Number 1 Hexanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	4.34 ng	200373	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	86
2	Cyanic acid, butyl ester	99	C5H9NO	001768-24-7	38
3	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	35
4	Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	038484-59-2	35
5	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

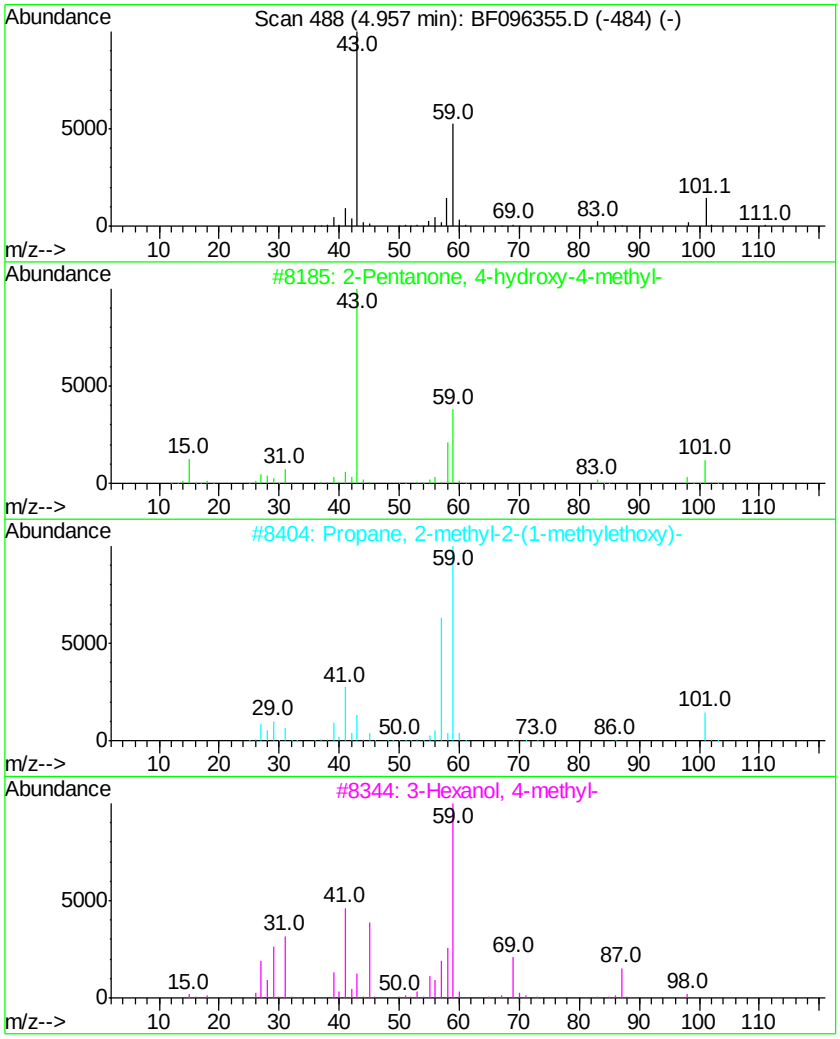
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

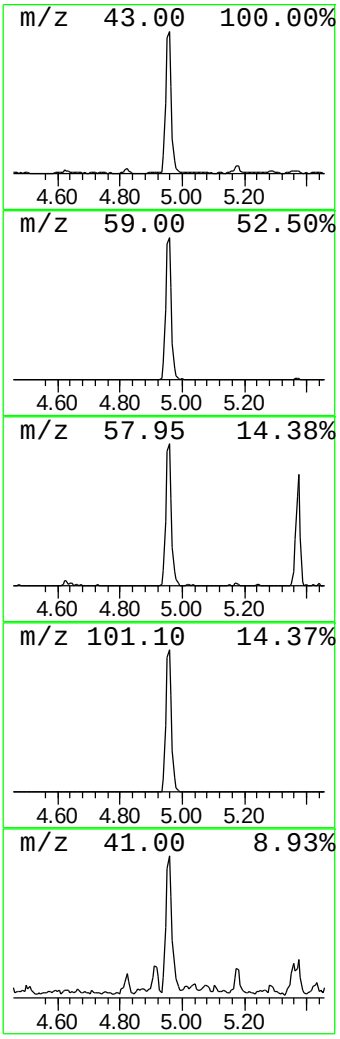
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	12.87 ng	594193	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	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	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 : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

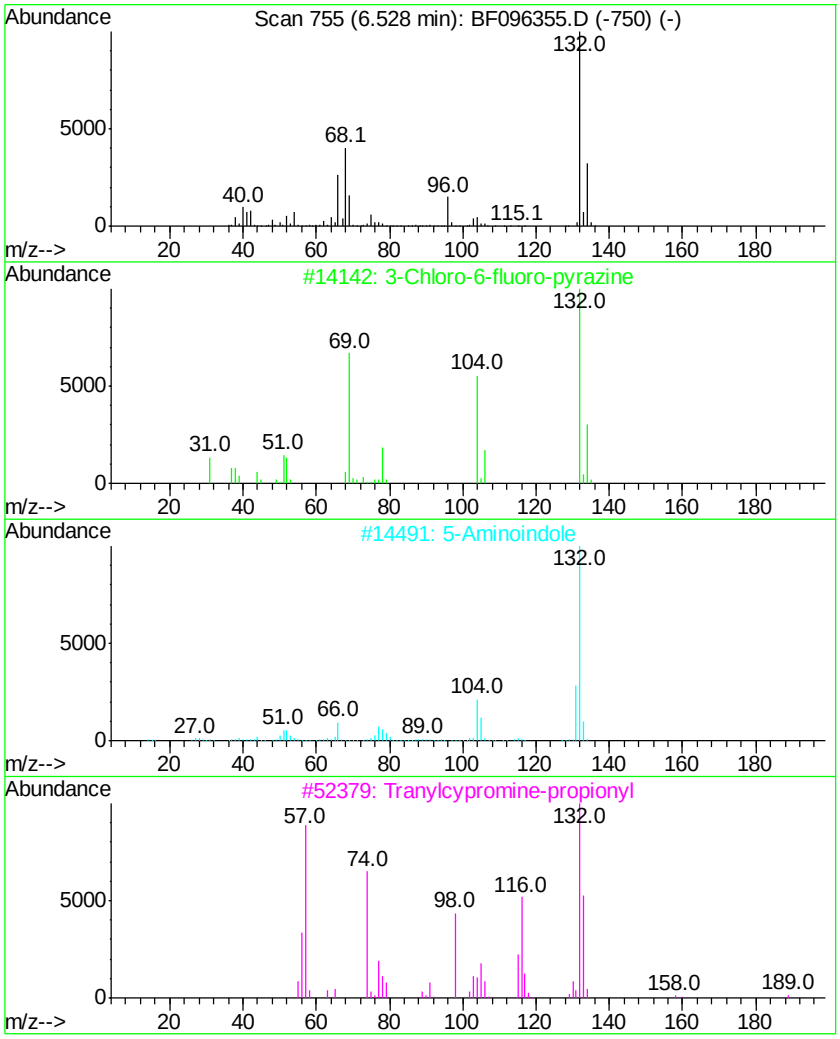
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

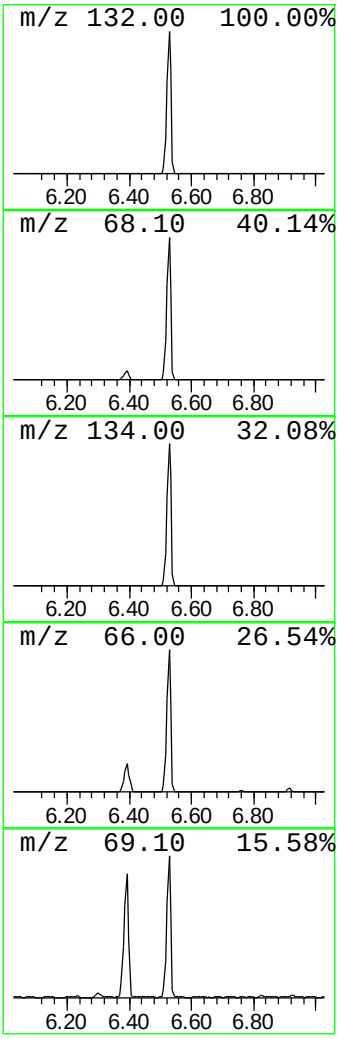
****

Peak Number 3 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	68.57 ng	3166420	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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

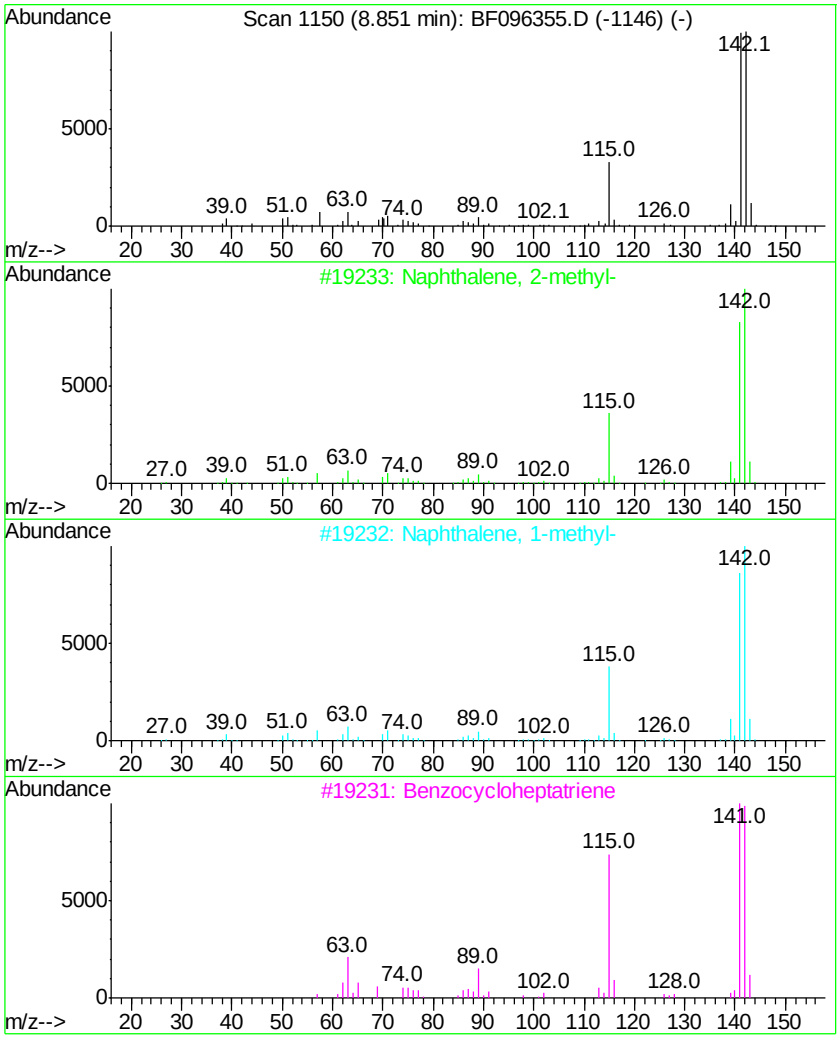
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

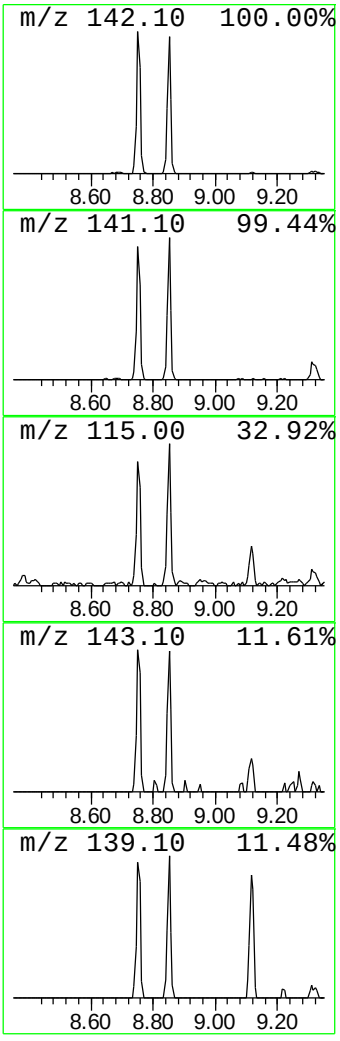
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	2.60 ng	168199	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

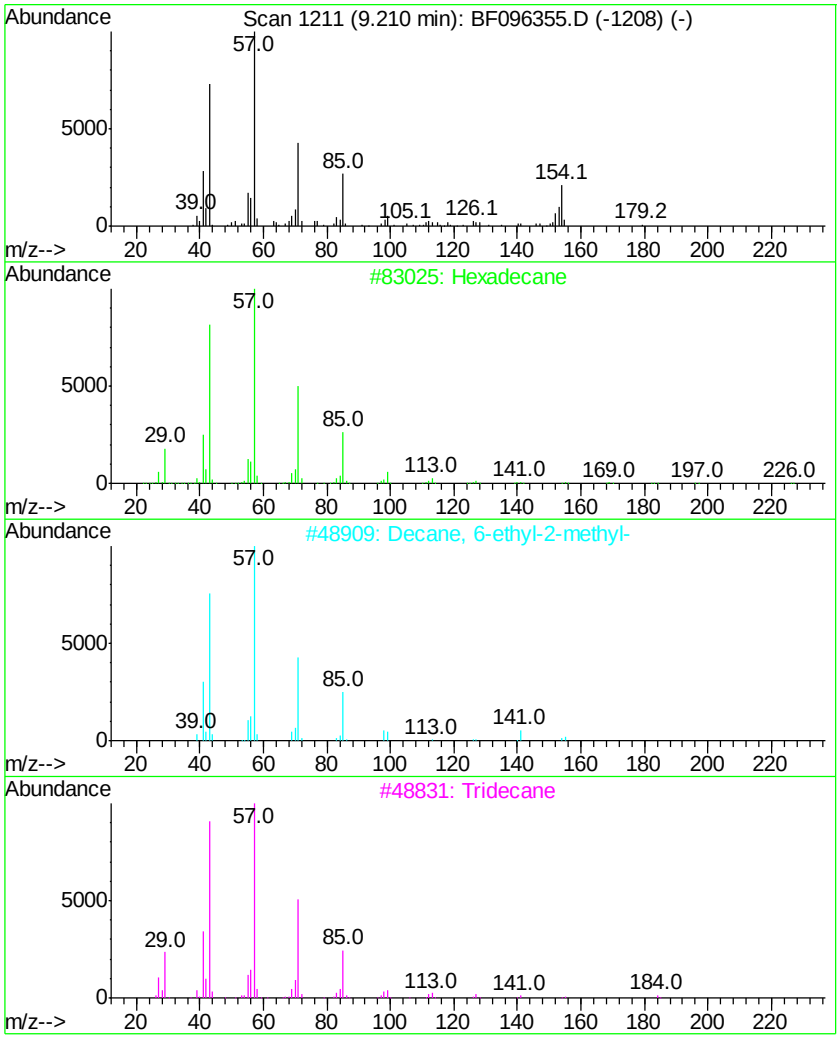
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

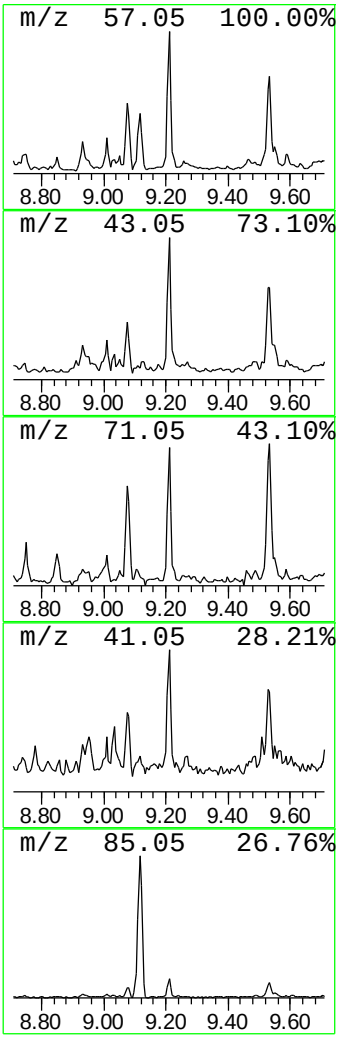
****

Peak Number 6 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	2.83 ng	147496	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	62
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
3	Tridecane	184	C13H28	000629-50-5	52
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

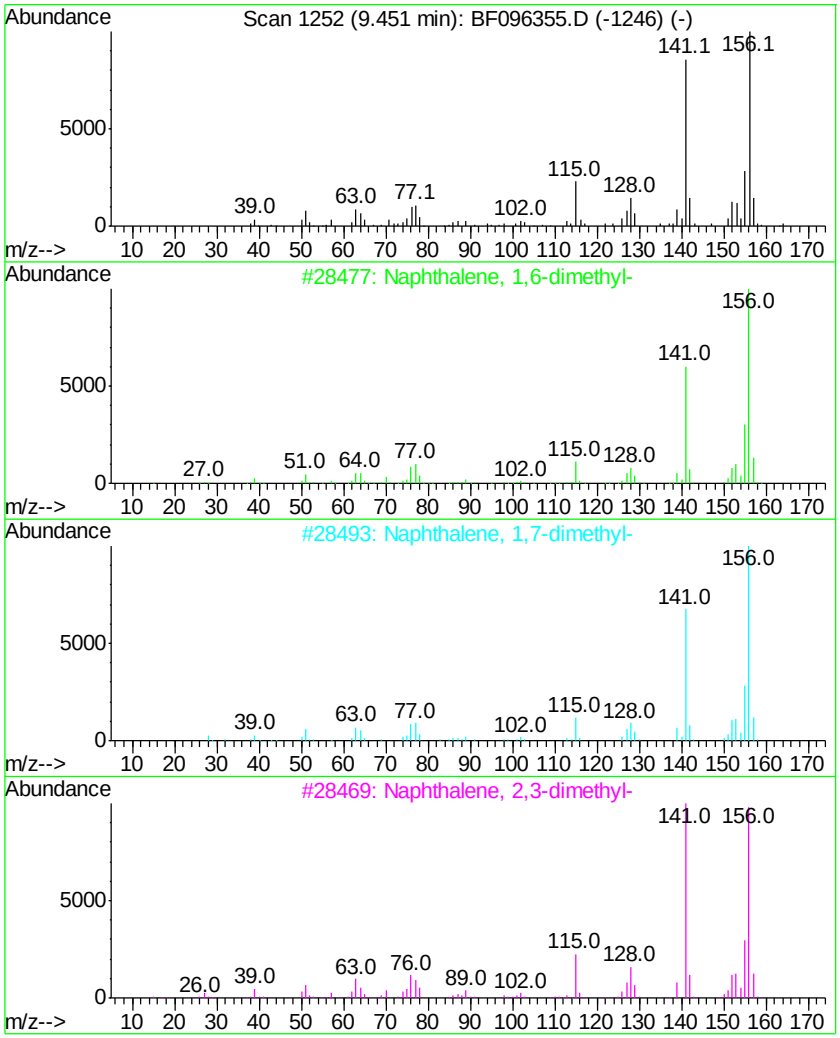
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

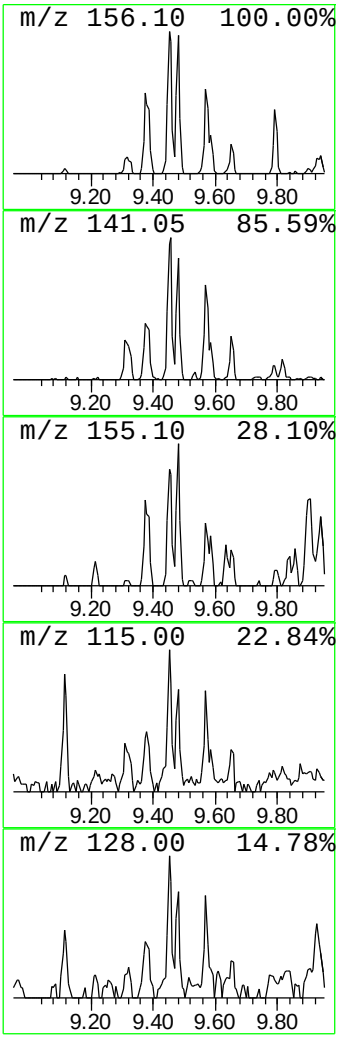
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	3.08 ng	160838	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

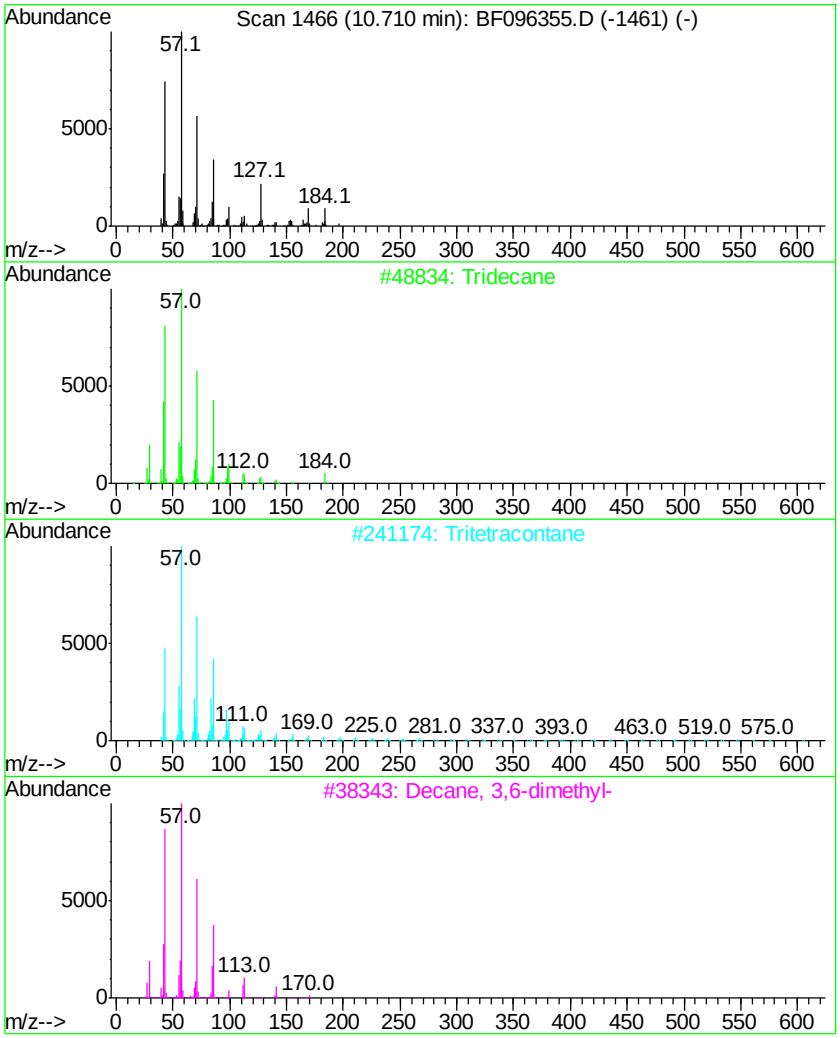
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

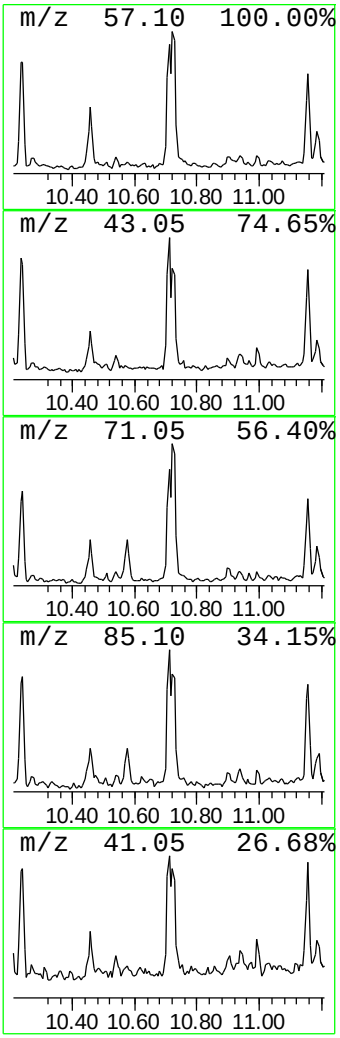
****

Peak Number 10 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	5.20 ng	212536	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tritetracontane	605	C43H88	007098-21-7	64
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

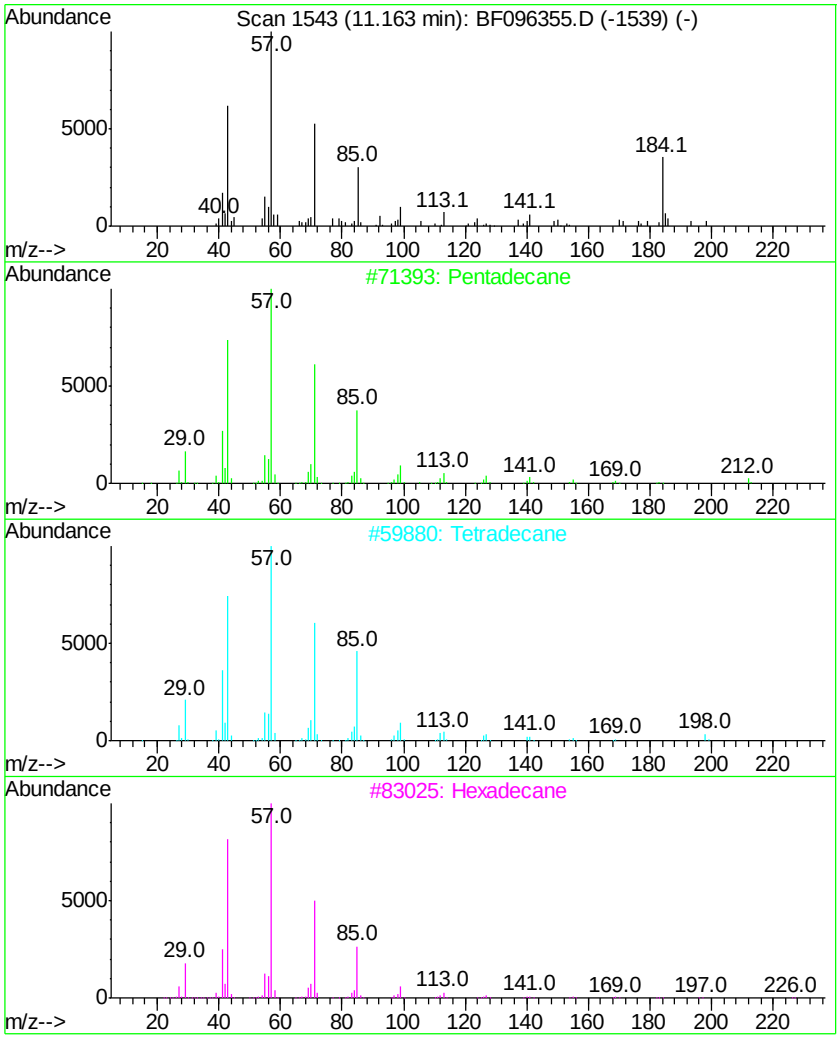
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

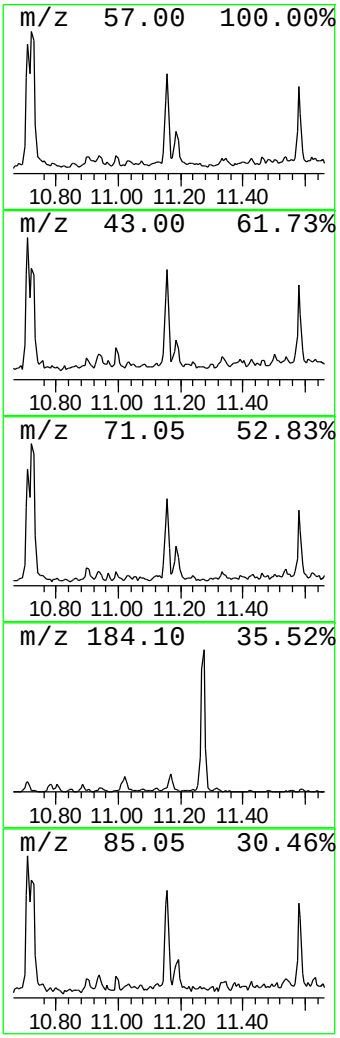
****

Peak Number 11 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.47 ng	141708	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Dodecane	170	C12H26	000112-40-3	80
5	5-Ethyldecane	170	C12H26	017302-36-2	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

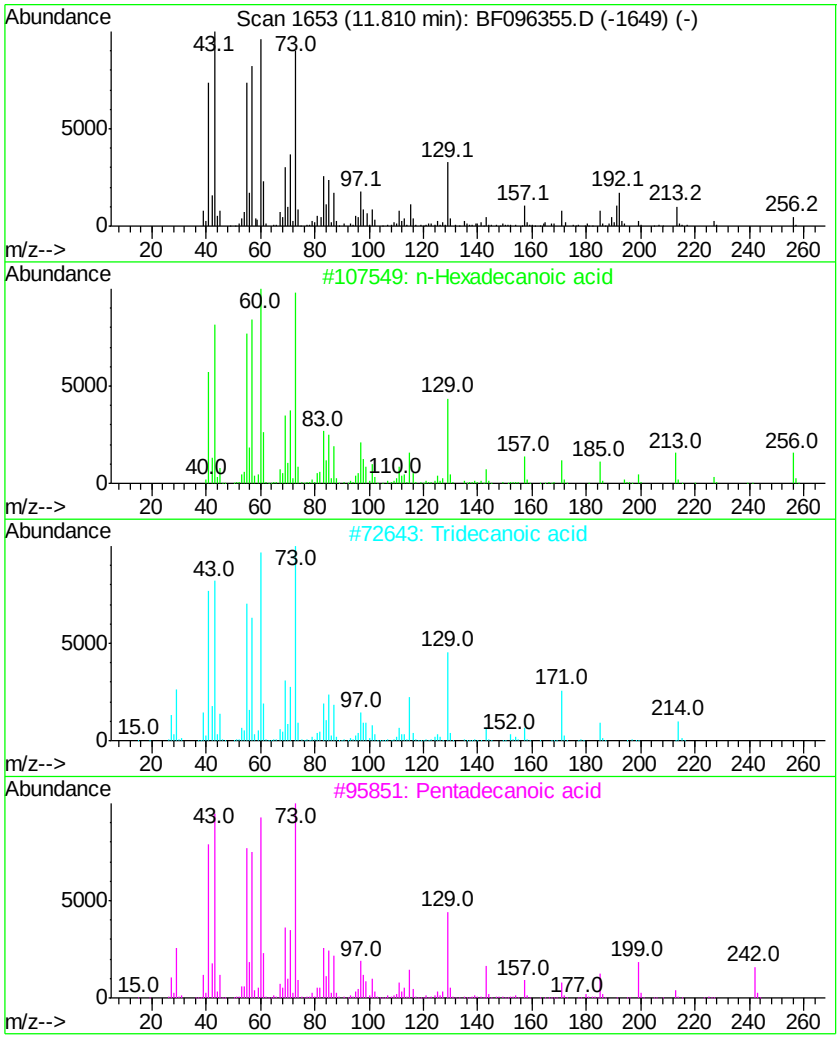
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

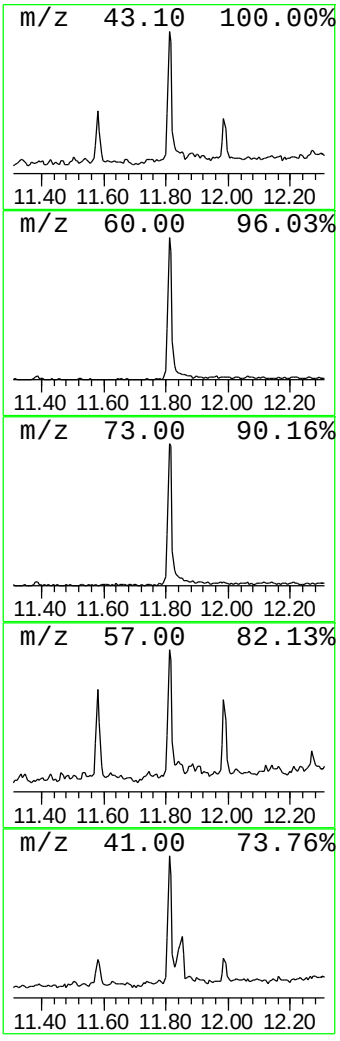
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	13.38 ng	546854	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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

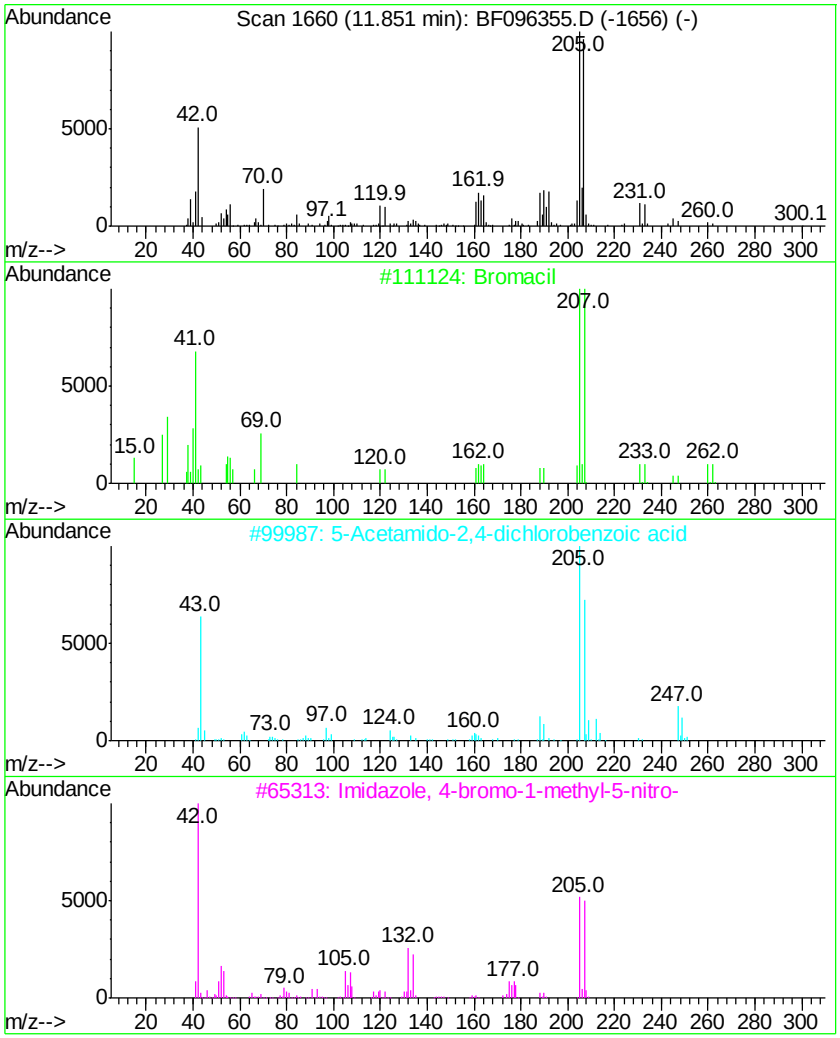
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

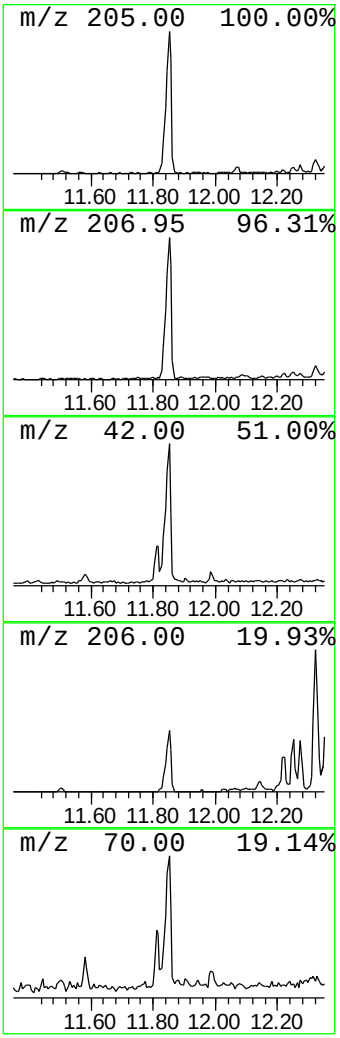
****

Peak Number 13 Bromacil Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	10.69 ng	437103	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil	260	C9H13BrN2O2	000314-40-9	89
2	5-Acetamido-2,4-dichlorobenzoic ...	247	C9H7Cl2NO3	050602-49-8	50
3	Imidazole, 4-bromo-1-methyl-5-ni...	205	C4H4BrN3O2	059177-47-8	45
4	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	32
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

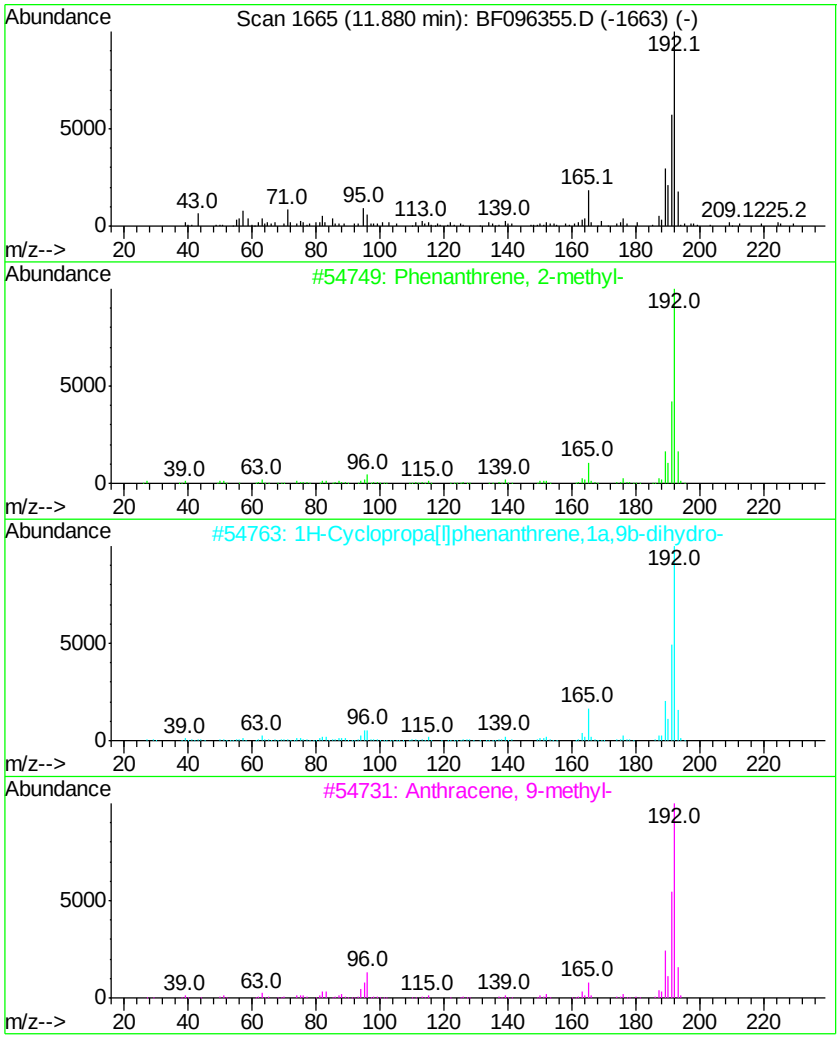
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

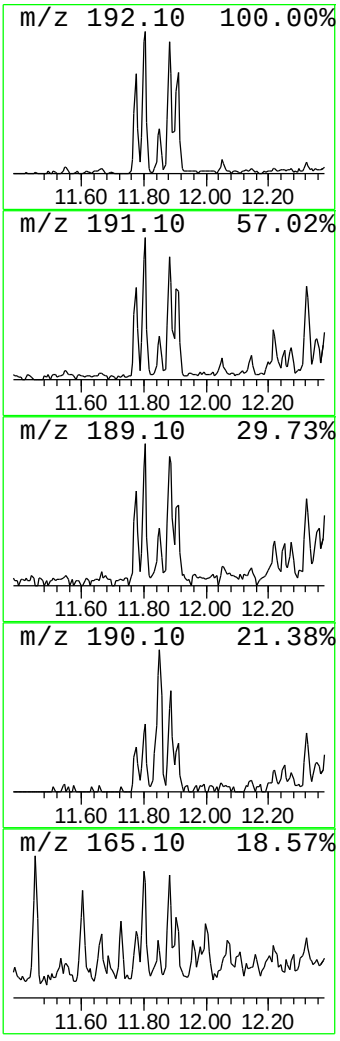
****

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.81 ng	114685	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

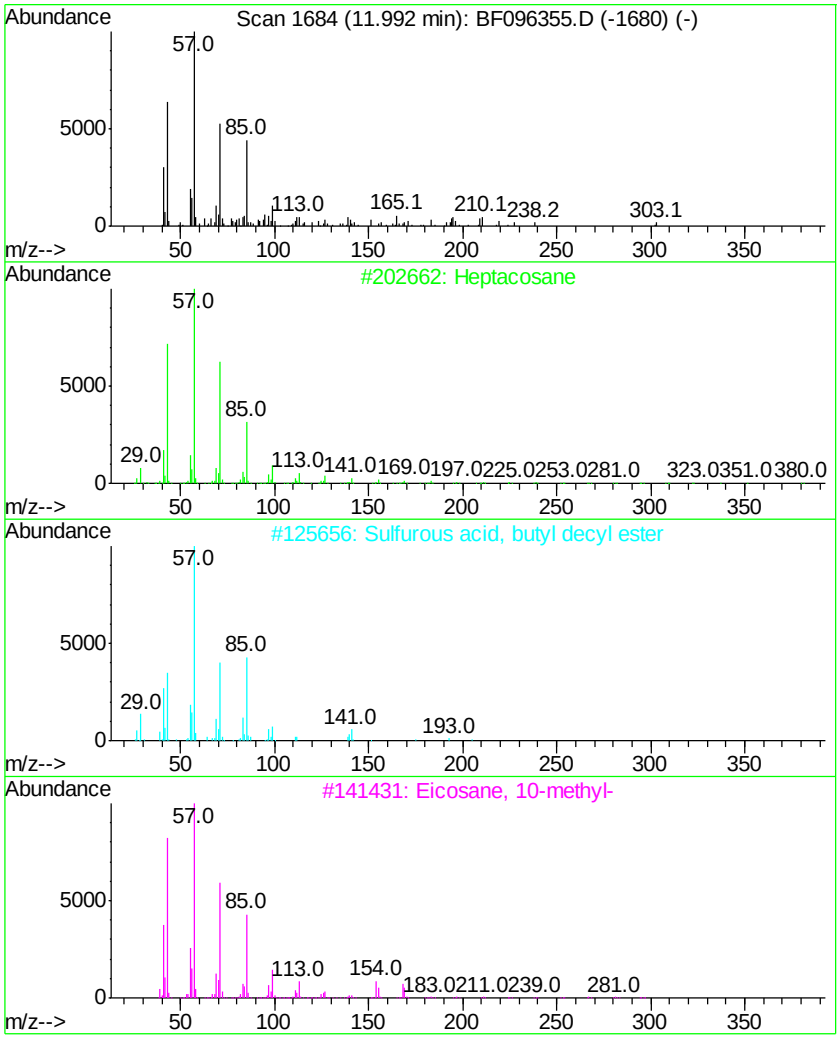
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

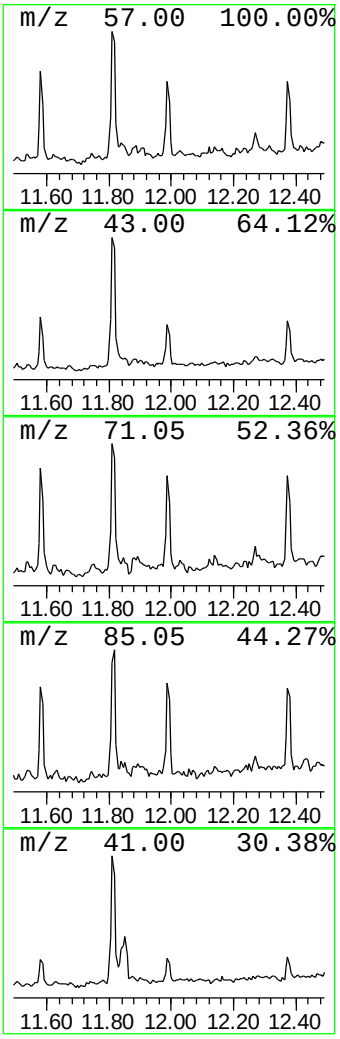
****

Peak Number 15 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.59 ng	105975	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Heneicosane	296	C21H44	000629-94-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

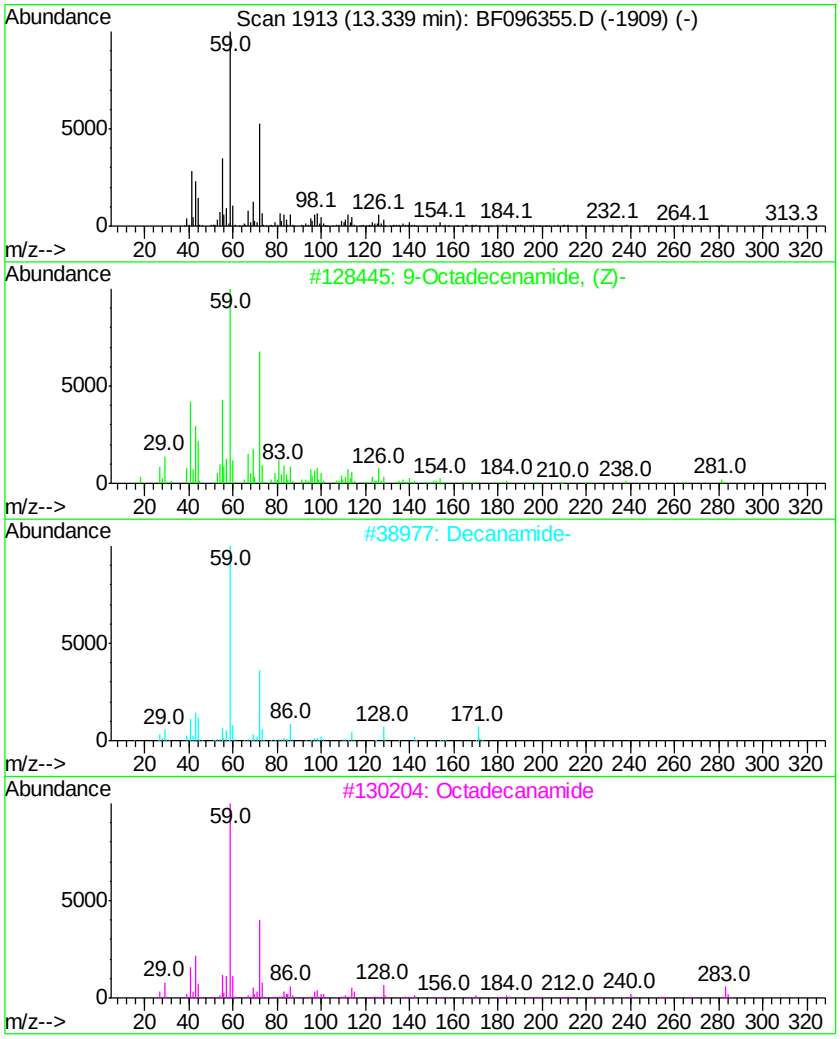
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

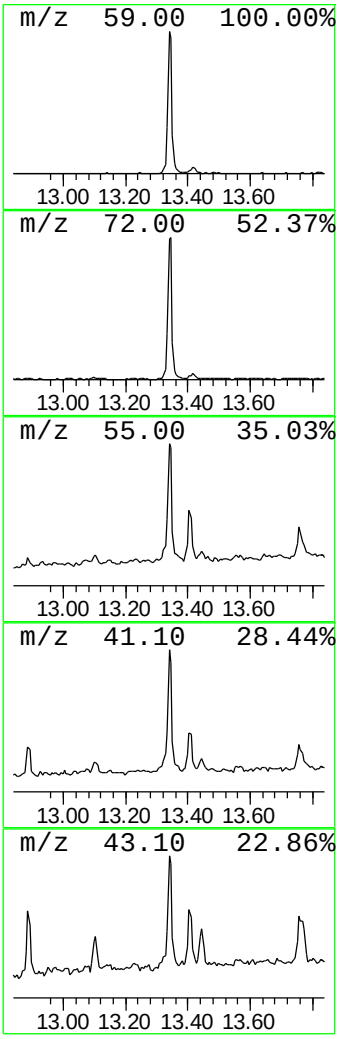
****

Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	13.63 ng	836516	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	Decanamide-	171	C10H21NO	002319-29-1	72
3	Octadecanamide	283	C18H37NO	000124-26-5	56
4	7-Nonenamide	155	C9H17NO	090949-53-4	56
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

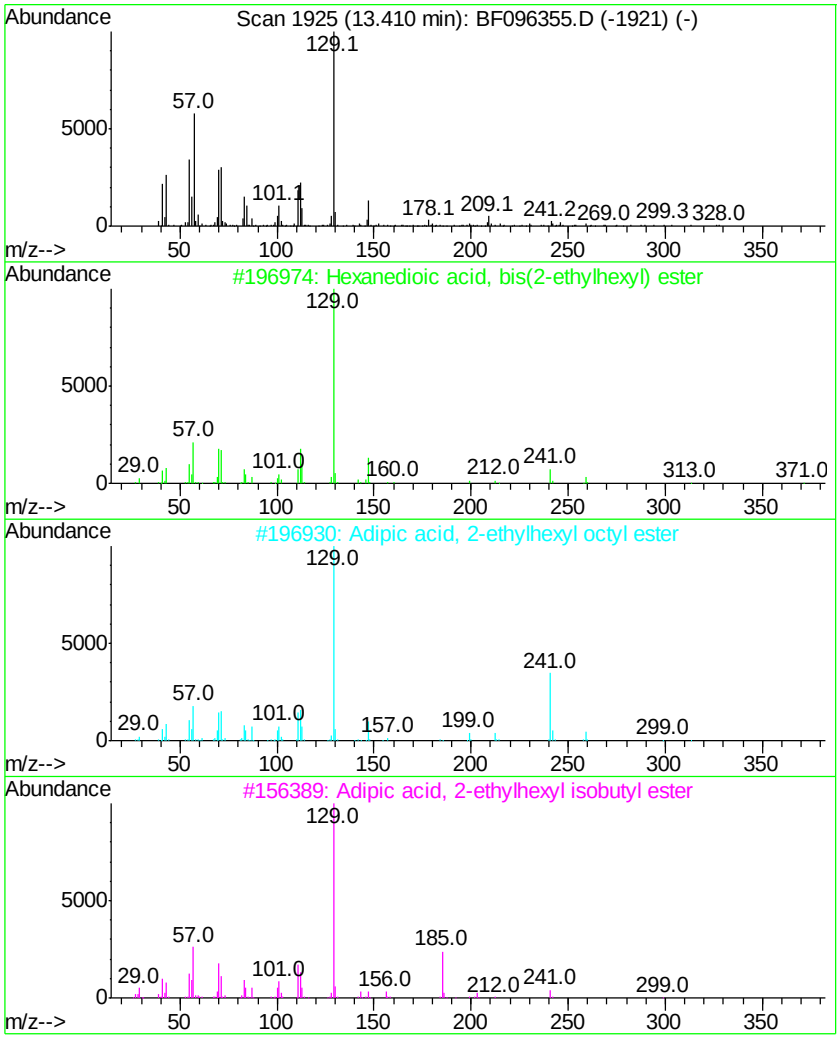
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

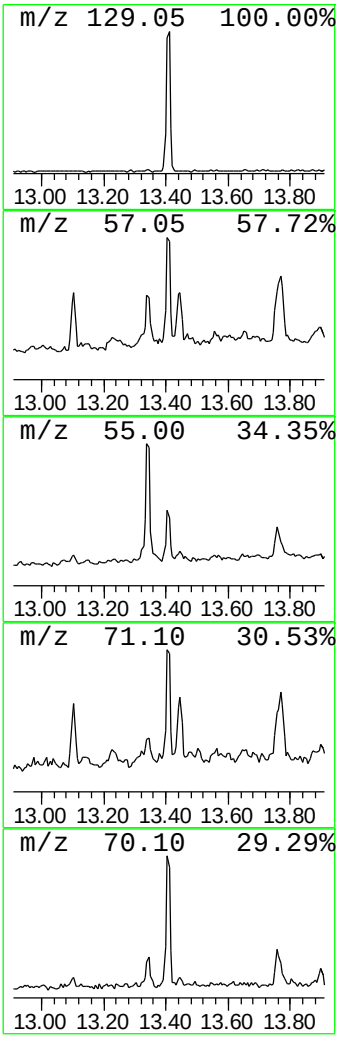
****

Peak Number 18 Hexanedioic acid, bis(2-eth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	5.75 ng	352955	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	80
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	72
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	62
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

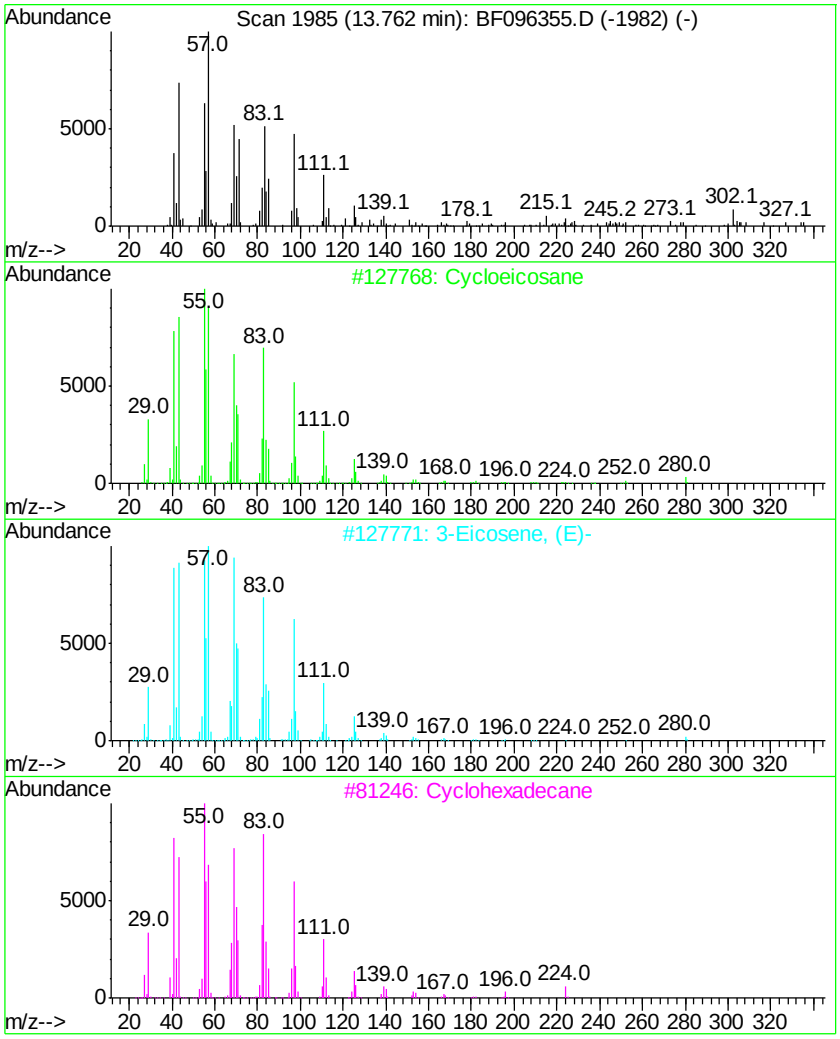
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

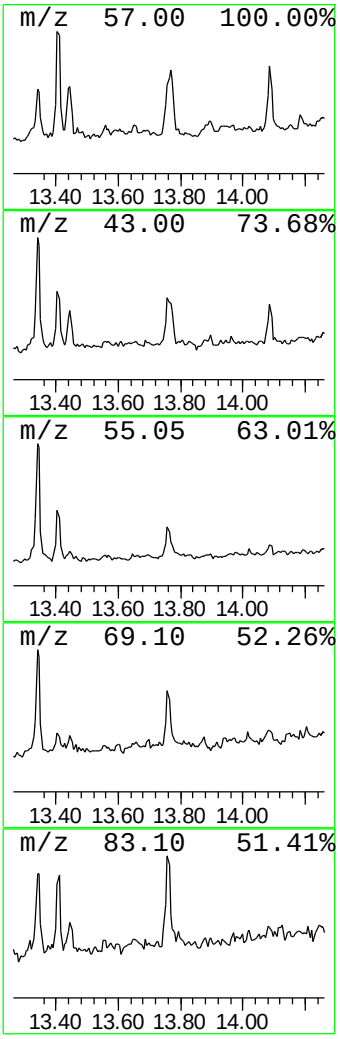
****

Peak Number 19 Cycloeicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.69 ng	226635	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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

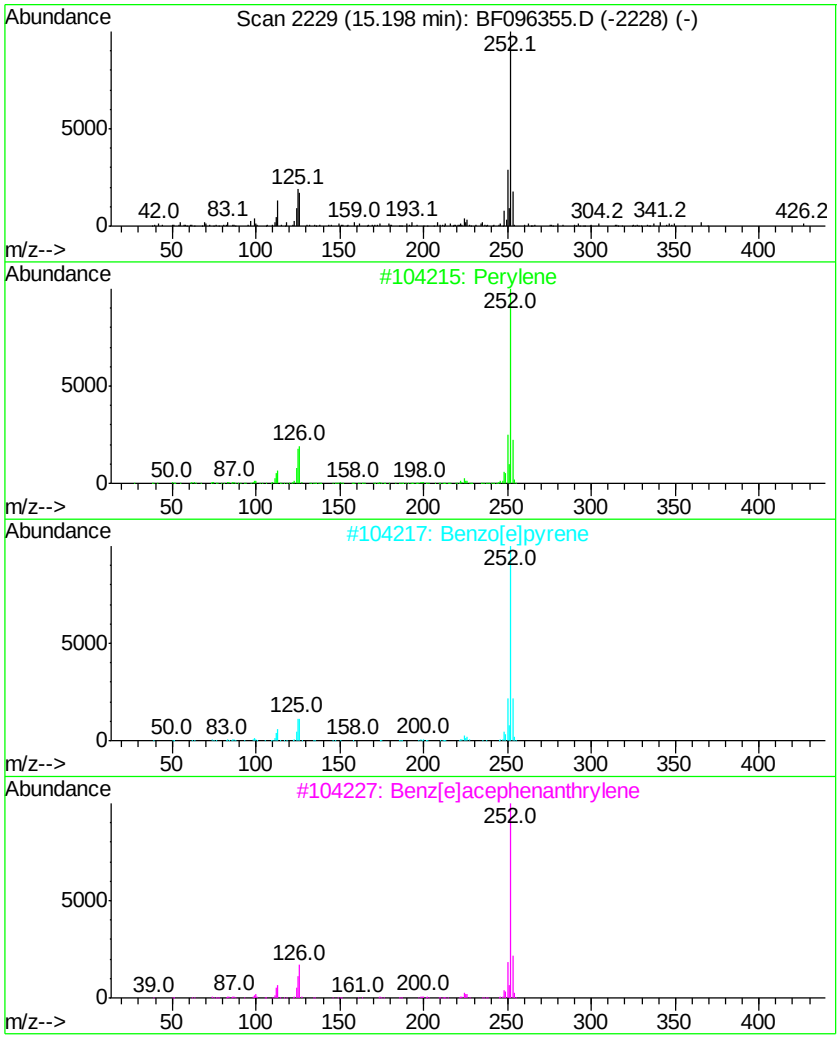
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

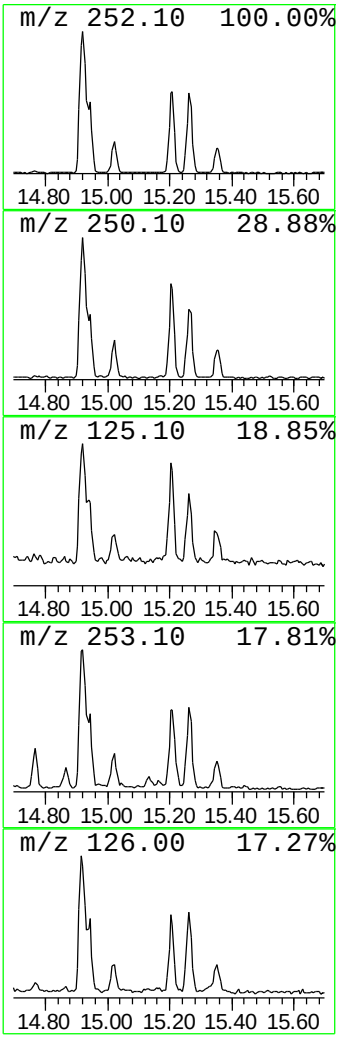
****

Peak Number 20 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	9.93 ng	252659	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096355.D
Acq On : 1 Jul 2017 00:03
Operator : SJ/MA
Sample : I3930-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B2-2-4

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
Hexanal	4.39	4.3	ng	200373	1	6.76	923551	20.0
2-Pentanone, 4-hy...	4.96	12.9	ng	594193	1	6.76	923551	20.0
unknown6.53	6.53	68.6	ng	3166420	1	6.76	923551	20.0
Naphthalene, 1-me...	8.85	2.6	ng	168199	2	8.04	1296140	20.0
Hexadecane	9.21	2.8	ng	147496	3	9.79	1043390	20.0
Naphthalene, 1,6-...	9.45	3.1	ng	160838	3	9.79	1043390	20.0
Tridecane	10.71	5.2	ng	212536	4	11.27	817578	20.0
Pentadecane	11.16	3.5	ng	141708	4	11.27	817578	20.0
n-Hexadecanoic acid	11.81	13.4	ng	546854	4	11.27	817578	20.0
Bromacil	11.85	10.7	ng	437103	4	11.27	817578	20.0
Phenanthrene, 2-m...	11.88	2.8	ng	114685	4	11.27	817578	20.0
Heptacosane	11.99	2.6	ng	105975	4	11.27	817578	20.0
9-Octadecenamide,...	13.34	13.6	ng	836516	5	13.90	1227890	20.0
Hexanedioic acid,...	13.41	5.8	ng	352955	5	13.90	1227890	20.0
Cycloeicosane	13.76	3.7	ng	226635	5	13.90	1227890	20.0
Perylene	15.20	9.9	ng	252659	6	15.33	509085	20.0