LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

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-BF112115.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	4.810	243	247	254	rBV	2445662	4265880	59.28%	5.093%
2	4.936	254	258	267	rVB	42230	126806	1.76%	0.151%
3	5.256	284	286	289	rBV	4898914	7092736	98.56%	8.468%
4	6.319	376	379	382	rBV	5794350	7196526	100.00%	8.592%
5	6.422	386	388	391	rBV	5455323	6925492	96.23%	8.268%
6	6.650	406	408	410	rBV	1434385	1324761	18.41%	1.582%
7	6.810	419	422	424	rBV	5142031	5623065	78.14%	6.713%
8	7.222	455	458	461	rBV	4092152	4495050	62.46%	5.367%
9	7.359	467	470	476	rVB	67365	101931	1.42%	0.122%
10	7.713	497	501	510	rVB2	34177	82717	1.15%	0.099%
11	7.942	518	521	523	rBV	1251774	1637486	22.75%	1.955%
12	9.016	612	615	618	rBV	6043805	6759088	93.92%	8.070%
13	9.108	621	623	625	rVV	108830	87053	1.21%	0.104%
14	9.325	640	642	643	rBV	149776	170416	2.37%	0.203%
15	9.416	648	650	655	rVB	1765975	1634512	22.71%	1.951%
16	9.633	667	669	671	rVB	349649	293183	4.07%	0.350%
17	9.679	671	673	676	rBV	1461975	1919080	26.67%	2.291%
18	9.873	688	690	693	rVV2	49483	117230	1.63%	0.140%
19	9.953	696	697	699	rVB	82507	76095	1.06%	0.091%
20	10.136	705	713	715	rBV	380898	452047	6.28%	0.540%
21	10.354	729	732	733	rBV	156624	199198	2.77%	0.238%
22	10.468	740	742	745	rBV2	3201804	4216955	58.60%	5.035%
23	10.605	751	754	759	rVV	340786	421930	5.86%	0.504%
24	10.799	768	771	773	rBV	47139	78349	1.09%	0.094%
25	10.856	773	776	778	rVV3	85762	167509	2.33%	0.200%
26	11.051	789	793	794	rBV	200139	211351	2.94%	0.252%
27	11.154	800	802	806	rVV	1169714	1861534	25.87%	2.222%
28	11.234	806	809	812	rVB2	67992	164320	2.28%	0.196%
29	11.325	815	817	821	rVB2	51169	77811	1.08%	0.093%
30	11.405	821	824	827	rBV4	50581	77426	1.08%	0.092%
31	11.474	829	830	834	rVB2	85927	106771	1.48%	0.127%
32	11.645	842	845	846	rBV	98974	193397	2.69%	0.231%
33	11.714	849	851	855	rVB2	1111661	1196142	16.62%	1.428%
34	11.885	862	866	871	rBV3	133125	225278	3.13%	0.269%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.262	897	899	901	rVB	63222	75079	1.04%	0.090%
36	12.365	906	908	910	rVV	603045	607903	8.45%	0.726%
37	12.434	910	914	915	rVV3	209568	427908	5.95%	0.511%
38	12.457	915	916	918	rVV	234533	201683	2.80%	0.241%
39	12.491	918	919	923	rVV	481873	538788	7.49%	0.643%
40	12.582	923	927	931	rVB	446090	819519	11.39%	0.978%
41	12.662	931	934	935	rBV3	44458	73575	1.02%	0.088%
42	12.742	939	941	944	rVV	3957459	5419796	75.31%	6.471%
43	12.971	959	961	964	rBV3	89127	193671	2.69%	0.231%
44	13.062	967	969	971	rVB	250070	256310	3.56%	0.306%
45	13.177	976	979	980	rVV	395319	446647	6.21%	0.533%
46	13.211	980	982	987	rVB3	235149	442919	6.15%	0.529%
47	13.314	990	991	997	rVB4	68171	117490	1.63%	0.140%
48	13.657	1018	1021	1024	rBV	649000	882637	12.26%	1.054%
49	13.782	1029	1032	1038	rBV	1567483	1831376	25.45%	2.186%
50	13.874	1038	1040	1043	rVV2	133866	196219	2.73%	0.234%
51	13.977	1046	1049	1052	rVB4	89122	169574	2.36%	0.202%
52	14.194	1064	1068	1071	rBV4	71978	134080	1.86%	0.160%
53	14.285	1073	1076	1082	rVV	694061	1012665	14.07%	1.209%
54	14.491	1091	1094	1097	rBV	140543	247829	3.44%	0.296%
55	14.548	1097	1099	1105	rBV2	421803	595398	8.27%	0.711%
56	14.640	1105	1107	1109	rVB	66262	73560	1.02%	0.088%
57	14.697	1110	1112	1114	rVB	312446	289869	4.03%	0.346%
58	14.777	1117	1119	1125	rBV	175098	306791	4.26%	0.366%
59	14.868	1125	1127	1128	rBV	689843	764176	10.62%	0.912%
60	15.040	1140	1142	1145	rVB	103384	145080	2.02%	0.173%
61	15.097	1145	1147	1149	rBV	107308	160023	2.22%	0.191%
62	15.143	1149	1151	1154	rVV	780656	1169749	16.25%	1.397%
63	15.200	1154	1156	1158	rVB	69192	88194	1.23%	0.105%
64	15.371	1168	1171	1174	rBV	223630	294427	4.09%	0.352%
65	15.577	1185	1189	1191	rBV	1066222	1644023	22.84%	1.963%
66	15.623	1191	1193	1196	rVV2	201418	405485	5.63%	0.484%
67	15.668	1196	1197	1202	rVB3	106062	204547	2.84%	0.244%
68	16.000	1223	1226	1228	rBV	65735	129709	1.80%	0.155%
69	16.251	1244	1248	1253	rBV3	184056	385666	5.36%	0.460%
70	16.411	1259	1262	1267	rBV2	98158	268684	3.73%	0.321%
71	16.503	1267	1270	1272	rVV	130667	237100	3.29%	0.283%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.583	1272	1277	1281	rVV5	121337	456312	6.34%	0.545%
73	16.663	1281	1284	1292	rVB7	91820	355951	4.95%	0.425%
74	16.788	1292	1295	1299	rBV	53476	127760	1.78%	0.153%
75	16.903	1301	1305	1312	rBV2	206100	692322	9.62%	0.827%
76	17.074	1318	1320	1326	rVB3	75107	179347	2.49%	0.214%
77	17.177	1326	1329	1331	rBV4	37808	89476	1.24%	0.107%
78	17.577	1361	1364	1367	rBV4	33345	93835	1.30%	0.112%
79	17.760	1377	1380	1388	rVB4	119944	344589	4.79%	0.411%
80	18.000	1398	1401	1405	rBV2	44250	114940	1.60%	0.137%
81	18.503	1440	1445	1450	rBV8	35177	129413	1.80%	0.155%
82	18.629	1452	1456	1462	rVB5	110415	337682	4.69%	0.403%

Sum of corrected areas: 83758901

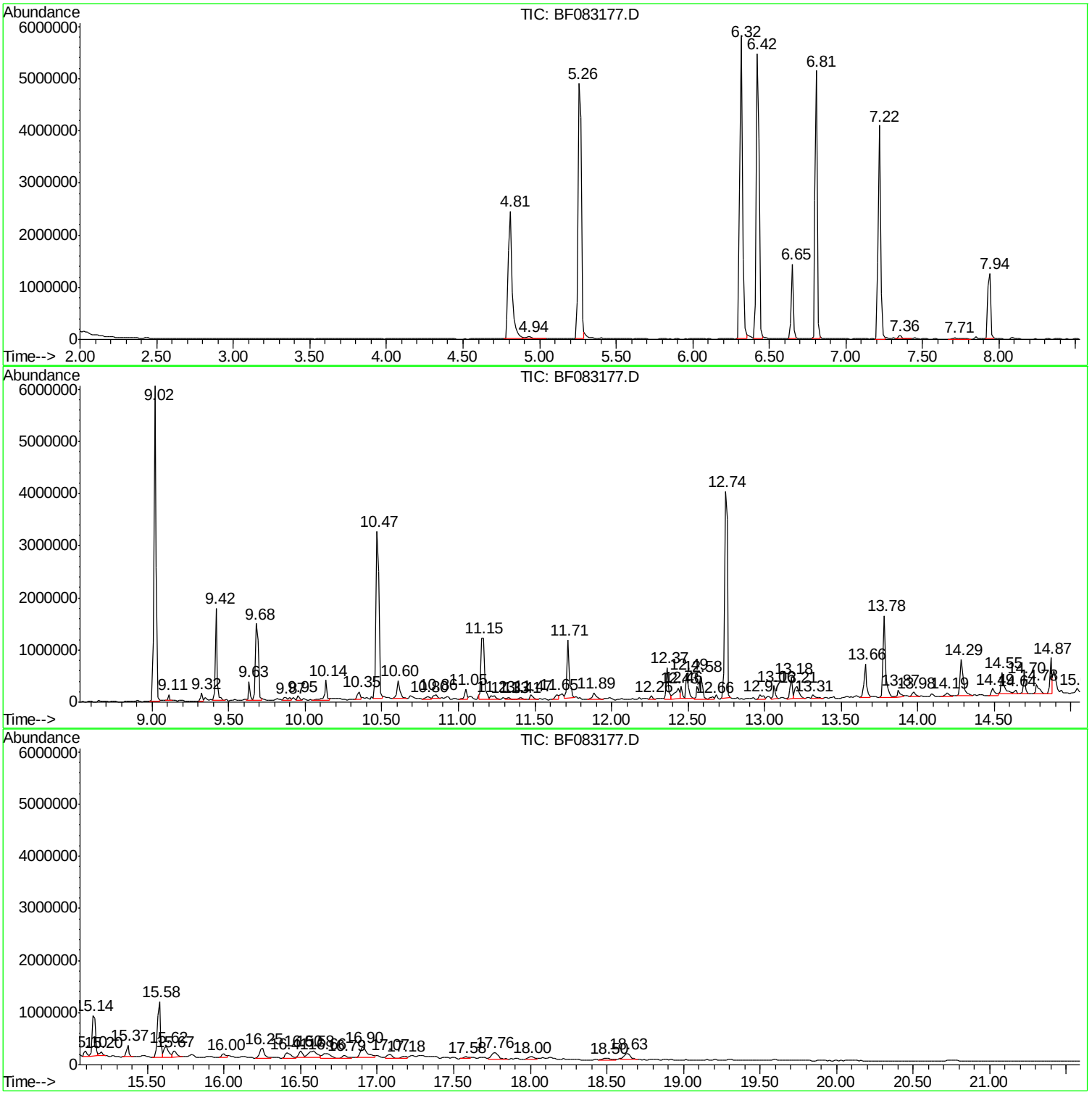
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

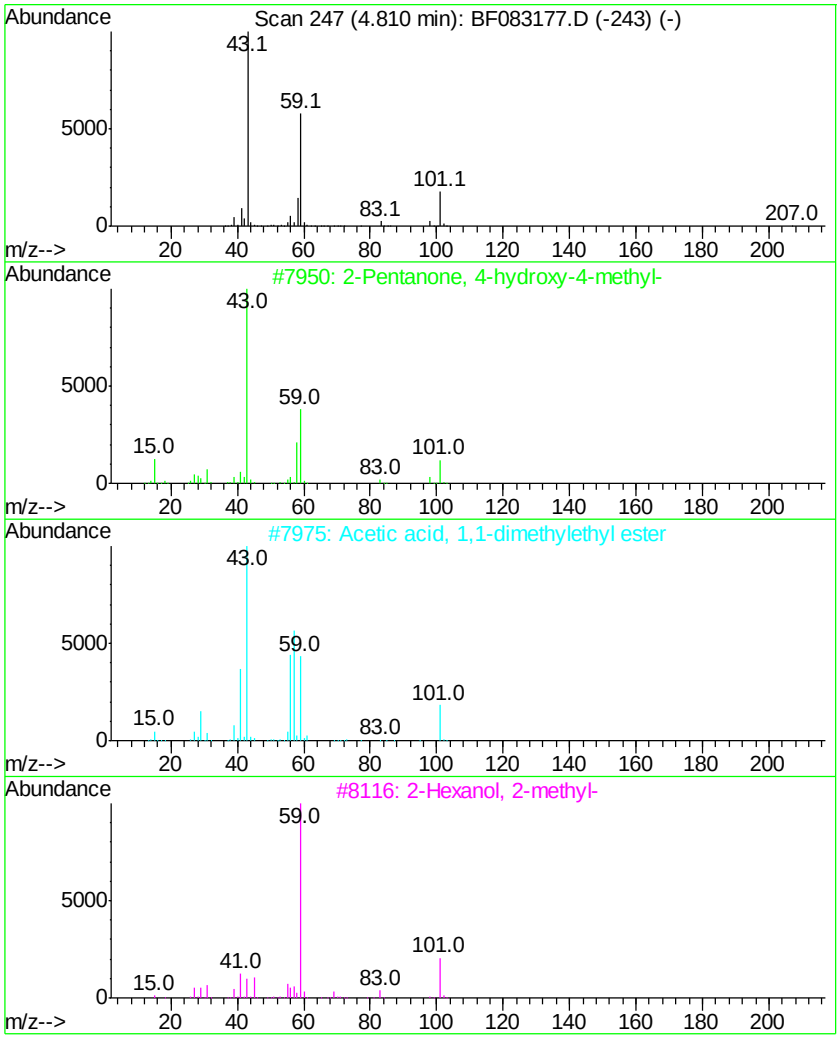
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

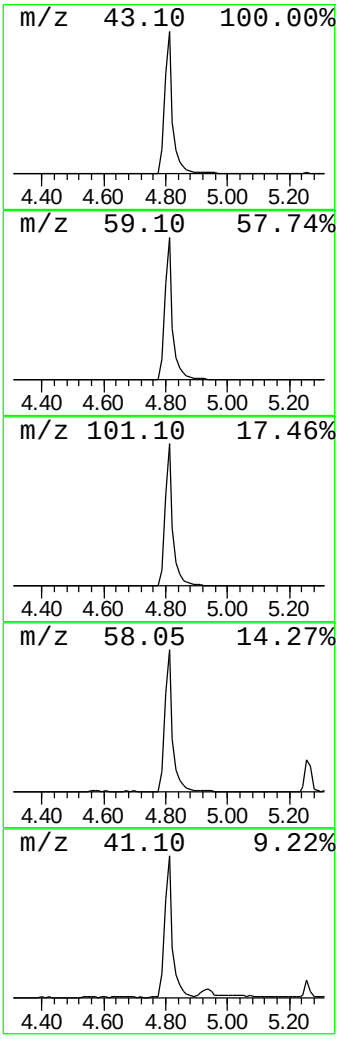
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	64.40 ng	4265880	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

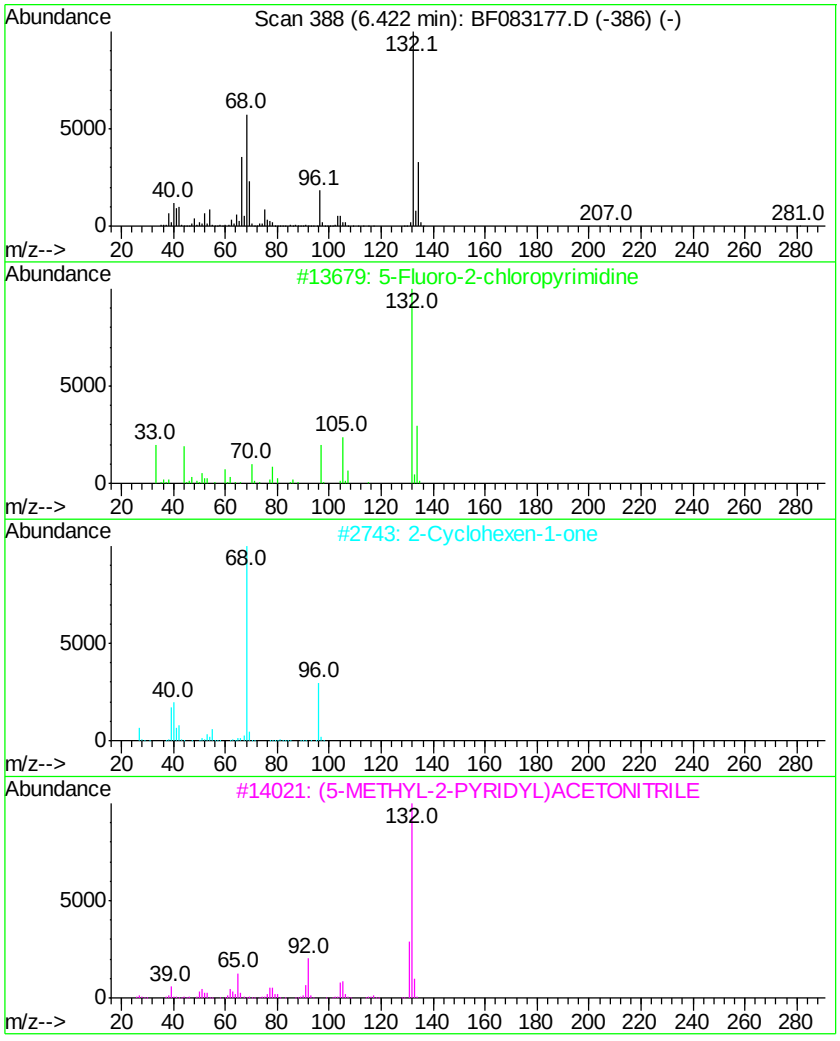
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

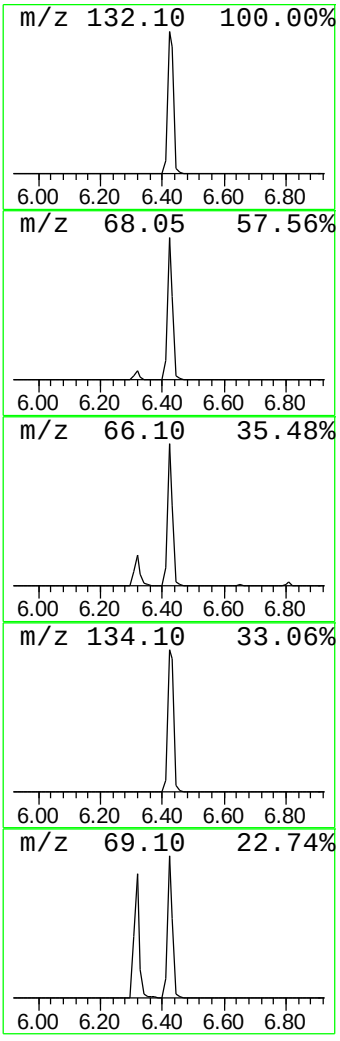
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	104.56 ng	6925490	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

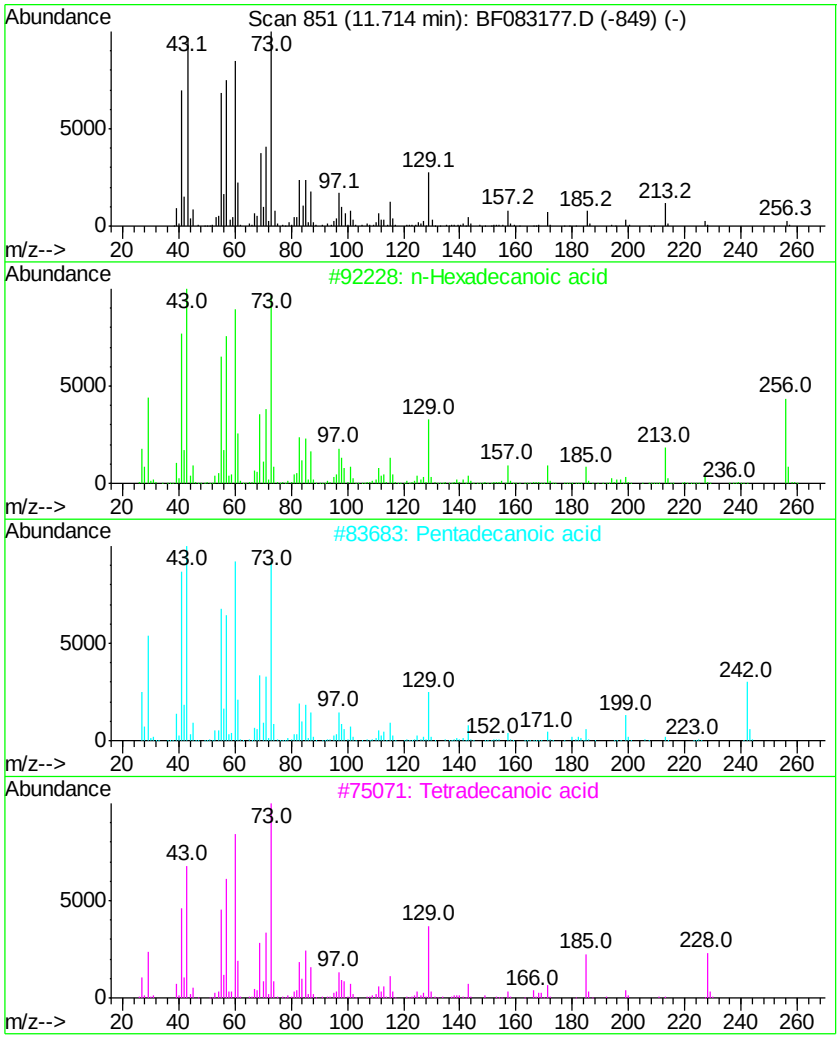
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

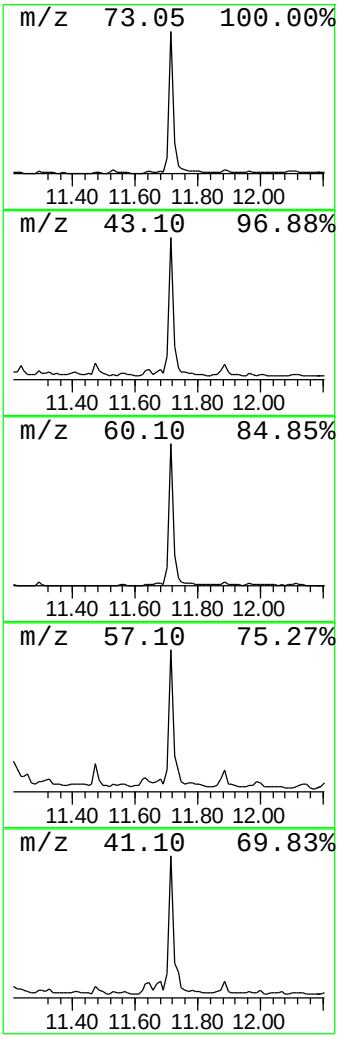
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	12.85 ng	1196140	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

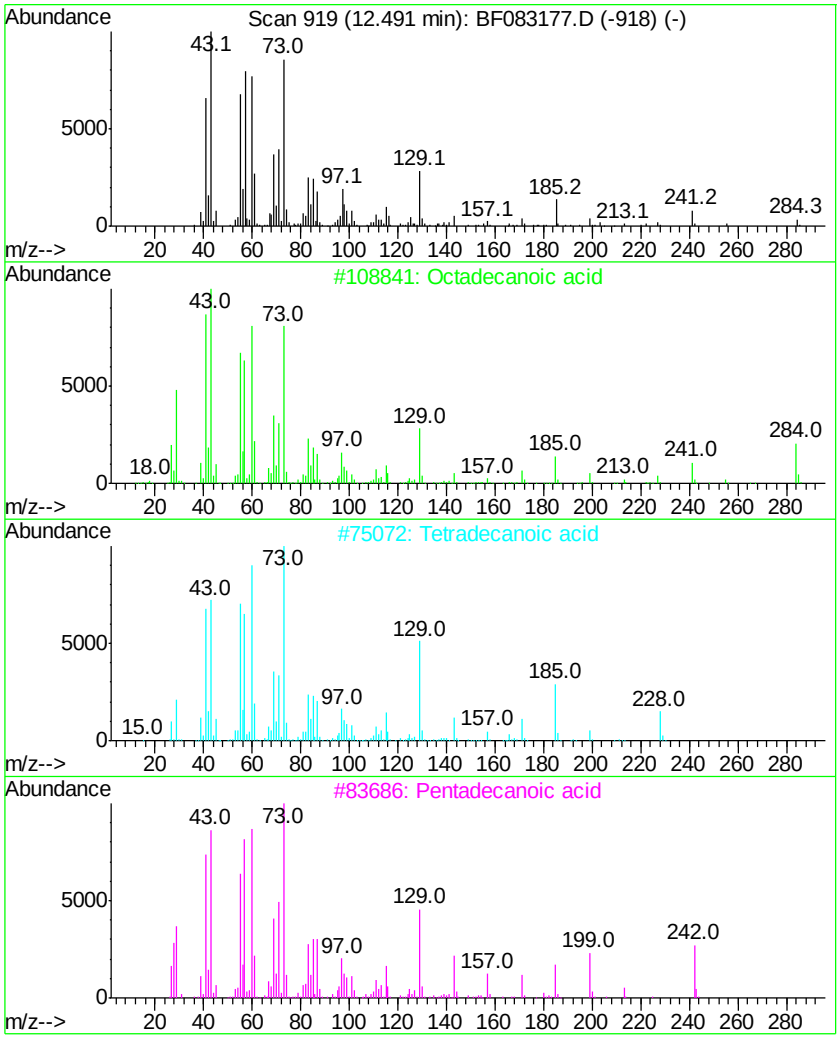
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

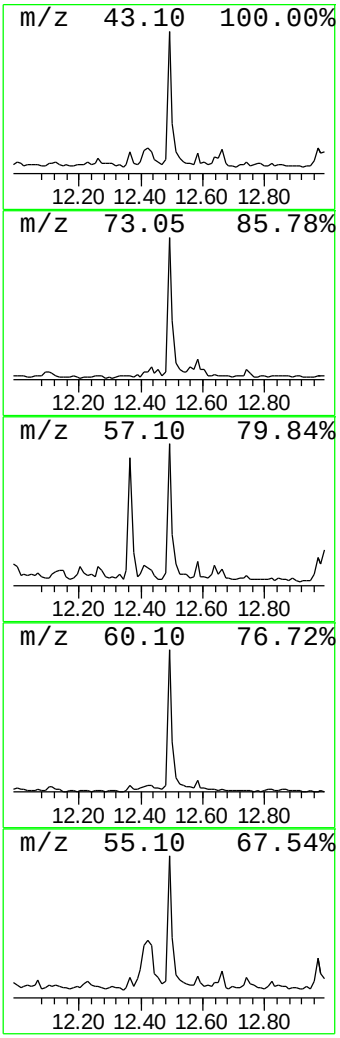
****

Peak Number 5 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	5.88 ng	538788	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

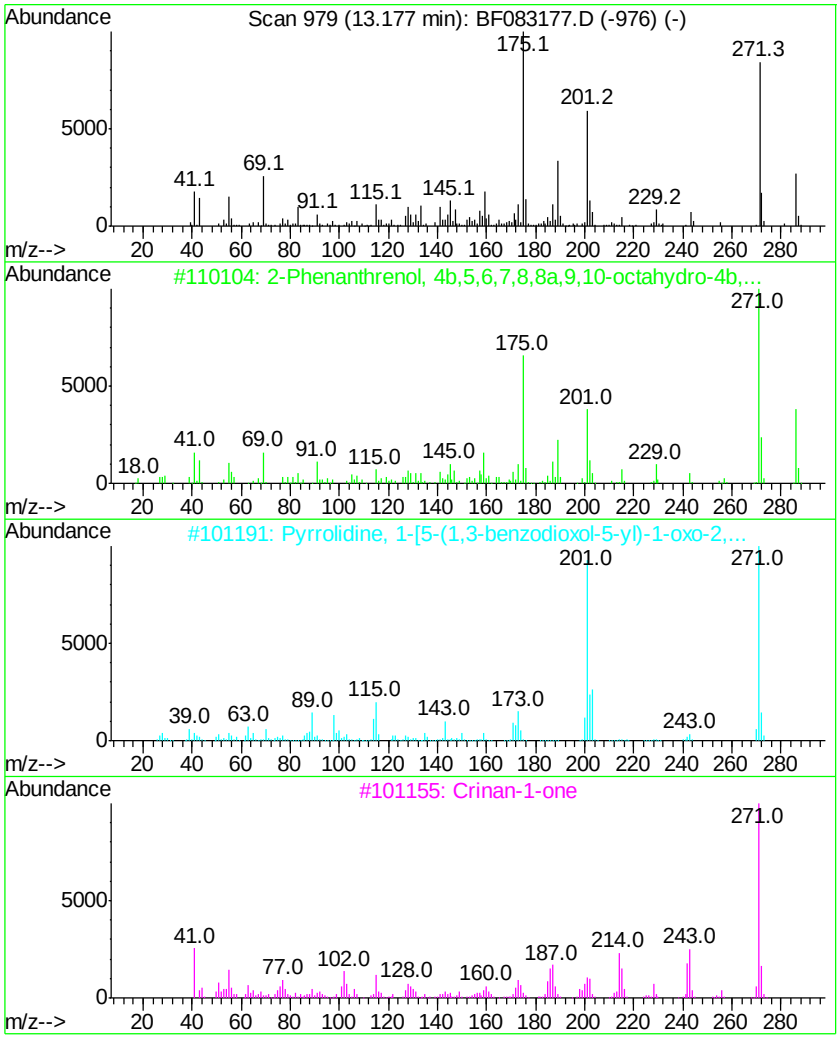
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

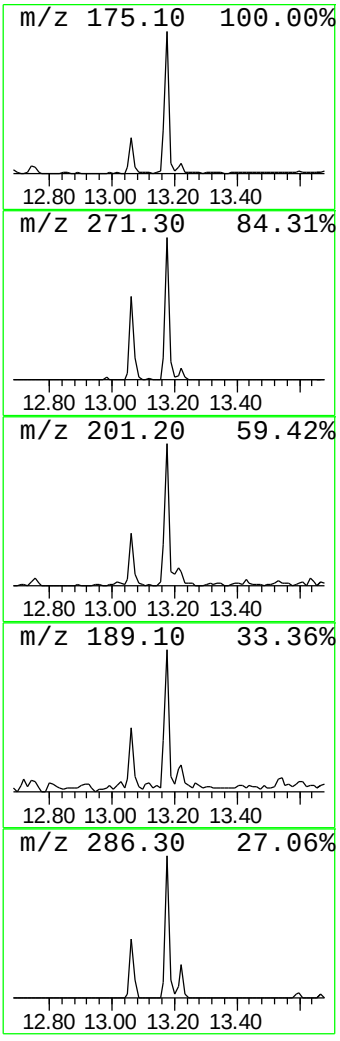
****

Peak Number 6 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	4.88 ng	446647	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	97
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	45
3	Crinan-1-one	271	C16H17NO3	098301-98-5	22
4	Quinoline, 3-(methylthio)-	175	C10H9NS	051934-46-4	18
5	Oxazole, 2-(1-naphthalenyl)-5-ph...	271	C19H13NO	000846-63-9	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

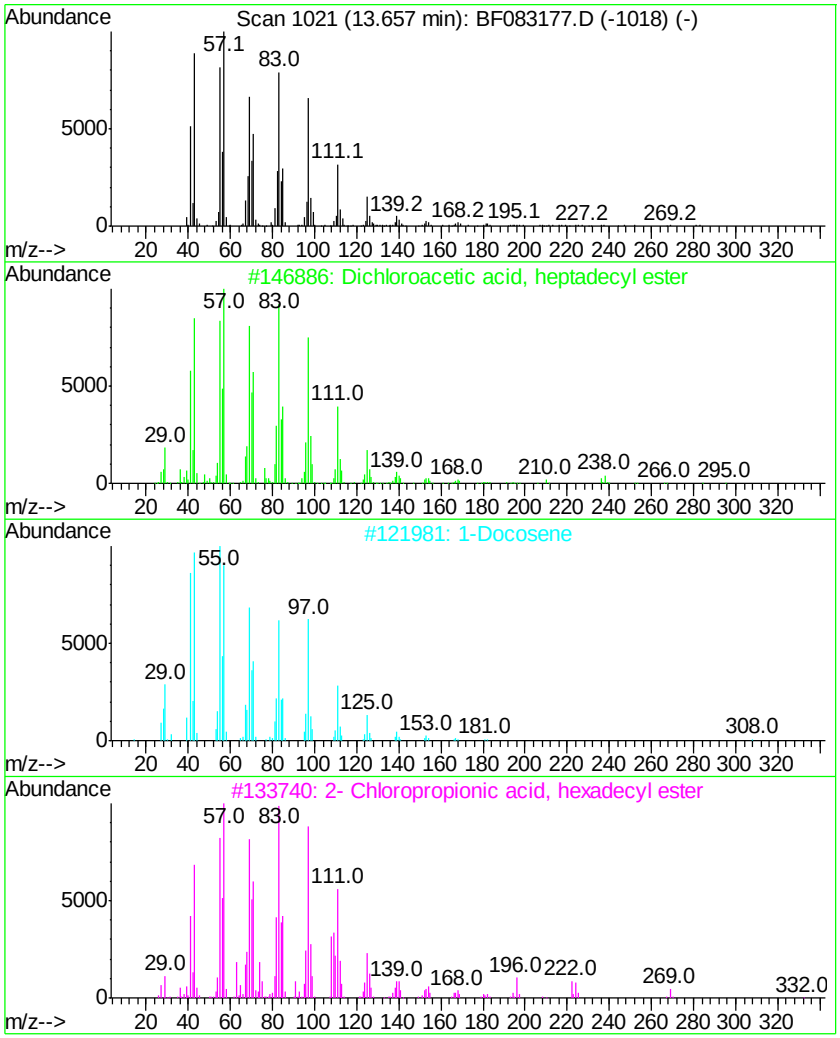
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

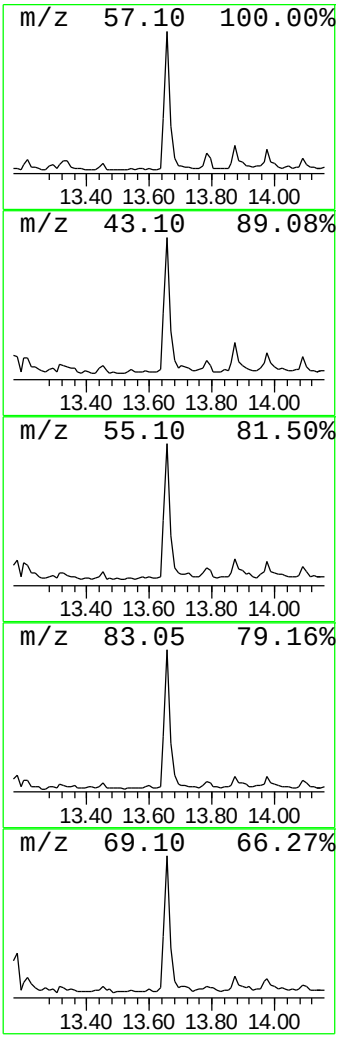
****

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	9.64 ng	882637	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

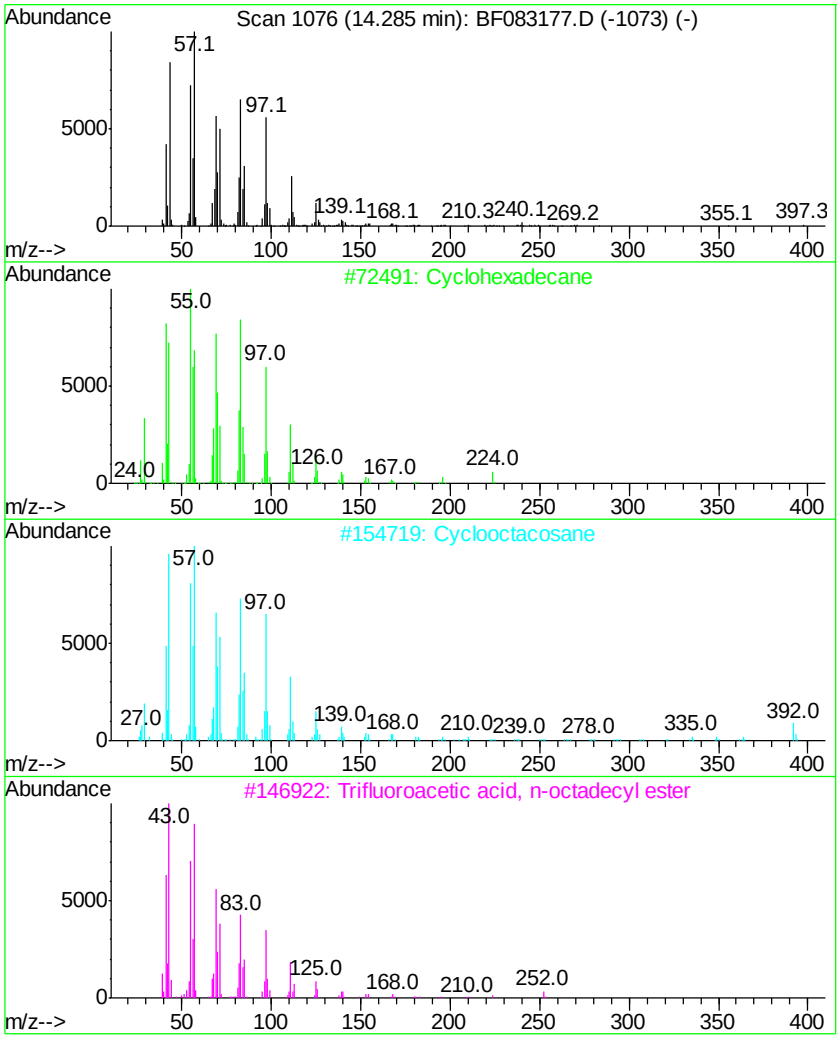
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

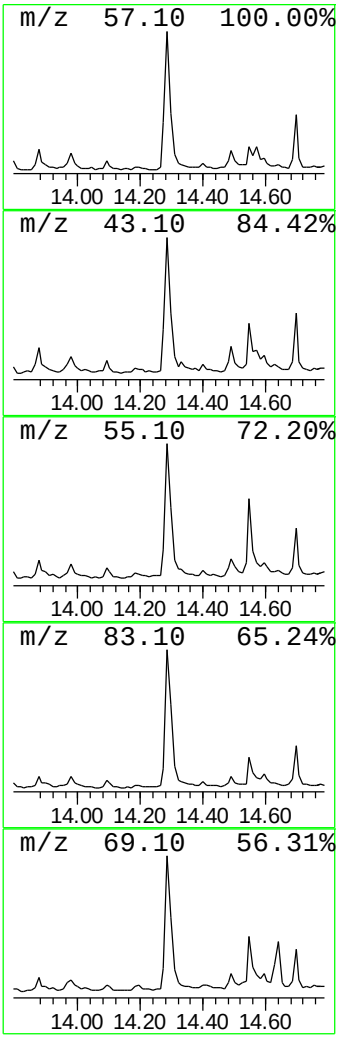
****

Peak Number 8 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	11.06 ng	1012670	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Cyclooctacosane	392	C28H56	000297-24-5	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

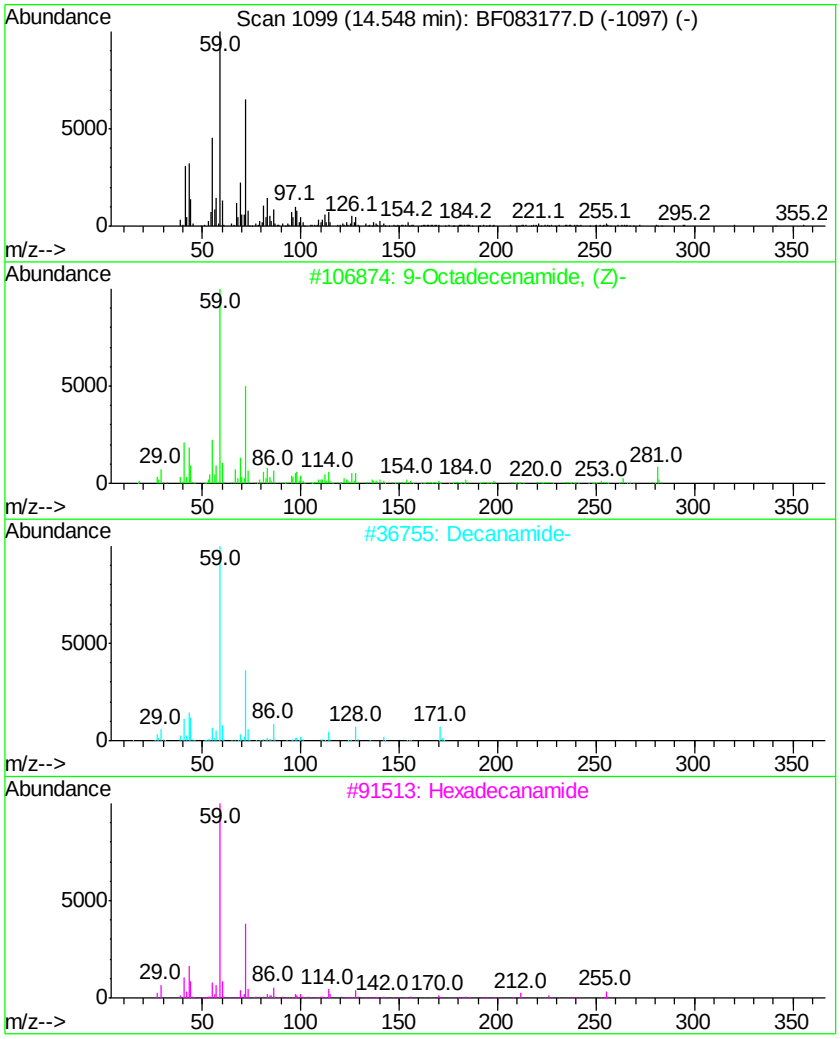
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

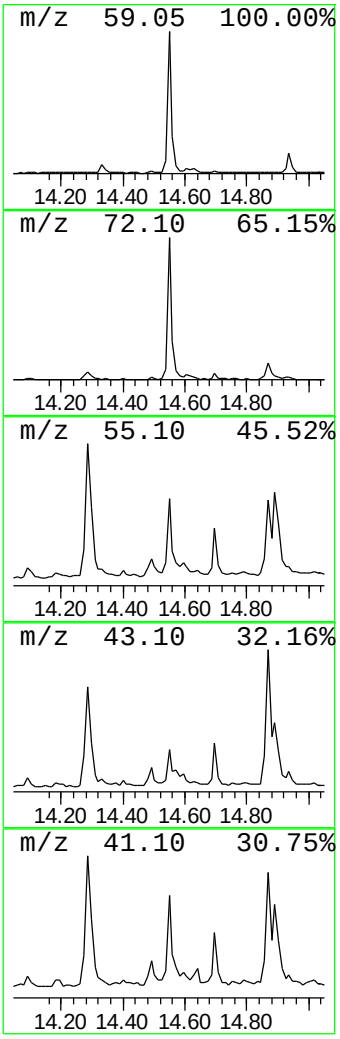
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	10.18 ng	595398	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2	Decanamide-	171	C10H21NO	002319-29-1	64
3	Hexadecanamide	255	C16H33NO	000629-54-9	64
4	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	53
5	Dodecanamide	199	C12H25NO	001120-16-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

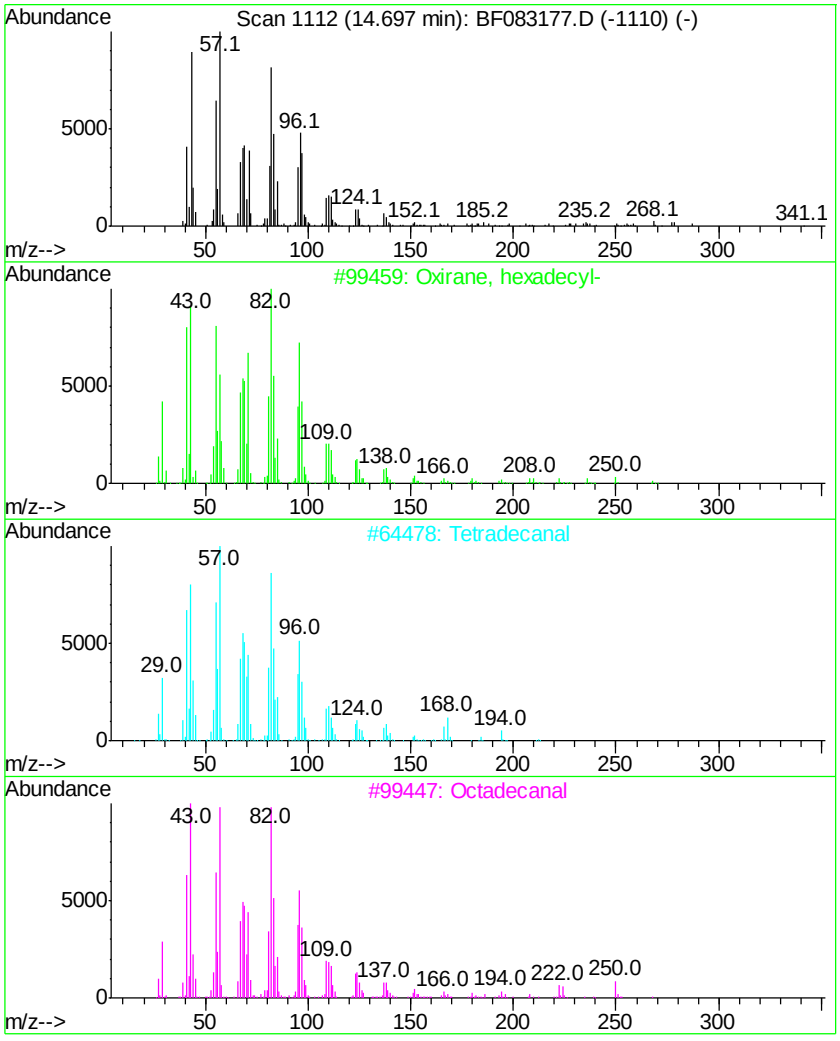
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

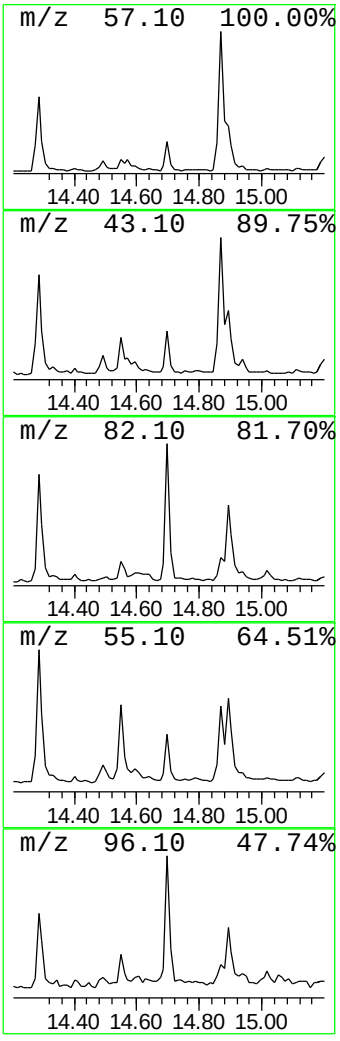
****

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	4.96 ng	289869	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Tetradecanal	212	C14H28O	000124-25-4	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	16-Octadecenal	266	C18H34O	056554-87-1	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

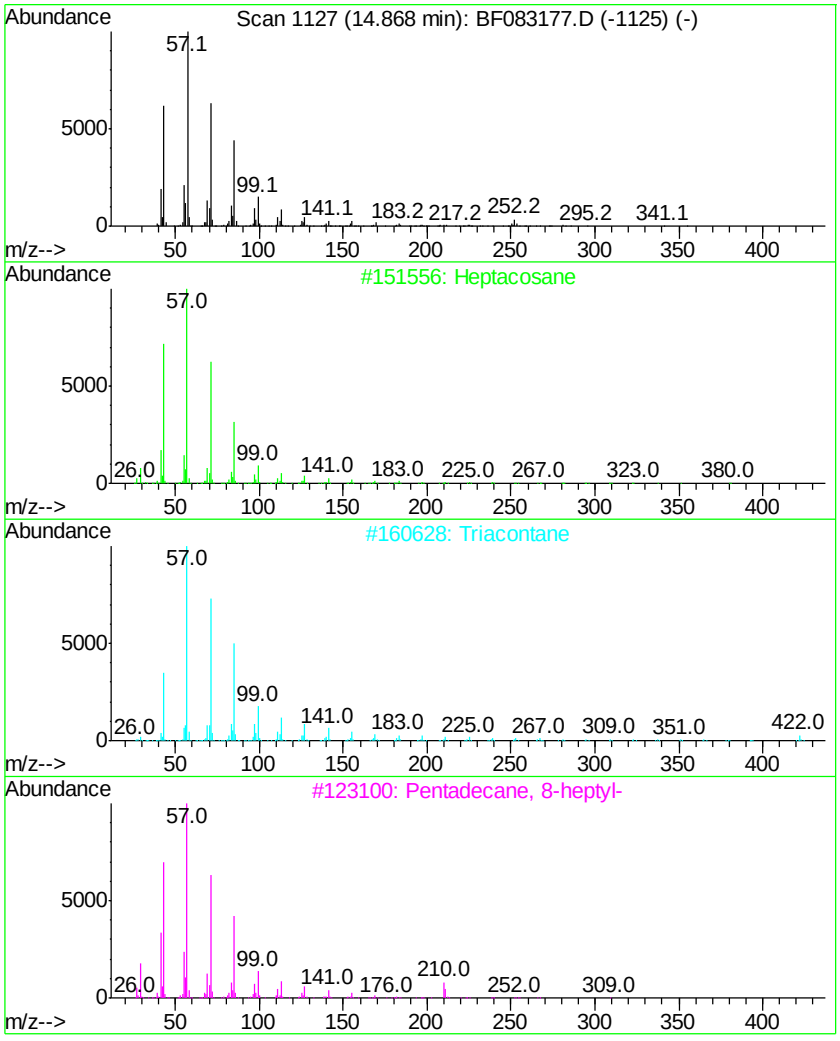
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

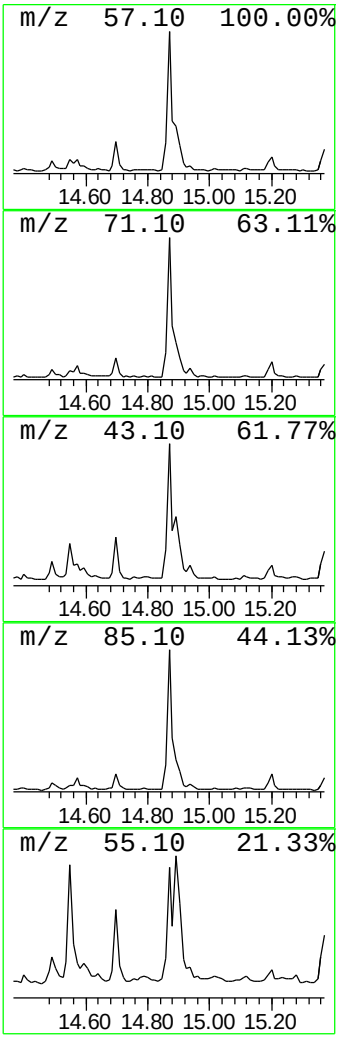
****

Peak Number 11 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	13.07 ng	764176	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Triacontane	422	C30H62	000638-68-6	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

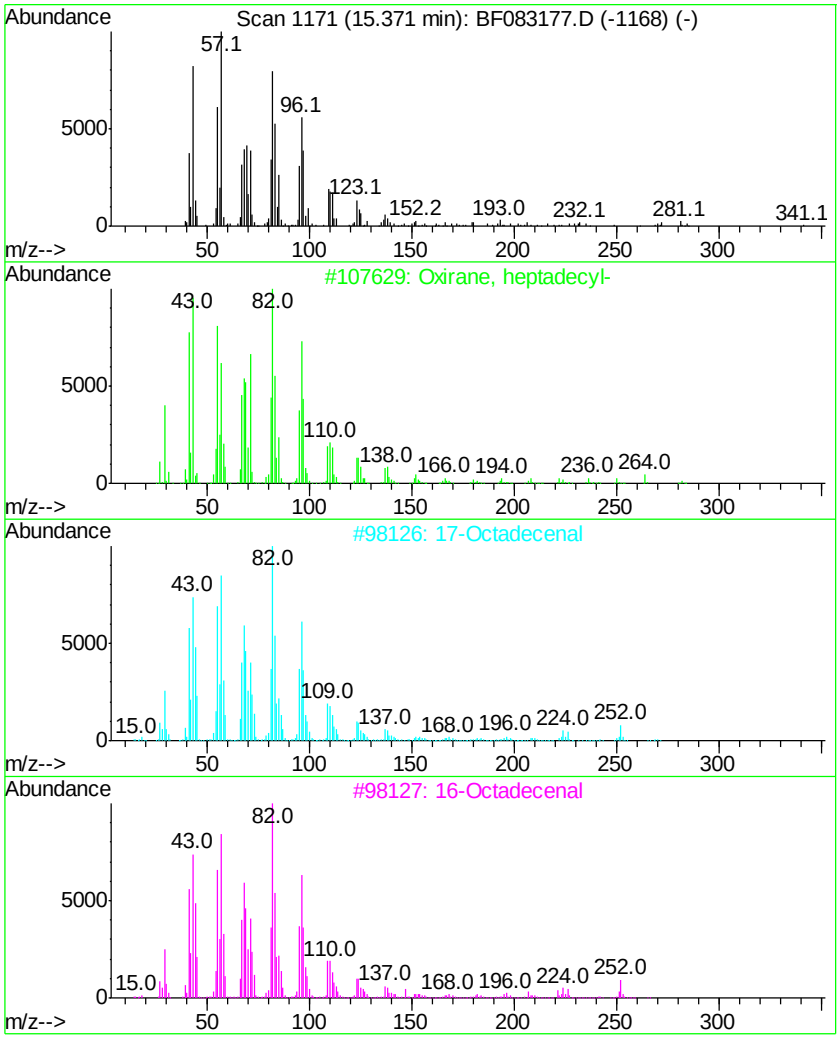
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

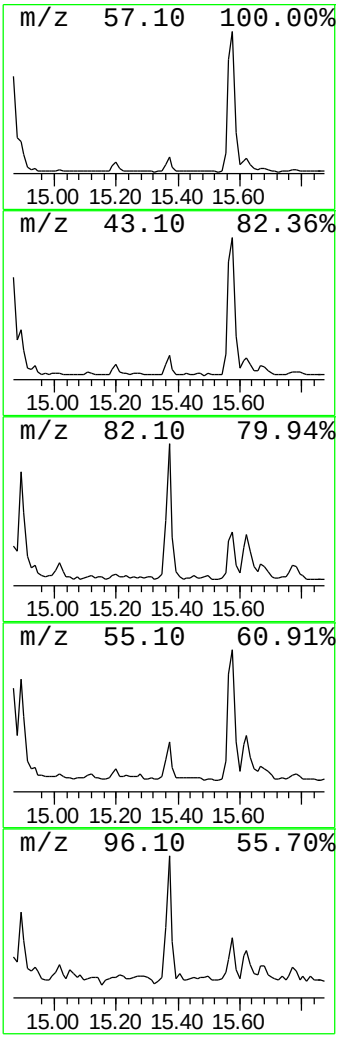
****

Peak Number 12 Oxirane, heptadecyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.03 ng	294427	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
2	17-Octadecenal	266	C18H34O	056554-86-0	86
3	16-Octadecenal	266	C18H34O	056554-87-1	86
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	86
5	1,19-Eicosadiene	278	C20H38	014811-95-1	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

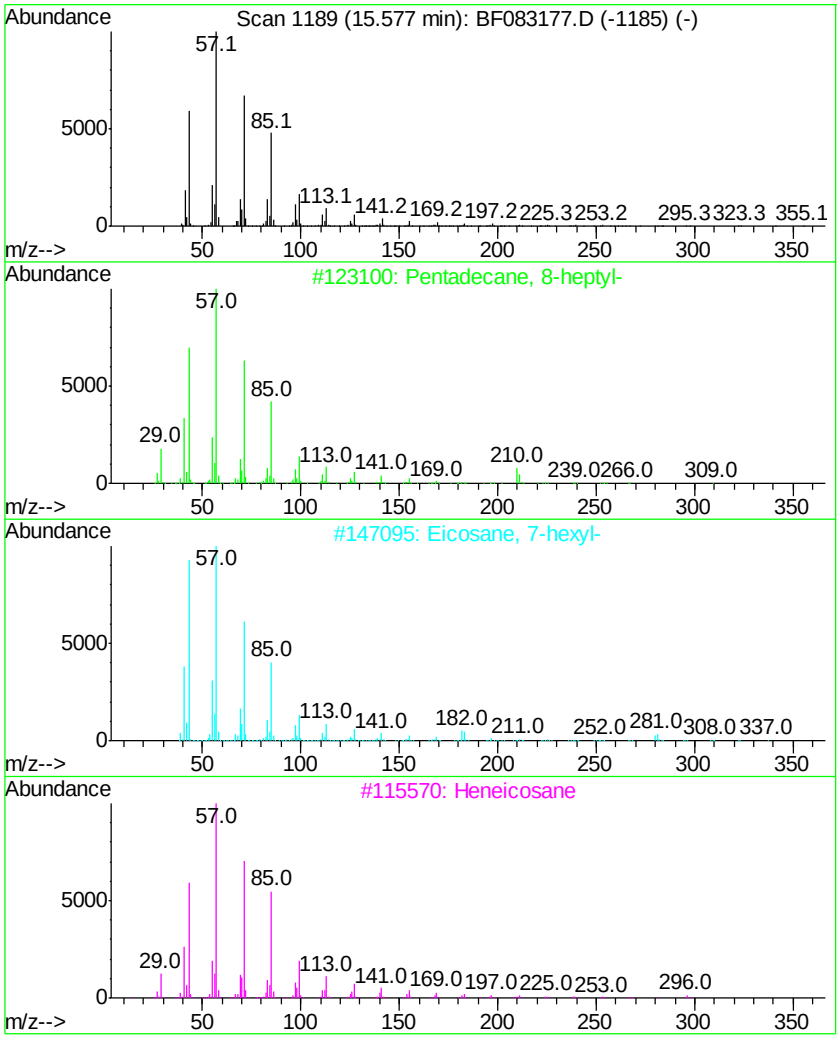
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

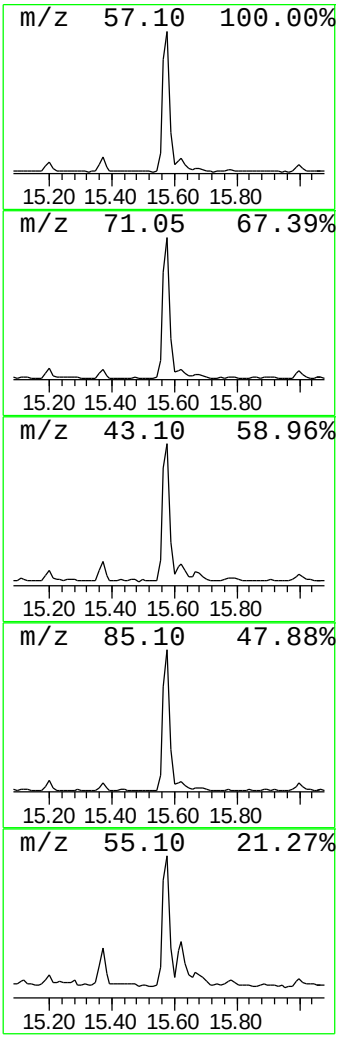
****

Peak Number 13 Pentadecane, 8-heptyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	28.11 ng	1644020	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octacosane	394	C28H58	000630-02-4	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

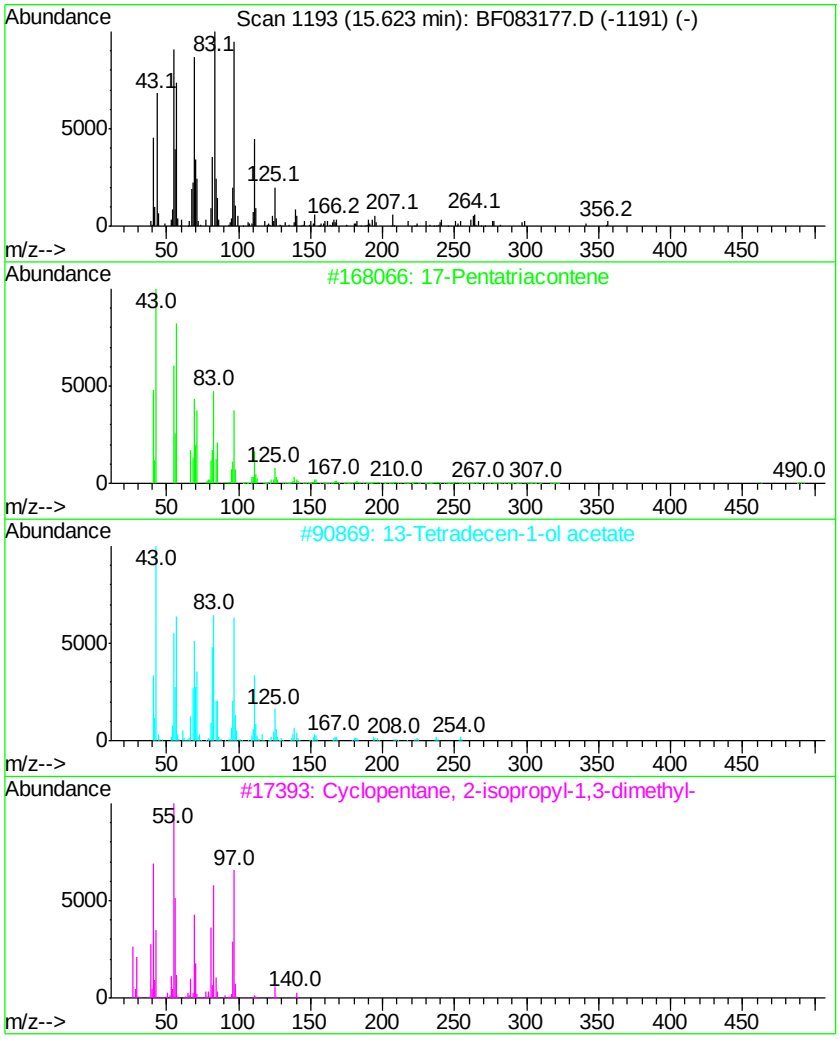
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

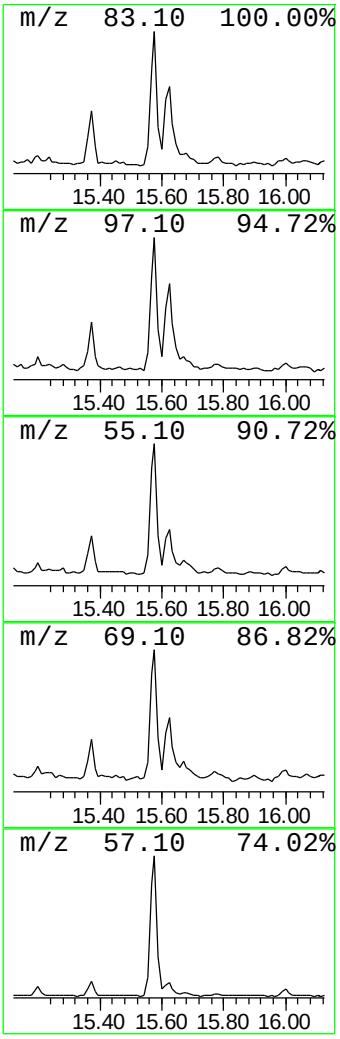
****

Peak Number 14 17-Pentatriacontene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	6.93 ng	405485	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	72
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	70
3	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	52
4	Oxirane, 2-decyl-3-(5-methylhexy...	282	C19H38O	057457-72-4	46
5	4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

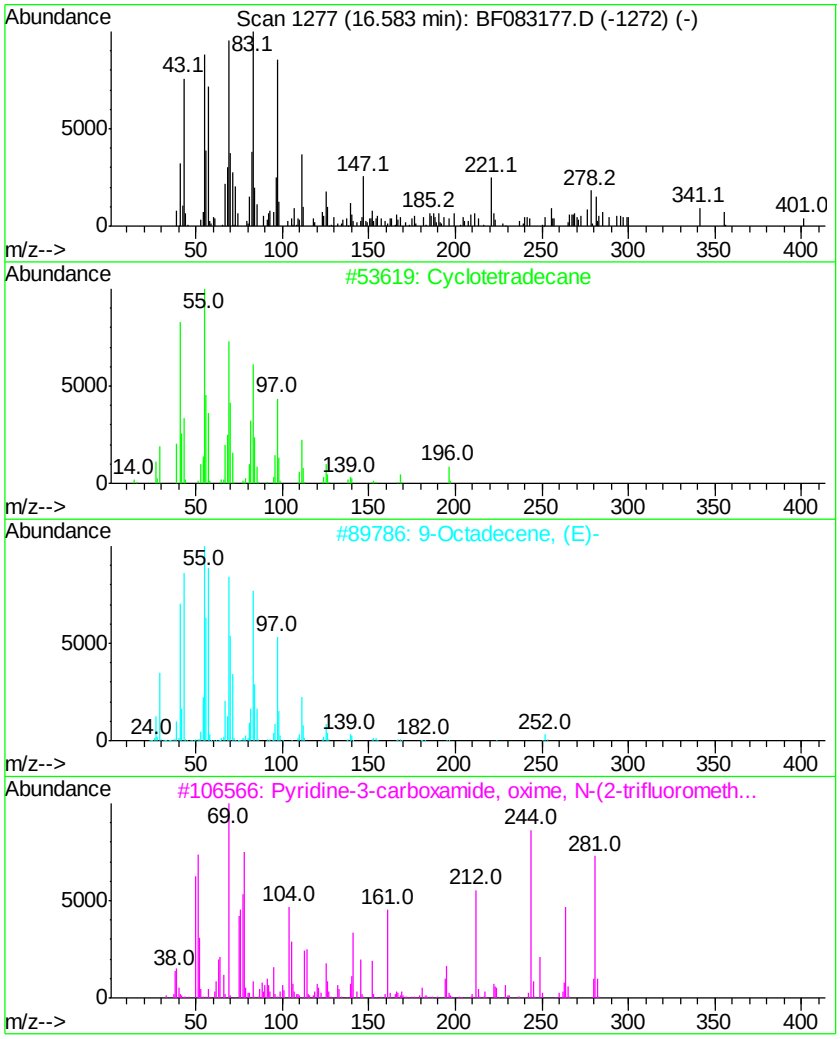
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

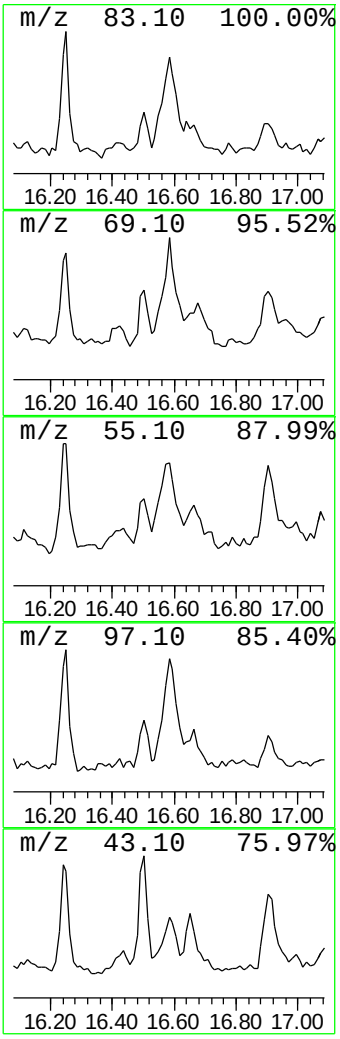
****

Peak Number 16 Cyclotetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	7.80 ng	456312	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	68
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	64
3	Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	59
4	7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	59
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

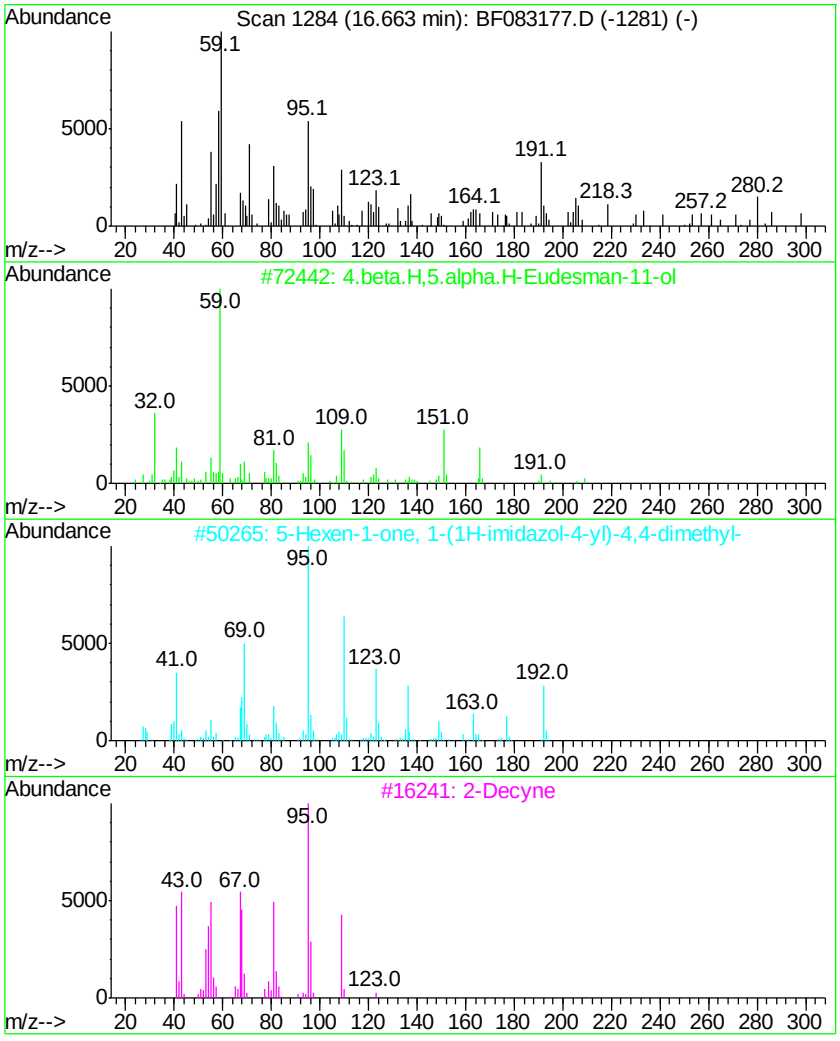
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

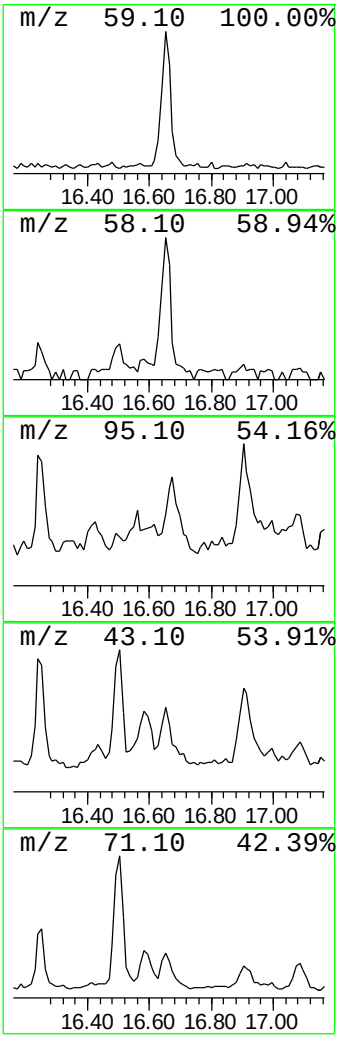
****

Peak Number 17 unknown16.66 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	6.09 ng	355951	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4.beta.H,5.alpha.H-Eudesman-11-ol	224	C15H28O	031756-53-3	43
2	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	15
3	2-Decyne	138	C10H18	002384-70-5	14
4	7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	14
5	1,4-Di-O-acetyl-2,5-di-O-methyl-...	262	C12H22O6	1000101-82-1	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

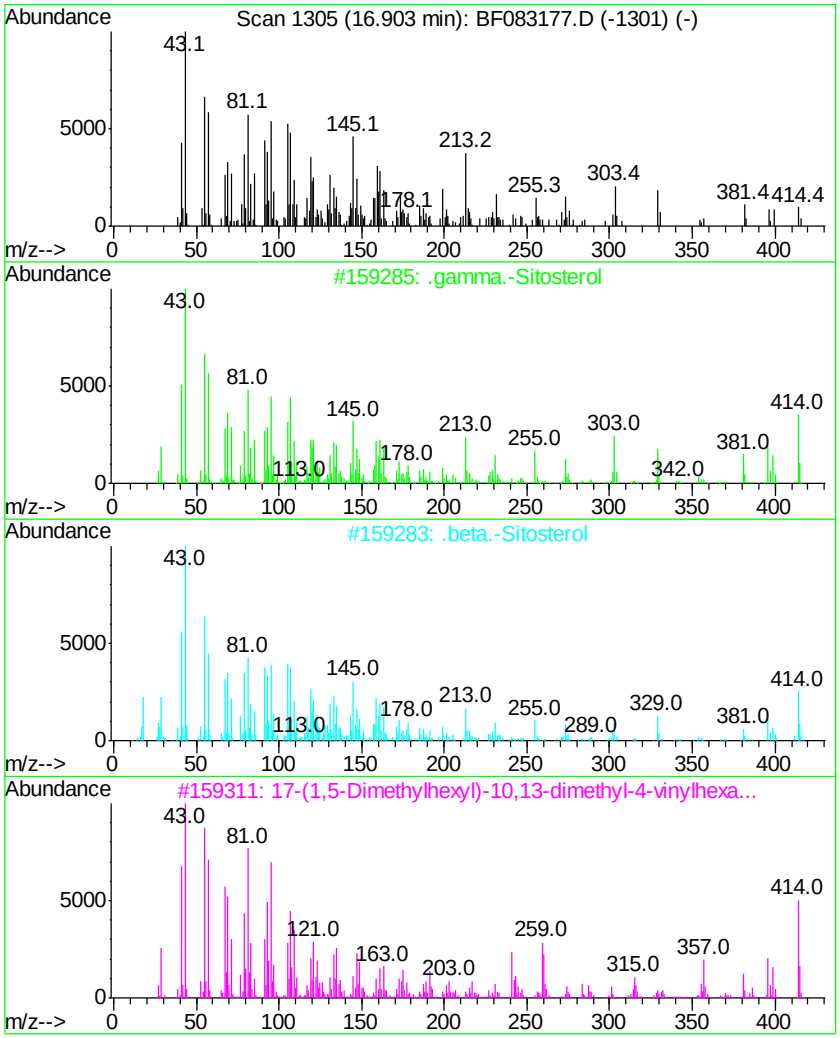
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

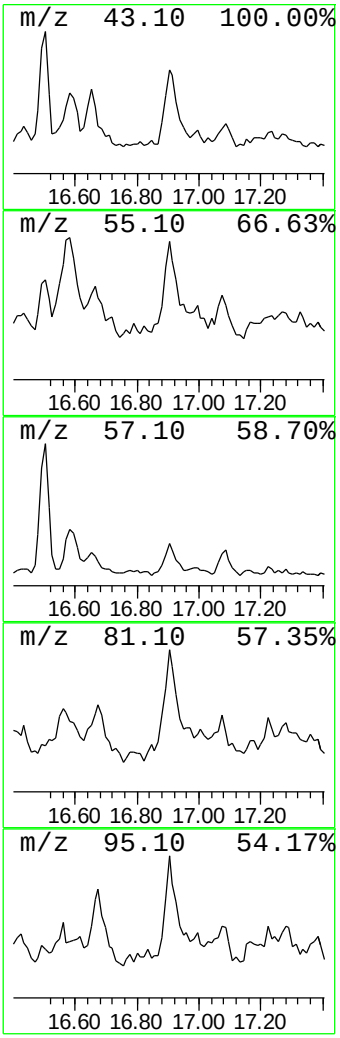
****

Peak Number 18 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	11.84 ng	692322	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	93
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	74
3	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	55
4	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	32
5	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

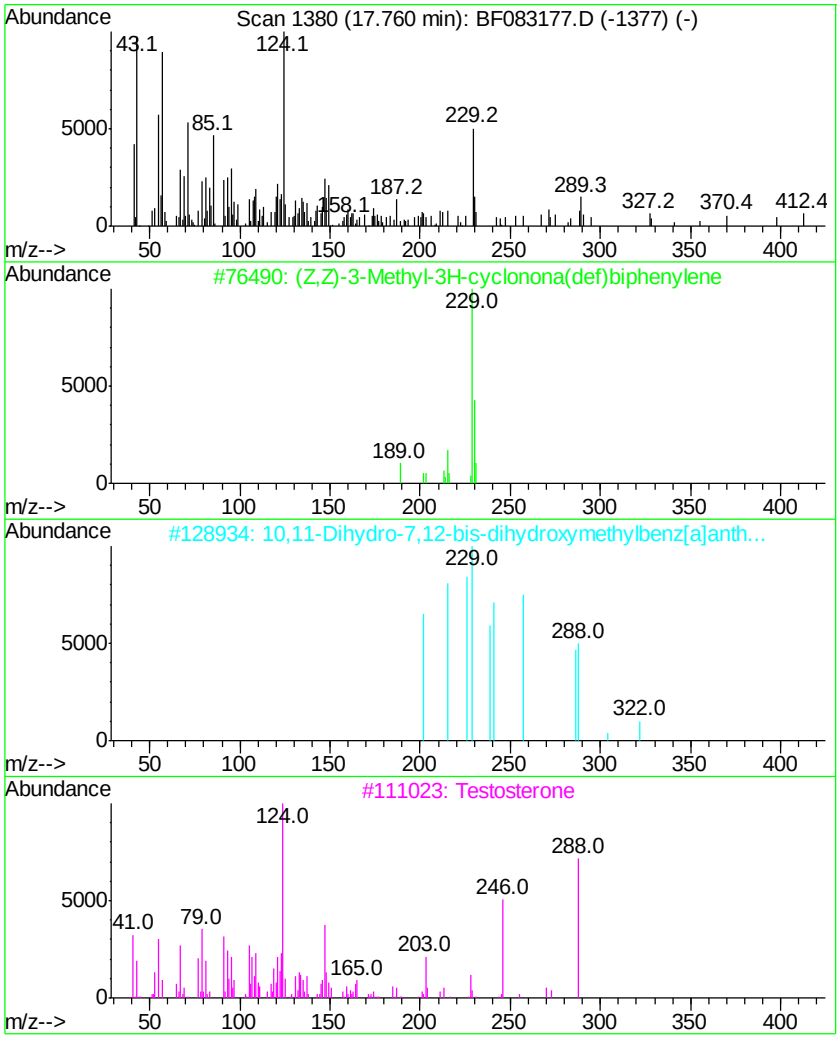
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

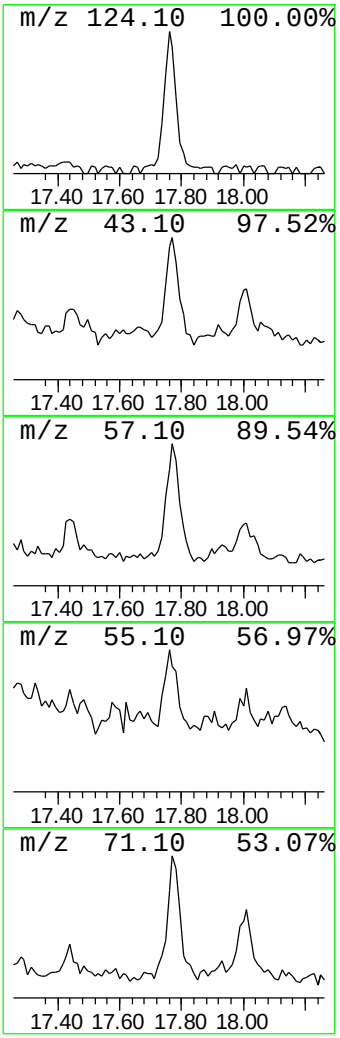
****

Peak Number 19 (Z,Z)-3-Methyl-3H-cyclonona... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	5.89 ng	344589	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z,Z)-3-Methyl-3H-cyclonona(def)...	230	C18H14	110823-80-8	64
2	10,11-Dihydro-7,12-bis-dihydroxy...	322	C20H18O4	073033-94-0	60
3	Testosterone	288	C19H28O2	000058-22-0	45
4	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	38
5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

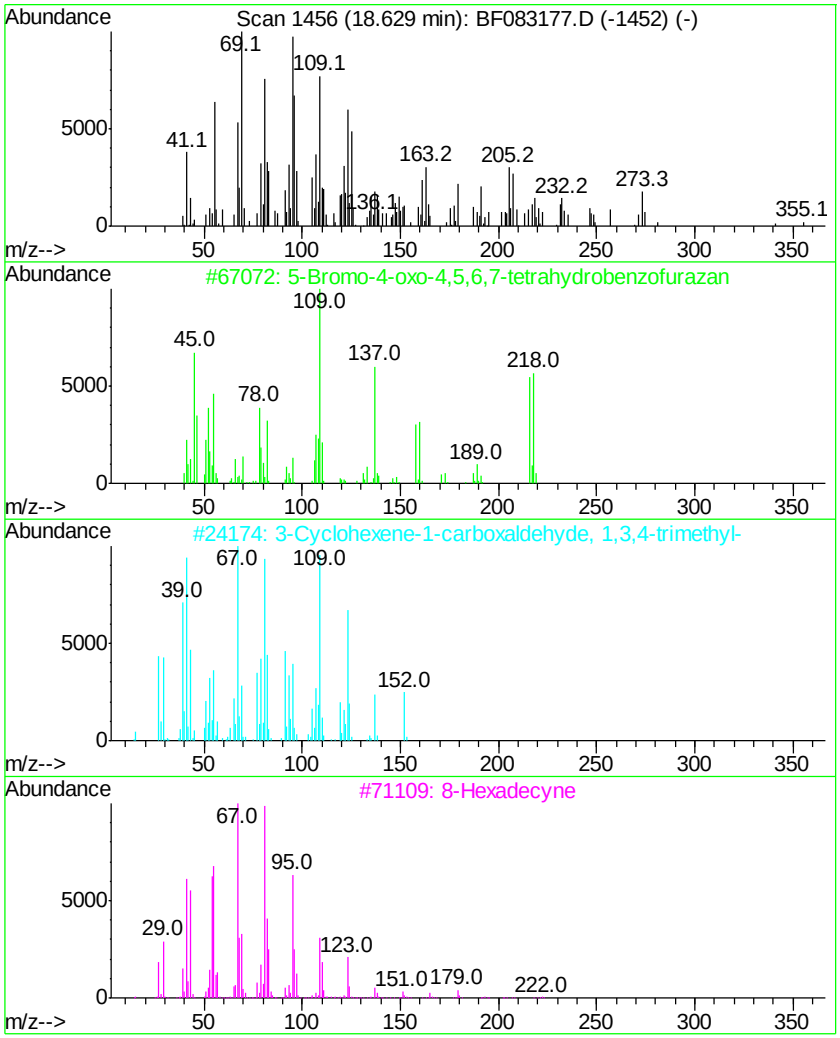
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

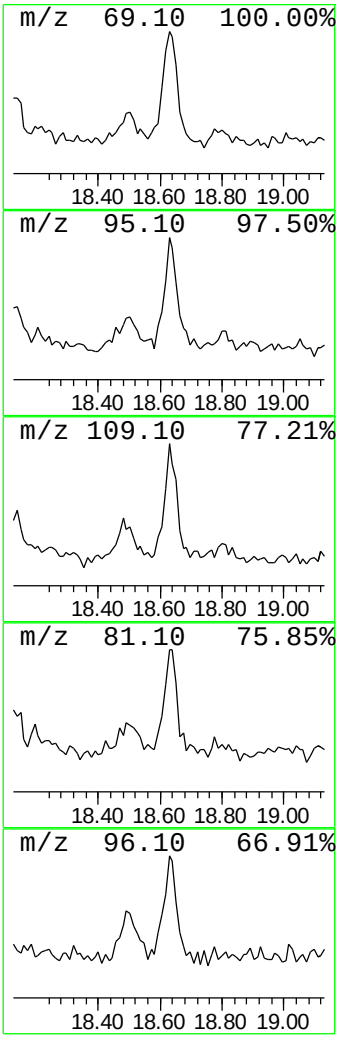
****

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	5.77 ng	337682	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
2	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	52
3	8-Hexadecyne	222	C16H30	019781-86-3	49
4	Sesquirosefuran	218	C15H22O	039007-93-7	47
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112215\
Data File : BF083177.D
Acq On : 23 Nov 2015 00:06
Operator : UM/IZ
Sample : G4496-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A17-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.81	64.4	ng	4265880	1	6.65	1324760	20.0
unknown6.42	6.42	104.6	ng	6925490	1	6.65	1324760	20.0
n-Hexadecanoic acid	11.71	12.9	ng	1196140	4	11.16	1861530	20.0
Octadecanoic acid	12.49	5.9	ng	538788	5	13.78	1831380	20.0
2-Phenanthrenol, ...	13.18	4.9	ng	446647	5	13.78	1831380	20.0
Dichloroacetic ac...	13.66	9.6	ng	882637	5	13.78	1831380	20.0
Cyclohexadecane	14.29	11.1	ng	1012670	5	13.78	1831380	20.0
9-Octadecenamide,...	14.55	10.2	ng	595398	6	15.15	1169750	20.0
Oxirane, hexadecyl-	14.70	5.0	ng	289869	6	15.15	1169750	20.0
Heptacosane	14.87	13.1	ng	764176	6	15.15	1169750	20.0
Oxirane, heptadecyl-	15.37	5.0	ng	294427	6	15.15	1169750	20.0
Pentadecane, 8-he...	15.58	28.1	ng	1644020	6	15.15	1169750	20.0
17-Pentatriacontene	15.62	6.9	ng	405485	6	15.15	1169750	20.0
Cyclotetradecane	16.58	7.8	ng	456312	6	15.15	1169750	20.0
unknown16.66	16.66	6.1	ng	355951	6	15.15	1169750	20.0
.gamma.-Sitosterol	16.90	11.8	ng	692322	6	15.15	1169750	20.0
(Z,Z)-3-Methyl-3H...	17.76	5.9	ng	344589	6	15.15	1169750	20.0
5-Bromo-4-oxo-4,5...	18.63	5.8	ng	337682	6	15.15	1169750	20.0