LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090097.D
Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

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-BF091516.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	1.701	7	10	55	rVB	816687	2305453	65.41%	5.007%
2	4.661	266	269	274	rBV	396110	725730	20.59%	1.576%
3	5.119	306	309	312	rBV	2749455	3093837	87.78%	6.719%
4	6.204	401	404	406	rBV	2919863	3261880	92.55%	7.084%
5	6.319	411	414	416	rBV	3270153	3524481	100.00%	7.655%
6	6.547	432	434	441	rBV	1032815	946225	26.85%	2.055%
7	6.707	445	448	450	rBV	2745176	2837691	80.51%	6.163%
8	7.119	481	484	486	rBV	2094739	2112097	59.93%	4.587%
9	7.839	544	547	549	rBV	1114023	1222158	34.68%	2.654%
10	8.913	639	641	644	rBV	3245763	3494105	99.14%	7.589%
11	9.050	651	653	661	rVB4	12351	42374	1.20%	0.092%
12	9.313	674	676	678	rBV	708795	575196	16.32%	1.249%
13	9.576	697	699	701	rBV	1484711	1339722	38.01%	2.910%
14	9.610	701	702	706	rVB3	31936	40295	1.14%	0.088%
15	9.805	713	719	722	rBV3	22282	60828	1.73%	0.132%
16	10.011	733	737	738	rBV2	24951	45241	1.28%	0.098%
17	10.033	738	739	741	rVB	70418	60828	1.73%	0.132%
18	10.251	755	758	761	rBV	29087	53247	1.51%	0.116%
19	10.365	765	768	770	rBV	1714690	1956139	55.50%	4.248%
20	10.502	779	780	784	rVB	102808	129262	3.67%	0.281%
21	10.605	786	789	790	rBV2	32339	53547	1.52%	0.116%
22	10.753	799	802	804	rBV3	30215	52868	1.50%	0.115%
23	10.833	807	809	811	rBV	112173	94766	2.69%	0.206%
24	10.948	817	819	821	rBV	69946	60893	1.73%	0.132%
25	11.051	825	828	832	rVV	917924	1250006	35.47%	2.715%
26	11.119	832	834	837	rVB2	44992	81789	2.32%	0.178%
27	11.302	847	850	853	rBV3	48594	63077	1.79%	0.137%
28	11.542	868	871	872	rBV2	45296	84716	2.40%	0.184%
29	11.611	875	877	879	rBV	421975	494227	14.02%	1.073%
30	11.782	890	892	895	rBV3	27281	40459	1.15%	0.088%
31	11.862	895	899	904	rVV5	32860	92834	2.63%	0.202%
32	12.022	911	913	915	rBV	214418	184851	5.24%	0.401%
33	12.159	921	925	928	rVV3	135083	260357	7.39%	0.565%
34	12.239	931	932	935	rVV	174857	266799	7.57%	0.579%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

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-BF091516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.308	935	938	943	rVB3	72905	197443	5.60%	0.429%
36	12.388	943	945	949	rBV	88296	135341	3.84%	0.294%
37	12.468	949	952	954	rVV	230731	243364	6.90%	0.529%
38	12.536	956	958	961	rVB	44338	53752	1.53%	0.117%
39	12.628	964	966	968	rBV	2258850	2245566	63.71%	4.877%
40	12.685	970	971	974	rVB	193249	222069	6.30%	0.482%
41	12.799	980	981	983	rVB	46078	40316	1.14%	0.088%
42	12.891	985	989	991	rBV3	211454	319539	9.07%	0.694%
43	13.005	996	999	1002	rBV3	57420	131639	3.73%	0.286%
44	13.097	1005	1007	1009	rVB3	22329	39715	1.13%	0.086%
45	13.222	1016	1018	1020	rVB	41101	47394	1.34%	0.103%
46	13.428	1032	1036	1039	rBV4	41734	130271	3.70%	0.283%
47	13.485	1039	1041	1044	rVV	112199	163633	4.64%	0.355%
48	13.542	1044	1046	1049	rBV2	465075	680914	19.32%	1.479%
49	13.657	1053	1056	1061	rBV2	946670	1268598	35.99%	2.755%
50	13.805	1066	1069	1070	rBV	161178	173934	4.94%	0.378%
51	13.839	1070	1072	1073	rBV	223885	226985	6.44%	0.493%
52	14.171	1099	1101	1104	rBV	699104	814219	23.10%	1.768%
53	14.457	1124	1126	1129	rBV3	68897	141000	4.00%	0.306%
54	14.525	1130	1132	1134	rVB	82950	86829	2.46%	0.189%
55	14.582	1135	1137	1140	rBV	146728	140896	4.00%	0.306%
56	14.640	1140	1142	1146	rBV	145273	308449	8.75%	0.670%
57	14.765	1149	1153	1156	rVV2	477623	960529	27.25%	2.086%
58	14.811	1156	1157	1162	rVB	106795	137520	3.90%	0.299%
59	14.880	1162	1163	1166	rBV2	95718	141599	4.02%	0.308%
60	14.937	1166	1168	1170	rBV	89195	146225	4.15%	0.318%
61	14.982	1170	1172	1175	rBV	491738	748990	21.25%	1.627%
62	15.222	1191	1193	1196	rVB	145972	184720	5.24%	0.401%
63	15.417	1207	1210	1211	rBV	283137	406788	11.54%	0.883%
64	15.451	1211	1213	1216	rVV	275036	422404	11.98%	0.917%
65	15.508	1216	1218	1221	rVV	89137	130065	3.69%	0.282%
66	15.920	1252	1254	1261	rVB2	83390	173928	4.93%	0.378%
67	16.045	1263	1265	1269	rVB	66881	119958	3.40%	0.261%
68	16.285	1284	1286	1288	rBV	41170	83516	2.37%	0.181%
69	16.434	1297	1299	1304	rVB4	70473	196047	5.56%	0.426%
70	16.651	1315	1318	1322	rBV3	220184	630870	17.90%	1.370%
71	16.903	1337	1340	1343	rBV2	110252	261392	7.42%	0.568%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.005	1347	1349	1354	rVV	91015	283827	8.05%	0.616%
73	17.097	1354	1357	1361	rVB2	173677	396013	11.24%	0.860%
74	17.280	1370	1373	1381	rBV3	114857	403065	11.44%	0.875%
75	17.463	1386	1389	1399	rVB5	87856	309101	8.77%	0.671%
76	18.148	1445	1449	1455	rVB4	78034	252967	7.18%	0.549%
77	18.286	1456	1461	1469	rVB2	306846	933924	26.50%	2.028%

Sum of corrected areas: 46043292

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090097.D
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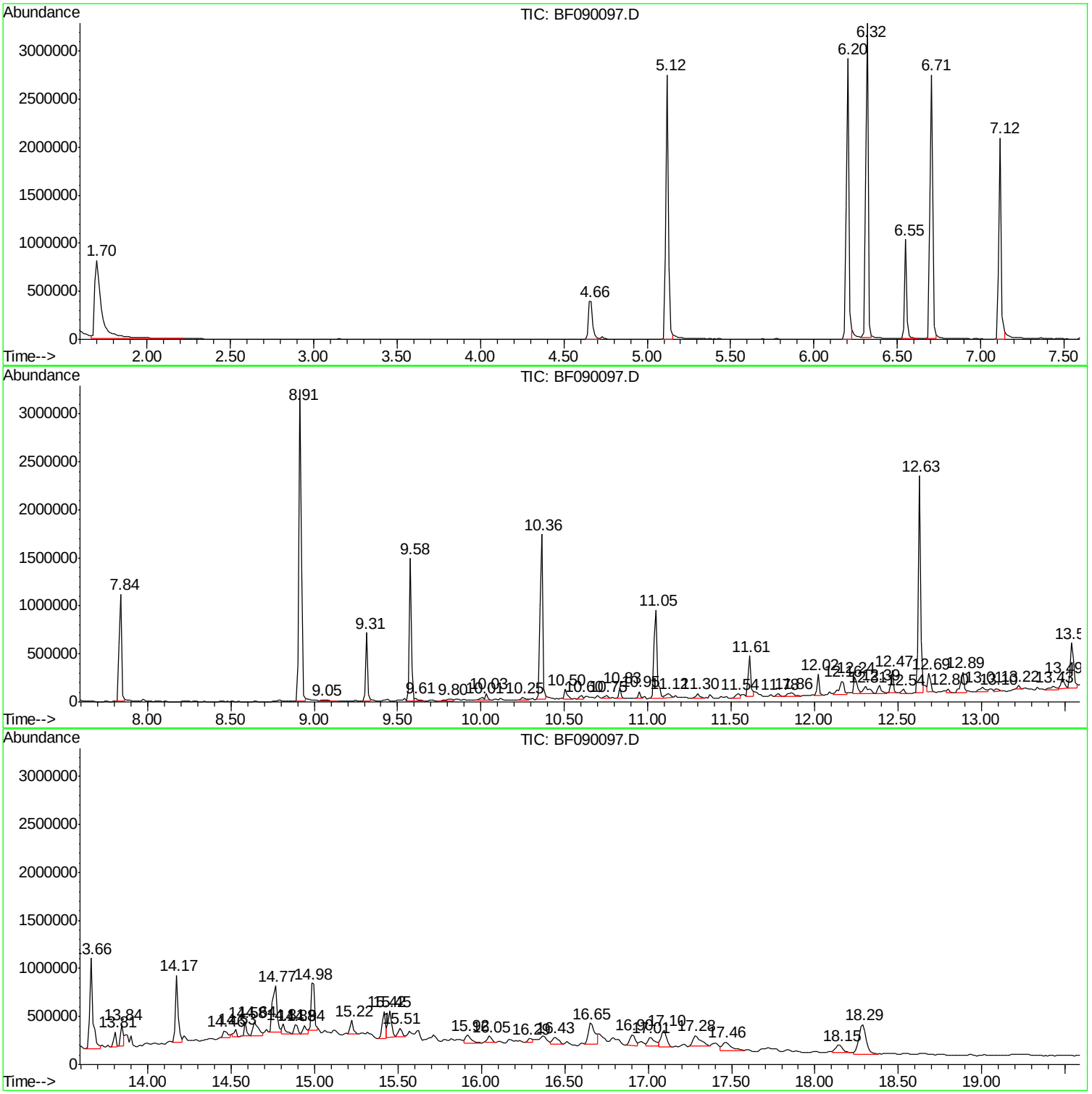
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090097.D
Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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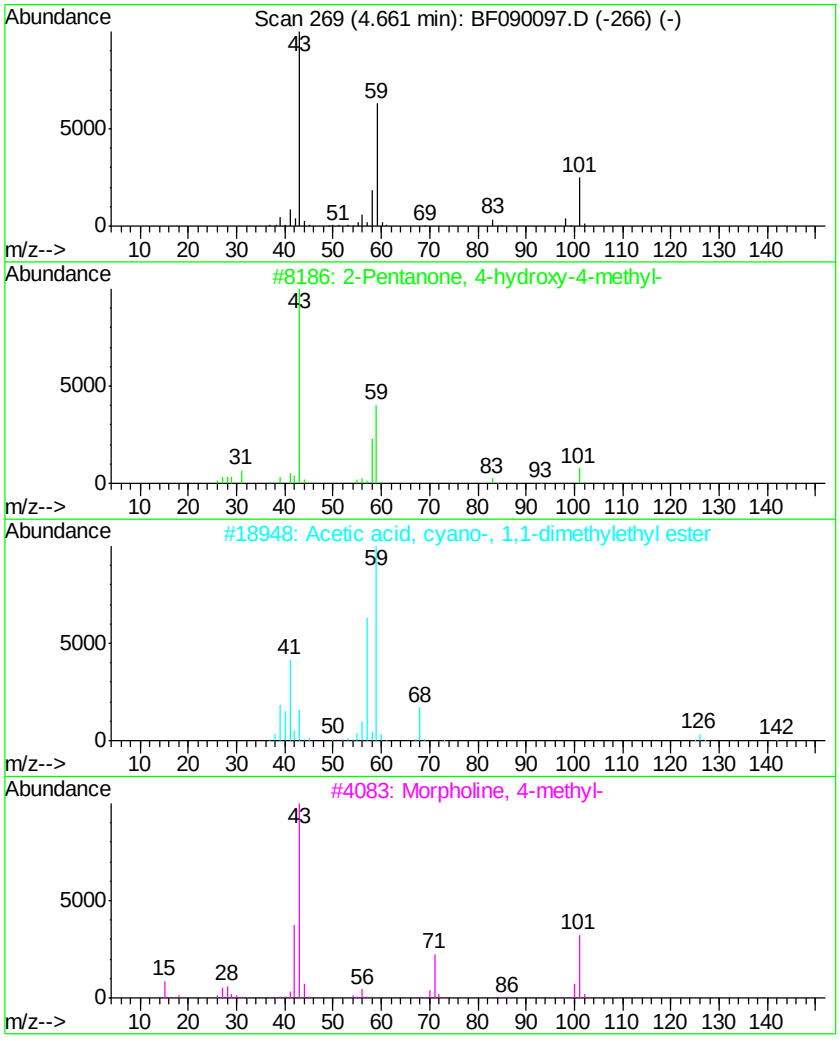
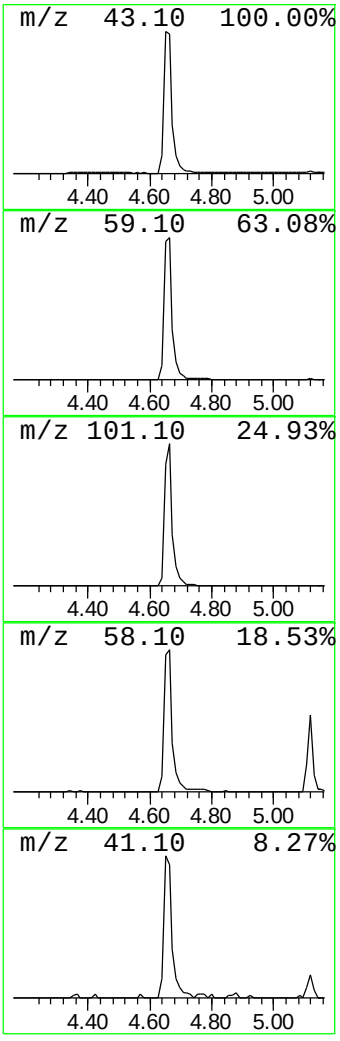
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	15.34 ng	725730	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090097.D
Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

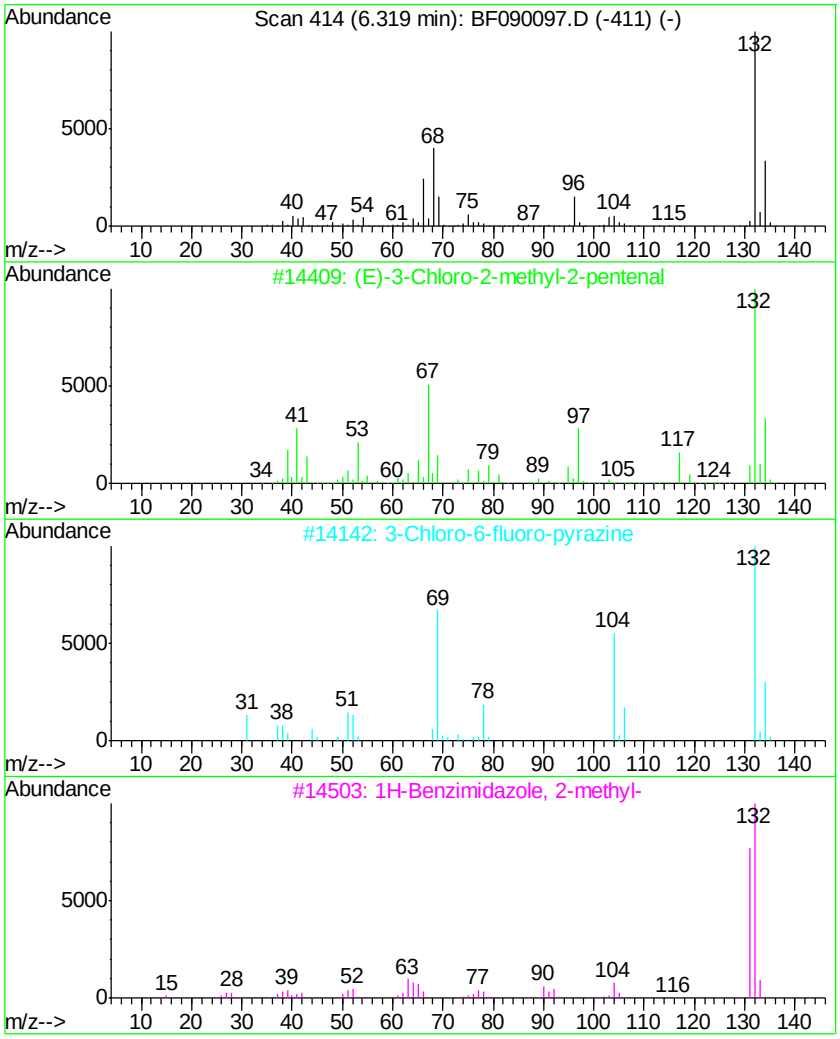
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

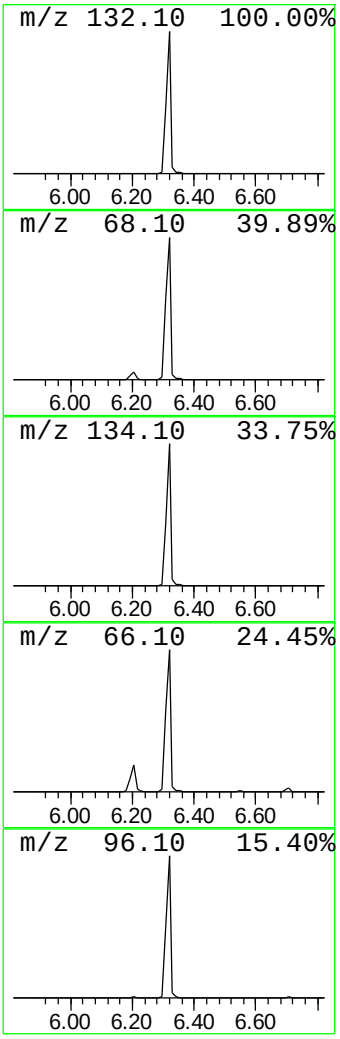
****

Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	74.50 ng	3524480	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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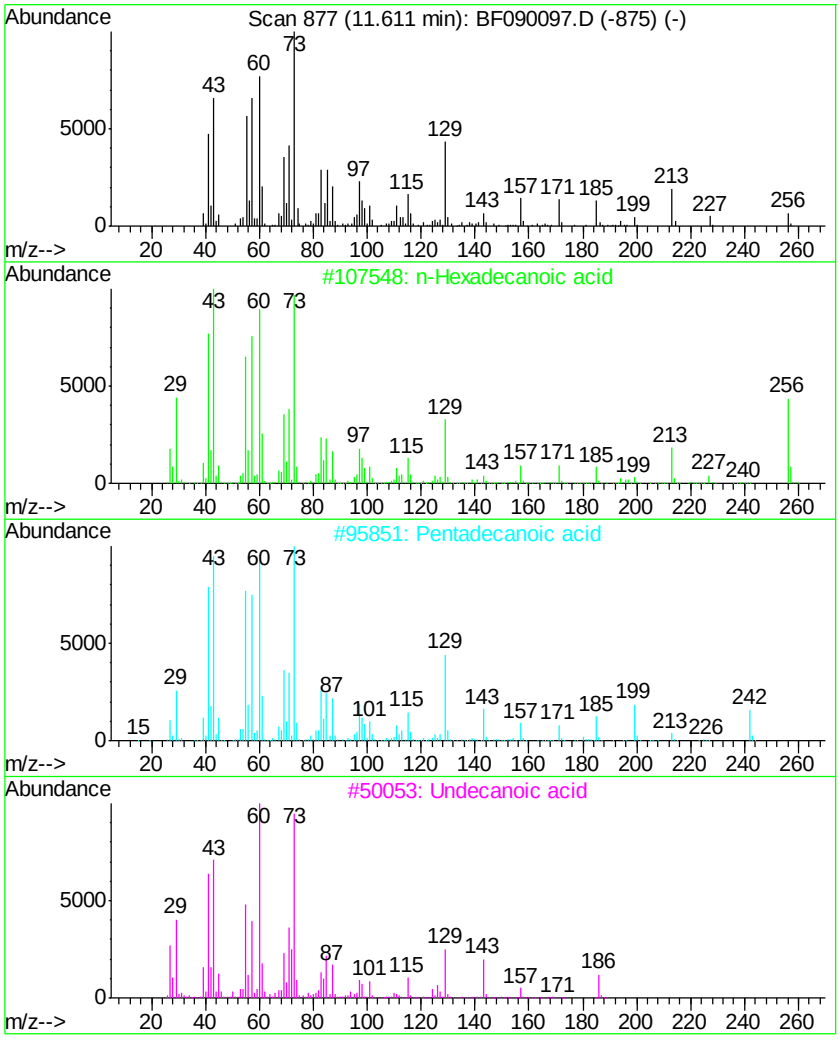
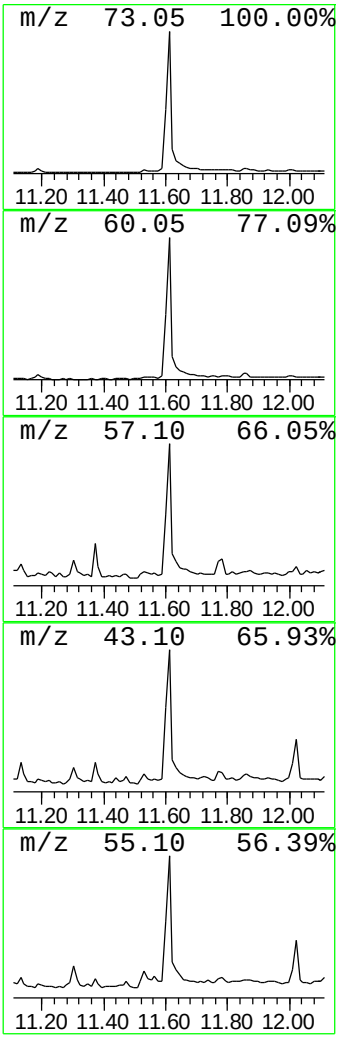
Peak Number 5 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	7.91 ng	494227	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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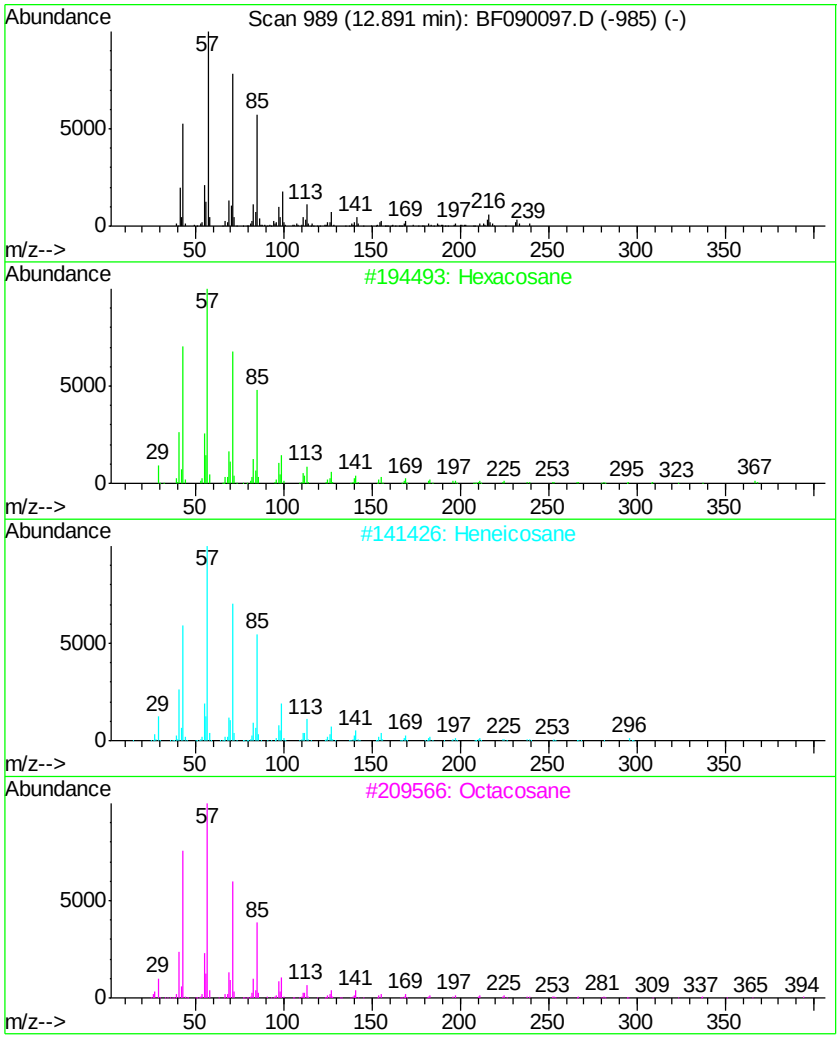
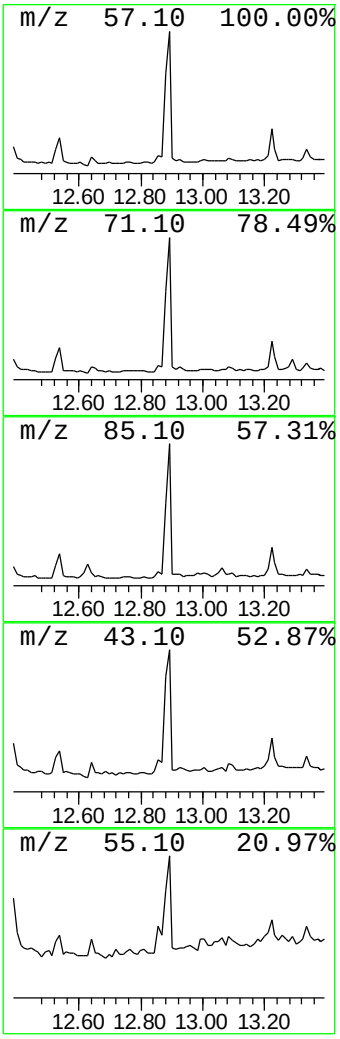
Peak Number 6 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	5.04 ng	319539	Chrysene-d12	13.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
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Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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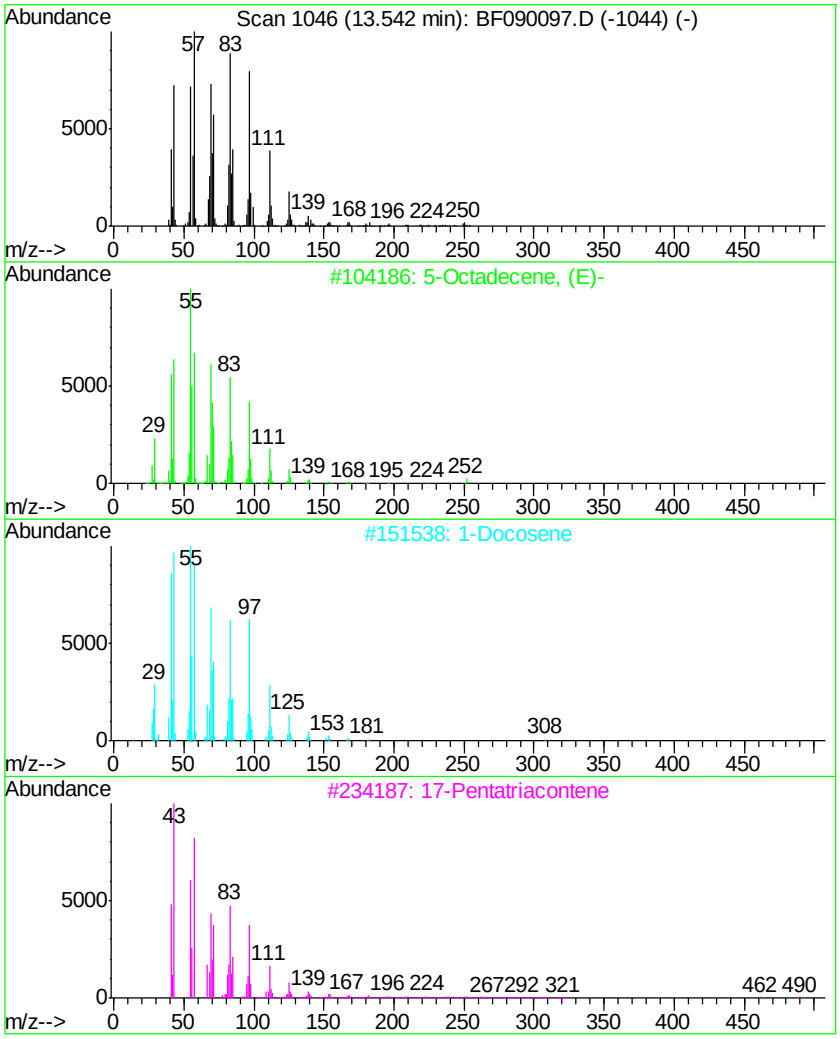
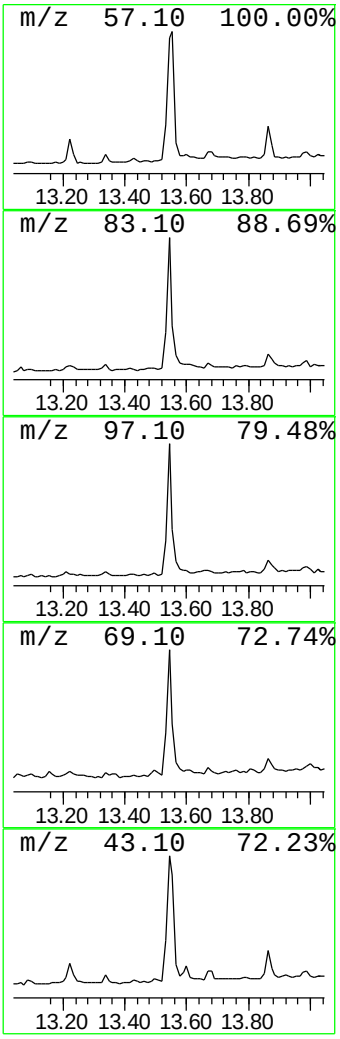
Peak Number 7 5-Octadecene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	10.73 ng	680914	Chrysene-d12	13.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	1-Docosene	308	C22H44	001599-67-3	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	87





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Data File : BF090097.D
Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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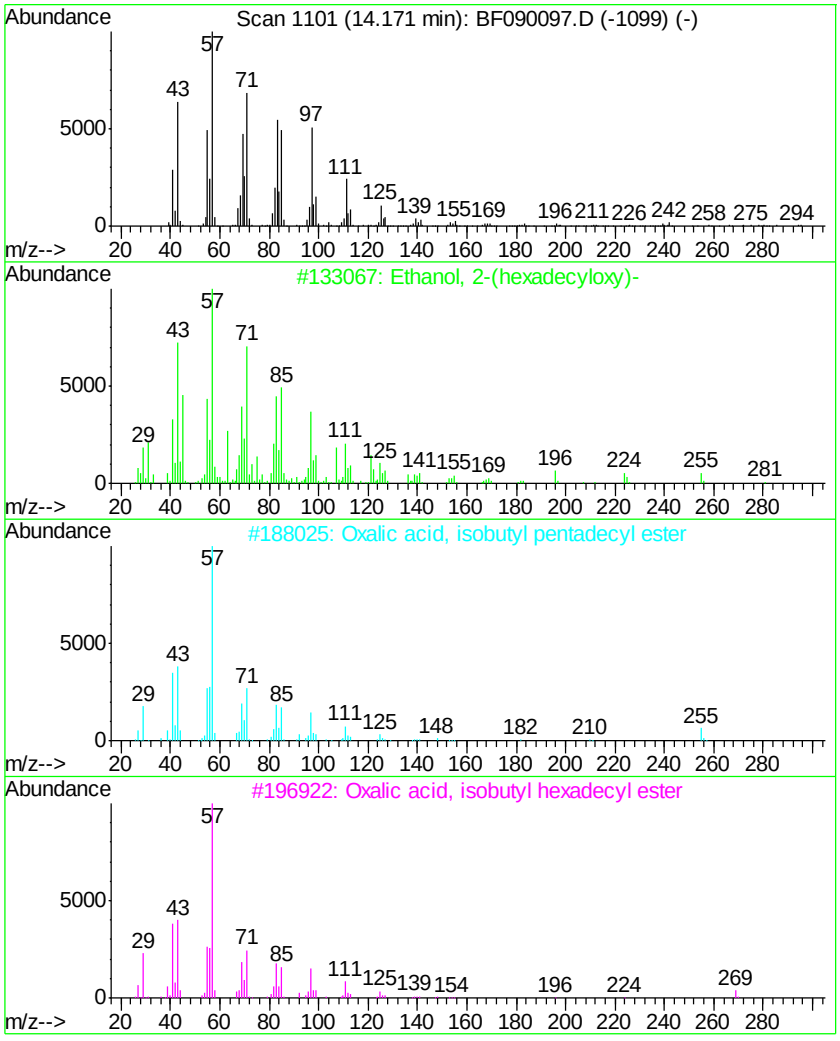
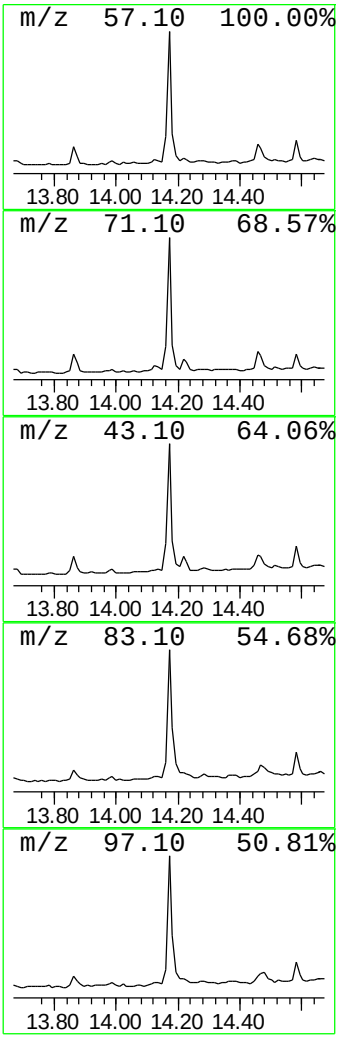
Peak Number 8 Ethanol, 2-(hexadecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	12.84 ng	814219	Chrysene-d12	13.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	81





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090097.D
Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
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Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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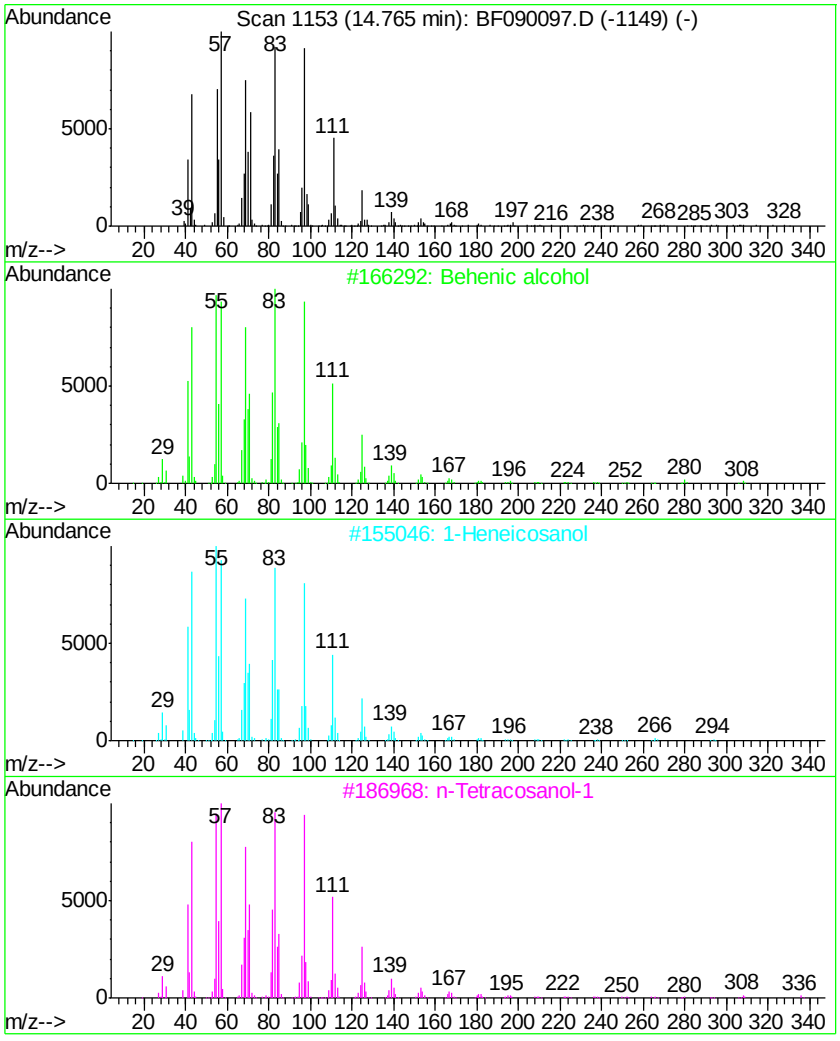
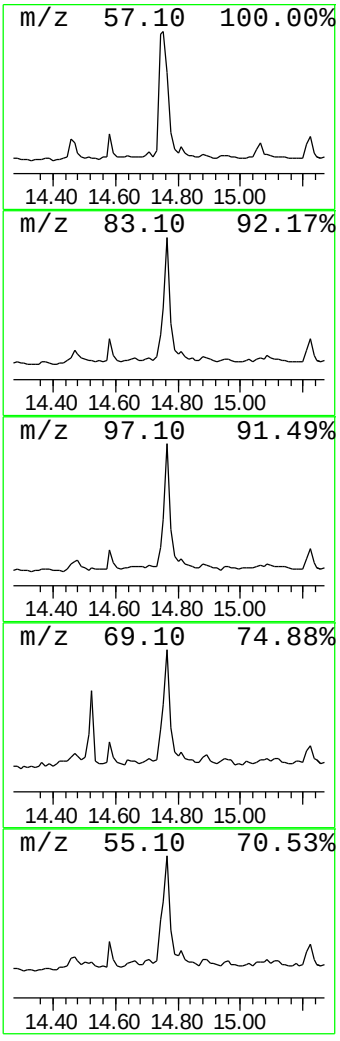
Peak Number 9 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	25.65 ng	960529	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	90
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87





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Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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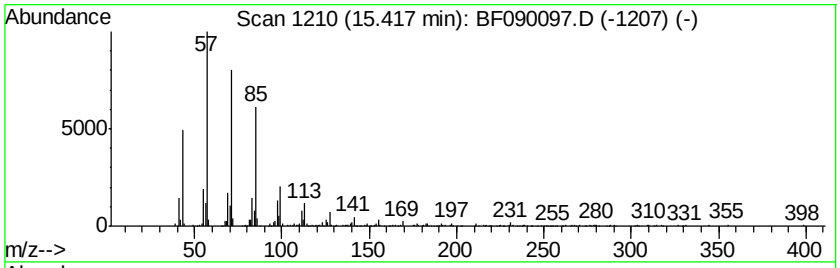
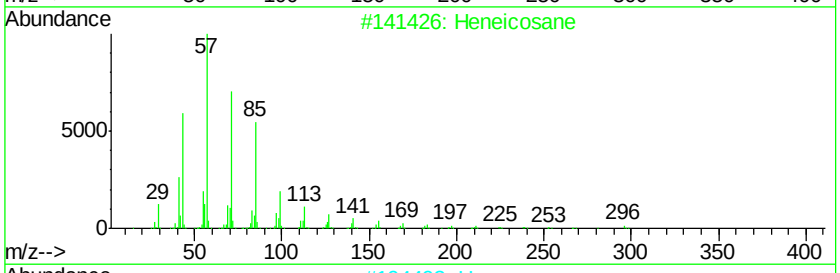
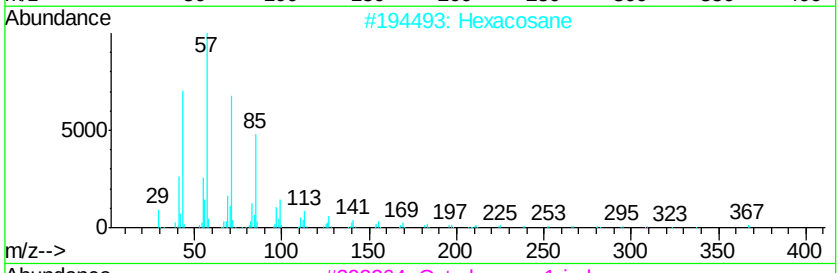
Peak Number 10 Heneicosane Concentration Rank 10

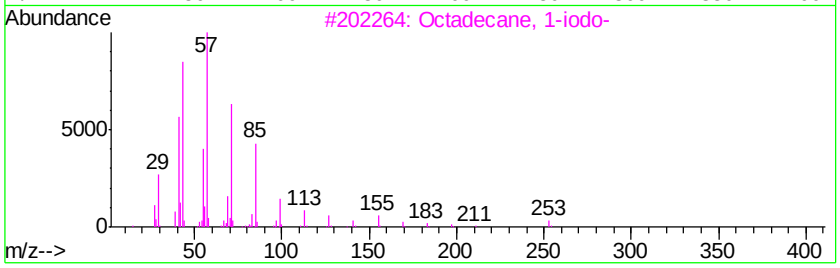
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	10.86 ng	406788	Perylene-d12	14.99

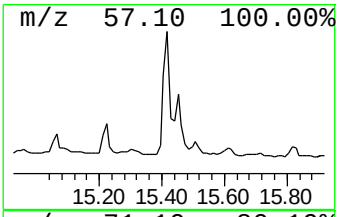
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane	240	C17H36	000629-78-7	80

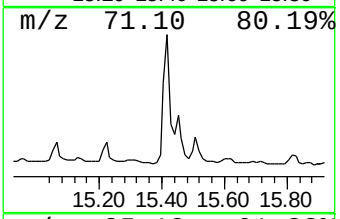


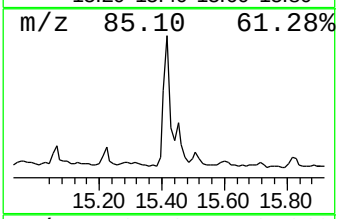


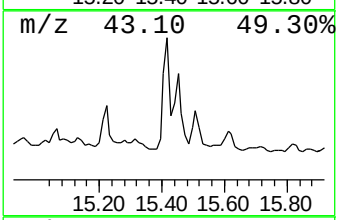


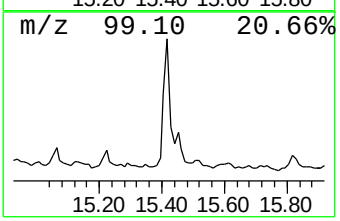












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Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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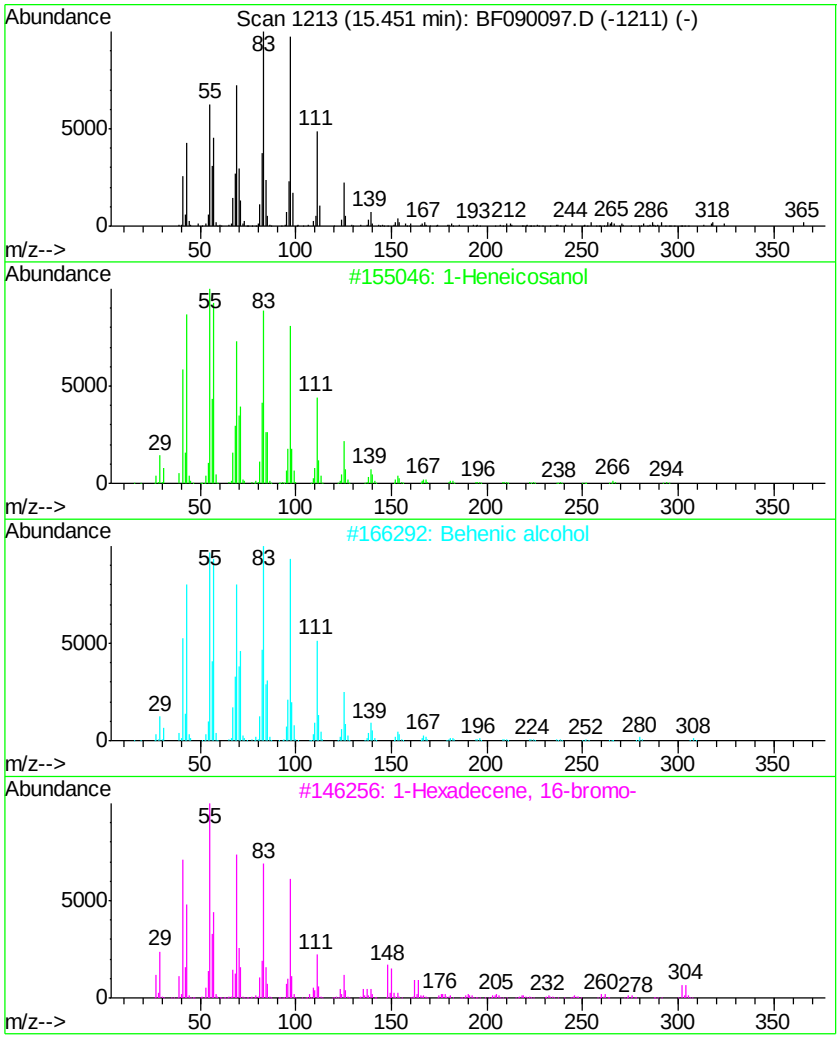
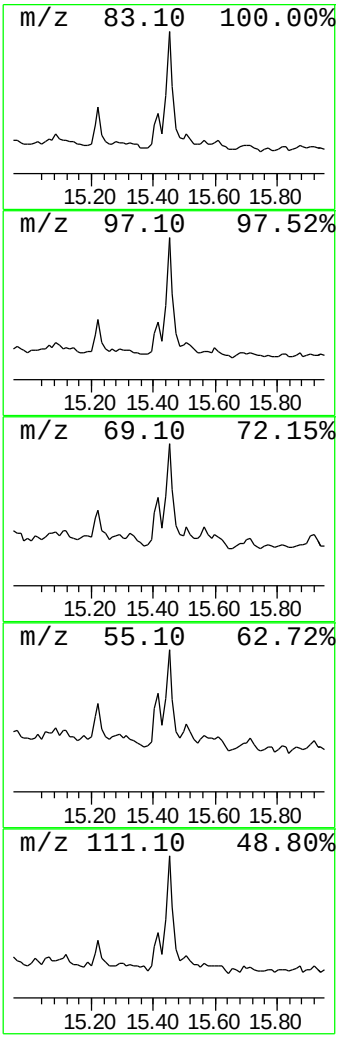
Peak Number 11 1-Heneicosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	11.28 ng	422404	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	64
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	64
5	1-Nonadecene	266	C19H38	018435-45-5	64





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

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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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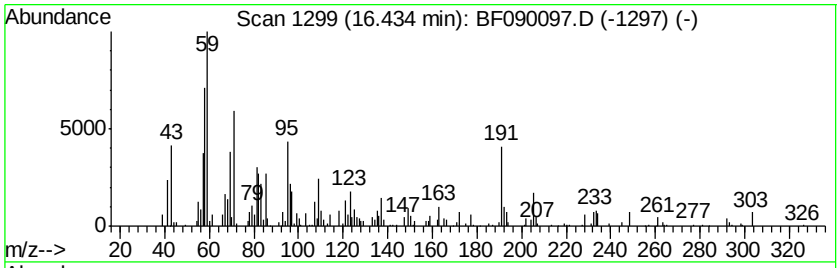
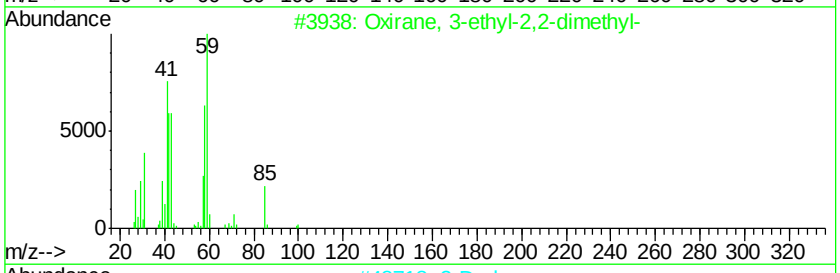
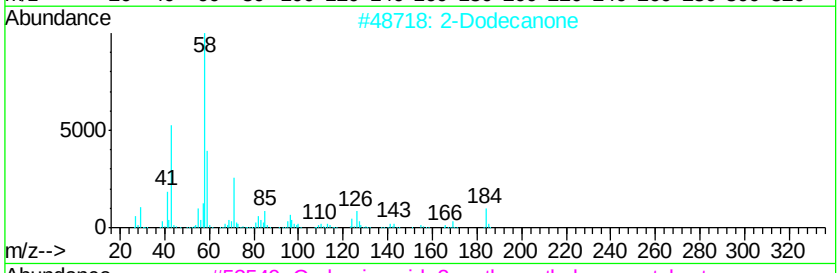
Peak Number 12 unknown16.43 Concentration Rank 19

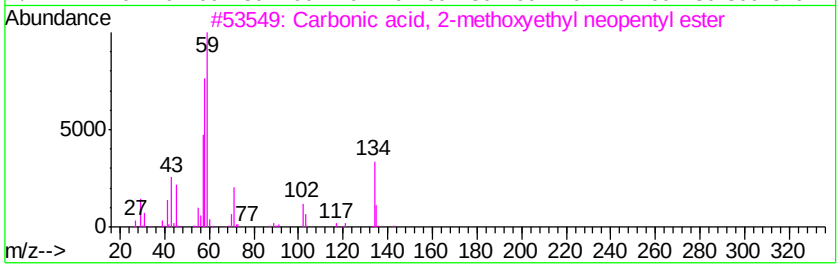
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	5.23 ng	196047	Perylene-d12	14.99

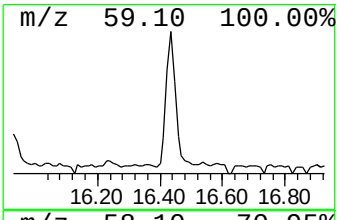
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	35
2	2-Dodecanone	184	C12H24O	006175-49-1	32
3	Carbonic acid, 2-methoxyethyl ne...	190	C9H18O4	1000331-42-7	27
4	2-Tetradecanone	212	C14H28O	002345-27-9	25
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	22

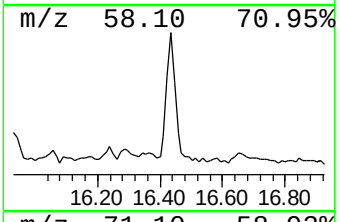


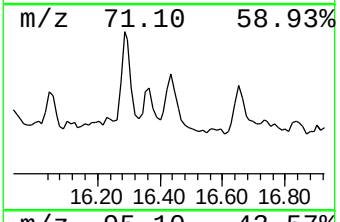


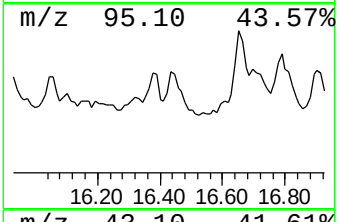


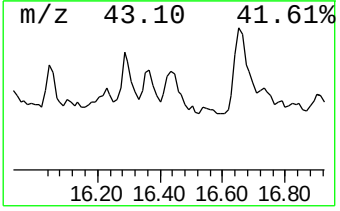












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Data File : BF090097.D
Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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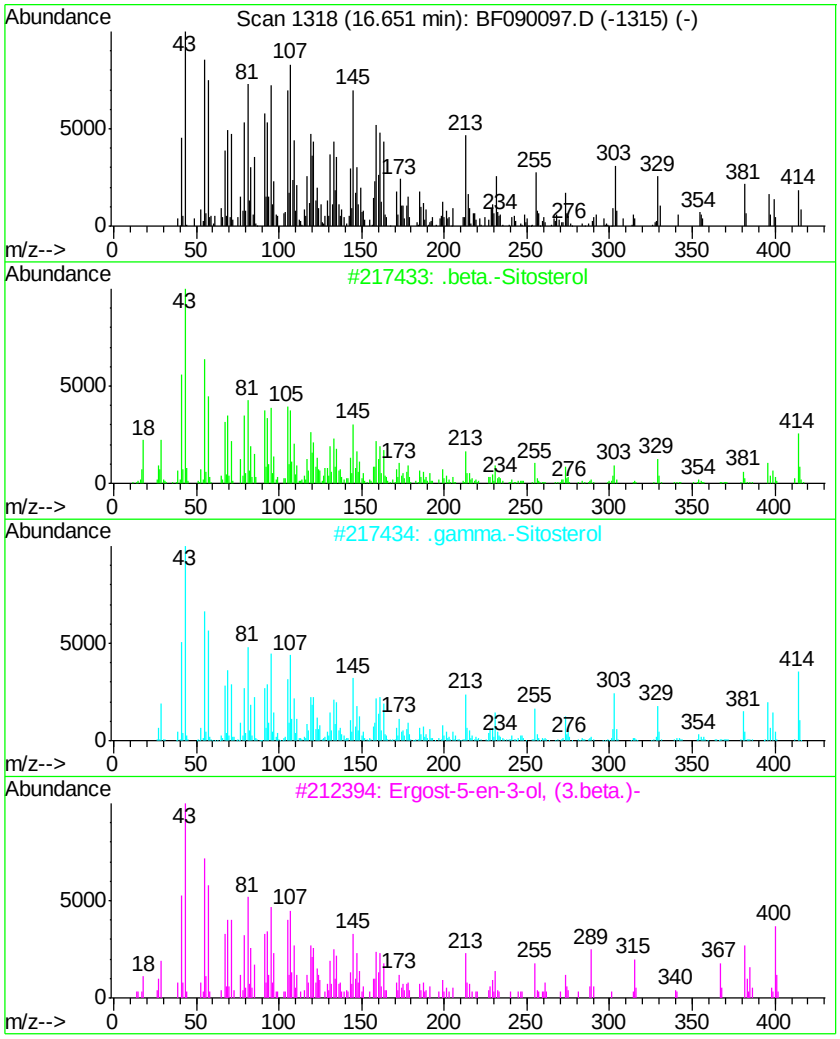
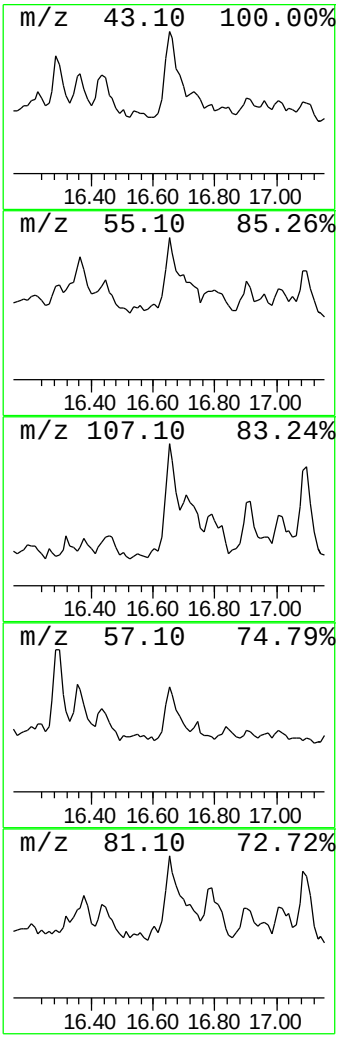
Peak Number 13 .beta.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	16.85 ng	630870	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	52
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	43
5	Campesterol	400	C28H48O	000474-62-4	43





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Sample : H4756-01
Misc :
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Instrument : BNA_F
ClientSampleId : NC-TS-004

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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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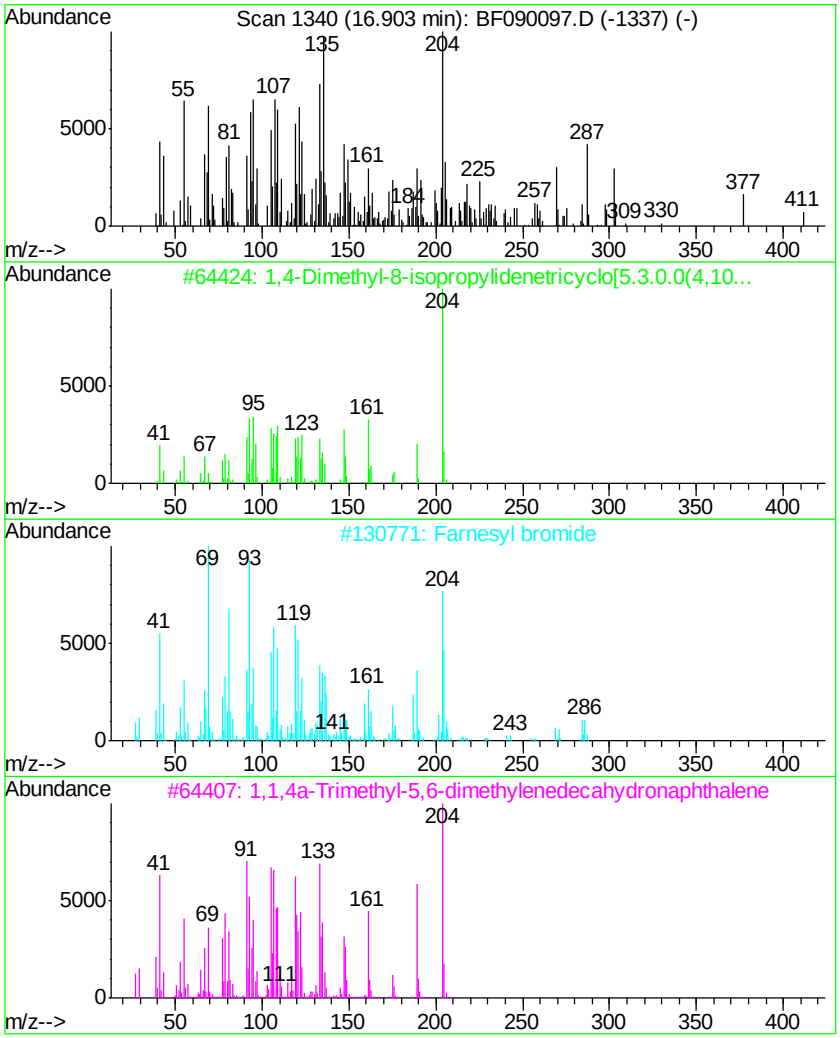
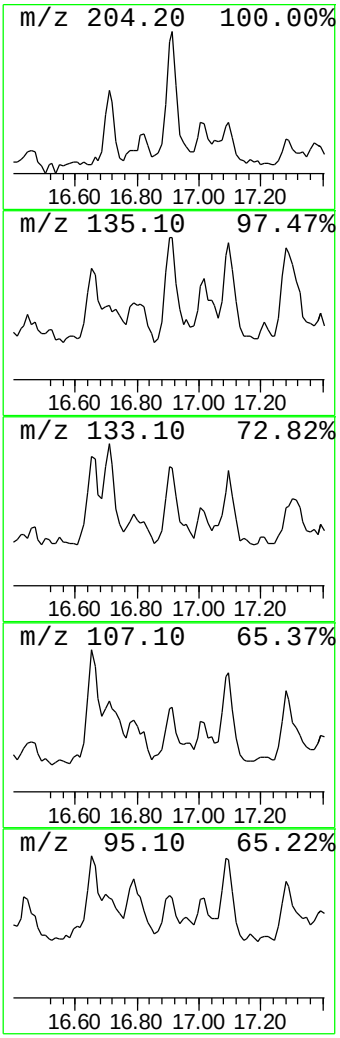
Peak Number 14 1,4-Dimethyl-8-isopropylide... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	6.98 ng	261392	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	83
2	Farnesyl bromide	284	C15H25Br	006874-67-5	70
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	70
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	46
5	3-Cyclohexene-1-methanol, .alpha...	222	C15H26O	023178-88-3	46





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ClientSampleId : NC-TS-004

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TIC Library : C:\Database\NIST11.L
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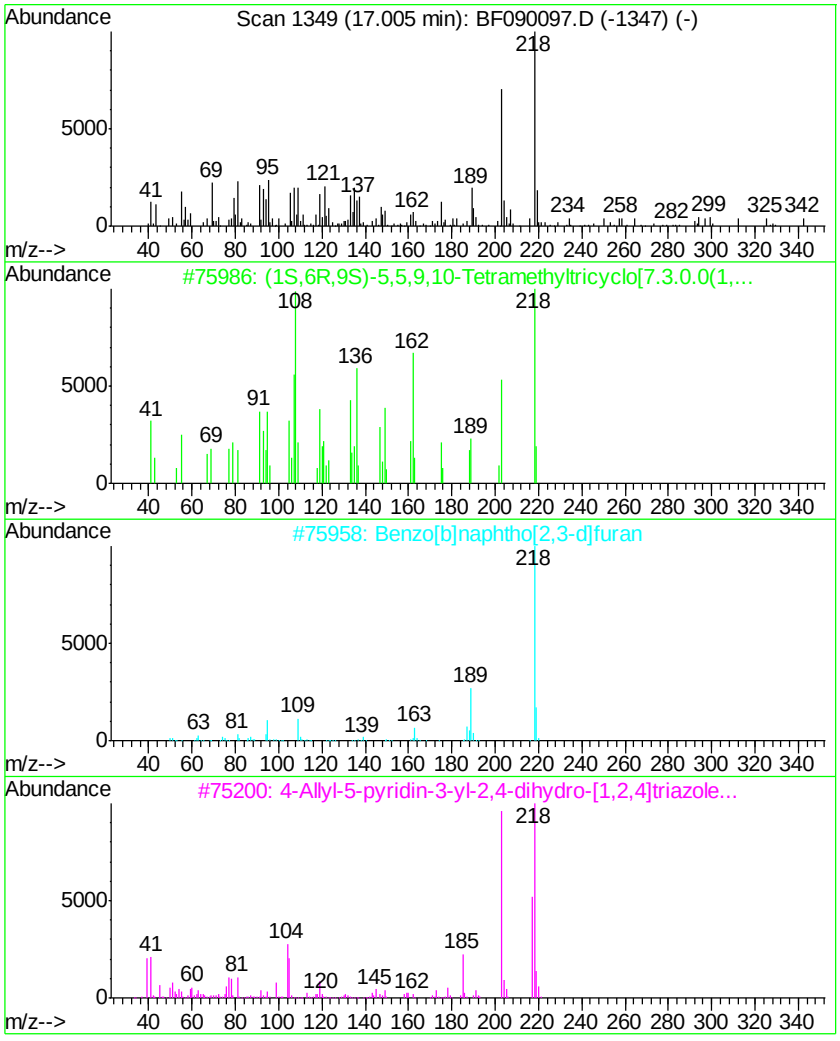
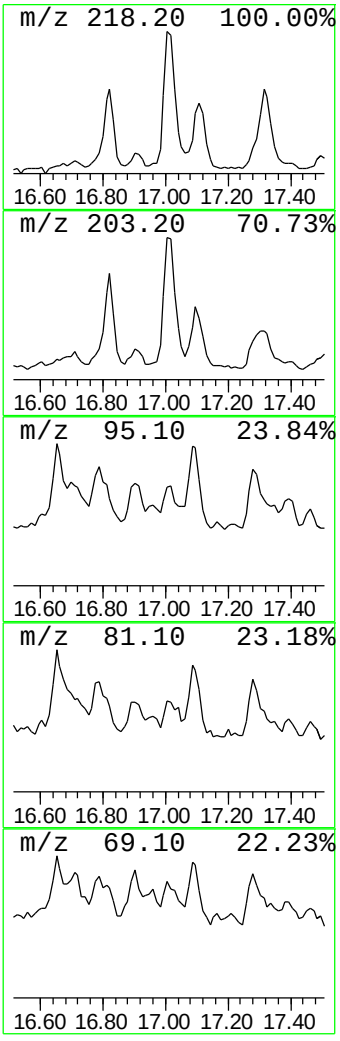
Peak Number 15 unknown17.01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	7.58 ng	283827	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	49
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	47
3	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	45
4	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	43
5	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	43





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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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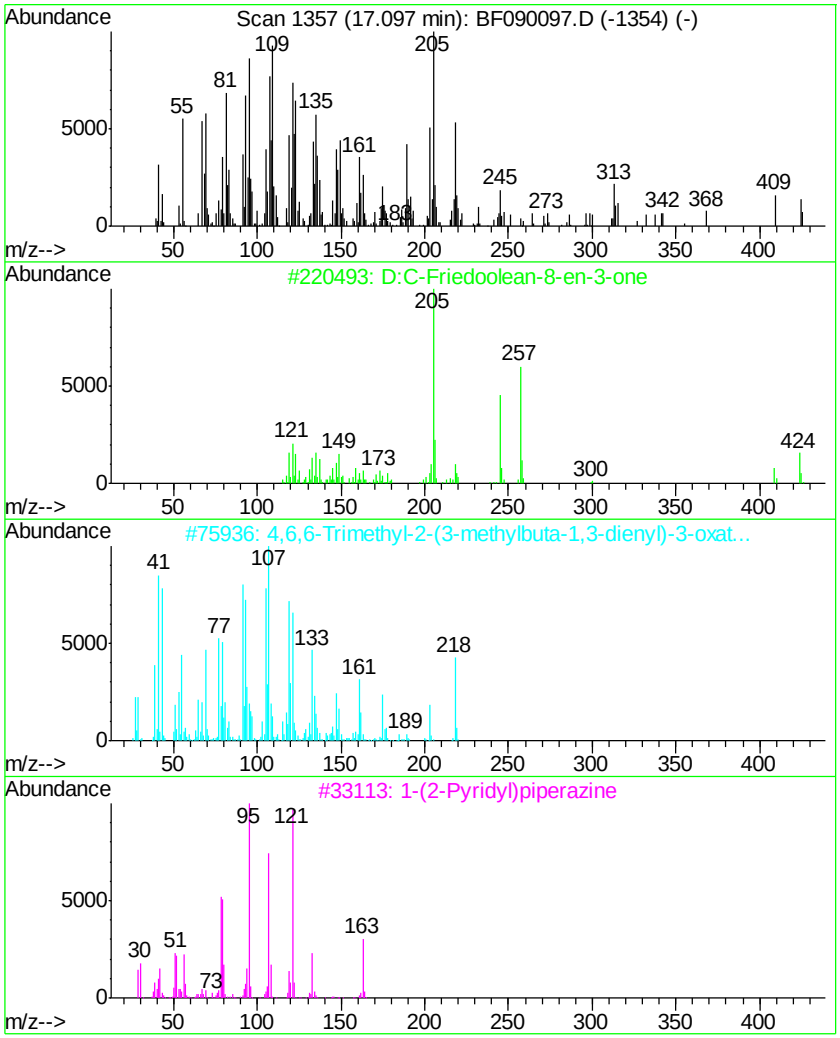
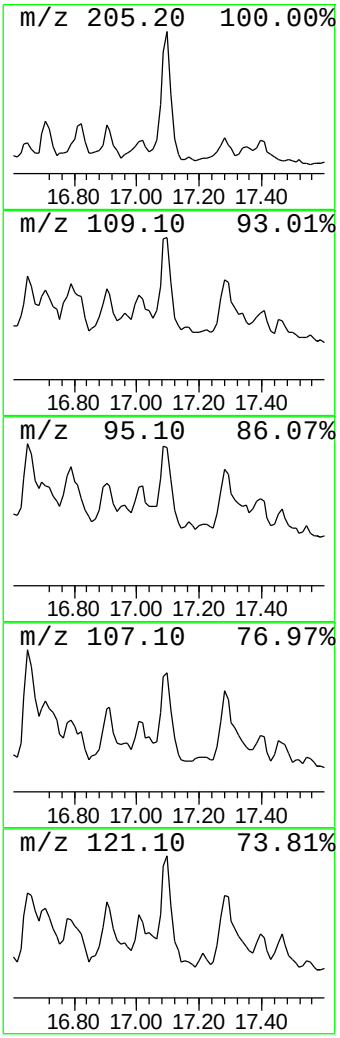
Peak Number 16 D:C-Friedoolean-8-en-3-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	10.57 ng	396013	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	52
2	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	45
3	1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	38
4	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	30
5	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	25





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TIC Library : C:\Database\NIST11.L
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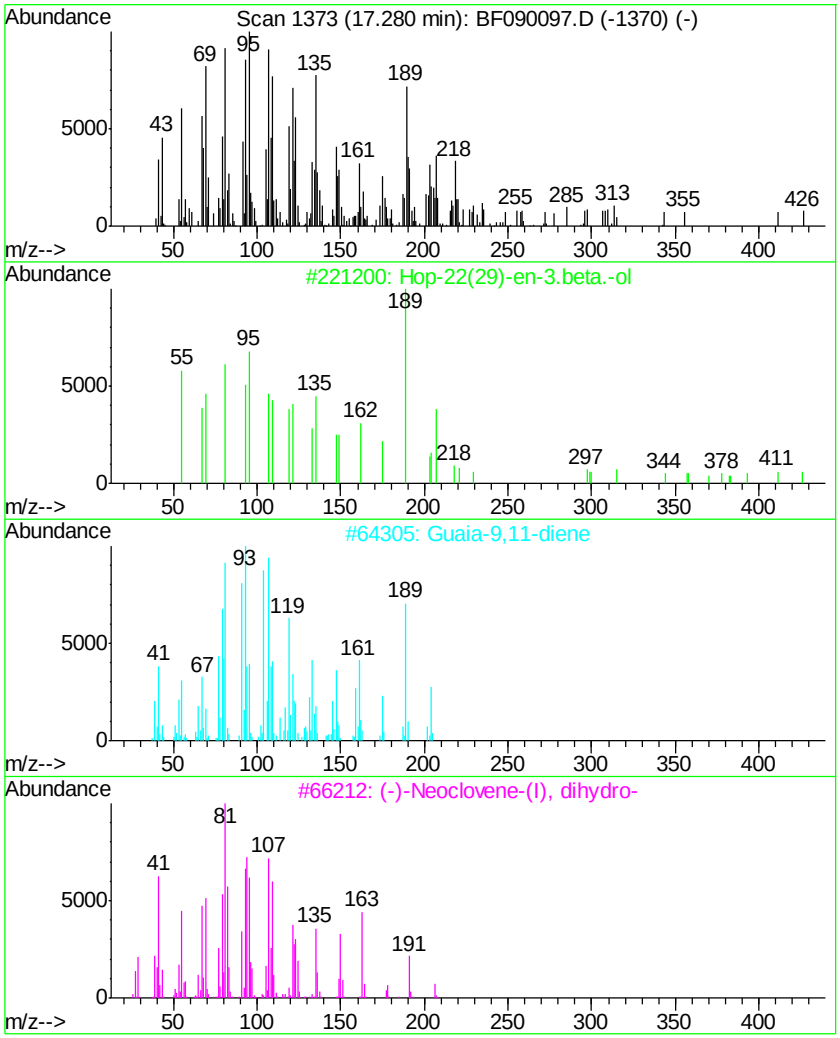
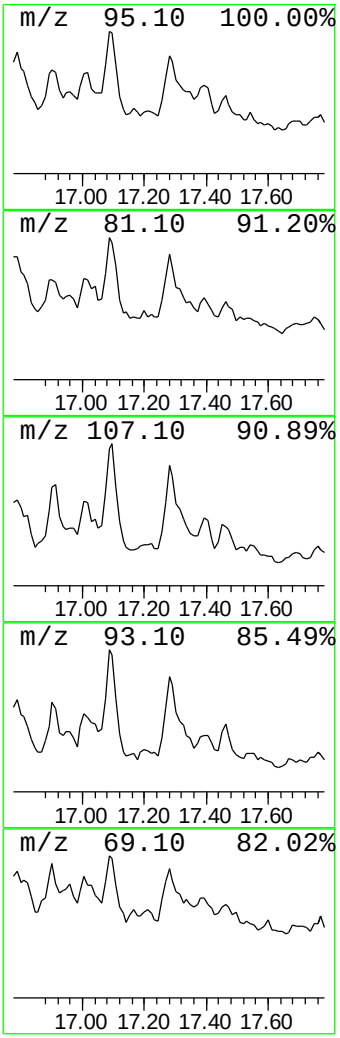
Peak Number 17 Hop-22(29)-en-3.beta.-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	10.76 ng	403065	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	91
2	Guaia-9,11-diene	204	C15H24	1000374-19-8	86
3	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	86
4	2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	53
5	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	51





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

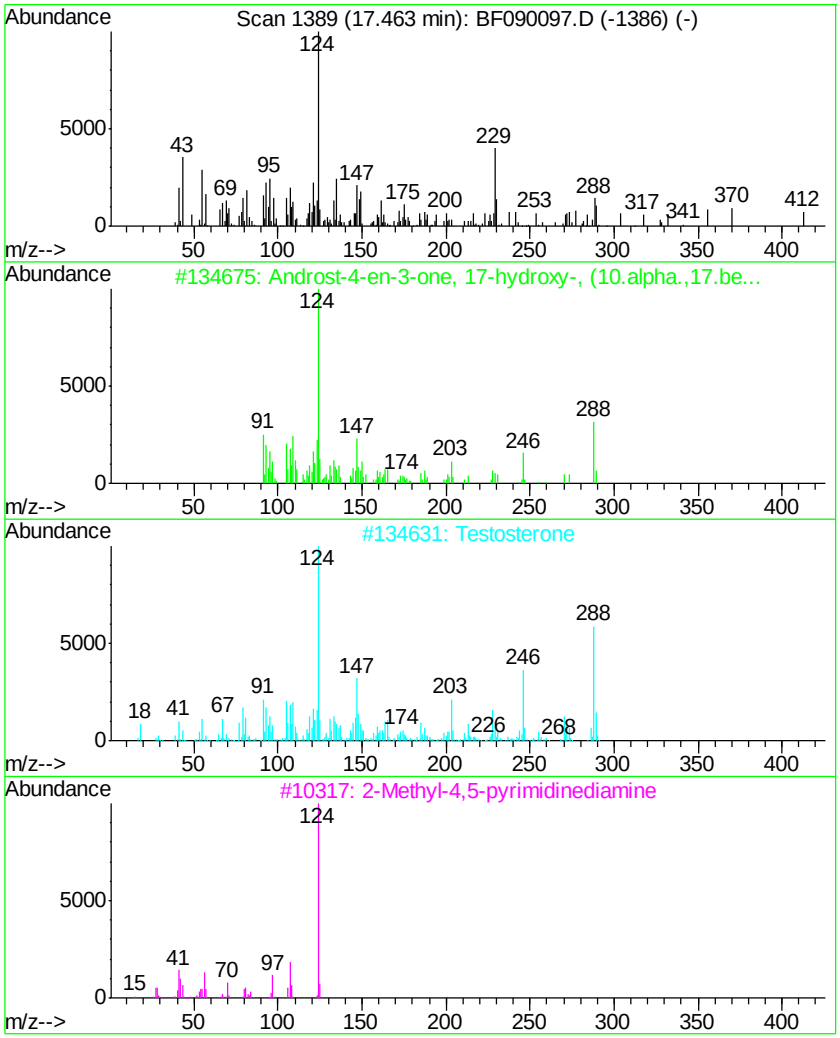
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

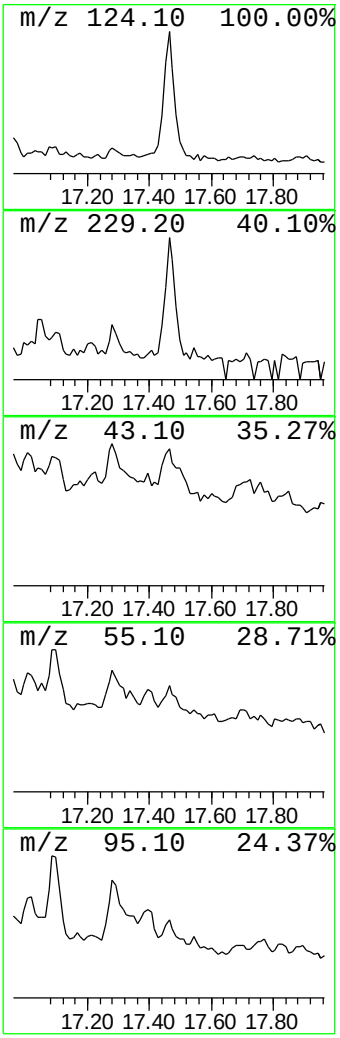
****

Peak Number 18 unknown17.46 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	8.25 ng	309101	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	43
2	Testosterone	288	C19H28O2	000058-22-0	43
3	2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	38
4	Hexanethioic acid, (2-hexanethio...	288	C14H28N2S2	1000193-53-9	30
5	Orcinol	124	C7H8O2	000504-15-4	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090097.D
Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

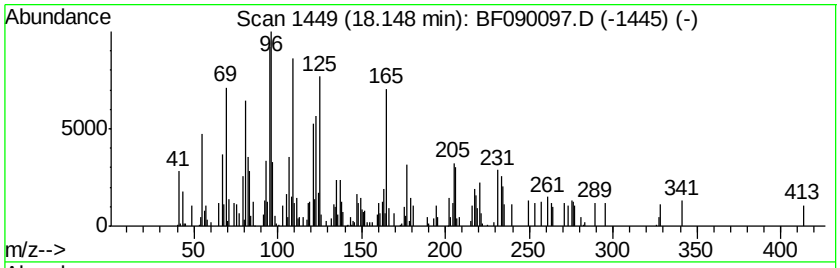
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

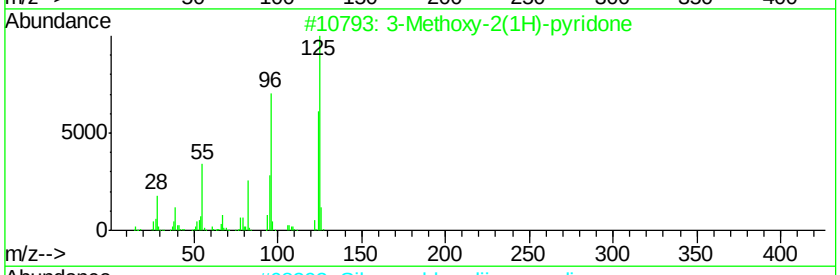
****

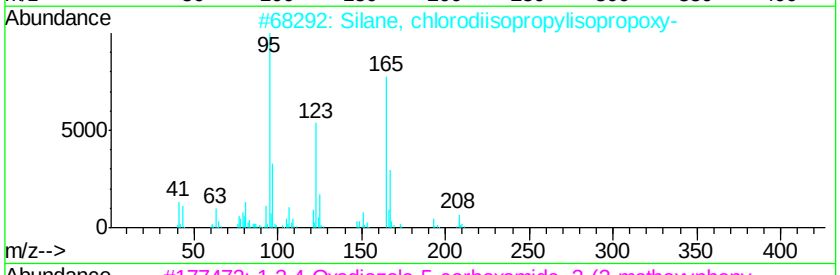
Peak Number 19 unknown18.15 Concentration Rank 18

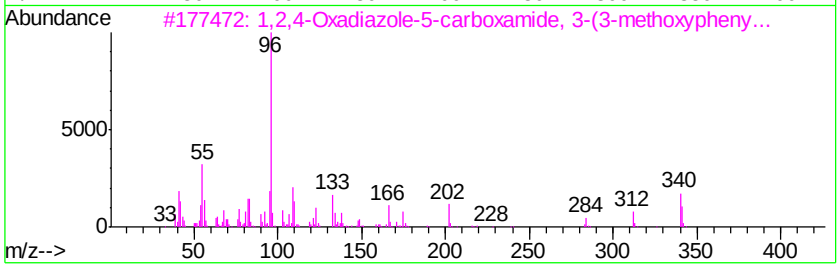
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	6.75 ng	252967	Perylene-d12	14.99

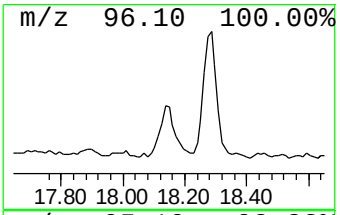
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-2(1H)-pyridone	125	C6H7NO2	020928-63-6	38
2	Silane, chlorodiisopropylisoprop...	208	C9H21ClOSi	1000305-87-8	35
3	1,2,4-Oxadiazole-5-carboxamide, ...	341	C17H19N5O3	1000318-77-4	25
4	Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	25
5	1H-Indene, octahydro-2,3a,4-trim...	208	C15H28	031230-13-4	25

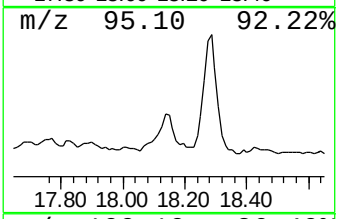


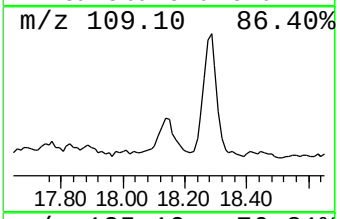


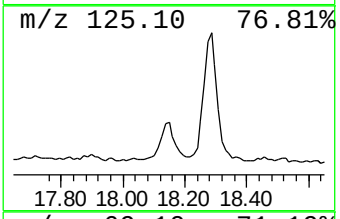


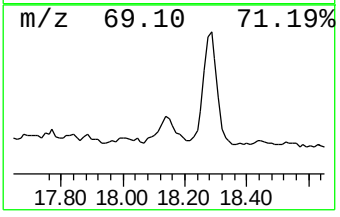












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090097.D
Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.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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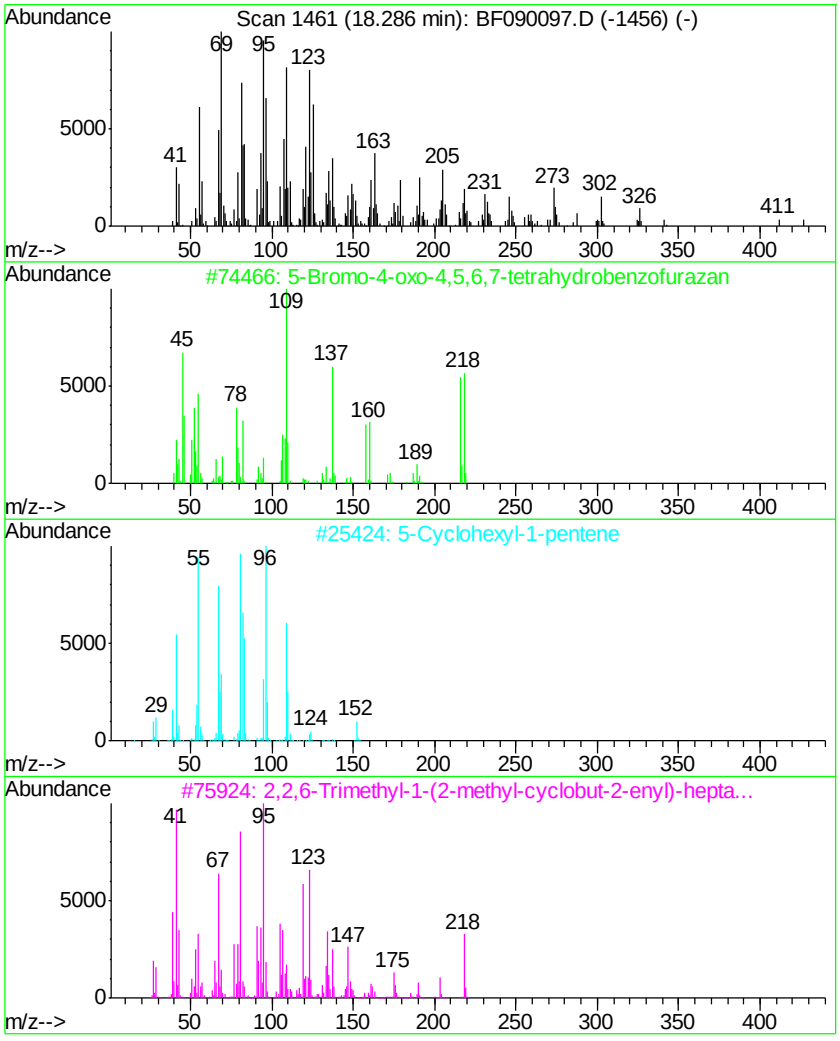
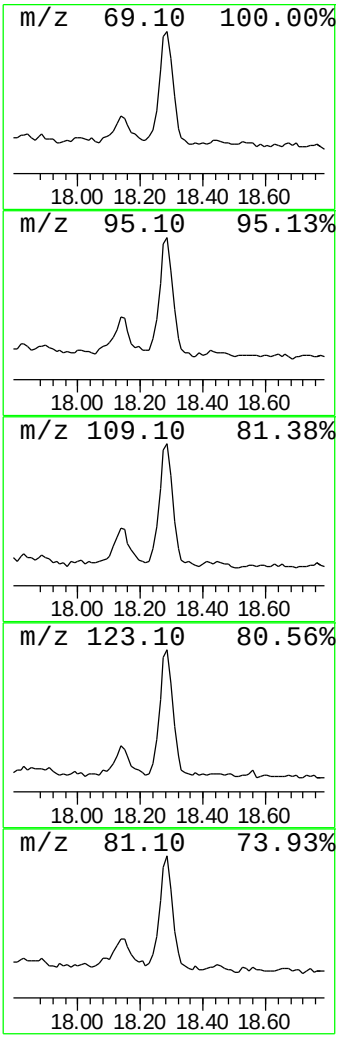
Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	24.94 ng	933924	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2	5-Cyclohexyl-1-pentene	152	C11H20	005729-54-4	56
3	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	50
4	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	46
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090097.D
Acq On : 15 Sep 2016 17:47
Operator : UM/SJ
Sample : H4756-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-TS-004

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.66	15.3	ng	725730	1	6.55	946225	20.0
unknown6.32	6.32	74.5	ng	3524480	1	6.55	946225	20.0
n-Hexadecanoic acid	11.61	7.9	ng	494227	4	11.05	1250010	20.0
Hexacosane	12.89	5.0	ng	319539	5	13.66	1268600	20.0
5-Octadecene, (E)-	13.54	10.7	ng	680914	5	13.66	1268600	20.0
Ethanol, 2-(hexad...	14.17	12.8	ng	814219	5	13.66	1268600	20.0
Behenic alcohol	14.77	25.6	ng	960529	6	14.99	748990	20.0
Heneicosane	15.42	10.9	ng	406788	6	14.99	748990	20.0
1-Heneicosanol	15.45	11.3	ng	422404	6	14.99	748990	20.0
unknown16.43	16.43	5.2	ng	196047	6	14.99	748990	20.0
.beta.-Sitosterol	16.65	16.9	ng	630870	6	14.99	748990	20.0
1,4-Dimethyl-8-is...	16.90	7.0	ng	261392	6	14.99	748990	20.0
unknown17.01	17.01	7.6	ng	283827	6	14.99	748990	20.0
D:C-Friedoolean-8...	17.10	10.6	ng	396013	6	14.99	748990	20.0
Hop-22(29)-en-3.b...	17.28	10.8	ng	403065	6	14.99	748990	20.0
unknown17.46	17.46	8.3	ng	309101	6	14.99	748990	20.0
unknown18.15	18.15	6.8	ng	252967	6	14.99	748990	20.0
5-Bromo-4-oxo-4,5...	18.29	24.9	ng	933924	6	14.99	748990	20.0