LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096741.D
Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

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-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.128	360	364	371	rBV	145274	181972	15.87%	1.298%
2	4.793	473	477	487	rBV	590113	611210	53.31%	4.361%
3	5.228	548	551	558	rVB	97168	92483	8.07%	0.660%
4	5.887	659	663	665	rBV	27009	27210	2.37%	0.194%
5	6.169	709	711	715	rVV2	18465	28428	2.48%	0.203%
6	6.263	724	727	733	rVV	483826	423801	36.96%	3.024%
7	6.398	743	750	755	rBV	287961	274440	23.94%	1.958%
8	6.487	762	765	771	rVB	101037	87485	7.63%	0.624%
9	6.634	786	790	793	rBV	785017	694748	60.59%	4.957%
10	6.663	793	795	798	rVB2	65613	57906	5.05%	0.413%
11	6.698	798	801	805	rBV3	26439	37423	3.26%	0.267%
12	6.787	810	816	822	rBV	569742	502659	43.84%	3.587%
13	6.928	835	840	843	rVB3	34362	49810	4.34%	0.355%
14	6.957	843	845	848	rVB2	47988	45091	3.93%	0.322%
15	6.992	848	851	855	rBV	42913	41649	3.63%	0.297%
16	7.034	855	858	861	rBV2	57697	57918	5.05%	0.413%
17	7.192	876	885	889	rBV	399794	402011	35.06%	2.868%
18	7.251	892	895	898	rVV	256116	202034	17.62%	1.442%
19	7.292	898	902	906	rVV4	39579	54322	4.74%	0.388%
20	7.363	911	914	918	rVV3	34775	38790	3.38%	0.277%
21	7.410	918	922	924	rVV3	23924	28873	2.52%	0.206%
22	7.439	924	927	933	rVB3	68572	83431	7.28%	0.595%
23	7.557	940	947	950	rBV5	50841	86693	7.56%	0.619%
24	7.616	953	957	960	rBV2	28704	38689	3.37%	0.276%
25	7.657	960	964	967	rBV4	38943	48774	4.25%	0.348%
26	7.686	967	969	973	rVB3	51534	49388	4.31%	0.352%
27	7.734	974	977	978	rBV	32628	25472	2.22%	0.182%
28	7.757	978	981	984	rVB3	28053	31660	2.76%	0.226%
29	7.916	1004	1008	1011	rBV	1326466	1146584	100.00%	8.181%
30	7.998	1020	1022	1024	rBV	88178	60381	5.27%	0.431%
31	8.098	1033	1039	1040	rBV4	23734	29547	2.58%	0.211%
32	8.222	1055	1060	1062	rBV4	33251	43133	3.76%	0.308%
33	8.245	1062	1064	1067	rVB4	23566	27034	2.36%	0.193%
34	8.281	1067	1070	1072	rBV4	32779	30693	2.68%	0.219%

LSC Area Percent Report

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Data File : BF096741.D
Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

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-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.310	1072	1075	1079	rVB3	42655	40927	3.57%	0.292%
36	8.357	1079	1083	1087	rBV	117769	115722	10.09%	0.826%
37	8.422	1091	1094	1098	rBV3	39476	36892	3.22%	0.263%
38	8.528	1108	1112	1115	rBV	280212	237387	20.70%	1.694%
39	8.581	1117	1121	1124	rVV3	36079	61173	5.34%	0.436%
40	8.628	1124	1129	1132	rVB3	56252	74377	6.49%	0.531%
41	8.728	1143	1146	1147	rBV	32085	29916	2.61%	0.213%
42	8.886	1171	1173	1176	rVV2	30402	27495	2.40%	0.196%
43	8.957	1182	1185	1187	rVV	81708	65055	5.67%	0.464%
44	8.992	1187	1191	1194	rVB	649682	528979	46.14%	3.774%
45	9.086	1202	1207	1214	rBV	199289	215901	18.83%	1.540%
46	9.139	1214	1216	1219	rVB3	21388	24972	2.18%	0.178%
47	9.257	1230	1236	1238	rBV4	25545	40987	3.57%	0.292%
48	9.386	1255	1258	1260	rBV	133088	113712	9.92%	0.811%
49	9.410	1260	1262	1264	rVB	62210	45251	3.95%	0.323%
50	9.616	1294	1297	1300	rVB	188082	142629	12.44%	1.018%
51	9.663	1300	1305	1309	rBV	910780	828714	72.28%	5.913%
52	9.780	1321	1325	1329	rVB5	18903	30163	2.63%	0.215%
53	9.869	1332	1340	1343	rVV3	43699	87509	7.63%	0.624%
54	9.904	1344	1346	1349	rVV2	27119	30497	2.66%	0.218%
55	9.939	1349	1352	1355	rVV2	44464	44618	3.89%	0.318%
56	9.980	1356	1359	1362	rVV2	19143	29100	2.54%	0.208%
57	10.075	1371	1375	1379	rBV7	16084	28862	2.52%	0.206%
58	10.116	1379	1382	1384	rVV	154505	117168	10.22%	0.836%
59	10.210	1395	1398	1400	rVB	33304	27886	2.43%	0.199%
60	10.333	1415	1419	1422	rBV	64654	70274	6.13%	0.501%
61	10.451	1436	1439	1442	rVB4	27983	32015	2.79%	0.228%
62	10.586	1459	1462	1469	rBV	173163	220904	19.27%	1.576%
63	10.786	1492	1496	1499	rVB4	21475	28928	2.52%	0.206%
64	11.033	1535	1538	1541	rVV2	172660	149955	13.08%	1.070%
65	11.063	1541	1543	1548	rVB	77614	73250	6.39%	0.523%
66	11.139	1552	1556	1559	rVV	789290	717885	62.61%	5.122%
67	11.163	1559	1560	1564	rVV	229390	138074	12.04%	0.985%
68	11.216	1566	1569	1573	rVB	71570	67883	5.92%	0.484%
69	11.369	1593	1595	1600	rBV2	20190	29363	2.56%	0.210%
70	11.457	1607	1610	1615	rVB2	130375	114798	10.01%	0.819%
71	11.551	1624	1626	1631	rVB4	30211	27399	2.39%	0.195%

LSC Area Percent Report

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Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

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-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.639	1639	1641	1644	rVV3	37986	41662	3.63%	0.297%
73	11.669	1644	1646	1648	rVV	43014	31386	2.74%	0.224%
74	11.716	1651	1654	1657	rBV5	27024	24930	2.17%	0.178%
75	11.751	1657	1660	1662	rBV2	56955	51480	4.49%	0.367%
76	11.863	1677	1679	1684	rBV	100513	90492	7.89%	0.646%
77	12.192	1732	1735	1738	rBV2	37163	46396	4.05%	0.331%
78	12.251	1742	1745	1748	rVB	97719	96211	8.39%	0.686%
79	12.345	1758	1761	1766	rBV	201490	175732	15.33%	1.254%
80	12.398	1768	1770	1776	rVB7	29474	44439	3.88%	0.317%
81	12.574	1796	1800	1802	rVB	112446	109961	9.59%	0.785%
82	12.621	1805	1808	1810	rBV	66216	48692	4.25%	0.347%
83	12.721	1822	1825	1834	rVB	394235	347472	30.30%	2.479%
84	12.904	1854	1856	1860	rVB4	33320	33158	2.89%	0.237%
85	12.974	1865	1868	1871	rBV2	69939	68330	5.96%	0.488%
86	13.004	1871	1873	1879	rBV5	41733	83401	7.27%	0.595%
87	13.098	1886	1889	1892	rBV5	37420	47572	4.15%	0.339%
88	13.168	1899	1901	1904	rBV3	26220	26196	2.28%	0.187%
89	13.321	1923	1927	1929	rBV	87056	90773	7.92%	0.648%
90	13.410	1940	1942	1945	rBV3	36725	49038	4.28%	0.350%
91	13.515	1958	1960	1965	rBV5	39882	58545	5.11%	0.418%
92	13.645	1980	1982	1985	rVB	102339	89538	7.81%	0.639%
93	13.768	1999	2003	2006	rBV	638842	623353	54.37%	4.448%
94	13.963	2033	2036	2039	rBV	75190	67307	5.87%	0.480%
95	14.068	2050	2054	2059	rBV8	51416	102610	8.95%	0.732%
96	14.268	2085	2088	2091	rBV	85137	114238	9.96%	0.815%
97	14.562	2135	2138	2142	rBV2	124747	153493	13.39%	1.095%
98	15.157	2235	2239	2242	rVB	377778	417672	36.43%	2.980%
99	15.798	2344	2348	2358	rVB6	156111	358365	31.26%	2.557%
100	16.180	2410	2413	2420	rVB3	96289	184332	16.08%	1.315%

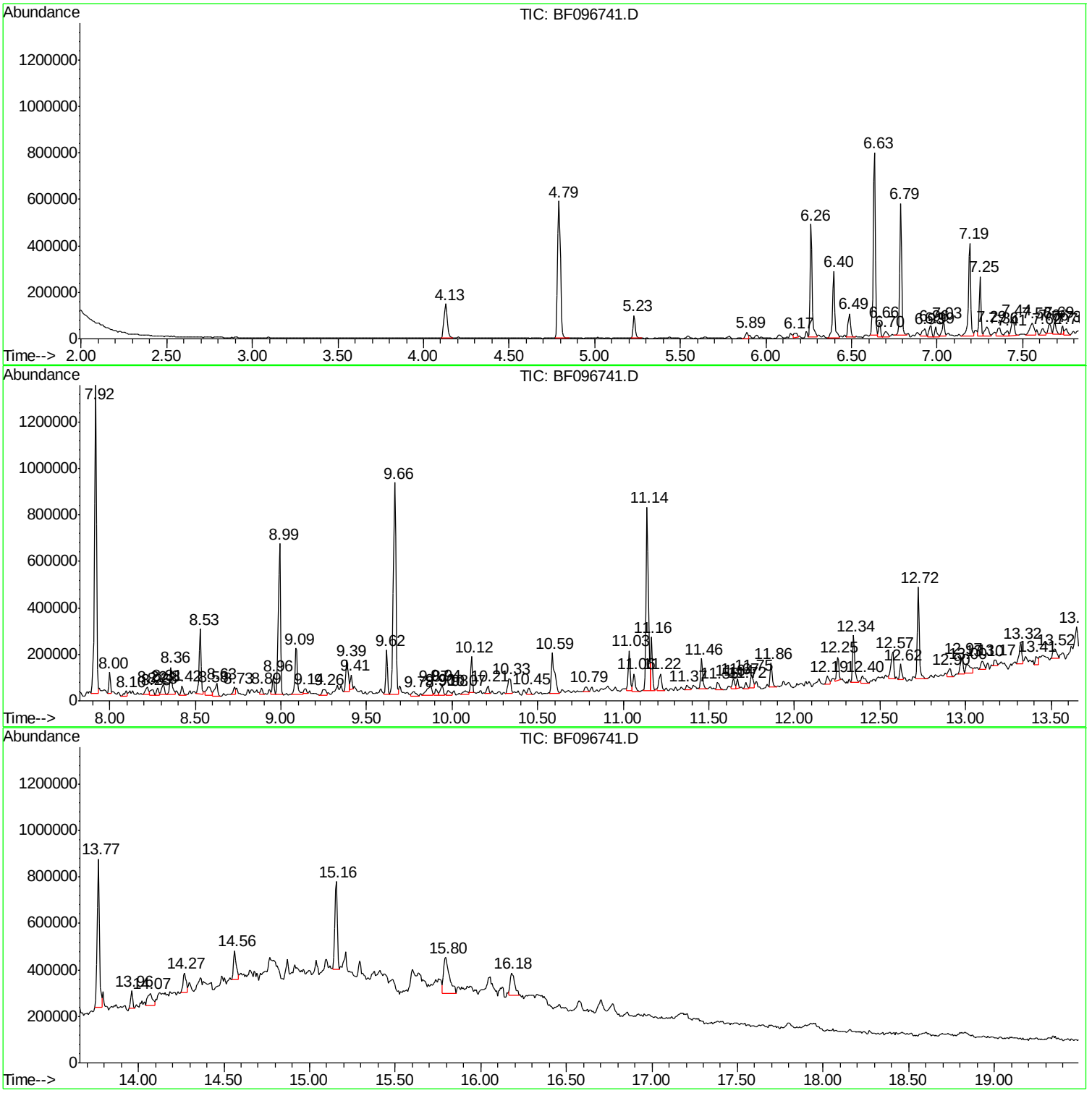
Sum of corrected areas: 14015136

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096741.D
Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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\BF071317\
Data File : BF096741.D
Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

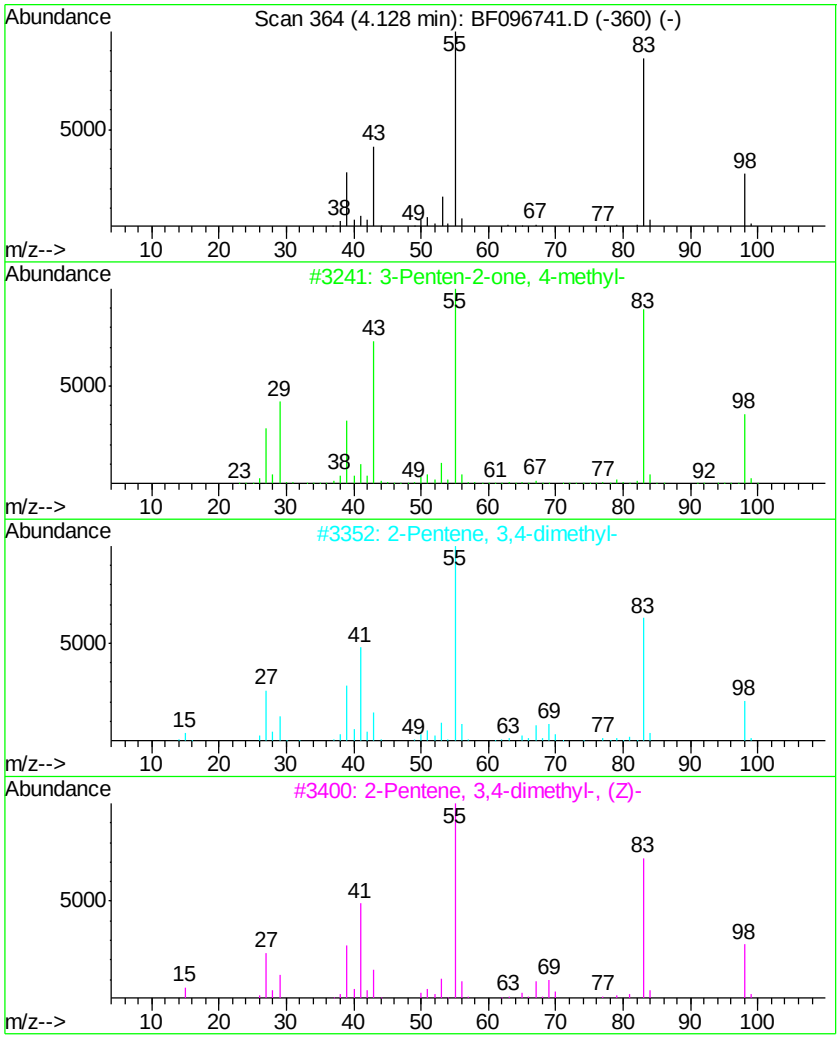
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

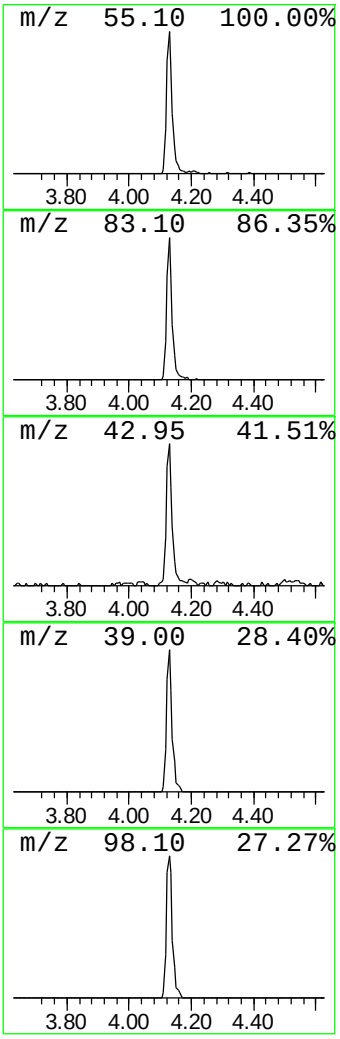
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	5.24 ng	181972	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	3-Hexen-2-one	98	C6H10O	000763-93-9	80
5	2,4-Azetidinedione, 3,3-diethyl-	141	C7H11NO2	042282-85-9	78





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Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

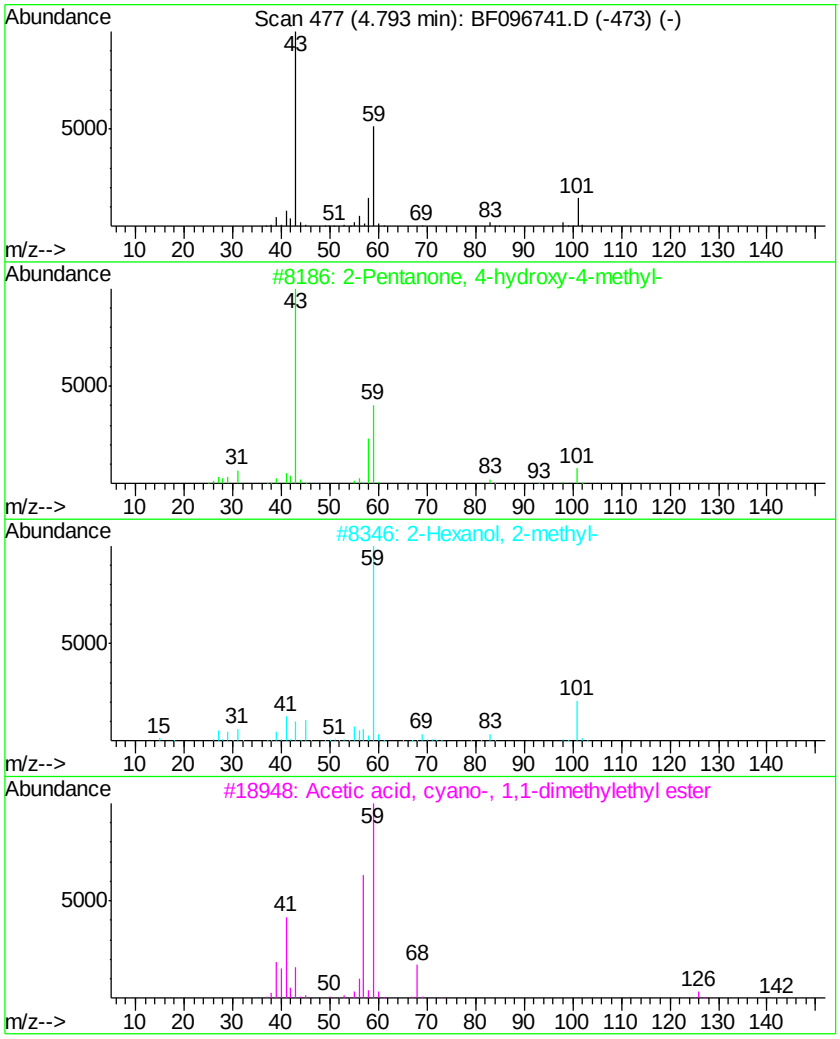
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

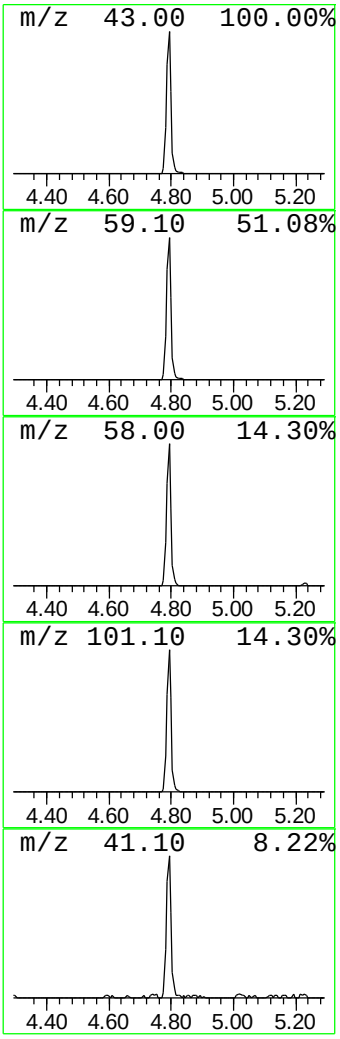
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	17.60 ng	611210	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





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Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

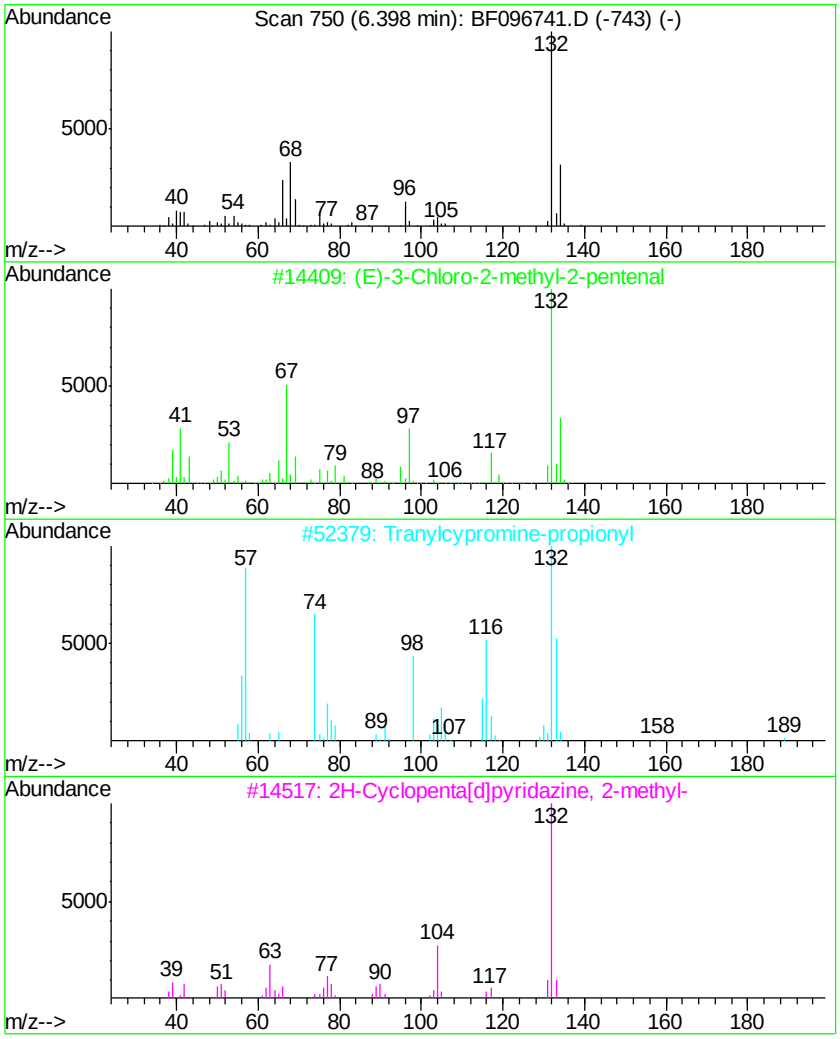
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

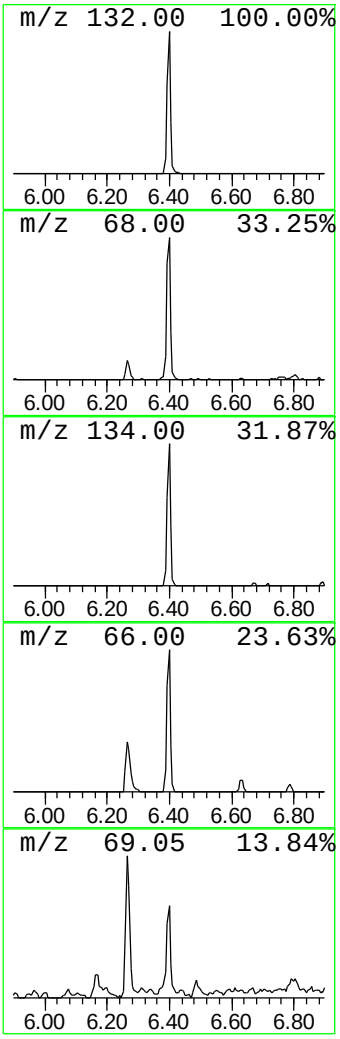
****

Peak Number 3 unknown6.40 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	7.90 ng	274440	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

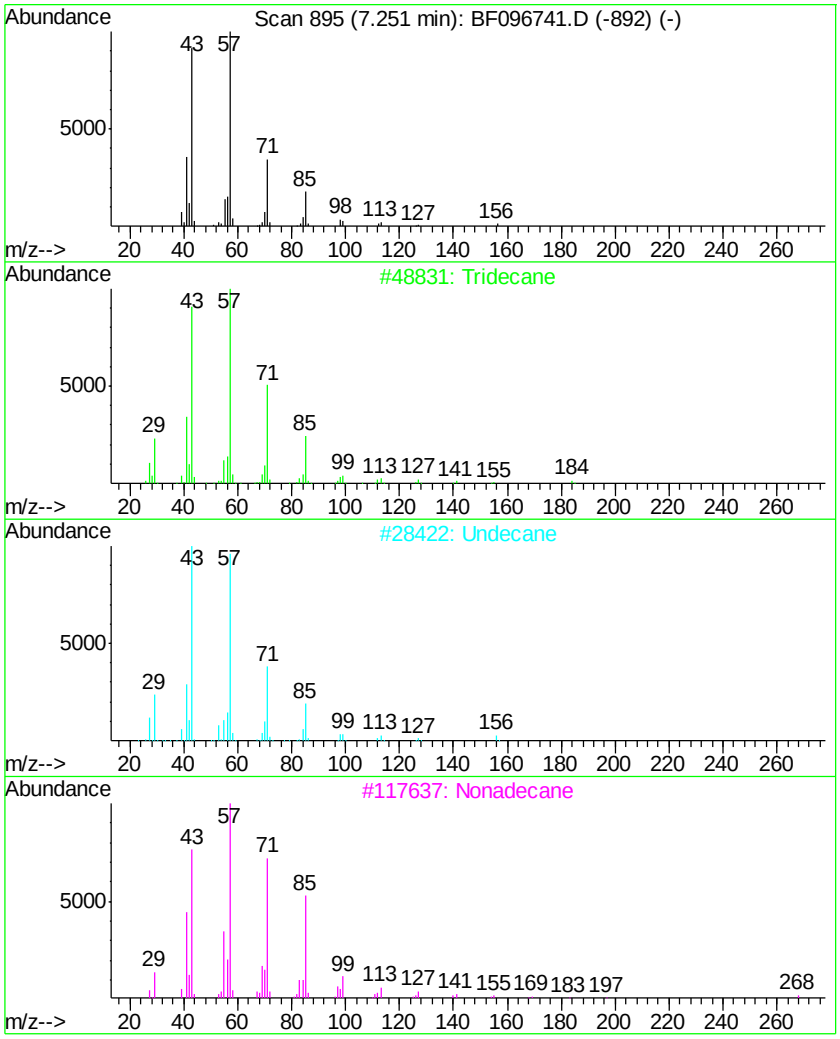
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

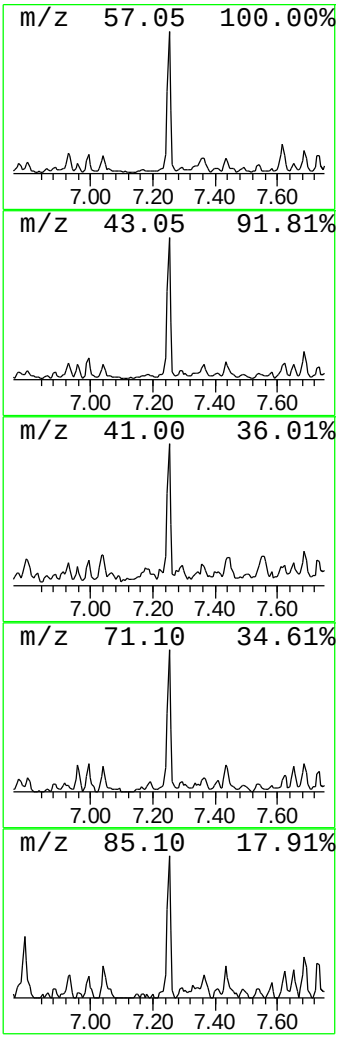
****

Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.82 ng	202034	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Undecane	156	C11H24	001120-21-4	83
3	Nonadecane	268	C19H40	000629-92-5	78
4	Pentadecane	212	C15H32	000629-62-9	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096741.D
Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

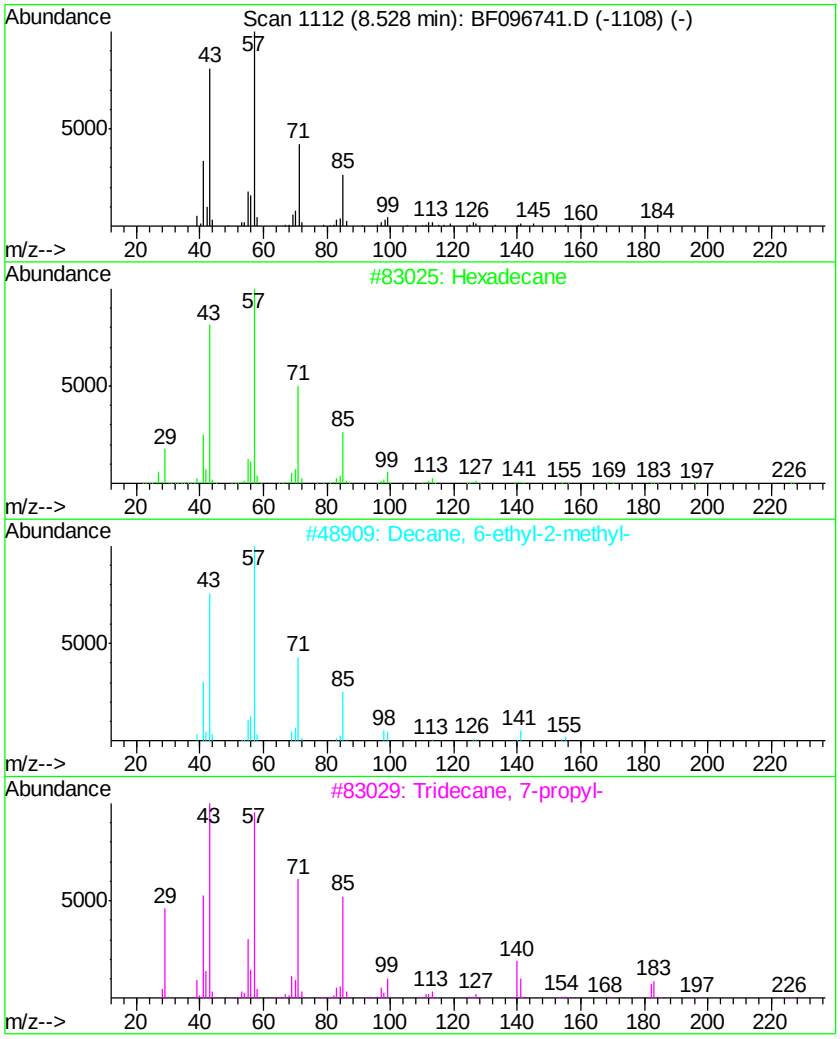
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

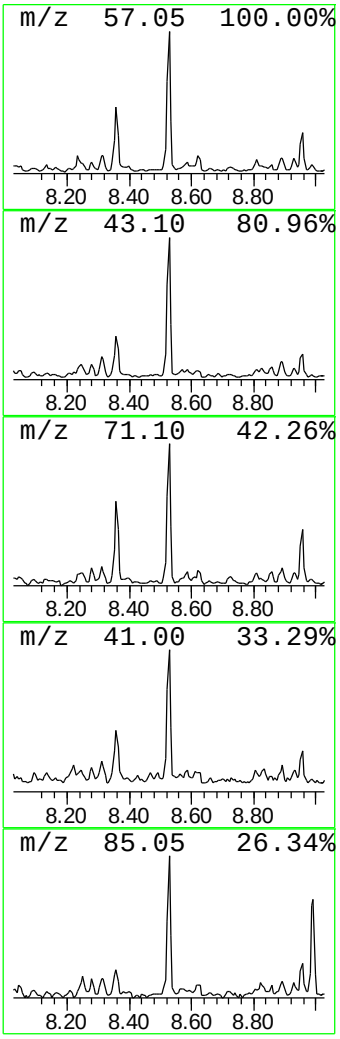
****

Peak Number 6 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	4.14 ng	237387	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
4	Tridecane	184	C13H28	000629-50-5	78
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72





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Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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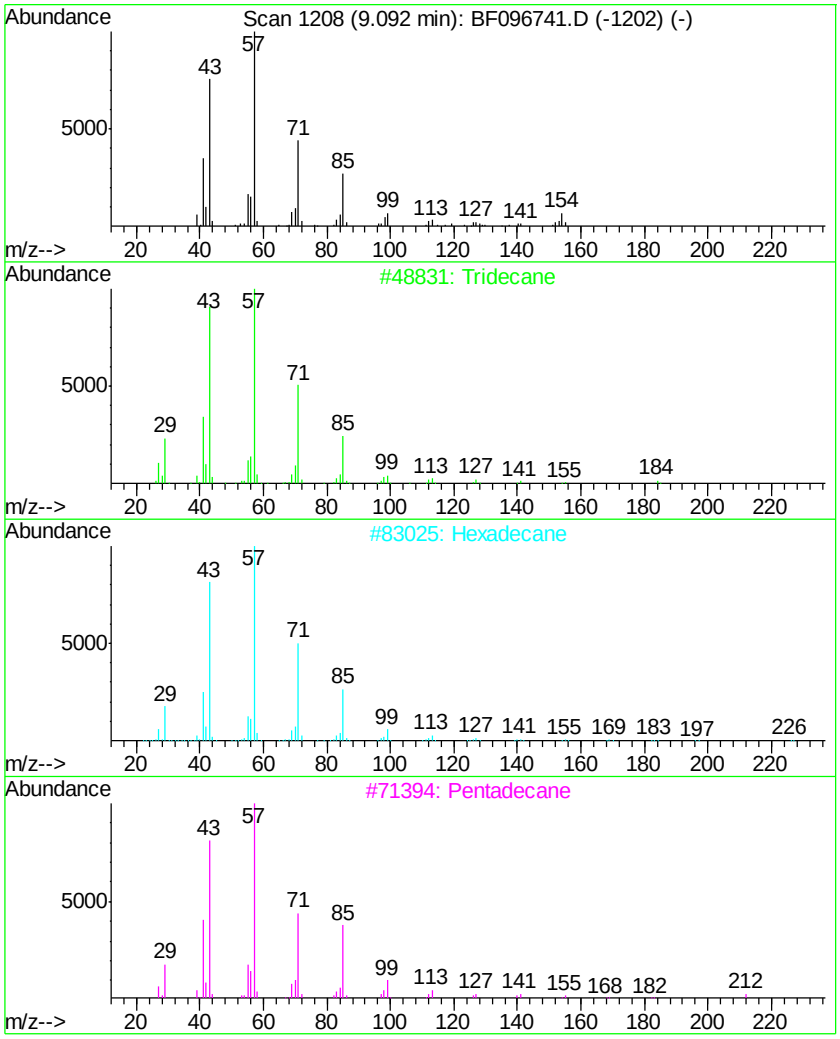
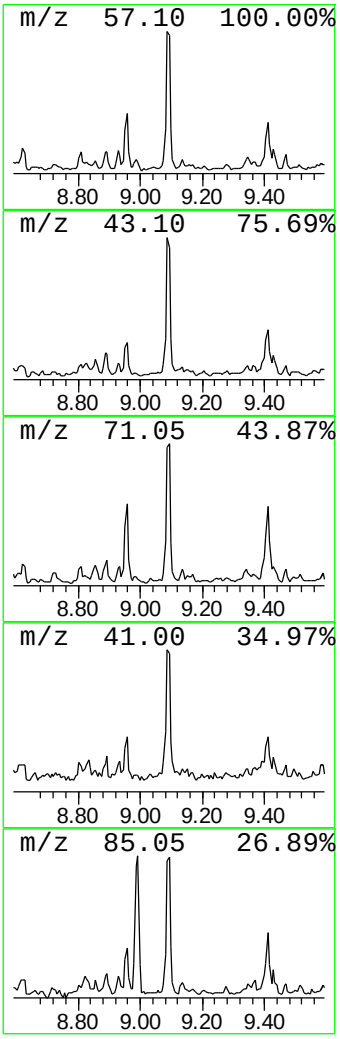
Peak Number 7 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	5.21 ng	215901	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Undecane	156	C11H24	001120-21-4	78
5	Tetradecane	198	C14H30	000629-59-4	72





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Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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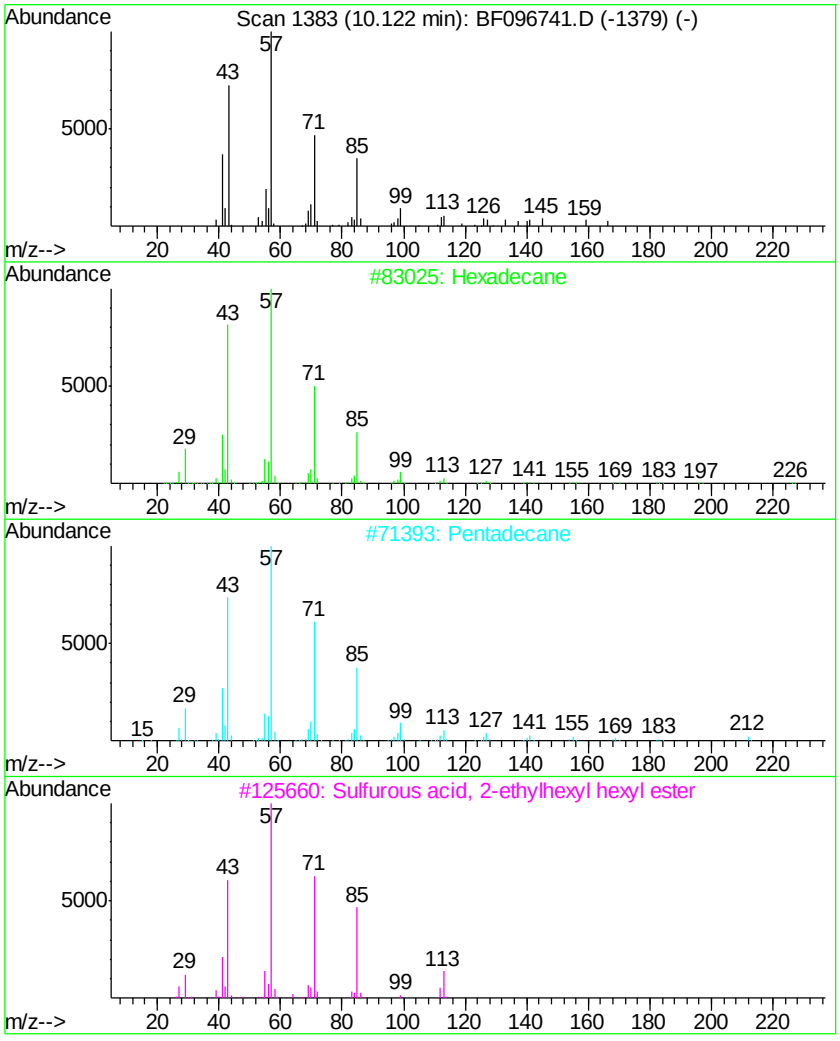
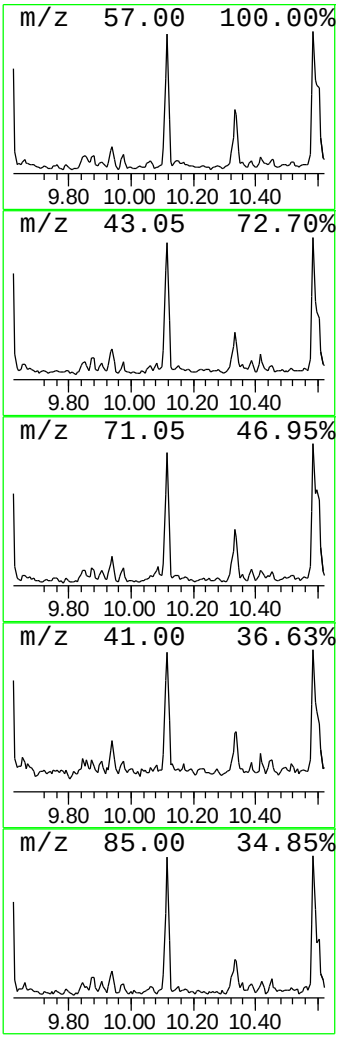
Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.83 ng	117168	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentadecane	212	C15H32	000629-62-9	72
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59





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Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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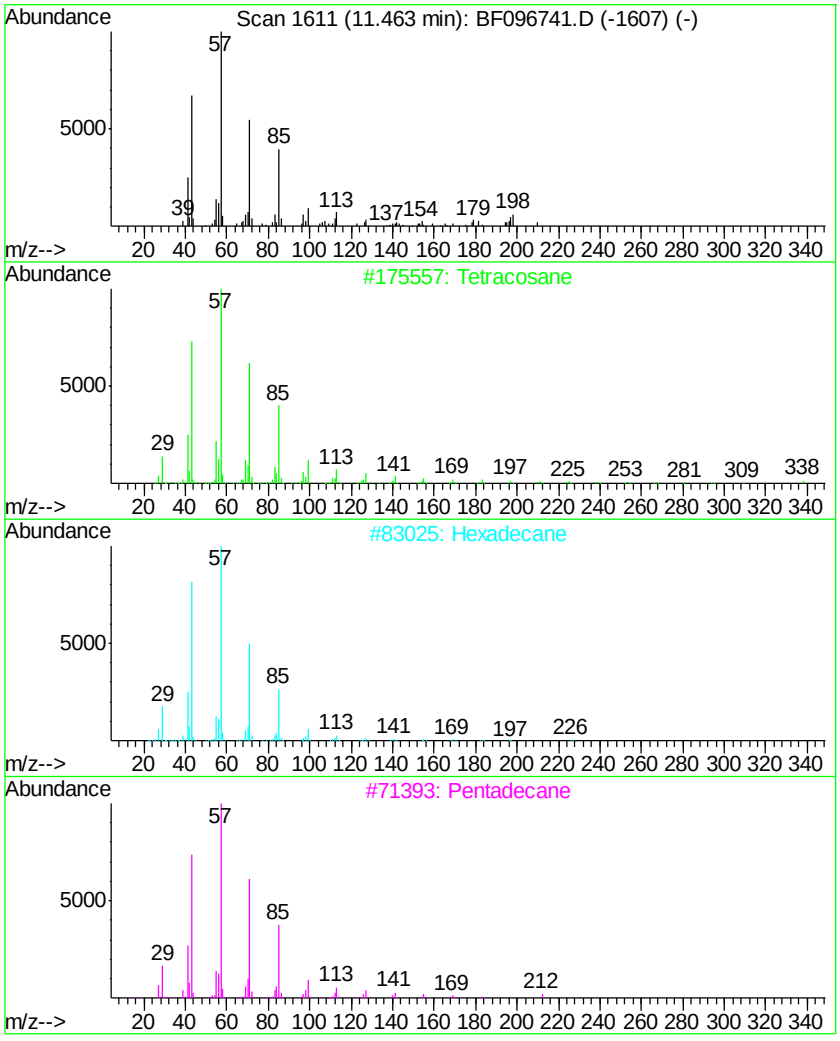
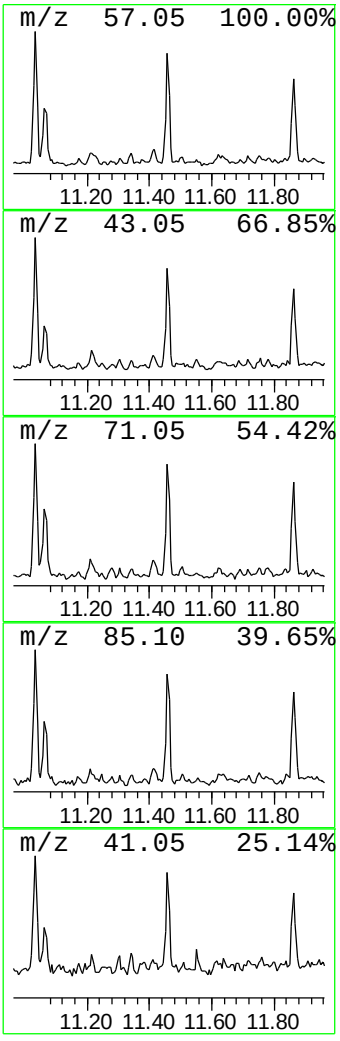
Peak Number 11 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	3.20 ng	114798	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78





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Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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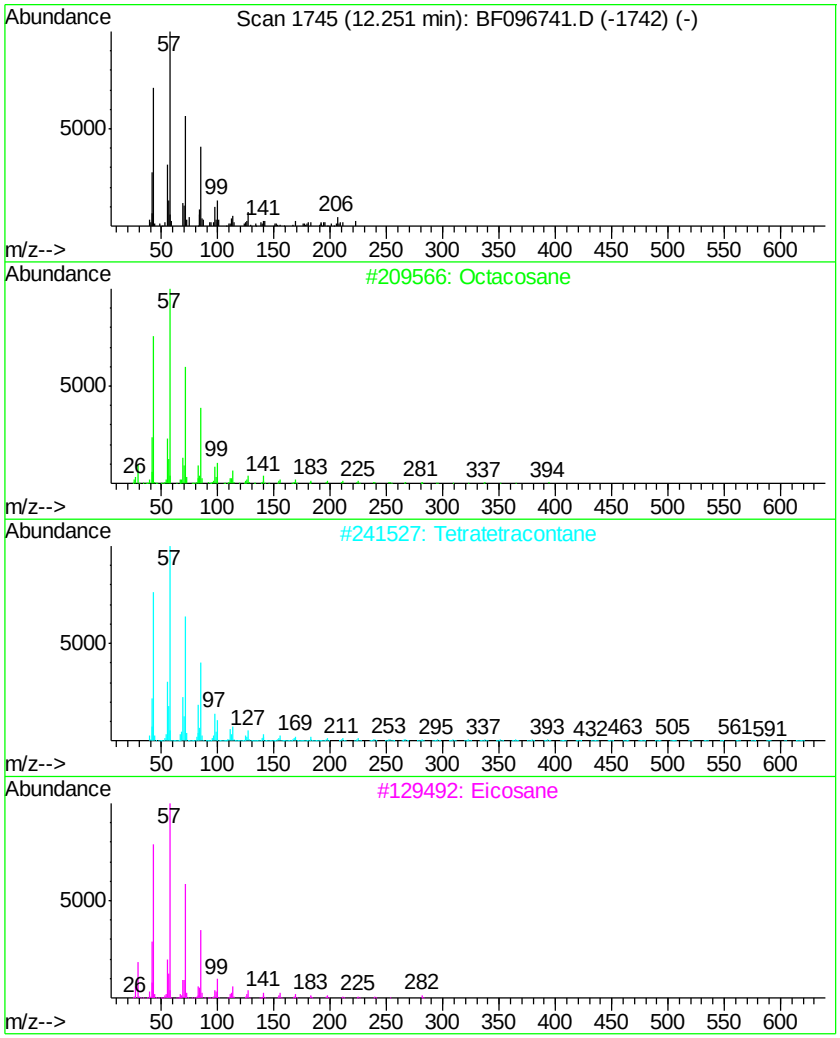
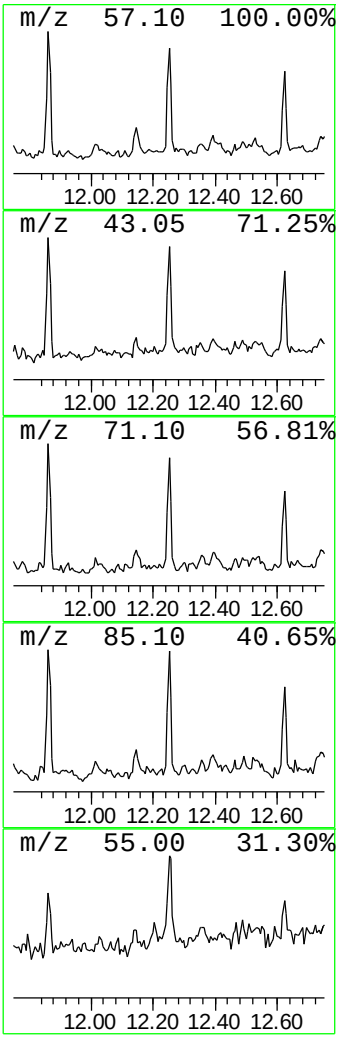
Peak Number 12 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.68 ng	96211	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Eicosane	282	C20H42	000112-95-8	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80





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Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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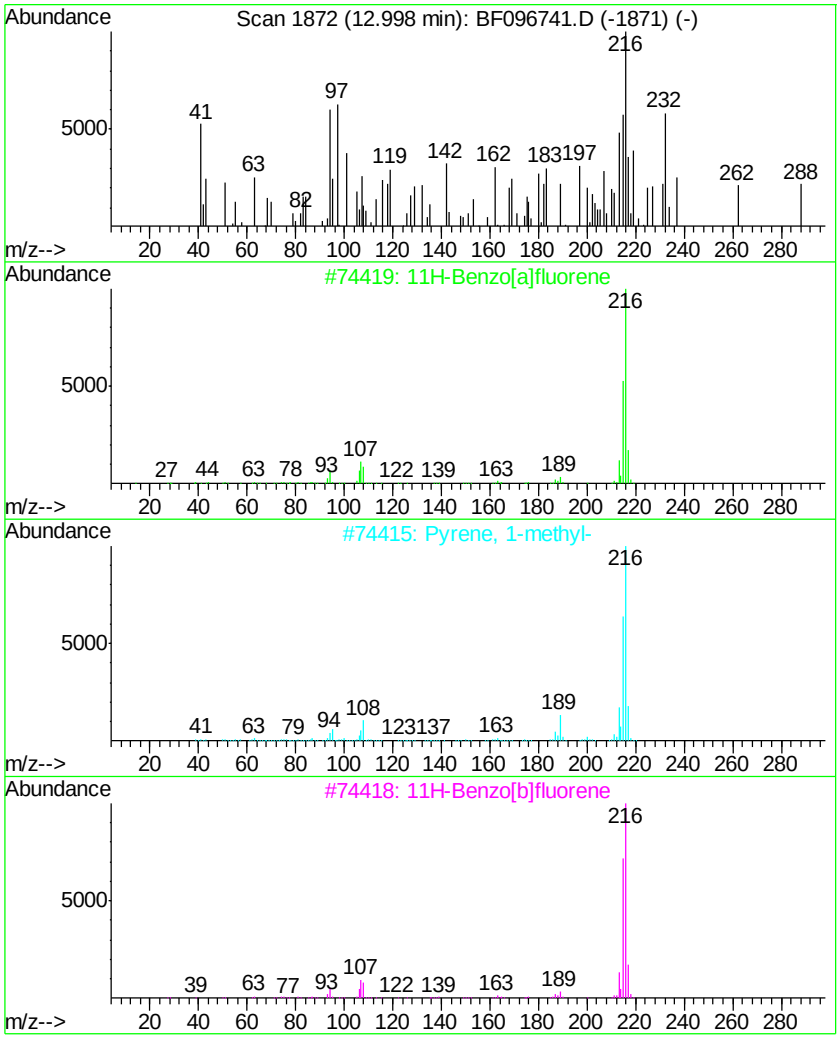
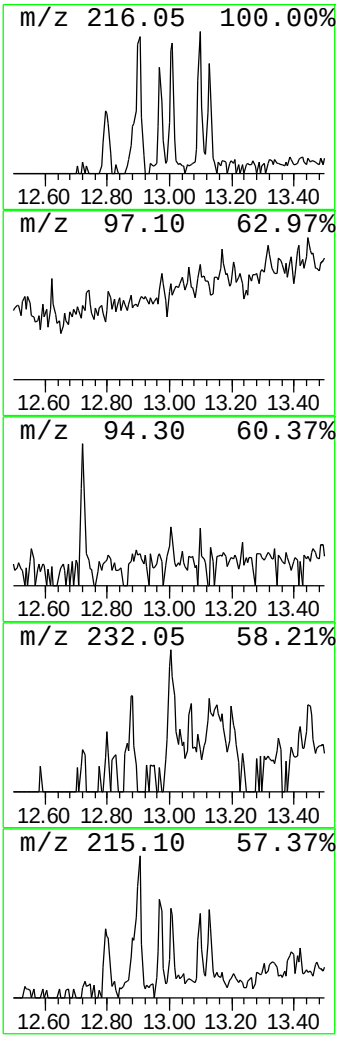
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.68 ng	83401	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	46





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Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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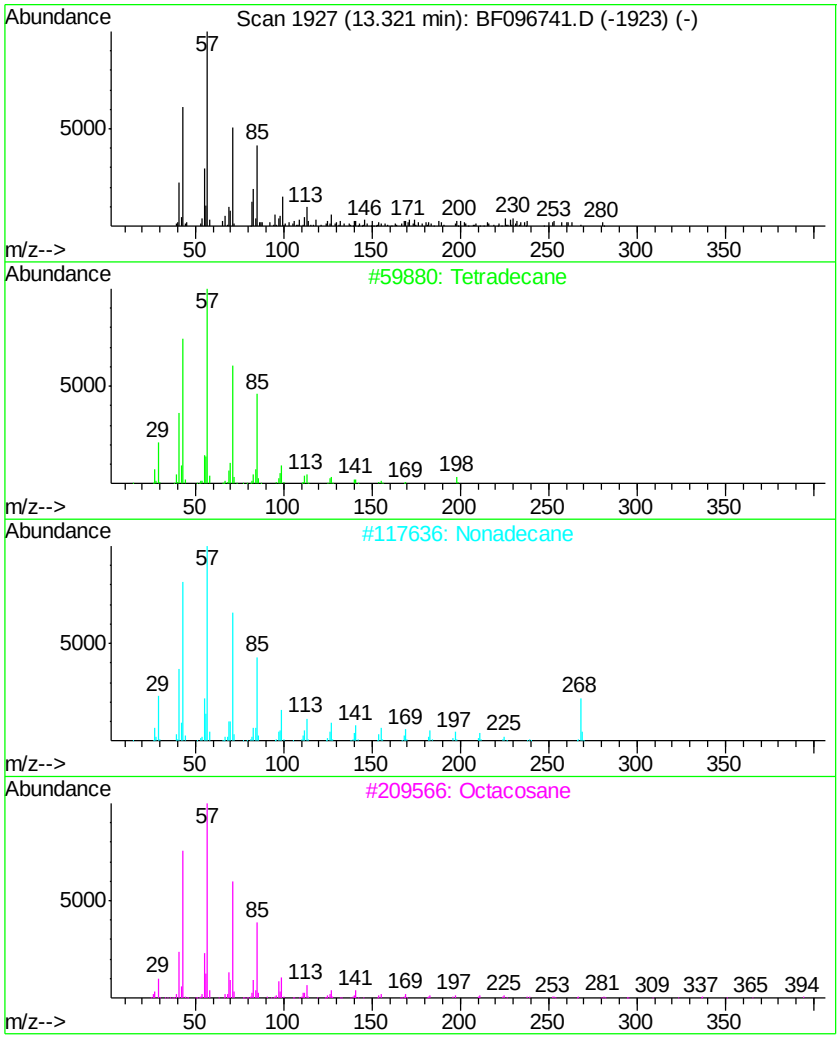
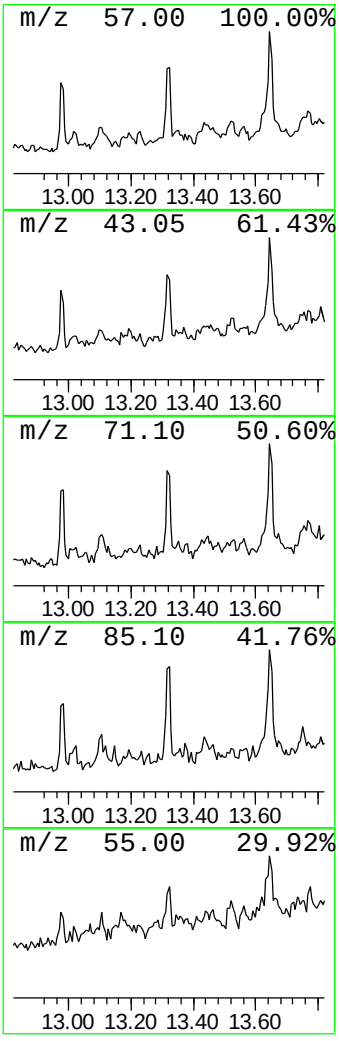
Peak Number 14 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.91 ng	90773	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Nonadecane	268	C19H40	000629-92-5	80
3	Octacosane	394	C28H58	000630-02-4	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64





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Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

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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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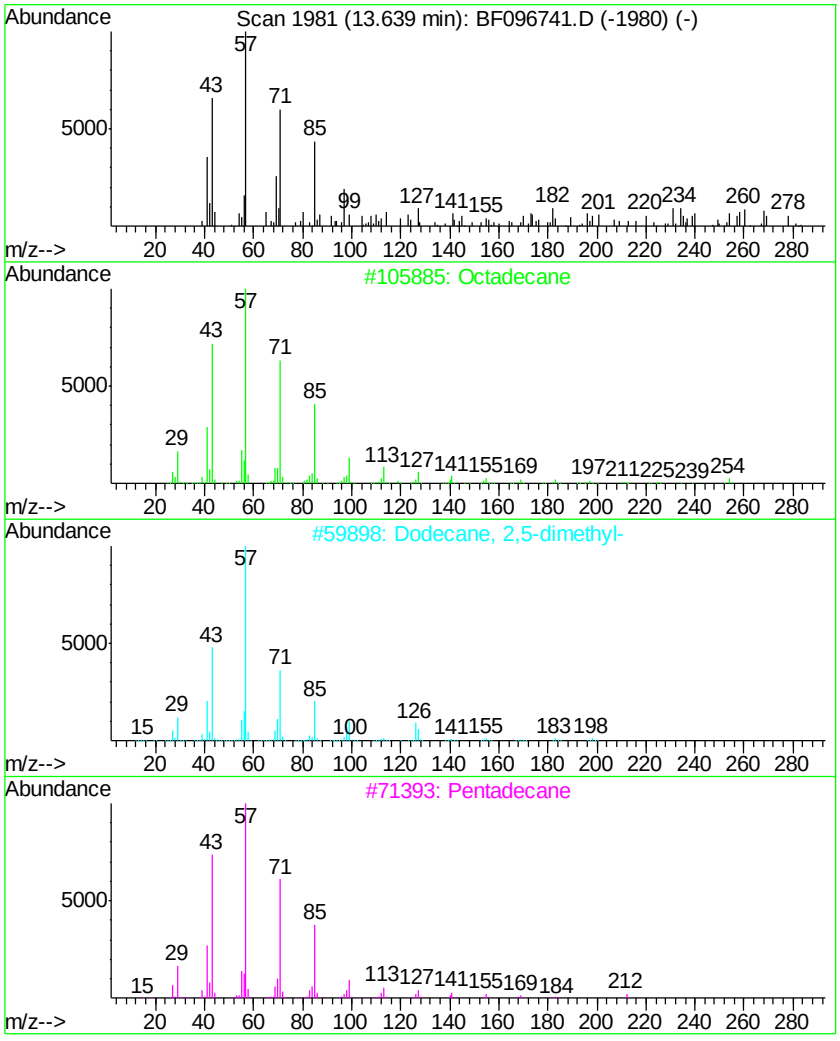
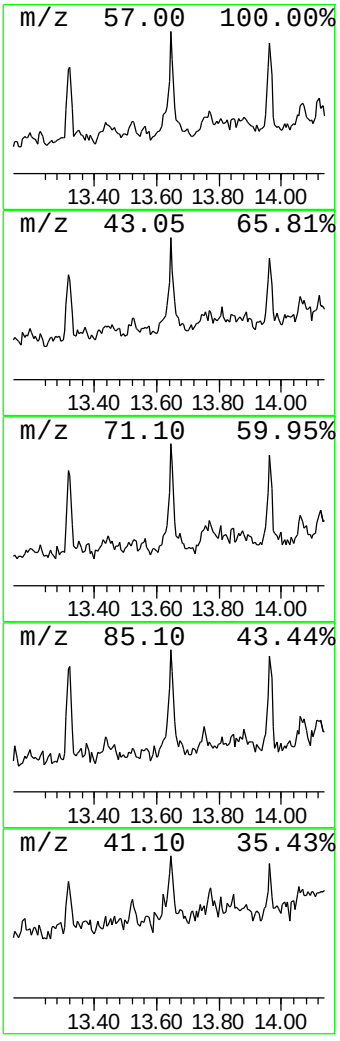
Peak Number 15 Dodecane, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.87 ng	89538	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	80
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Heptacosane	380	C27H56	000593-49-7	72





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ClientSampleId : F-7-11RE

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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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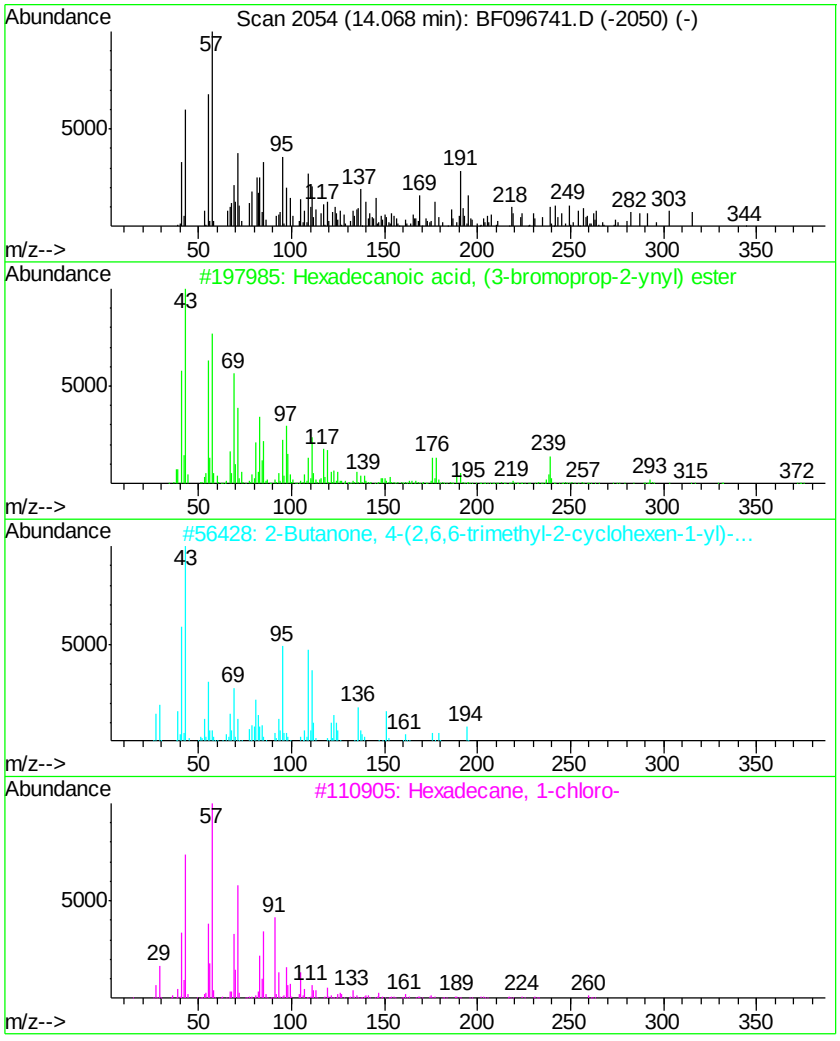
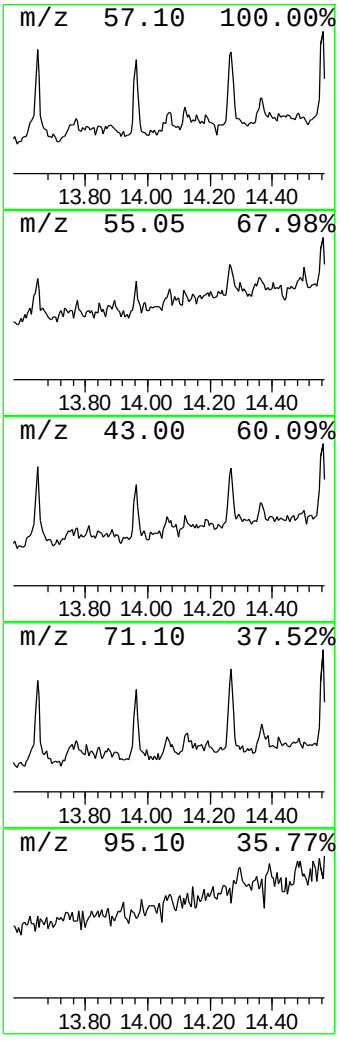
Peak Number 16 unknown14.07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.29 ng	102610	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, (3-bromoprop-...	372	C19H33BrO2	157336-02-2	35
2	2-Butanone, 4-(2,6,6-trimethyl-2...	194	C13H22O	039721-65-8	27
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	20
4	1,16-Dibromohexadecane	382	C16H32Br2	045223-18-5	18
5	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	14





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ClientSampleId : F-7-11RE

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TIC Library : C:\DATABASE\NIST11.L
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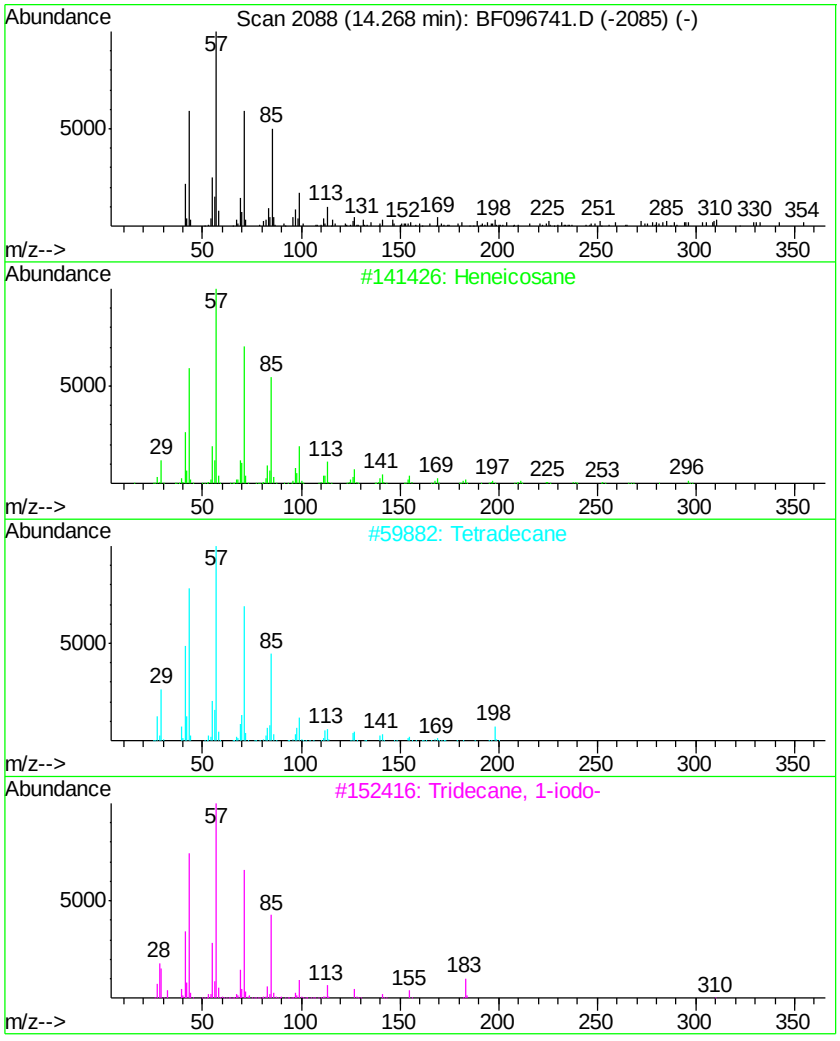
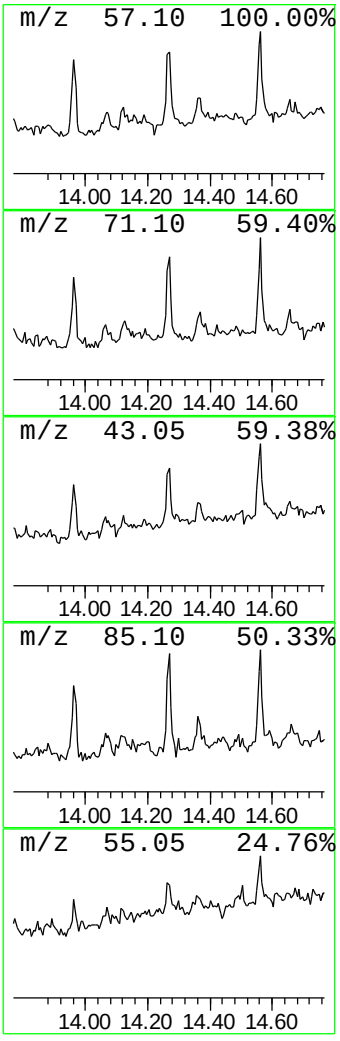
Peak Number 17 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	3.67 ng	114238	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentacosane	352	C25H52	000629-99-2	86





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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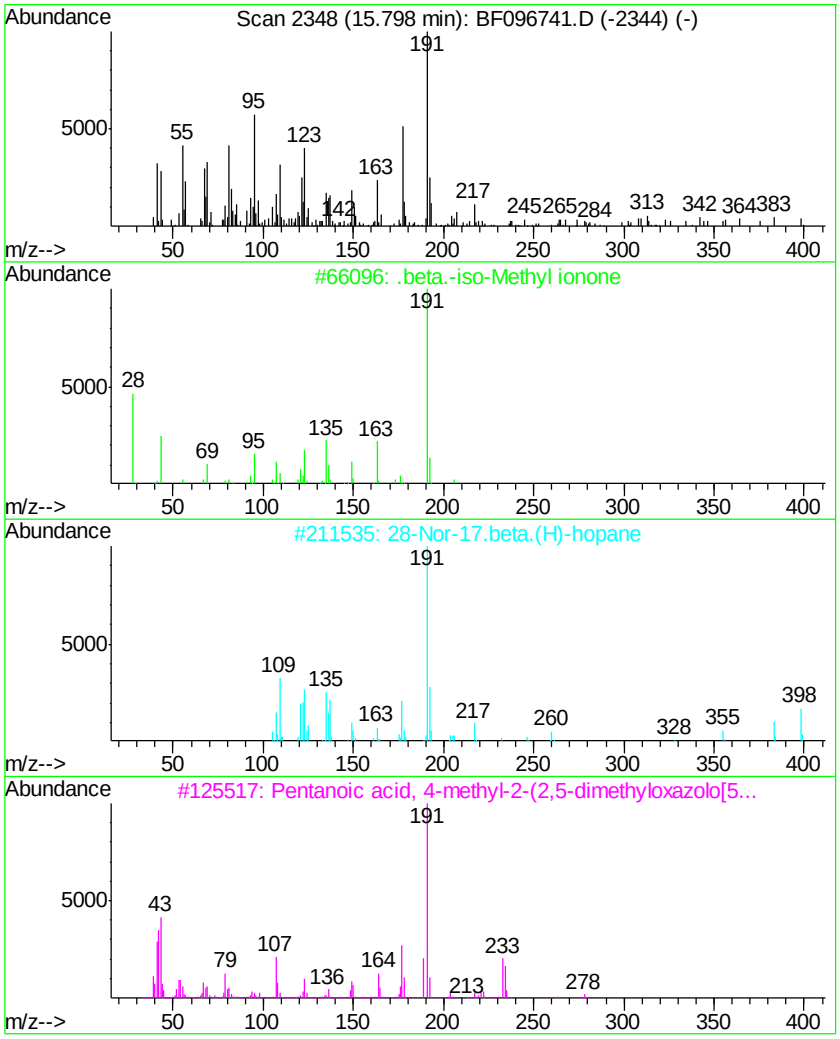
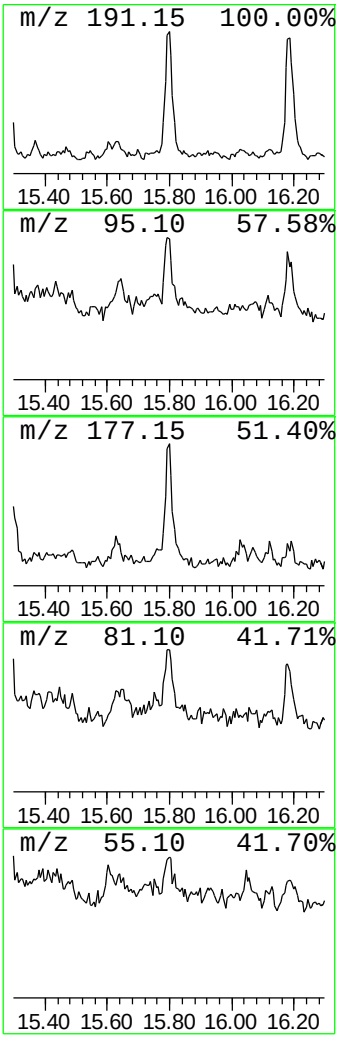
Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	17.16 ng	358365	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	62
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	60
3	Pentanoic acid, 4-methyl-2-(2,5-...	278	C13H18N4O3	1000294-63-5	30
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27
5	5-Fluoro-2-trifluoromethylbenzoi...	302	C14H7F5O2	1000331-60-4	25





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

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

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Peak Number 20 unknown16.18 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	8.83 ng	184332	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-2-trifluoromethylbenzoi...	284	C14H8F4O2	1000357-66-1	38
2	5-Fluoro-2-trifluoromethylbenzoi...	376	C20H28F4O2	1000338-54-5	35
3	3-Fluoro-5-trifluoromethylbenzoi...	376	C20H28F4O2	1000338-65-5	35
4	3-Fluoro-5-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-66-5	35
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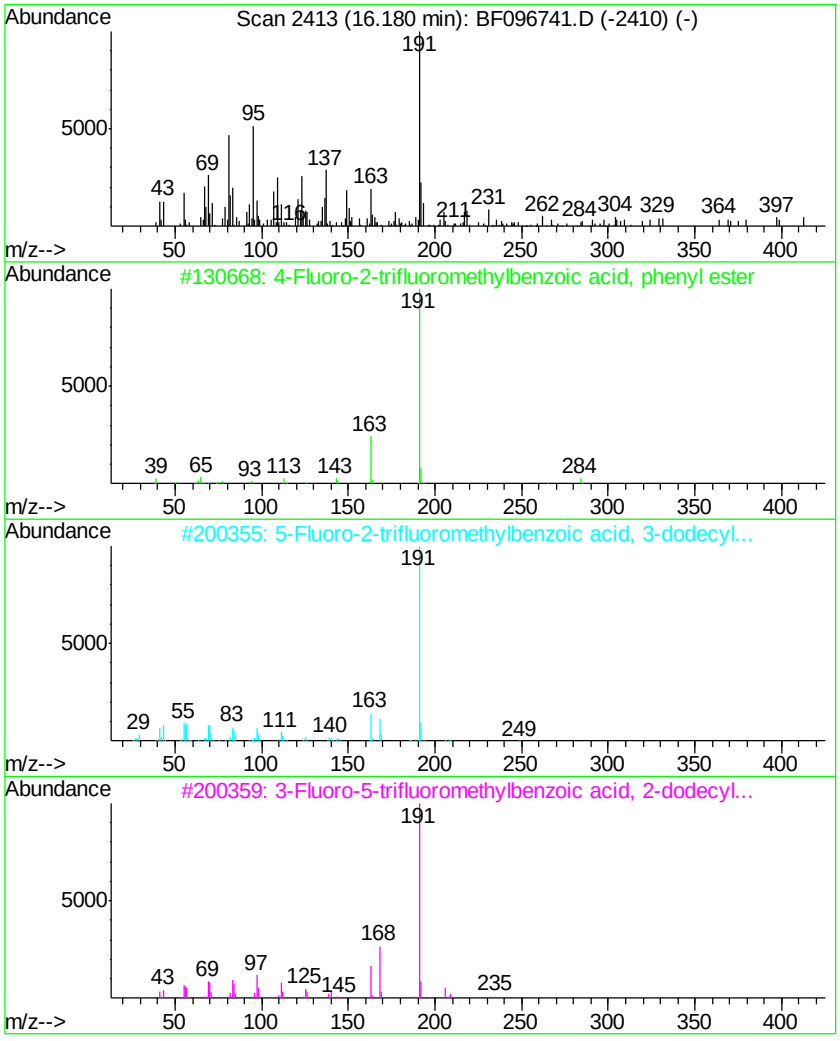

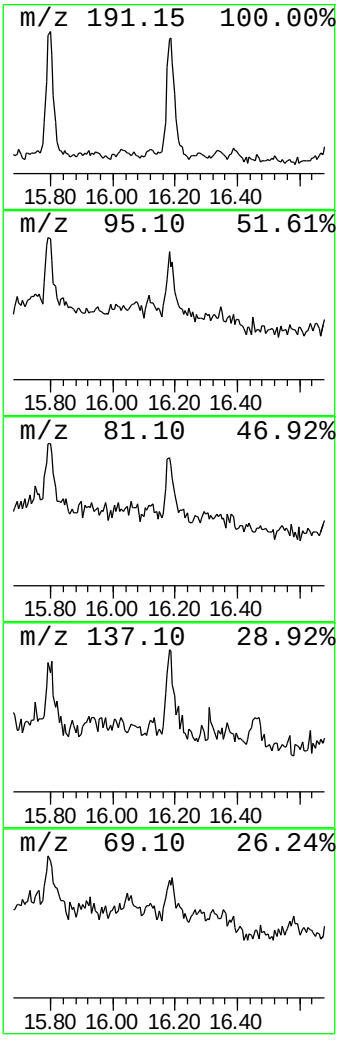

Tentatively Identified Compound (LSC) summary

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Data File : BF096741.D
Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F-7-11RE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.13	5.2	ng	181972	1	6.63	694748	20.0
2-Pentanone, 4-hy...	4.79	17.6	ng	611210	1	6.63	694748	20.0
unknown6.40	6.40	7.9	ng	274440	1	6.63	694748	20.0
Tridecane	7.25	5.8	ng	202034	1	6.63	694748	20.0
Hexadecane	8.53	4.1	ng	237387	2	7.92	1146580	20.0
Pentadecane	9.09	5.2	ng	215901	3	9.66	828714	20.0
Sulfurous acid, 2...	10.12	2.8	ng	117168	3	9.66	828714	20.0
Tetracosane	11.46	3.2	ng	114798	4	11.14	717885	20.0
Octacosane	12.25	2.7	ng	96211	4	11.14	717885	20.0
11H-Benzo[a]fluorene	13.00	2.7	ng	83401	5	13.77	623353	20.0
Tetradecane	13.32	2.9	ng	90773	5	13.77	623353	20.0
Dodecane, 2,5-dim...	13.64	2.9	ng	89538	5	13.77	623353	20.0
unknown14.07	14.07	3.3	ng	102610	5	13.77	623353	20.0
Heneicosane	14.27	3.7	ng	114238	5	13.77	623353	20.0
.beta.-iso-Methyl...	15.80	17.2	ng	358365	6	15.16	417672	20.0
unknown16.18	16.18	8.8	ng	184332	6	15.16	417672	20.0