LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.644	3	5	22	rVB	174883	439867	14.30%	1.053%
2	4.547	256	259	268	rBV	353814	660237	21.47%	1.581%
3	5.027	298	301	304	rBV	2396314	2915537	94.80%	6.980%
4	5.210	313	317	324	rVB	14687	40853	1.33%	0.098%
5	6.124	394	397	400	rBV	2244220	3075554	100.00%	7.363%
6	6.227	404	406	409	rVB	2576299	2878774	93.60%	6.892%
7	6.456	424	426	429	rBV	595226	671129	21.82%	1.607%
8	6.616	437	440	443	rBV	2344206	2219630	72.17%	5.314%
9	7.039	474	477	479	rBV	1932770	2103011	68.38%	5.035%
10	7.187	487	490	494	rVB	82573	145110	4.72%	0.347%
11	7.530	517	520	526	rVB2	18479	43279	1.41%	0.104%
12	7.747	537	539	542	rBV	976707	870718	28.31%	2.084%
13	8.833	631	634	637	rBV	2830971	2664016	86.62%	6.378%
14	8.982	644	647	655	rVB	81973	110520	3.59%	0.265%
15	9.245	667	670	672	rBV	969334	1376880	44.77%	3.296%
16	9.462	682	689	690	rBV2	36312	53235	1.73%	0.127%
17	9.496	690	692	694	rBV	1119637	915009	29.75%	2.191%
18	9.931	727	730	731	rBV2	22706	31176	1.01%	0.075%
19	9.965	731	733	734	rVB	40561	55245	1.80%	0.132%
20	10.182	749	752	753	rBV	23958	41690	1.36%	0.100%
21	10.285	758	761	763	rBV	1600500	1591319	51.74%	3.810%
22	10.433	772	774	778	rBV	57217	105173	3.42%	0.252%
23	10.559	783	785	787	rBV	23036	31925	1.04%	0.076%
24	10.879	811	813	814	rBV	31002	43896	1.43%	0.105%
25	10.971	818	821	823	rBV	620699	705281	22.93%	1.688%
26	11.062	825	829	830	rVB3	33550	48284	1.57%	0.116%
27	11.222	841	843	847	rVV	44080	59601	1.94%	0.143%
28	11.302	847	850	852	rVB	26539	30801	1.00%	0.074%
29	11.531	868	870	876	rBV	53059	76177	2.48%	0.182%
30	12.034	912	914	915	rBV	90461	91837	2.99%	0.220%
31	12.091	915	919	921	rVB	402370	379140	12.33%	0.908%
32	12.457	949	951	954	rVB	84567	78306	2.55%	0.187%
33	12.548	957	959	962	rBV	1334870	1517002	49.32%	3.632%
34	12.788	978	980	981	rBV	70993	103253	3.36%	0.247%

LSC Area Percent Report

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Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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	12.811	981	982	986	rVB2	582375	654643	21.29%	1.567%
36	13.131	1007	1010	1011	rBV2	63028	107912	3.51%	0.258%
37	13.154	1011	1012	1014	rVV2	73072	62405	2.03%	0.149%
38	13.268	1018	1022	1024	rVB	117143	118543	3.85%	0.284%
39	13.325	1024	1027	1028	rBV	66685	100908	3.28%	0.242%
40	13.359	1028	1030	1032	rVB	50359	67514	2.20%	0.162%
41	13.417	1033	1035	1037	rBV2	35079	35898	1.17%	0.086%
42	13.474	1037	1040	1043	rBV	911078	1399332	45.50%	3.350%
43	13.531	1043	1045	1047	rVB2	26002	33846	1.10%	0.081%
44	13.577	1047	1049	1052	rBV	474970	653044	21.23%	1.563%
45	13.702	1058	1060	1062	rVB2	35724	34905	1.13%	0.084%
46	13.794	1065	1068	1071	rBV2	110550	159814	5.20%	0.383%
47	13.908	1075	1078	1082	rBV	107090	170488	5.54%	0.408%
48	14.034	1087	1089	1092	rBV	171278	161304	5.24%	0.386%
49	14.102	1092	1095	1098	rBV	1409639	1653683	53.77%	3.959%
50	14.308	1111	1113	1115	rBV	33462	37726	1.23%	0.090%
51	14.400	1118	1121	1124	rVV2	98268	173611	5.64%	0.416%
52	14.514	1129	1131	1134	rVB	208666	197008	6.41%	0.472%
53	14.685	1143	1146	1149	rBV2	719921	1390817	45.22%	3.330%
54	14.811	1155	1157	1160	rVB3	32339	46067	1.50%	0.110%
55	14.903	1163	1165	1169	rBV	339097	508567	16.54%	1.217%
56	14.971	1169	1171	1173	rBV	58325	92511	3.01%	0.221%
57	15.131	1183	1185	1188	rBV	129146	163006	5.30%	0.390%
58	15.223	1191	1193	1198	rVV2	64336	100739	3.28%	0.241%
59	15.325	1199	1202	1203	rVV	249143	412221	13.40%	0.987%
60	15.360	1203	1205	1208	rVV	513909	804312	26.15%	1.925%
61	15.417	1208	1210	1212	rVV	64859	114441	3.72%	0.274%
62	15.520	1216	1219	1222	rVB	139017	251850	8.19%	0.603%
63	15.577	1222	1224	1226	rBV2	31614	55721	1.81%	0.133%
64	15.931	1252	1255	1257	rBV	76177	126305	4.11%	0.302%
65	16.160	1273	1275	1278	rVV	39866	67507	2.19%	0.162%
66	16.228	1279	1281	1285	rVV	93284	197624	6.43%	0.473%
67	16.308	1285	1288	1296	rVB4	109049	314510	10.23%	0.753%
68	16.514	1303	1306	1307	rBV2	83649	163226	5.31%	0.391%
69	16.560	1307	1310	1316	rVV2	408561	1078342	35.06%	2.582%
70	16.663	1317	1319	1323	rVV	76200	164512	5.35%	0.394%
71	16.754	1323	1327	1330	rVV	183677	420070	13.66%	1.006%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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

72	16.811	1330	1332	1338	rVV3	47279	168162	5.47%	0.403%
73	16.937	1338	1343	1347	rVB	942939	1984154	64.51%	4.750%
74	17.108	1354	1358	1363	rVV2	251314	646004	21.00%	1.547%
75	17.200	1363	1366	1371	rVB	101119	226653	7.37%	0.543%
76	17.291	1371	1374	1380	rVB3	52893	139624	4.54%	0.334%
77	18.069	1440	1442	1450	rVB6	46583	138625	4.51%	0.332%

Sum of corrected areas: 41771619

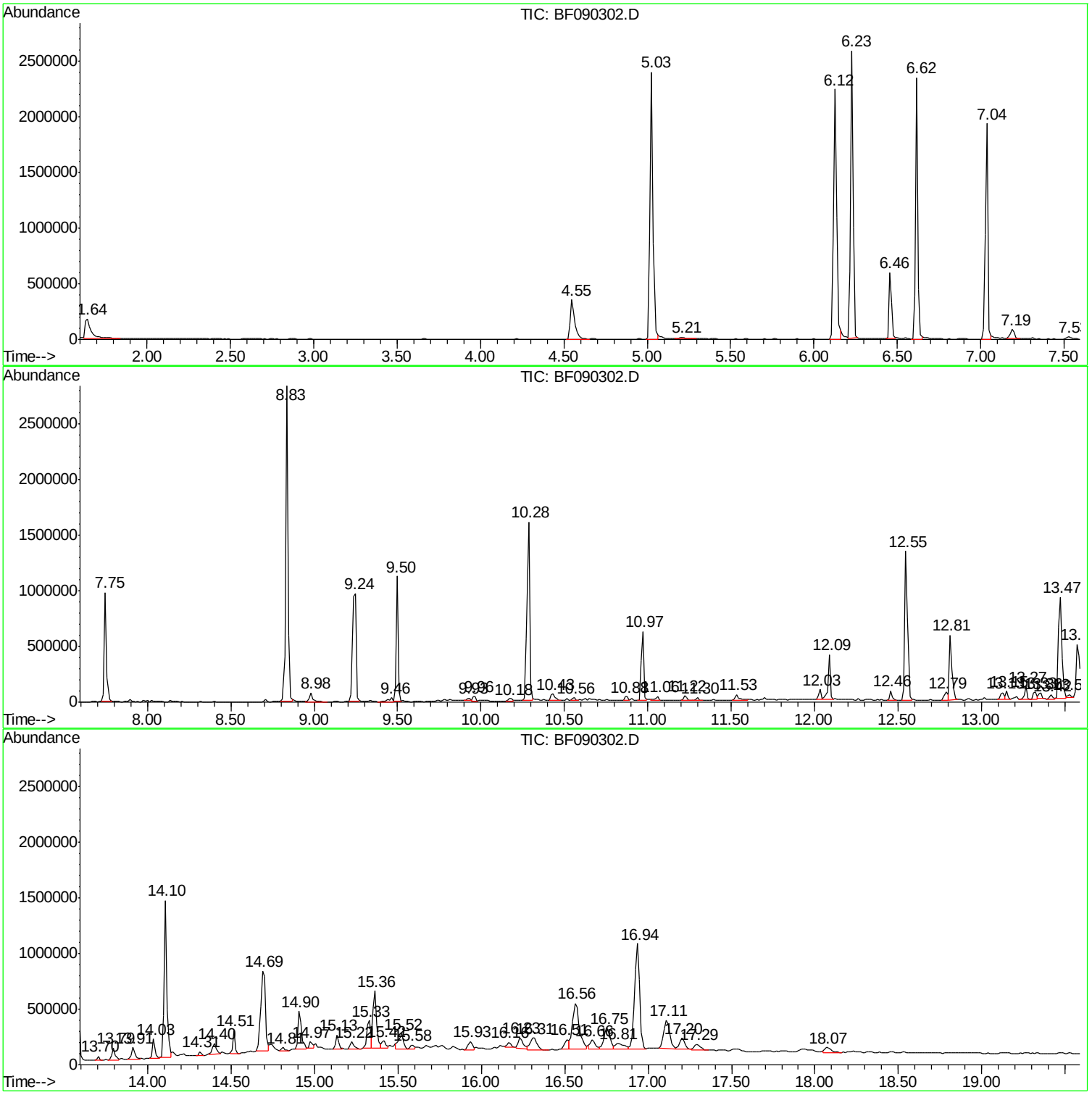
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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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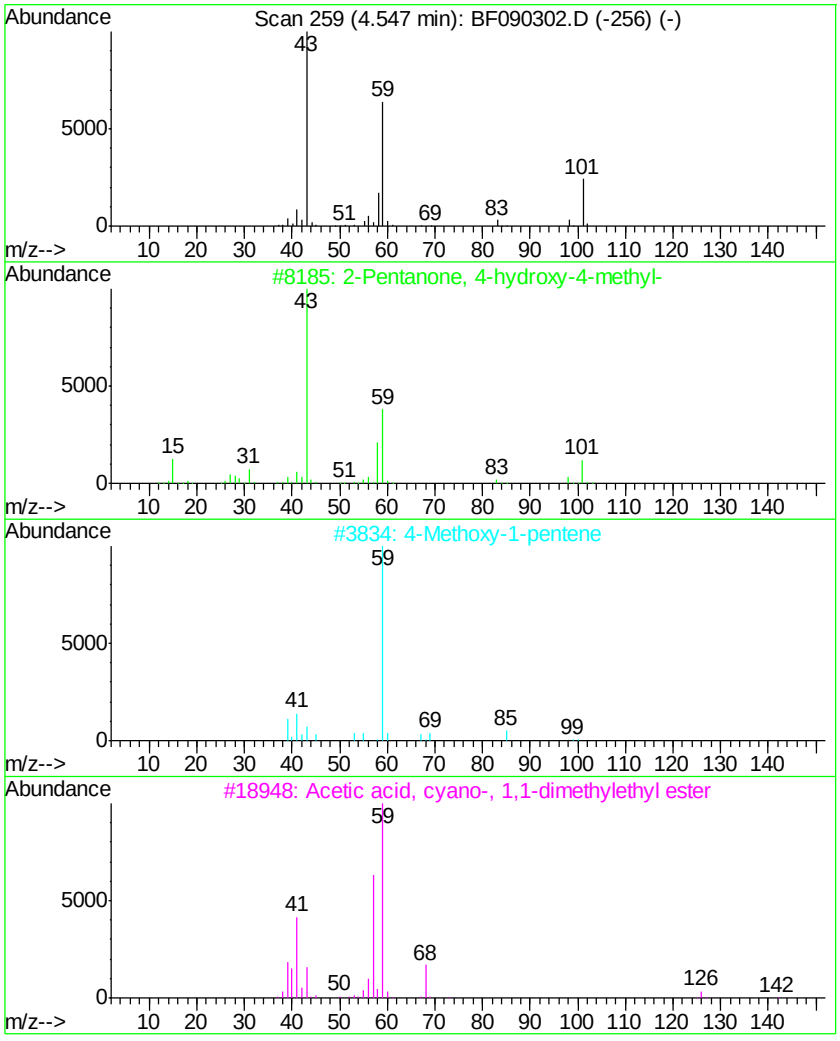
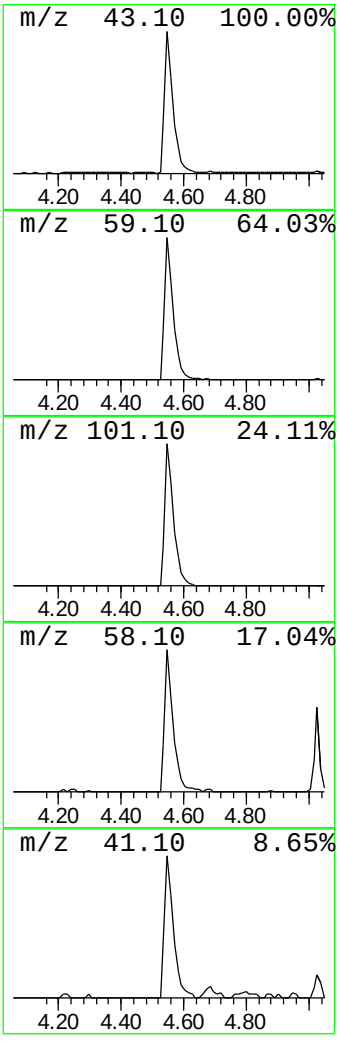
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	19.68 ng	660237	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Guanidine	59	CH5N3	000113-00-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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

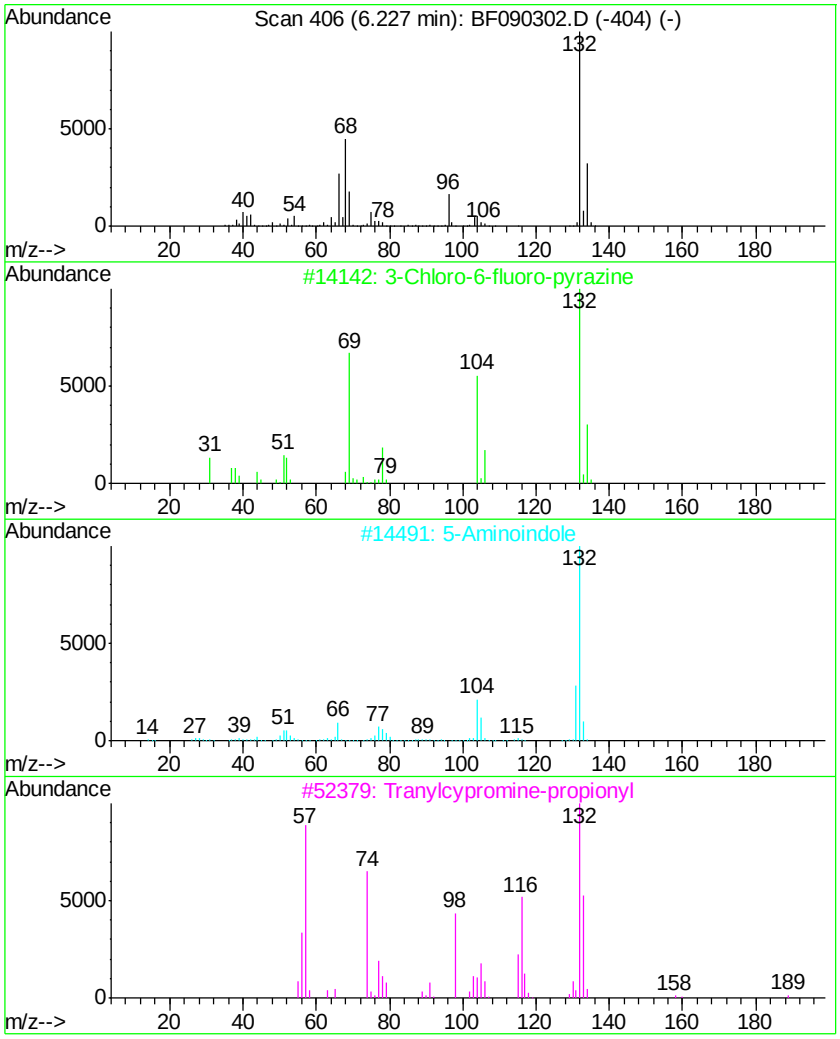
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

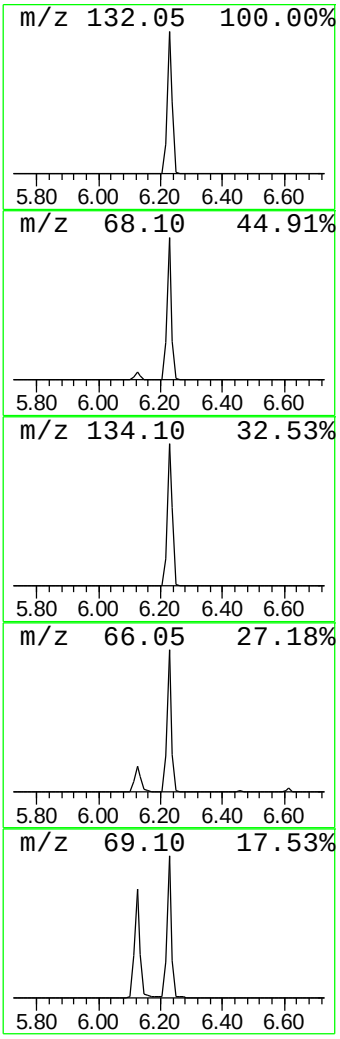
****

Peak Number 3 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	85.79 ng	2878770	1,4-Dichlorobenzene-d4	6.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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

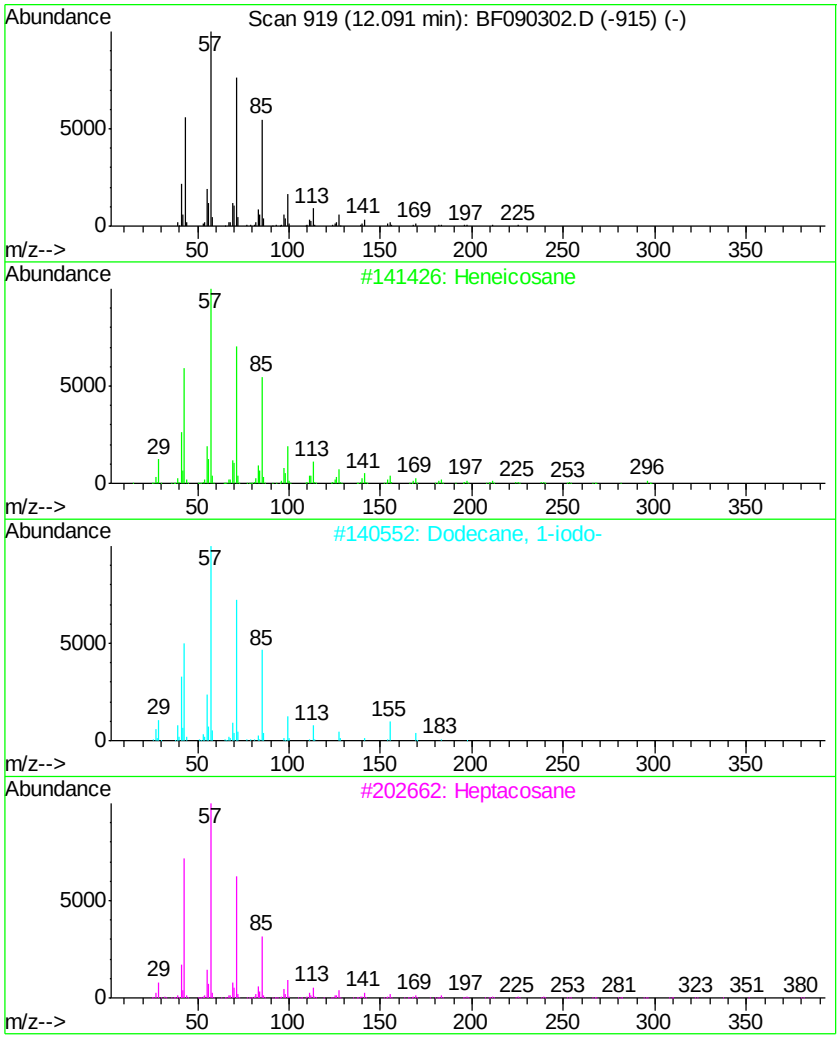
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

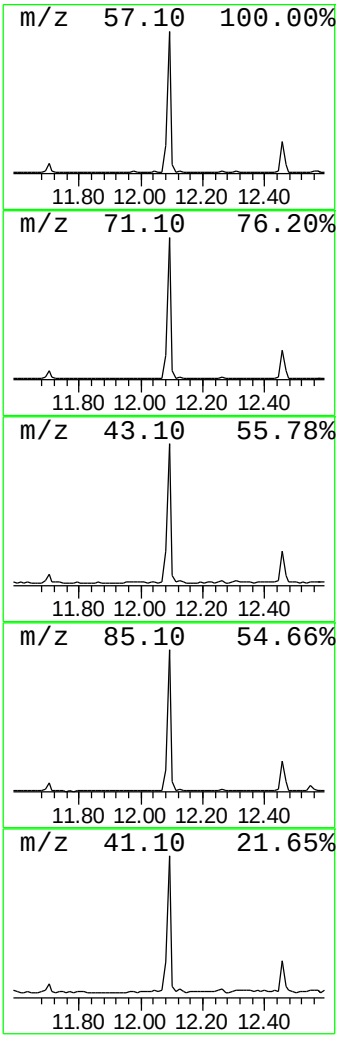
****

Peak Number 5 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	10.75 ng	379140	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
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Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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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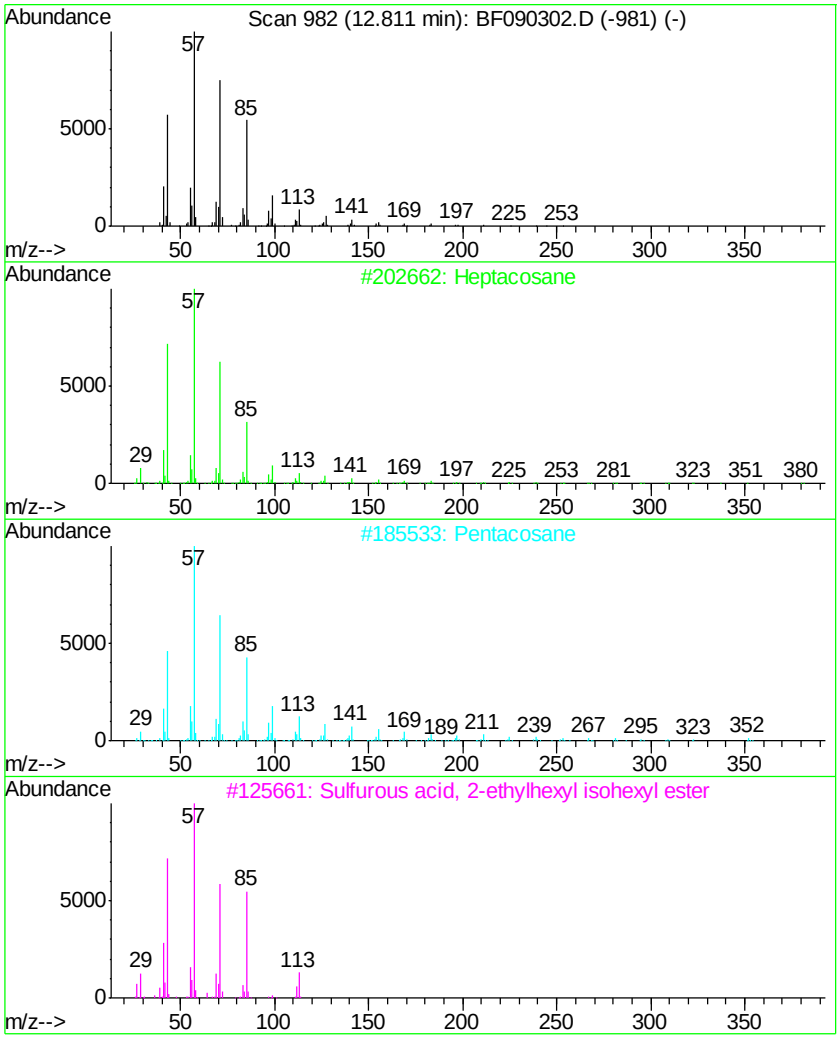
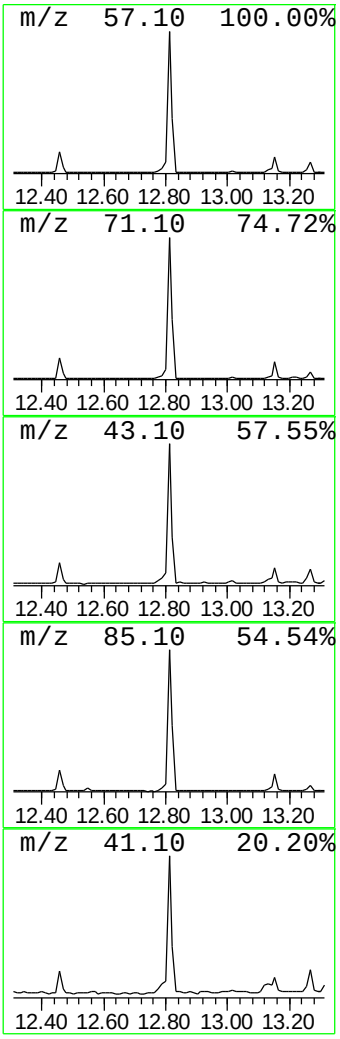
Peak Number 6 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	20.05 ng	654643	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Pentacosane	352	C25H52	000629-99-2	80
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Heneicosane	296	C21H44	000629-94-7	68
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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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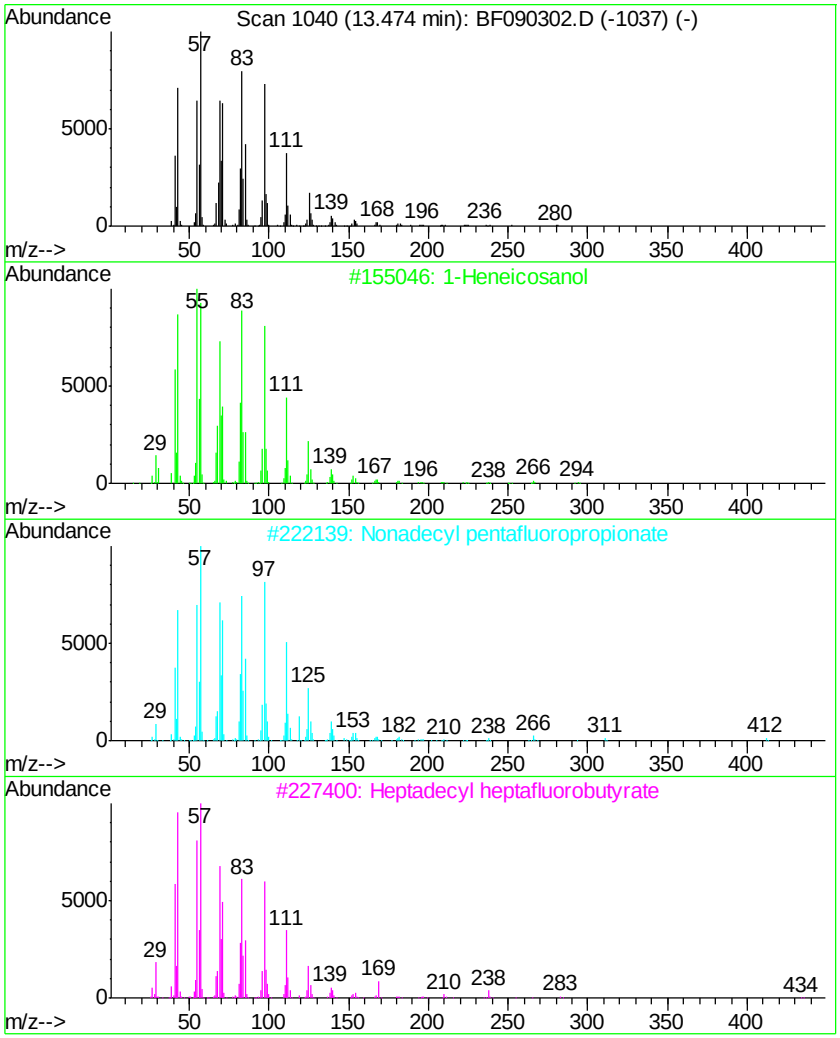
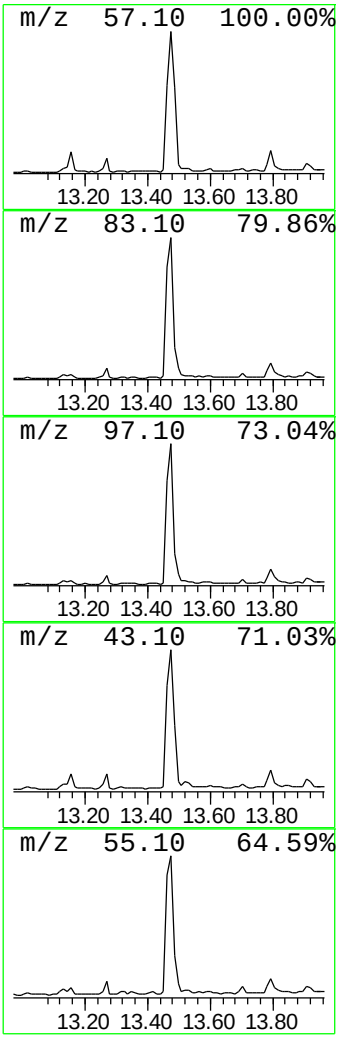
Peak Number 7 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	42.86 ng	1399330	Chrysene-d12	13.59

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	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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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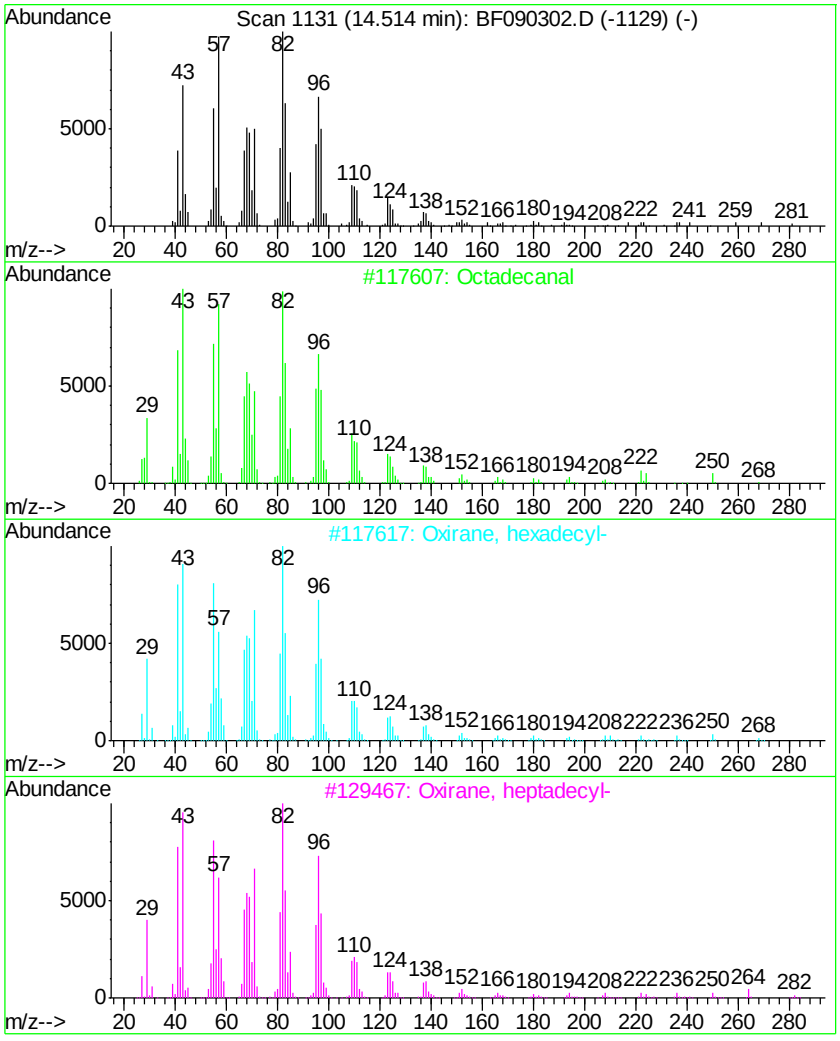
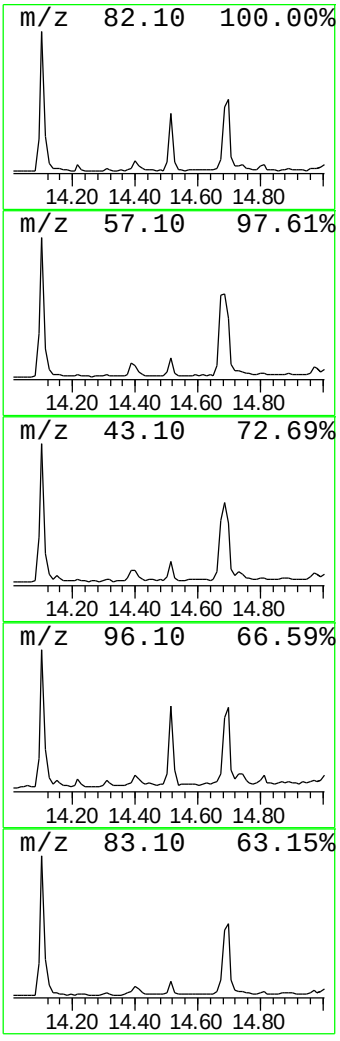
Peak Number 9 Octadecanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	7.75 ng	197008	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	17-Octadecenal	266	C18H34O	056554-86-0	91
5	Tetradecanal	212	C14H28O	000124-25-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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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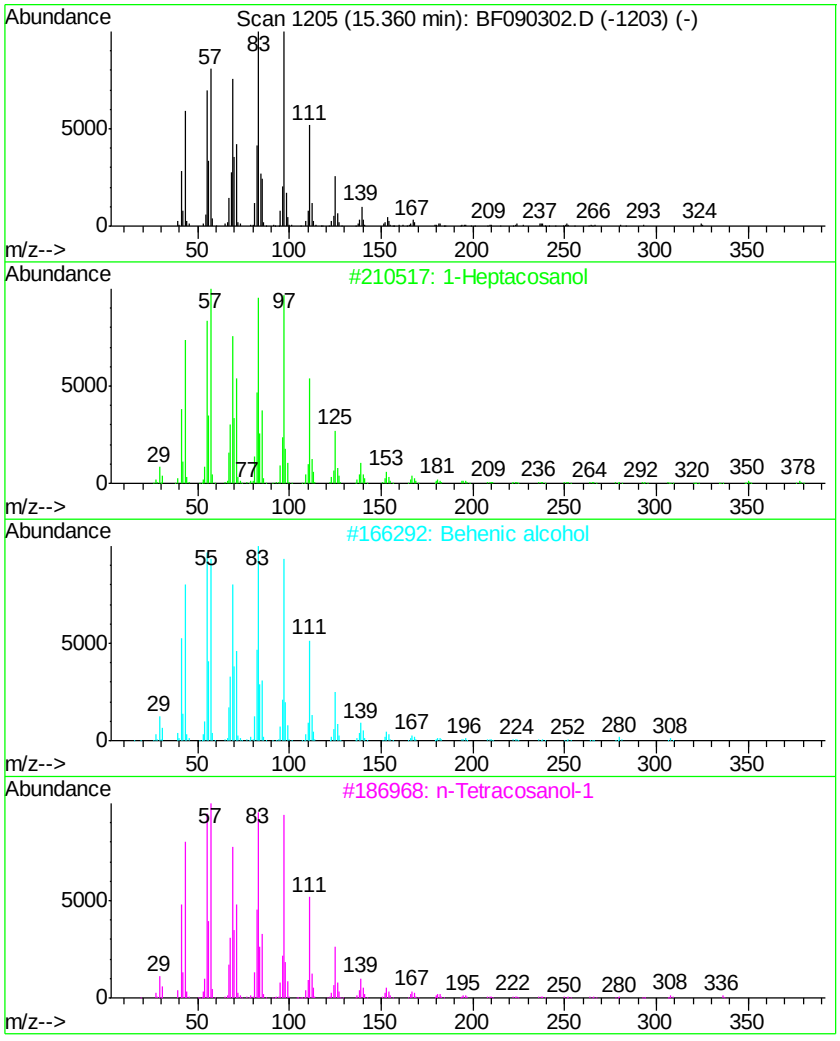
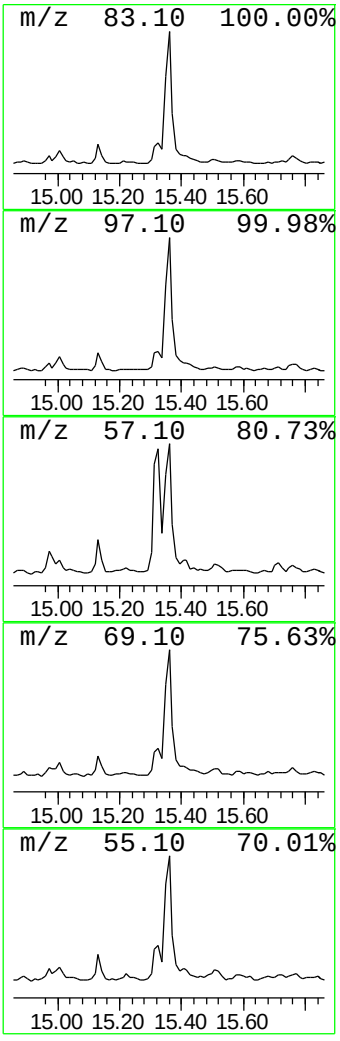
Peak Number 12 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	31.63 ng	804312	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	83





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Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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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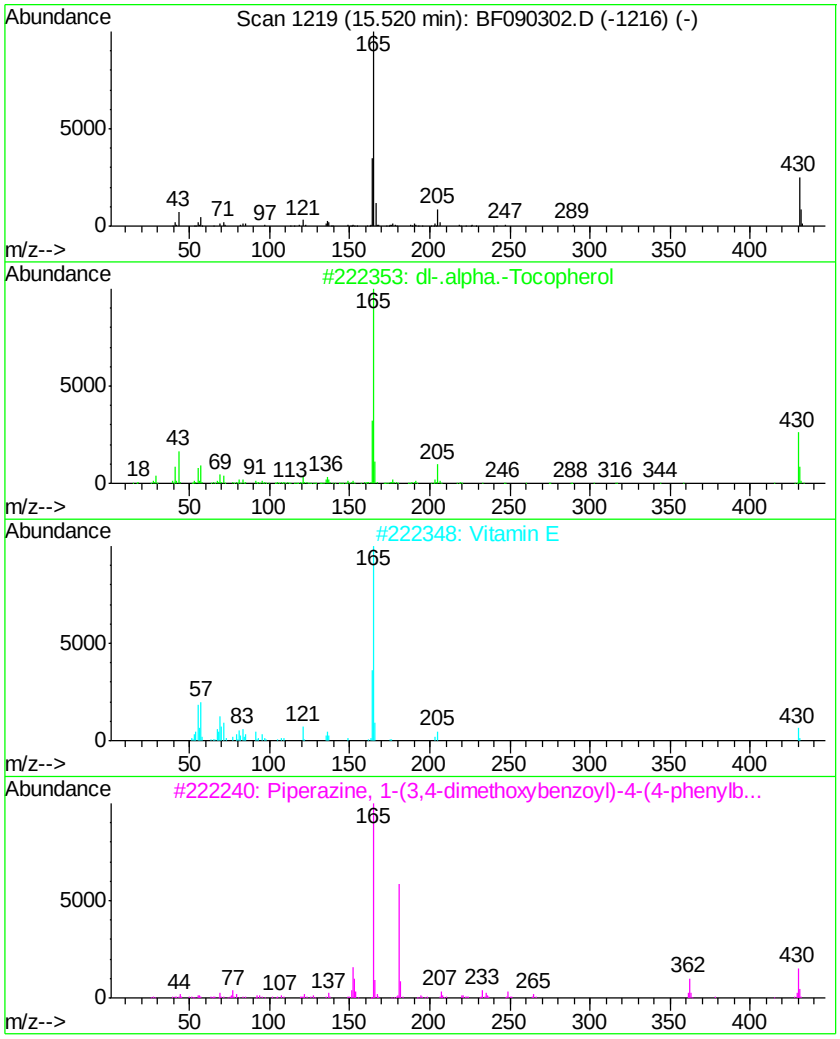
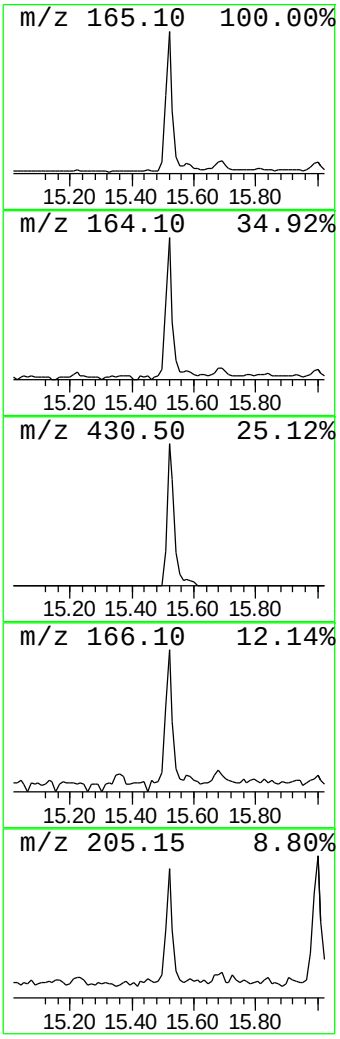
Peak Number 13 dl-.alpha.-Tocopherol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	9.90 ng	251850	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	91
2	Vitamin E	430	C29H50O2	000059-02-9	90
3	Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	59
4	4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	58
5	7-Methyl-8-oxo-1,2,3,4-tetrahydr...	165	C8H11N3O	026955-10-2	36





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Sample : H4998-13
Misc :
ALS Vial : 18 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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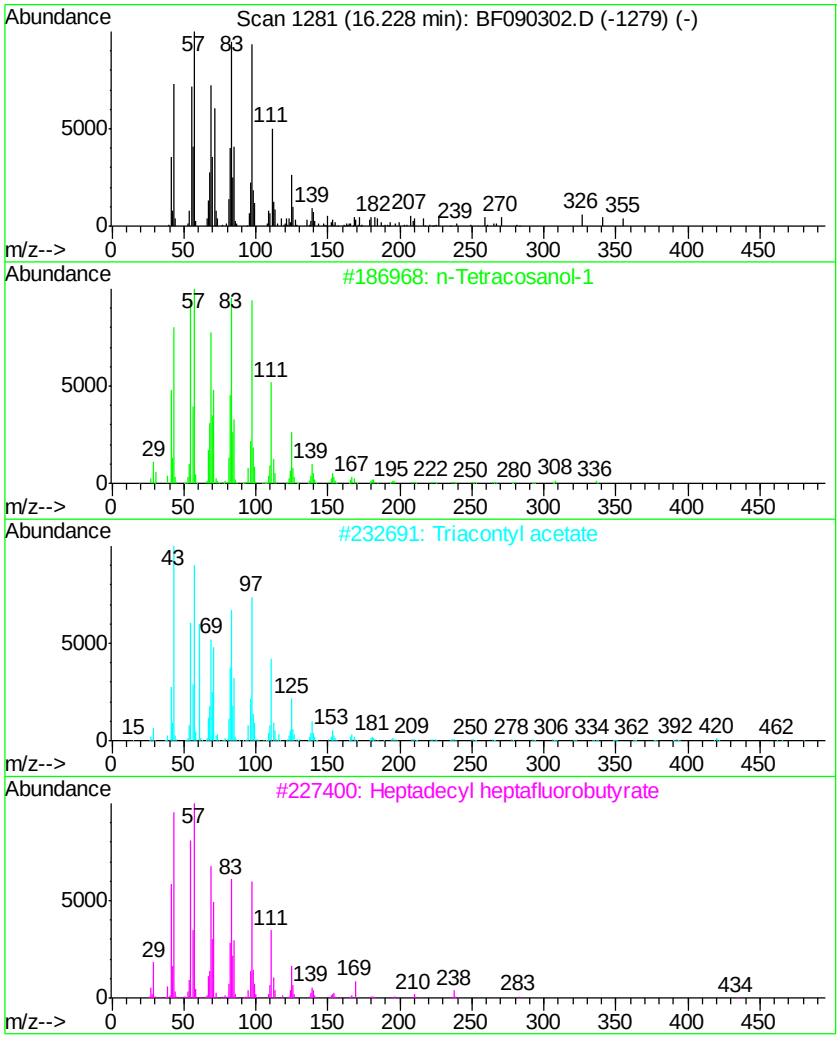
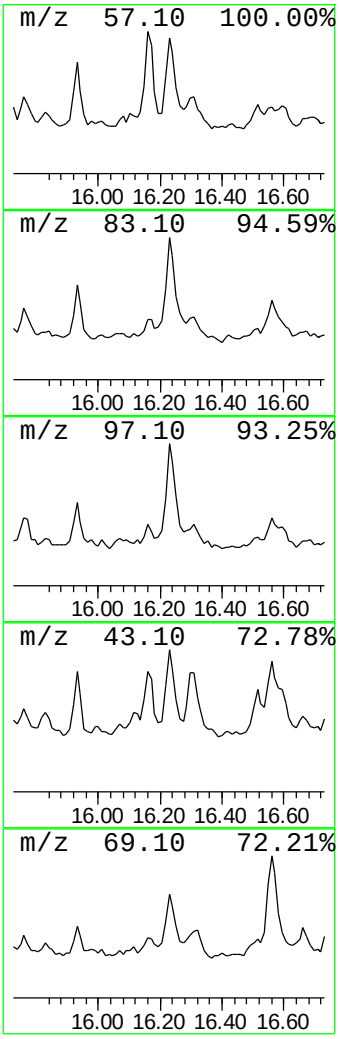
Peak Number 14 n-Tetracosanol-1 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	7.77 ng	197624	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Triacontyl acetate	480	C32H64O2	041755-58-2	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Octacosanol	410	C28H58O	000557-61-9	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





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Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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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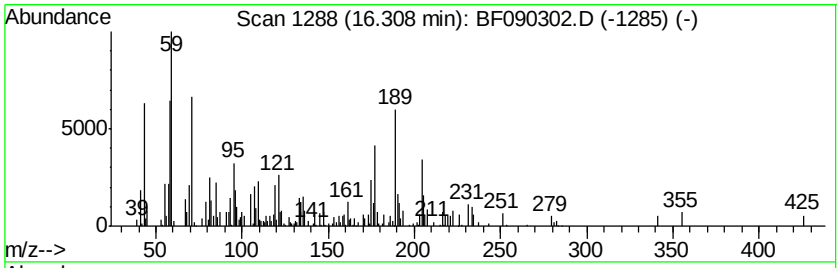
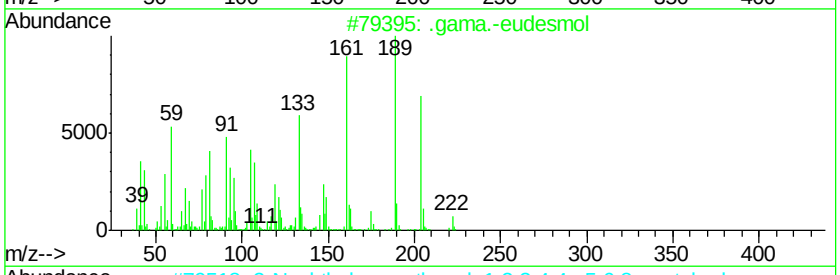
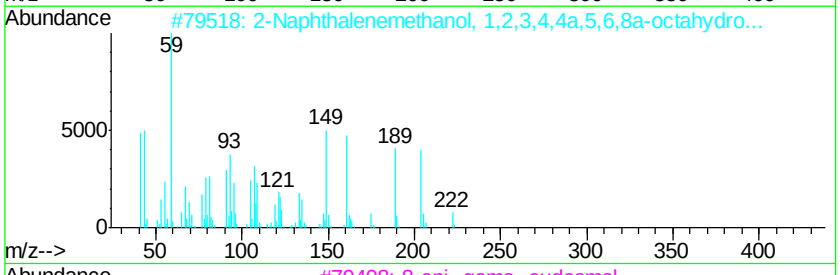
Peak Number 15 unknown16.31 Concentration Rank 15

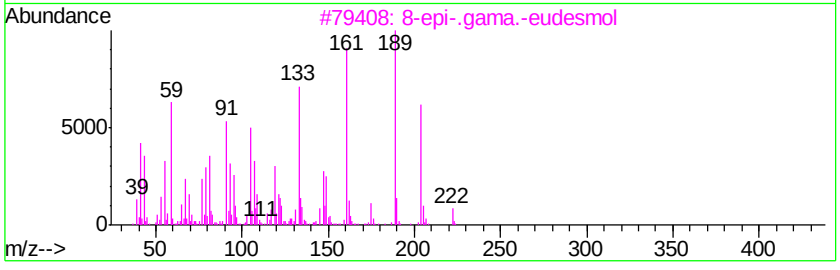
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	12.37 ng	314510	Perylene-d12	14.90

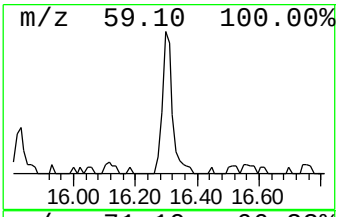
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gama.-eudesmol	222	C15H26O	1000374-18-5	38
2	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	38
3	8-epi-.gama.-eudesmol	222	C15H26O	1000374-18-4	35
4	1,3-Dithiane-4-carboxylic acid, ...	206	C7H10O3S2	025785-58-4	35
5	2-Methyl-5-(2,6,6-trimethyl-cycl...	240	C15H28O2	060714-01-4	22

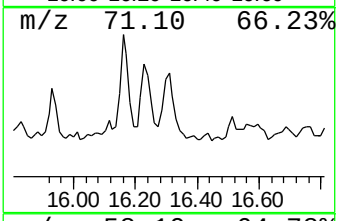


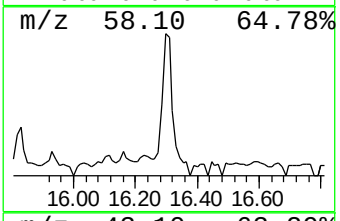


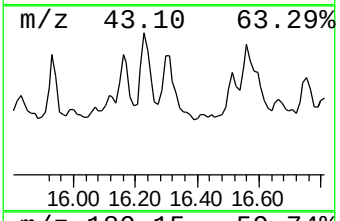


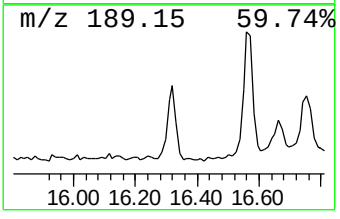












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Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

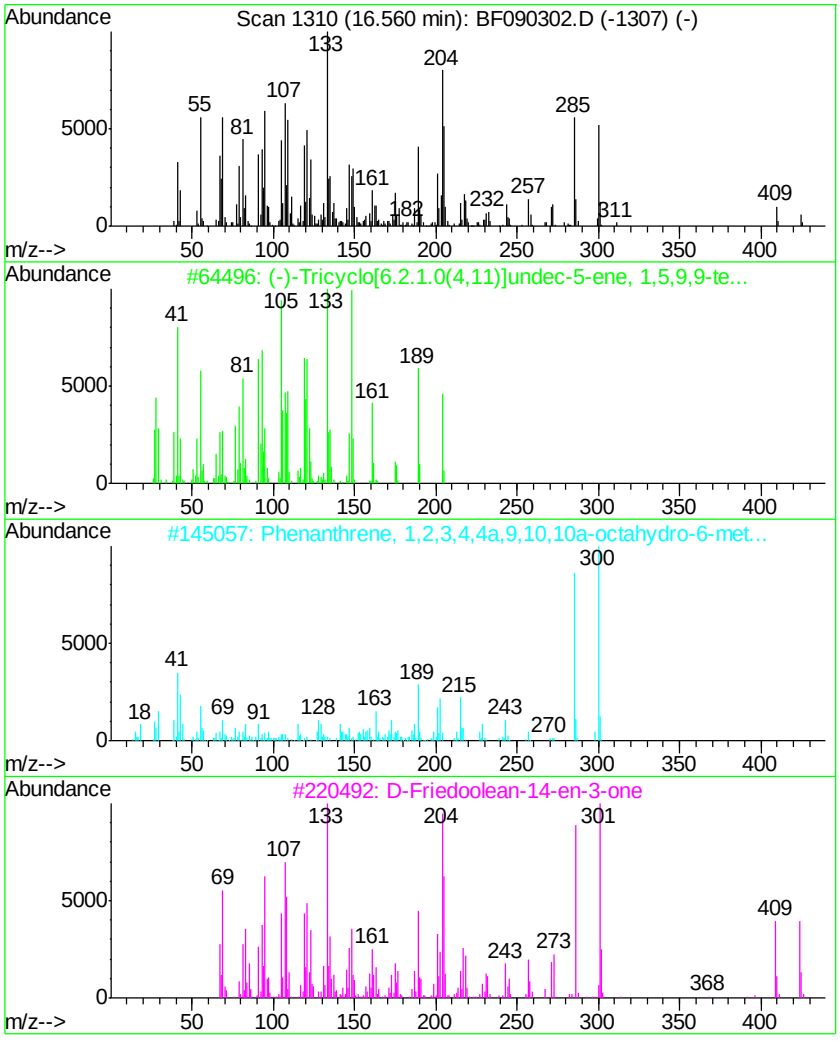
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

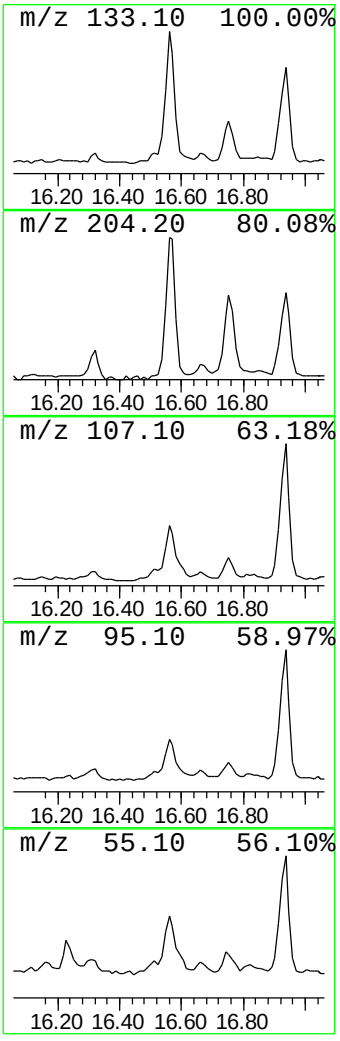
****

Peak Number 16 unknown16.56 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	42.41 ng	1078340	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	45
2	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	44
3	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	43
4	1,4-Methanoazulen-9-ol, decahydr...	222	C15H26O	000465-24-7	38
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	38





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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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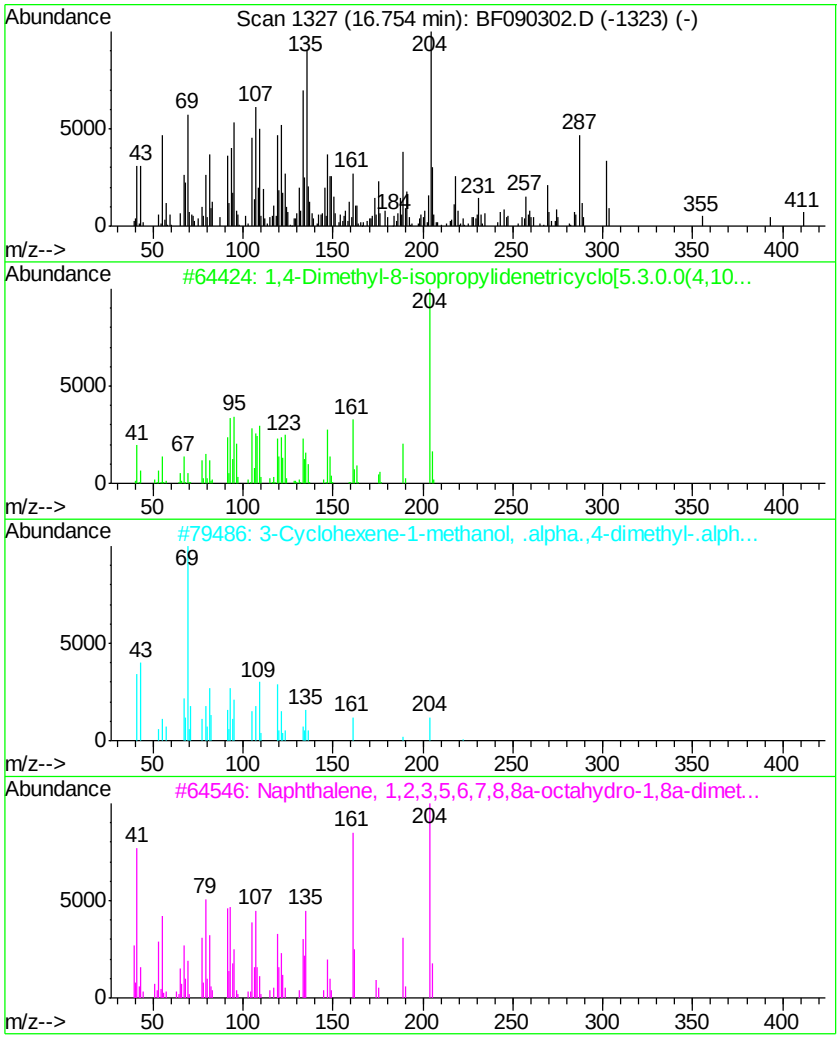
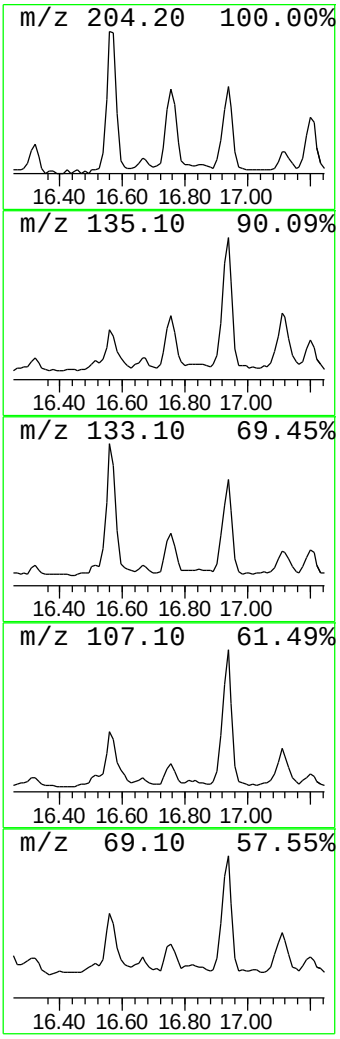
Peak Number 17 1,4-Dimethyl-8-isopropylide... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	16.52 ng	420070	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	62
2	3-Cyclohexene-1-methanol, .alpha...	222	C15H26O	023178-88-3	60
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	49
4	Guaia-3,9-diene	204	C15H24	000489-83-8	46
5	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	43





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Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 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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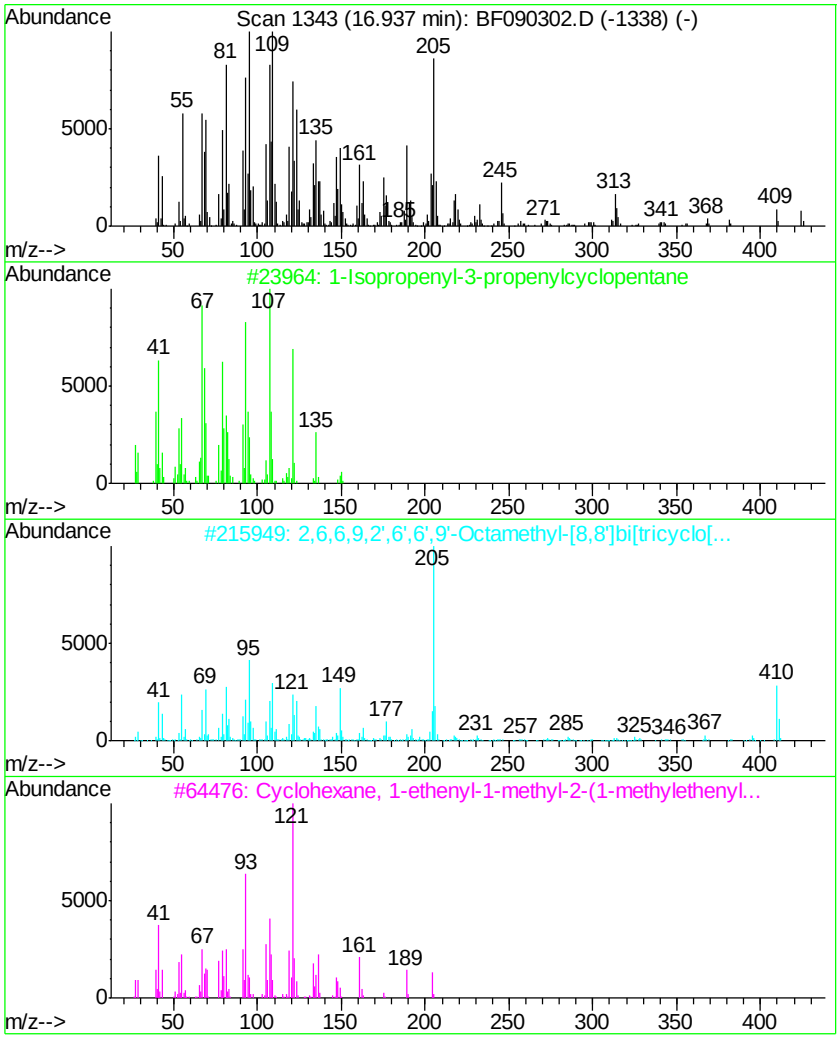
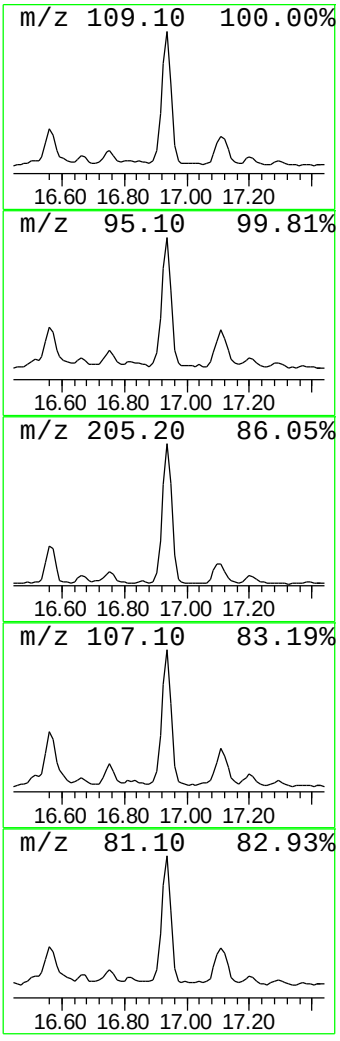
Peak Number 18 1-Isopropenyl-3-propenylcyc... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	78.03 ng	1984150	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenyl-3-propenylcyclopen...	150	C11H18	1000192-81-2	58
2	2,6,6,9,2',6',6',9'-Octamethyl-[...	410	C30H50	1000189-48-2	49
3	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	46
4	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	46
5	Guaia-9,11-diene	204	C15H24	1000374-19-8	45





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Sample : H4998-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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TIC Library : C:\DATABASE\NIST11.L
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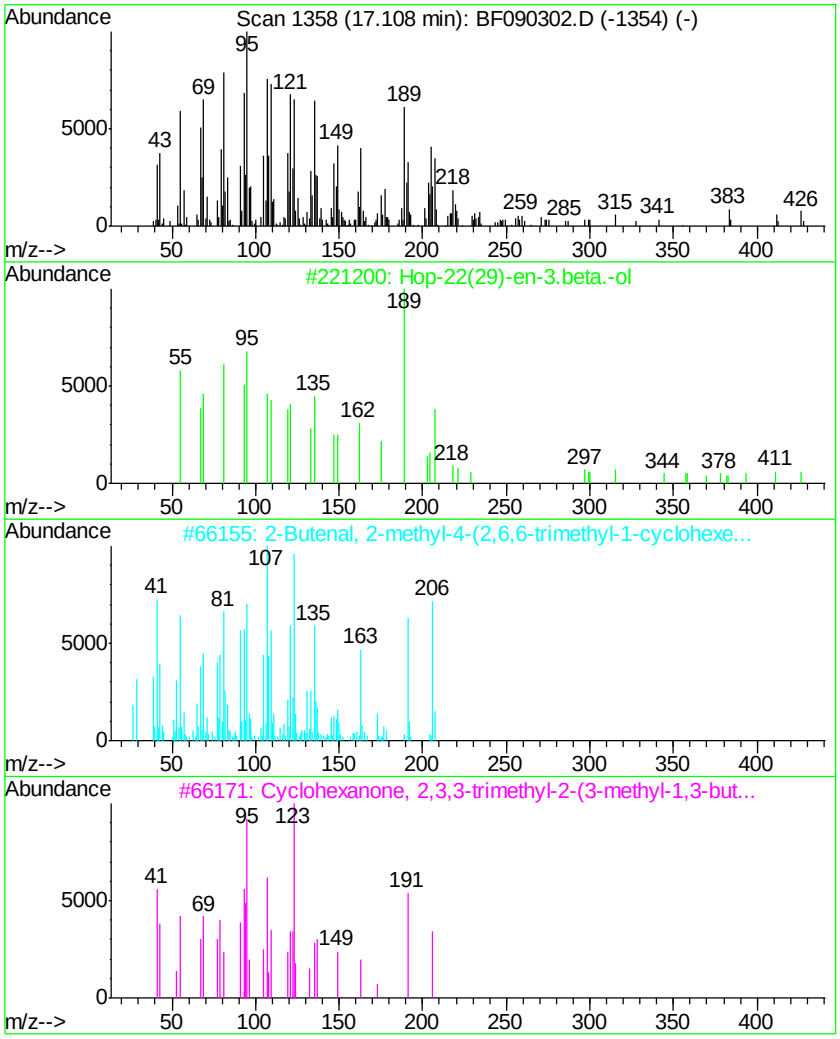
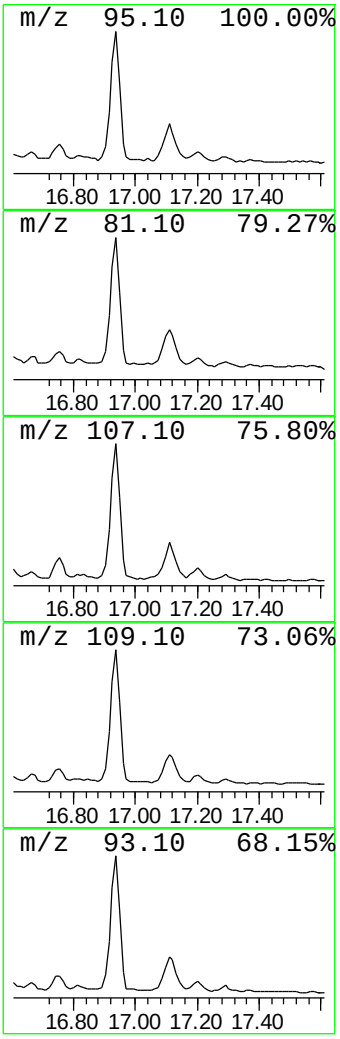
Peak Number 19 Hop-22(29)-en-3.beta.-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	25.40 ng	646004	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	60
2	2-Butenal, 2-methyl-4-(2,6,6-tri...	206	C14H22O	003155-71-3	55
3	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	50
4	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	50
5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	49





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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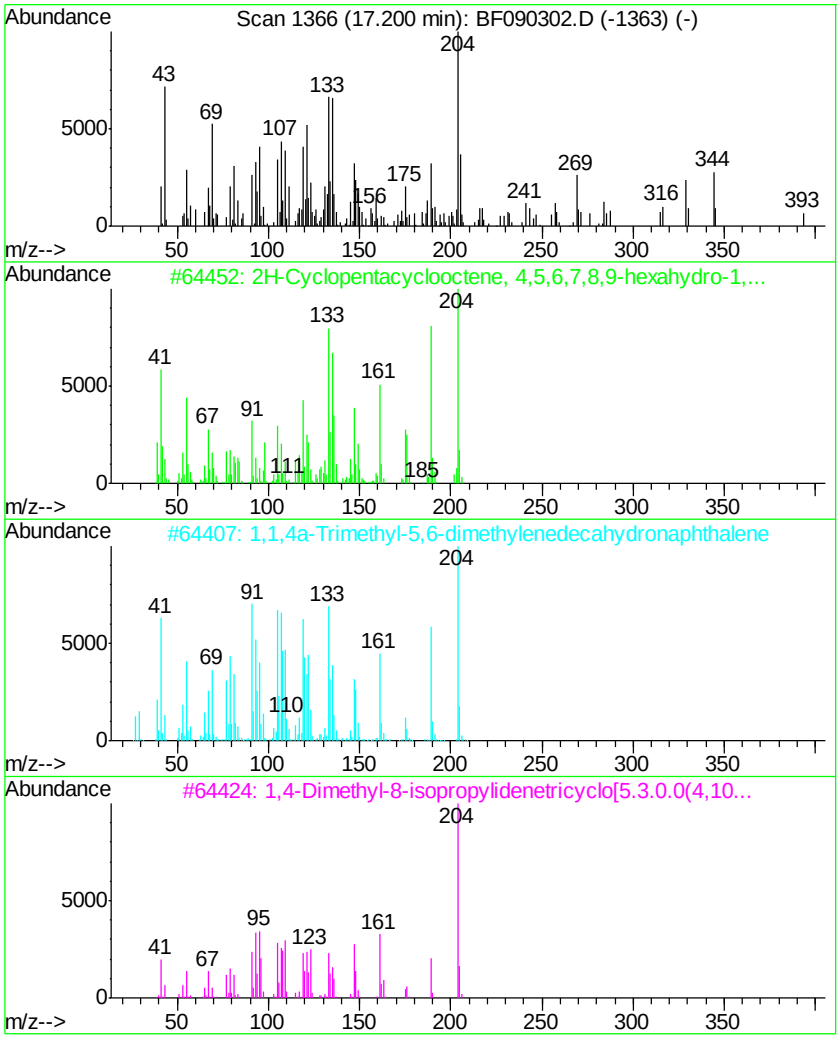
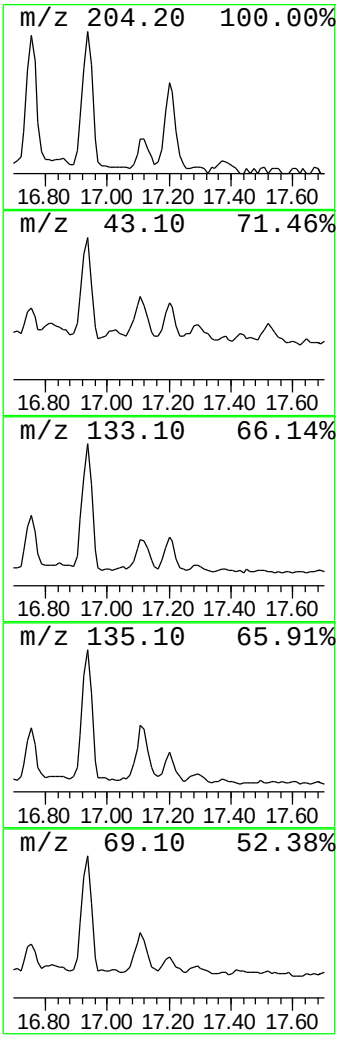
Peak Number 20 2H-Cyclopentacyclooctene, 4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	8.91 ng	226653	Perylene-d12	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	70
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	53
3	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	47
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	43
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	38





Tentatively Identified Compound (LSC) summary

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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...	4.55	19.7	ng	660237	1	6.46	671129	20.0
unknown6.23	6.23	85.8	ng	2878770	1	6.46	671129	20.0
Heneicosane	12.09	10.8	ng	379140	4	10.97	705281	20.0
Heptacosane	12.81	20.1	ng	654643	5	13.59	653044	20.0
1-Heneicosanol	13.47	42.9	ng	1399330	5	13.59	653044	20.0
Octadecanal	14.51	7.8	ng	197008	6	14.90	508567	20.0
1-Heptacosanol	15.36	31.6	ng	804312	6	14.90	508567	20.0
dl-.alpha.-Tocoph...	15.52	9.9	ng	251850	6	14.90	508567	20.0
n-Tetracosanol-1	16.23	7.8	ng	197624	6	14.90	508567	20.0
unknown16.31	16.31	12.4	ng	314510	6	14.90	508567	20.0
unknown16.56	16.56	42.4	ng	1078340	6	14.90	508567	20.0
1,4-Dimethyl-8-is...	16.75	16.5	ng	420070	6	14.90	508567	20.0
1-Isopropenyl-3-p...	16.94	78.0	ng	1984150	6	14.90	508567	20.0
Hop-22(29)-en-3.b...	17.11	25.4	ng	646004	6	14.90	508567	20.0
2H-Cyclopentacycl...	17.20	8.9	ng	226653	6	14.90	508567	20.0