LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF090316.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.633	3	4	53	rVB	3244025	9012752	100.00%	14.067%
2	4.524	254	257	265	rBV	362474	672105	7.46%	1.049%
3	5.004	296	299	302	rBV	2032960	3121309	34.63%	4.872%
4	6.113	393	396	398	rBV	2704131	3305610	36.68%	5.159%
5	6.216	402	405	407	rVV	2933219	3051386	33.86%	4.763%
6	6.444	423	425	428	rBV	685947	676275	7.50%	1.056%
7	6.605	436	439	441	rBV	2534468	2333971	25.90%	3.643%
8	7.027	473	476	478	rBV	1881063	2286809	25.37%	3.569%
9	7.176	485	489	495	rVB	96196	163079	1.81%	0.255%
10	7.736	535	538	541	rBV	1041450	964936	10.71%	1.506%
11	8.822	630	633	635	rBV	3357304	3471155	38.51%	5.418%
12	8.959	644	645	652	rVB	82017	126762	1.41%	0.198%
13	9.222	665	668	671	rBV	1619741	1623532	18.01%	2.534%
14	9.485	688	691	693	rVB	936835	1147379	12.73%	1.791%
15	10.262	756	759	762	rBV2	1710041	2319071	25.73%	3.620%
16	10.411	770	772	778	rVB	117828	142735	1.58%	0.223%
17	10.639	785	792	796	rBV4	52170	137953	1.53%	0.215%
18	10.948	816	819	821	rBV	1267414	1120234	12.43%	1.748%
19	11.211	839	842	846	rBV2	65316	93549	1.04%	0.146%
20	11.519	866	869	871	rBV	142373	158409	1.76%	0.247%
21	12.011	910	912	914	rVV	180058	157408	1.75%	0.246%
22	12.068	916	917	919	rVB	578584	515642	5.72%	0.805%
23	12.445	947	950	952	rBV	92104	121814	1.35%	0.190%
24	12.537	955	958	960	rBV	2209698	2541647	28.20%	3.967%
25	12.765	976	978	979	rBV	131842	138507	1.54%	0.216%
26	12.799	979	981	988	rVB2	796677	1170156	12.98%	1.826%
27	13.108	1004	1008	1009	rBV3	112578	186822	2.07%	0.292%
28	13.131	1009	1010	1012	rVV2	107745	111555	1.24%	0.174%
29	13.245	1019	1020	1022	rVB	126798	96268	1.07%	0.150%
30	13.302	1022	1025	1026	rBV	134091	165868	1.84%	0.259%
31	13.337	1026	1028	1031	rVB	94212	133879	1.49%	0.209%
32	13.451	1035	1038	1042	rBV2	1668890	2362200	26.21%	3.687%
33	13.554	1045	1047	1050	rBV	733709	893988	9.92%	1.395%
34	13.771	1063	1066	1069	rBV	169763	221545	2.46%	0.346%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.885	1073	1076	1079	rVV2	122596	171061	1.90%	0.267%
36	14.011	1084	1087	1090	rBV	232207	217929	2.42%	0.340%
37	14.080	1090	1093	1096	rVV	2120805	2420784	26.86%	3.778%
38	14.377	1116	1119	1122	rBV2	145520	242682	2.69%	0.379%
39	14.491	1127	1129	1132	rVB	250516	228287	2.53%	0.356%
40	14.662	1140	1144	1147	rBV	1177813	2071043	22.98%	3.232%
41	14.708	1147	1148	1153	rVV2	96945	162600	1.80%	0.254%
42	14.880	1160	1163	1167	rVV2	596815	812614	9.02%	1.268%
43	14.948	1167	1169	1170	rVV	100127	137006	1.52%	0.214%
44	14.971	1170	1171	1178	rVV3	81113	164738	1.83%	0.257%
45	15.097	1180	1182	1185	rBV	131844	190909	2.12%	0.298%
46	15.188	1188	1190	1195	rVB2	91860	143534	1.59%	0.224%
47	15.291	1196	1199	1200	rBV	366043	572540	6.35%	0.894%
48	15.325	1200	1202	1205	rVV	863818	1336074	14.82%	2.085%
49	15.371	1205	1206	1211	rVV2	103699	207930	2.31%	0.325%
50	15.485	1211	1216	1219	rVB2	111203	266302	2.95%	0.416%
51	15.634	1226	1229	1231	rBV2	45470	112399	1.25%	0.175%
52	15.885	1248	1251	1254	rBV	80029	162932	1.81%	0.254%
53	16.114	1268	1271	1274	rVV	83851	239395	2.66%	0.374%
54	16.183	1274	1277	1281	rVV	212452	488408	5.42%	0.762%
55	16.263	1281	1284	1293	rVB4	165875	428695	4.76%	0.669%
56	16.457	1297	1301	1303	rBV	156599	392133	4.35%	0.612%
57	16.514	1303	1306	1312	rVV2	629217	1699946	18.86%	2.653%
58	16.617	1312	1315	1318	rVV2	101552	237631	2.64%	0.371%
59	16.697	1318	1322	1326	rVV	312075	751851	8.34%	1.173%
60	16.754	1326	1327	1329	rVV2	69701	129034	1.43%	0.201%
61	16.880	1333	1338	1342	rVB	1403434	3028649	33.60%	4.727%
62	17.051	1349	1353	1358	rBV	454871	1118271	12.41%	1.745%
63	17.143	1358	1361	1365	rVB	168155	352581	3.91%	0.550%
64	17.223	1365	1368	1374	rVB2	87415	251170	2.79%	0.392%
65	17.451	1385	1388	1398	rVB2	40942	146002	1.62%	0.228%
66	17.874	1419	1425	1431	rBV7	47527	197509	2.19%	0.308%
67	18.000	1431	1436	1443	rVB3	78369	241908	2.68%	0.378%

Sum of corrected areas: 64070857

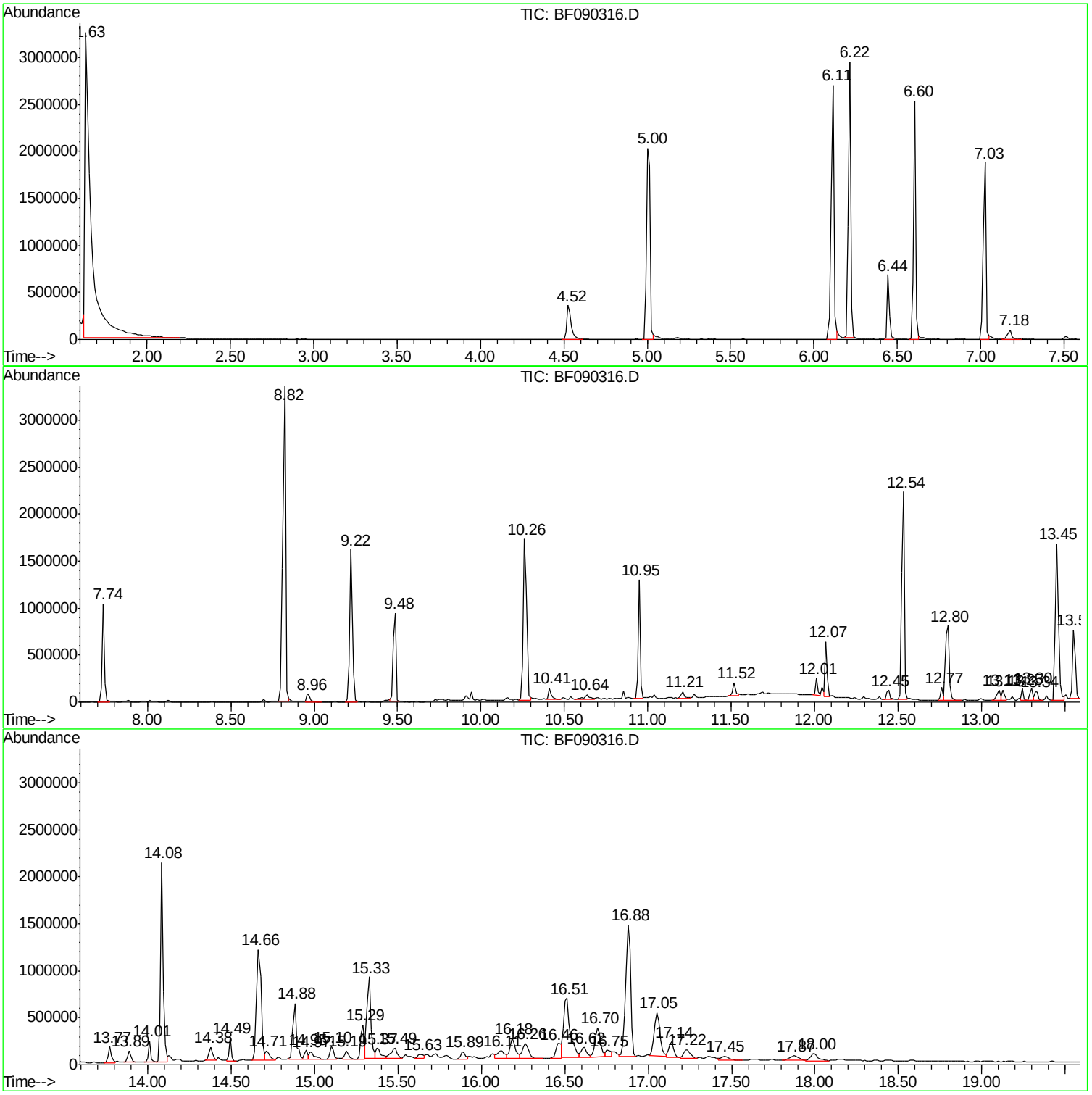
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

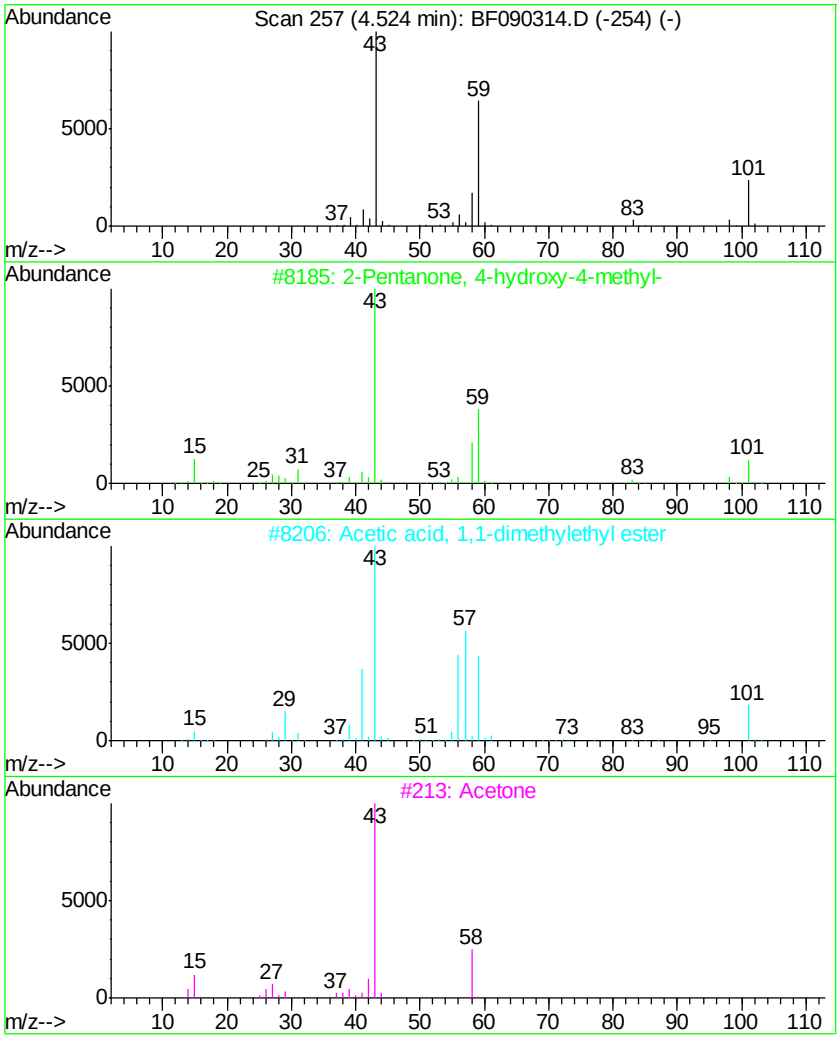
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

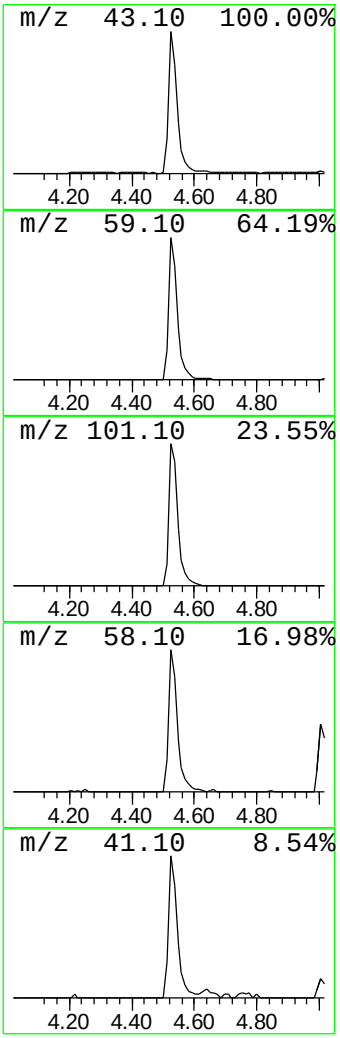
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	19.88 ng	672105	1,4-Dichlorobenzene-d4	6.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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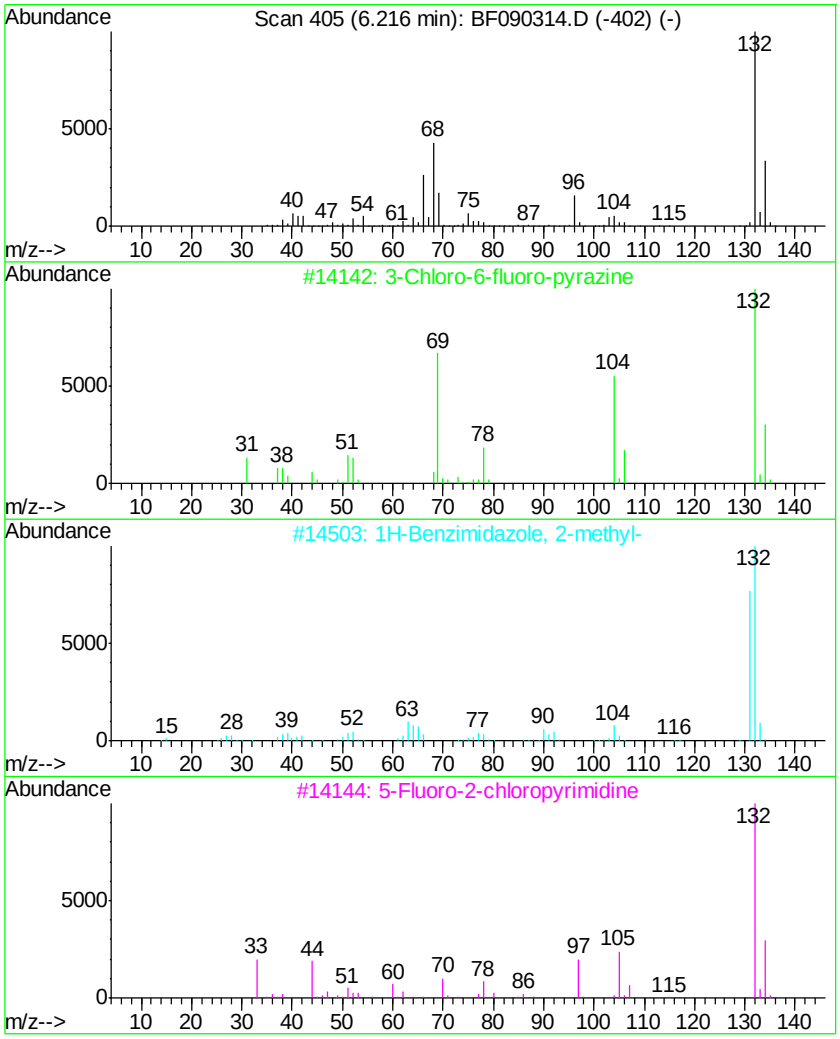
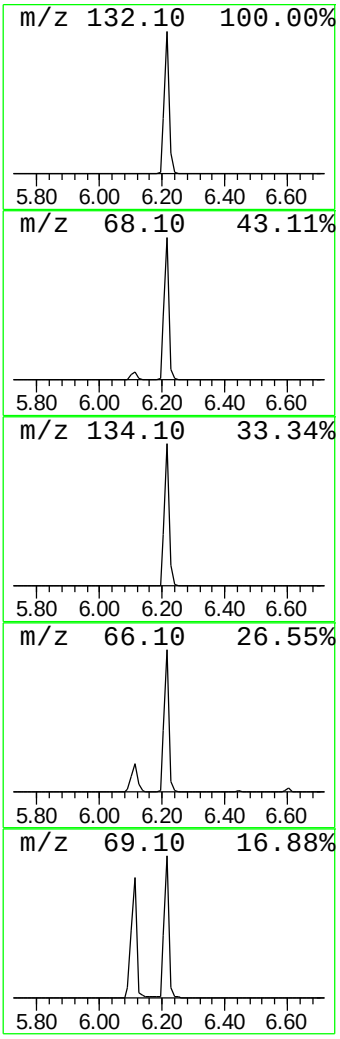
Peak Number 3 unknown6.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	90.24 ng	3051390	1,4-Dichlorobenzene-d4	6.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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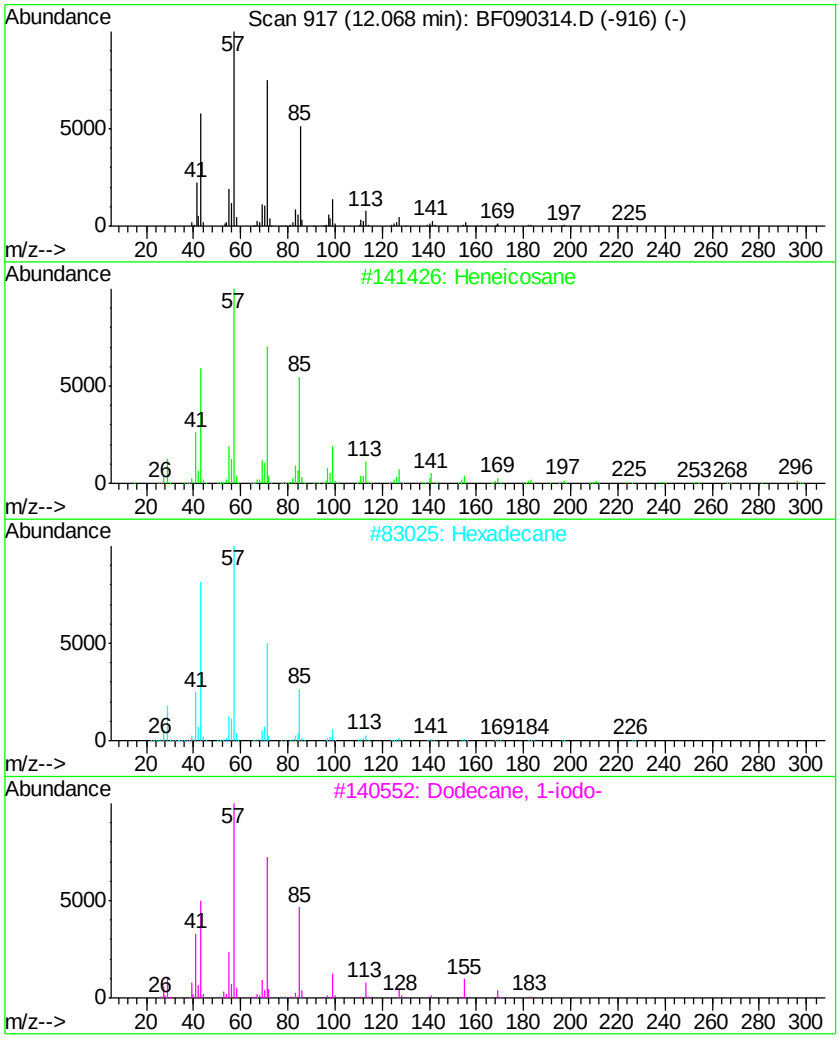
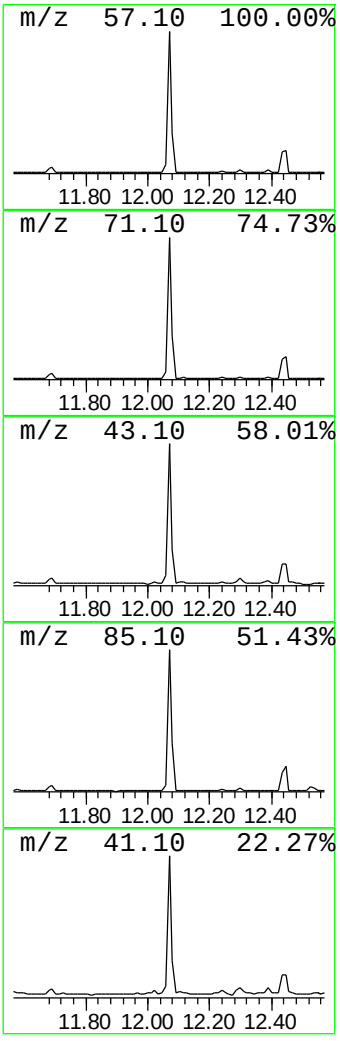
Peak Number 5 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	9.21 ng	515642	Phenanthrene-d10	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

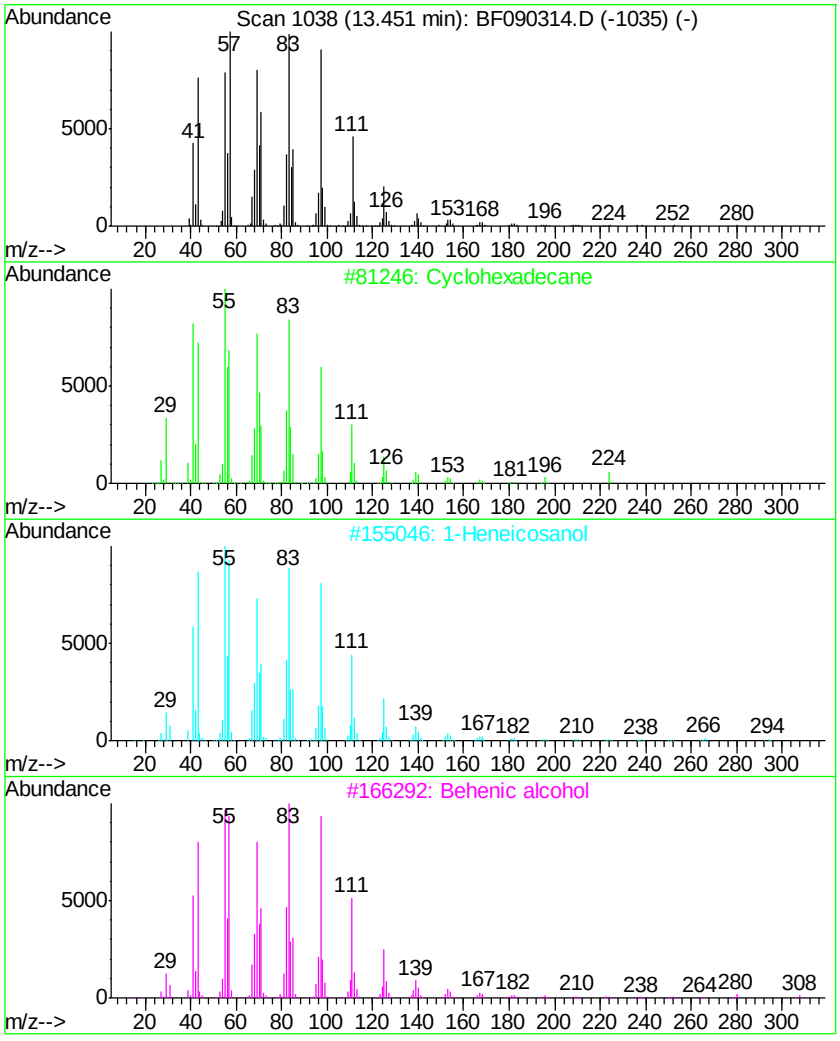
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

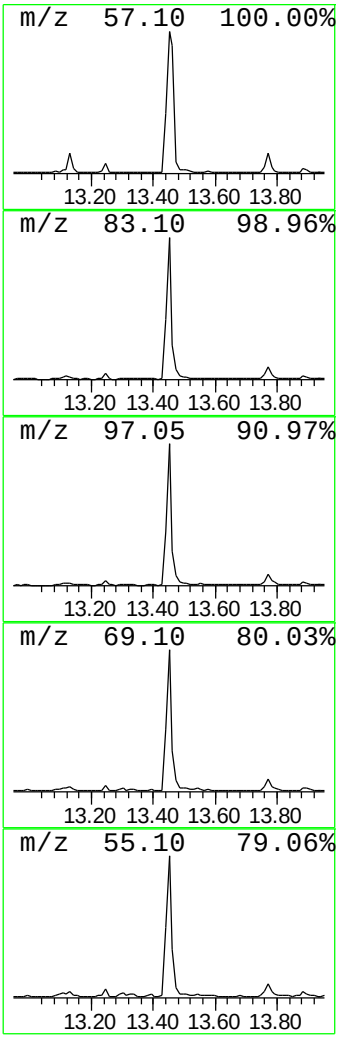
****

Peak Number 7 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	52.85 ng	2362200	Chrysene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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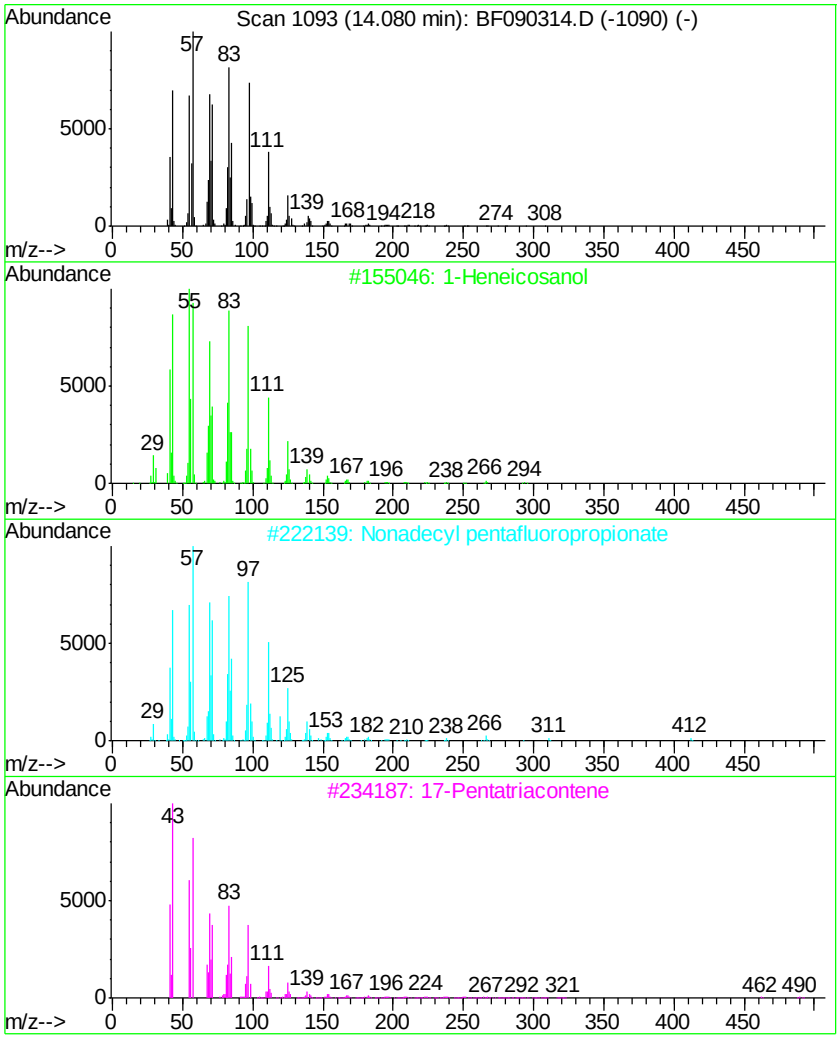
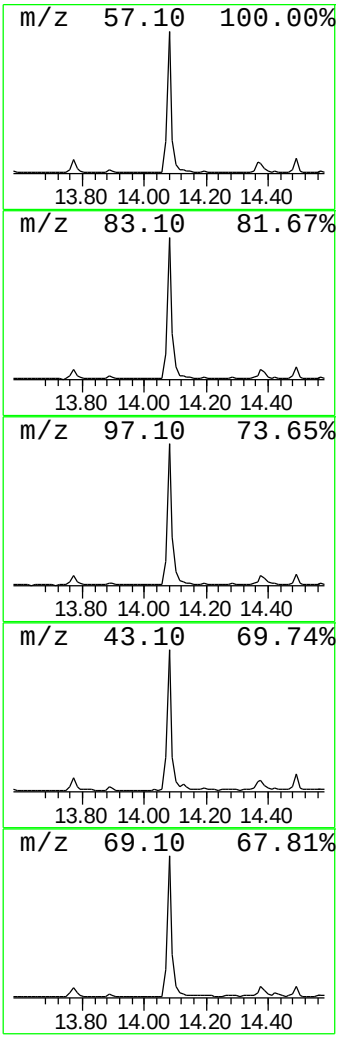
Peak Number 8 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	54.16 ng	2420780	Chrysene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

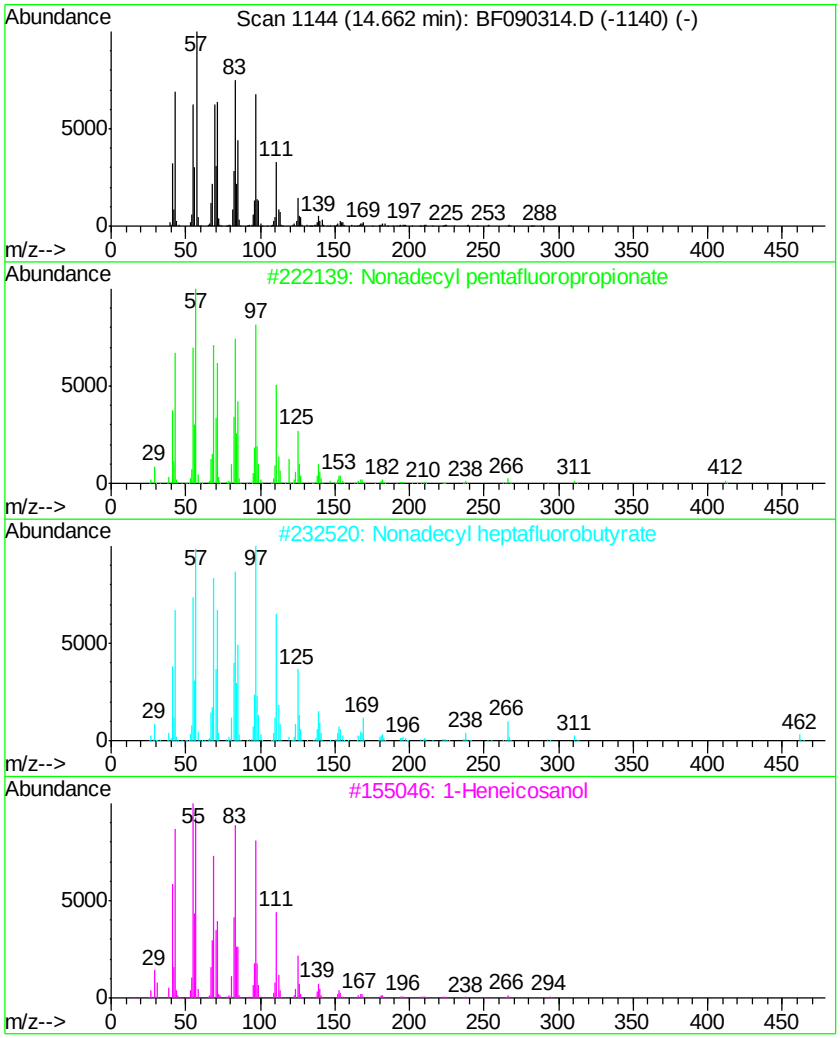
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

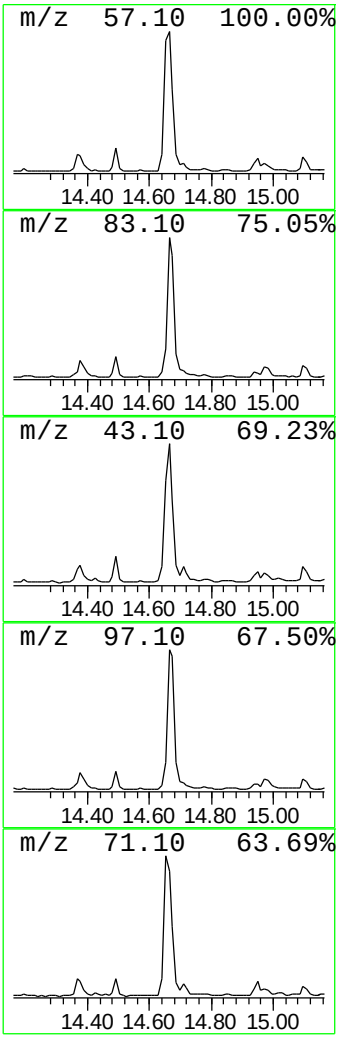
****

Peak Number 9 Nonadecyl pentafluoropropio... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	50.97 ng	2071040	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	89
4	Behenic alcohol	326	C22H46O	000661-19-8	89
5	17-Pentatriacontene	491	C35H70	006971-40-0	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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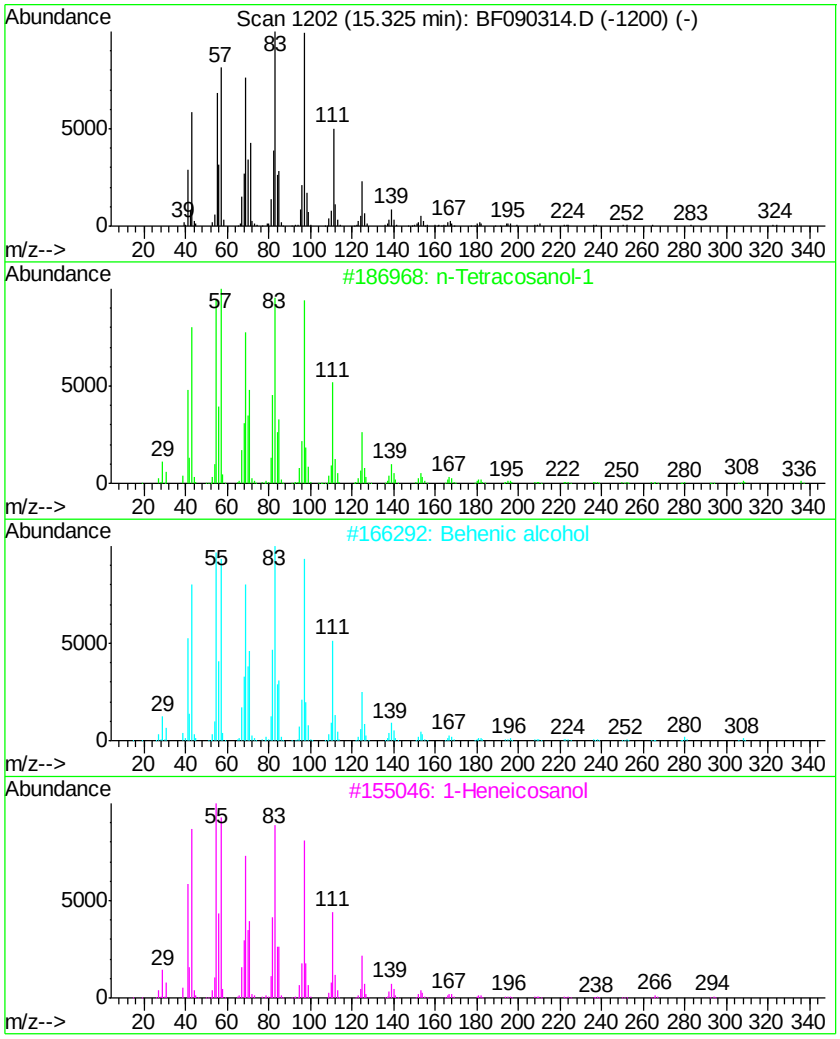
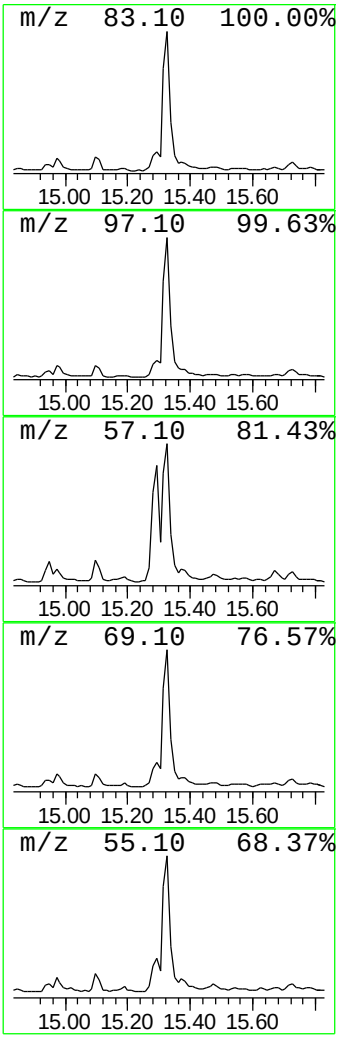
Peak Number 11 n-Tetracosanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	32.88 ng	1336070	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
5	Cyclopentadecane	210	C15H30	000295-48-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

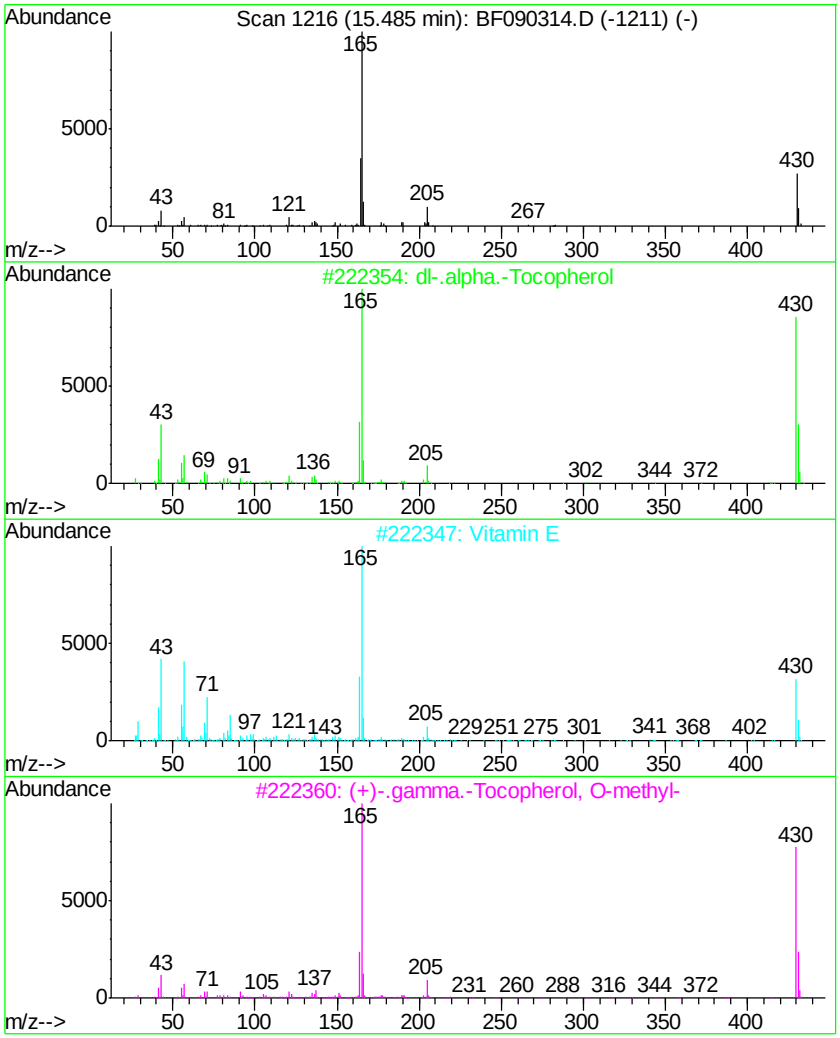
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

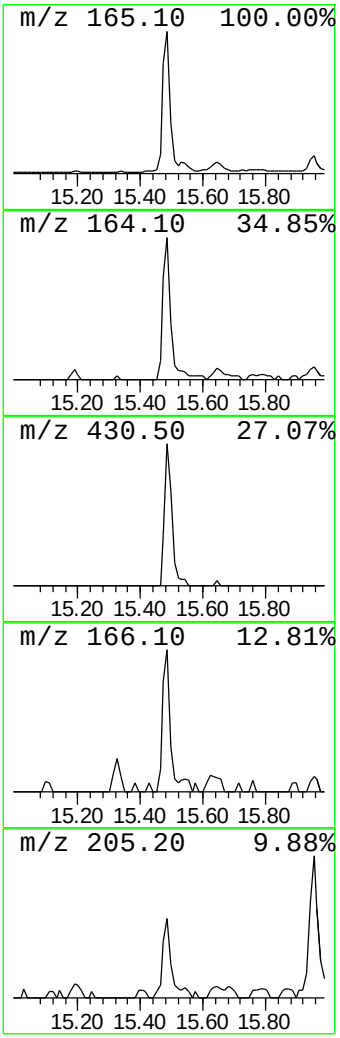
****

Peak Number 12 dl-.alpha.-Tocopherol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	6.55 ng	266302	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	97
2	Vitamin E	430	C29H50O2	000059-02-9	94
3	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	94
4	.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	90
5	Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	59





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Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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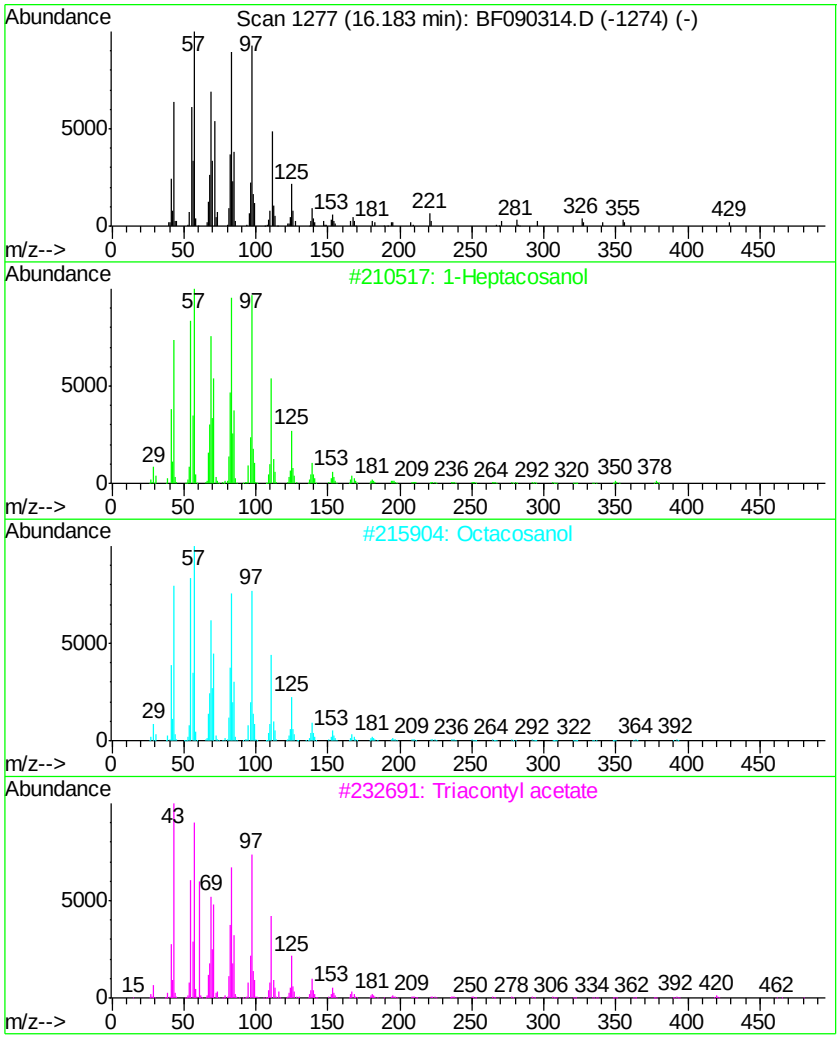
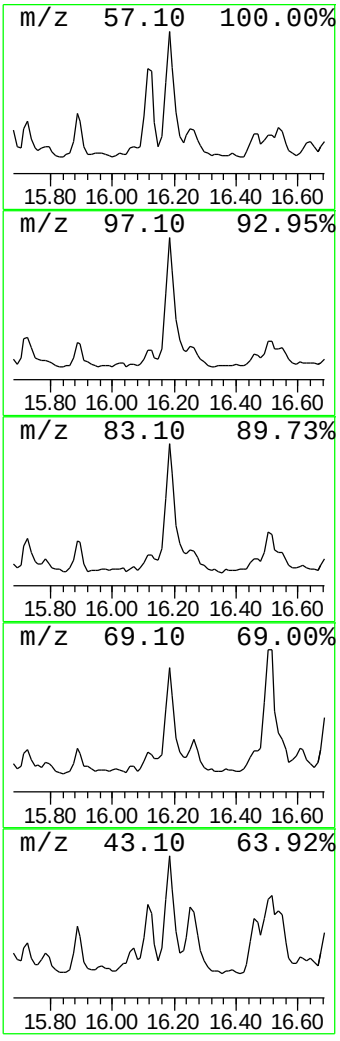
Peak Number 13 1-Heptacosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	12.02 ng	488408	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Octacosanol	410	C28H58O	000557-61-9	94
3	Triacontyl acetate	480	C32H64O2	041755-58-2	94
4	1-Triacontanol	438	C30H62O	000593-50-0	94
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94





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Acq On : 30 Sep 2016 15:19
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Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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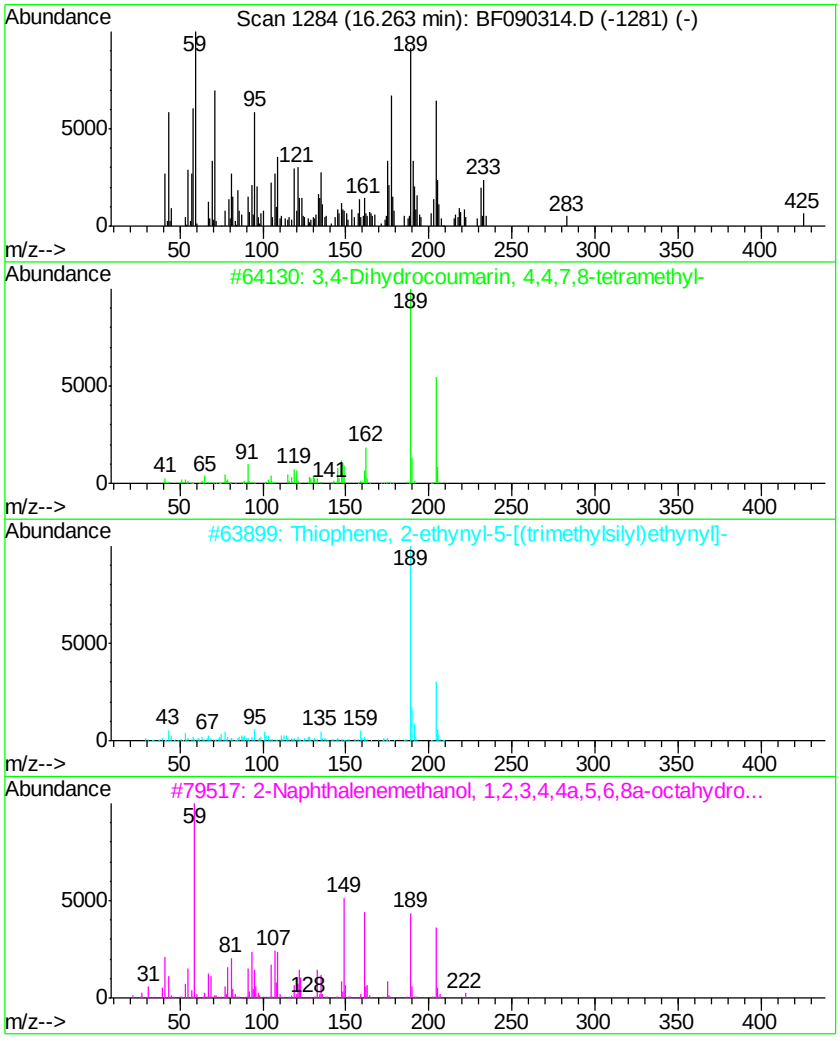
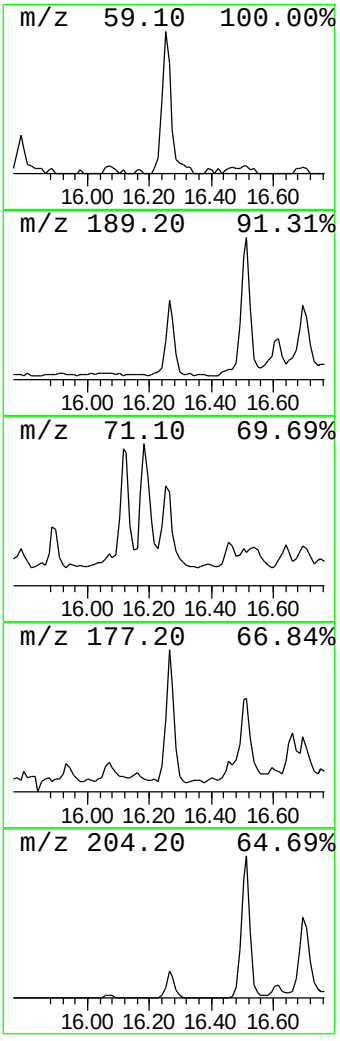
Peak Number 14 unknown16.26 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	10.55 ng	428695	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydrocoumarin, 4,4,7,8-tet...	204	C13H16O2	040614-36-6	38
2	Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	38
3	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	30
4	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	30
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	25





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Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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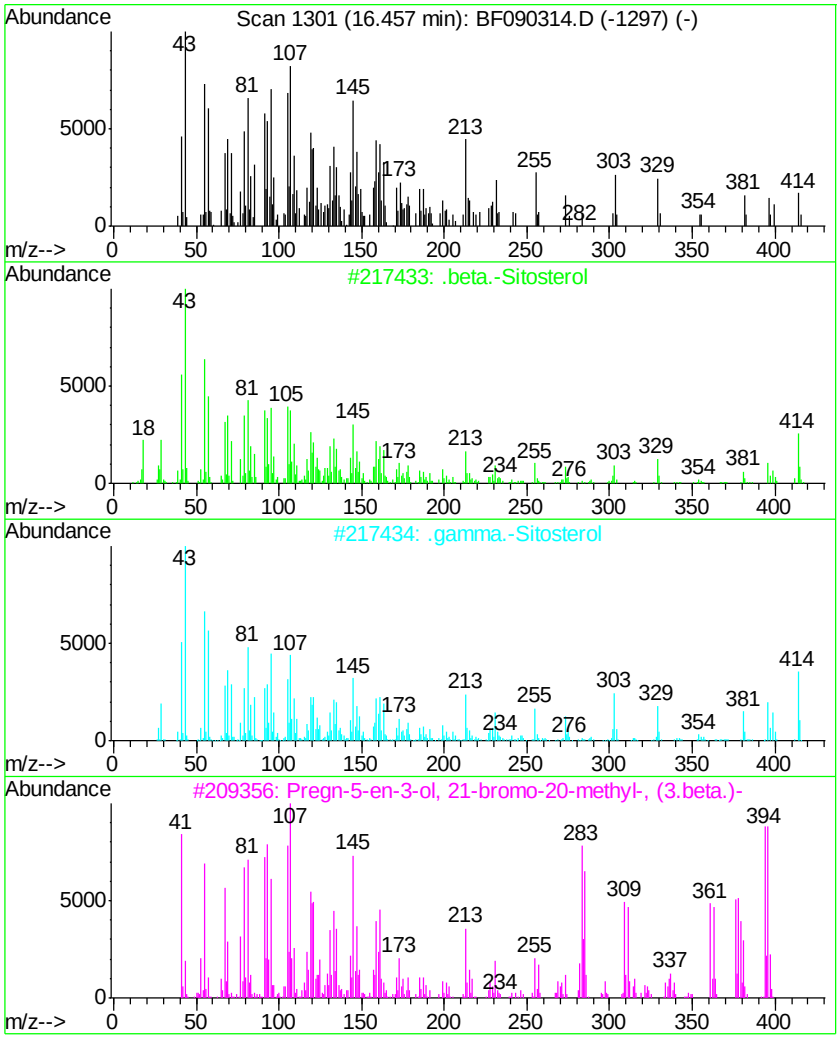
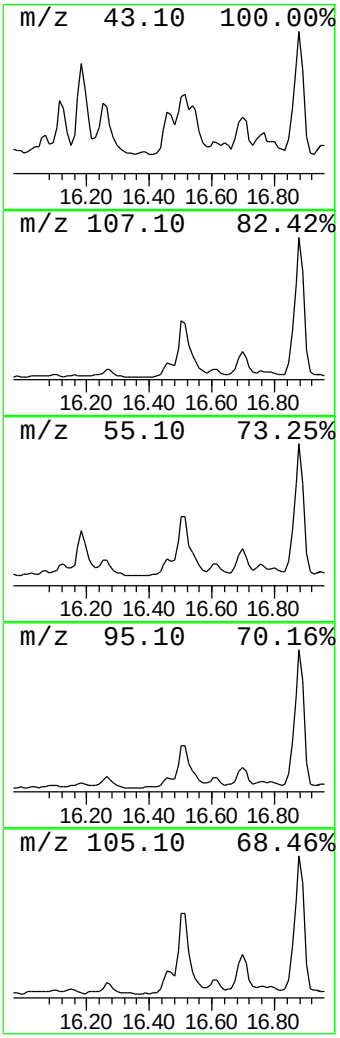
Peak Number 15 .beta.-Sitosterol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	9.65 ng	392133	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	90
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	58
4	1,4-Methanocyclocta[d]pyridazin...	204	C13H20N2	1000221-85-9	38
5	Silane, chlorodiisopropylethyl-	178	C8H19ClSi	1000305-87-7	25





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Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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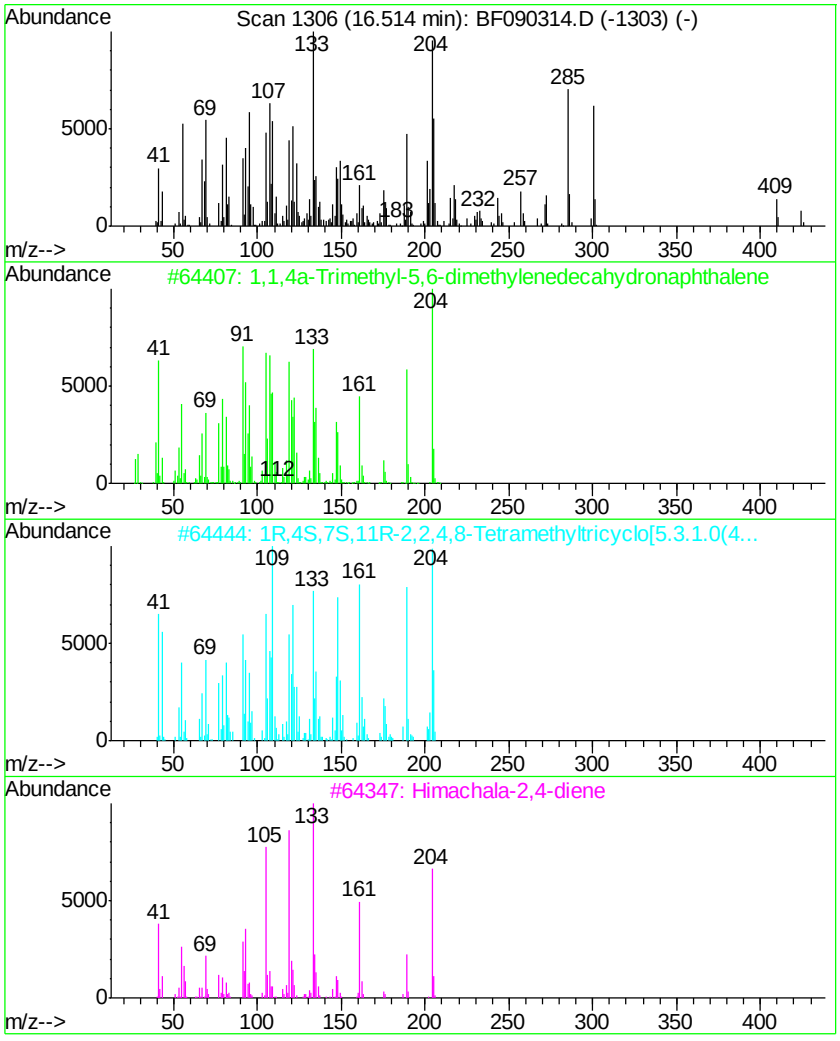
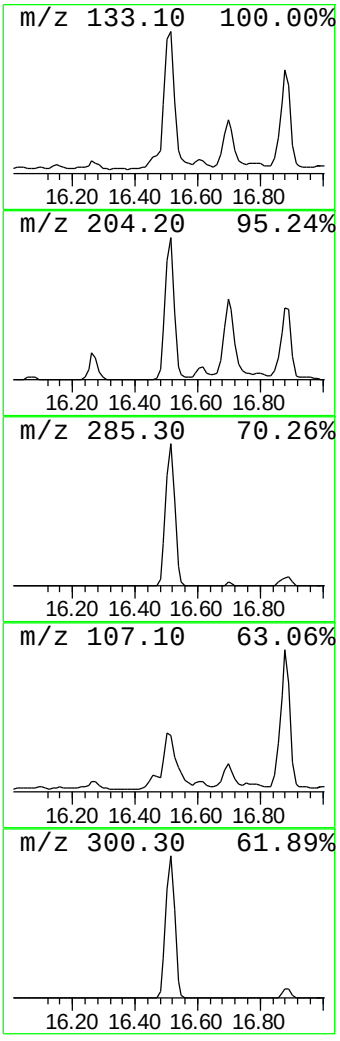
Peak Number 16 unknown16.51 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	41.84 ng	1699950	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
2	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	35
3	Himachala-2,4-diene	204	C15H24	060909-27-5	35
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	27
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	25





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Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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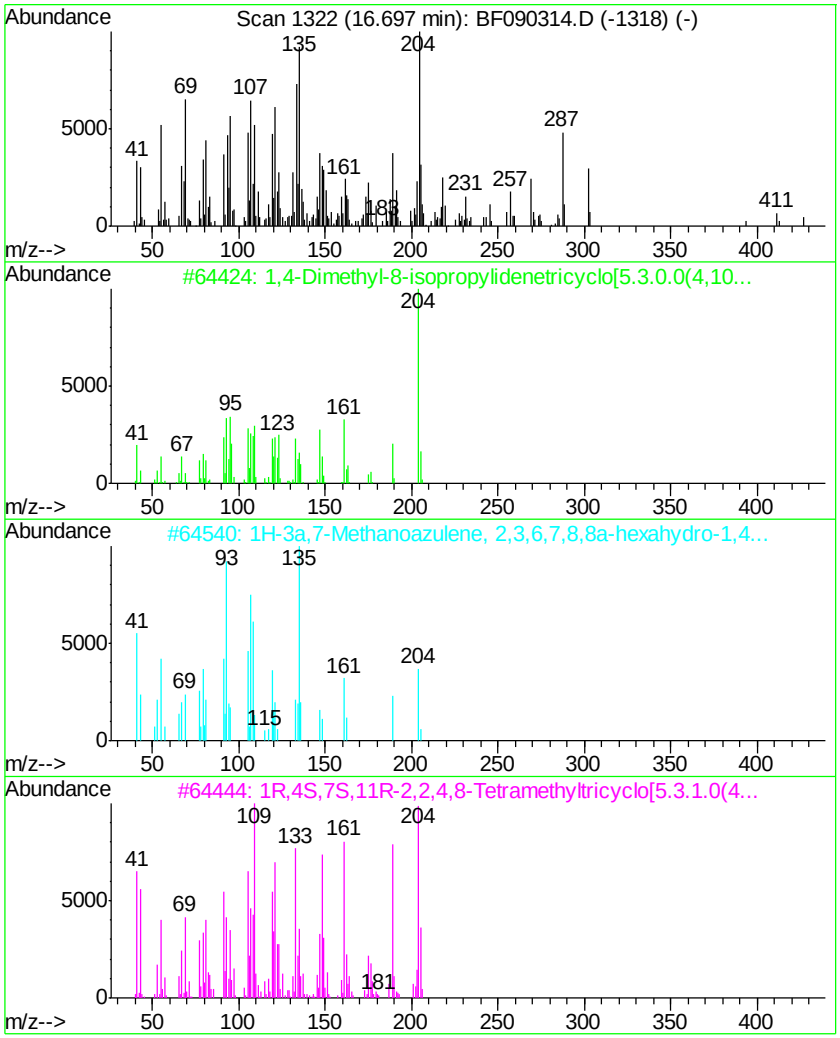
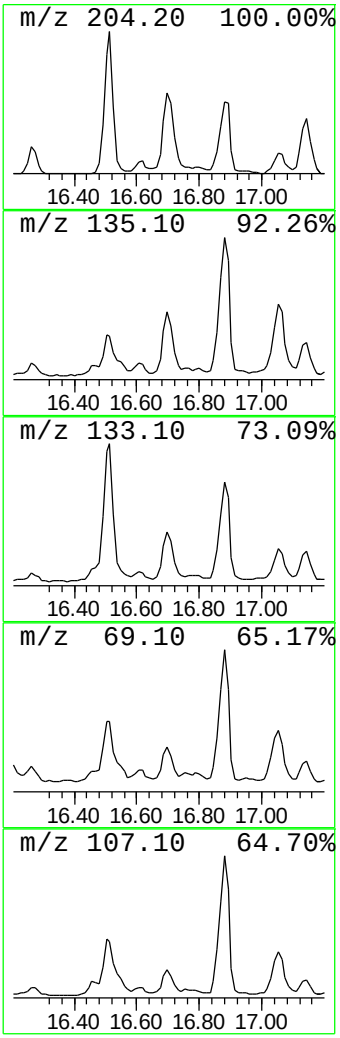
Peak Number 17 1,4-Dimethyl-8-isopropylide... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	18.50 ng	751851	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
2	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	46
3	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	45
4	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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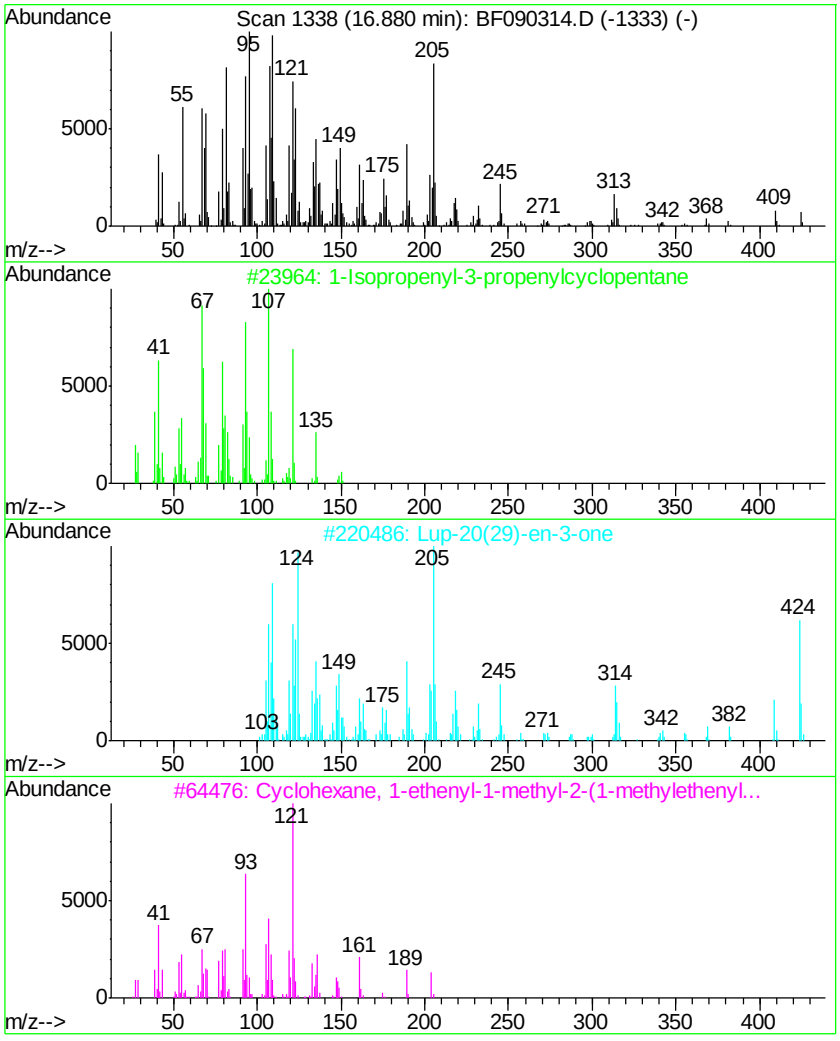
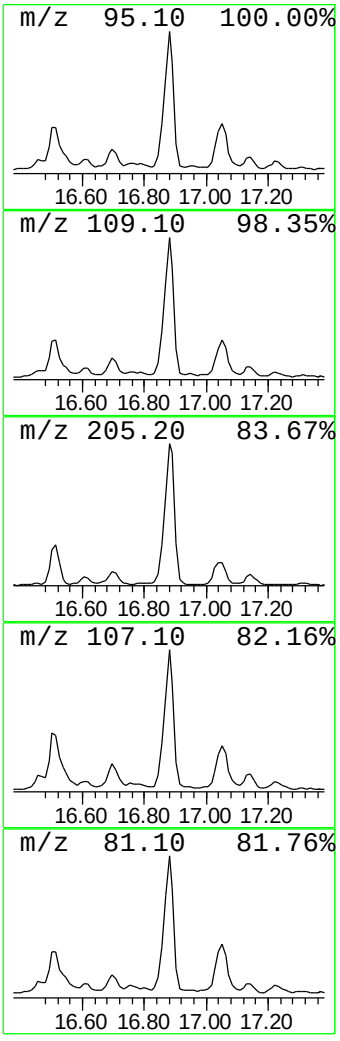
Peak Number 18 1-Isopropenyl-3-propenylcyc... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	74.54 ng	3028650	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	58
2	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	53
3	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46
4	Guaia-9,11-diene	204	C15H24	1000374-19-8	45
5	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	38





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Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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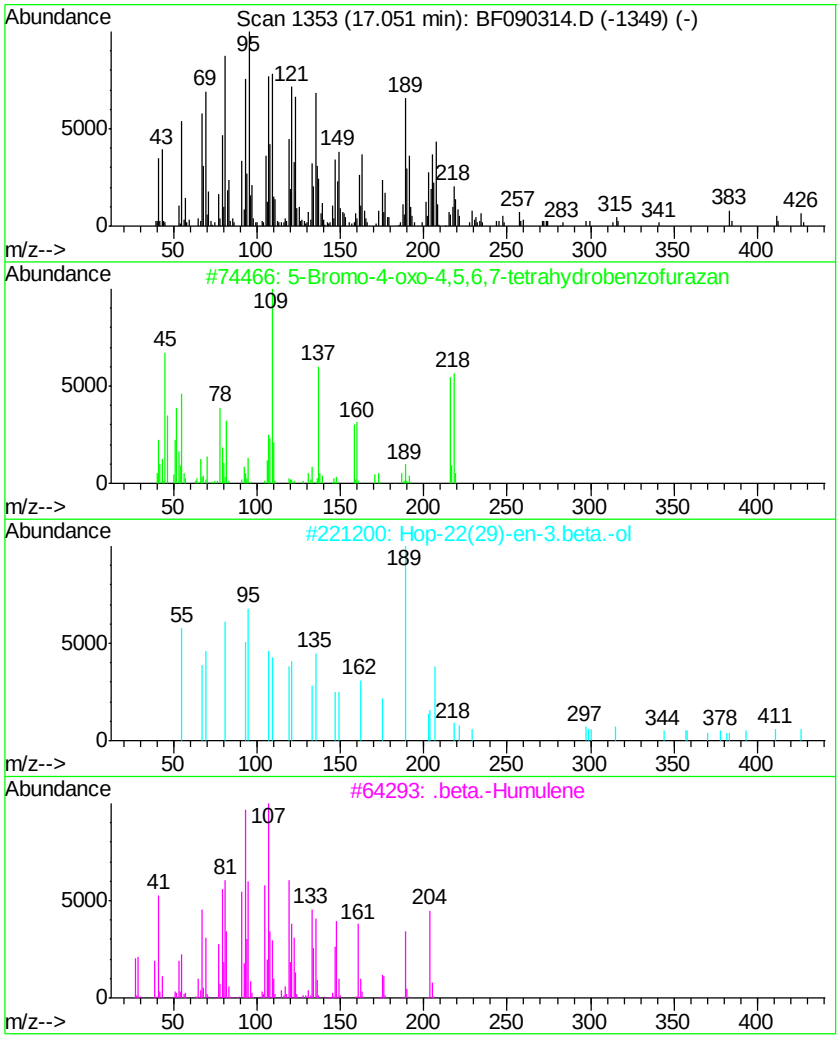
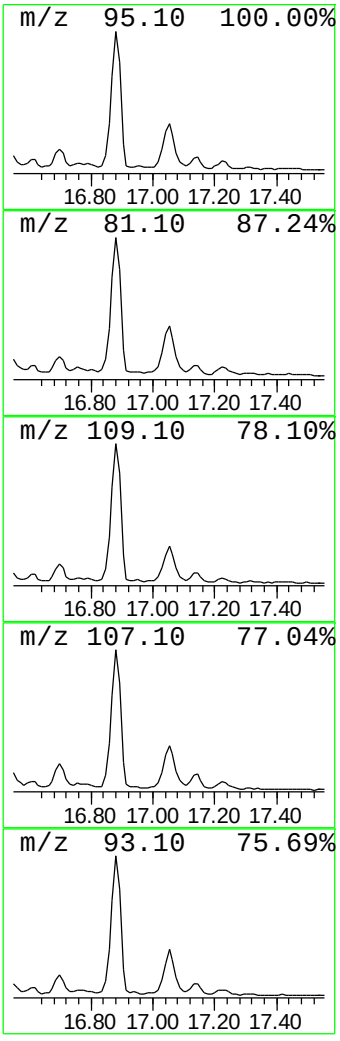
Peak Number 19 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	27.52 ng	1118270	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	86
2	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	86
3	.beta.-Humulene	204	C15H24	000116-04-1	74
4	Guaia-9,11-diene	204	C15H24	1000374-19-8	55
5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	38





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Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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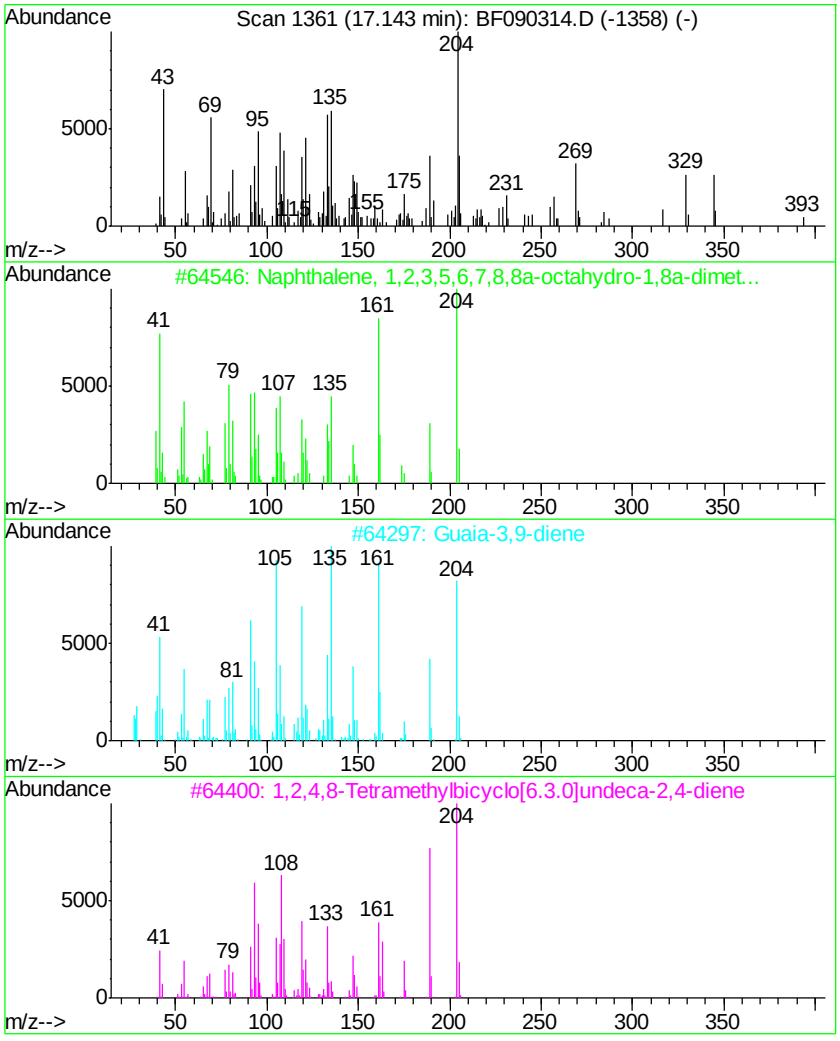
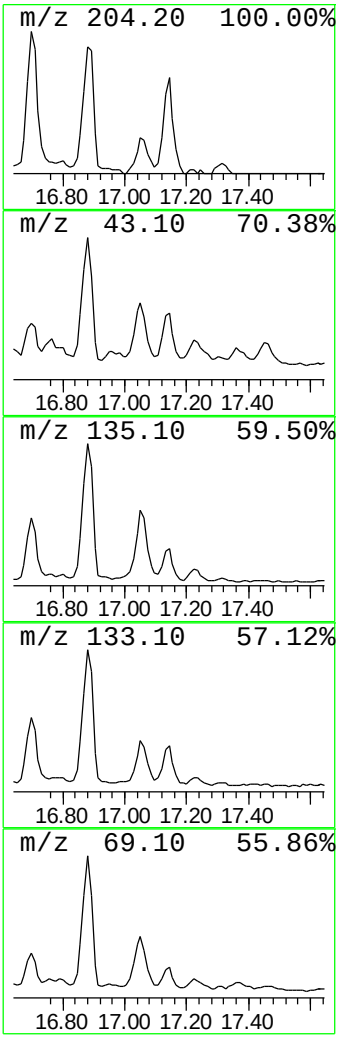
Peak Number 20 unknown17.14 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	8.68 ng	352581	Perylene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	49
2	Guaia-3,9-diene	204	C15H24	000489-83-8	43
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
4	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
5	[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090314.D
Acq On : 30 Sep 2016 15:19
Operator : UM/SJ
Sample : H4998-13
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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...	4.52	19.9	ng	672105	1	6.44	676275	20.0
unknown6.22	6.22	90.2	ng	3051390	1	6.44	676275	20.0
Heneicosane	12.07	9.2	ng	515642	4	10.95	1120230	20.0
Cyclohexadecane	13.45	52.9	ng	2362200	5	13.55	893988	20.0
1-Heneicosanol	14.08	54.2	ng	2420780	5	13.55	893988	20.0
Nonadecyl pentafl...	14.66	51.0	ng	2071040	6	14.88	812614	20.0
n-Tetracosanol-1	15.33	32.9	ng	1336070	6	14.88	812614	20.0
dl-.alpha.-Tocoph...	15.49	6.5	ng	266302	6	14.88	812614	20.0
1-Heptacosanol	16.18	12.0	ng	488408	6	14.88	812614	20.0
unknown16.26	16.26	10.6	ng	428695	6	14.88	812614	20.0
.beta.-Sitosterol	16.46	9.7	ng	392133	6	14.88	812614	20.0
unknown16.51	16.51	41.8	ng	1699950	6	14.88	812614	20.0
1,4-Dimethyl-8-is...	16.70	18.5	ng	751851	6	14.88	812614	20.0
1-Isopropenyl-3-p...	16.88	74.5	ng	3028650	6	14.88	812614	20.0
5-Bromo-4-oxo-4,5...	17.05	27.5	ng	1118270	6	14.88	812614	20.0
unknown17.14	17.14	8.7	ng	352581	6	14.88	812614	20.0