LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083179.D
Acq On : 23 Nov 2015 1:05
Operator : UM/IZ
Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-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	4.798	243	246	253	rBV	1786940	3130942	52.56%	3.381%
2	4.936	253	258	262	rVB	40714	115161	1.93%	0.124%
3	5.256	283	286	289	rBV	4603750	5094420	85.52%	5.501%
4	6.319	376	379	381	rBV	5248091	5957200	100.00%	6.433%
5	6.422	386	388	391	rBV	5095533	5099747	85.61%	5.507%
6	6.650	405	408	410	rBV	1337107	1316041	22.09%	1.421%
7	6.810	419	422	424	rBV	3493715	4188796	70.31%	4.523%
8	7.222	455	458	460	rBV	3546325	3726014	62.55%	4.024%
9	7.930	518	520	523	rBV	1188521	1699122	28.52%	1.835%
10	9.016	612	615	618	rBV	5753396	5574550	93.58%	6.020%
11	9.107	620	623	626	rVV	113081	129706	2.18%	0.140%
12	9.416	648	650	655	rBV	1378011	1290289	21.66%	1.393%
13	9.633	667	669	671	rVB	322991	288837	4.85%	0.312%
14	9.679	671	673	676	rBV	1462738	1901952	31.93%	2.054%
15	10.136	709	713	714	rBV	333305	364040	6.11%	0.393%
16	10.353	729	732	733	rBV	111838	149055	2.50%	0.161%
17	10.468	740	742	745	rBV	2906592	3265138	54.81%	3.526%
18	10.605	752	754	758	rBV	353522	416885	7.00%	0.450%
19	10.696	759	762	764	rVV3	62591	109710	1.84%	0.118%
20	10.856	773	776	778	rVV3	154644	245626	4.12%	0.265%
21	11.051	789	793	794	rBV2	203040	222216	3.73%	0.240%
22	11.073	794	795	799	rVB	56407	81230	1.36%	0.088%
23	11.153	799	802	806	rBV	1289081	2444383	41.03%	2.640%
24	11.233	806	809	813	rVB2	164069	261457	4.39%	0.282%
25	11.405	821	824	828	rBV	98979	154871	2.60%	0.167%
26	11.473	828	830	834	rVV3	320610	557177	9.35%	0.602%
27	11.656	841	846	849	rVV3	329395	712273	11.96%	0.769%
28	11.713	849	851	855	rVV	1304850	1662148	27.90%	1.795%
29	11.771	855	856	861	rVB2	93023	137547	2.31%	0.149%
30	11.896	861	867	871	rBV3	591600	1160468	19.48%	1.253%
31	11.965	871	873	874	rVV2	187887	269544	4.52%	0.291%
32	12.056	878	881	884	rVV3	153982	338564	5.68%	0.366%
33	12.136	885	888	891	rVV2	216562	288183	4.84%	0.311%
34	12.182	891	892	894	rVV	377670	463409	7.78%	0.500%

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Misc :
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Instrument : BNA_F
ClientSampleId : A19-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.228	894	896	898	rVV3	142351	298929	5.02%	0.323%
36	12.274	898	900	901	rVV	235941	346887	5.82%	0.375%
37	12.296	901	902	903	rVV	152923	160184	2.69%	0.173%
38	12.331	903	905	906	rVV2	207412	307163	5.16%	0.332%
39	12.365	906	908	909	rVV	1019032	1075742	18.06%	1.162%
40	12.388	909	910	913	rVV3	325562	633048	10.63%	0.684%
41	12.456	913	916	918	rVV2	1483180	2519658	42.30%	2.721%
42	12.491	918	919	923	rVV2	695101	915457	15.37%	0.989%
43	12.582	923	927	931	rVV4	1564251	3773753	63.35%	4.075%
44	12.639	931	932	935	rVV3	126483	248803	4.18%	0.269%
45	12.685	935	936	939	rVV	456753	520031	8.73%	0.562%
46	12.742	939	941	944	rVV	3695840	4458259	74.84%	4.814%
47	12.822	946	948	950	rBV	112495	120968	2.03%	0.131%
48	12.879	952	953	956	rVV2	66994	119323	2.00%	0.129%
49	12.994	959	963	964	rBV2	142987	353283	5.93%	0.382%
50	13.016	964	965	967	rVV2	89722	133399	2.24%	0.144%
51	13.062	967	969	971	rVV3	333465	362375	6.08%	0.391%
52	13.119	971	974	975	rVB2	88649	148793	2.50%	0.161%
53	13.176	977	979	980	rBV	136272	177221	2.97%	0.191%
54	13.211	980	982	987	rVB3	337121	628312	10.55%	0.679%
55	13.314	990	991	996	rVB5	119179	191100	3.21%	0.206%
56	13.405	996	999	1000	rVB	97023	118243	1.98%	0.128%
57	13.451	1000	1003	1005	rBV2	145869	170326	2.86%	0.184%
58	13.542	1009	1011	1014	rBV3	48389	106769	1.79%	0.115%
59	13.656	1018	1021	1024	rBV	1162520	1482613	24.89%	1.601%
60	13.782	1029	1032	1038	rBV2	1632997	2127148	35.71%	2.297%
61	13.874	1038	1040	1043	rBV2	387151	522758	8.78%	0.565%
62	13.977	1047	1049	1052	rBV3	125189	200462	3.37%	0.216%
63	14.091	1058	1059	1062	rVB	118682	141989	2.38%	0.153%
64	14.194	1064	1068	1071	rBV3	103556	221650	3.72%	0.239%
65	14.285	1074	1076	1079	rBV	1271850	1589406	26.68%	1.716%
66	14.399	1085	1086	1091	rVB3	62168	100781	1.69%	0.109%
67	14.491	1092	1094	1098	rBV	604502	790230	13.27%	0.853%
68	14.548	1098	1099	1102	rVV2	235502	395283	6.64%	0.427%
69	14.594	1102	1103	1105	rVV	222066	295843	4.97%	0.319%
70	14.639	1105	1107	1110	rVV	443472	472754	7.94%	0.511%
71	14.697	1110	1112	1114	rVB	230979	217006	3.64%	0.234%

LSC Area Percent Report

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

72	14.777	1116	1119	1124	rBV	271739	528041	8.86%	0.570%
73	14.891	1125	1129	1132	rBV3	407862	936562	15.72%	1.011%
74	14.937	1132	1133	1136	rVB	203804	187253	3.14%	0.202%
75	15.039	1140	1142	1145	rVB	153982	179192	3.01%	0.194%
76	15.097	1145	1147	1150	rBV	187256	388939	6.53%	0.420%
77	15.154	1150	1152	1154	rBV	833417	1069445	17.95%	1.155%
78	15.371	1168	1171	1173	rVB2	125146	162555	2.73%	0.176%
79	15.417	1173	1175	1178	rBV	88355	167687	2.81%	0.181%
80	15.577	1186	1189	1191	rBV	539074	850626	14.28%	0.919%
81	15.622	1191	1193	1195	rVV2	188139	335304	5.63%	0.362%
82	15.680	1195	1198	1201	rVB2	589479	1065422	17.88%	1.151%
83	16.251	1245	1248	1252	rBV3	93968	196704	3.30%	0.212%
84	16.411	1258	1262	1267	rVB	616393	1220044	20.48%	1.318%
85	16.502	1267	1270	1272	rBV	224716	427759	7.18%	0.462%
86	16.560	1272	1275	1281	rVV7	119238	474983	7.97%	0.513%
87	16.674	1281	1285	1291	rVB3	413419	1031322	17.31%	1.114%
88	16.788	1292	1295	1299	rBV	67795	151446	2.54%	0.164%
89	16.914	1302	1306	1308	rBV2	297651	768170	12.89%	0.830%
90	16.960	1308	1310	1318	rVB5	214016	774464	13.00%	0.836%
91	17.085	1318	1321	1326	rVB5	63613	160585	2.70%	0.173%
92	17.177	1326	1329	1331	rBV3	67404	156244	2.62%	0.169%
93	17.234	1331	1334	1340	rVB	200805	412115	6.92%	0.445%
94	17.497	1354	1357	1361	rVB	60346	128236	2.15%	0.138%
95	17.771	1377	1381	1386	rVB2	109376	306259	5.14%	0.331%
96	18.000	1398	1401	1406	rBV7	47899	183659	3.08%	0.198%
97	18.491	1440	1444	1451	rBV6	88641	285612	4.79%	0.308%
98	18.628	1452	1456	1463	rVB5	129688	397725	6.68%	0.429%
99	19.143	1498	1501	1504	rBV5	47568	144745	2.43%	0.156%
100	19.211	1504	1507	1513	rVB3	82370	249088	4.18%	0.269%

Sum of corrected areas: 92602836

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083179.D
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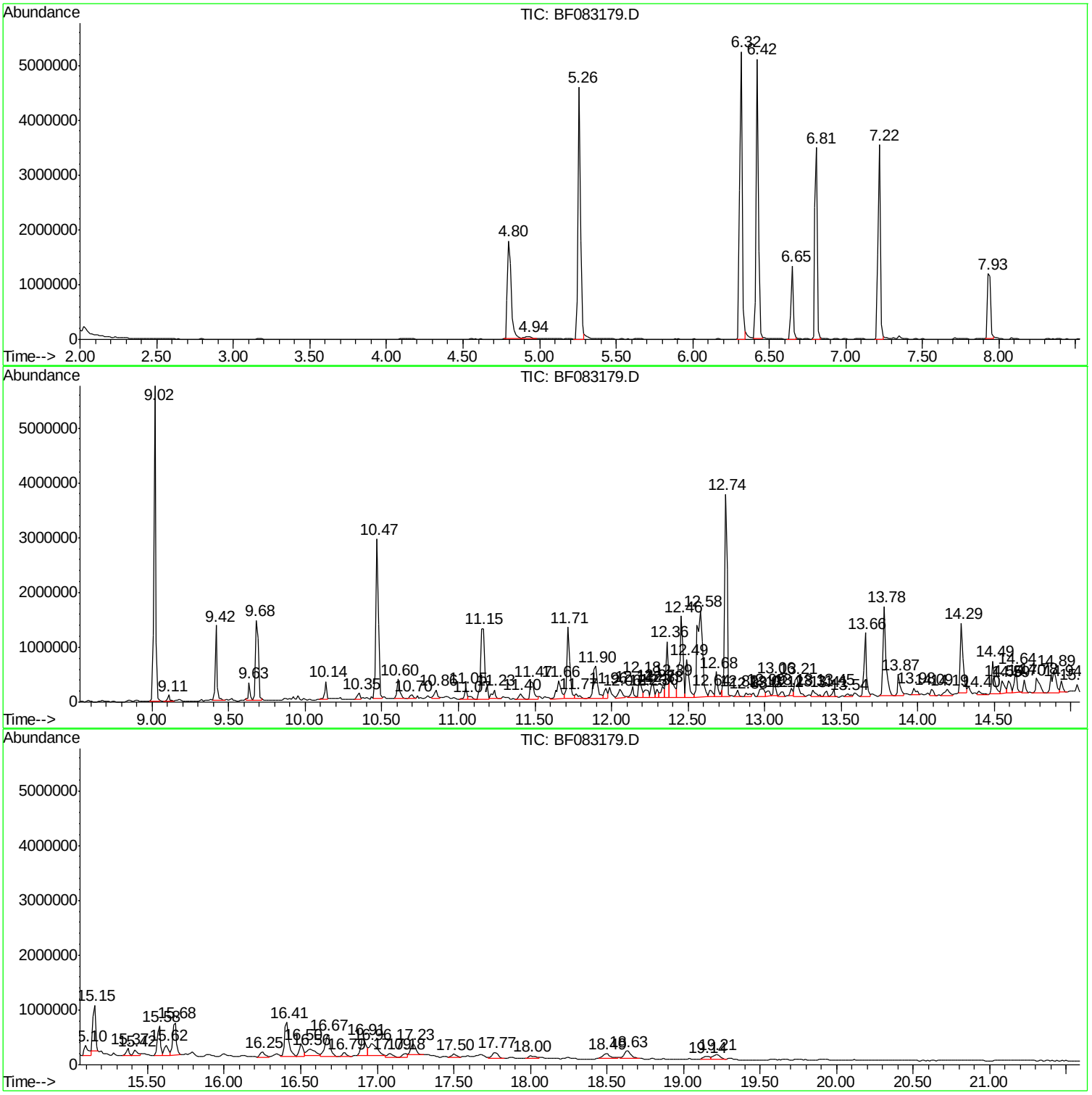
Operator : UM/IZ
Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

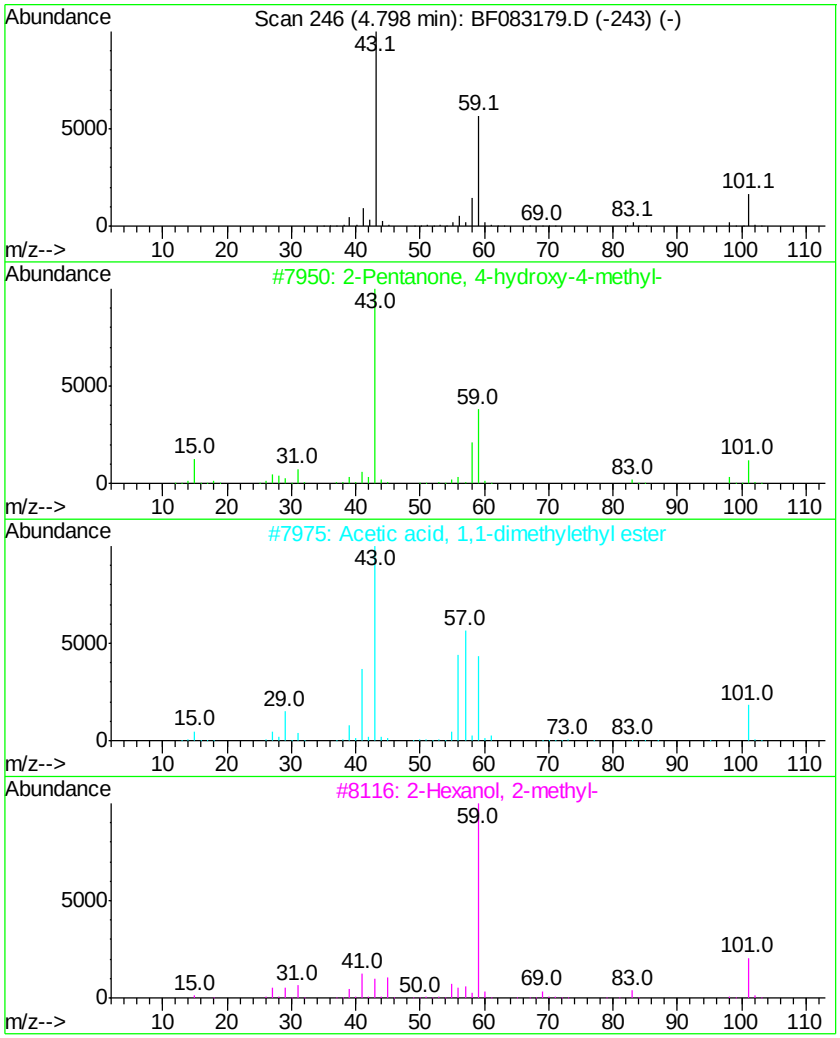
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

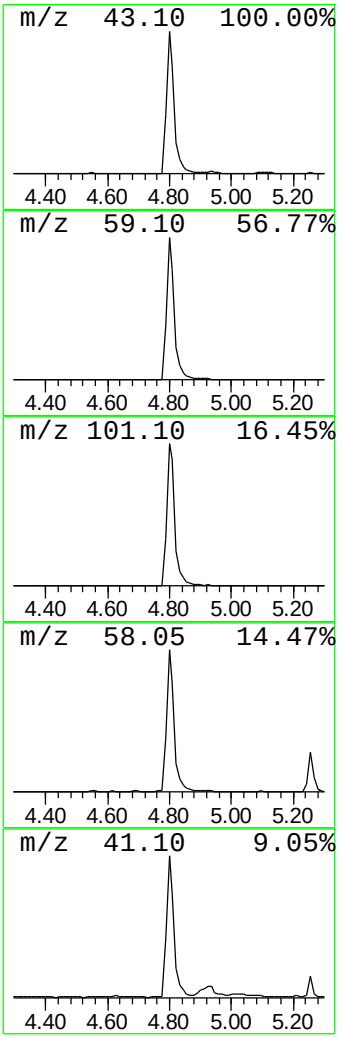
****

Peak Number 1 unknown4.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	47.58 ng	3130940	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	40
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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





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Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-COMP

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

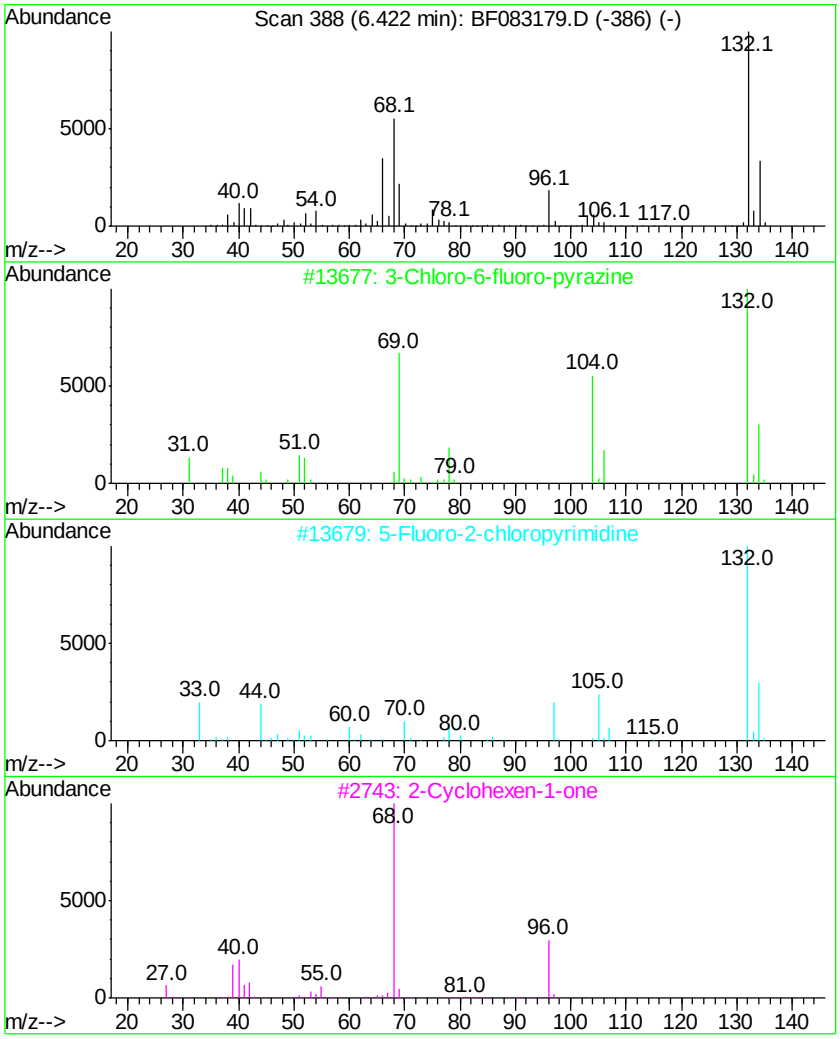
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

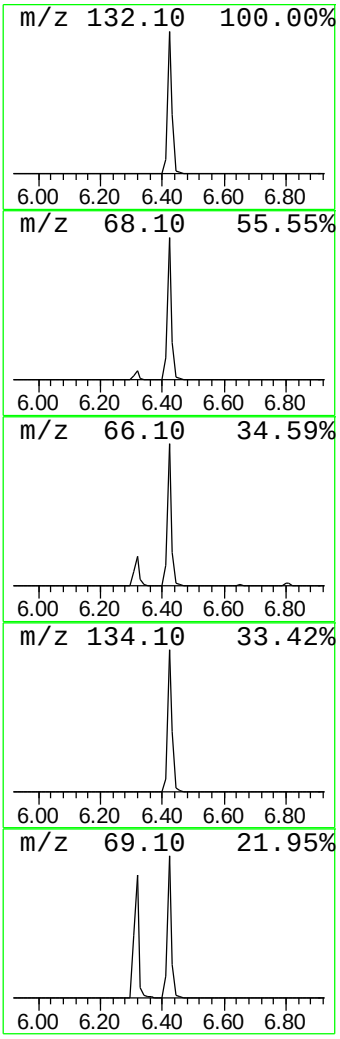
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	77.50 ng	5099750	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Library Search Compound Report

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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

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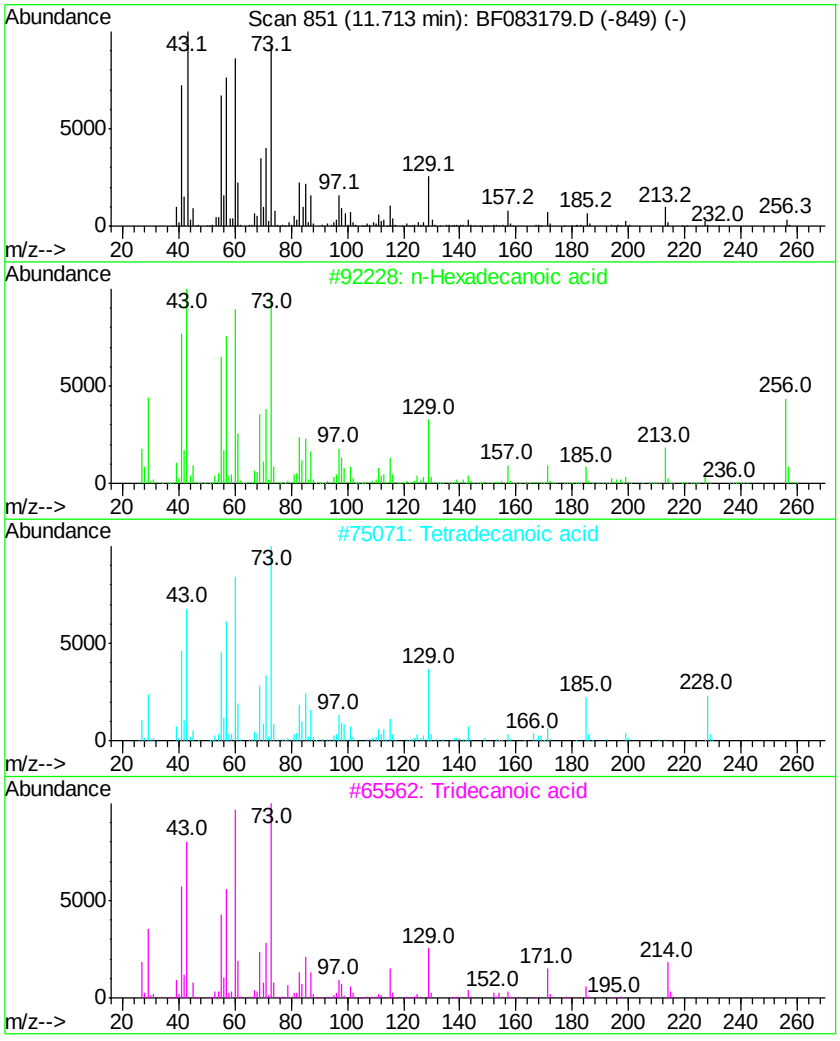
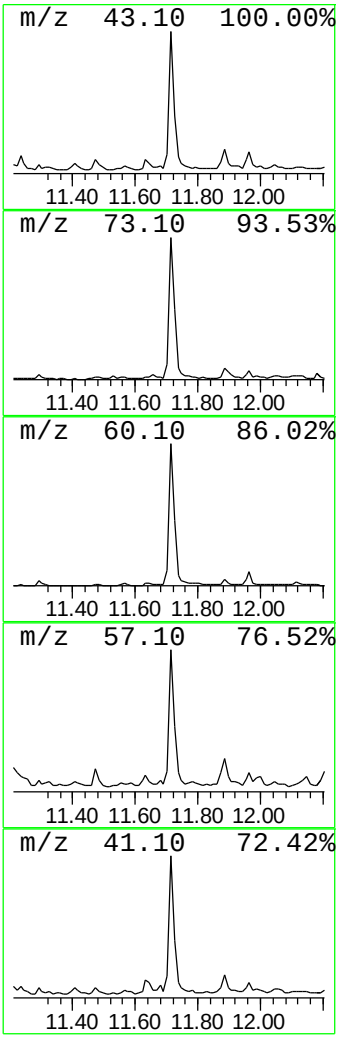
Peak Number 4 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	13.60 ng	1662150	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Butanoic acid	88	C4H8O2	000107-92-6	35





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TIC Library : C:\DATABASE\NIST02.L
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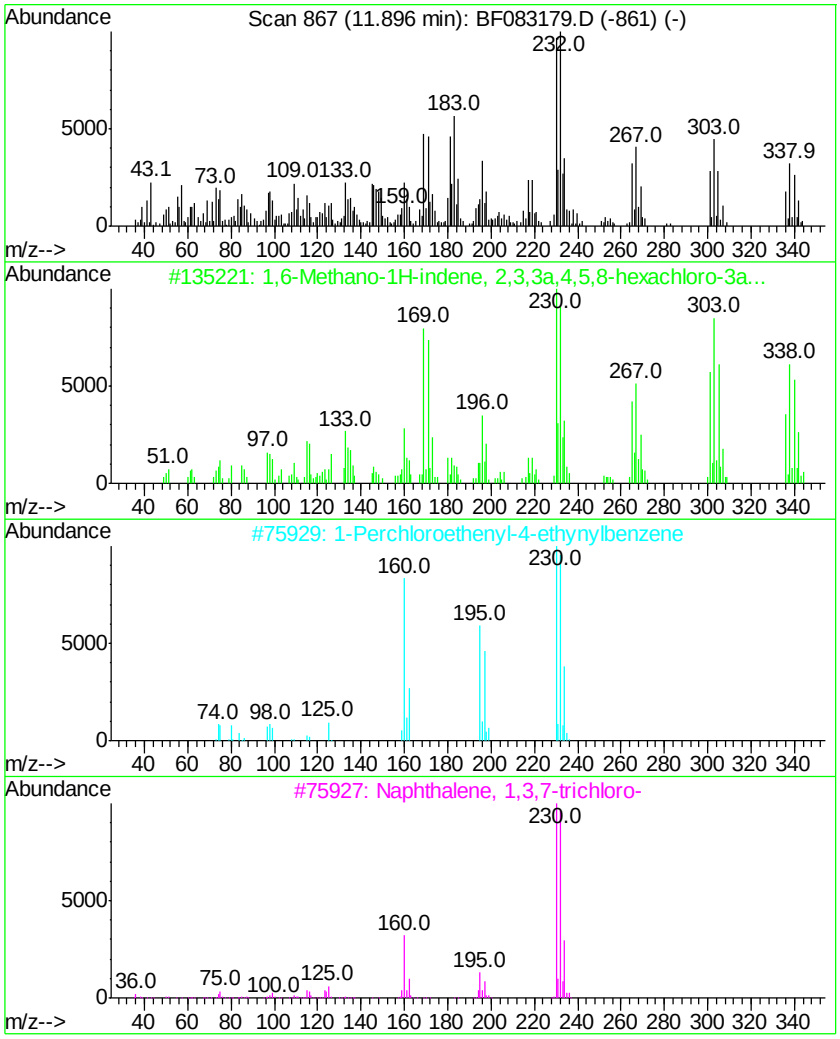
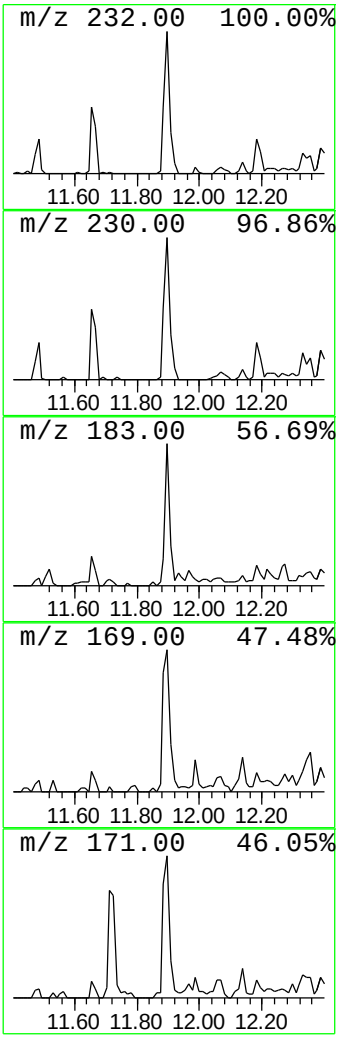
Peak Number 5 1,6-Methano-1H-indene, 2,3,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	9.49 ng	1160470	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	96
2	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	89
3	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	45
4	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	45
5	2,6-Lutidine, 3,5-dichloro-4-phe...	267	C13H11Cl2NO	086200-78-4	38





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ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-COMP

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

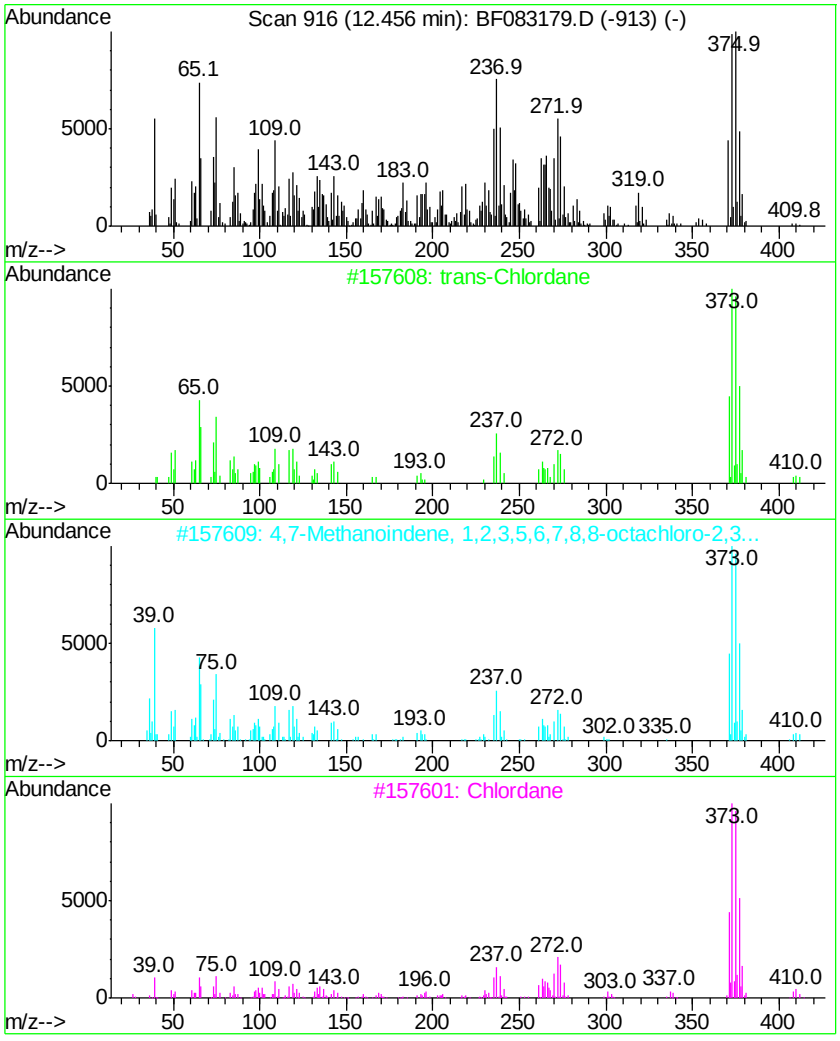
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

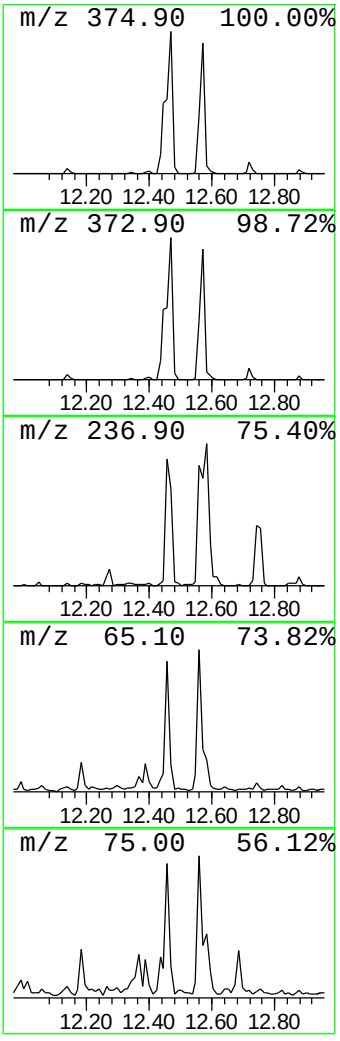
****

Peak Number 6 trans-Chlordane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	20.62 ng	2519660	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane	406	C10H6Cl8	005103-74-2	91
2	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	87
3	Chlordane	406	C10H6Cl8	000057-74-9	50
4	cis-Chlordane	406	C10H6Cl8	005103-71-9	43
5	Phenoxyacetonitrile	133	C8H7NO	003598-14-9	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083179.D
Acq On : 23 Nov 2015 1:05
Operator : UM/IZ
Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-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

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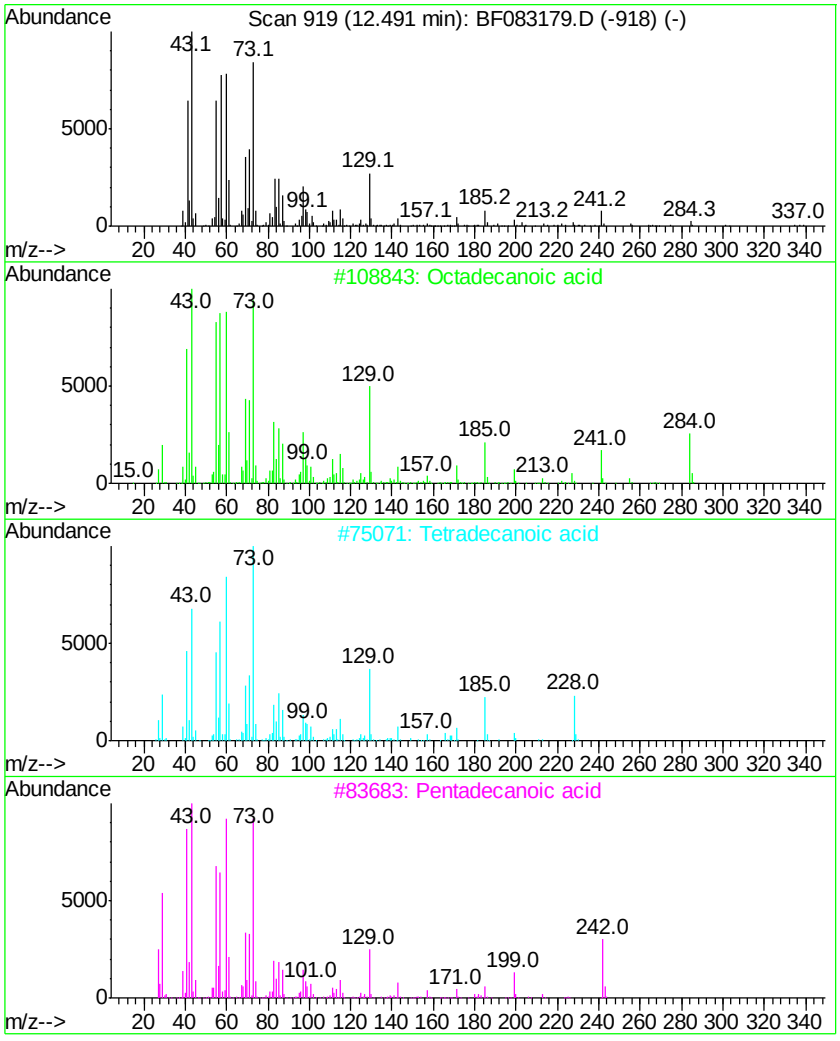
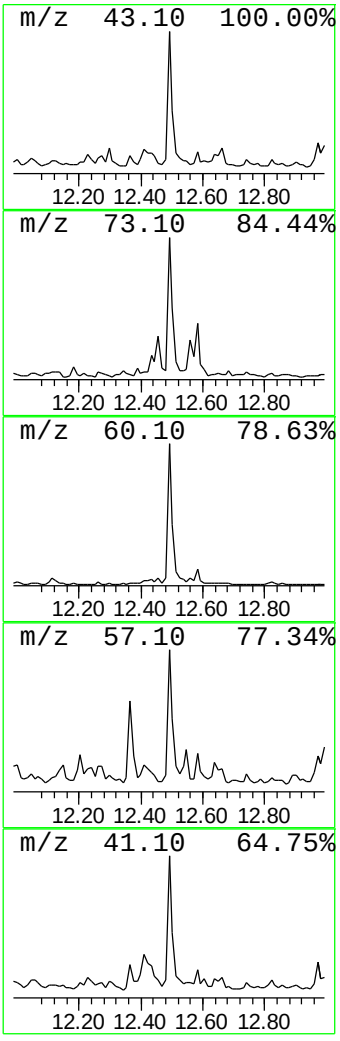
Peak Number 7 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	8.61 ng	915457	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	5-Acetoxypentadecane	270	C17H34O2	1000245-62-3	14
5	Undecane	156	C11H24	001120-21-4	11





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ClientSampleId : A19-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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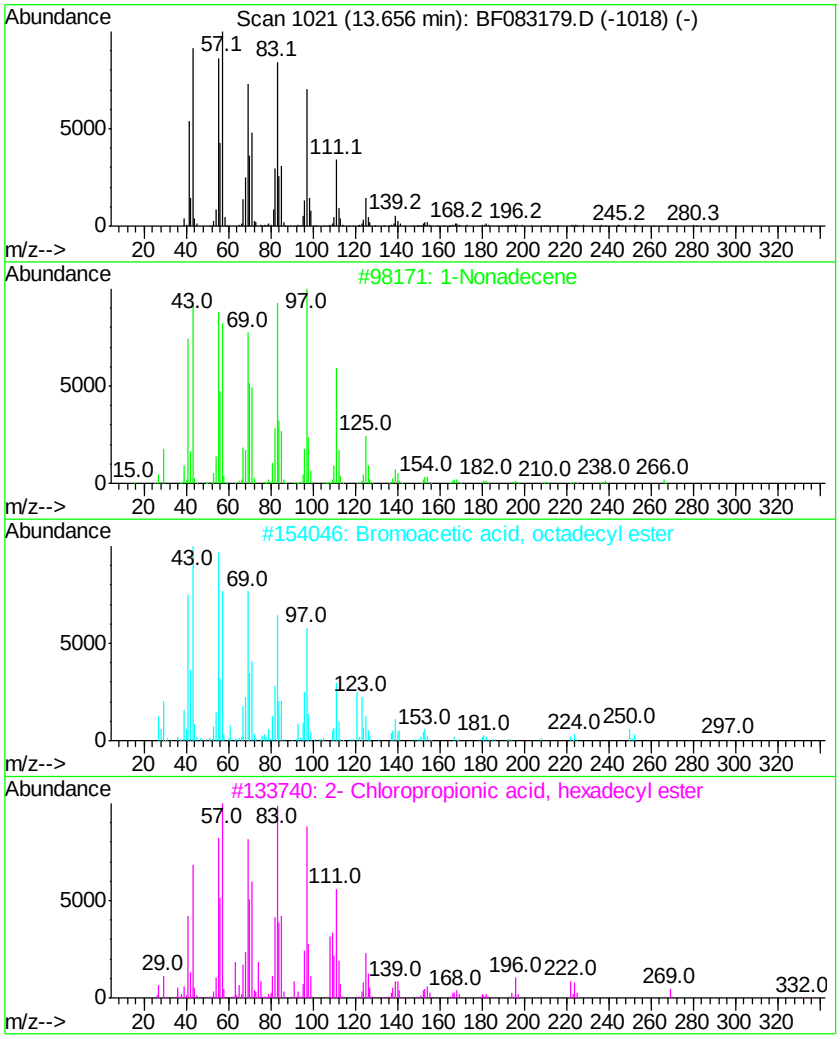
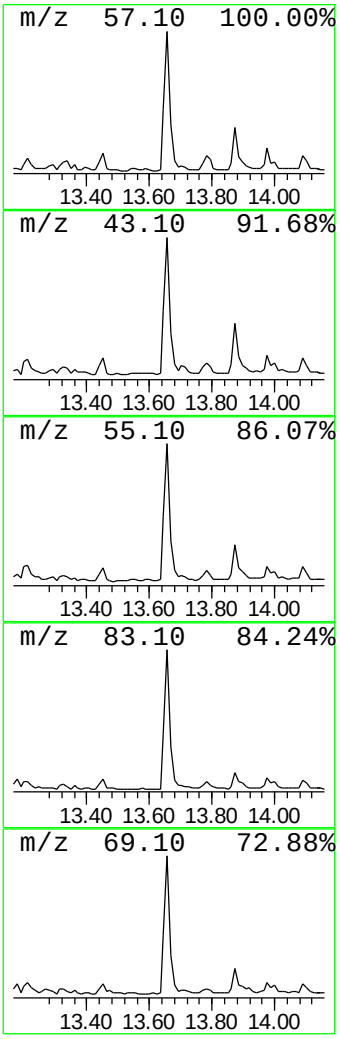
Peak Number 8 1-Nonadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	13.94 ng	1482610	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91





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

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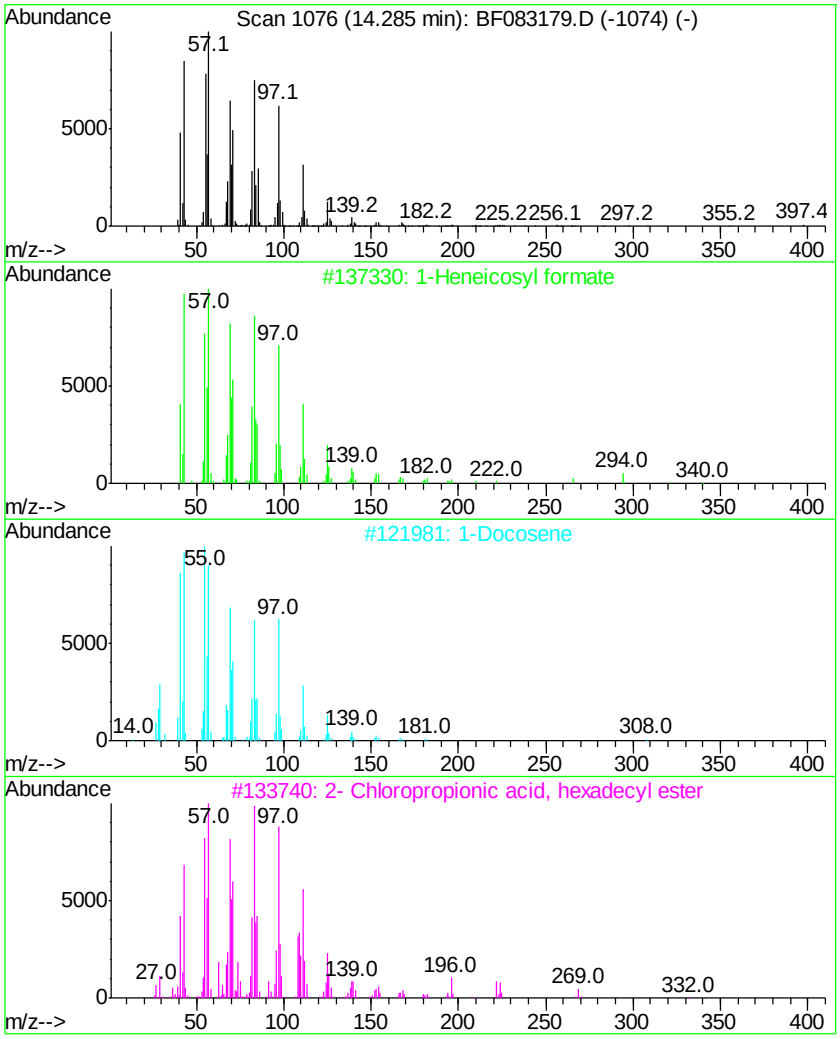
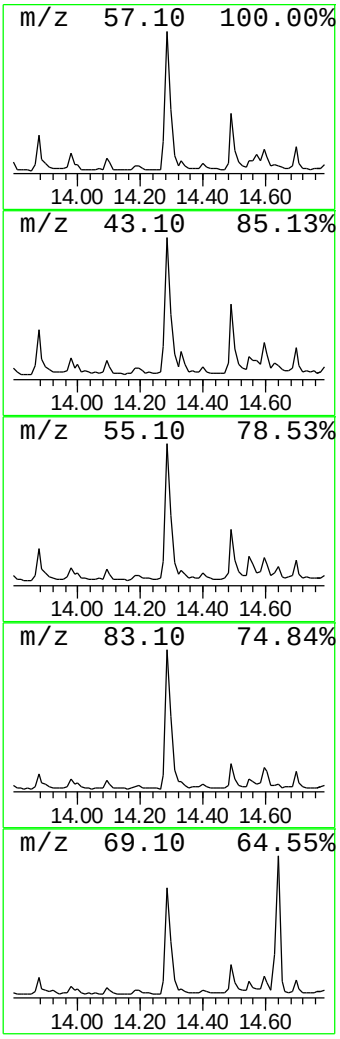
Peak Number 9 1-Heneicosyl formate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	14.94 ng	1589410	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4	1-Tetracosanol	354	C24H50O	000506-51-4	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87





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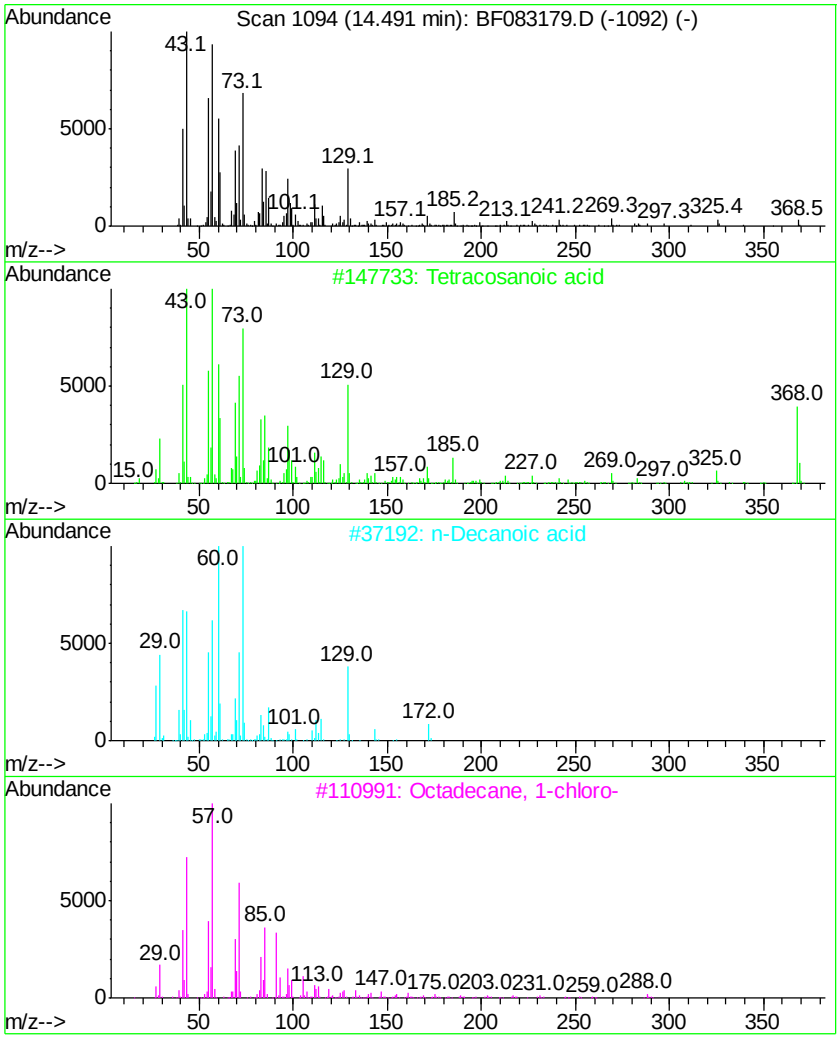
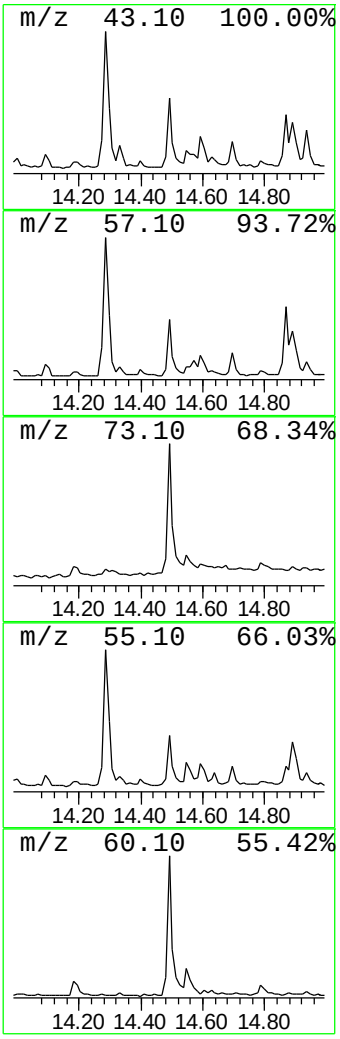
Peak Number 10 Tetracosanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	14.78 ng	790230	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	53
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	46
4	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	38
5	Undecane	156	C11H24	001120-21-4	38





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Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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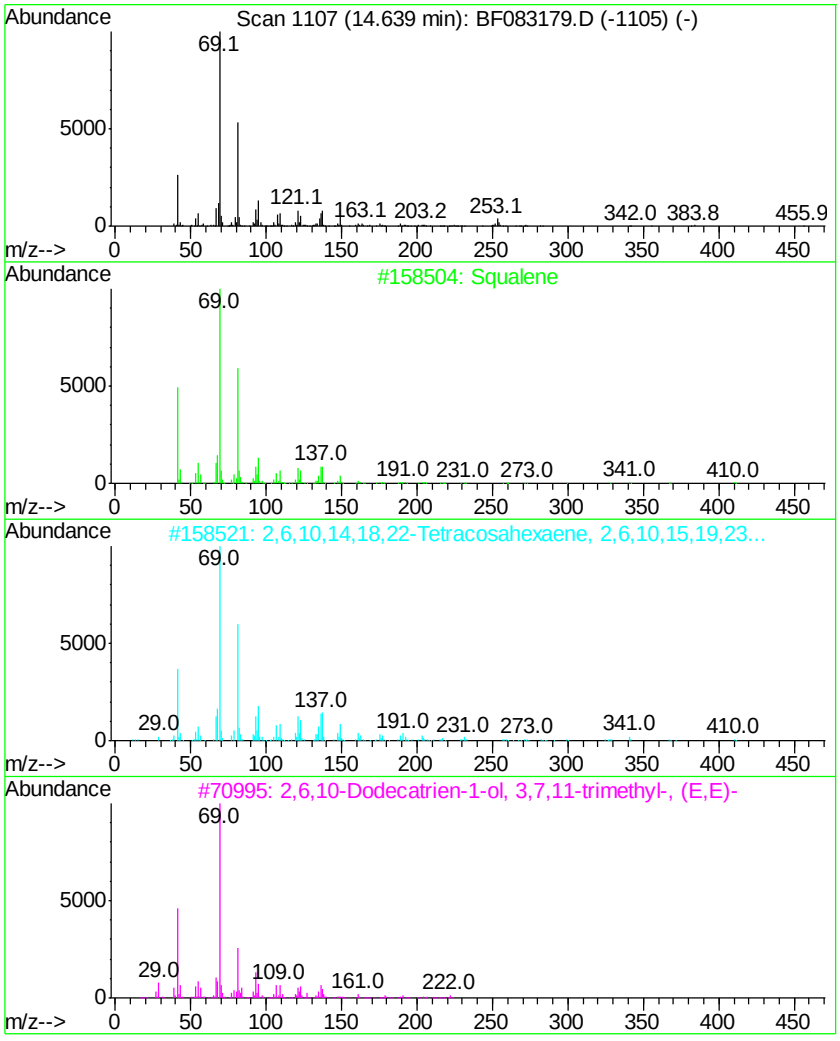
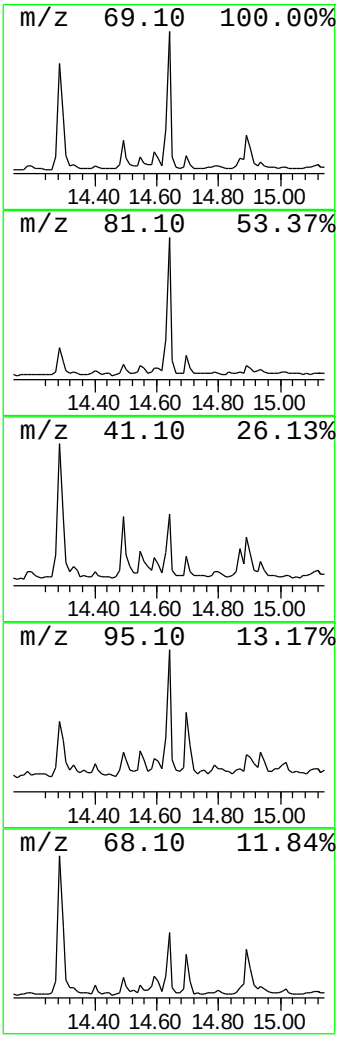
Peak Number 11 Squalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	8.84 ng	472754	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	56





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ALS Vial : 65 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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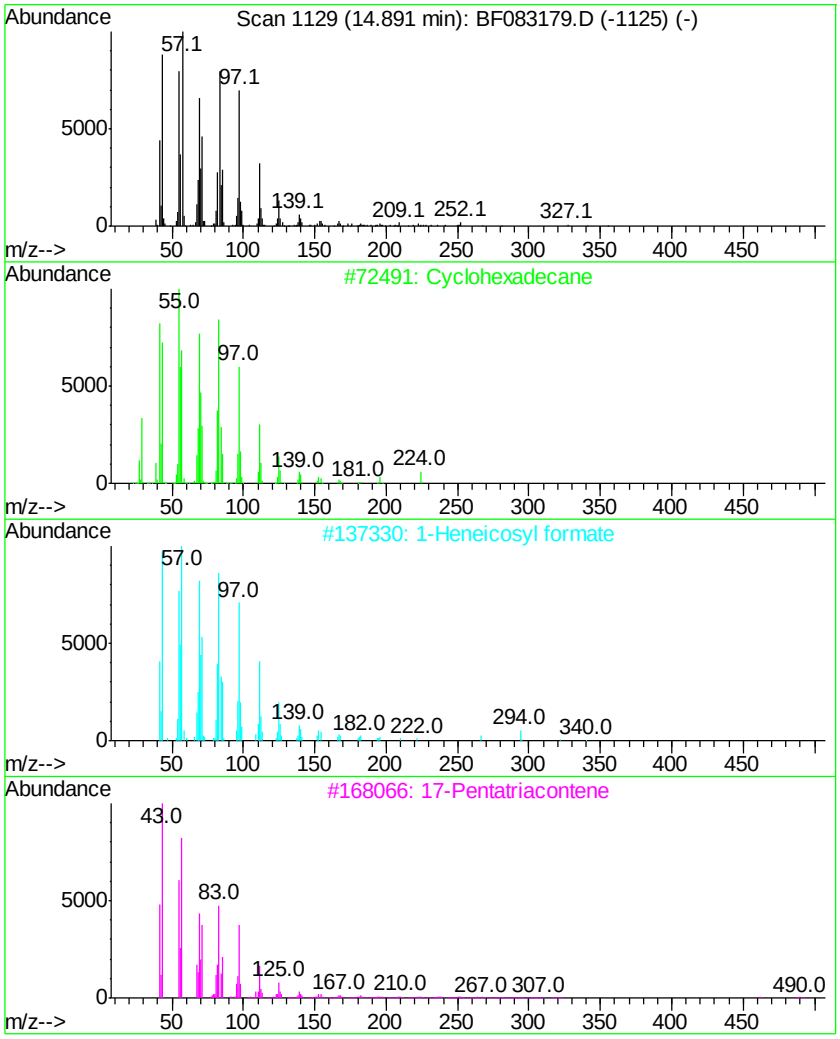
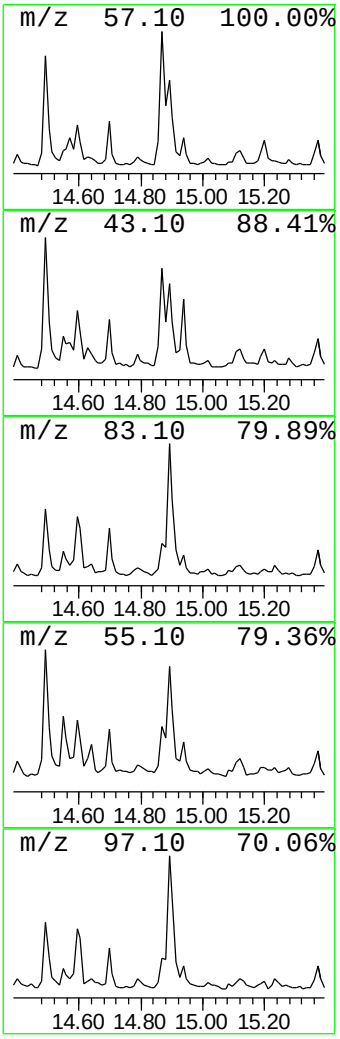
Peak Number 12 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	17.51 ng	936562	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	1-Tricosene	322	C23H46	018835-32-0	87





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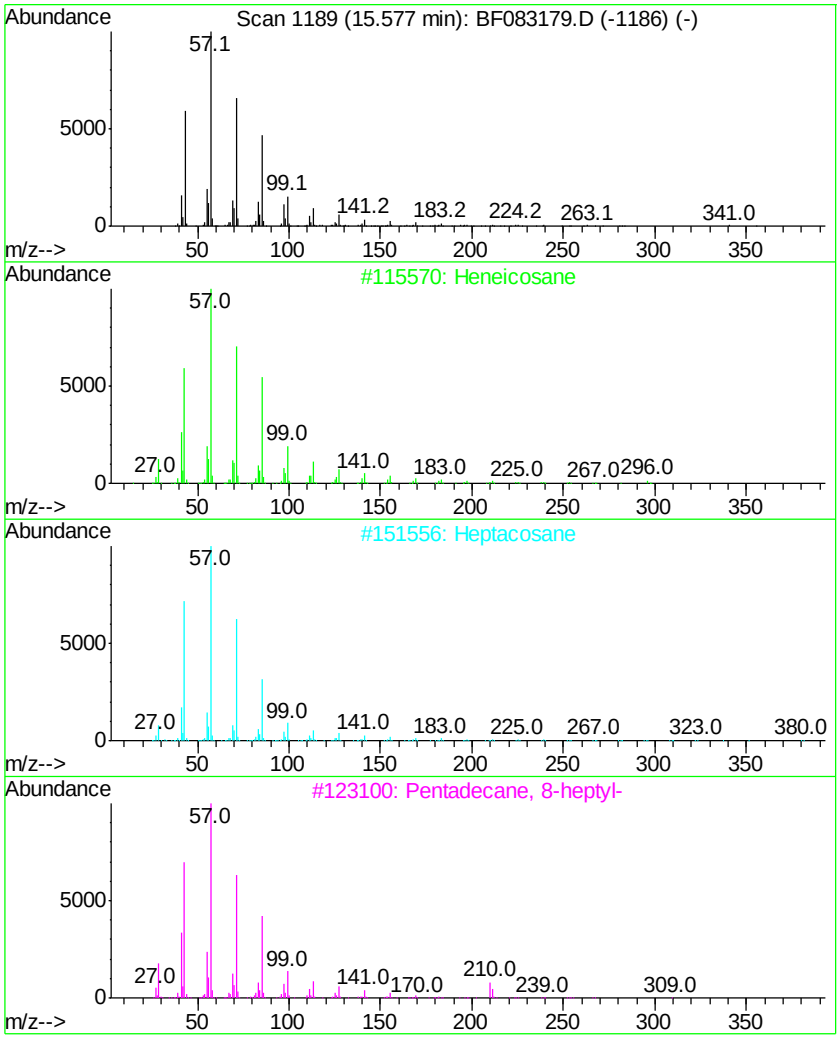
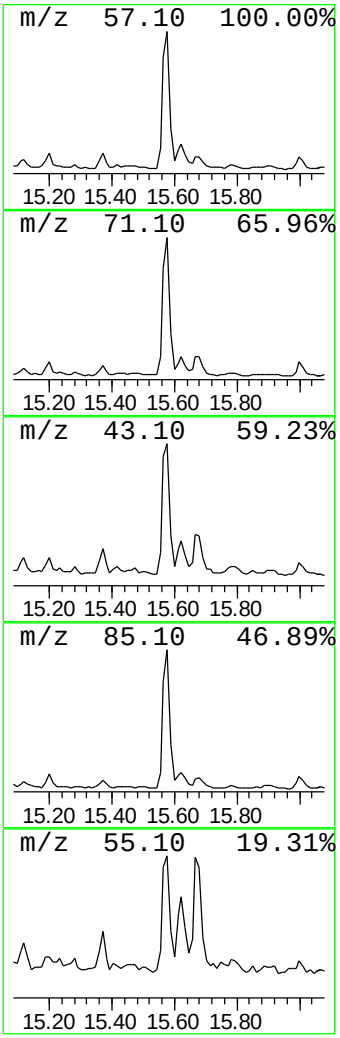
Peak Number 13 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	15.91 ng	850626	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5	Tetratriacontane	479	C34H70	014167-59-0	83





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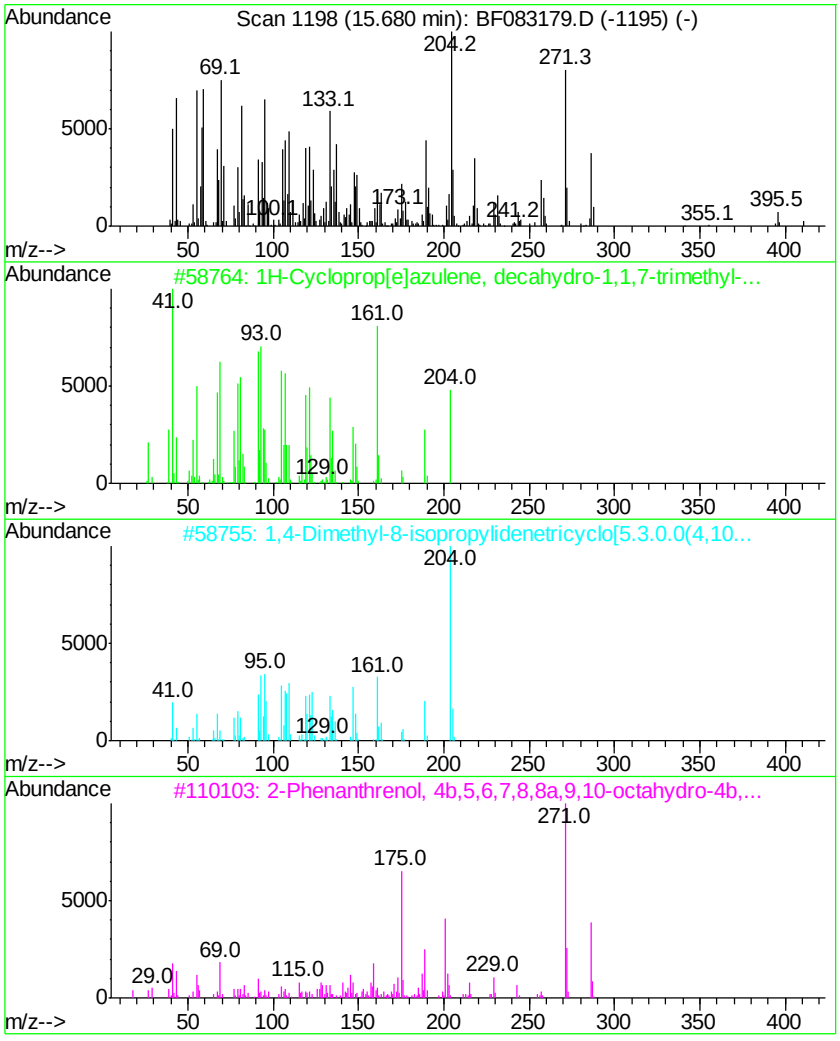
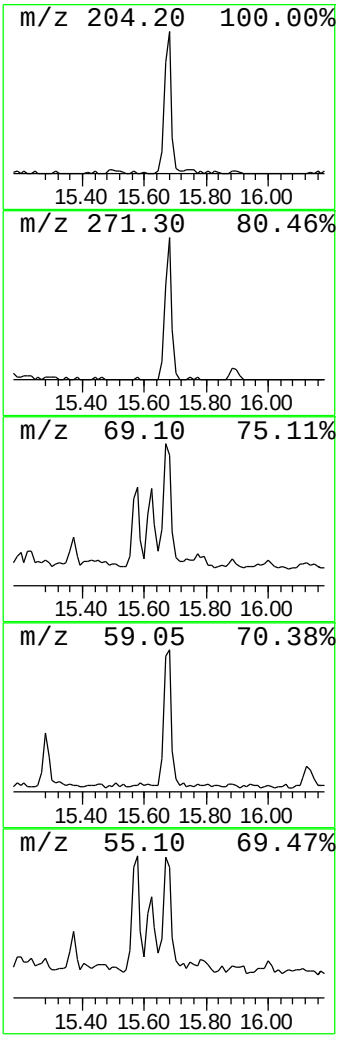
Peak Number 14 1H-Cycloprop[e]azulene, dec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	19.92 ng	1065420	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	64
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	50
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	50
4	Aciphyllene	204	C15H24	087745-31-1	45
5	Seychellene	204	C15H24	020085-93-2	43





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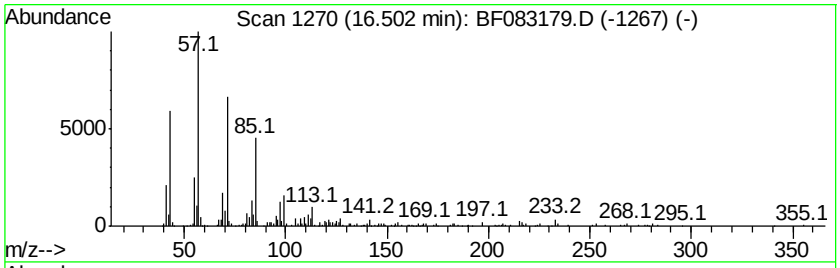
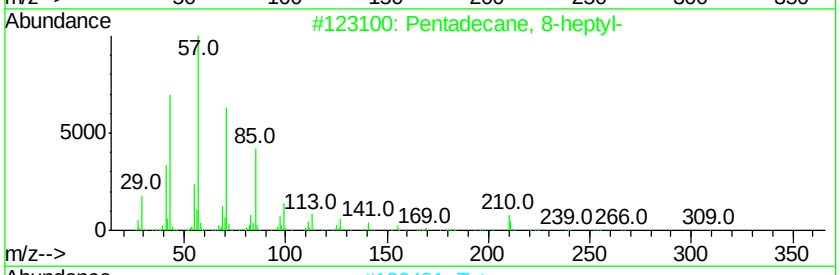
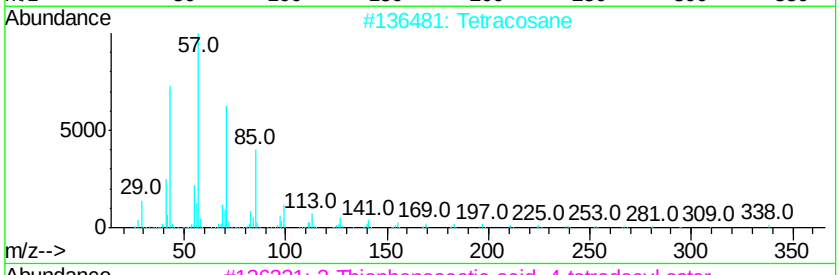
Peak Number 15 Pentadecane, 8-heptyl- Concentration Rank 19

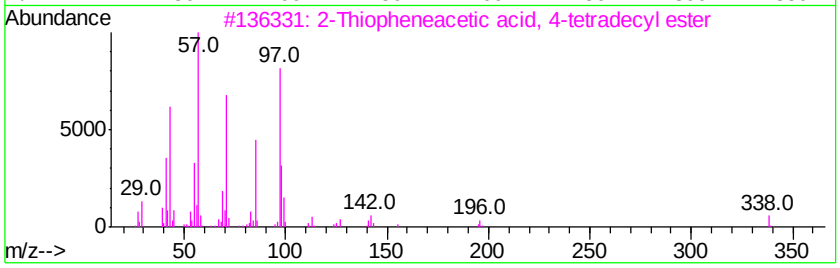
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	8.00 ng	427759	Perylene-d12	15.15

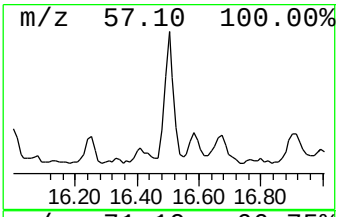
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
2	Tetracosane	338	C24H50	000646-31-1	83
3	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Octacosane	394	C28H58	000630-02-4	76

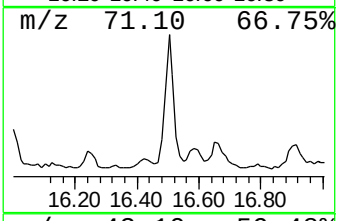


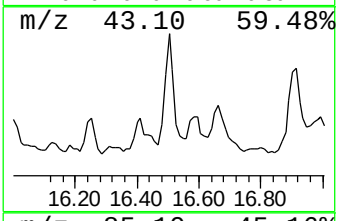


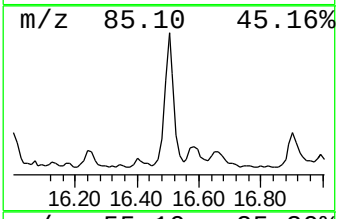


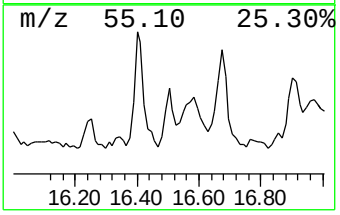












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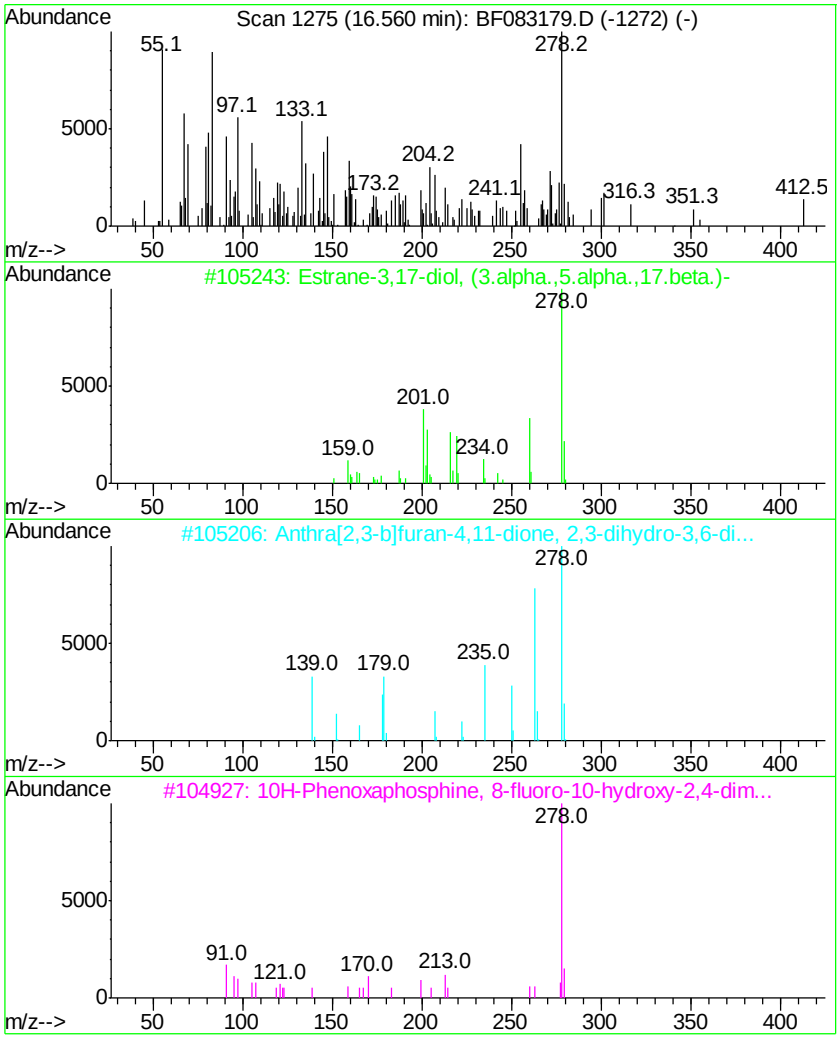
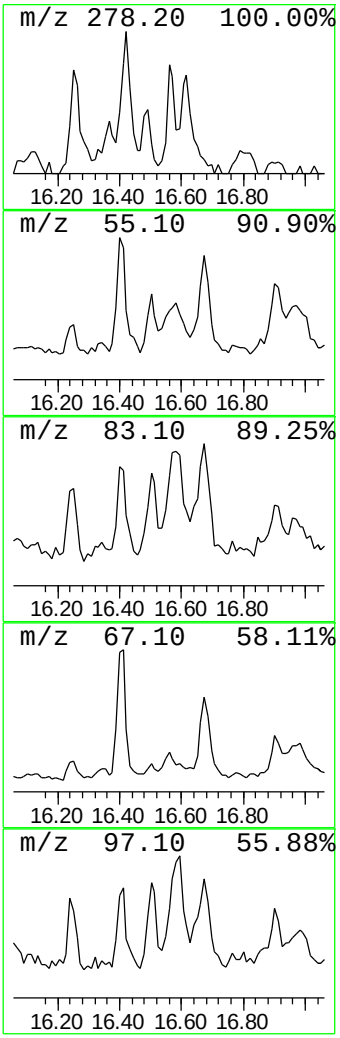
Peak Number 16 unknown16.56 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	8.88 ng	474983	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estrane-3,17-diol, (3.alpha.,5.a...	278	C18H30O2	010002-95-6	38
2	Anthra[2,3-b]furan-4,11-dione, 2...	278	C18H14O3	054964-97-5	22
3	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12FO3P	037041-13-7	22
4	Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	20
5	Ketone, methyl tricyclo[10.2.2.2...	278	C20H22O	024777-35-3	18





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Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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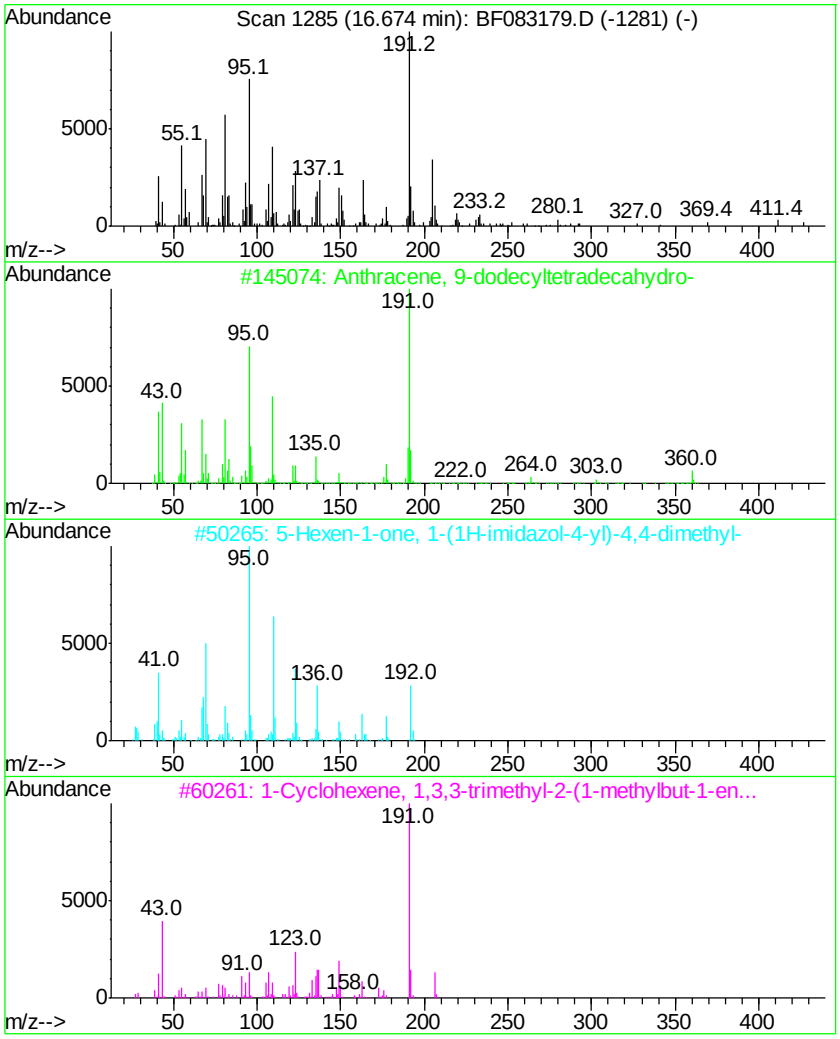
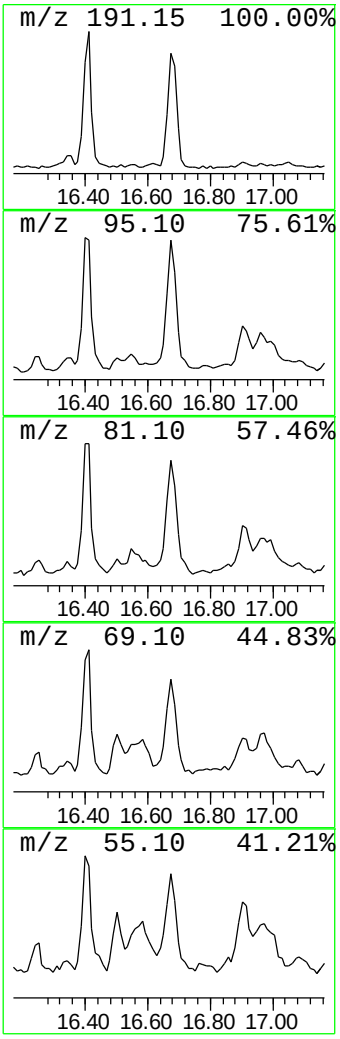
Peak Number 17 Anthracene, 9-dodecyltetrad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	19.29 ng	1031320	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahv...	360	C26H48	055401-75-7	53
2	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	42
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	30
5	2-Decyne	138	C10H18	002384-70-5	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083179.D
Acq On : 23 Nov 2015 1:05
Operator : UM/IZ
Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-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

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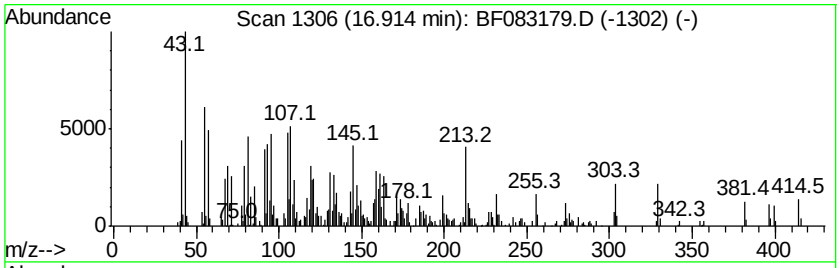
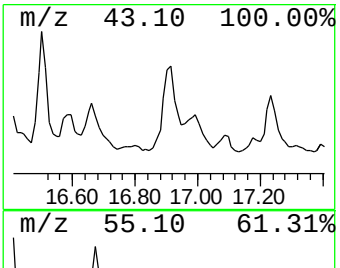
Peak Number 18 .gamma.-Sitosterol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	14.37 ng	768170	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	92
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	74
5	Campesterol	400	C28H48O	000474-62-4	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083179.D
Acq On : 23 Nov 2015 1:05
Operator : UM/IZ
Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-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

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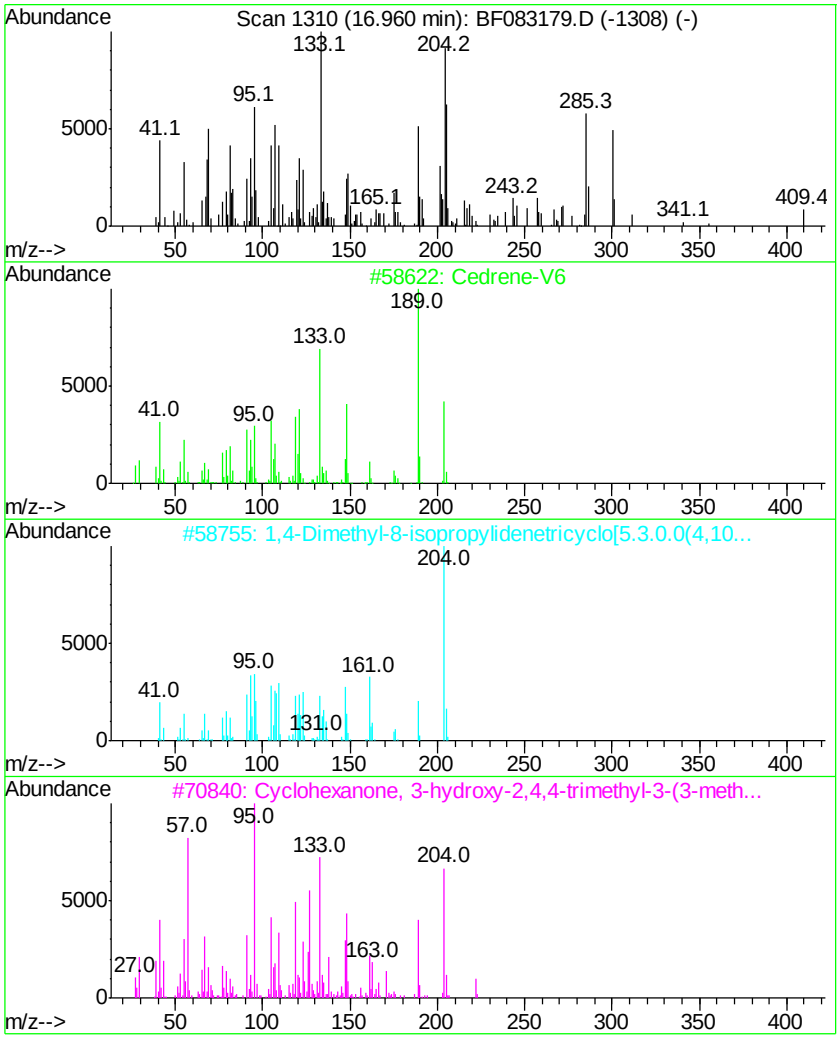
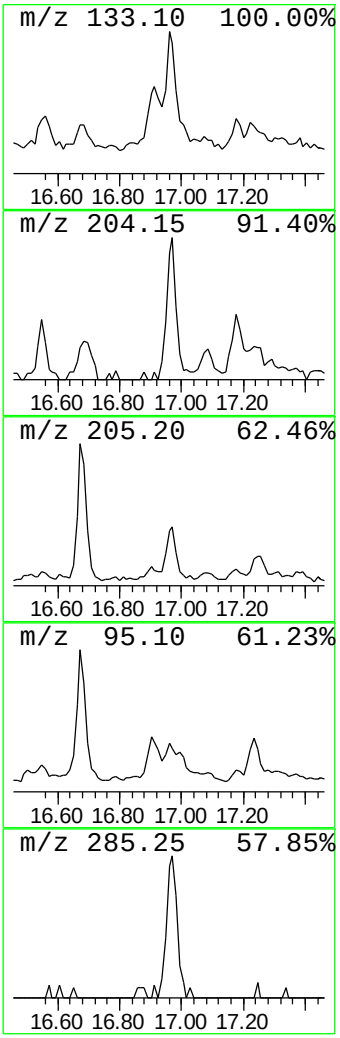
Peak Number 19 unknown16.96 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	14.48 ng	774464	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrene-V6	204	C15H24	1000162-76-8	35
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	30
3	Cyclohexanone, 3-hydroxy-2,4,4-t...	222	C14H22O2	088764-84-5	27
4	1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	27
5	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083179.D
Acq On : 23 Nov 2015 1:05
Operator : UM/IZ
Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-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

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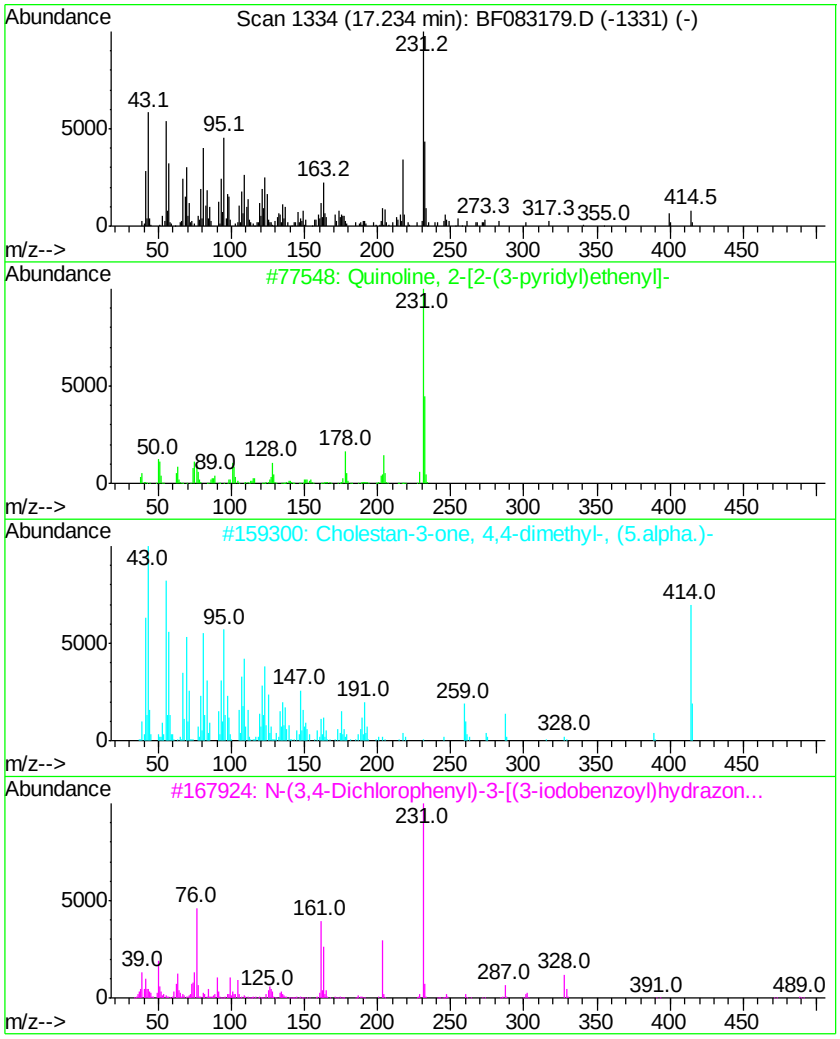
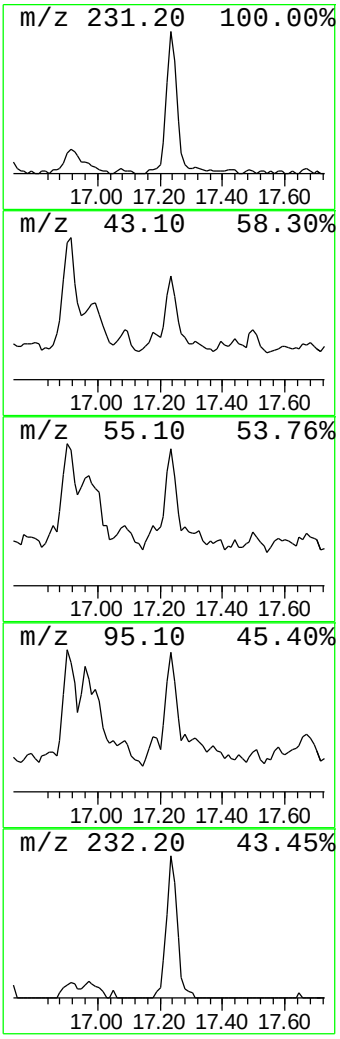
Peak Number 20 unknown17.23 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	7.71 ng	412115	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-[2-(3-pyridyl)ethen...	232	C16H12N2	001586-51-2	35
2	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	30
3	N-(3,4-Dichlorophenyl)-3-[(3-iod...	489	C17H14Cl2IN3O2	1000225-25-5	27
4	3-[1-Bromo-2-(phenylthio)cyclopr...	310	C14H15BrOS	121820-15-3	25
5	Benzene, 1,3,5-tri-tert-butyl-	246	C18H30	001460-02-2	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112215\
Data File : BF083179.D
Acq On : 23 Nov 2015 1:05
Operator : UM/IZ
Sample : G4496-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A19-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
unknown4.80	4.80	47.6	ng	3130940	1	6.65	1316040	20.0
unknown6.42	6.42	77.5	ng	5099750	1	6.65	1316040	20.0
n-Hexadecanoic acid	11.71	13.6	ng	1662150	4	11.16	2444380	20.0
1,6-Methano-1H-in...	11.90	9.5	ng	1160470	4	11.16	2444380	20.0
trans-Chlordane	12.46	20.6	ng	2519660	4	11.16	2444380	20.0
Octadecanoic acid	12.49	8.6	ng	915457	5	13.78	2127150	20.0
1-Nonadecene	13.66	13.9	ng	1482610	5	13.78	2127150	20.0
1-Heneicosyl formate	14.29	14.9	ng	1589410	5	13.78	2127150	20.0
Tetracosanoic acid	14.49	14.8	ng	790230	6	15.15	1069450	20.0
Squalene	14.64	8.8	ng	472754	6	15.15	1069450	20.0
Cyclohexadecane	14.89	17.5	ng	936562	6	15.15	1069450	20.0
Heneicosane	15.58	15.9	ng	850626	6	15.15	1069450	20.0
1H-Cycloprop[e]az...	15.68	19.9	ng	1065420	6	15.15	1069450	20.0
Pentadecane, 8-he...	16.50	8.0	ng	427759	6	15.15	1069450	20.0
unknown16.56	16.56	8.9	ng	474983	6	15.15	1069450	20.0
Anthracene, 9-dod...	16.67	19.3	ng	1031320	6	15.15	1069450	20.0
.gamma.-Sitosterol	16.91	14.4	ng	768170	6	15.15	1069450	20.0
unknown16.96	16.96	14.5	ng	774464	6	15.15	1069450	20.0
unknown17.23	17.23	7.7	ng	412115	6	15.15	1069450	20.0