LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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	2.816	118	124	130	rVB6	23445	44921	1.65%	0.151%
2	3.763	276	285	289	rBV	36675	63740	2.34%	0.214%
3	4.387	385	391	397	rBV3	28608	51689	1.90%	0.174%
4	4.945	482	486	494	rVB	354045	442789	16.24%	1.488%
5	5.169	516	524	528	rBV	24975	32400	1.19%	0.109%
6	5.340	549	553	554	rBV	72034	63637	2.33%	0.214%
7	5.369	554	558	561	rVB	2846624	2726127	100.00%	9.161%
8	5.598	595	597	606	rVB2	66137	79390	2.91%	0.267%
9	5.675	607	610	613	rBV2	37926	40511	1.49%	0.136%
10	5.922	648	652	657	rVB2	46823	50740	1.86%	0.171%
11	6.016	665	668	675	rVB2	43523	53890	1.98%	0.181%
12	6.075	675	678	682	rBV	36805	33437	1.23%	0.112%
13	6.222	697	703	706	rBV4	28107	51725	1.90%	0.174%
14	6.298	712	716	718	rBV3	39426	42968	1.58%	0.144%
15	6.392	727	732	736	rVB	2726903	2663224	97.69%	8.950%
16	6.528	750	755	758	rBV	2866811	2578551	94.59%	8.665%
17	6.587	762	765	767	rBV	70263	62336	2.29%	0.209%
18	6.610	767	769	771	rVB	54016	41518	1.52%	0.140%
19	6.757	791	794	797	rBV	1085005	879100	32.25%	2.954%
20	6.787	797	799	802	rVB2	51739	44706	1.64%	0.150%
21	6.822	802	805	810	rBV3	53226	62917	2.31%	0.211%
22	6.916	817	821	824	rBV	2240686	1903527	69.83%	6.397%
23	7.039	840	842	846	rVB3	32121	32867	1.21%	0.110%
24	7.086	846	850	852	rBV3	49884	56740	2.08%	0.191%
25	7.163	859	863	865	rBV	52496	48654	1.78%	0.164%
26	7.316	881	889	892	rBV	1850039	1608716	59.01%	5.406%
27	7.369	895	898	901	rVV	100194	88072	3.23%	0.296%
28	7.404	901	904	909	rVB5	56584	64036	2.35%	0.215%
29	7.539	921	927	929	rBV5	21483	36444	1.34%	0.122%
30	7.569	929	932	936	rVB4	24354	35882	1.32%	0.121%
31	7.704	951	955	957	rVB4	19509	29200	1.07%	0.098%
32	7.851	977	980	988	rVB5	24515	51244	1.88%	0.172%
33	8.039	1008	1012	1015	rBV	1437456	1234674	45.29%	4.149%
34	8.063	1015	1016	1018	rVB	162958	75268	2.76%	0.253%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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	8.116	1023	1025	1028	rVB	51136	39151	1.44%	0.132%
36	8.428	1075	1078	1081	rBV2	33822	30427	1.12%	0.102%
37	8.481	1083	1087	1090	rVV	94066	88072	3.23%	0.296%
38	8.645	1112	1115	1118	rBV	113442	87597	3.21%	0.294%
39	8.751	1127	1133	1137	rVB	215459	191299	7.02%	0.643%
40	8.851	1147	1150	1153	rVB	165438	127473	4.68%	0.428%
41	9.075	1185	1188	1191	rVB	60598	51751	1.90%	0.174%
42	9.116	1191	1195	1198	rBV	2613097	2235188	81.99%	7.511%
43	9.210	1208	1211	1215	rBV2	156537	141893	5.20%	0.477%
44	9.310	1226	1228	1233	rVB	26813	34876	1.28%	0.117%
45	9.375	1236	1239	1244	rVV	71558	84263	3.09%	0.283%
46	9.451	1250	1252	1255	rBV	104073	91016	3.34%	0.306%
47	9.480	1255	1257	1259	rVV	96859	70964	2.60%	0.238%
48	9.510	1259	1262	1264	rVV	299466	254398	9.33%	0.855%
49	9.527	1264	1265	1268	rVV	65027	48711	1.79%	0.164%
50	9.569	1270	1272	1274	rBV	53897	36940	1.36%	0.124%
51	9.651	1282	1286	1289	rBV	72796	62851	2.31%	0.211%
52	9.739	1298	1301	1305	rVB	142424	117857	4.32%	0.396%
53	9.792	1305	1310	1314	rBV2	1117055	1008283	36.99%	3.388%
54	9.904	1324	1329	1332	rBV2	20898	37547	1.38%	0.126%
55	9.998	1341	1345	1348	rVB	118223	107850	3.96%	0.362%
56	10.033	1348	1351	1353	rBV2	39479	36809	1.35%	0.124%
57	10.069	1353	1357	1360	rVV3	45668	60970	2.24%	0.205%
58	10.110	1362	1364	1367	rVV	40730	37542	1.38%	0.126%
59	10.204	1376	1380	1383	rVV3	54769	76740	2.81%	0.258%
60	10.233	1383	1385	1388	rVB	130149	112510	4.13%	0.378%
61	10.333	1399	1402	1404	rBV2	73991	55421	2.03%	0.186%
62	10.457	1419	1423	1425	rBV2	67363	64245	2.36%	0.216%
63	10.498	1426	1430	1435	rVB2	43746	61382	2.25%	0.206%
64	10.574	1439	1443	1447	rBV	1348107	1241846	45.55%	4.173%
65	10.622	1447	1451	1454	rVB4	30098	39997	1.47%	0.134%
66	10.710	1462	1466	1467	rBV	180209	178083	6.53%	0.598%
67	11.016	1516	1518	1520	rBV2	35108	33923	1.24%	0.114%
68	11.074	1526	1528	1533	rVB3	54935	64922	2.38%	0.218%
69	11.127	1533	1537	1539	rBV4	41651	64275	2.36%	0.216%
70	11.157	1539	1542	1545	rVV2	135371	143002	5.25%	0.481%
71	11.186	1545	1547	1553	rVB	51626	51507	1.89%	0.173%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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	11.274	1558	1562	1564	rBV	903037	852767	31.28%	2.866%
73	11.292	1564	1565	1569	rVV	294773	217340	7.97%	0.730%
74	11.345	1571	1574	1577	rVB	100068	85800	3.15%	0.288%
75	11.386	1578	1581	1585	rBV5	28467	37603	1.38%	0.126%
76	11.498	1598	1600	1604	rBV2	38512	47189	1.73%	0.159%
77	11.580	1611	1614	1617	rBV	96036	92847	3.41%	0.312%
78	11.774	1644	1647	1649	rBV	67630	56725	2.08%	0.191%
79	11.804	1649	1652	1657	rVV2	281517	316565	11.61%	1.064%
80	11.845	1657	1659	1662	rVV2	39239	36019	1.32%	0.121%
81	11.880	1662	1665	1668	rVV	103189	121680	4.46%	0.409%
82	11.904	1668	1669	1675	rVB	60790	49432	1.81%	0.166%
83	11.986	1681	1683	1686	rVB	80984	59518	2.18%	0.200%
84	12.069	1694	1697	1699	rBV	69803	60667	2.23%	0.204%
85	12.321	1737	1740	1743	rBV2	90869	92638	3.40%	0.311%
86	12.374	1747	1749	1752	rVV2	112888	99277	3.64%	0.334%
87	12.404	1752	1754	1759	rVB2	58004	62073	2.28%	0.209%
88	12.480	1764	1767	1771	rBV	452905	392441	14.40%	1.319%
89	12.592	1784	1786	1791	rBV5	65514	77492	2.84%	0.260%
90	12.692	1798	1803	1804	rBV2	209930	260052	9.54%	0.874%
91	12.710	1804	1806	1809	rVB	312102	252599	9.27%	0.849%
92	12.745	1810	1812	1815	rBV2	51985	49500	1.82%	0.166%
93	12.857	1827	1831	1834	rBV	1906688	1690360	62.01%	5.680%
94	13.104	1870	1873	1876	rBV	104154	85387	3.13%	0.287%
95	13.339	1911	1913	1918	rVB	139717	140280	5.15%	0.471%
96	13.392	1920	1922	1928	rBV4	130071	223218	8.19%	0.750%
97	13.445	1928	1931	1936	rVB2	113913	122821	4.51%	0.413%
98	13.757	1982	1984	1991	rVB2	174845	223664	8.20%	0.752%
99	13.904	2005	2009	2012	rBV2	836596	928023	34.04%	3.119%
100	15.327	2248	2251	2255	rVB	350134	376333	13.80%	1.265%

Sum of corrected areas: 29757531

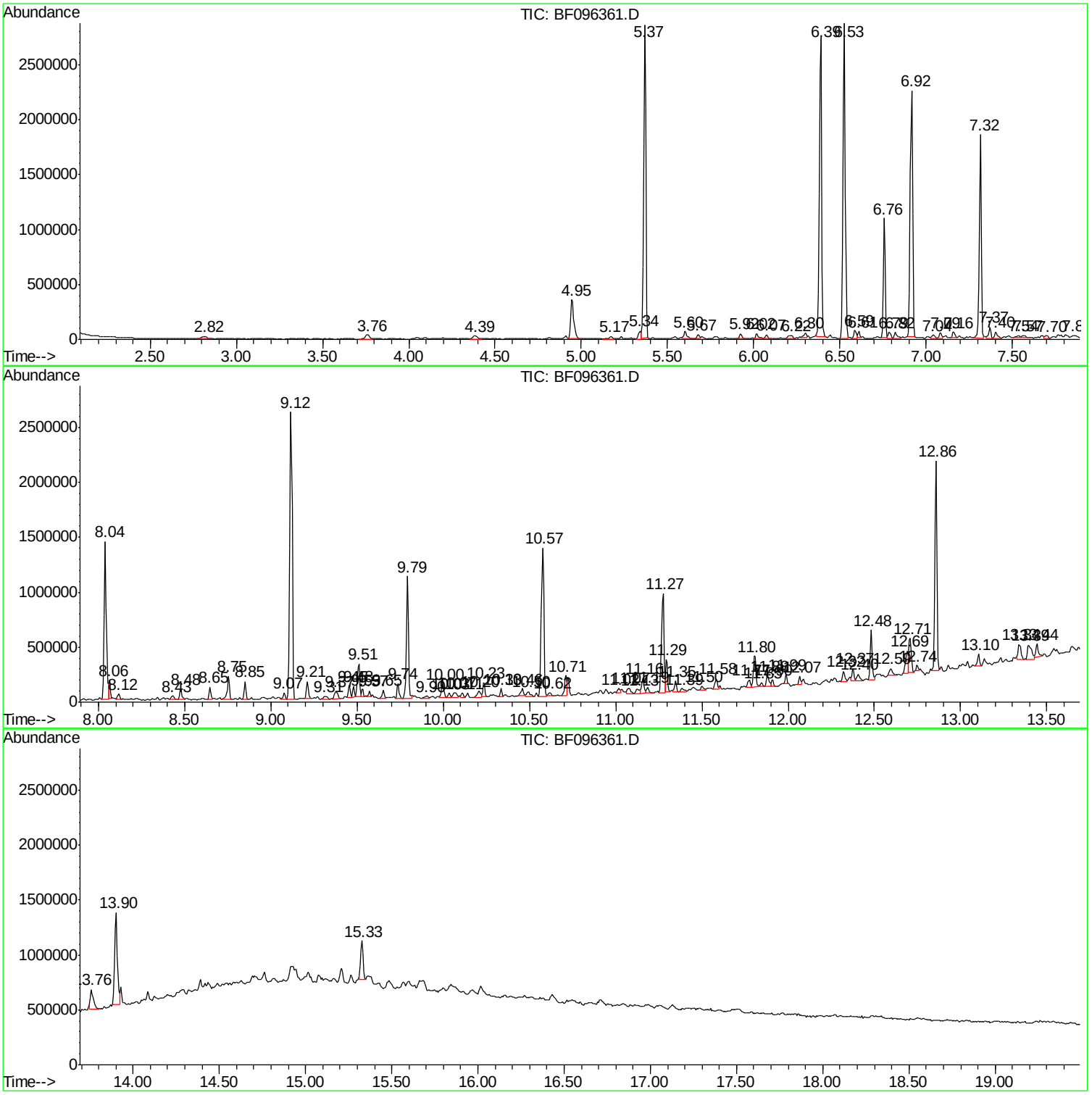
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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 : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

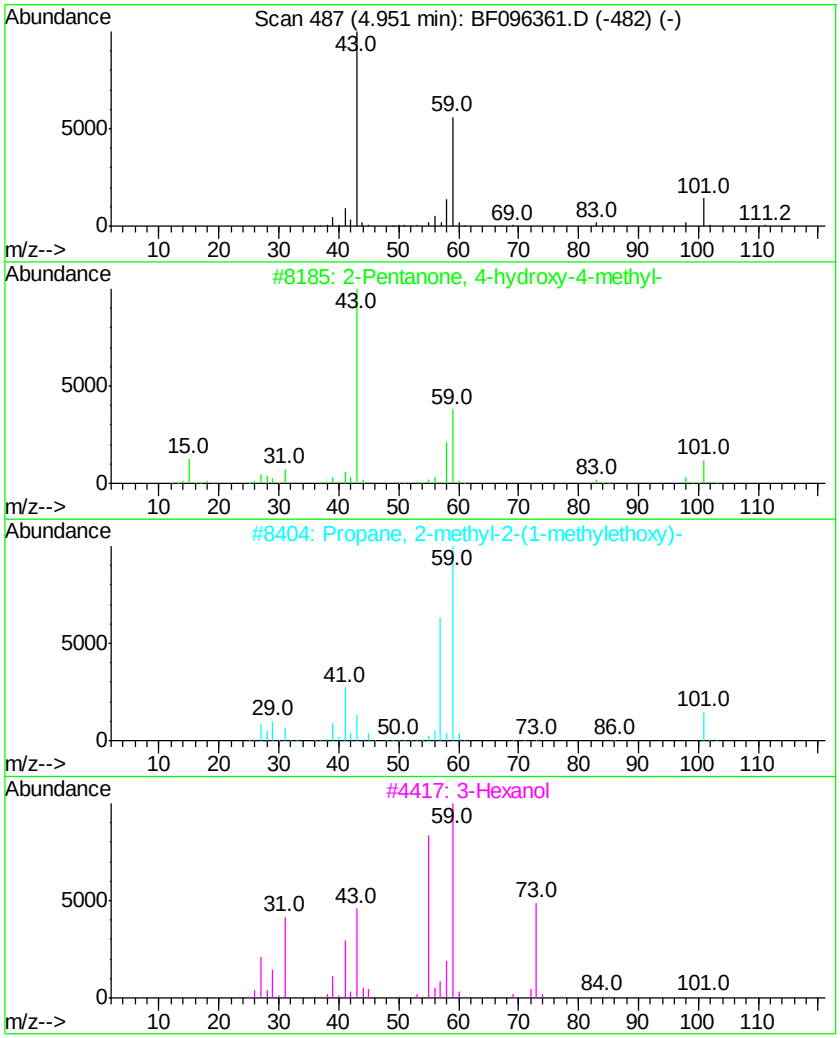
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

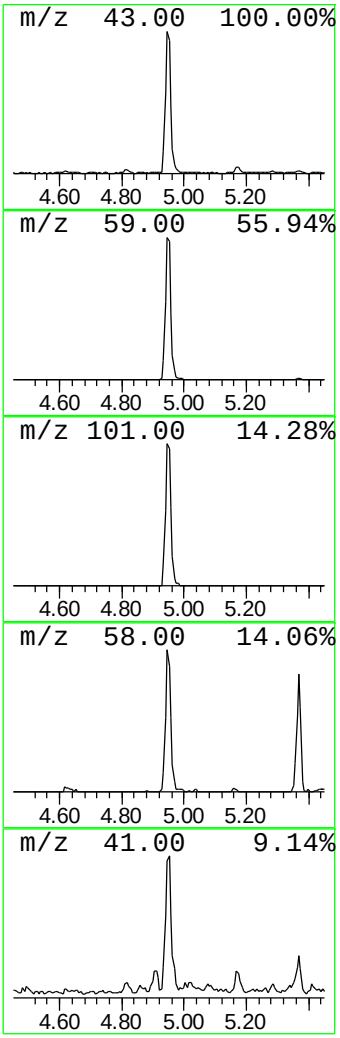
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	10.07 ng	442789	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	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

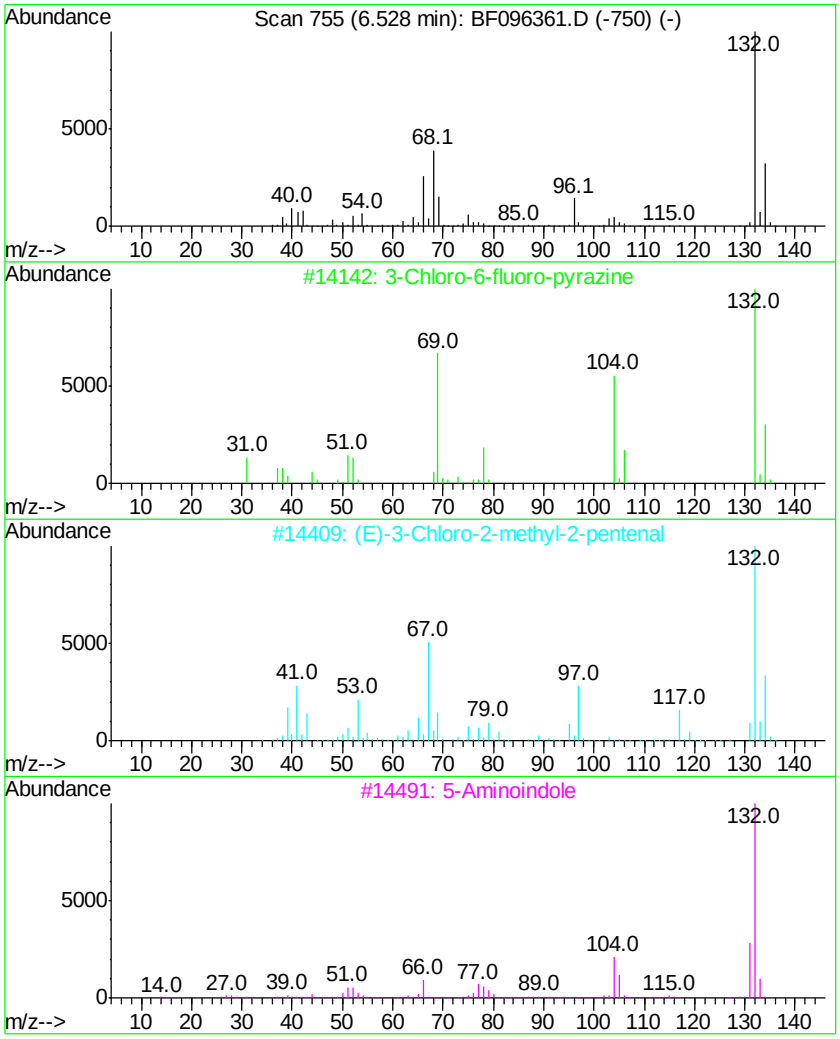
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

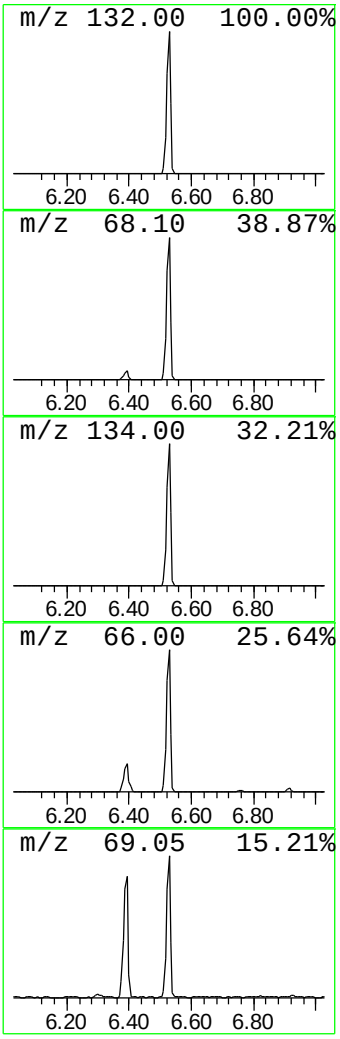
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	58.66 ng	2578550	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

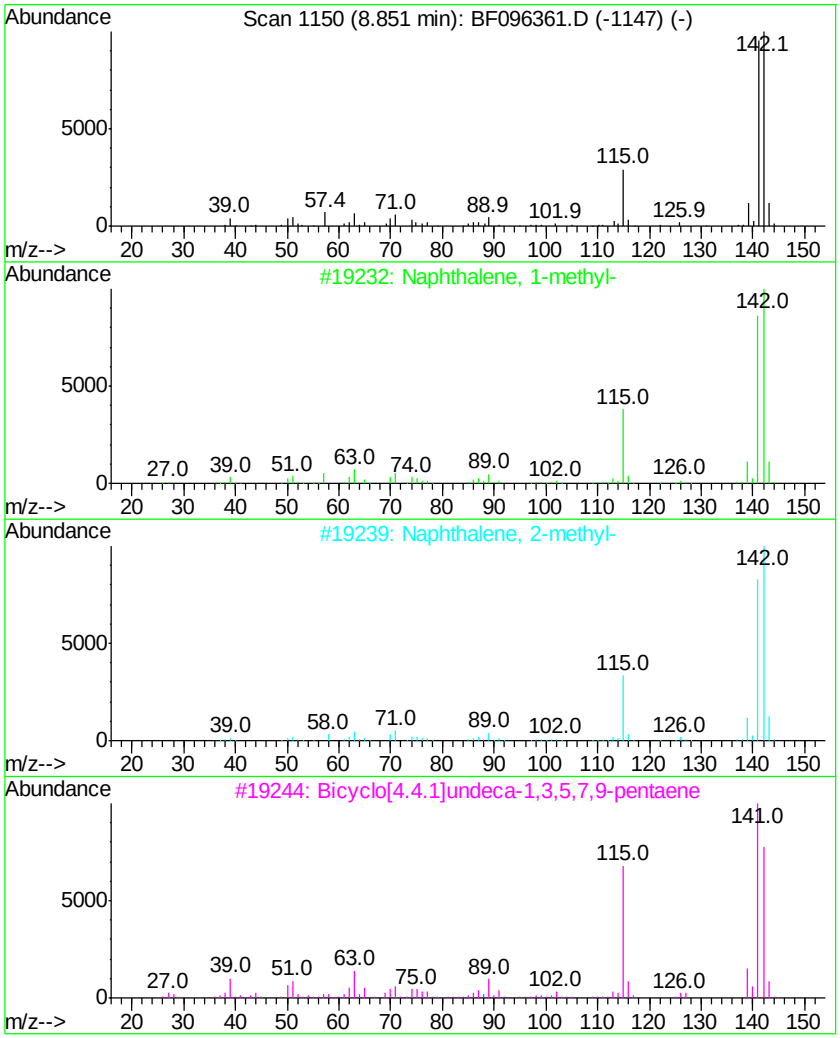
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

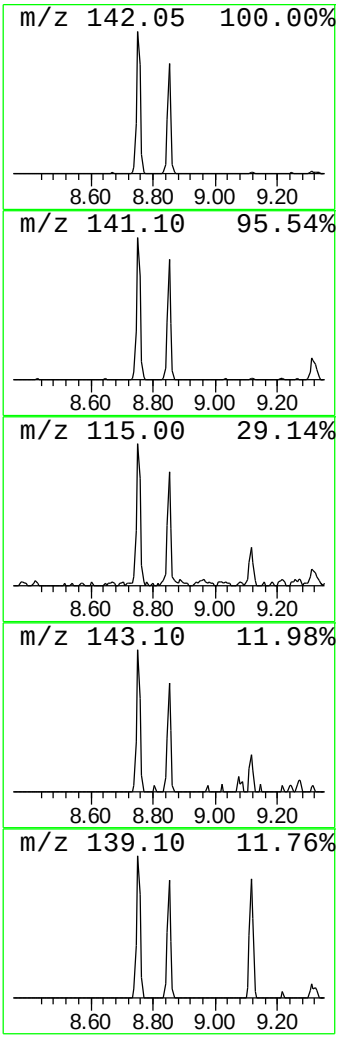
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	2.06 ng	127473	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

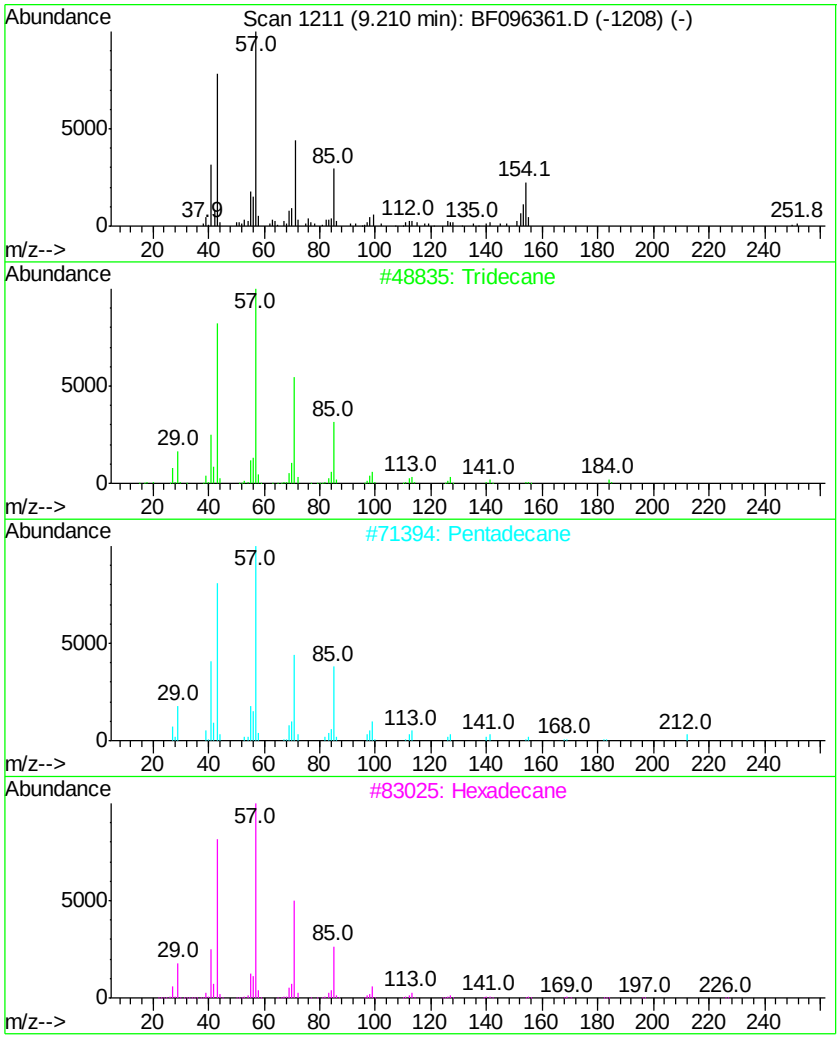
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

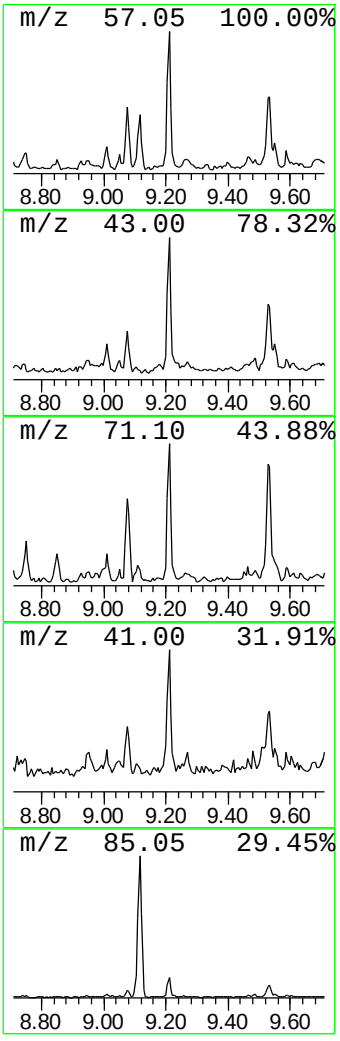
****

Peak Number 5 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	2.81 ng	141893	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	52
2	Pentadecane	212	C15H32	000629-62-9	52
3	Hexadecane	226	C16H34	000544-76-3	52
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5	Tetradecane	198	C14H30	000629-59-4	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

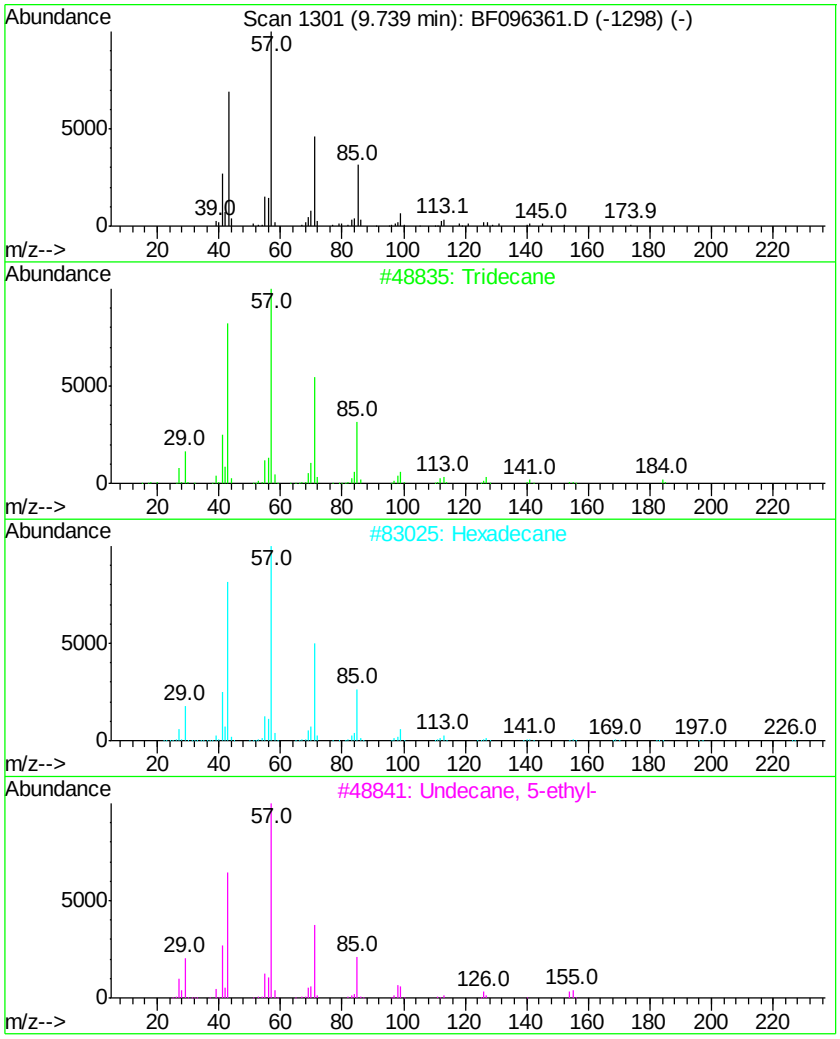
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

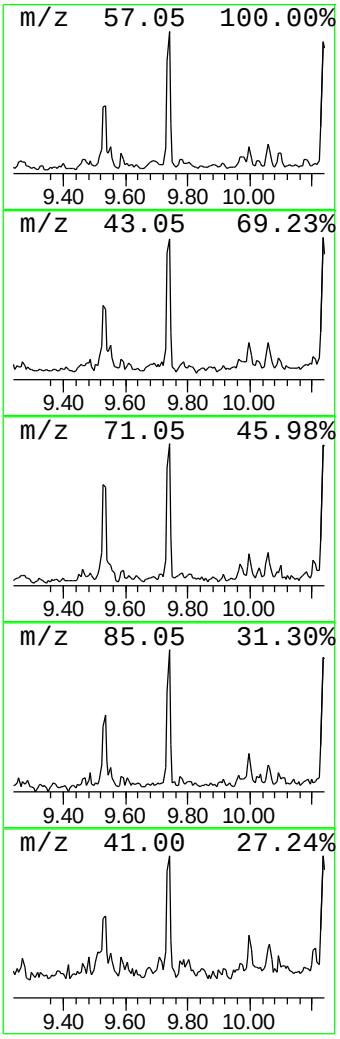
****

Peak Number 6 Decane, 2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	2.34 ng	117857	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
4	Octacosane	394	C28H58	000630-02-4	72
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

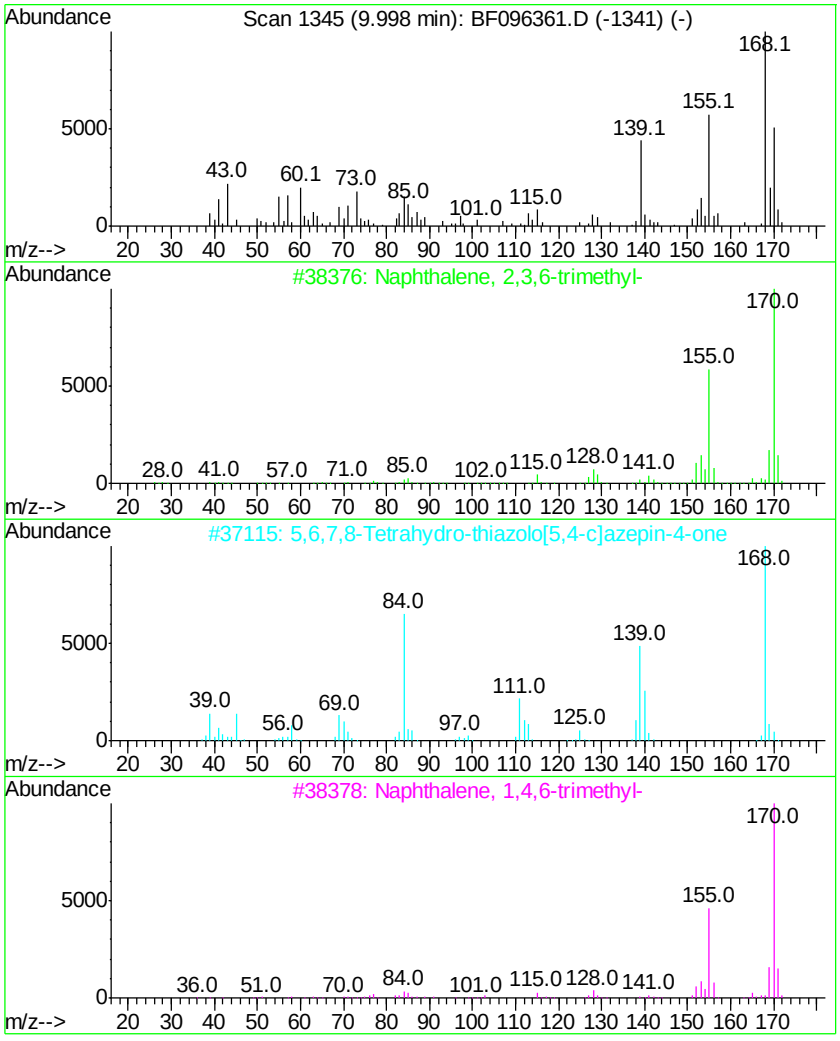
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

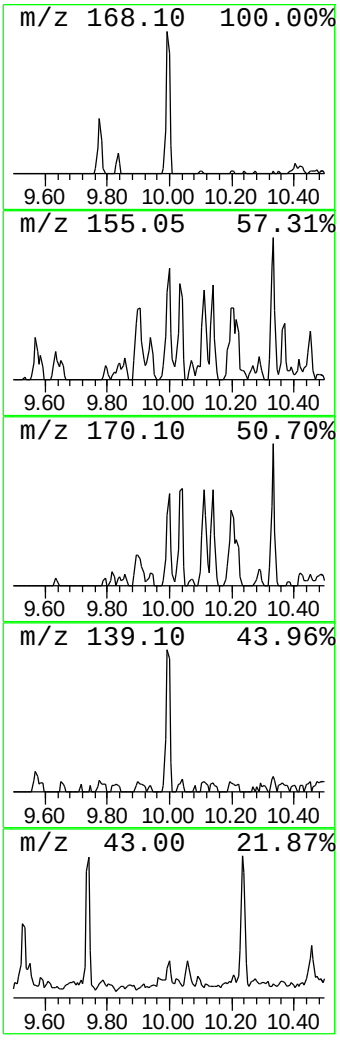
****

Peak Number 7 unknown10.00 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	2.14 ng	107850	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
2	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	38
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38
4	Dibenzofuran	168	C12H8O	000132-64-9	35
5	Zoxazolamine	168	C7H5ClN2O	000061-80-3	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

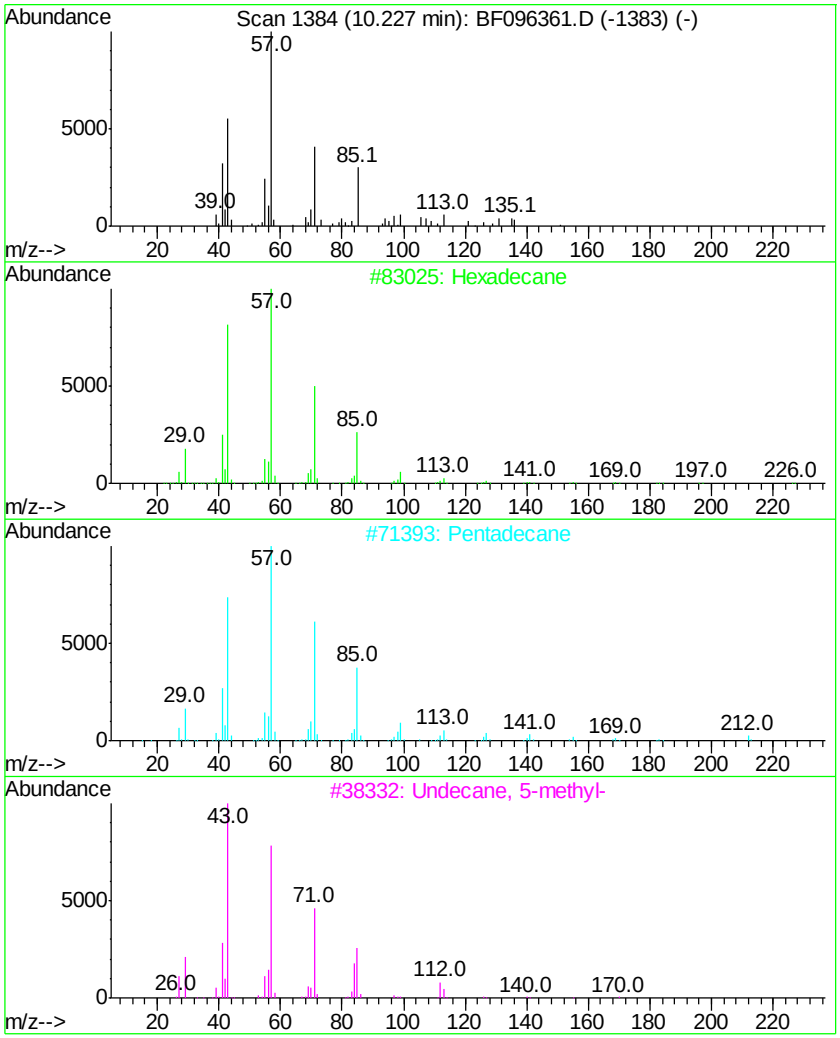
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

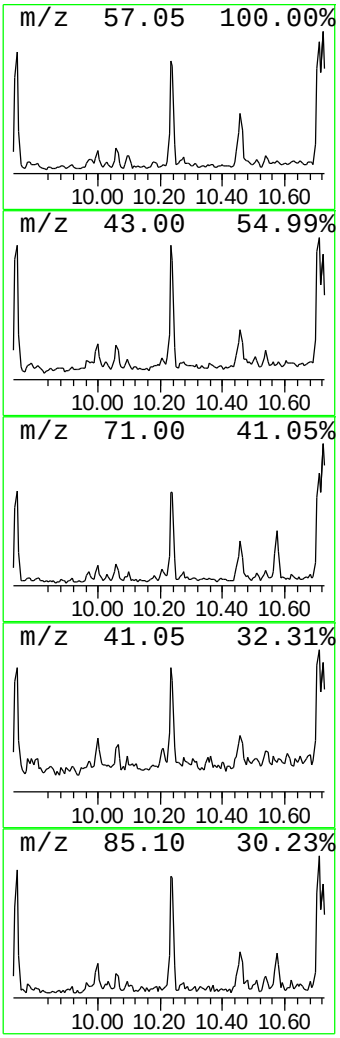
****

Peak Number 8 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	2.23 ng	112510	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Pentadecane	212	C15H32	000629-62-9	78
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

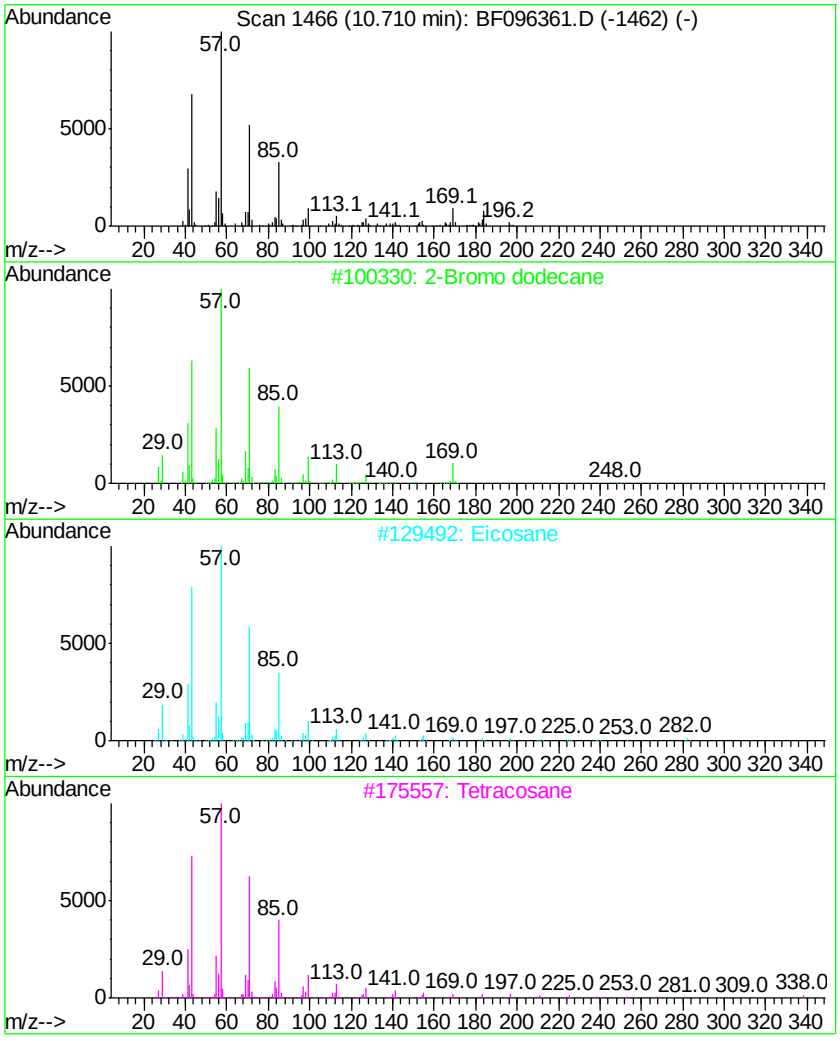
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

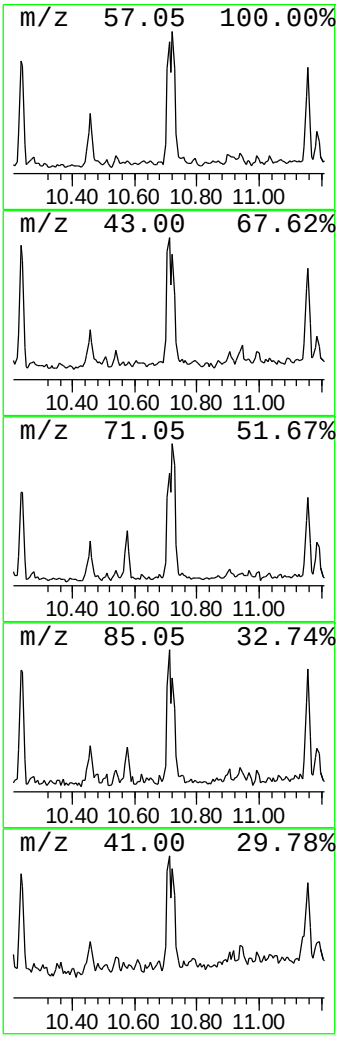
****

Peak Number 9 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	4.18 ng	178083	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2	Eicosane	282	C20H42	000112-95-8	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
5	Dodecane	170	C12H26	000112-40-3	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

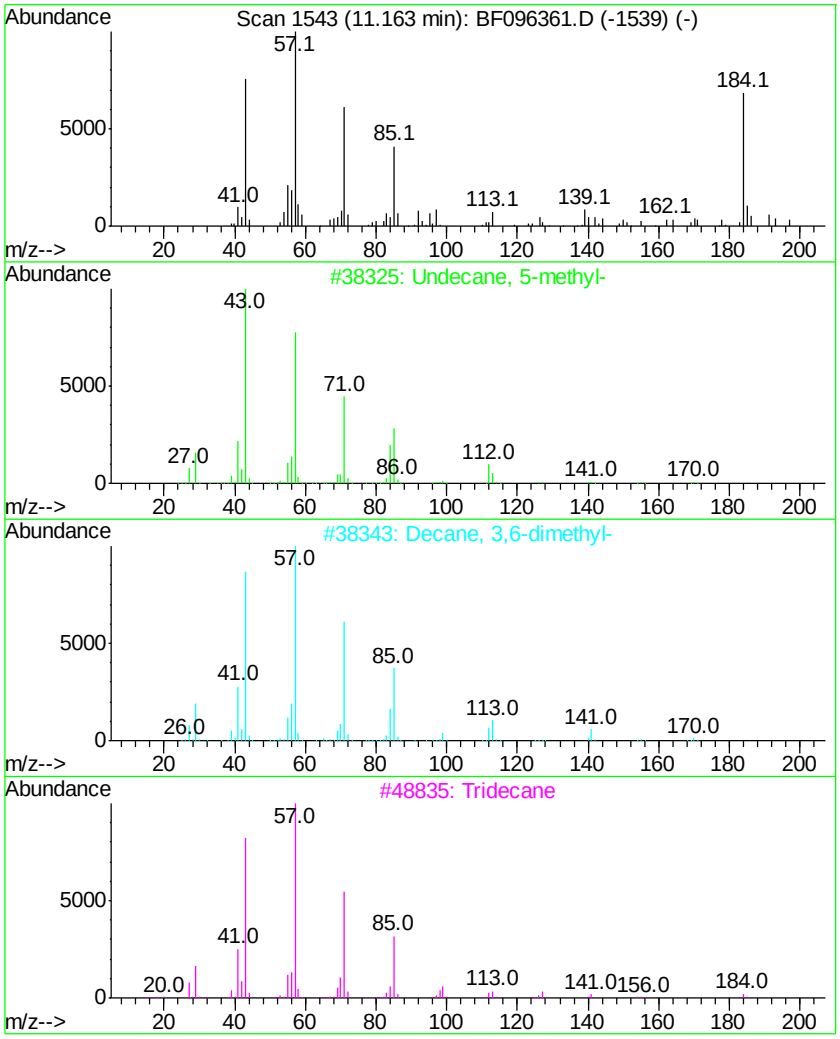
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

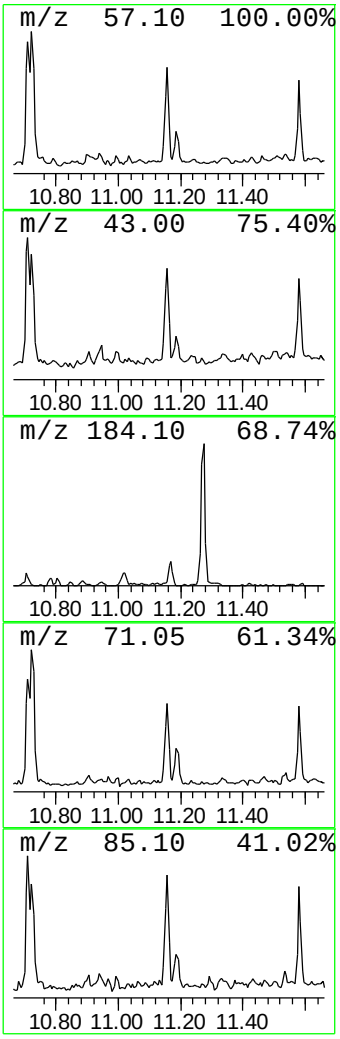
****

Peak Number 10 Undecane, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.35 ng	143002	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
3	Tridecane	184	C13H28	000629-50-5	68
4	5-Ethyldecane	170	C12H26	017302-36-2	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

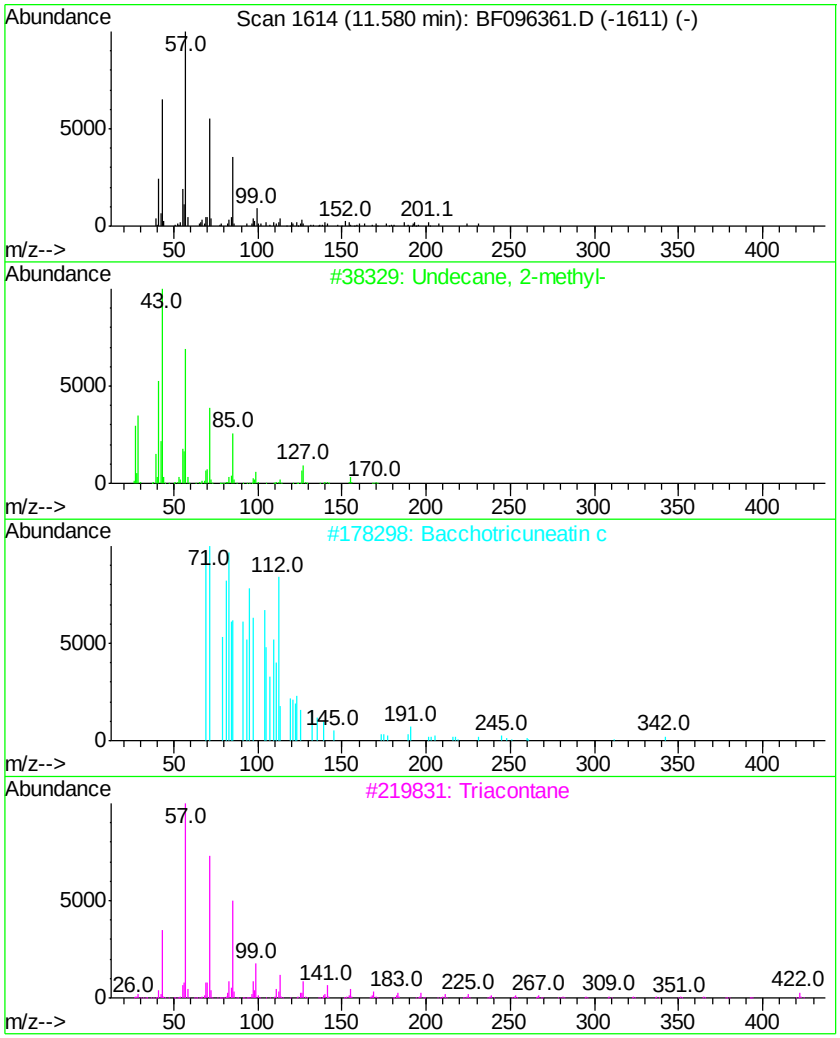
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

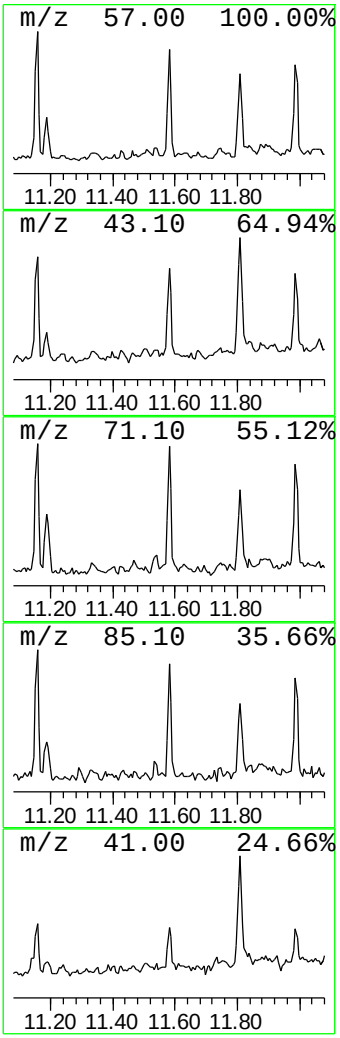
****

Peak Number 12 Undecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.18 ng	92847	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
3	Triacontane	422	C30H62	000638-68-6	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

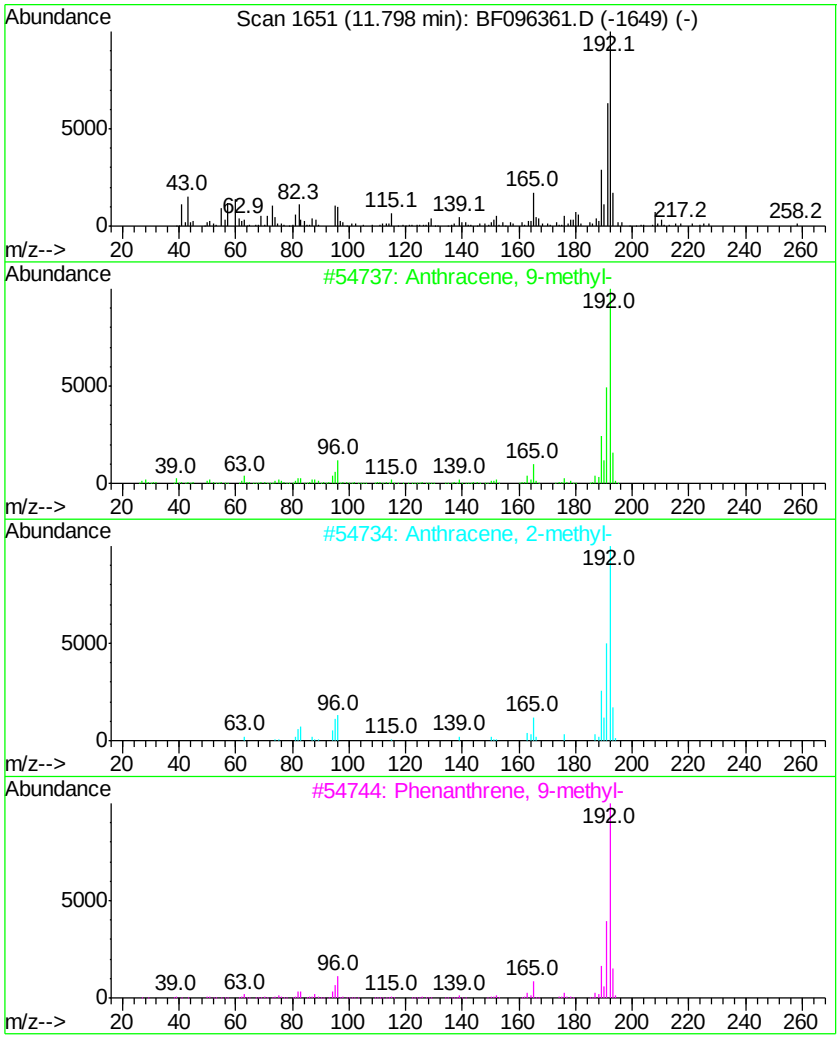
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

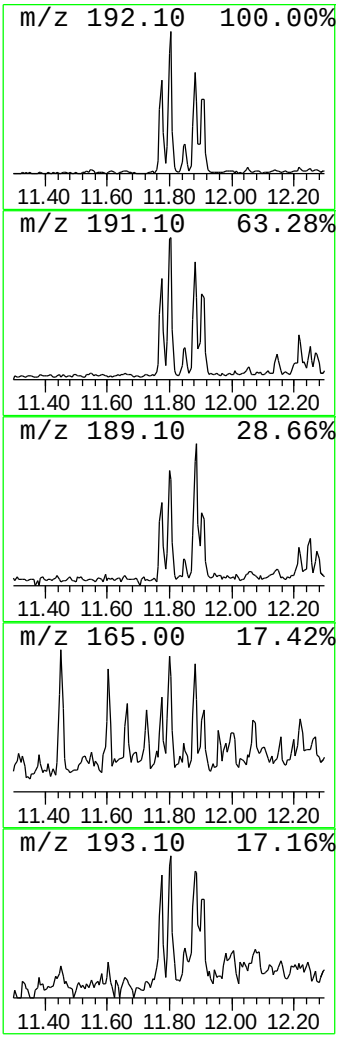
****

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.42 ng	316565	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

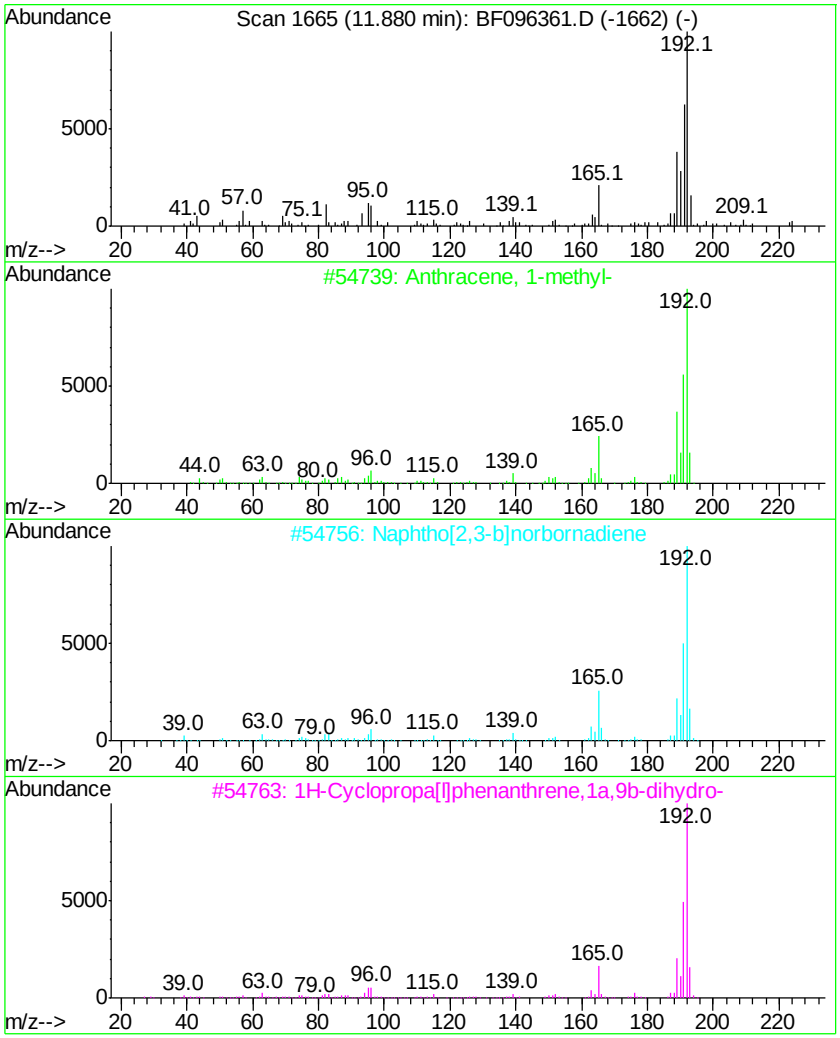
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

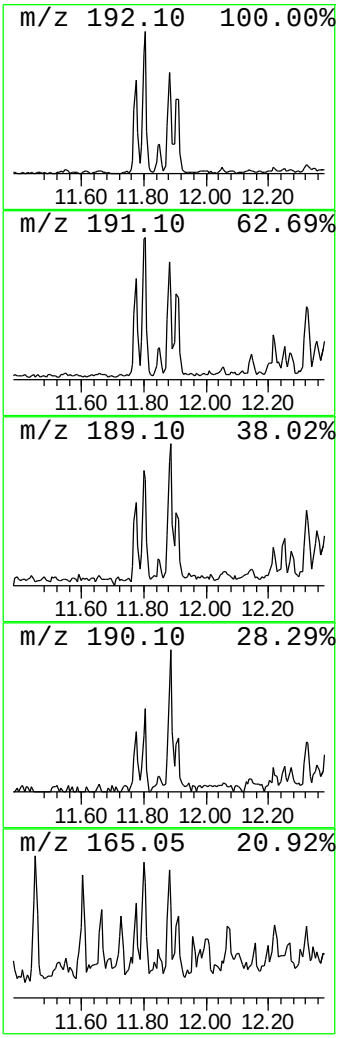
****

Peak Number 14 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.85 ng	121680	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

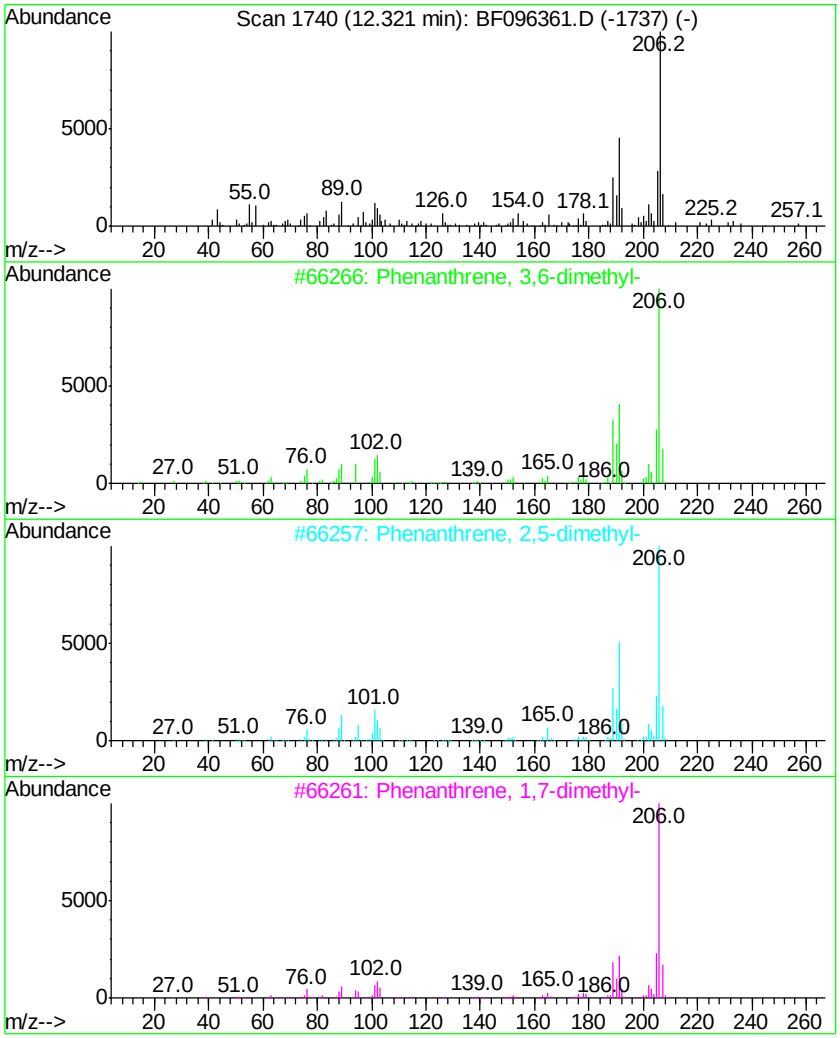
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

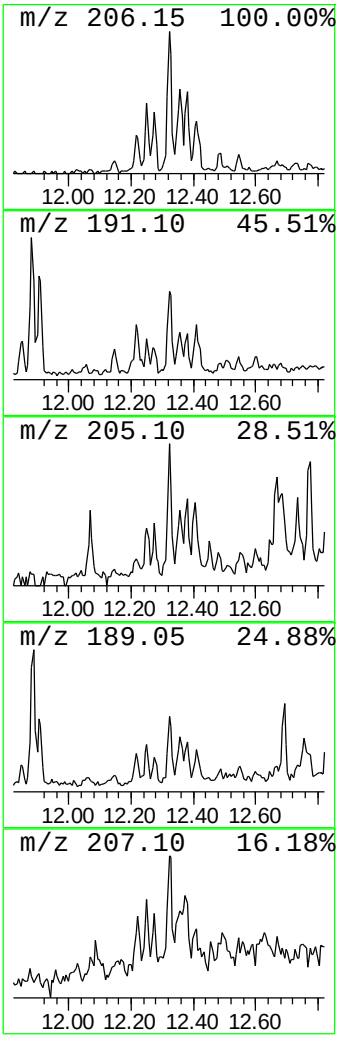
****

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.17 ng	92638	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

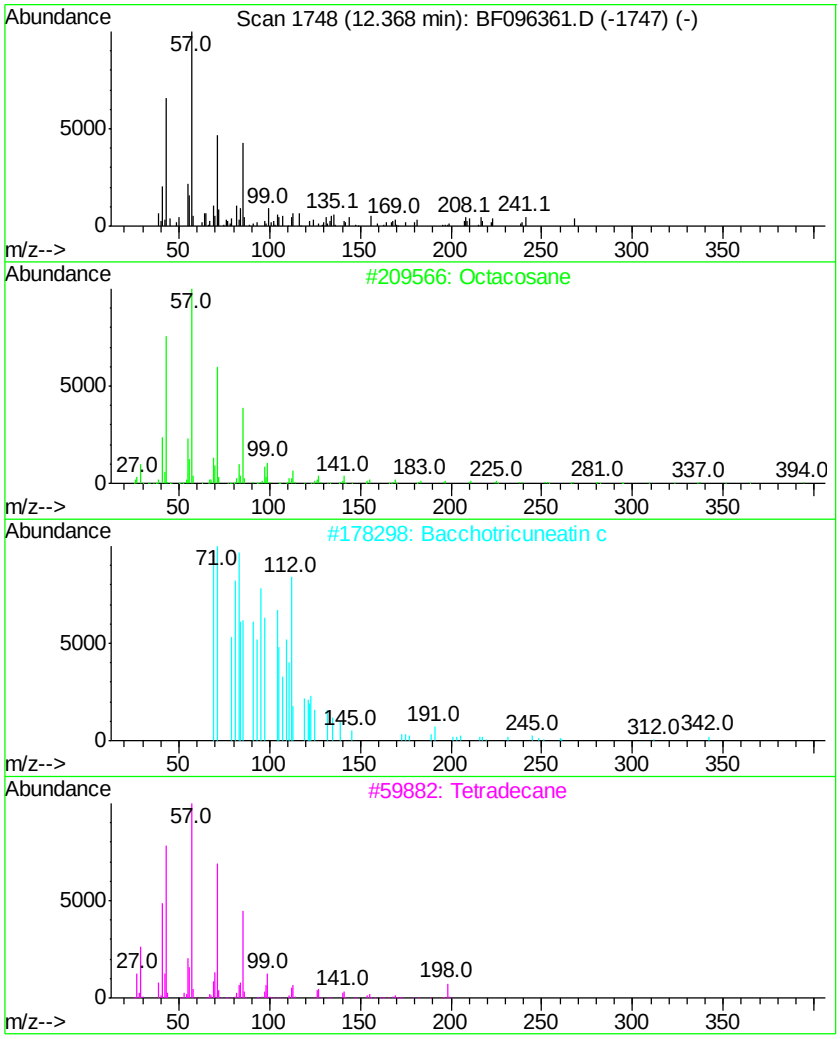
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

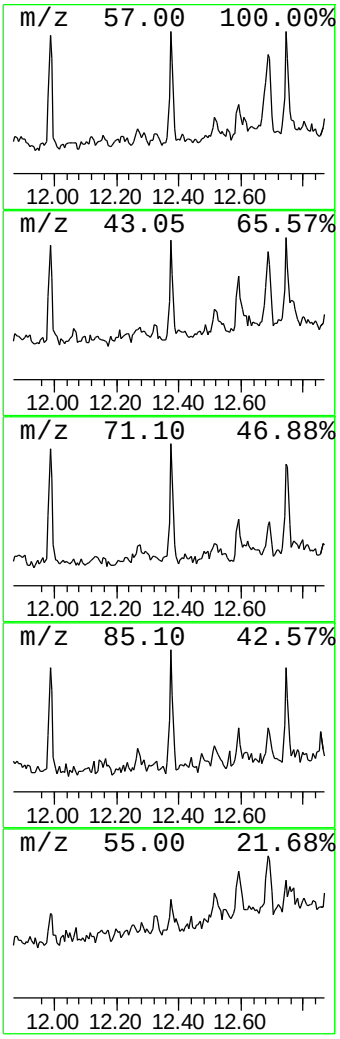
****

Peak Number 16 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.33 ng	99277	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	81
3	Tetradecane	198	C14H30	000629-59-4	80
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
5	Decane, 3-methyl-	156	C11H24	013151-34-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

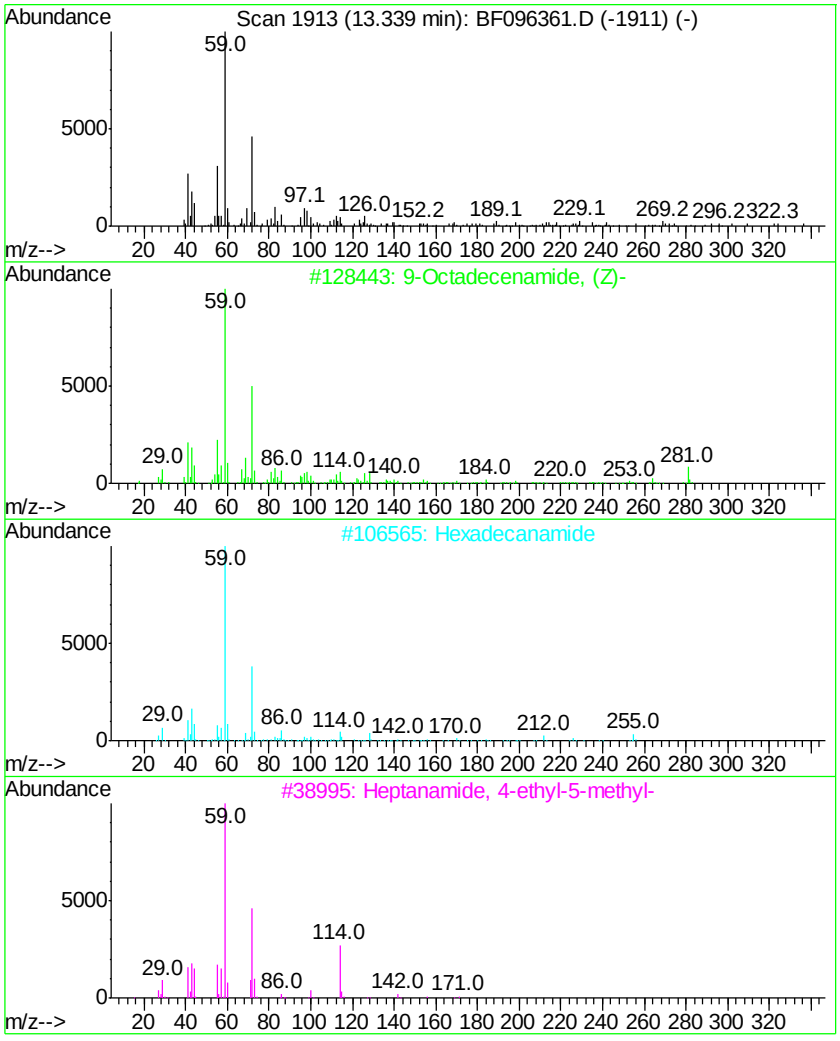
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

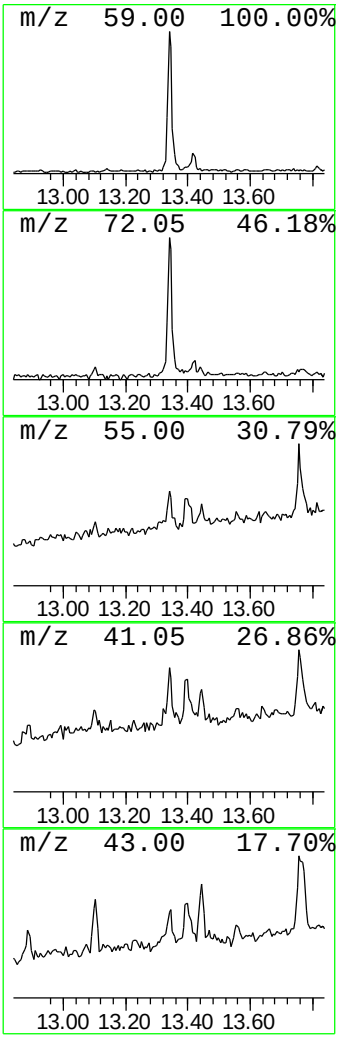
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	3.02 ng	140280	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72
4	Octanamide	143	C8H17NO	000629-01-6	72
5	Tetradecanamide	227	C14H29NO	000638-58-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

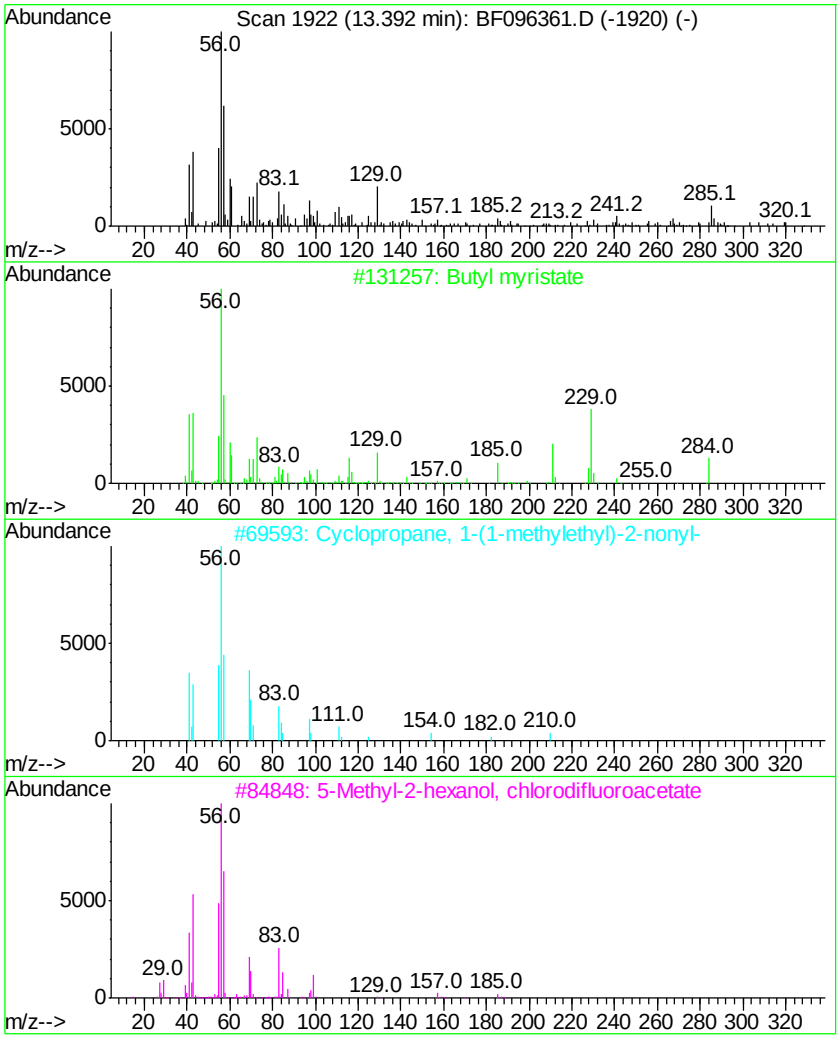
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

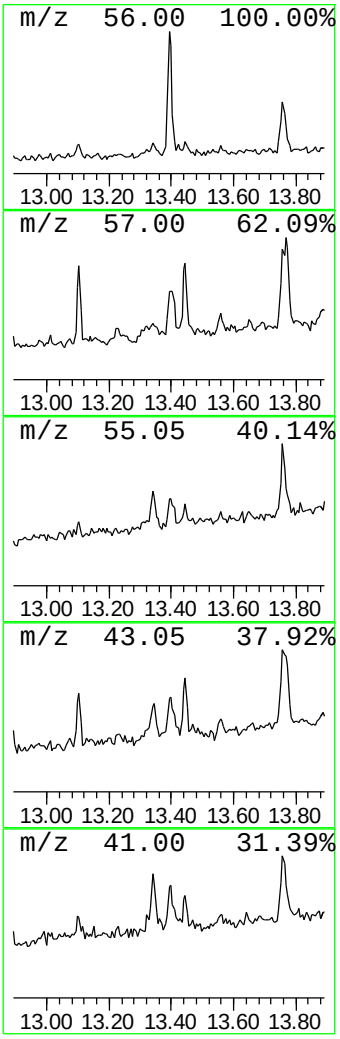
****

Peak Number 18 unknown13.39 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.81 ng	223218	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	45
2	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	38
3	5-Methyl-2-hexanol, chlorodifluo...	228	C9H15ClF2O2	1000376-27-1	35
4	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35
5	2-Methyl-1-tetradecene	210	C15H30	052254-38-3	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

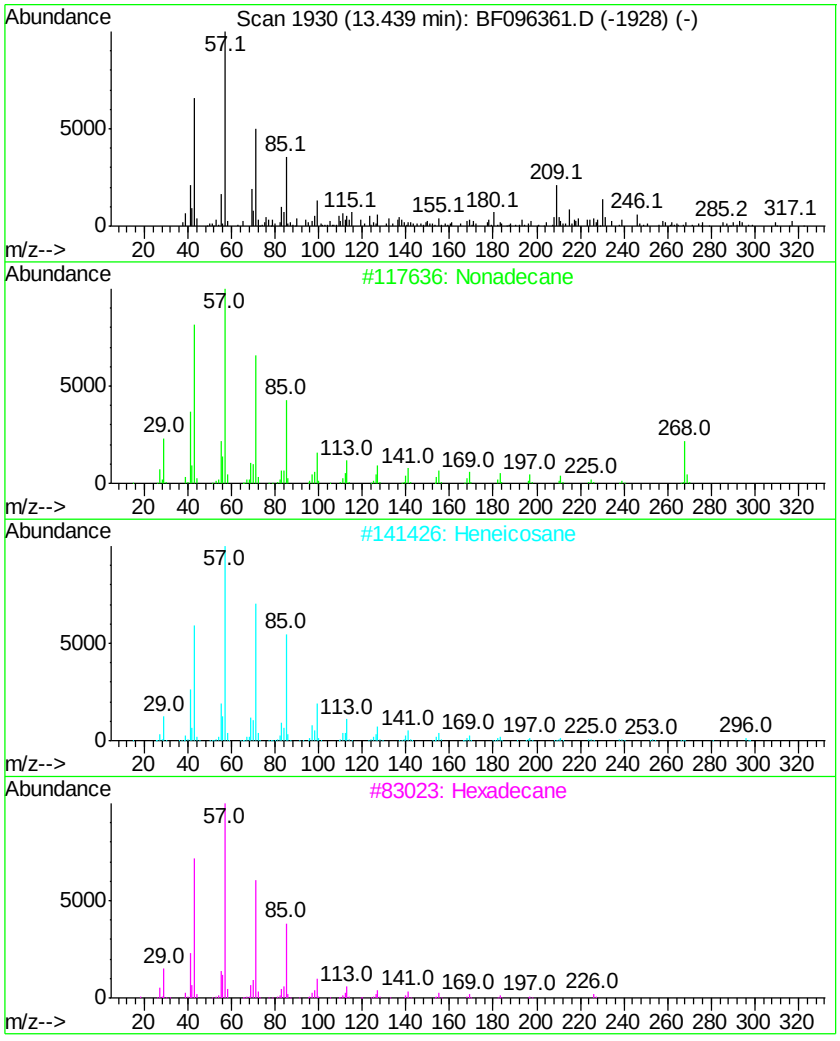
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

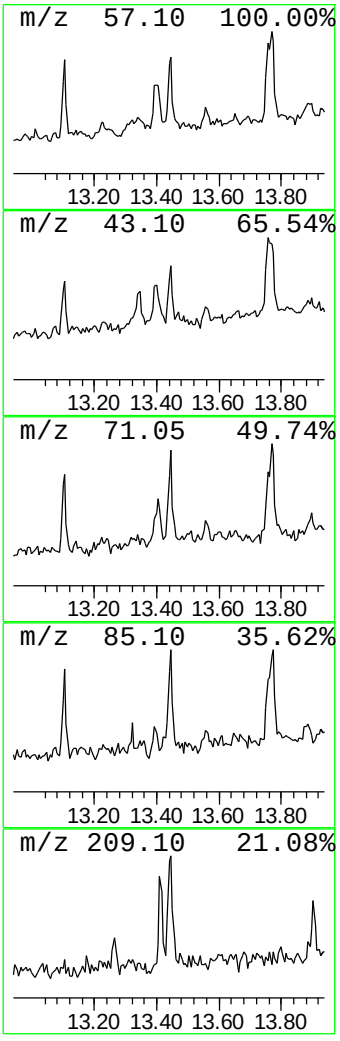
****

Peak Number 19 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.65 ng	122821	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	60
2	Heneicosane	296	C21H44	000629-94-7	60
3	Hexadecane	226	C16H34	000544-76-3	60
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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

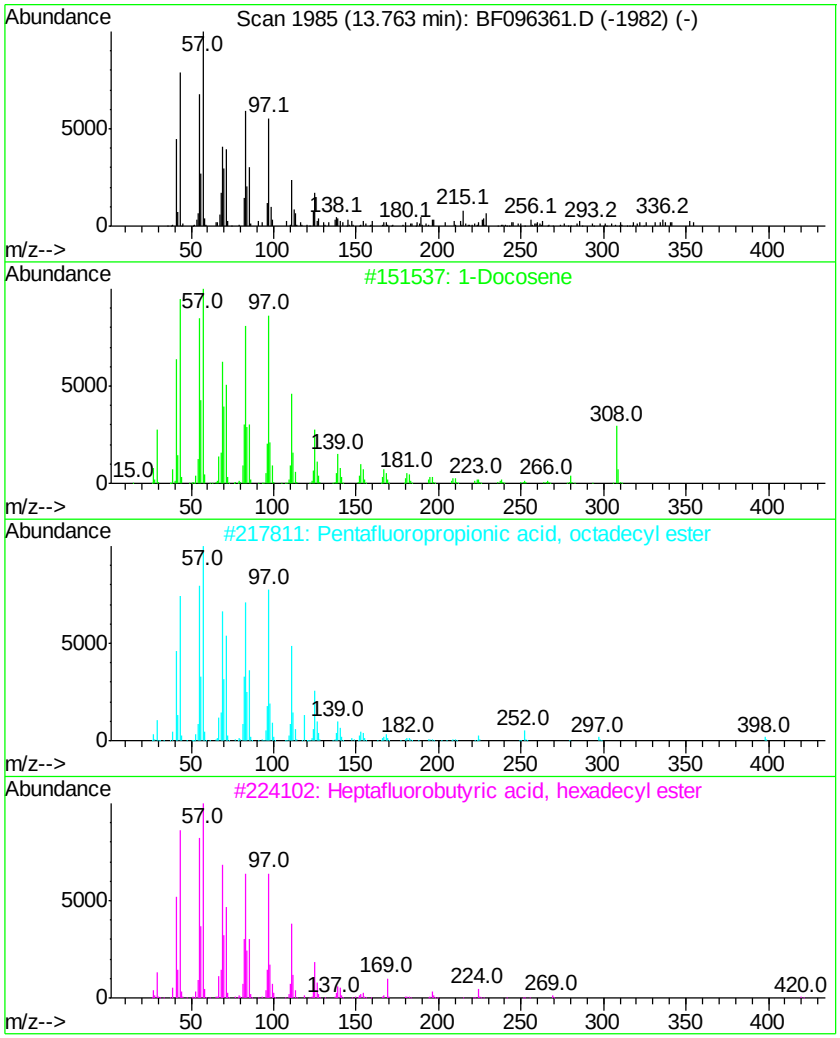
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

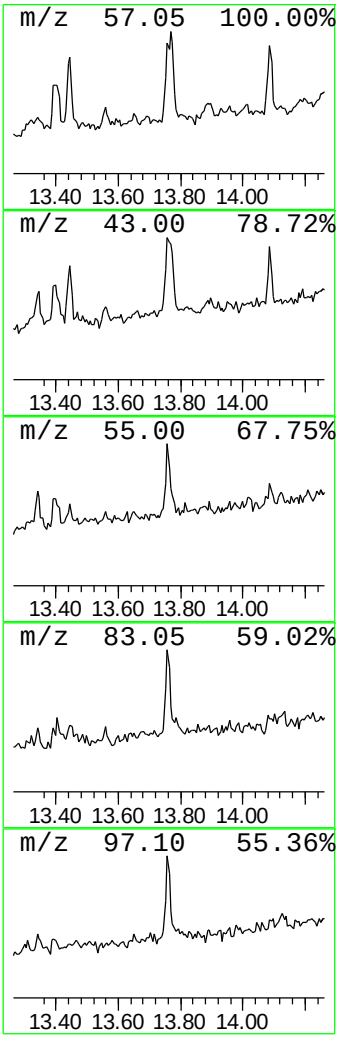
****

Peak Number 20 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.82 ng	223664	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096361.D
Acq On : 1 Jul 2017 2:52
Operator : SJ/MA
Sample : I3930-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-4-6

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...	4.95	10.1	ng	442789	1	6.76	879100	20.0
unknown6.53	6.53	58.7	ng	2578550	1	6.76	879100	20.0
Naphthalene, 1-me...	8.85	2.1	ng	127473	2	8.04	1234670	20.0
Tridecane	9.21	2.8	ng	141893	3	9.79	1008280	20.0
Decane, 2,4-dimet...	9.74	2.3	ng	117857	3	9.79	1008280	20.0
unknown10.00	10.00	2.1	ng	107850	3	9.79	1008280	20.0
Hexadecane	10.23	2.2	ng	112510	3	9.79	1008280	20.0
2-Bromo dodecane	10.71	4.2	ng	178083	4	11.27	852767	20.0
Undecane, 5-methyl-	11.16	3.4	ng	143002	4	11.27	852767	20.0
Undecane, 2-methyl-	11.58	2.2	ng	92847	4	11.27	852767	20.0
Anthracene, 9-met...	11.80	7.4	ng	316565	4	11.27	852767	20.0
Anthracene, 1-met...	11.88	2.9	ng	121680	4	11.27	852767	20.0
Phenanthrene, 3,6...	12.32	2.2	ng	92638	4	11.27	852767	20.0
Octacosane	12.37	2.3	ng	99277	4	11.27	852767	20.0
9-Octadecenamide,...	13.34	3.0	ng	140280	5	13.90	928023	20.0
unknown13.39	13.39	4.8	ng	223218	5	13.90	928023	20.0
Nonadecane	13.44	2.6	ng	122821	5	13.90	928023	20.0
1-Docosene	13.76	4.8	ng	223664	5	13.90	928023	20.0