LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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	1.655	4	6	62	rVB	3764193	11380502	100.00%	16.292%
2	4.581	259	262	272	rBV	394156	656464	5.77%	0.940%
3	5.061	301	304	306	rBV	2530102	3011606	26.46%	4.311%
4	6.159	396	400	402	rBV	2136347	3310661	29.09%	4.739%
5	6.262	406	409	411	rVV	2973133	3191370	28.04%	4.569%
6	6.490	427	429	431	rBV	812657	733384	6.44%	1.050%
7	6.650	441	443	445	rVB	2293416	2497464	21.95%	3.575%
8	6.913	463	466	468	rBV	119892	157310	1.38%	0.225%
9	7.062	476	479	482	rBV	1762710	1907106	16.76%	2.730%
10	7.770	539	541	544	rBV	637839	900214	7.91%	1.289%
11	8.410	594	597	599	rVV	312735	403436	3.54%	0.578%
12	8.513	602	606	609	rBV	125664	160646	1.41%	0.230%
13	8.856	634	636	638	rBV	3184980	2851202	25.05%	4.082%
14	8.925	638	642	644	rVV	91233	142723	1.25%	0.204%
15	9.256	669	671	673	rBV	1106236	892999	7.85%	1.278%
16	9.405	678	684	685	rVV3	69599	116402	1.02%	0.167%
17	9.439	685	687	692	rVV5	77937	199620	1.75%	0.286%
18	9.519	692	694	696	rVV	1172225	1136544	9.99%	1.627%
19	9.553	696	697	702	rVB	110414	135704	1.19%	0.194%
20	9.645	703	705	707	rVV	86404	122828	1.08%	0.176%
21	10.296	759	762	765	rBV2	1457124	1897389	16.67%	2.716%
22	10.445	771	775	778	rBV2	171327	266903	2.35%	0.382%
23	10.536	781	783	784	rVB	102827	121551	1.07%	0.174%
24	10.571	784	786	789	rBV2	57087	129568	1.14%	0.185%
25	10.891	810	814	820	rVB3	92907	175489	1.54%	0.251%
26	10.982	820	822	826	rBV2	969773	1038704	9.13%	1.487%
27	11.245	842	845	848	rVB3	96929	134008	1.18%	0.192%
28	11.393	856	858	860	rBV	947401	851074	7.48%	1.218%
29	11.485	863	866	867	rBV	275270	361791	3.18%	0.518%
30	11.553	870	872	879	rVB	523793	618266	5.43%	0.885%
31	12.182	925	927	930	rBV	151279	134169	1.18%	0.192%
32	12.239	930	932	938	rBV	576779	821971	7.22%	1.177%
33	12.331	938	940	942	rBV	94971	117965	1.04%	0.169%
34	12.399	944	946	949	rBV	140977	181169	1.59%	0.259%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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	12.571	958	961	963	rBV	1547472	1831707	16.10%	2.622%
36	12.994	996	998	1000	rVV2	258849	260711	2.29%	0.373%
37	13.028	1000	1001	1003	rVV2	191069	254691	2.24%	0.365%
38	13.074	1003	1005	1008	rVB	103769	131277	1.15%	0.188%
39	13.417	1033	1035	1039	rBV	99357	136158	1.20%	0.195%
40	13.485	1039	1041	1044	rVV	507370	651525	5.72%	0.933%
41	13.599	1048	1051	1057	rVB	459859	837751	7.36%	1.199%
42	14.114	1093	1096	1099	rBV	996569	1005619	8.84%	1.440%
43	14.468	1125	1127	1129	rVB	104384	143752	1.26%	0.206%
44	14.525	1130	1132	1134	rBV	129841	154447	1.36%	0.221%
45	14.582	1134	1137	1140	rVB	87715	176252	1.55%	0.252%
46	14.685	1144	1146	1150	rBV2	546915	958862	8.43%	1.373%
47	14.914	1164	1166	1169	rBV	492754	598147	5.26%	0.856%
48	15.142	1184	1186	1190	rBV2	196310	283330	2.49%	0.406%
49	15.337	1200	1203	1204	rBV	280796	409993	3.60%	0.587%
50	15.371	1204	1206	1209	rVB	723790	962912	8.46%	1.378%
51	15.485	1213	1216	1218	rBV	164466	298605	2.62%	0.427%
52	15.645	1226	1230	1232	rBV2	114060	240700	2.12%	0.345%
53	15.840	1245	1247	1251	rVB2	92149	163577	1.44%	0.234%
54	15.954	1254	1257	1262	rVB2	197581	394707	3.47%	0.565%
55	16.091	1265	1269	1274	rBV6	90069	300991	2.64%	0.431%
56	16.205	1275	1279	1281	rBV2	135388	352890	3.10%	0.505%
57	16.251	1281	1283	1286	rVB	156212	253309	2.23%	0.363%
58	16.343	1286	1291	1294	rBV4	148191	476953	4.19%	0.683%
59	16.537	1304	1308	1319	rBV4	688579	2331861	20.49%	3.338%
60	16.697	1319	1322	1326	rVV3	158684	385710	3.39%	0.552%
61	16.777	1326	1329	1332	rVV2	325319	753692	6.62%	1.079%
62	16.880	1335	1338	1342	rVV	336334	975624	8.57%	1.397%
63	16.960	1342	1345	1350	rVB2	329793	889729	7.82%	1.274%
64	17.143	1357	1361	1368	rBV3	436761	1727154	15.18%	2.473%
65	17.257	1368	1371	1374	rVV	316433	739007	6.49%	1.058%
66	17.325	1374	1377	1382	rVB	365601	891851	7.84%	1.277%
67	17.531	1392	1395	1404	rVV7	103375	423094	3.72%	0.606%
68	17.668	1405	1407	1409	rVV	73780	168696	1.48%	0.241%
69	17.726	1410	1412	1417	rVB2	108484	244151	2.15%	0.350%
70	17.977	1429	1434	1440	rVB2	278021	942365	8.28%	1.349%
71	18.137	1440	1448	1453	rVV	1607231	5023725	44.14%	7.192%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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	18.240	1454	1457	1465	rVB6	75418	285972	2.51%	0.409%
73	18.491	1474	1479	1484	rBV	265649	780154	6.86%	1.117%
74	18.720	1496	1499	1506	rVB6	60361	223118	1.96%	0.319%
75	19.223	1538	1543	1552	rBV4	113400	417895	3.67%	0.598%
76	19.429	1556	1561	1571	rVB2	159253	613253	5.39%	0.878%

Sum of corrected areas: 69854119

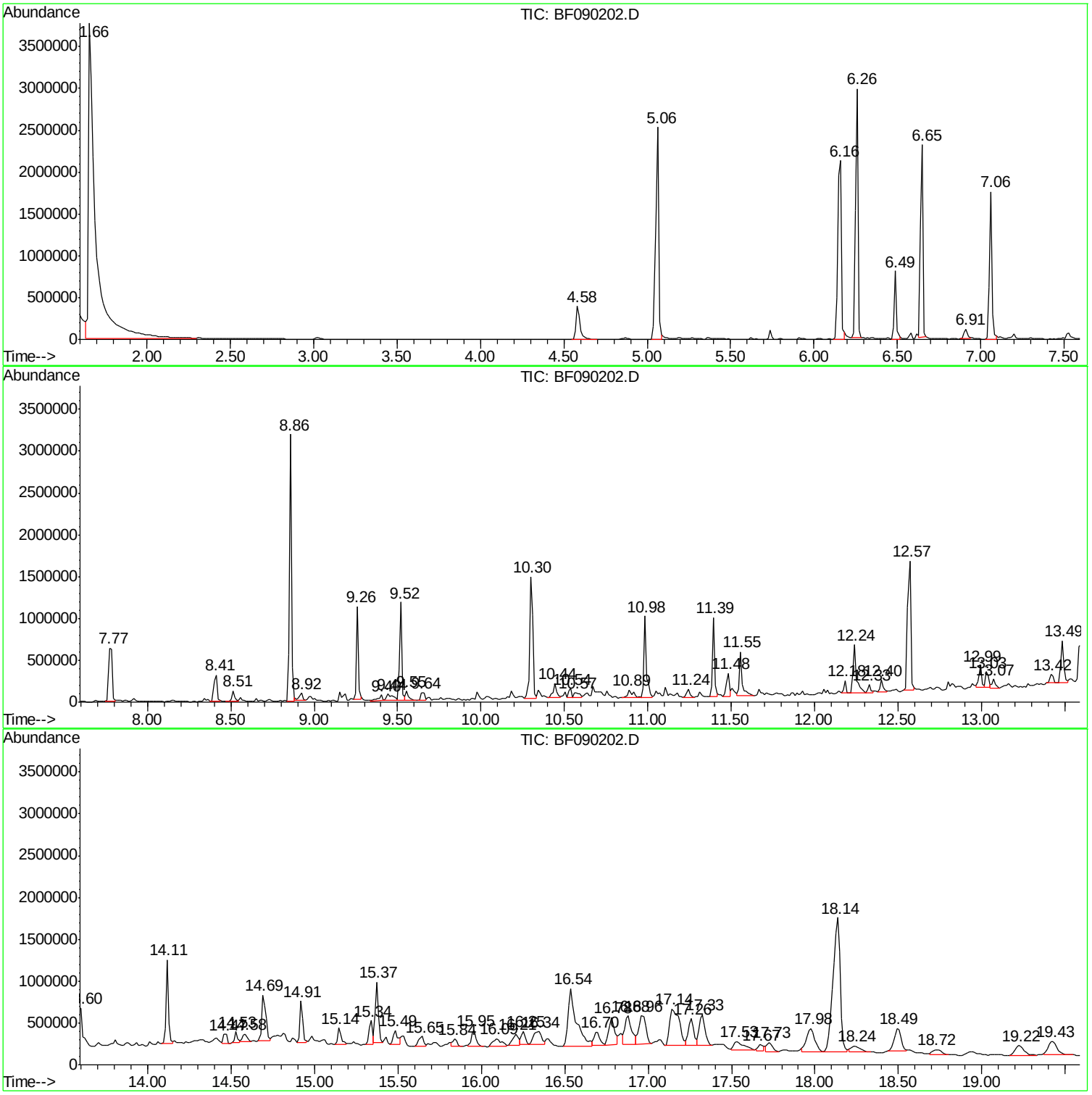
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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

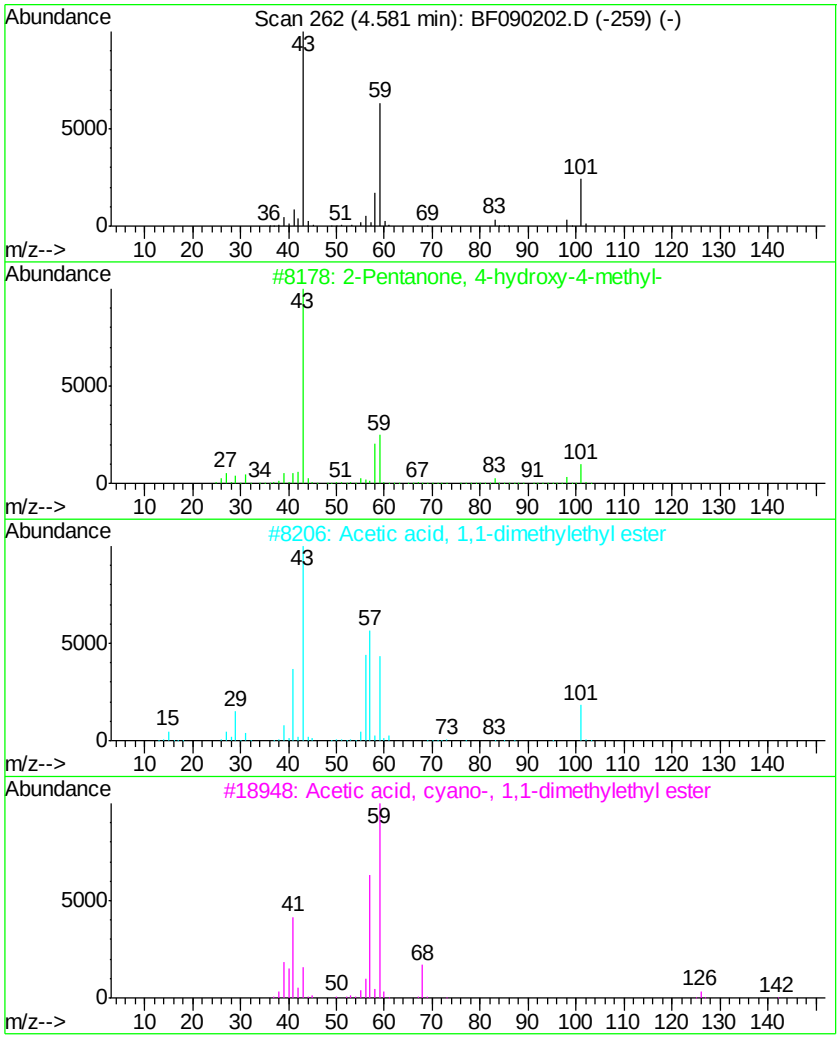
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

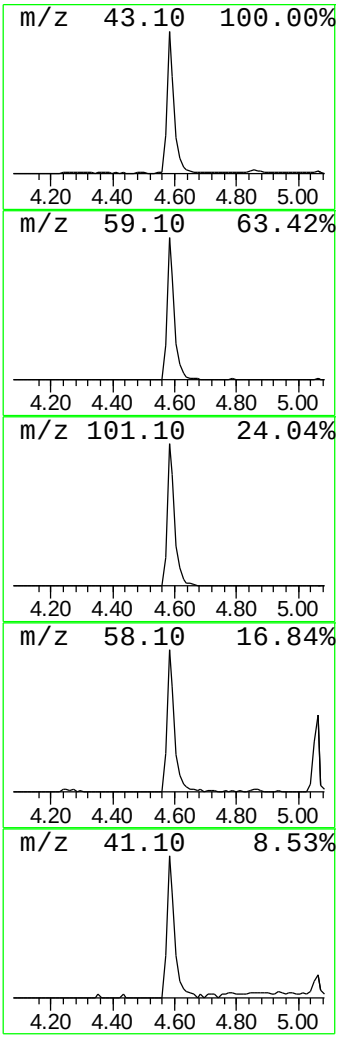
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	17.90 ng	656464	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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

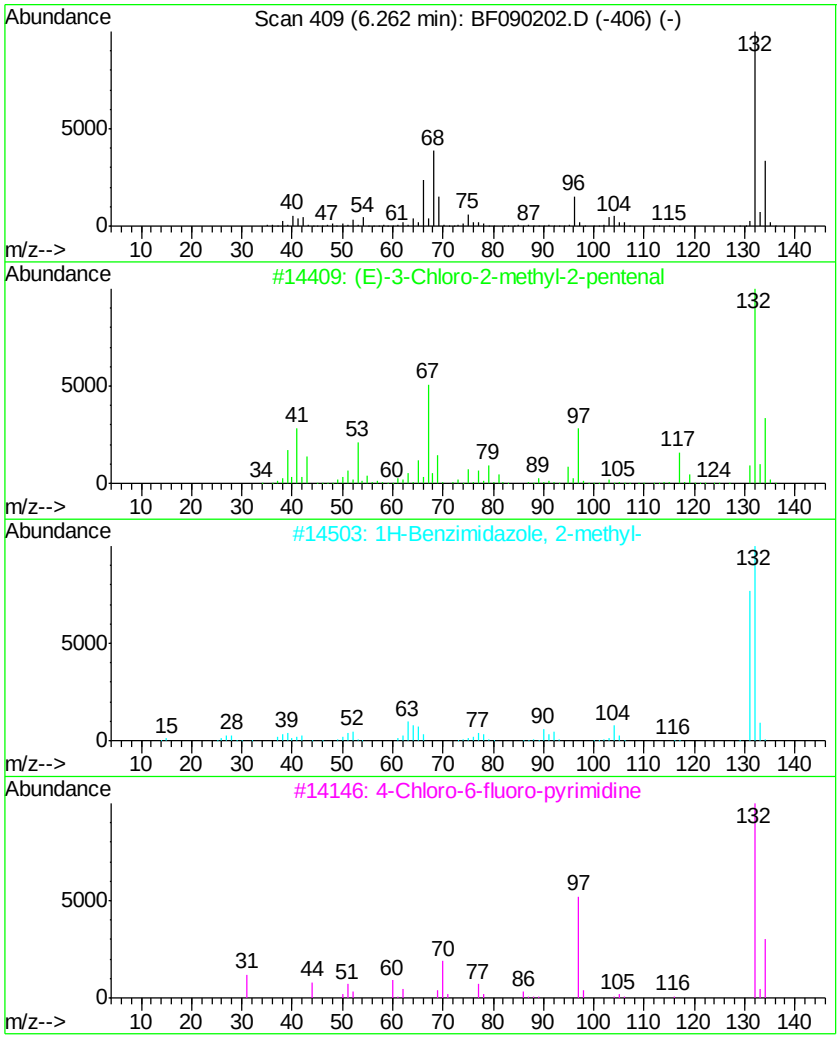
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

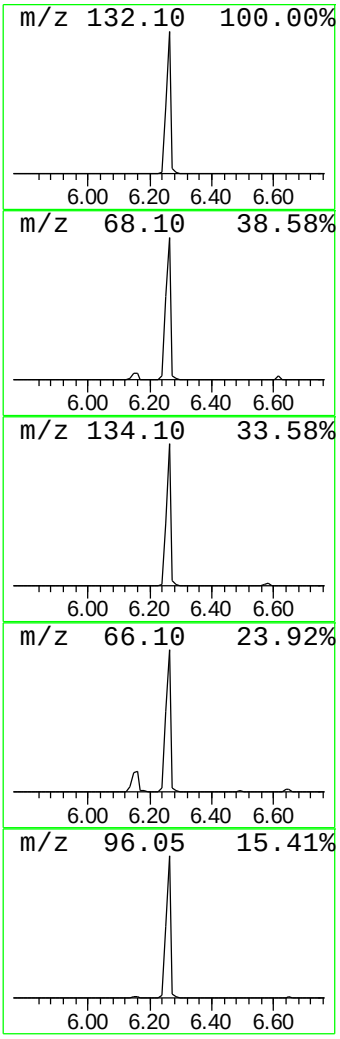
****

Peak Number 3 unknown6.26 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	87.03 ng	3191370	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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

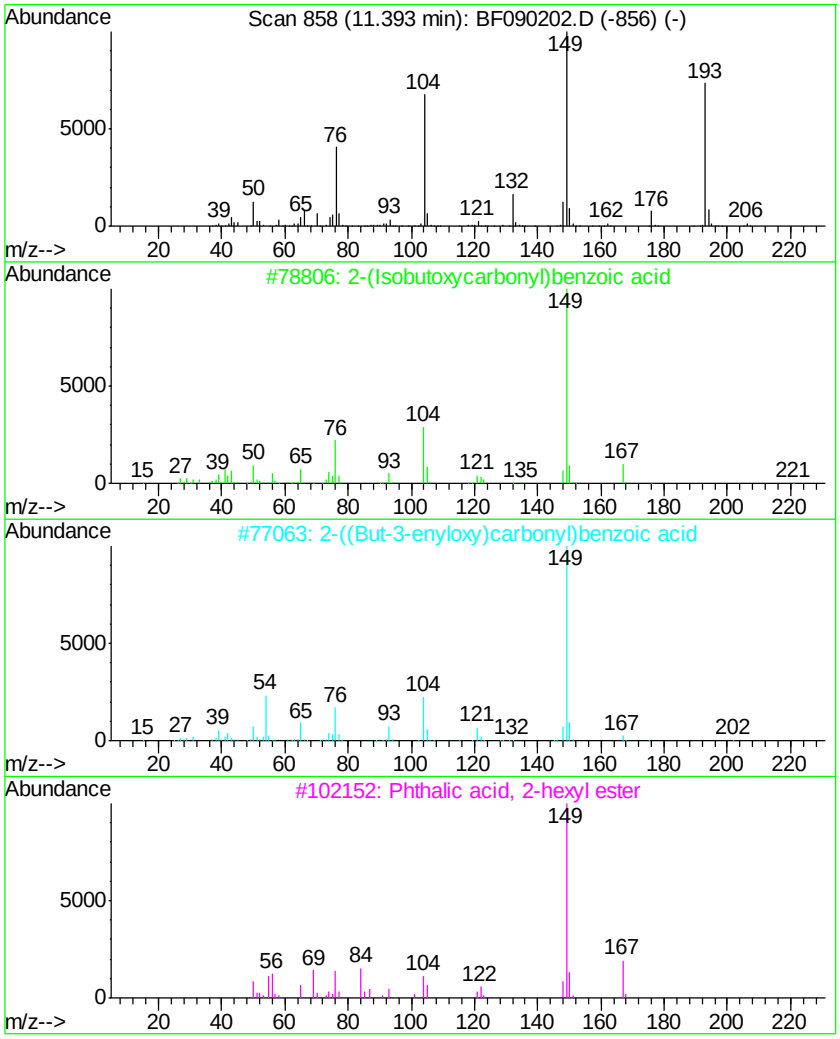
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

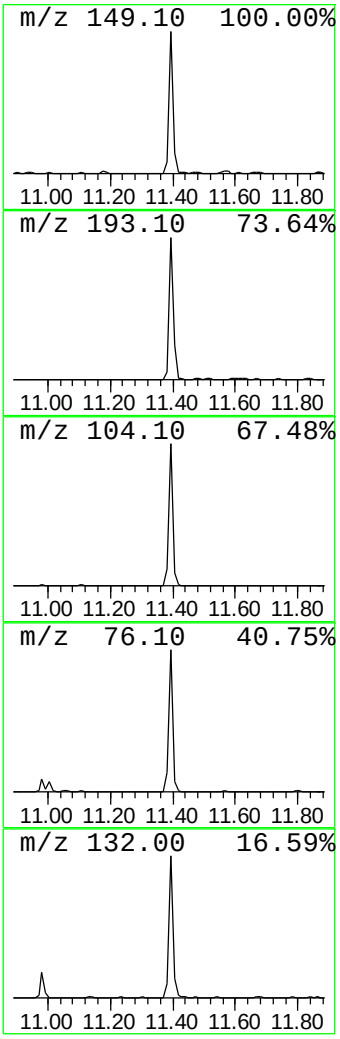
****

Peak Number 5 unknown11.39 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	16.39 ng	851074	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Isobutoxycarbonyl)benzoic acid	222	C12H14O4	1000373-52-8	47
2	2-((But-3-enyloxy)carbonyl)benzo...	220	C12H12O4	1000373-53-4	35
3	Phthalic acid, 2-hexyl ester	250	C14H18O4	079107-80-5	27
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	25
5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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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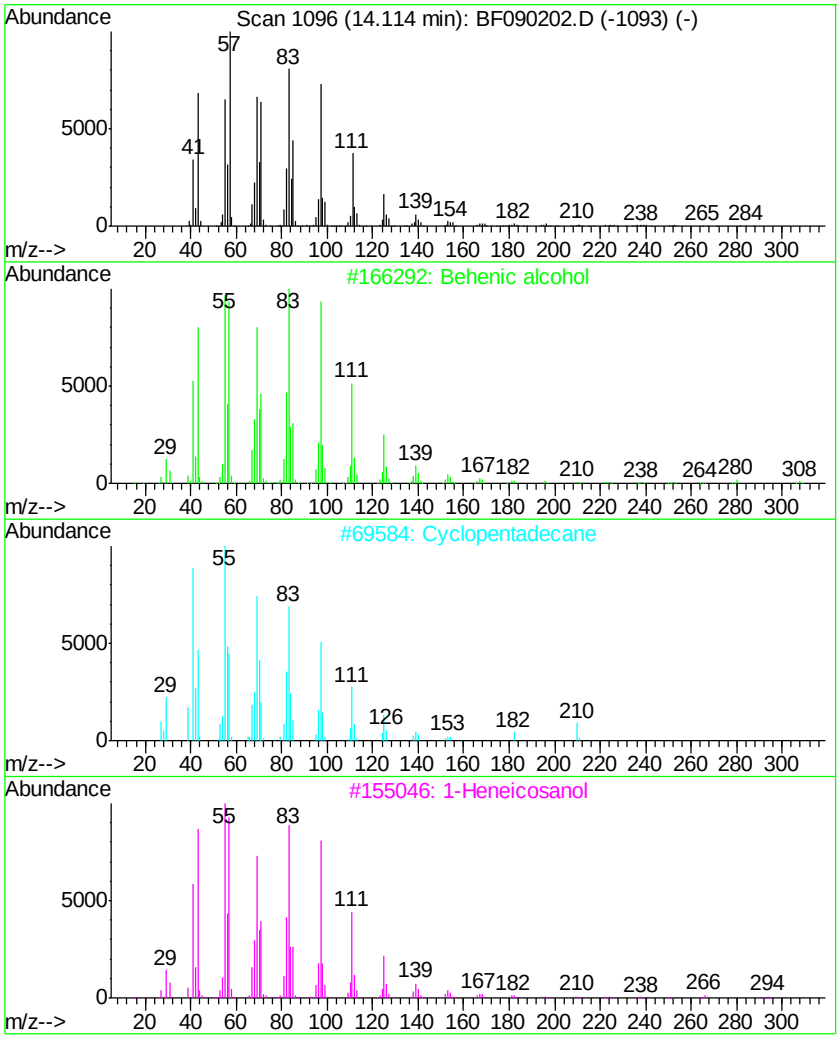
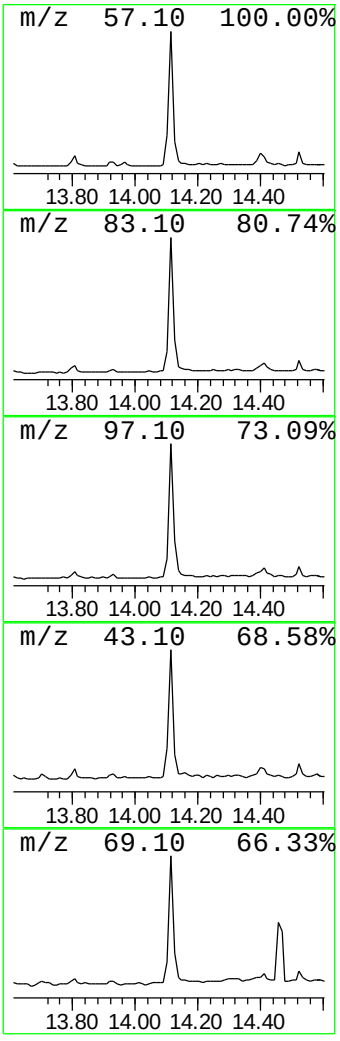
Peak Number 6 Behenic alcohol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	24.01 ng	1005620	Chrysene-d12	13.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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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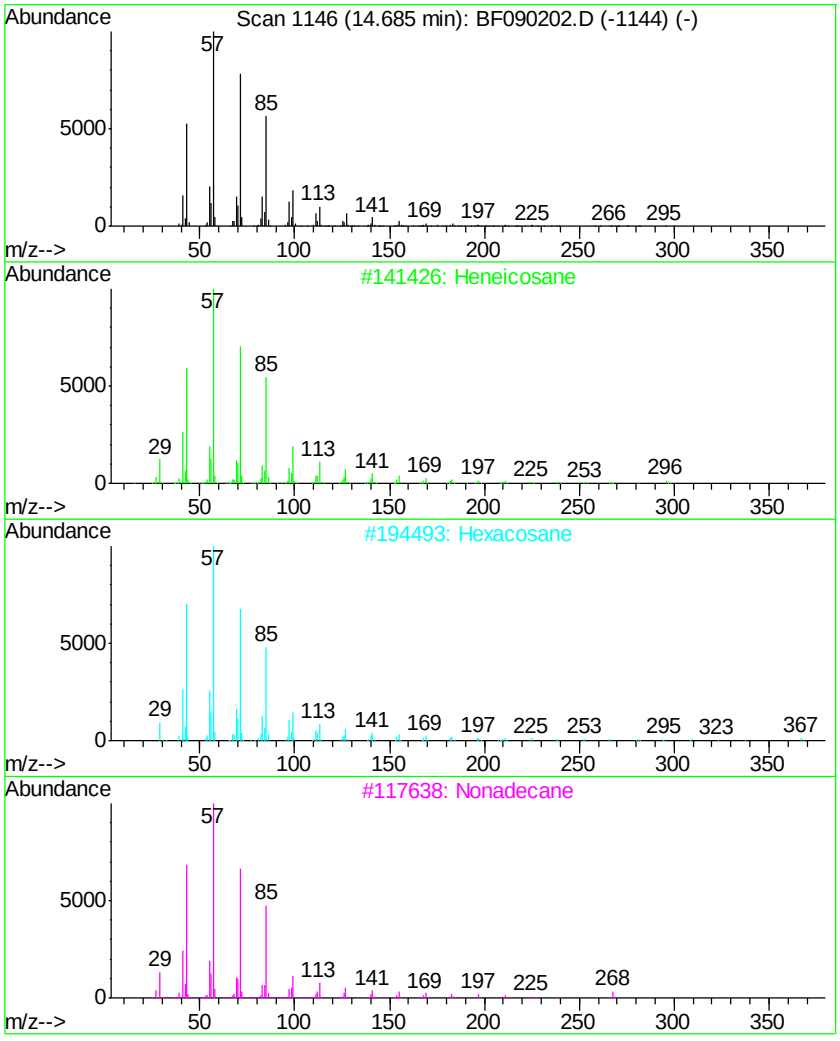
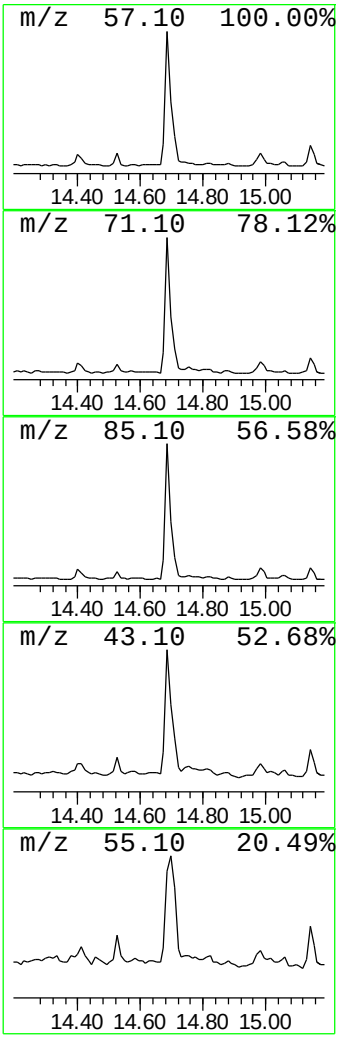
Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	32.06 ng	958862	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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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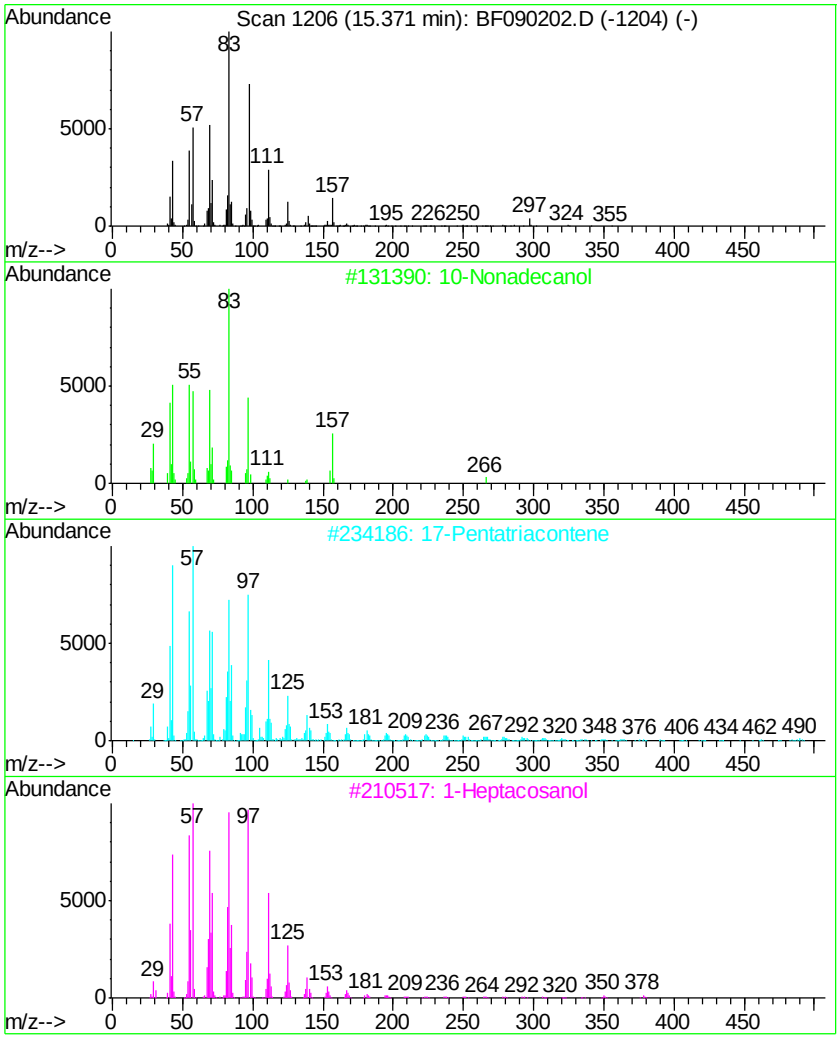
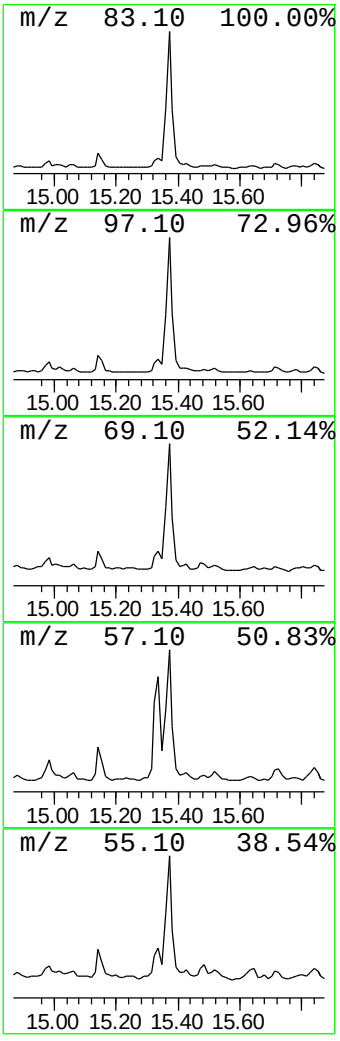
Peak Number 8 10-Nonadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	32.20 ng	962912	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Nonadecanol	284	C19H40O	016840-84-9	64
2	17-Pentatriacontene	491	C35H70	006971-40-0	45
3	1-Heptacosanol	396	C27H56O	002004-39-9	43
4	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	38
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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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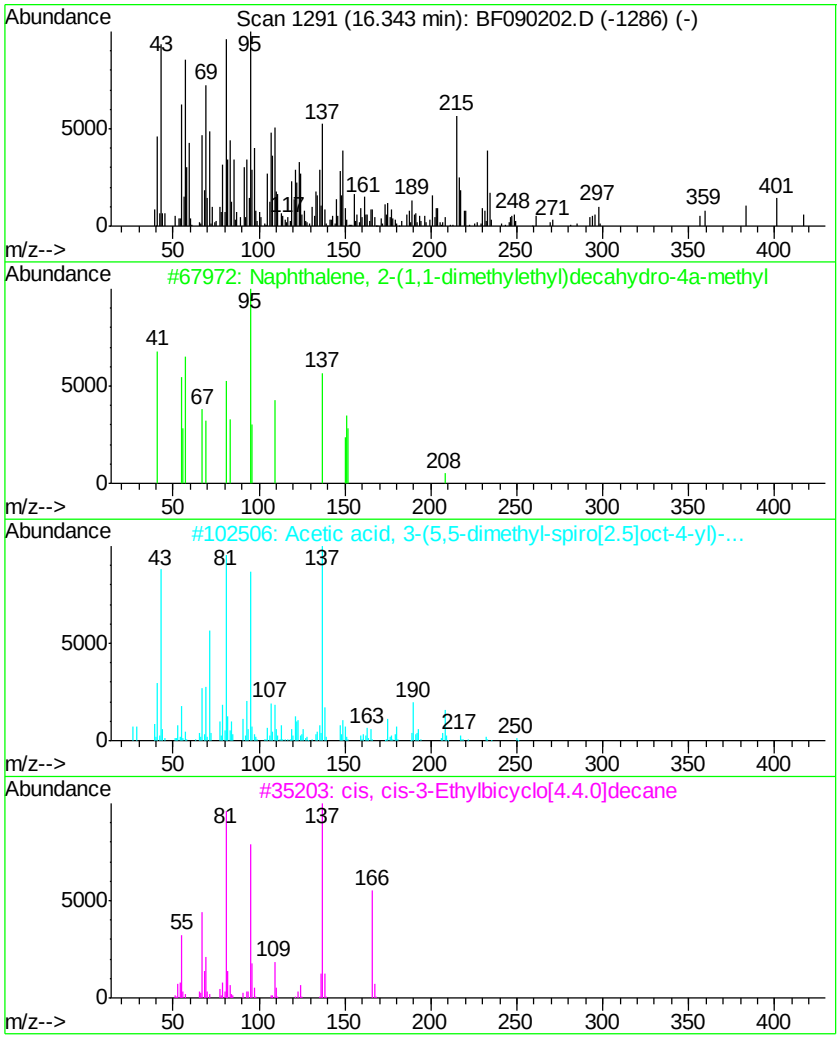
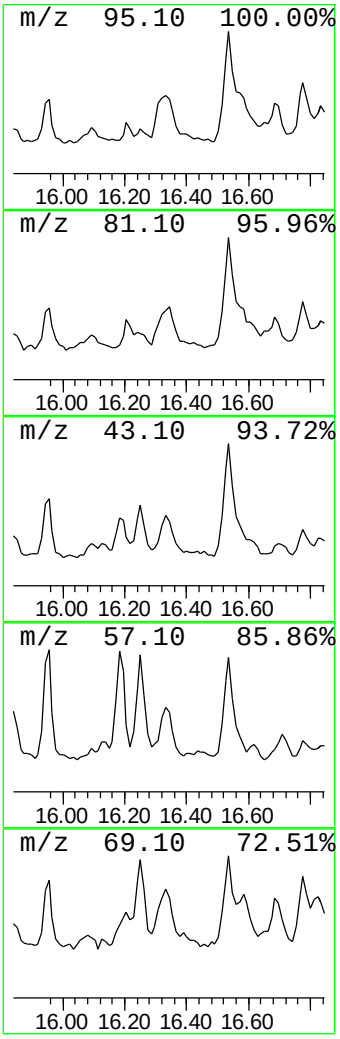
Peak Number 9 unknown16.34 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	15.95 ng	476953	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1,1-dimethylethy...	208	C15H28	054934-96-2	42
2	Acetic acid, 3-(5,5-dimethyl-spi...	250	C16H26O2	077143-33-0	22
3	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	22
4	3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	22
5	2(1H)-Pyridinone, 1-propyl-	137	C8H11NO	019006-63-4	20





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Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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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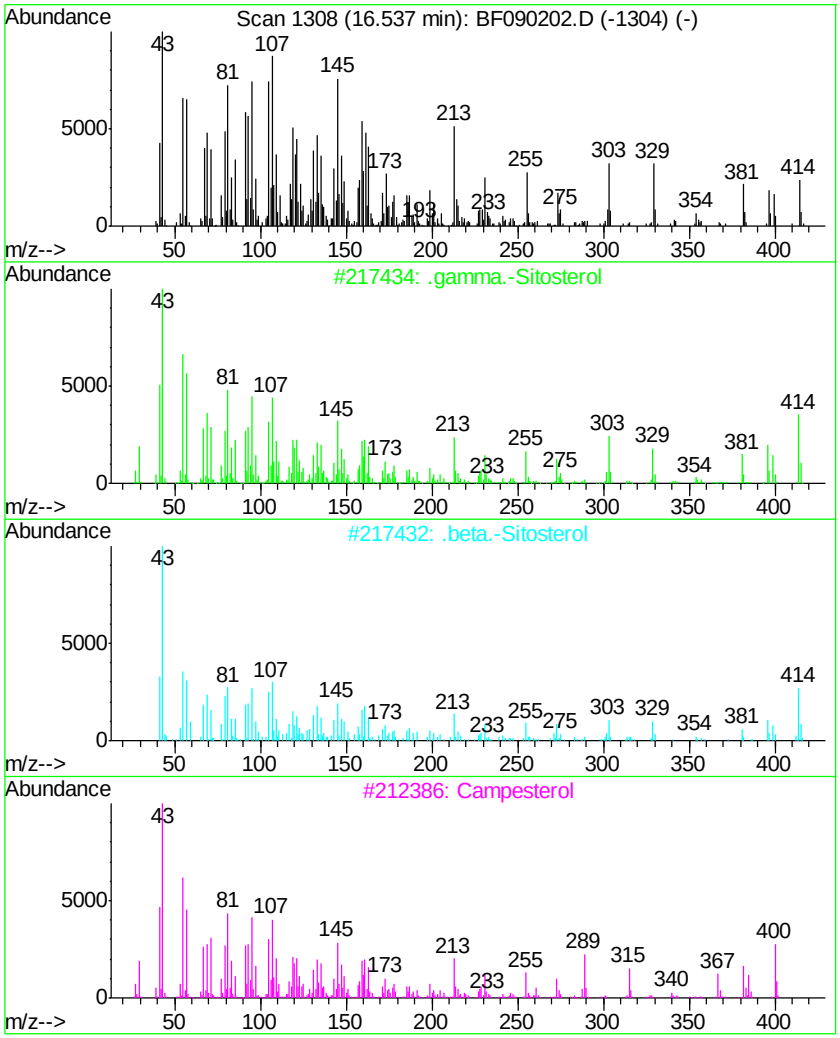
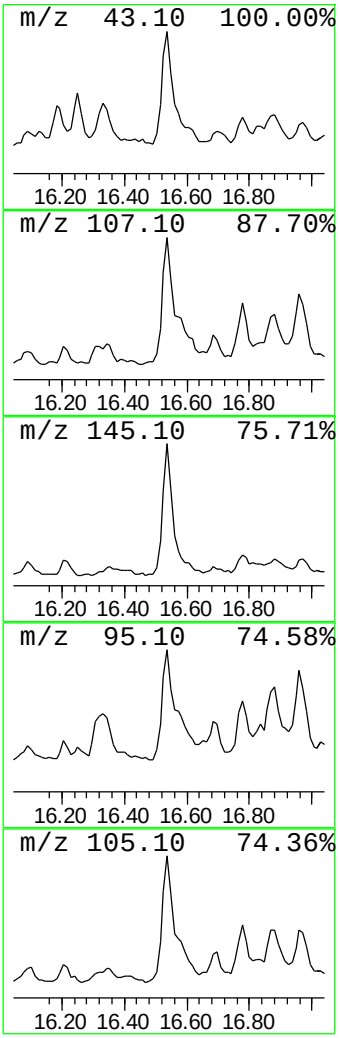
Peak Number 10 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	77.97 ng	2331860	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	83
3	Campesterol	400	C28H48O	000474-62-4	53
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	53
5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	41





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Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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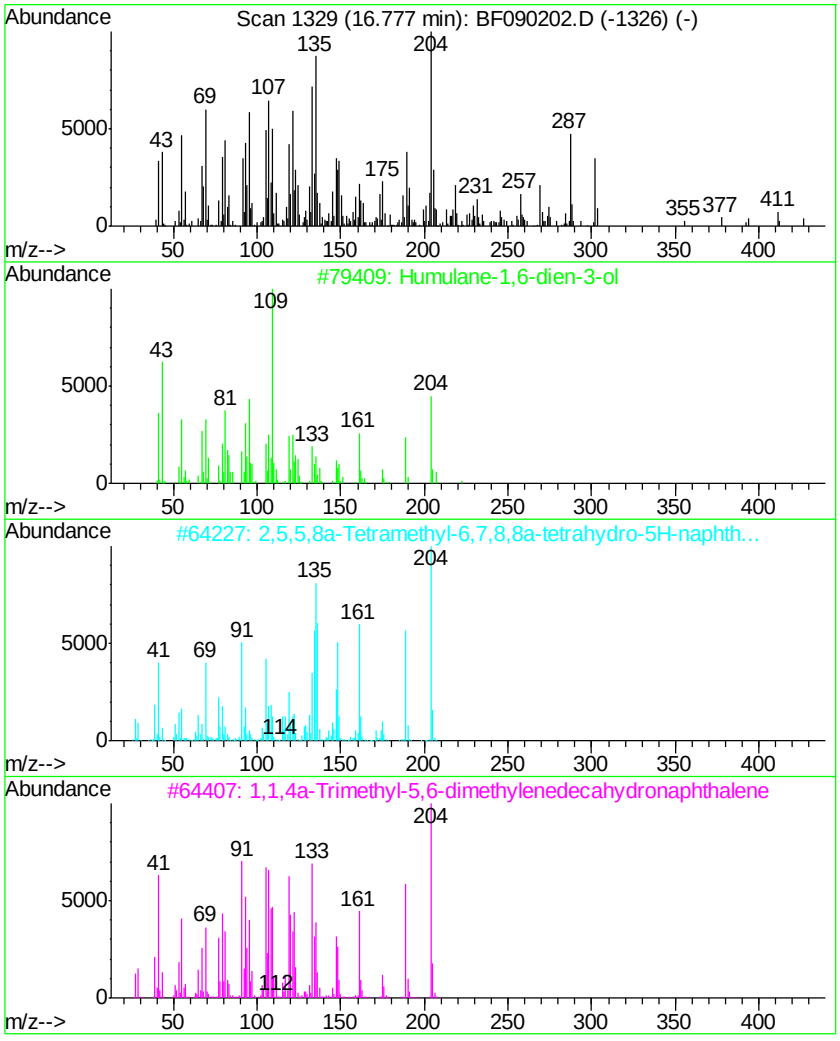
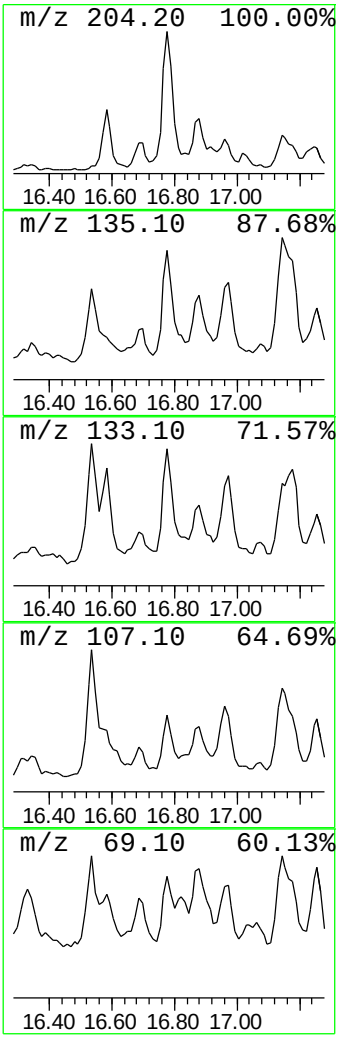
Peak Number 11 Humulane-1,6-dien-3-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	25.20 ng	753692	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Humulane-1,6-dien-3-ol	222	C15H26O	1000140-23-1	50
2	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	49
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	43
4	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	38
5	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	38





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ClientSampleId : TS-WSG-16121-05

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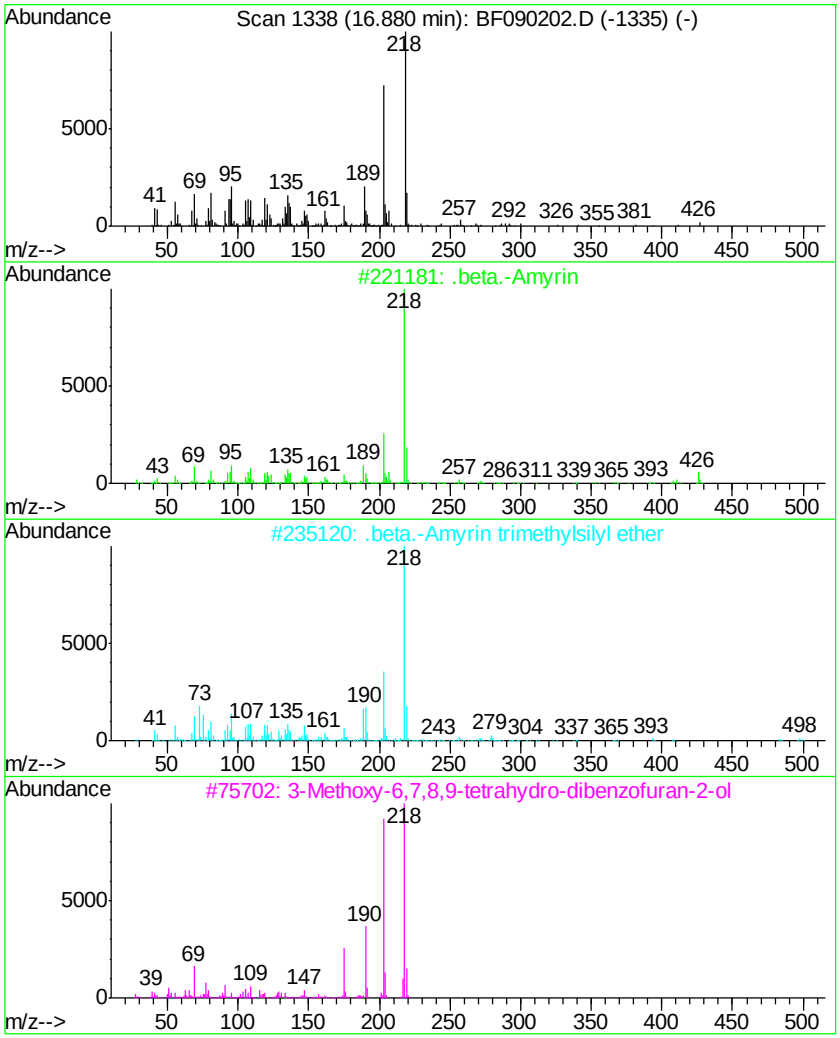
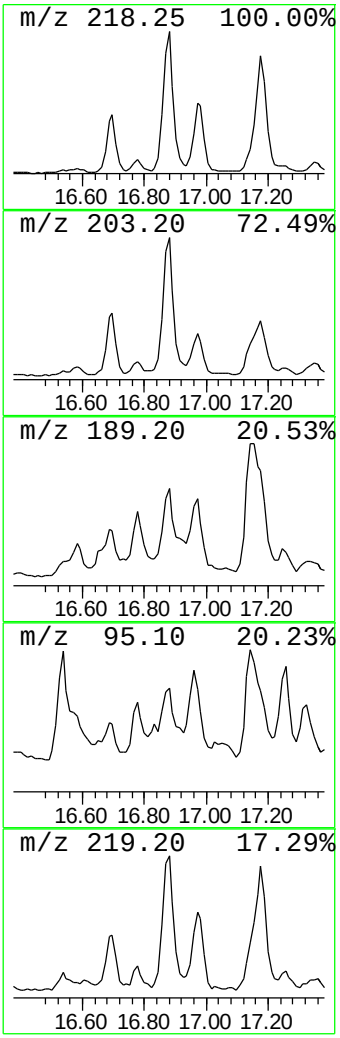
Peak Number 12 .beta.-Amyrin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	32.62 ng	975624	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	91
2	.beta.-Amyrin trimethylsilyl ether	498	C33H58OSi	001721-67-1	72
3	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	58
4	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	53
5	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	53





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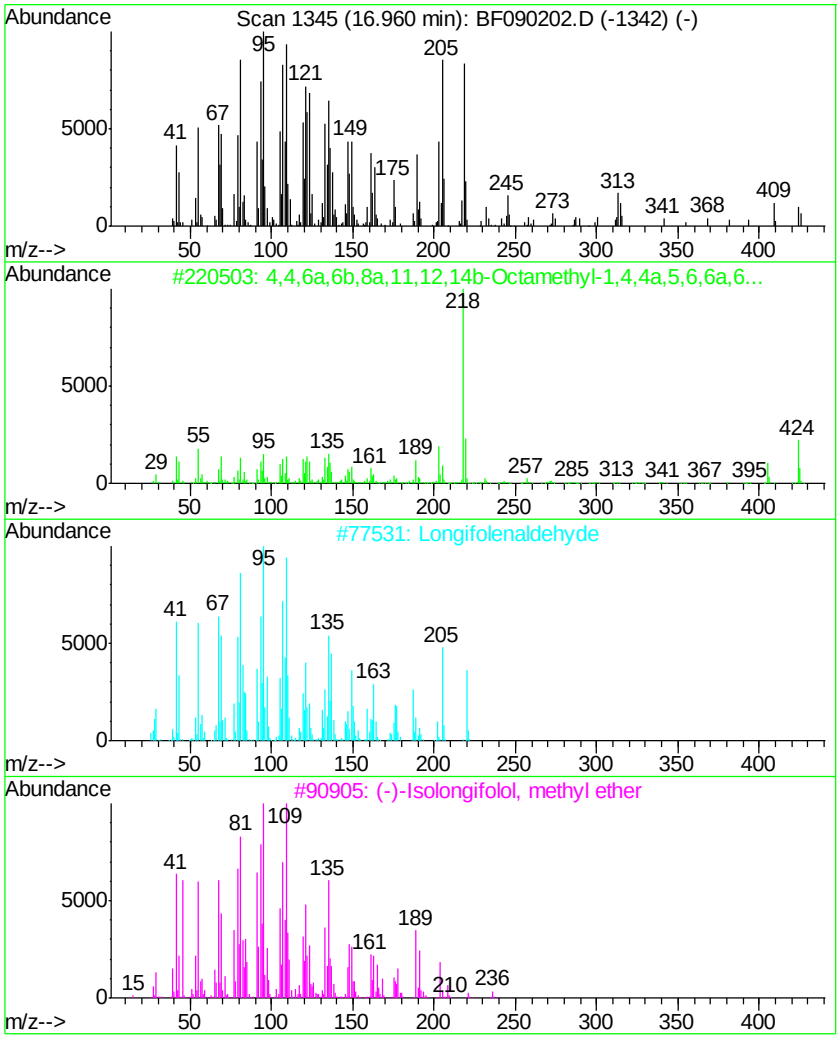
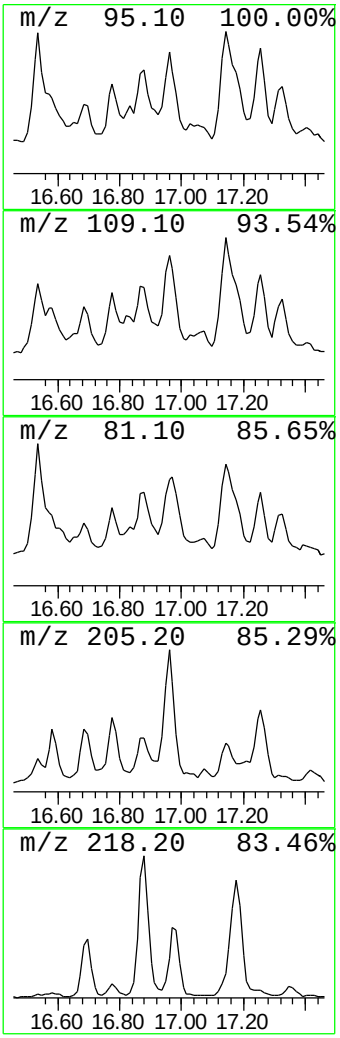
Peak Number 13 4,4,6a,6b,8a,11,12,14b-Octa... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	29.75 ng	889729	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,6a,6b,8a,11,12,14b-Octamethy...	424	C30H48O	1000194-64-2	98
2	Longifolenaldehyde	220	C15H24O	019890-84-7	47
3	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	45
4	But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	38
5	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	30





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Sample : H4867-02
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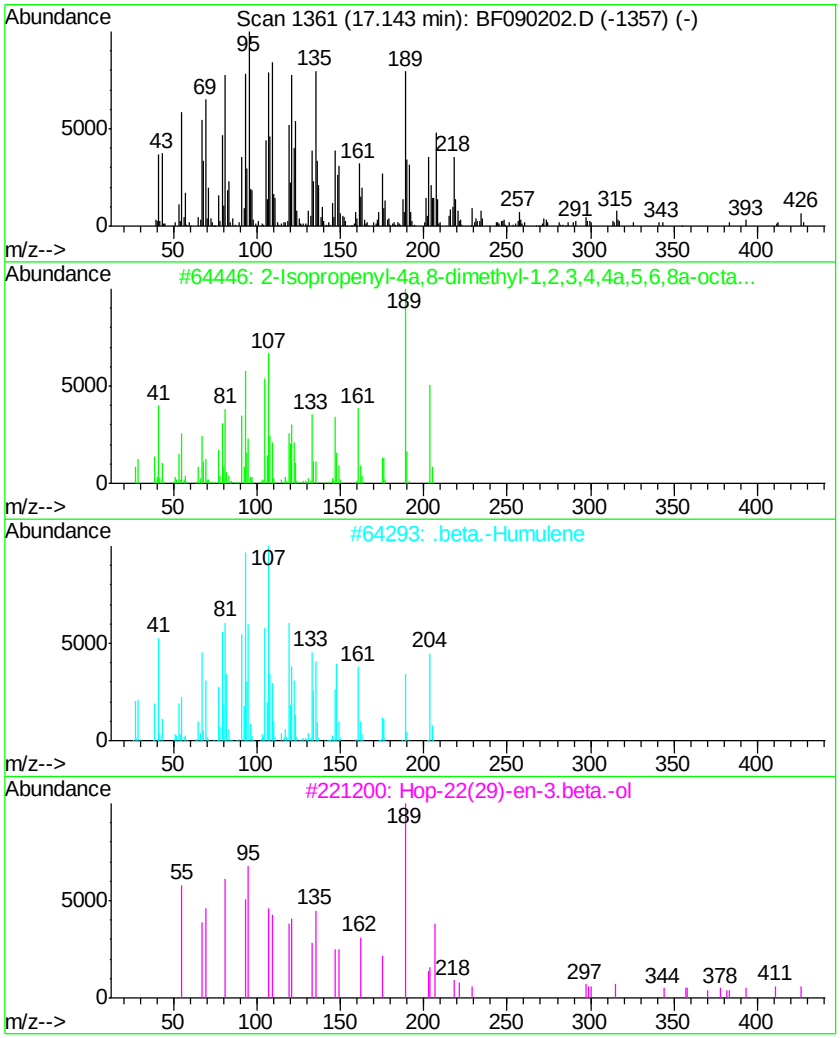
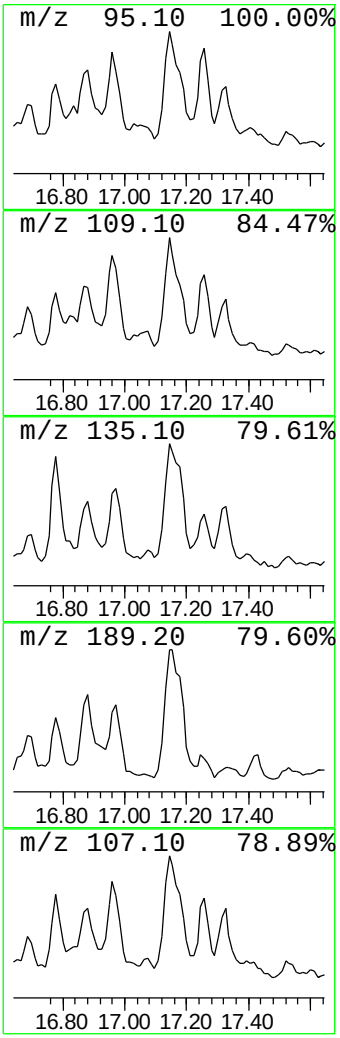
Peak Number 14 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	57.75 ng	1727150	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	80
2	.beta.-Humulene	204	C15H24	000116-04-1	74
3	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	64
4	Guaia-9,11-diene	204	C15H24	1000374-19-8	55
5	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	49





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

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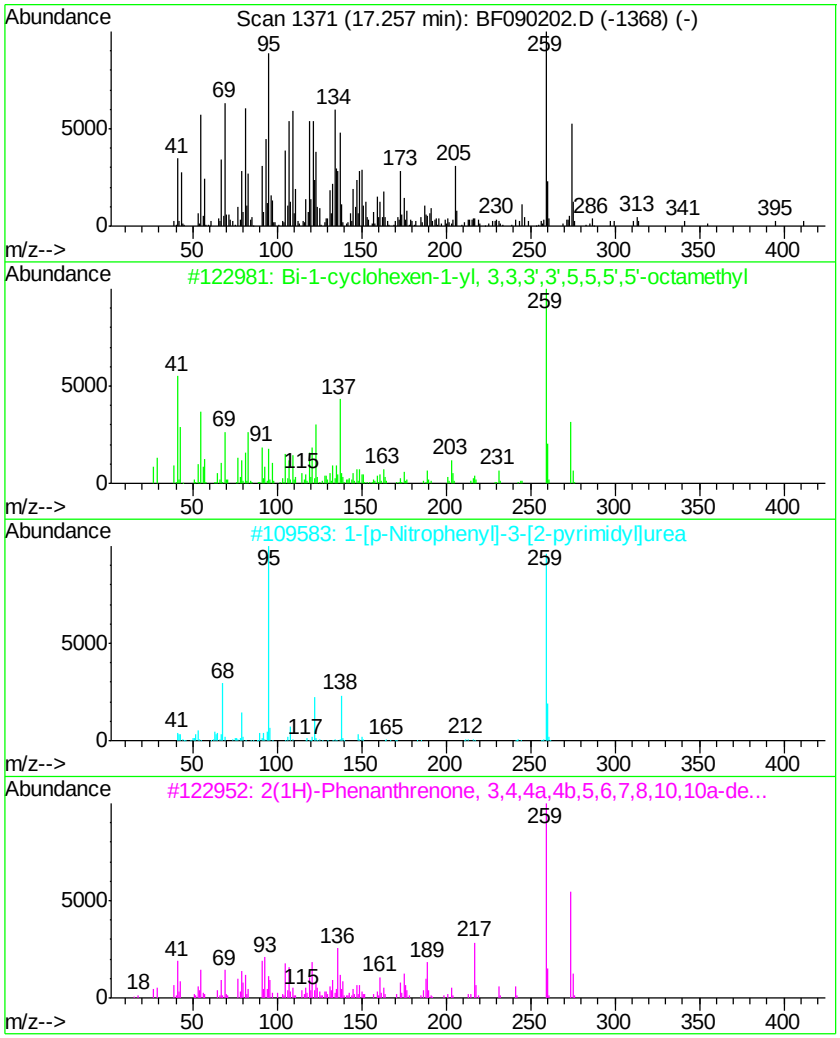
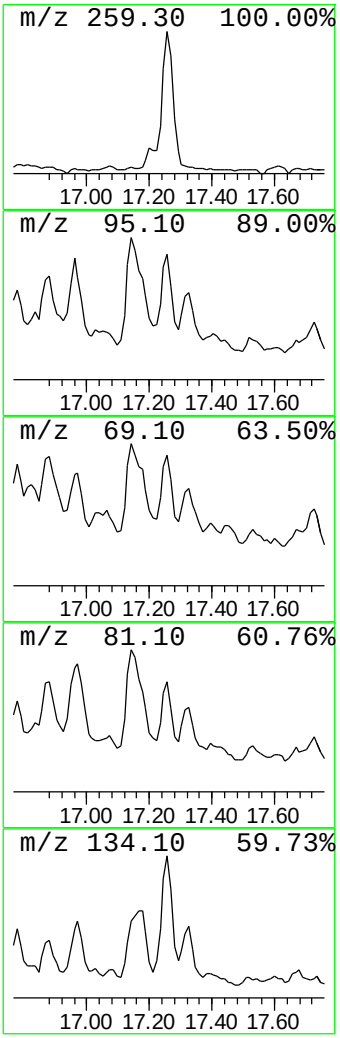
Peak Number 15 unknown17.26 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	24.71 ng	739007	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bi-1-cyclohexen-1-yl, 3,3,3',3',...	274	C20H34	076993-52-7	43
2	1-[p-Nitrophenyl]-3-[2-pyrimidyl...	259	C11H9N5O3	023656-31-7	38
3	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	38
4	1,3-DIETHYL-2-HYDROXYBENZOTHIAZO...	274	C14H14N2O2S	1000227-15-3	35
5	2-Furancarboxamide, N-(5-acetyl-...	259	C14H13NO4	1000362-83-5	25





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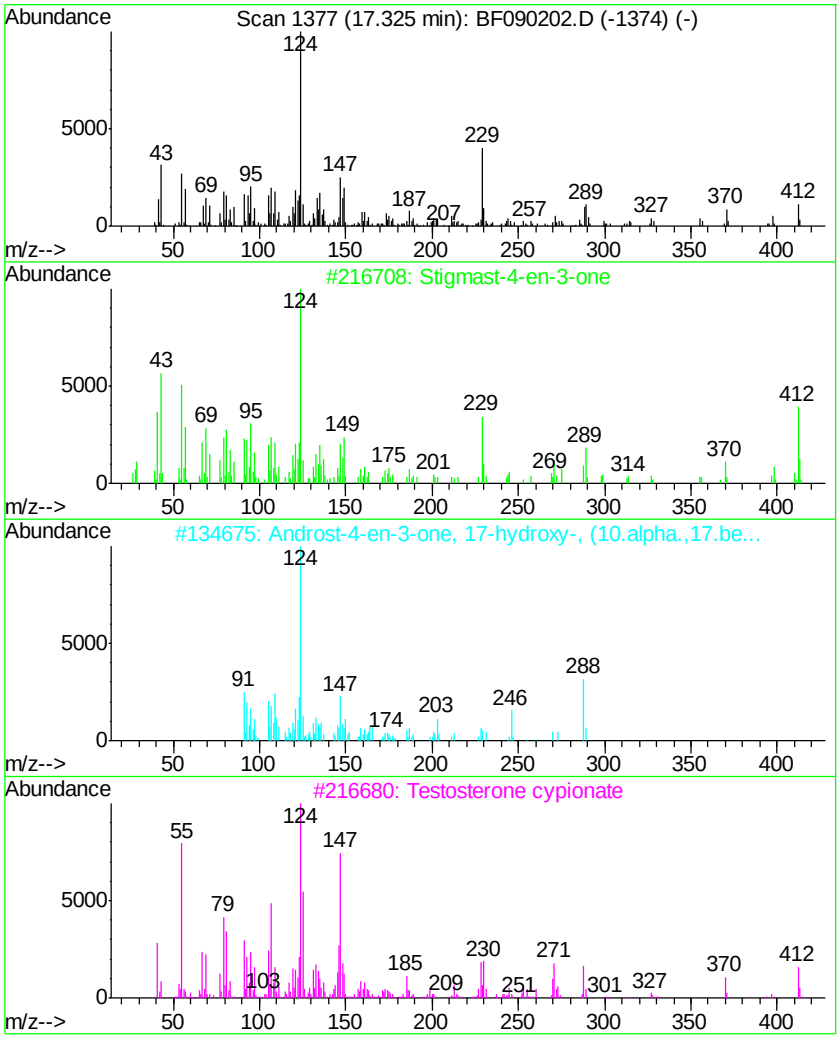
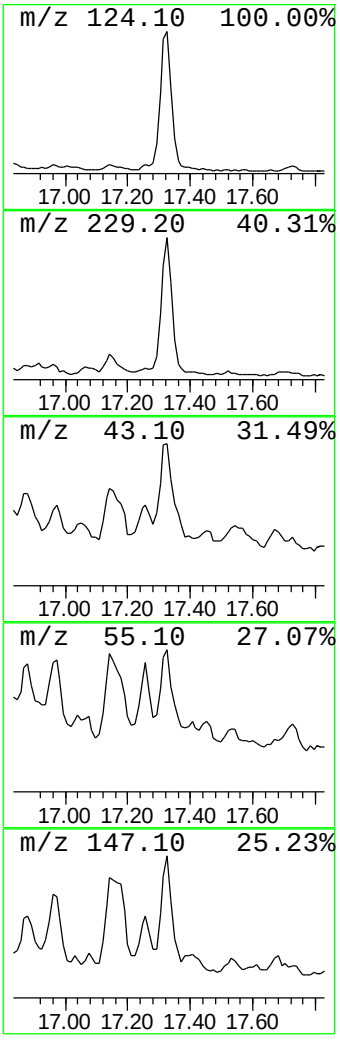
Peak Number 16 Stigmast-4-en-3-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.33	29.82 ng	891851	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	96
2	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	62
3	Testosterone cypionate	412	C27H40O3	000058-20-8	46
4	2,3-Diaminophenol	124	C6H8N2O	059649-56-8	38
5	2,5-Furandicarboxaldehyde	124	C6H4O3	000823-82-5	30





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Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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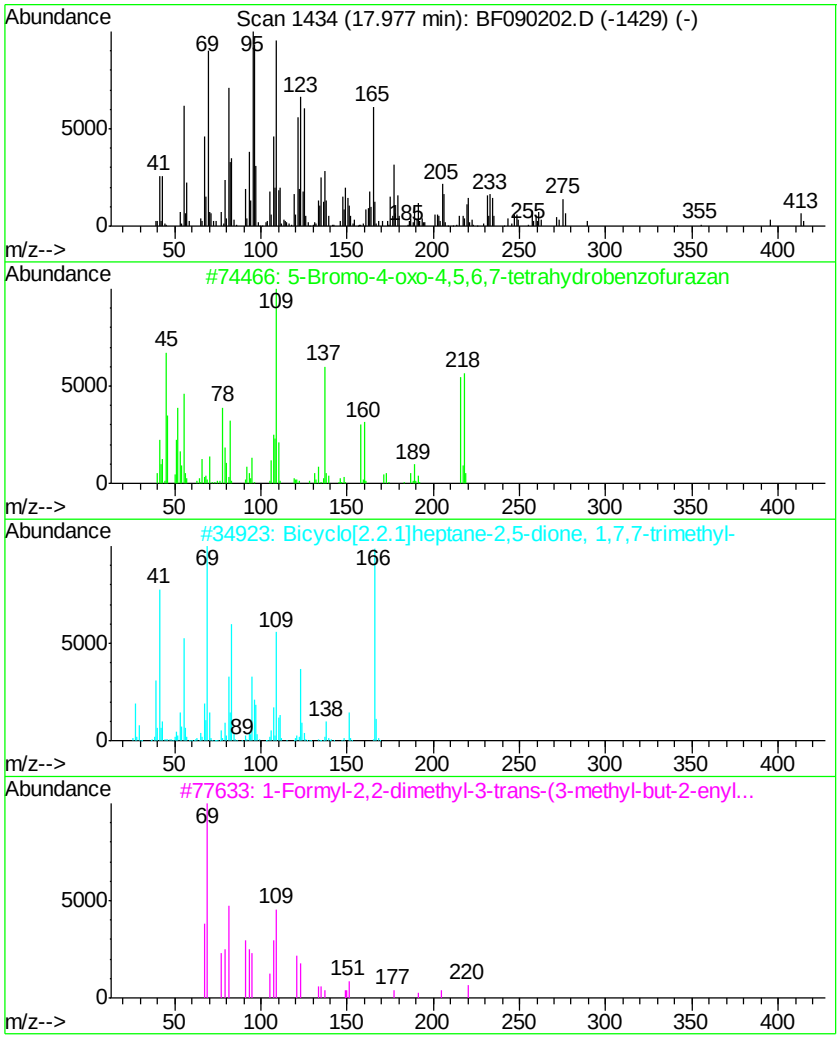
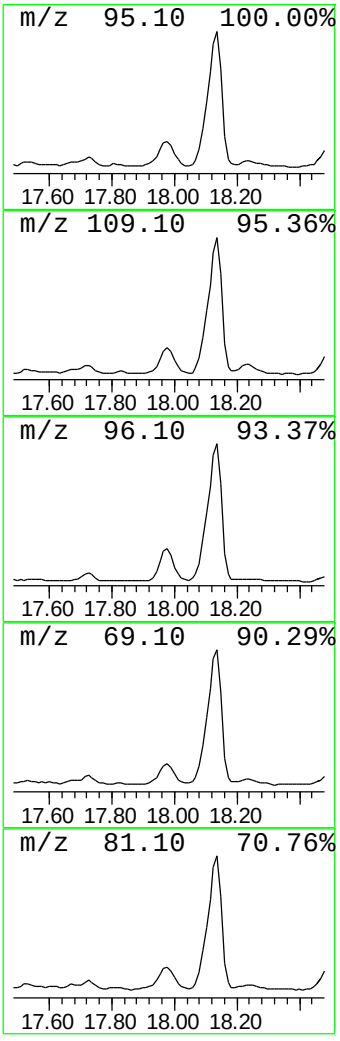
Peak Number 17 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	31.51 ng	942365	Perylene-d12	14.91

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	Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	55
3	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	41
4	1,4-Methanoazulene-9-methanol, d...	222	C15H26O	001139-17-9	38
5	2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	38





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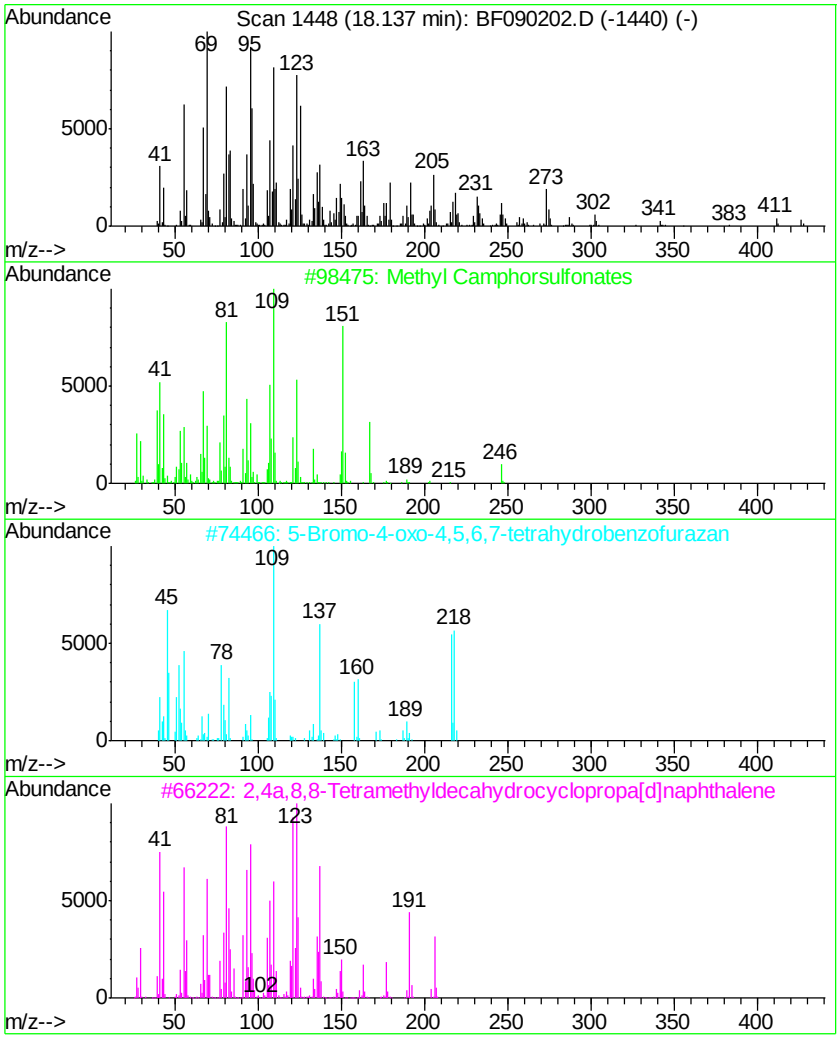
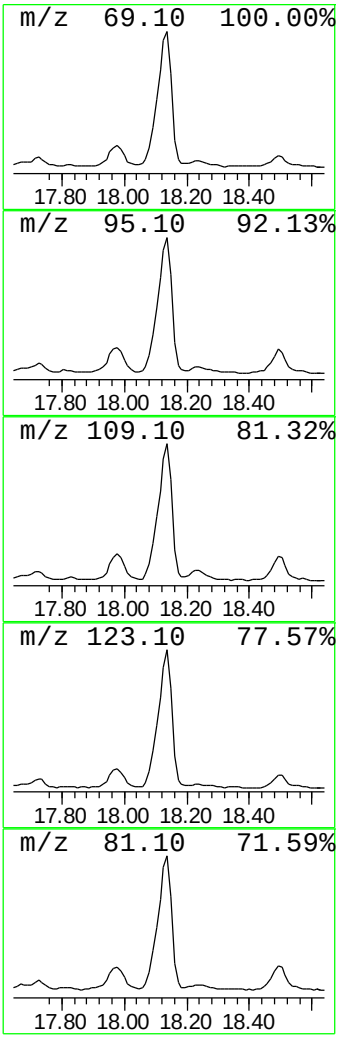
Peak Number 18 Methyl Camphorsulfonates Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	167.98 ng	5023730	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Camphorsulfonates	246	C11H18O4S	046471-67-4	81
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	68
3	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	55
4	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	51
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	49





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ClientSampleId : TS-WSG-16121-05

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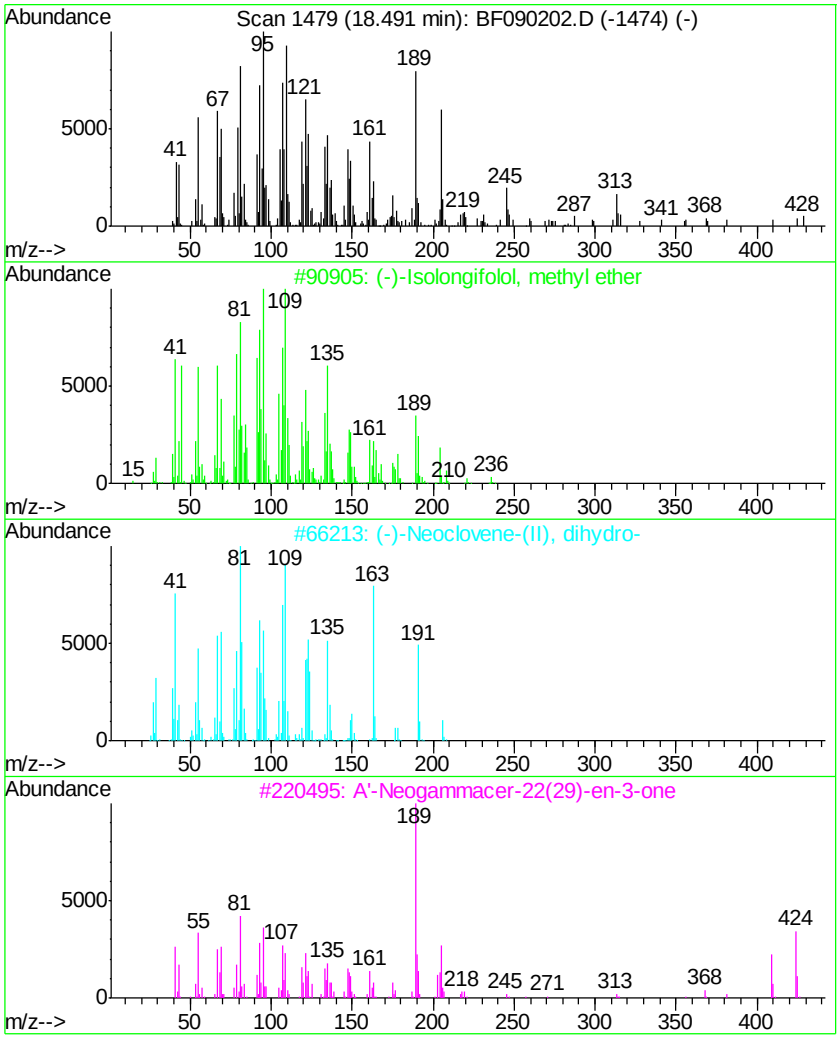
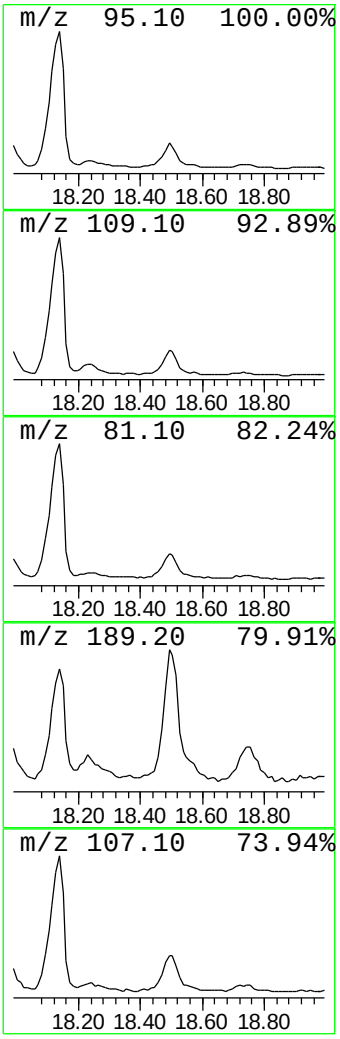
Peak Number 19 (-)-Isolongifolol, methyl e... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	26.09 ng	780154	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	64
2	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	62
3	A'-Neogammacer-22(29)-en-3-one	424	C30H48O	025615-11-6	58
4	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	44
5	6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	43





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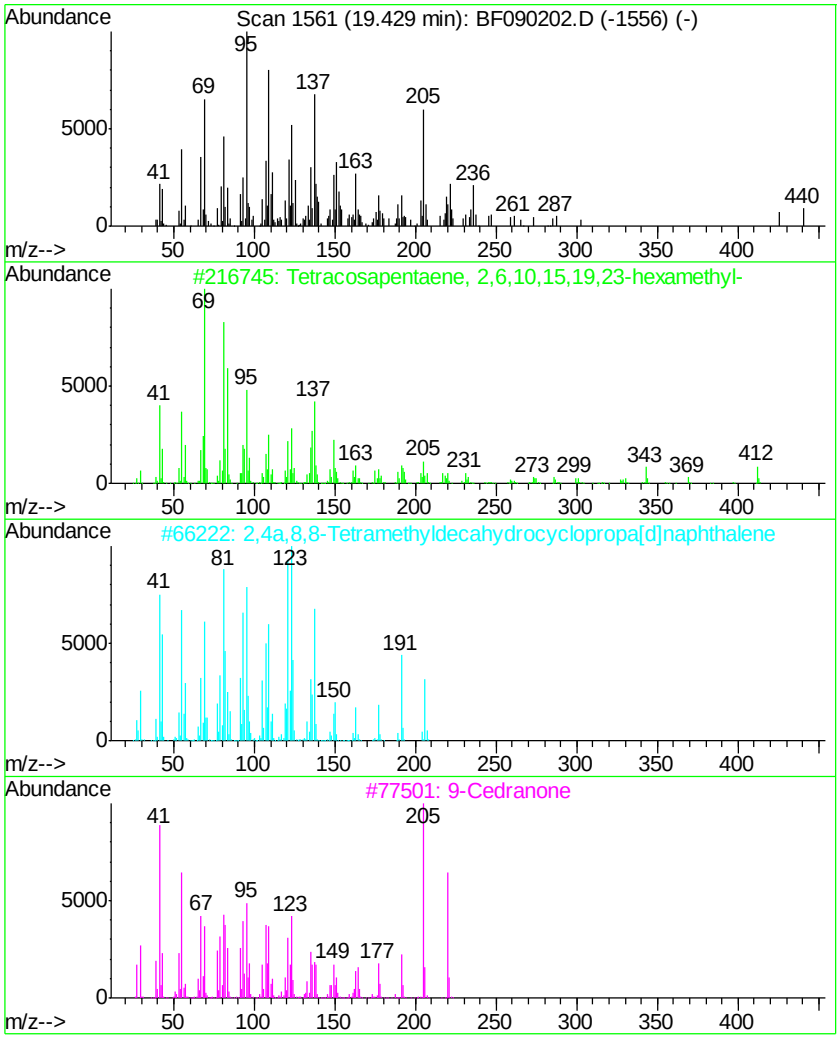
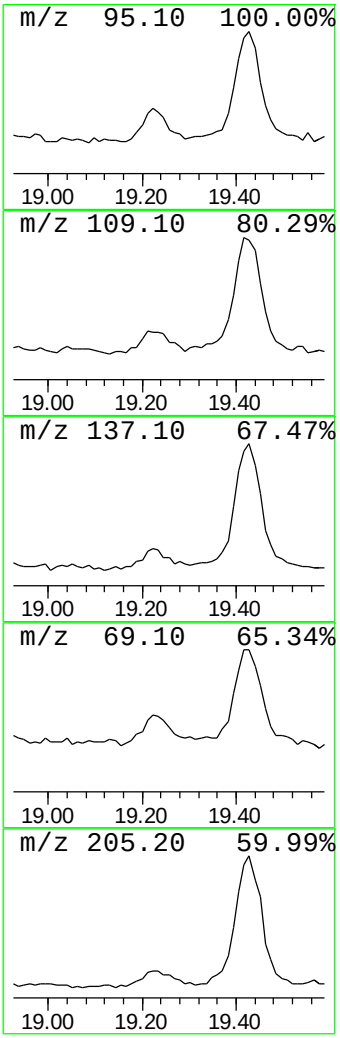
Peak Number 20 Tetracosapentaene, 2,6,10,1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	20.51 ng	613253	Perylene-d12	14.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosapentaene, 2,6,10,15,19,...	412	C30H52	026266-08-0	50
2	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	46
3	9-Cedranone	220	C15H24O	1000156-23-2	45
4	N-Furfuryl-N,5-dimethylfurfurvla...	205	C12H15NO2	1000245-11-0	30
5	4-Hexen-1-ol, 6-(2,6,6-trimethyl...	236	C16H28O	1000221-57-6	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
Data File : BF090202.D
Acq On : 23 Sep 2016 17:22
Operator : UM/SJ
Sample : H4867-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-WSG-16121-05

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...	4.58	17.9	ng	656464	1	6.49	733384	20.0
unknown6.26	6.26	87.0	ng	3191370	1	6.49	733384	20.0
unknown11.39	11.39	16.4	ng	851074	4	10.98	1038700	20.0
Behenic alcohol	14.11	24.0	ng	1005620	5	13.60	837751	20.0
Heneicosane	14.69	32.1	ng	958862	6	14.91	598147	20.0
10-Nonadecanol	15.37	32.2	ng	962912	6	14.91	598147	20.0
unknown16.34	16.34	15.9	ng	476953	6	14.91	598147	20.0
.gamma.-Sitosterol	16.54	78.0	ng	2331860	6	14.91	598147	20.0
Humulane-1,6-dien...	16.78	25.2	ng	753692	6	14.91	598147	20.0
.beta.-Amyrin	16.88	32.6	ng	975624	6	14.91	598147	20.0
4,4,6a,6b,8a,11,1...	16.96	29.8	ng	889729	6	14.91	598147	20.0
2-Isopropenyl-4a,...	17.14	57.8	ng	1727150	6	14.91	598147	20.0
unknown17.26	17.26	24.7	ng	739007	6	14.91	598147	20.0
Stigmast-4-en-3-one	17.33	29.8	ng	891851	6	14.91	598147	20.0
5-Bromo-4-oxo-4,5...	17.98	31.5	ng	942365	6	14.91	598147	20.0
Methyl Camphorsul...	18.14	168.0	ng	5023730	6	14.91	598147	20.0
(-)-Isolongifolol...	18.49	26.1	ng	780154	6	14.91	598147	20.0
Tetracosapentaene...	19.43	20.5	ng	613253	6	14.91	598147	20.0