LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

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-BF101316.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	5.057	235	238	247	rBV	558355	679533	11.97%	1.430%
2	5.480	273	275	278	rBV	2707333	2699934	47.55%	5.682%
3	6.509	363	365	368	rBV	1928896	2686820	47.32%	5.655%
4	6.646	375	377	380	rBV	3368671	2994664	52.75%	6.303%
5	6.875	395	397	402	rBV	825171	1026817	18.09%	2.161%
6	7.035	409	411	413	rBV	2500874	2181069	38.42%	4.590%
7	7.446	444	447	449	rBV	1154713	1530942	26.96%	3.222%
8	8.166	506	510	512	rBV	1542656	1681076	29.61%	3.538%
9	8.235	512	516	517	rVV	87654	165217	2.91%	0.348%
10	8.258	517	518	522	rVB2	54973	98870	1.74%	0.208%
11	8.463	532	536	539	rBV3	135084	280837	4.95%	0.591%
12	8.509	539	540	542	rVV	118709	121081	2.13%	0.255%
13	8.543	542	543	545	rVV	192672	172961	3.05%	0.364%
14	8.589	545	547	548	rVV	268214	244616	4.31%	0.515%
15	8.612	548	549	552	rVB3	40665	70745	1.25%	0.149%
16	8.760	560	562	564	rBV	1037319	863424	15.21%	1.817%
17	8.818	564	567	569	rVV4	60090	158995	2.80%	0.335%
18	8.852	569	570	572	rVB	99808	96795	1.70%	0.204%
19	8.955	577	579	582	rVB3	39110	71732	1.26%	0.151%
20	9.046	582	587	590	rBV2	119952	288491	5.08%	0.607%
21	9.092	590	591	592	rVV	111526	84139	1.48%	0.177%
22	9.126	592	594	596	rVV	151396	163955	2.89%	0.345%
23	9.161	596	597	599	rVV	84719	124035	2.18%	0.261%
24	9.206	599	601	602	rVV2	430151	481787	8.49%	1.014%
25	9.241	602	604	607	rVV	2893227	2572391	45.31%	5.414%
26	9.286	607	608	610	rVV2	356394	460923	8.12%	0.970%
27	9.321	610	611	614	rVV2	349494	594800	10.48%	1.252%
28	9.389	616	617	619	rVV2	101781	132843	2.34%	0.280%
29	9.423	619	620	623	rVV3	54742	67083	1.18%	0.141%
30	9.481	623	625	627	rVV	144777	209184	3.68%	0.440%
31	9.515	627	628	630	rVV	91558	78322	1.38%	0.165%
32	9.583	630	634	635	rVV2	1543109	1995237	35.14%	4.199%
33	9.641	635	639	643	rVV	436394	756720	13.33%	1.593%
34	9.721	643	646	648	rVV4	122608	183882	3.24%	0.387%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.766	648	650	653	rVV2	215213	318344	5.61%	0.670%
36	9.812	653	654	656	rVV	142338	216435	3.81%	0.456%
37	9.858	656	658	659	rVV	110940	110140	1.94%	0.232%
38	9.915	661	663	665	rVV	898820	1297940	22.86%	2.732%
39	9.949	665	666	671	rVB2	334091	349157	6.15%	0.735%
40	10.349	696	701	703	rVV2	44871	75010	1.32%	0.158%
41	10.406	704	706	708	rVV	201103	186157	3.28%	0.392%
42	10.452	708	710	713	rVB2	128114	158279	2.79%	0.333%
43	10.566	718	720	724	rBV	43281	64838	1.14%	0.136%
44	10.681	729	730	731	rVV	143229	174218	3.07%	0.367%
45	10.704	731	732	734	rVV2	1042732	1219718	21.48%	2.567%
46	10.738	734	735	738	rVV	111070	159260	2.81%	0.335%
47	10.829	741	743	746	rBV	161697	156964	2.76%	0.330%
48	11.401	791	793	796	rBV	688741	944440	16.63%	1.988%
49	12.989	930	932	935	rBV	1709427	1684229	29.66%	3.545%
50	13.229	949	953	954	rBV2	47416	65321	1.15%	0.137%
51	13.572	980	983	984	rBV	89038	107365	1.89%	0.226%
52	13.687	990	993	998	rBV	77009	102211	1.80%	0.215%
53	13.892	1008	1011	1015	rBV	327202	410673	7.23%	0.864%
54	14.041	1022	1024	1027	rBV	712591	828261	14.59%	1.743%
55	14.212	1035	1039	1044	rBV2	89703	179585	3.16%	0.378%
56	14.338	1047	1050	1052	rBV	613157	550145	9.69%	1.158%
57	14.532	1064	1067	1069	rBV	4502049	5677574	100.00%	11.949%
58	14.807	1089	1091	1093	rBV	185535	216638	3.82%	0.456%
59	14.852	1093	1095	1097	rVB	1087750	1071900	18.88%	2.256%
60	14.967	1102	1105	1108	rVB	133522	144844	2.55%	0.305%
61	15.081	1113	1115	1117	rVB	47653	58567	1.03%	0.123%
62	15.184	1121	1124	1134	rVB	1234860	2070557	36.47%	4.358%
63	15.493	1148	1151	1155	rBV	631992	923417	16.26%	1.943%
64	15.561	1155	1157	1168	rVB	533817	827725	14.58%	1.742%
65	17.493	1322	1326	1332	rBV2	133696	364764	6.42%	0.768%
66	17.813	1351	1354	1356	rBV2	30134	69705	1.23%	0.147%
67	18.487	1408	1413	1423	rVB	261058	710014	12.51%	1.494%

Sum of corrected areas: 47514315

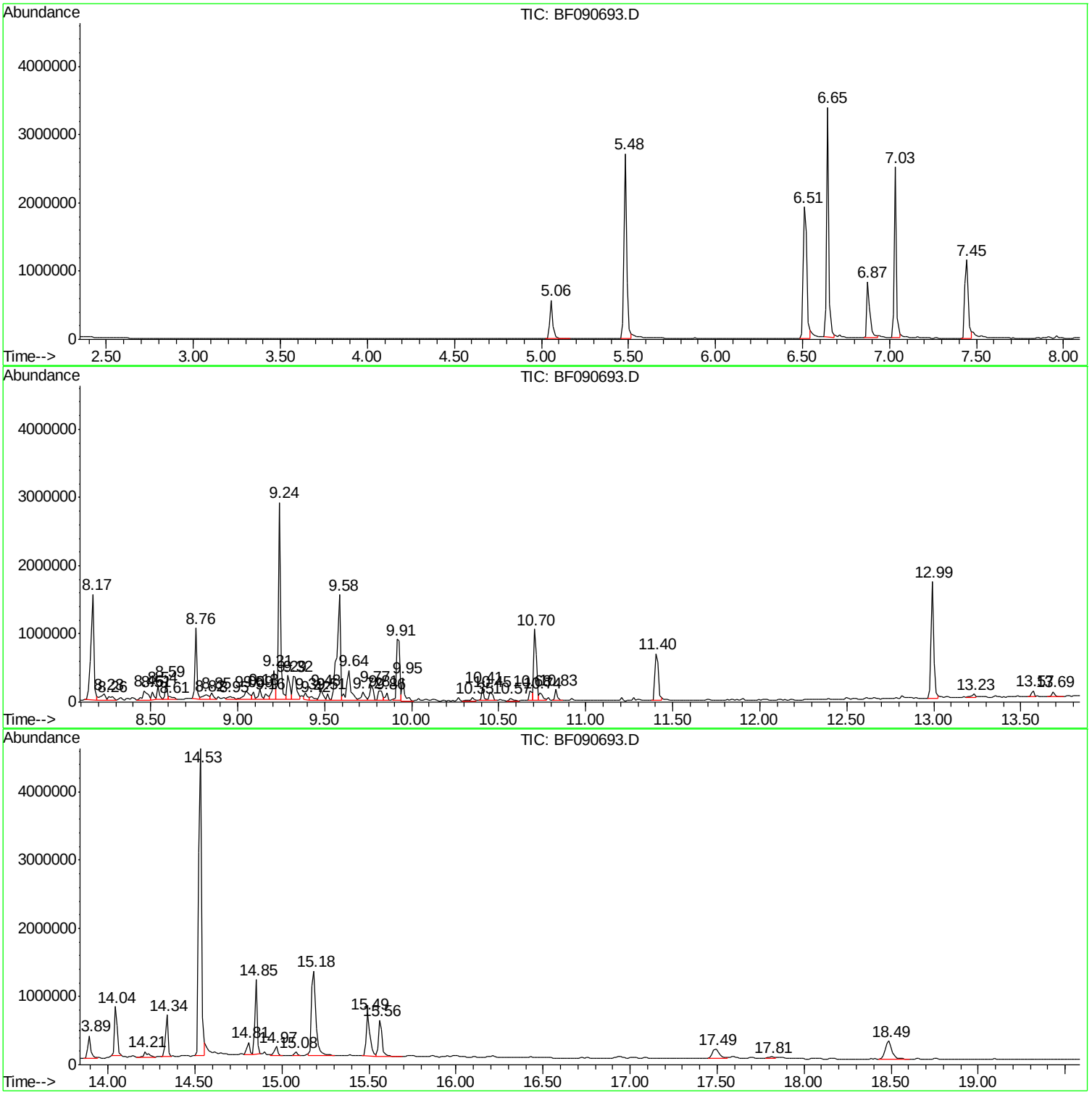
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
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Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

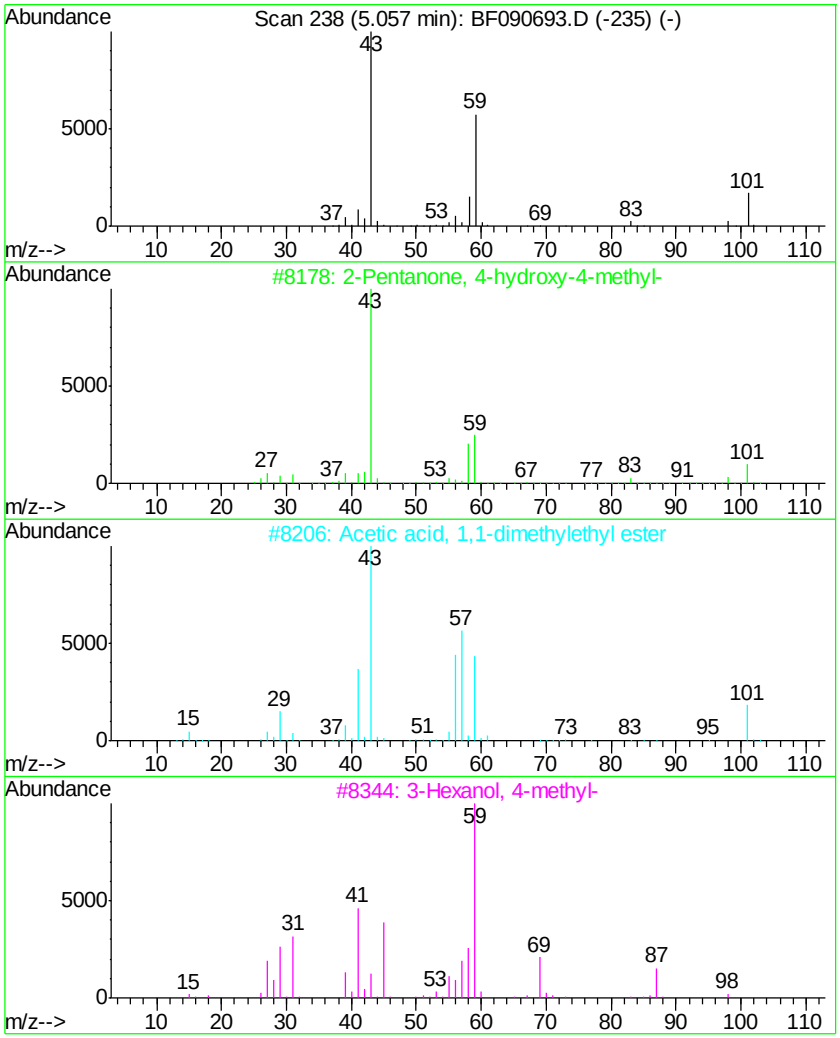
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

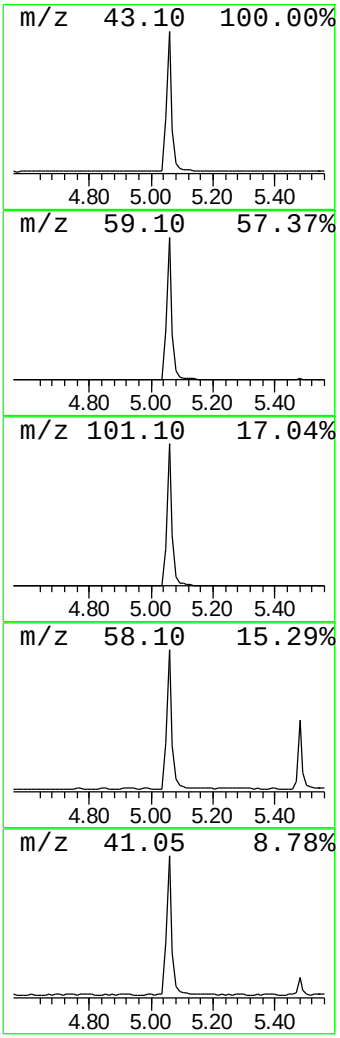
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	13.24 ng	679533	1,4-Dichlorobenzene-d4	6.87

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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

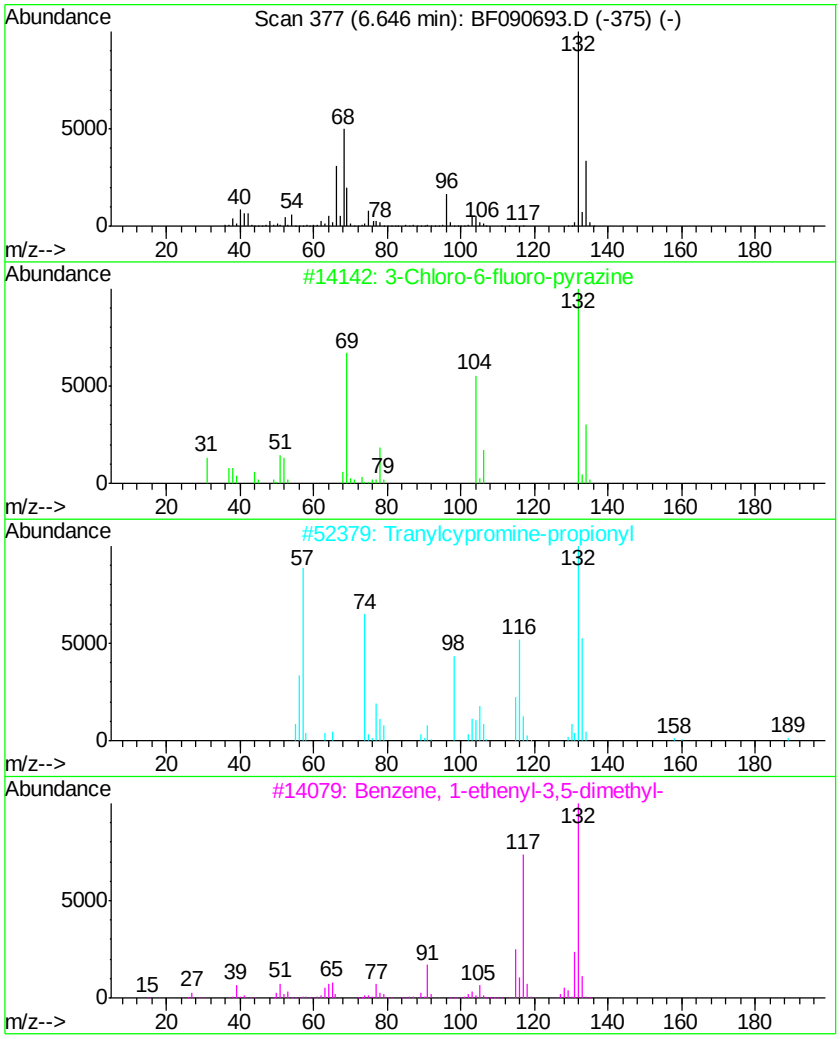
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

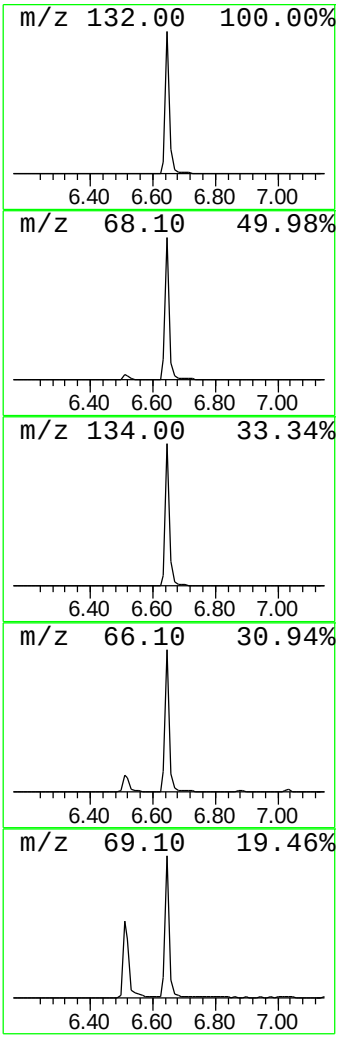
****

Peak Number 2 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	58.33 ng	2994660	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	Xenon	132	Xe	007440-63-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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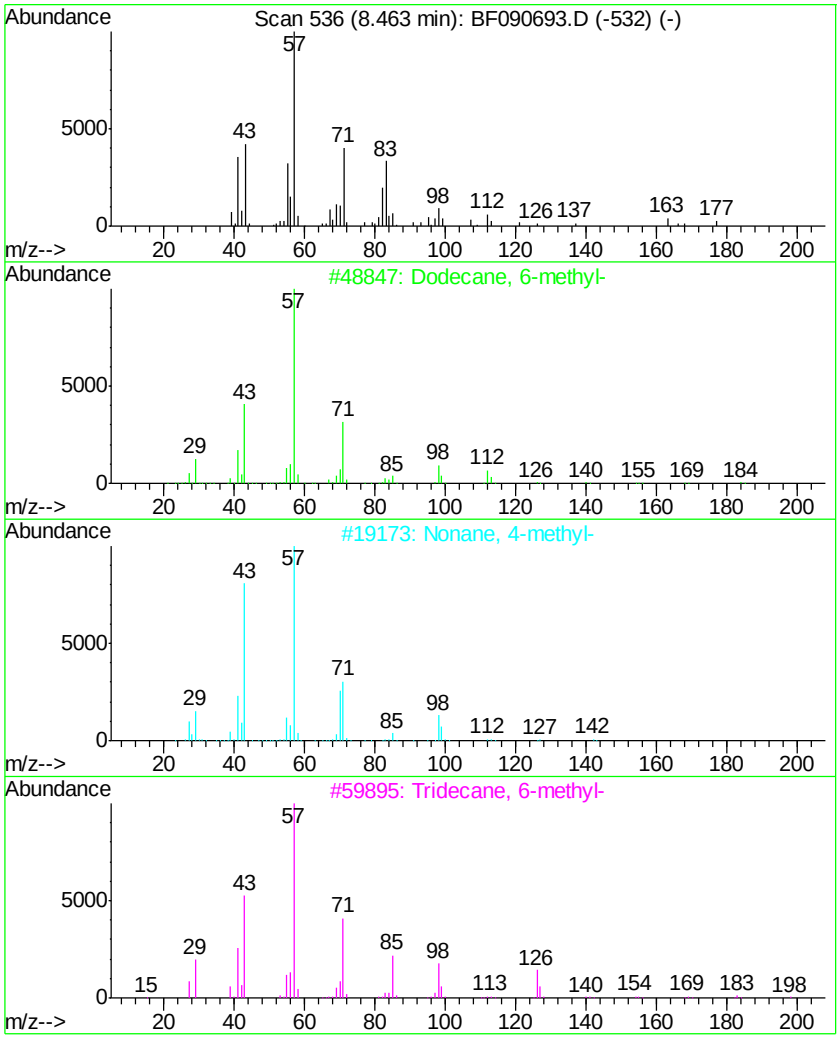
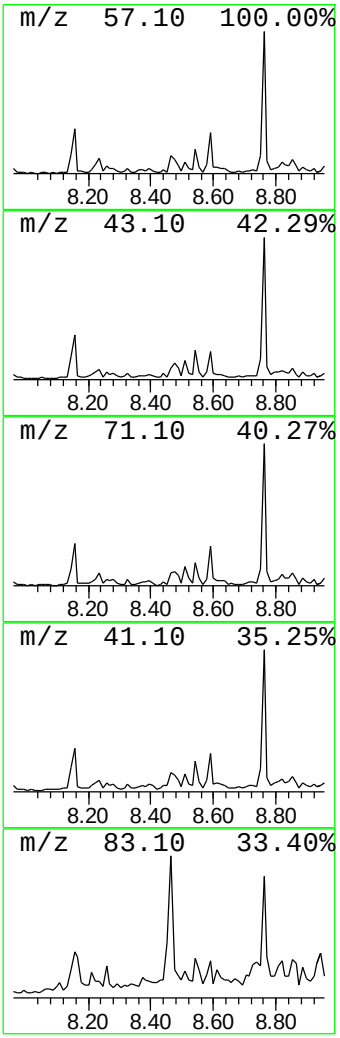
Peak Number 4 unknown8.46 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	3.34 ng	280837	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	47
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	43
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	43
5	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

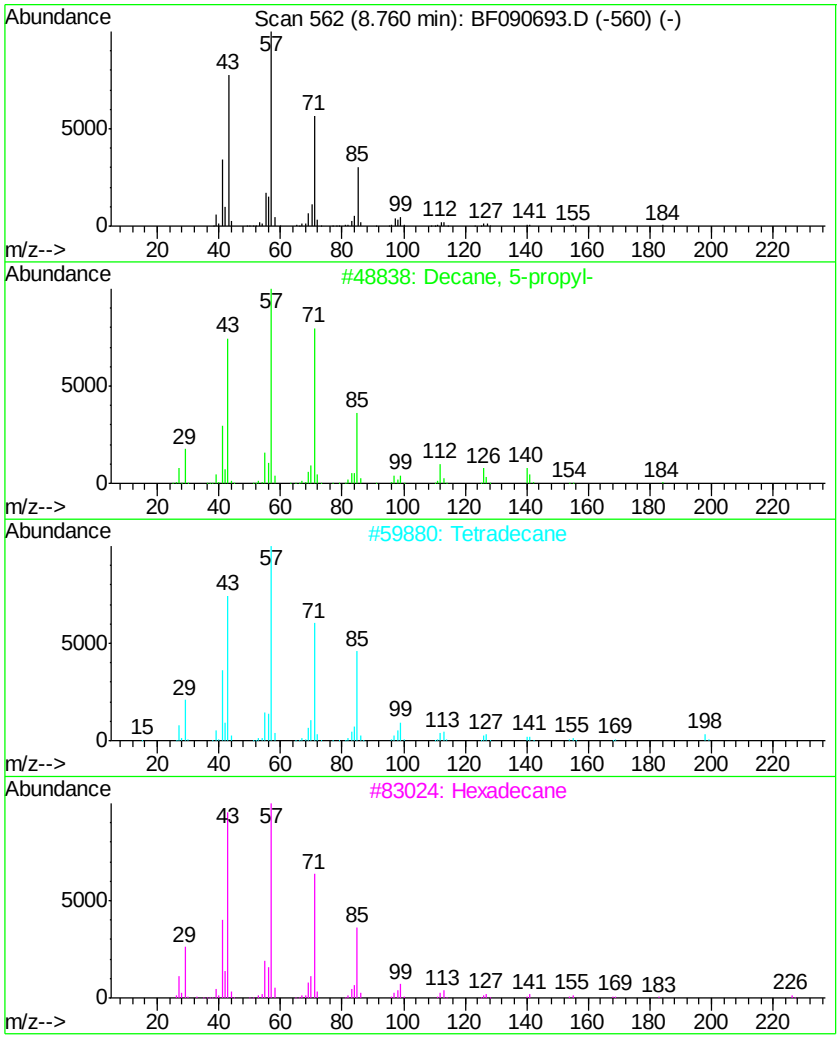
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

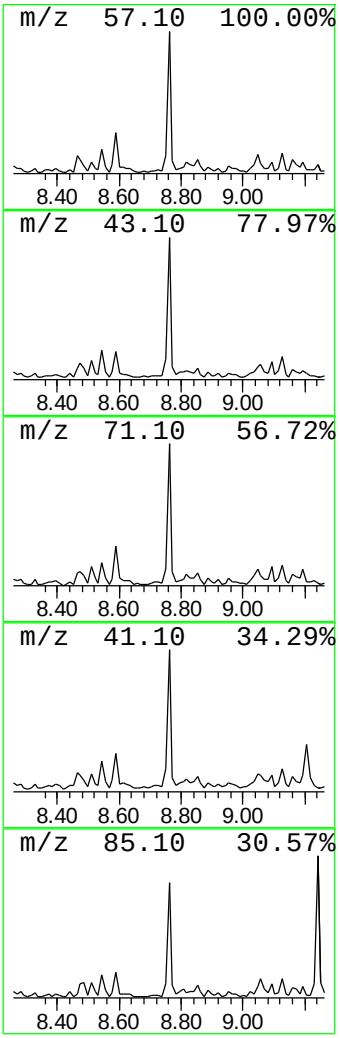
****

Peak Number 5 Decane, 5-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	10.27 ng	863424	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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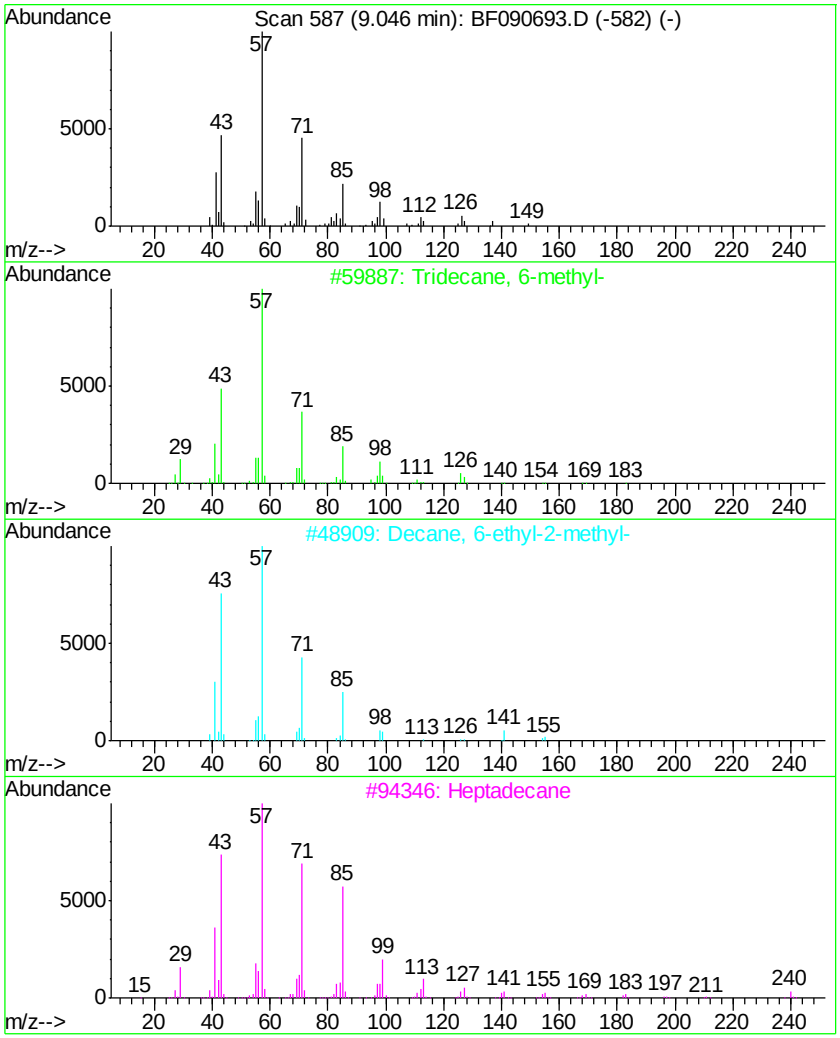
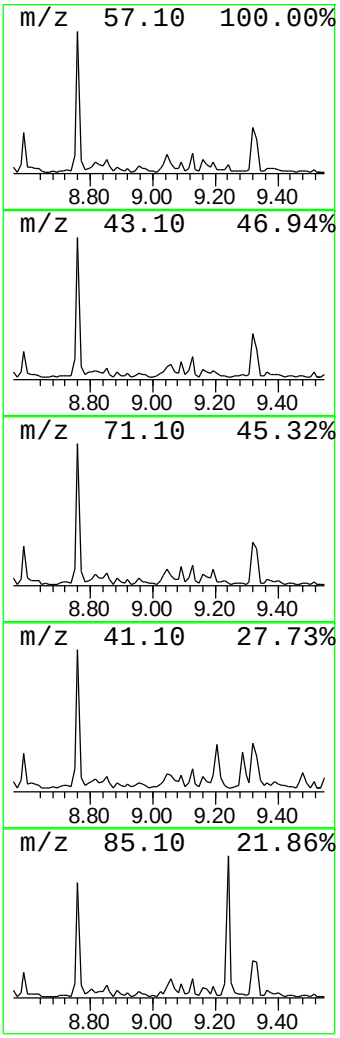
Peak Number 6 Tridecane, 6-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	3.43 ng	288491	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
3	Heptadecane	240	C17H36	000629-78-7	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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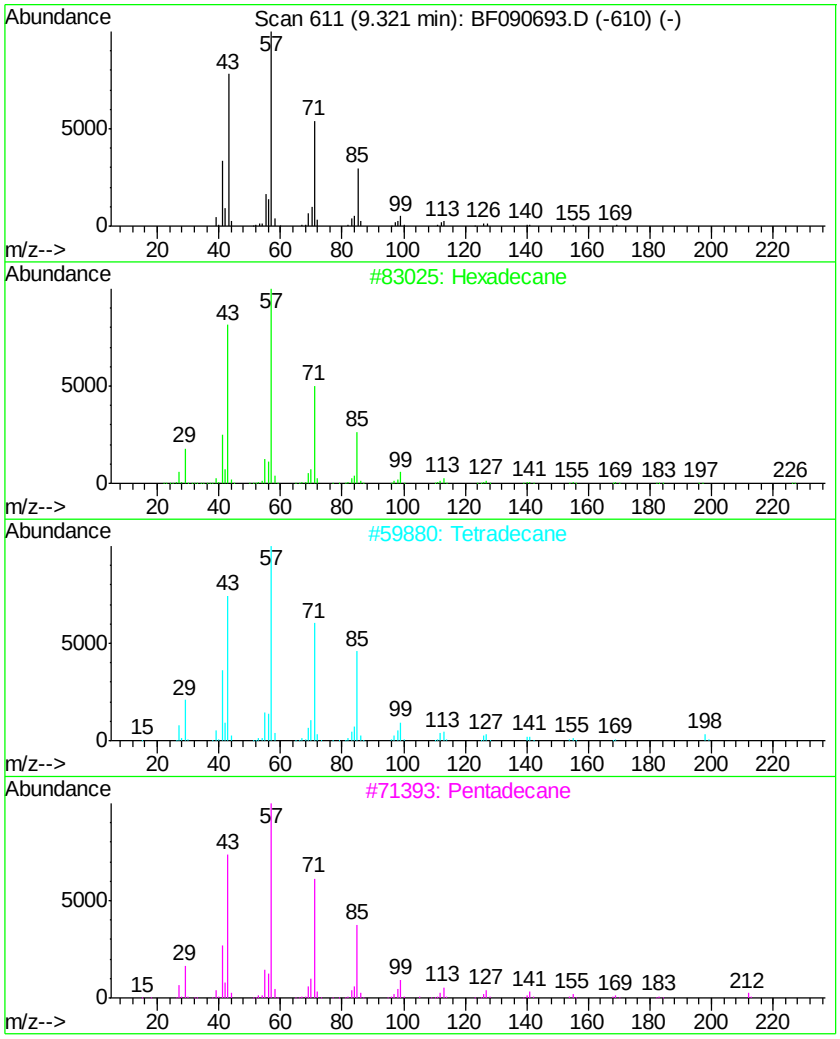
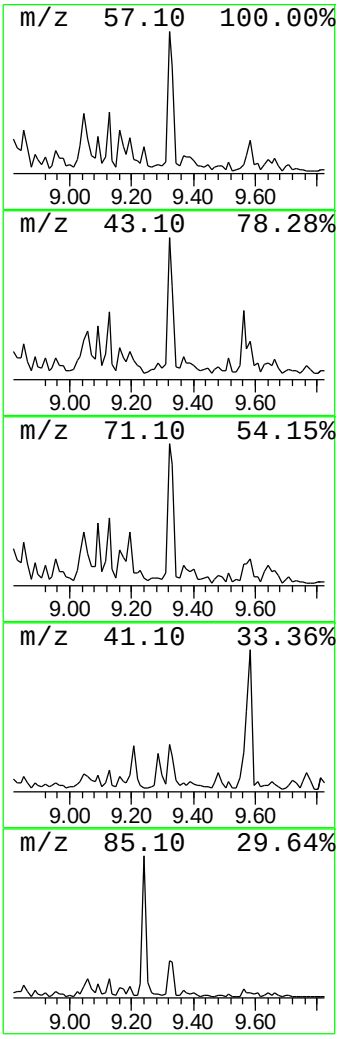
Peak Number 7 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	9.17 ng	594800	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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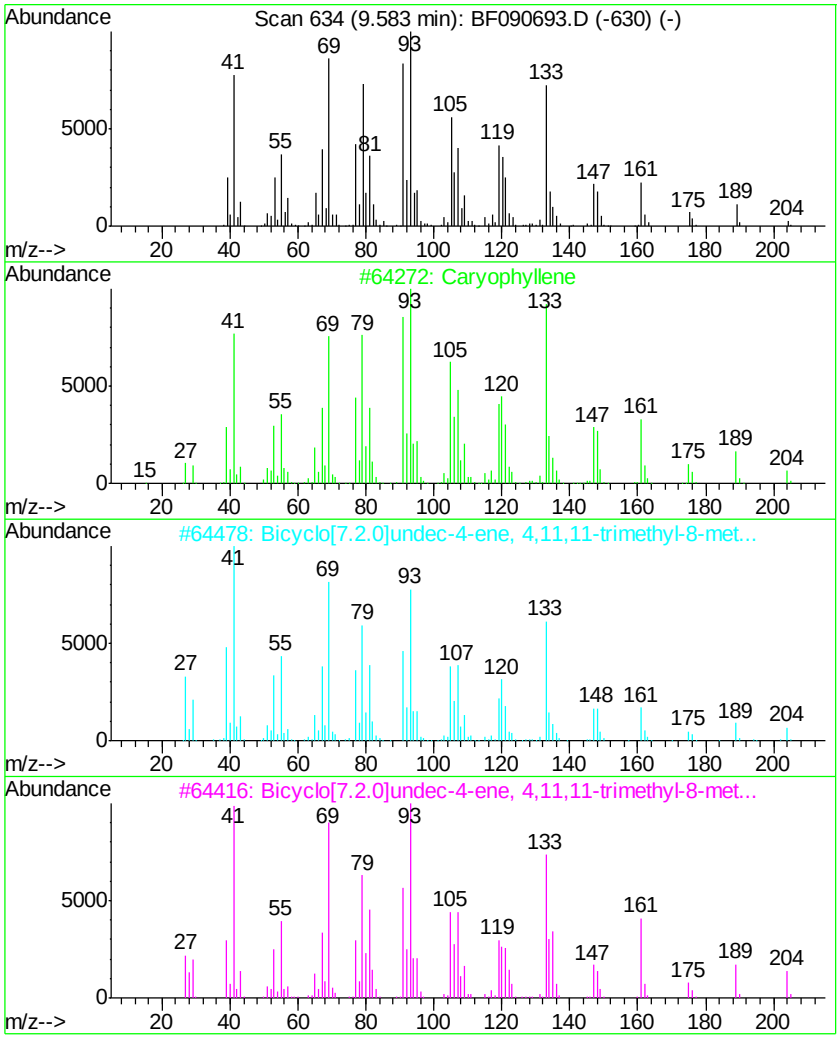
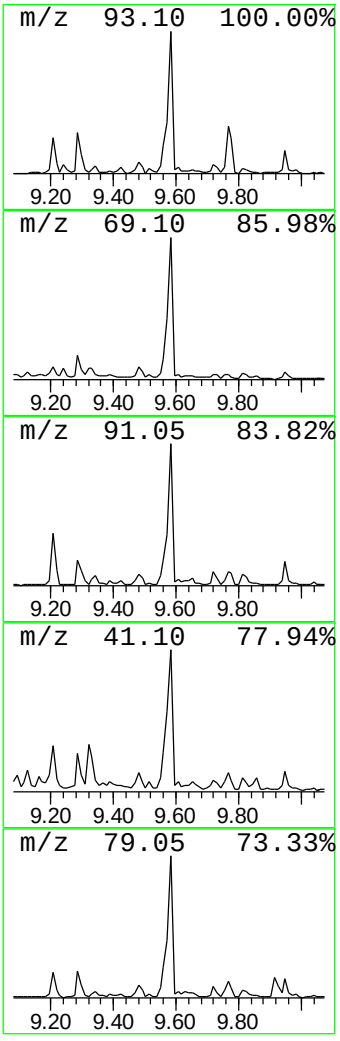
Peak Number 8 Caryophyllene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	30.74 ng	1995240	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	98
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	90
4	Alloaromadendrene	204	C15H24	025246-27-9	70
5	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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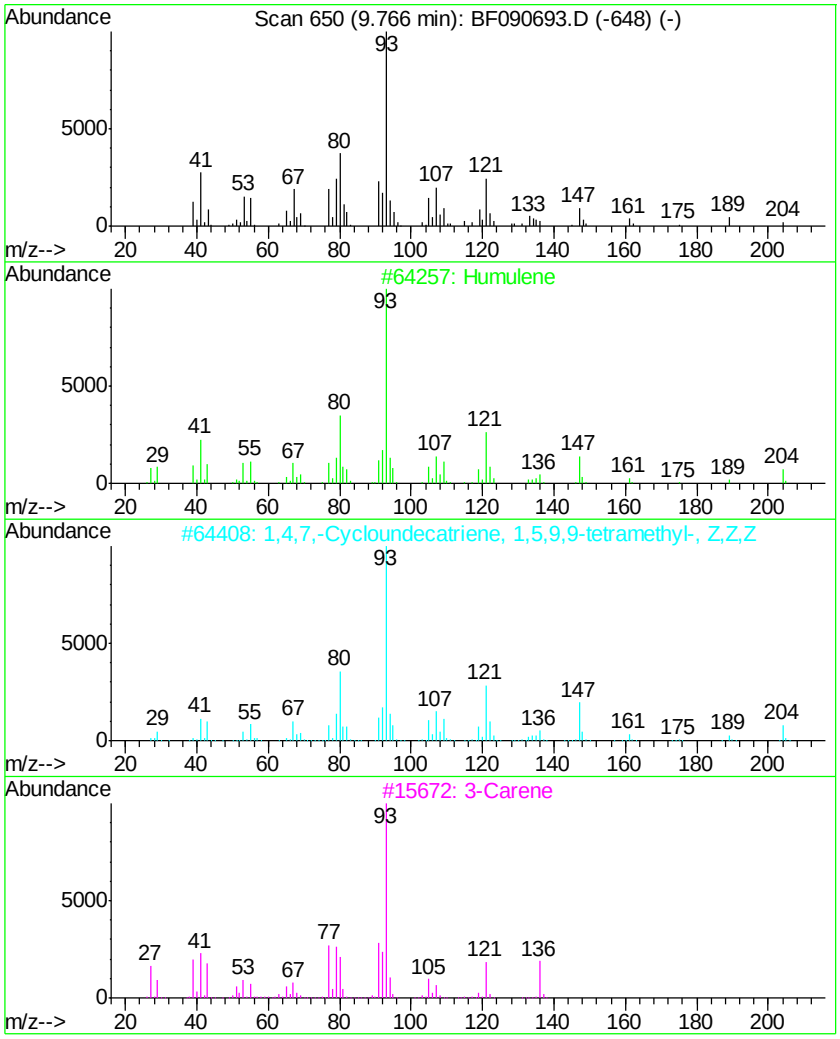
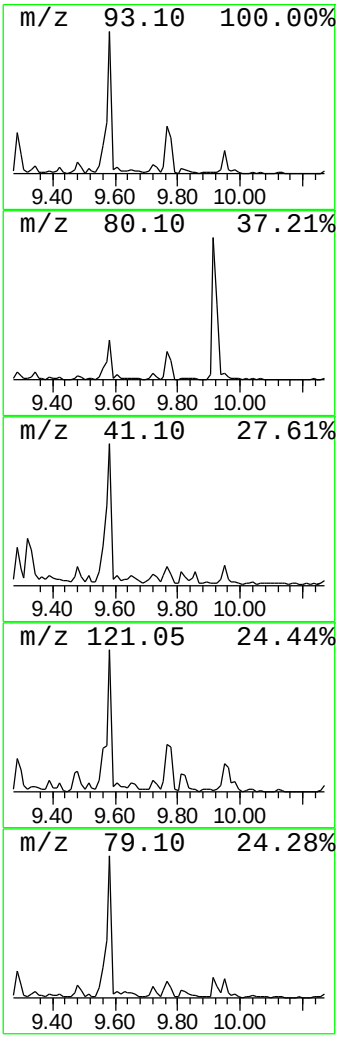
Peak Number 9 Humulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	4.91 ng	318344	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Humulene	204	C15H24	006753-98-6	95
2	1,4,7,-Cycloundecatriene, 1,5,9,...	204	C15H24	1000062-61-9	64
3	3-Carene	136	C10H16	013466-78-9	53
4	Chlorodimethylethylsilane	122	C4H11ClSi	006917-76-6	53
5	Linalyl acetate	196	C12H20O2	000115-95-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090693.D
Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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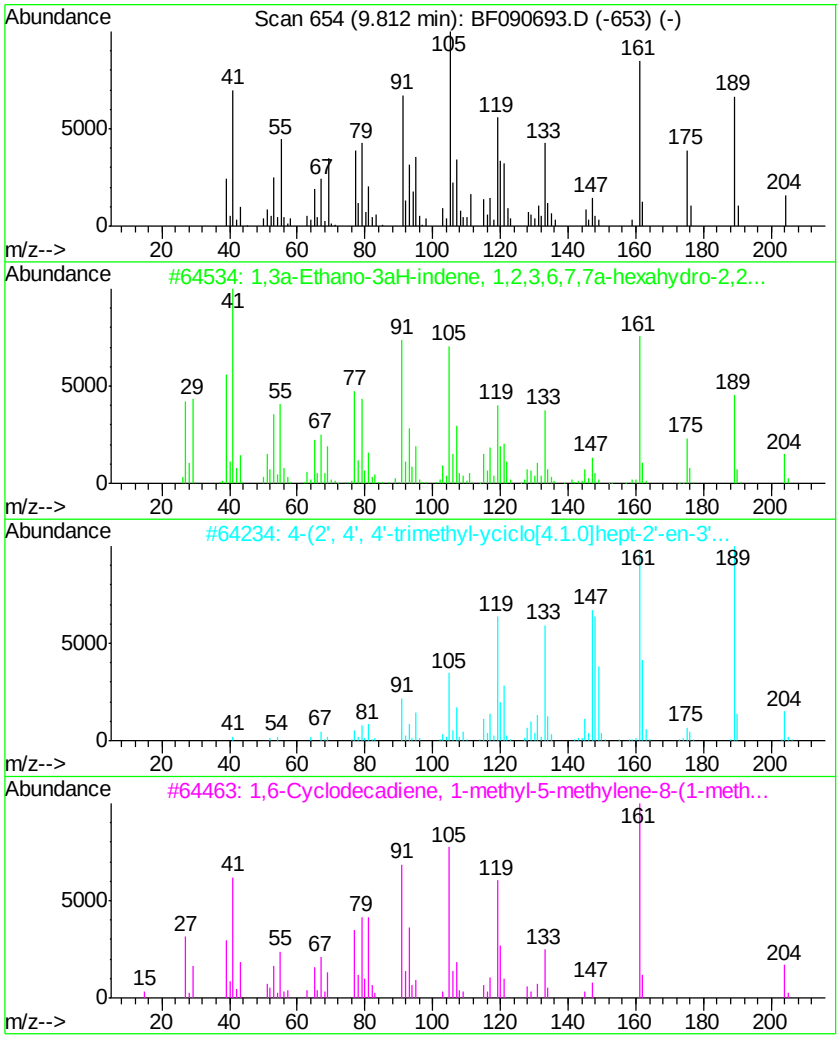
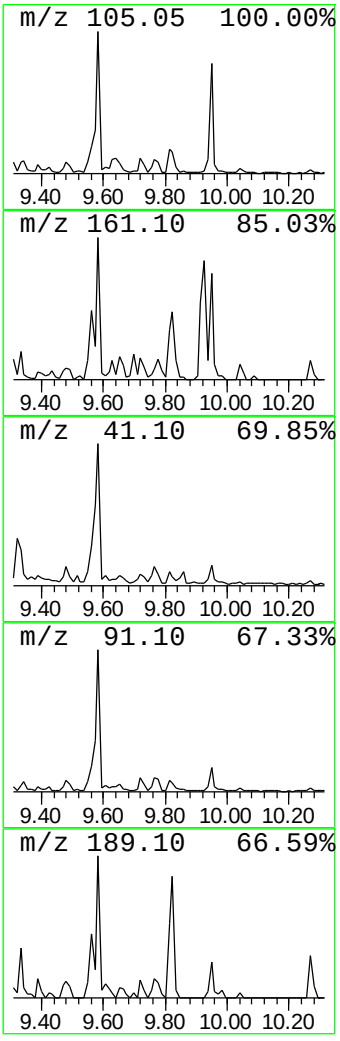
Peak Number 10 1,3a-Ethano-3aH-indene, 1,2... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.34 ng	216435	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	83
2	4-(2', 4', 4'-trimethyl-ycicloſ4...	204	C14H20O	1000373-94-4	62
3	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	50
4	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	46
5	Aromandendrene	204	C15H24	000489-39-4	42





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Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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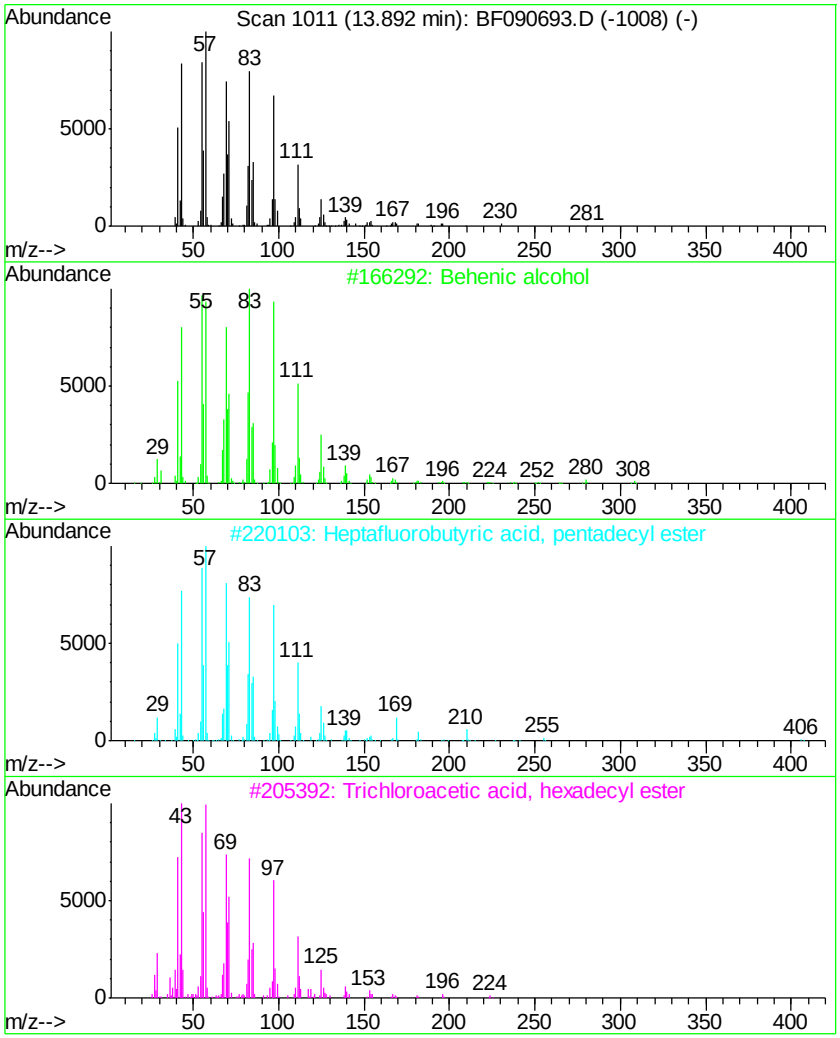
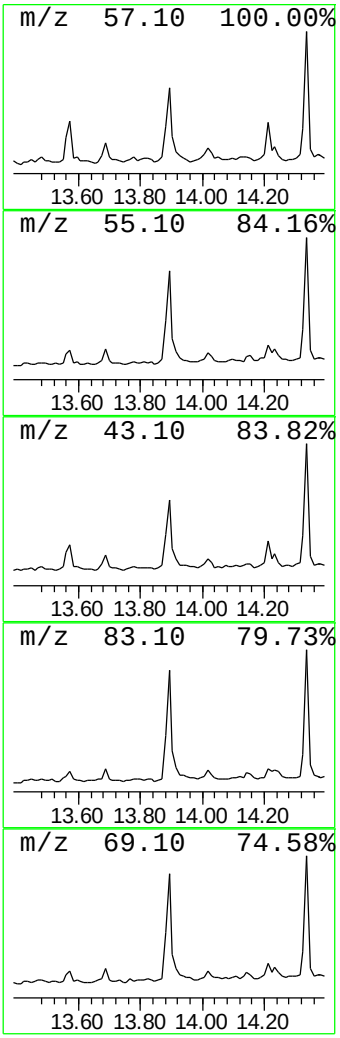
Peak Number 11 Behenic alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	9.92 ng	410673	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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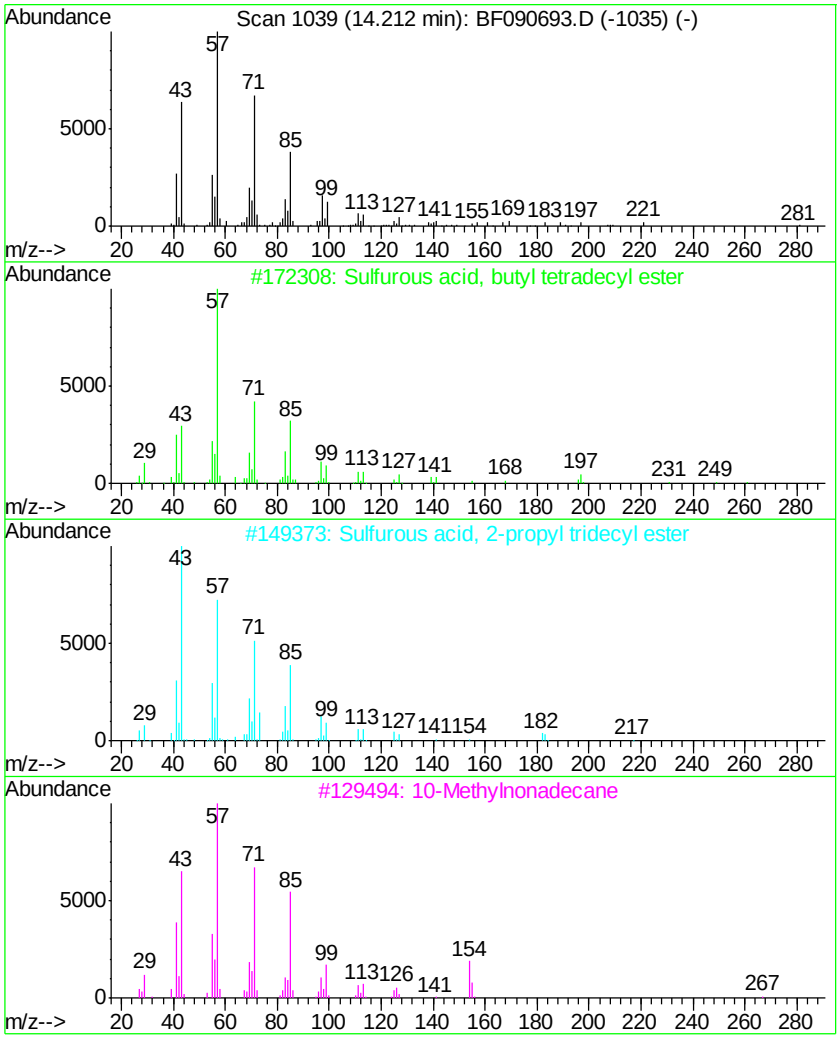
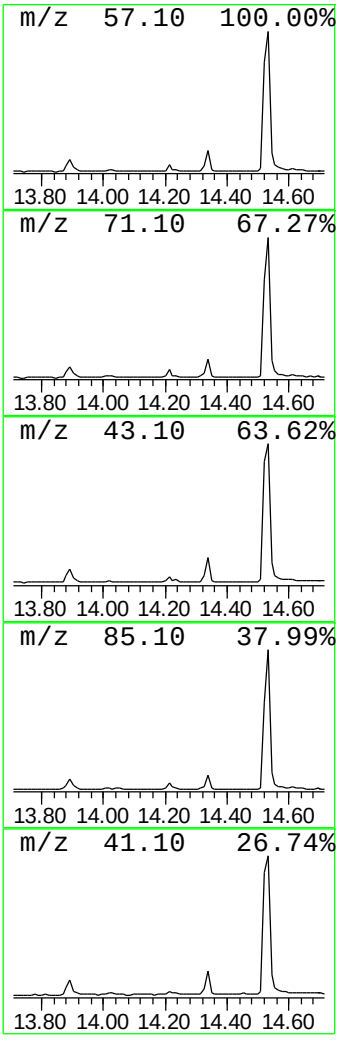
Peak Number 12 Sulfurous acid, butyl tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	4.34 ng	179585	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	90
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	90
3	10-Methylnonadecane	282	C20H42	056862-62-5	90
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Nonadecane	268	C19H40	000629-92-5	87





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Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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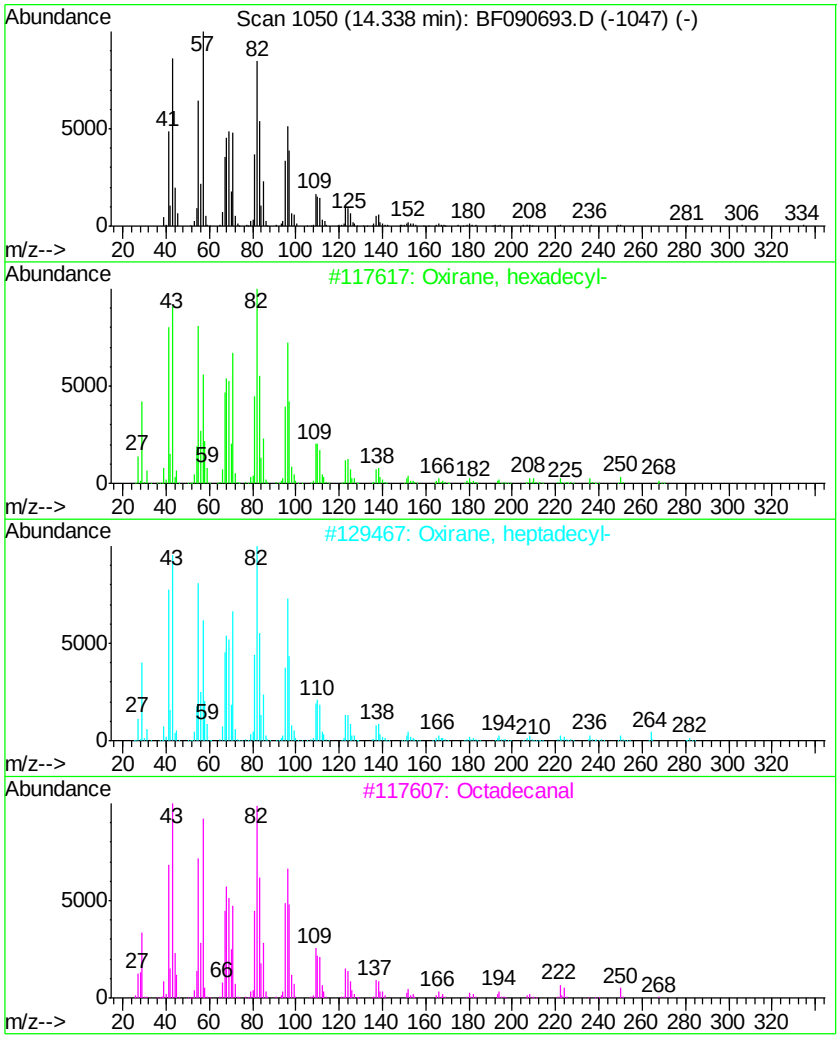
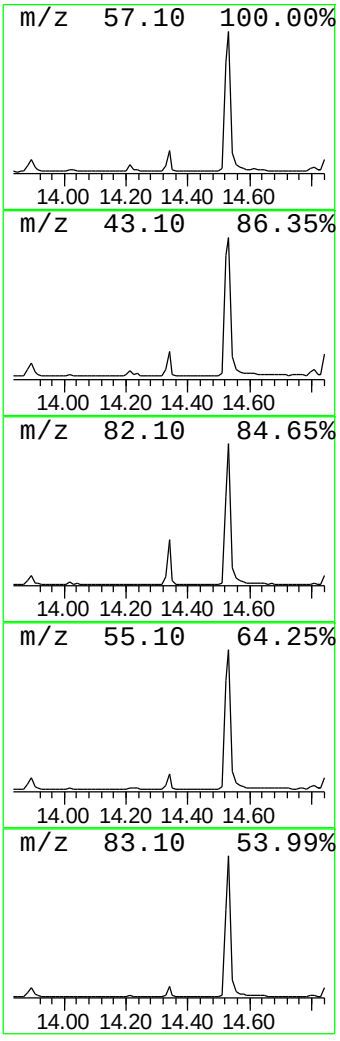
Peak Number 13 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	13.28 ng	550145	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Heptadecanal	254	C17H34O	1000376-70-0	91
5	Tetradecanal	212	C14H28O	000124-25-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
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Acq On : 20 Oct 2016 20:15
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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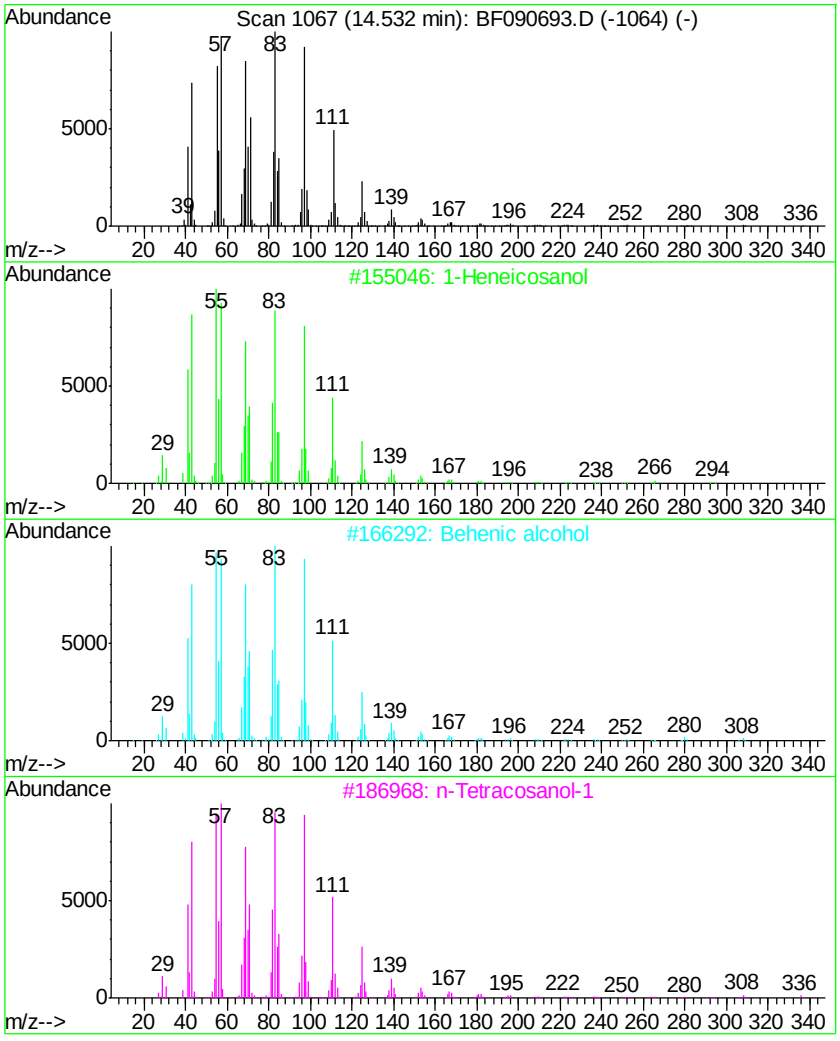
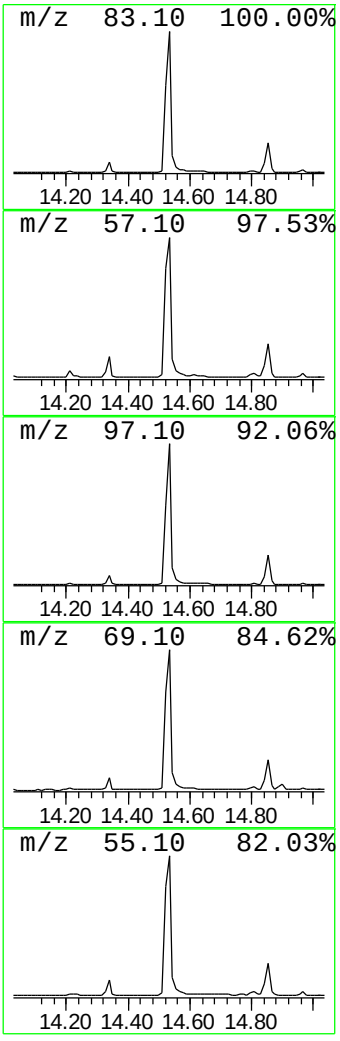
Peak Number 14 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	137.10 ng	5677570	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





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Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.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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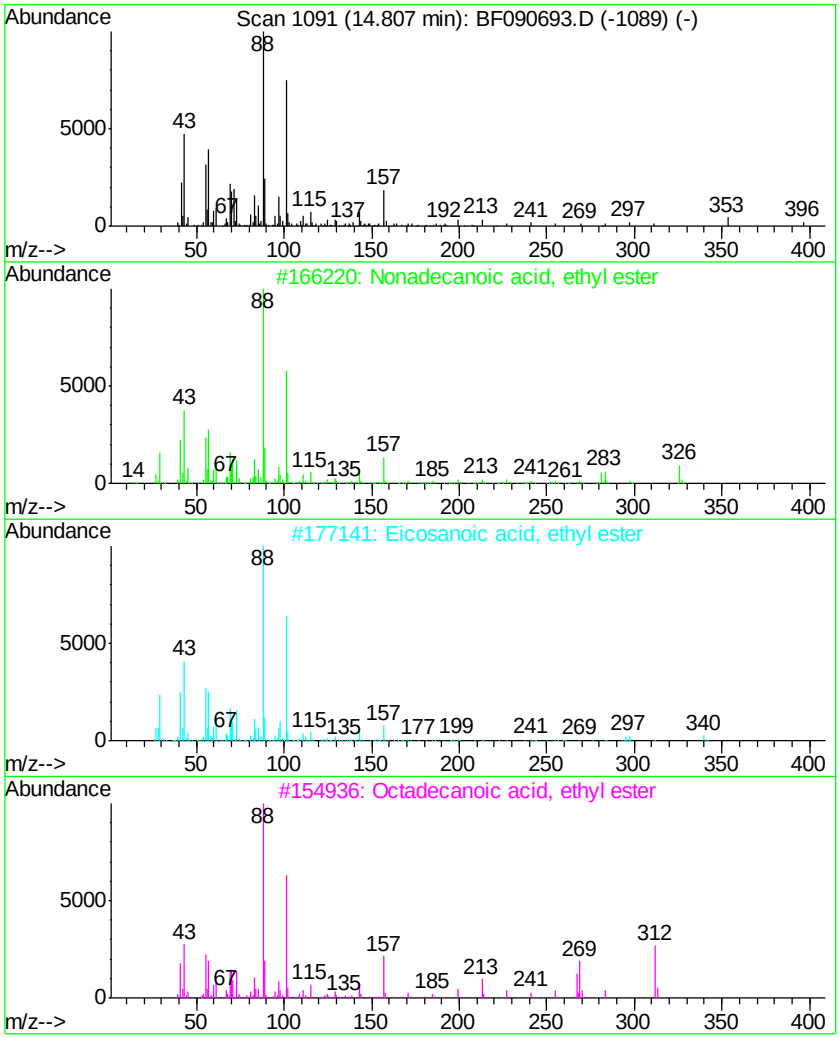
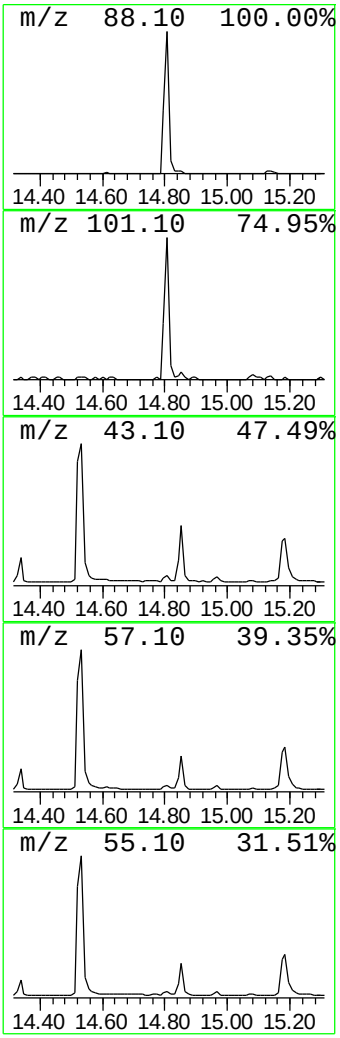
Peak Number 15 Nonadecanoic acid, ethyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.69 ng	216638	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	91
2	Eicosanoic acid, ethyl ester	340	C22H44O2	018281-05-5	80
3	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	64
4	Docosanoic acid, ethyl ester	368	C24H48O2	005908-87-2	47
5	Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	43





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Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
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TIC Library : C:\DATABASE\NIST11.L
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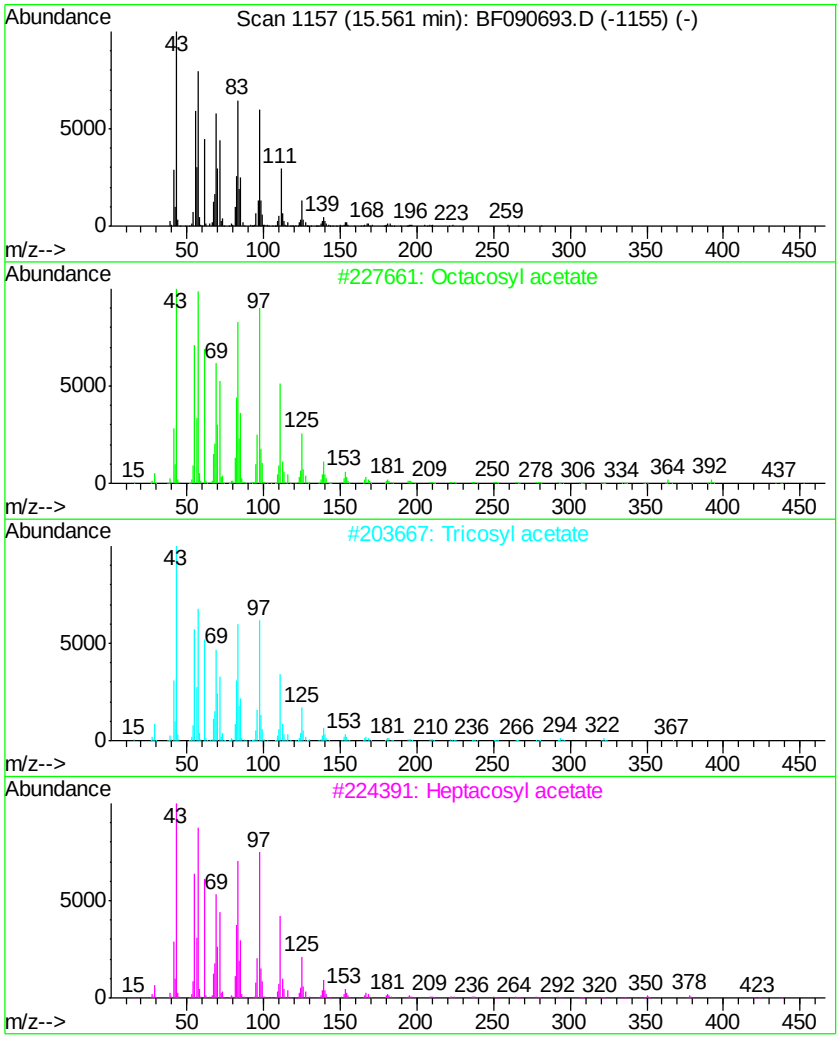
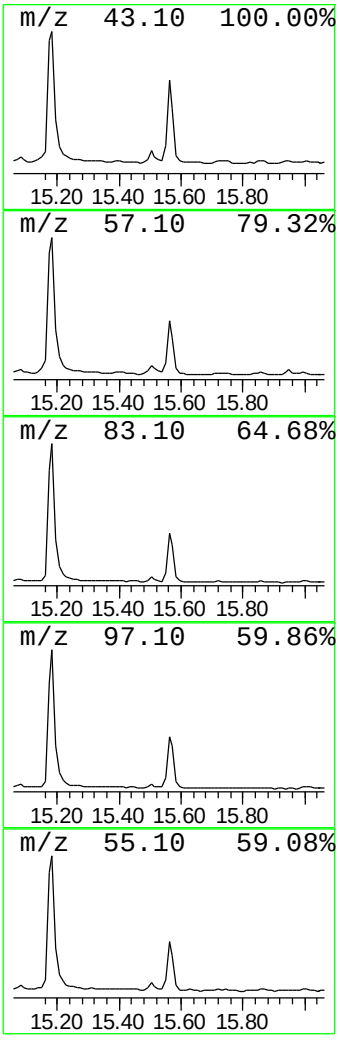
Peak Number 18 Octacosyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	17.93 ng	827725	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	94
2	Tricosyl acetate	382	C25H50O2	1000351-77-8	90
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	90
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5	Hexacosyl acetate	424	C28H56O2	000822-32-2	90





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Sample : H5343-05
Misc :
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Instrument : BNA_F
ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
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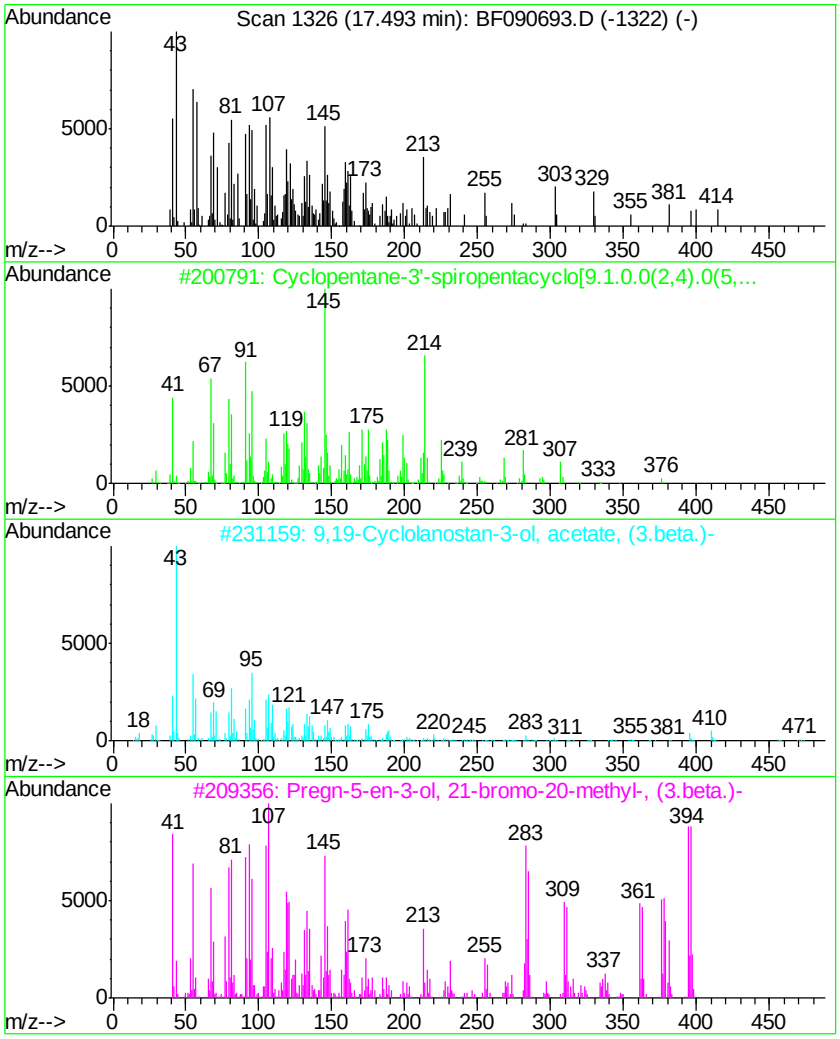
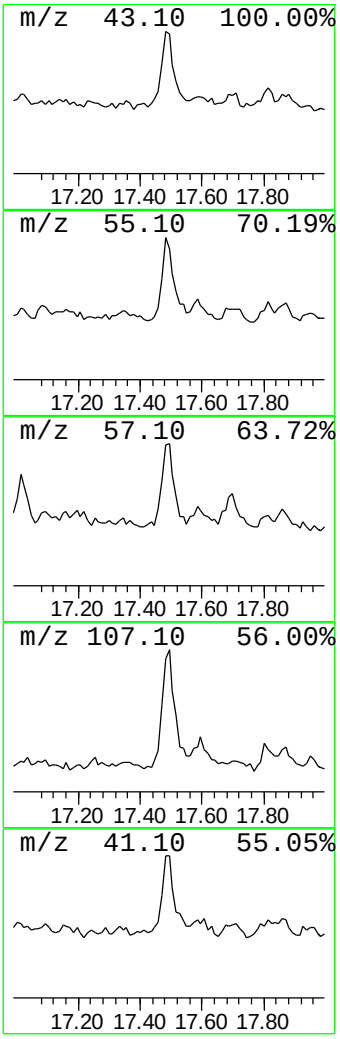
Peak Number 19 unknown17.49 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	7.90 ng	364764	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane-3'-spiropentacyclo[...	376	C28H40	1000150-19-8	27
2	9,19-Cyclolanostan-3-ol, acetate...	470	C32H54O2	004575-74-0	25
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	22
4	5.alpha.Androst-16-ol, 17-ethyli...	414	C27H42O3	1000124-58-6	22
5	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	15





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ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
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TIC Library : C:\DATABASE\NIST11.L
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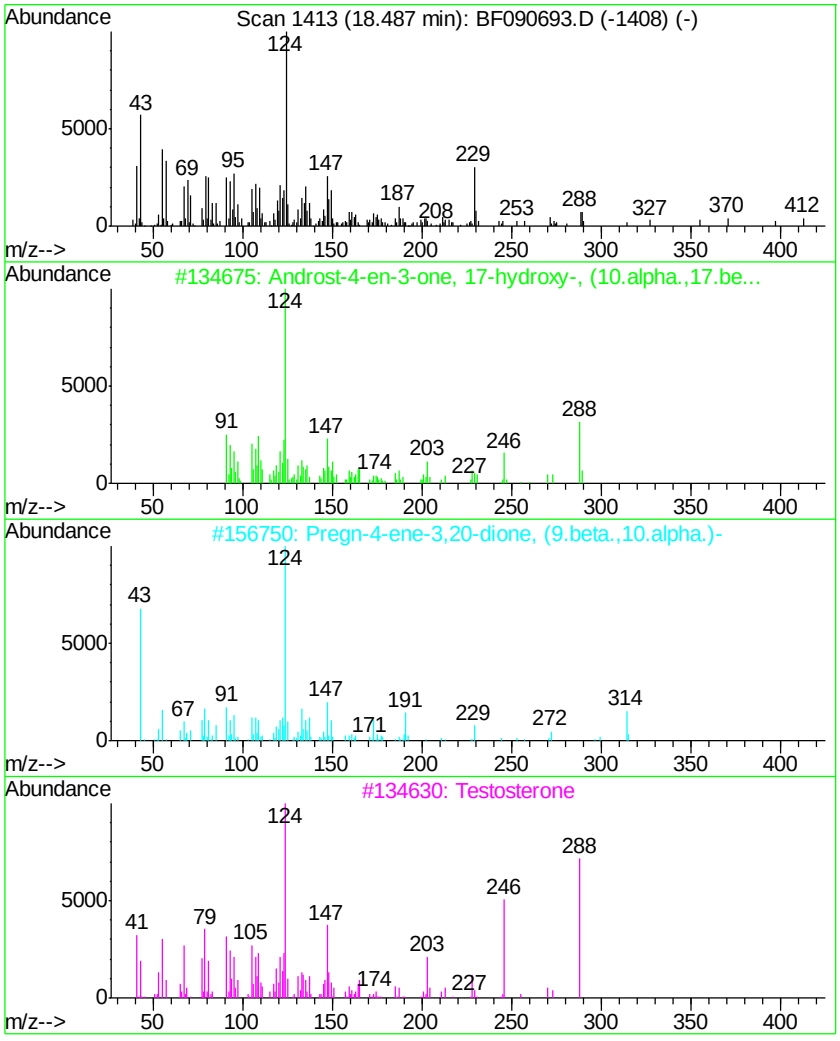
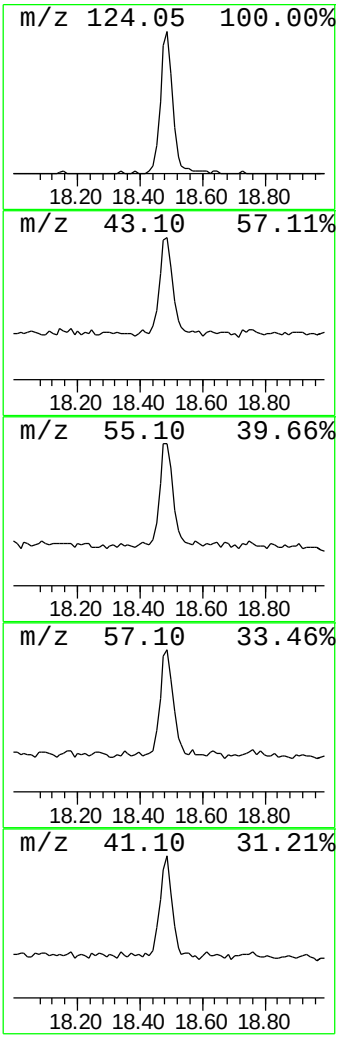
Peak Number 20 Androst-4-en-3-one, 17-hydr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	15.38 ng	710014	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	78
2	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	50
3	Testosterone	288	C19H28O2	000058-22-0	50
4	2,3-Diaminophenol	124	C6H8N2O	059649-56-8	49
5	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	007560-64-7	46





Tentatively Identified Compound (LSC) summary

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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...	5.06	13.2	ng	679533	1	6.87	1026820	20.0
unknown6.65	6.65	58.3	ng	2994660	1	6.87	1026820	20.0
unknown8.46	8.46	3.3	ng	280837	2	8.17	1681080	20.0
Decane, 5-propyl-	8.76	10.3	ng	863424	2	8.17	1681080	20.0
Tridecane, 6-methyl-	9.05	3.4	ng	288491	2	8.17	1681080	20.0
Hexadecane	9.32	9.2	ng	594800	3	9.93	1297940	20.0
Caryophyllene	9.58	30.7	ng	1995240	3	9.93	1297940	20.0
Humulene	9.77	4.9	ng	318344	3	9.93	1297940	20.0
1,3a-Ethano-3aH-i...	9.81	3.3	ng	216435	3	9.93	1297940	20.0
Behenic alcohol	13.89	9.9	ng	410673	5	14.04	828261	20.0
Sulfurous acid, b...	14.21	4.3	ng	179585	5	14.04	828261	20.0
Oxirane, hexadecyl-	14.34	13.3	ng	550145	5	14.04	828261	20.0
1-Heneicosanol	14.53	137.1	ng	5677570	5	14.04	828261	20.0
Nonadecanoic acid...	14.81	4.7	ng	216638	6	15.49	923417	20.0
Octacosyl acetate	15.56	17.9	ng	827725	6	15.49	923417	20.0
unknown17.49	17.49	7.9	ng	364764	6	15.49	923417	20.0
Androst-4-en-3-on...	18.49	15.4	ng	710014	6	15.49	923417	20.0