LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090774.D
Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 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-BF102116.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	5.046	234	237	244	rBV	575573	728427	14.02%	1.335%
2	5.469	271	274	276	rBV	2732560	3229966	62.15%	5.919%
3	6.486	361	363	366	rBV	2087798	2904814	55.89%	5.323%
4	6.623	372	375	377	rBV	3541713	3474314	66.85%	6.367%
5	6.852	393	395	404	rBV	1252288	1360300	26.17%	2.493%
6	7.012	406	409	411	rBV	2456737	2587601	49.79%	4.742%
7	7.412	442	444	447	rBV	1223698	1726817	33.23%	3.164%
8	8.143	504	508	510	rBV	1328888	2034014	39.14%	3.727%
9	8.200	510	513	515	rVB	70953	133087	2.56%	0.244%
10	8.440	530	534	537	rBV2	144862	319550	6.15%	0.586%
11	8.486	537	538	539	rVV	110998	82645	1.59%	0.151%
12	8.520	539	541	543	rVB	182859	170214	3.28%	0.312%
13	8.566	543	545	547	rBV	220011	259814	5.00%	0.476%
14	8.737	557	560	562	rBV	843590	865333	16.65%	1.586%
15	8.795	562	565	566	rVV3	67027	152107	2.93%	0.279%
16	8.829	566	568	570	rVB	88043	110477	2.13%	0.202%
17	8.932	575	577	580	rVB2	41130	72552	1.40%	0.133%
18	9.035	582	586	588	rBV3	108193	301145	5.79%	0.552%
19	9.069	588	589	590	rVB	76655	52547	1.01%	0.096%
20	9.103	590	592	594	rBV	108206	129812	2.50%	0.238%
21	9.137	594	595	596	rBV	104235	84686	1.63%	0.155%
22	9.183	596	599	600	rBV2	494503	547575	10.54%	1.003%
23	9.217	600	602	604	rVB	3475386	3176432	61.12%	5.821%
24	9.263	604	606	608	rBV	508840	427191	8.22%	0.783%
25	9.297	608	609	612	rVB	503830	537736	10.35%	0.985%
26	9.366	612	615	620	rVB5	91569	250042	4.81%	0.458%
27	9.458	620	623	624	rBV	208922	249743	4.81%	0.458%
28	9.492	624	626	627	rVB	90176	90491	1.74%	0.166%
29	9.549	627	631	633	rBV2	1674387	2503833	48.18%	4.588%
30	9.606	635	636	641	rVB	615929	804979	15.49%	1.475%
31	9.698	641	644	646	rBV3	88117	154584	2.97%	0.283%
32	9.743	646	648	650	rVB	362872	400871	7.71%	0.735%
33	9.789	650	652	654	rBV	311256	306438	5.90%	0.562%
34	9.823	654	655	657	rVB2	103671	112121	2.16%	0.205%

LSC Area Percent Report

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Data File : BF090774.D
Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 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-BF102116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.892	657	661	663	rBV	2234586	2211310	42.55%	4.052%
36	10.018	669	672	673	rBV2	48618	55285	1.06%	0.101%
37	10.098	677	679	682	rVB3	47309	57288	1.10%	0.105%
38	10.246	690	692	693	rVB	47855	52055	1.00%	0.095%
39	10.326	698	699	702	rVV	61252	71788	1.38%	0.132%
40	10.372	702	703	706	rVV	171960	236520	4.55%	0.433%
41	10.429	706	708	710	rVB	238979	205522	3.95%	0.377%
42	10.543	716	718	721	rBV	43055	68845	1.32%	0.126%
43	10.681	724	730	732	rBV	2132557	2361855	45.45%	4.328%
44	10.749	735	736	739	rVV	40918	64051	1.23%	0.117%
45	10.806	739	741	745	rVB	141363	213438	4.11%	0.391%
46	11.183	771	774	776	rVB2	42739	62641	1.21%	0.115%
47	11.252	777	780	781	rBV	40705	55733	1.07%	0.102%
48	11.378	788	791	793	rBV	1842859	1748002	33.64%	3.203%
49	11.812	824	829	830	rBV3	25569	56461	1.09%	0.103%
50	12.235	863	866	871	rBV3	22104	52598	1.01%	0.096%
51	12.589	894	897	898	rBV	37999	55373	1.07%	0.101%
52	12.966	927	930	932	rBV	2043947	2615695	50.33%	4.793%
53	13.195	947	950	952	rBV	55645	75079	1.44%	0.138%
54	13.321	958	961	966	rVB	40230	84022	1.62%	0.154%
55	13.538	978	980	984	rBV2	35689	59938	1.15%	0.110%
56	13.652	988	990	995	rVB	52950	83555	1.61%	0.153%
57	13.858	1006	1008	1015	rVB	339160	446308	8.59%	0.818%
58	14.018	1019	1022	1024	rBV	797633	1064472	20.48%	1.951%
59	14.212	1036	1039	1042	rVB	40452	76195	1.47%	0.140%
60	14.304	1045	1047	1049	rVV	447578	426856	8.21%	0.782%
61	14.498	1061	1064	1078	rBV	4676898	5196948	100.00%	9.523%
62	14.772	1086	1088	1090	rBV	197541	196718	3.79%	0.360%
63	14.818	1090	1092	1095	rVV	1015228	975065	18.76%	1.787%
64	14.932	1100	1102	1104	rVB	66135	72933	1.40%	0.134%
65	15.138	1118	1120	1131	rVB	1346612	1867718	35.94%	3.423%
66	15.447	1145	1147	1151	rBV	735180	1139258	21.92%	2.088%
67	15.527	1151	1154	1162	rVB	410173	701245	13.49%	1.285%
68	16.418	1230	1232	1238	rVB	27167	61328	1.18%	0.112%
69	16.864	1267	1271	1275	rBV3	42584	117003	2.25%	0.214%
70	17.413	1315	1319	1325	rBV	150136	397304	7.64%	0.728%
71	17.515	1325	1328	1333	rVB6	24286	69411	1.34%	0.127%

LSC Area Percent Report

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Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 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-BF102116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.733	1343	1347	1350	rBV2	29173	76248	1.47%	0.140%
73	18.396	1400	1405	1416	rBV	300311	796883	15.33%	1.460%

Sum of corrected areas: 54571205

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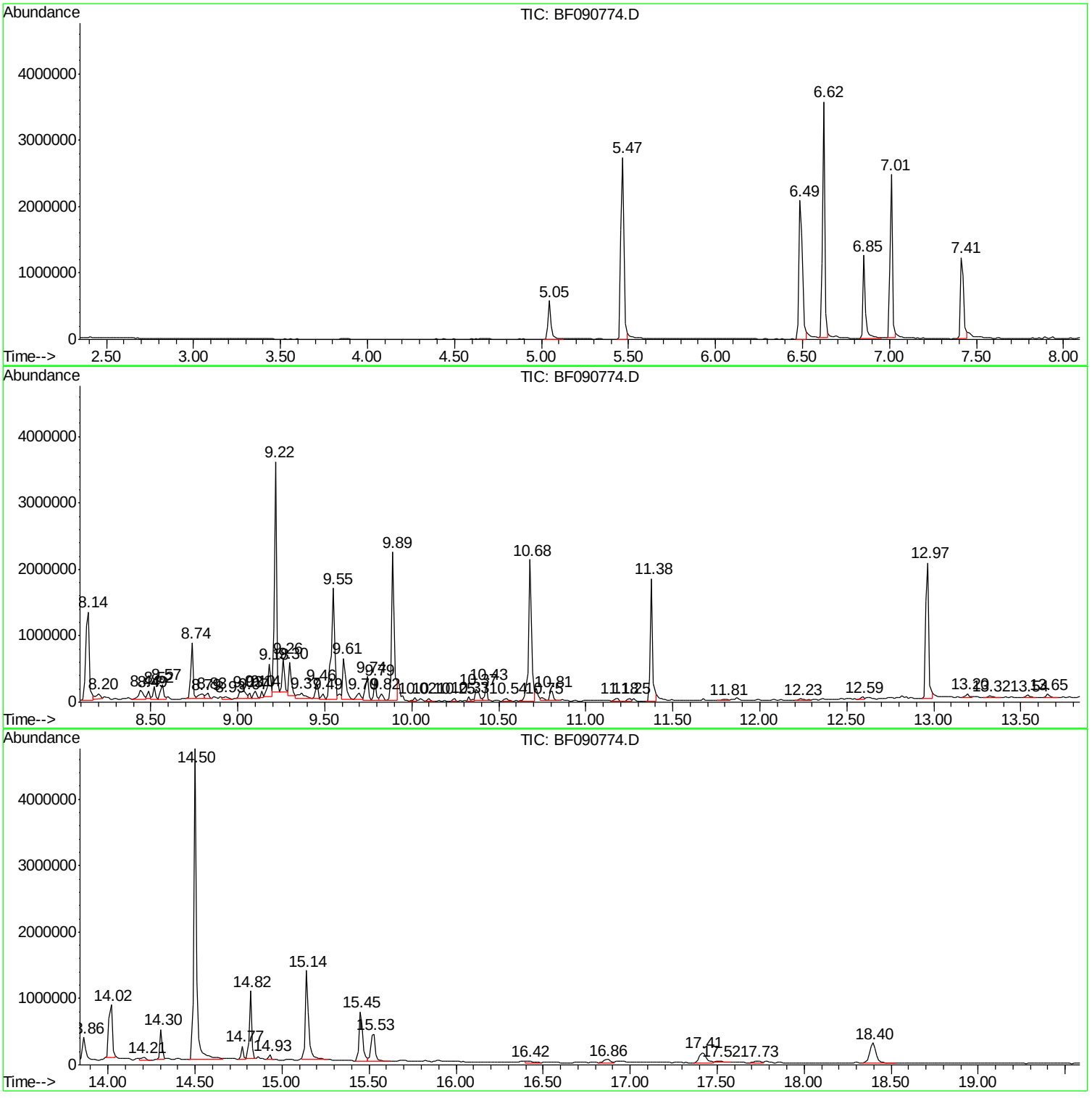
Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090774.D
Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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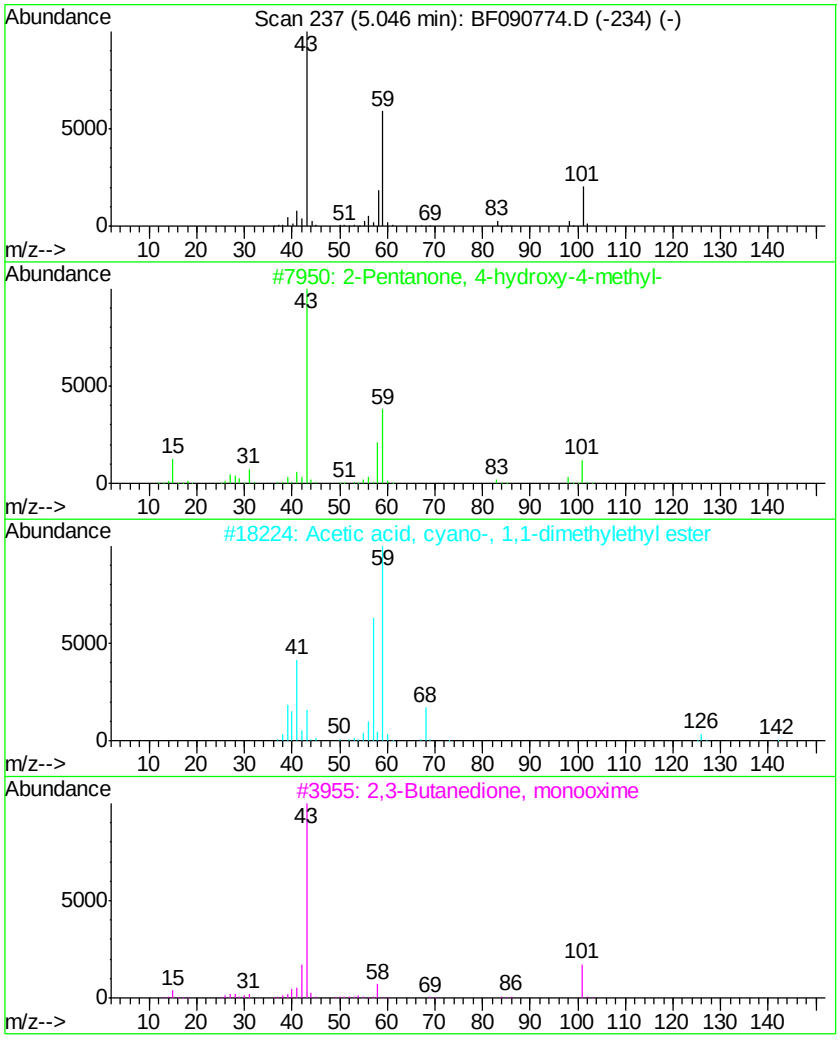
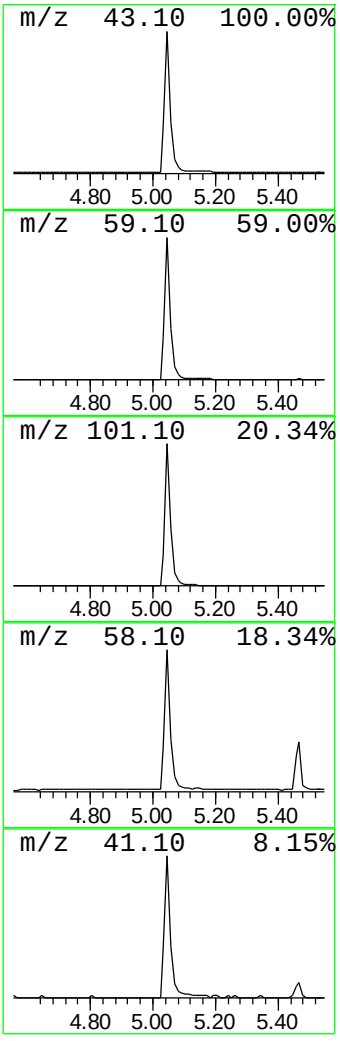
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	10.71 ng	728427	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090774.D
Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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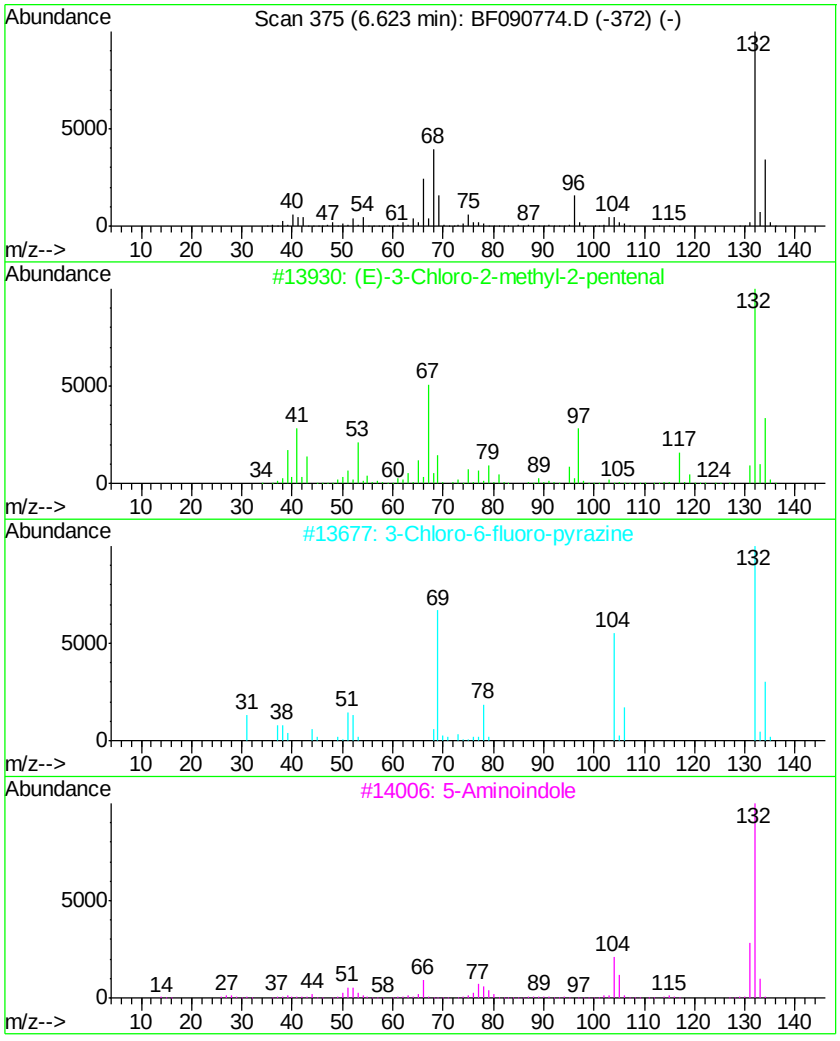
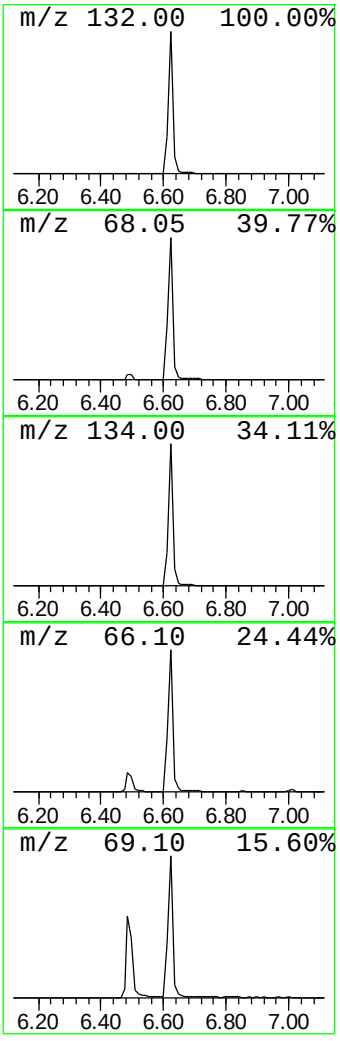
****

Peak Number 2 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	51.08 ng	3474310	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
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Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

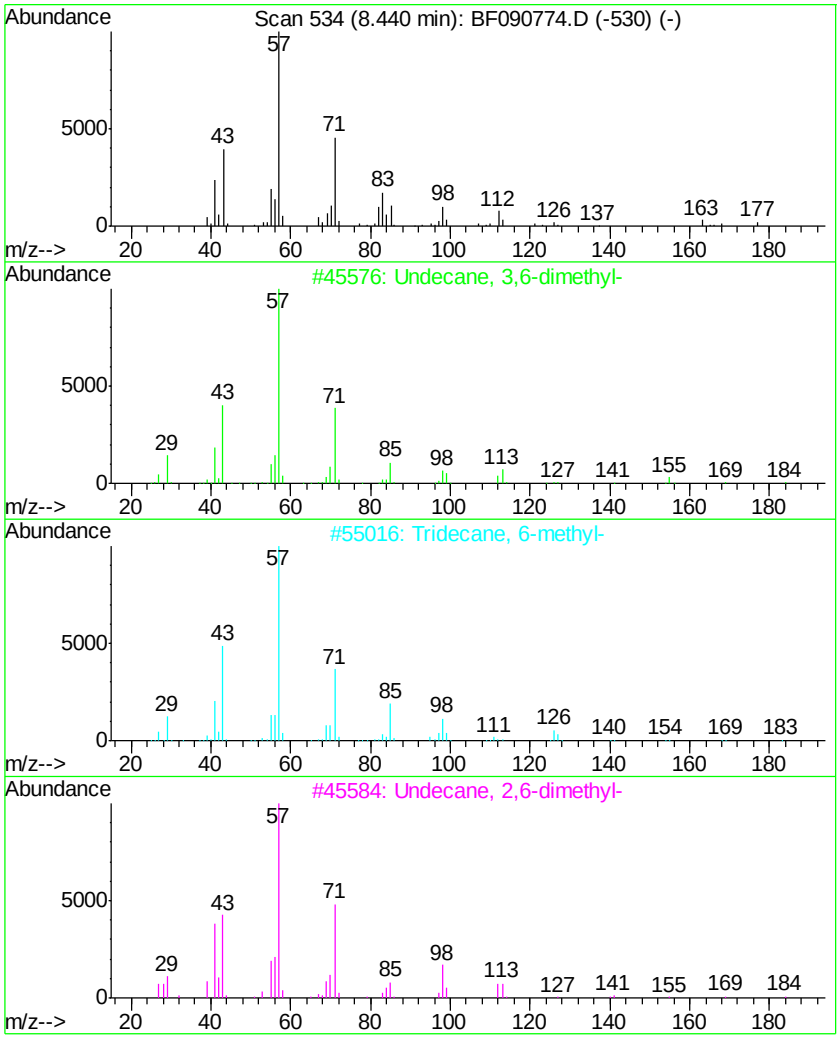
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

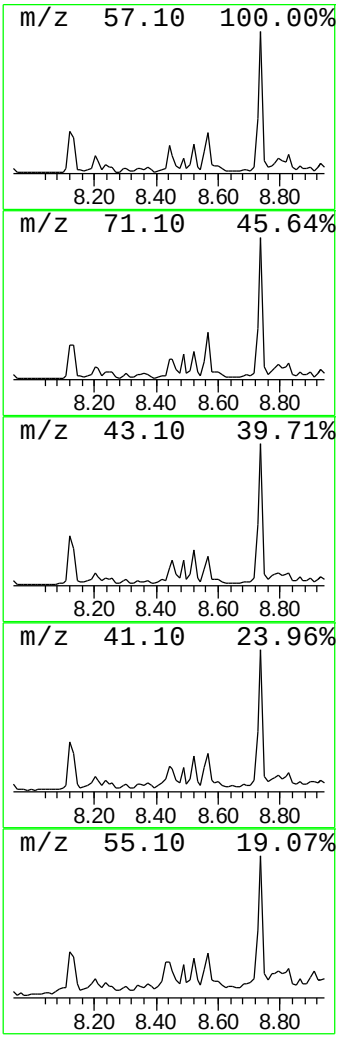
****

Peak Number 4 Undecane, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	3.14 ng	319550	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50





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Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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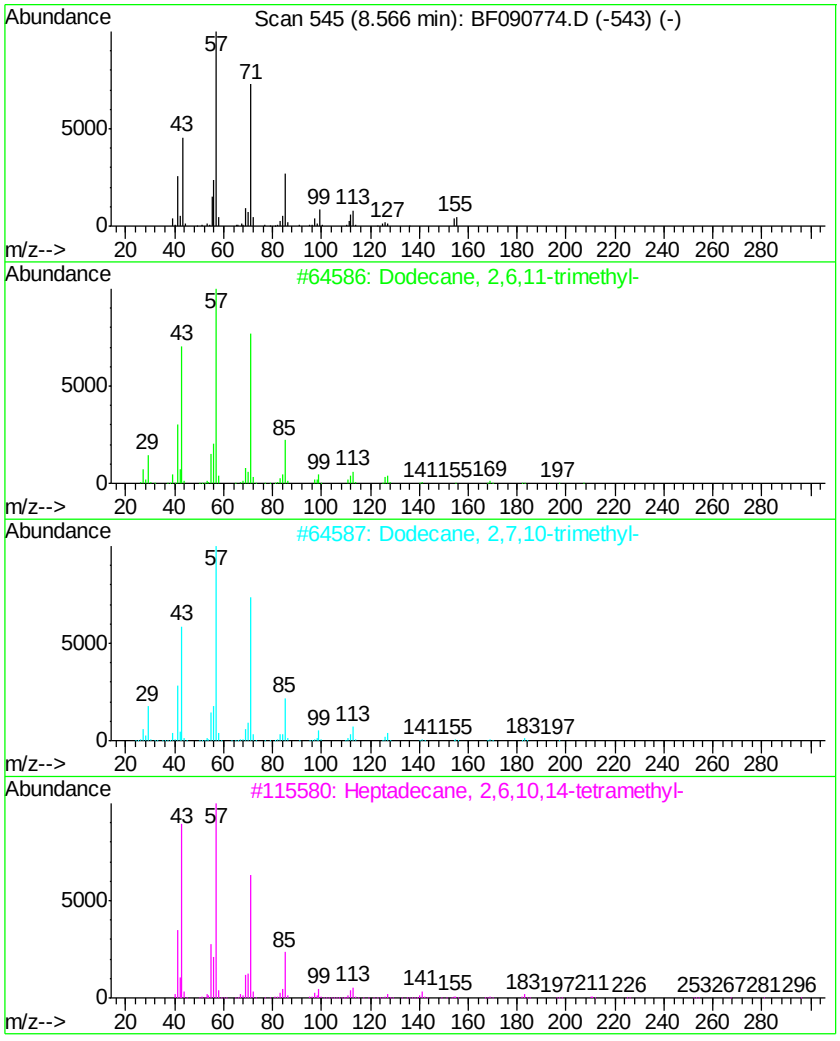
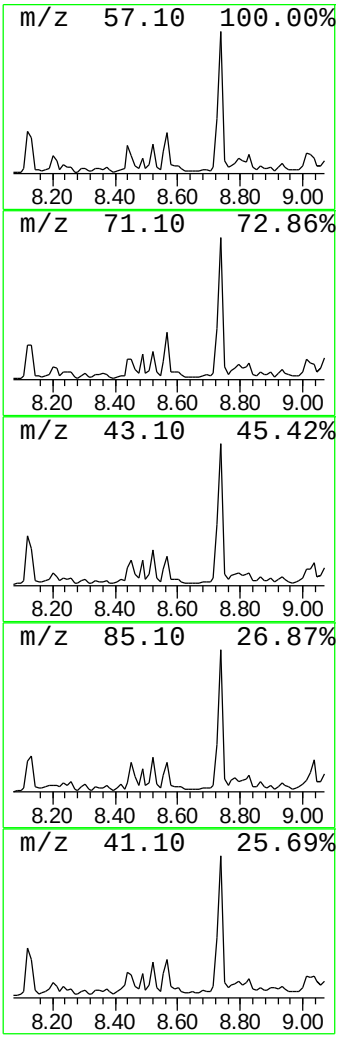
Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	2.55 ng	259814	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72





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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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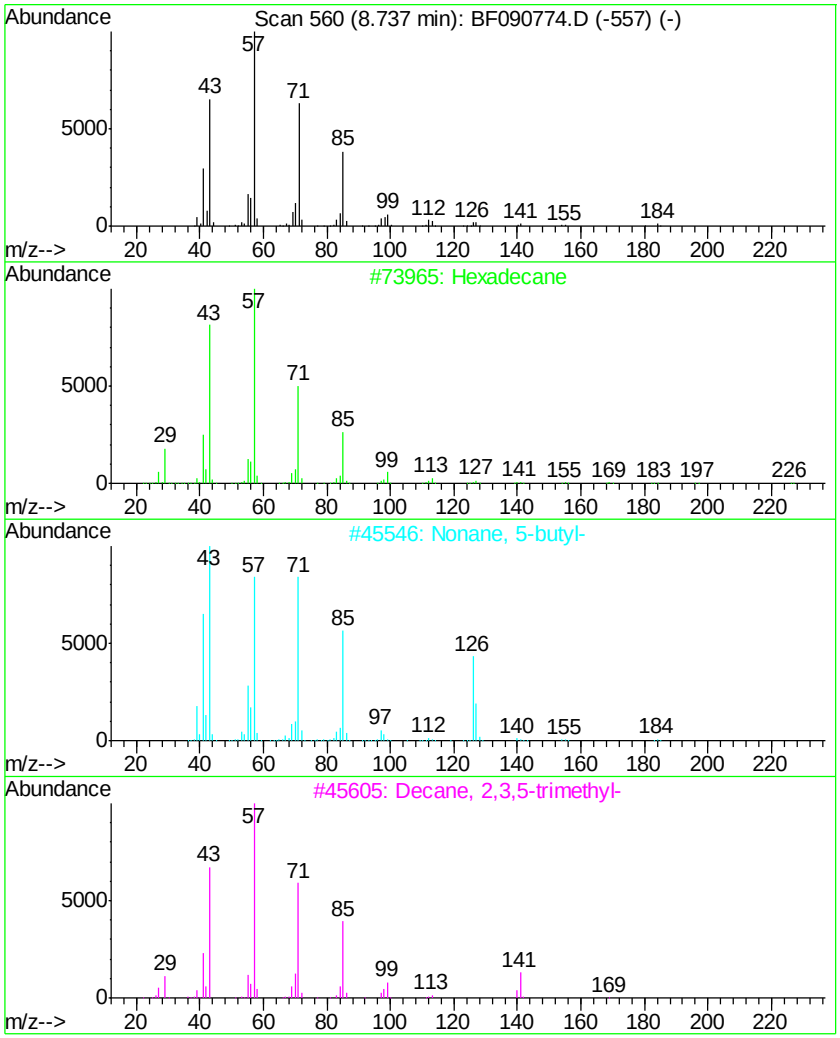
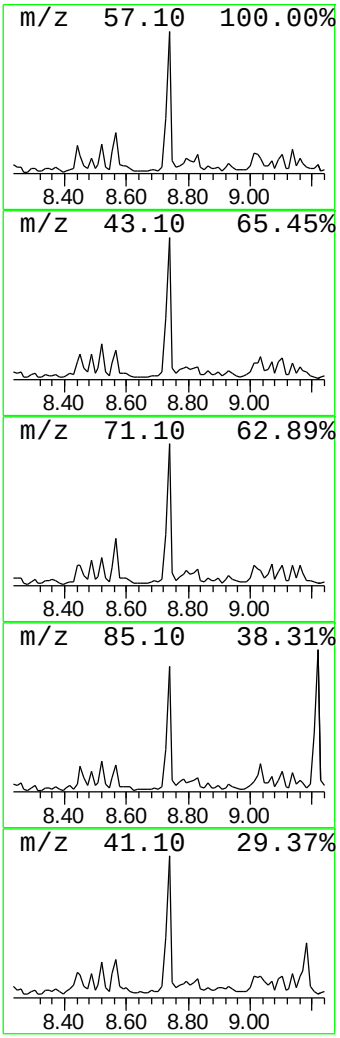
****

Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	8.51 ng	865333	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72





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Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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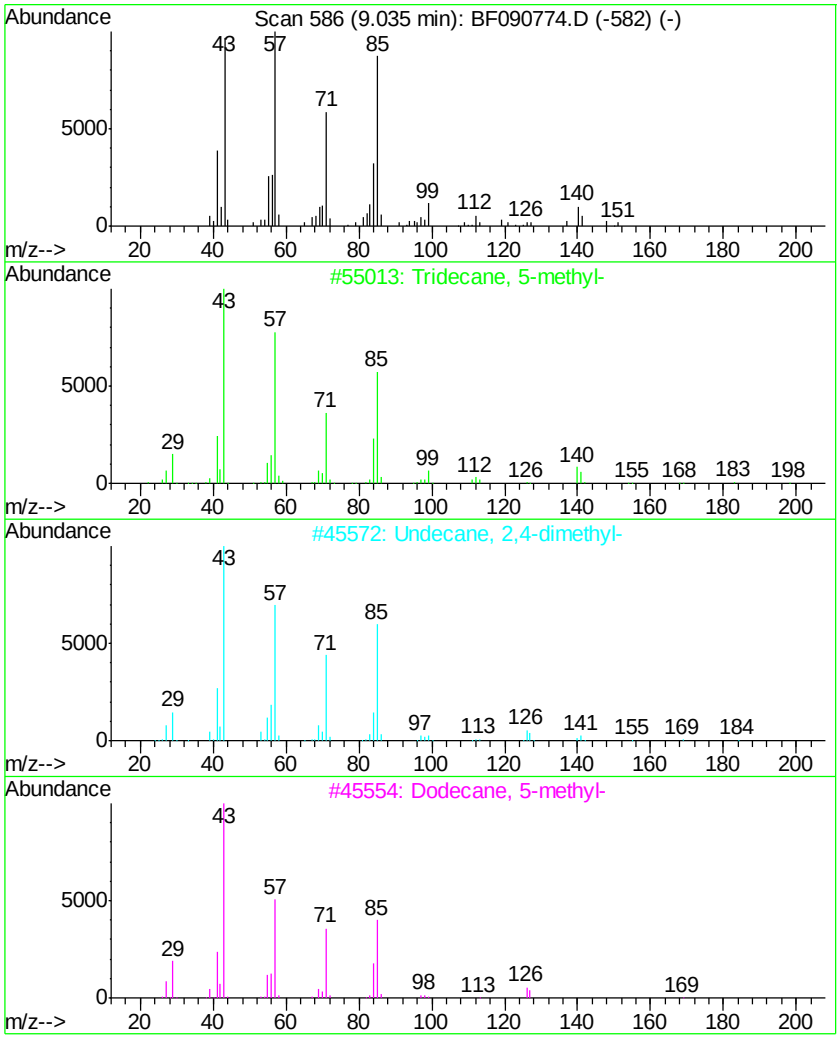
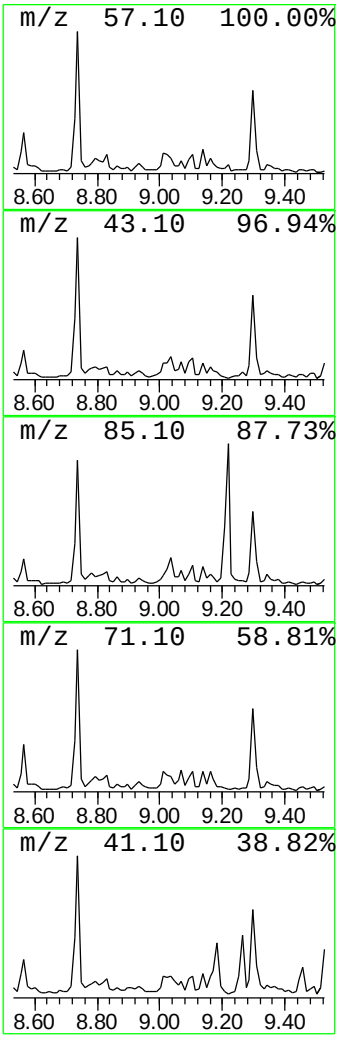
Peak Number 7 Tridecane, 5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	2.72 ng	301145	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-methyl-	198	C14H30	025117-31-1	83
2	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	78
3	Dodecane, 5-methyl-	184	C13H28	017453-93-9	64
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	50
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090774.D
Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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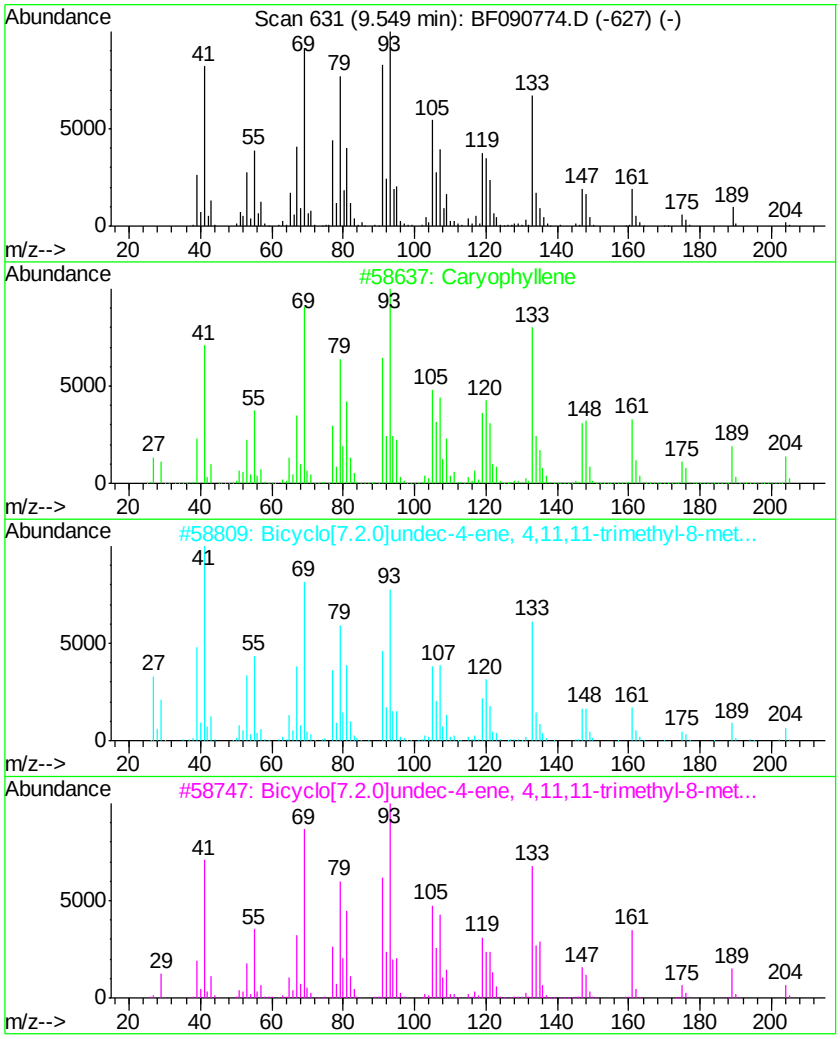
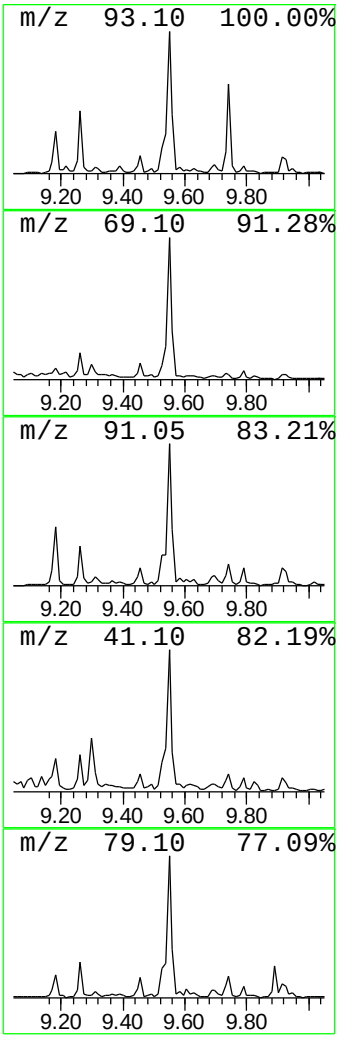
Peak Number 9 Caryophyllene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	22.65 ng	2503830	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	98
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	90
4	Isocaryophillene	204	C15H24	1000140-07-2	80
5	Cyclohexane, 1,5-diethenyl-3-met...	162	C12H18	074742-35-1	64





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Data File : BF090774.D
Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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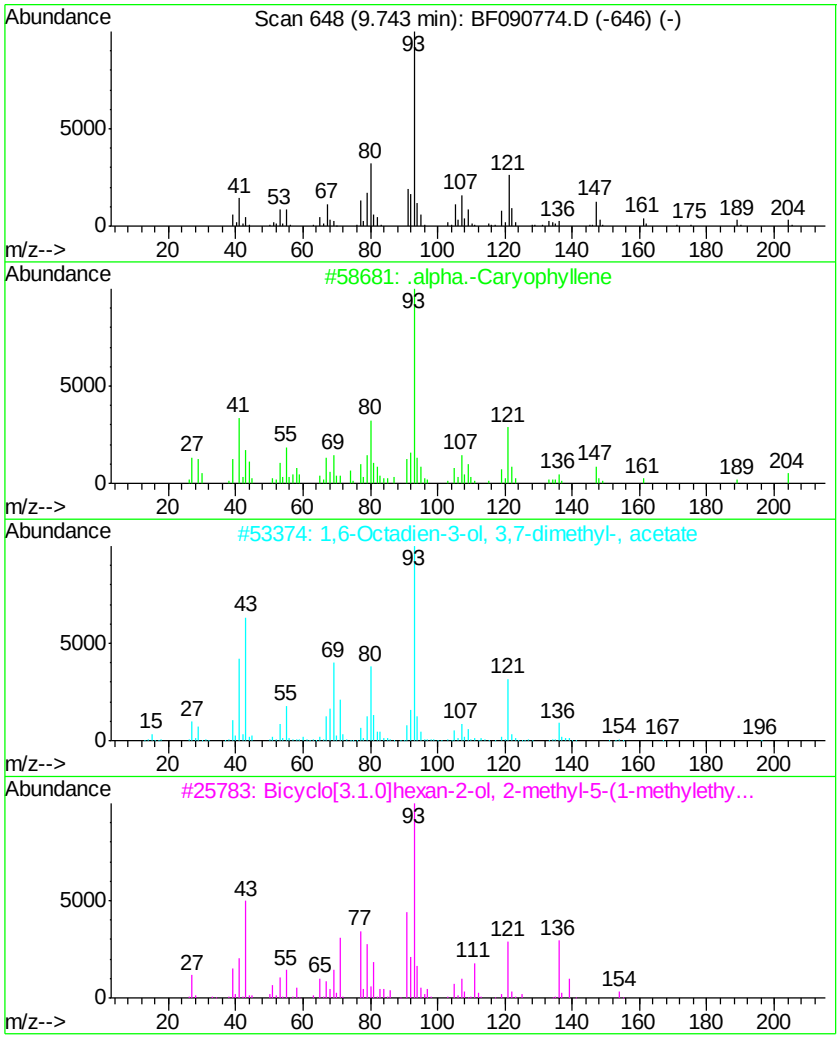
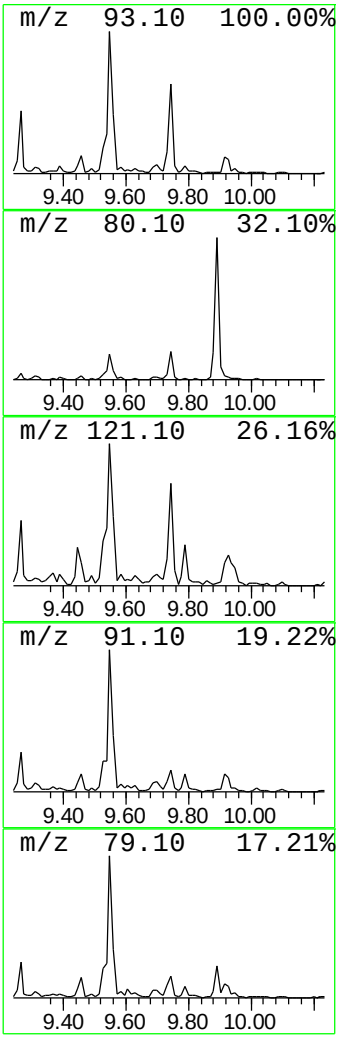
Peak Number 10 .alpha.-Caryophyllene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	3.63 ng	400871	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Caryophyllene	204	C15H24	006753-98-6	94
2	1,6-Octadien-3-ol, 3,7-dimethyl-...	196	C12H20O2	000115-95-7	64
3	Bicyclo[3.1.0]hexan-2-ol, 2-meth...	154	C10H18O	017699-16-0	59
4	1,4,7,-Cycloundecatriene, 1,5,9,...	204	C15H24	1000062-61-9	58
5	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	58





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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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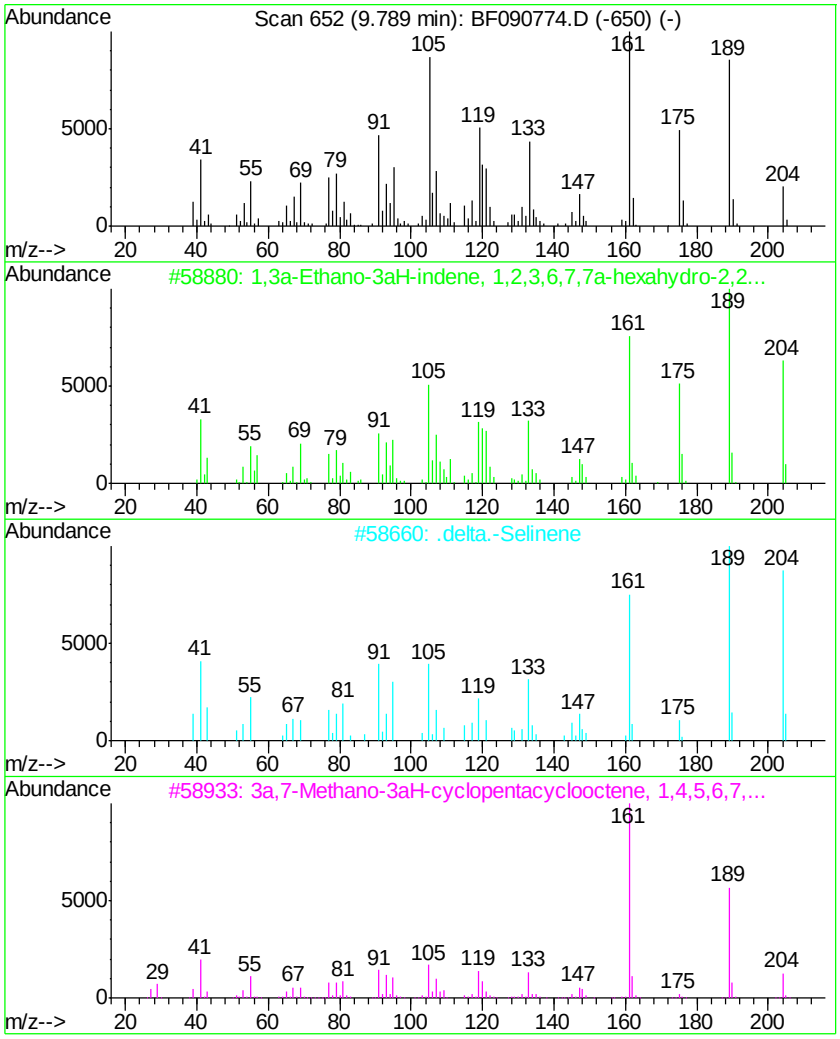
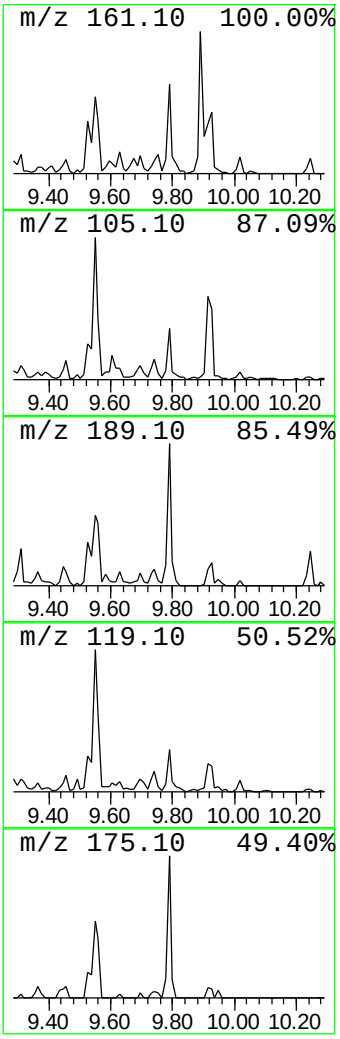
Peak Number 11 1,3a-Ethano-3aH-indene, 1,2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.77 ng	306438	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	93
2	.delta.-Selinene	204	C15H24	028624-23-9	89
3	3a,7-Methano-3aH-cyclopentacyclo...	204	C15H24	000469-92-1	70
4	Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	68
5	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	46





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Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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ClientSampleId : RMAB-SB03-14.0-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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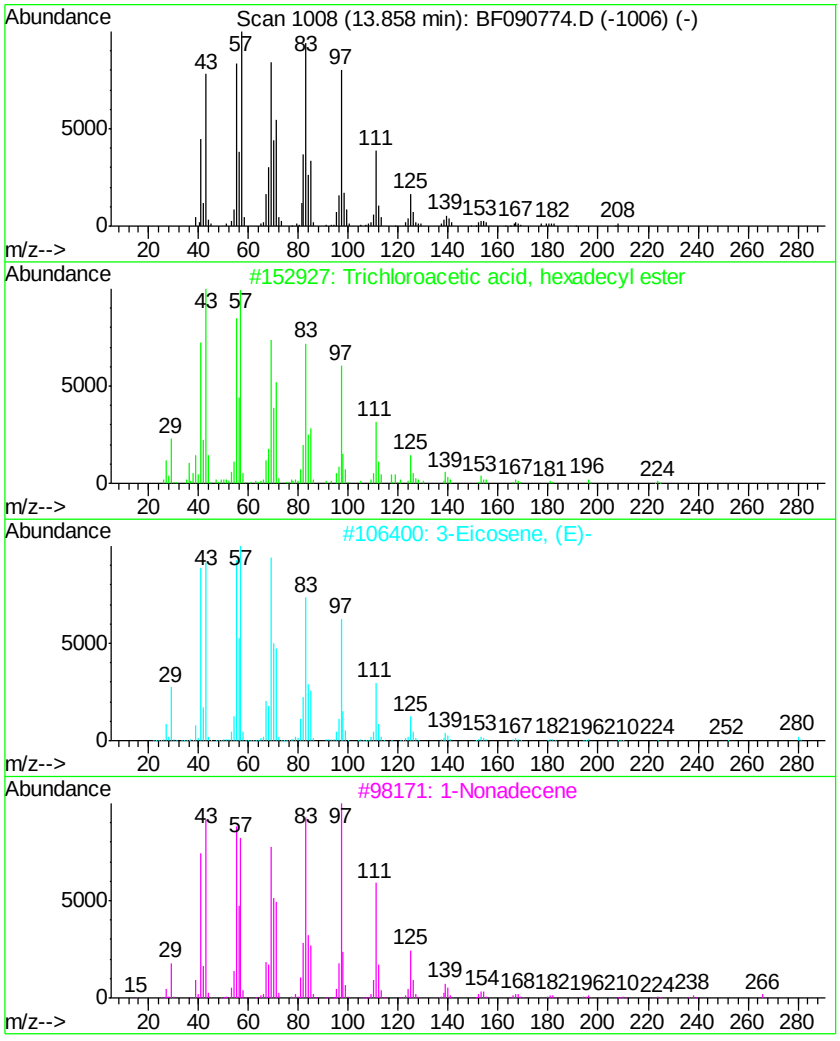
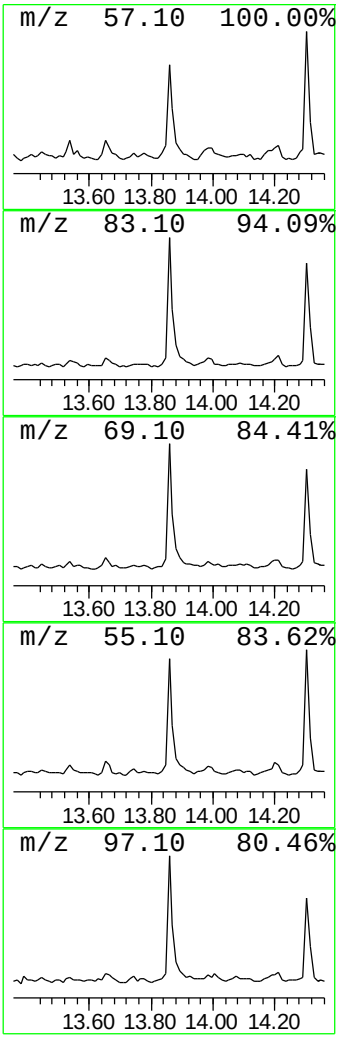
Peak Number 12 Trichloroacetic acid, hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.39 ng	446308	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90





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Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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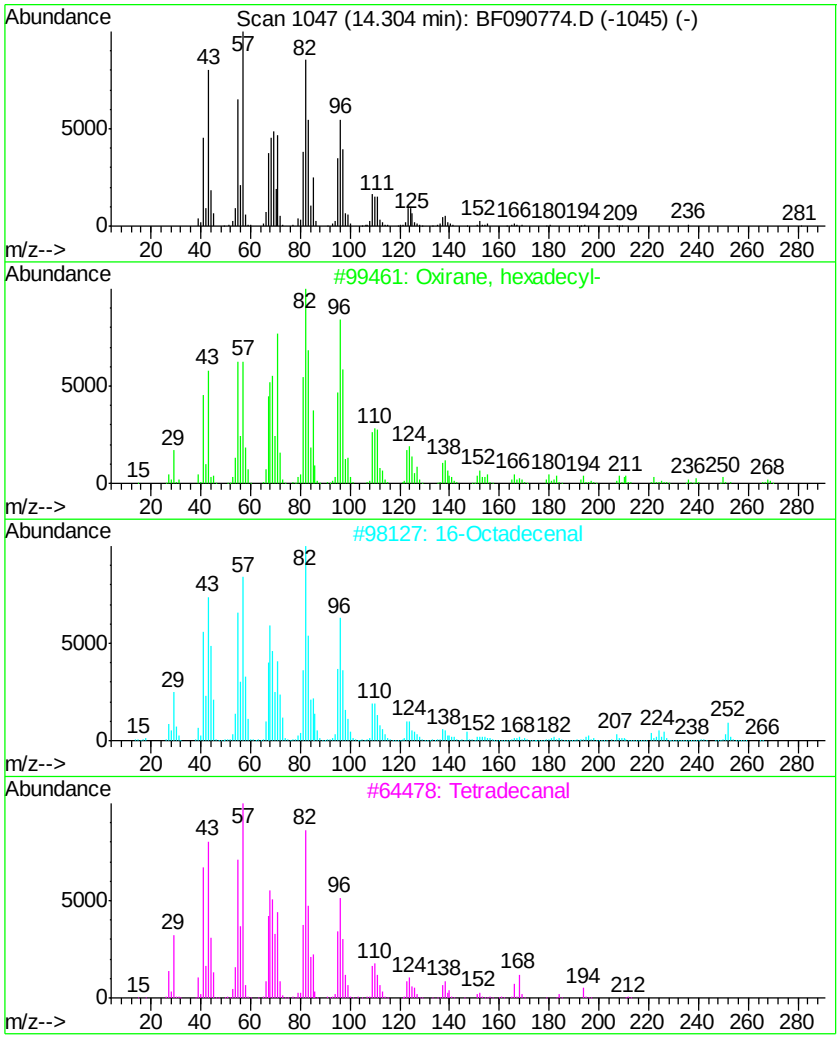
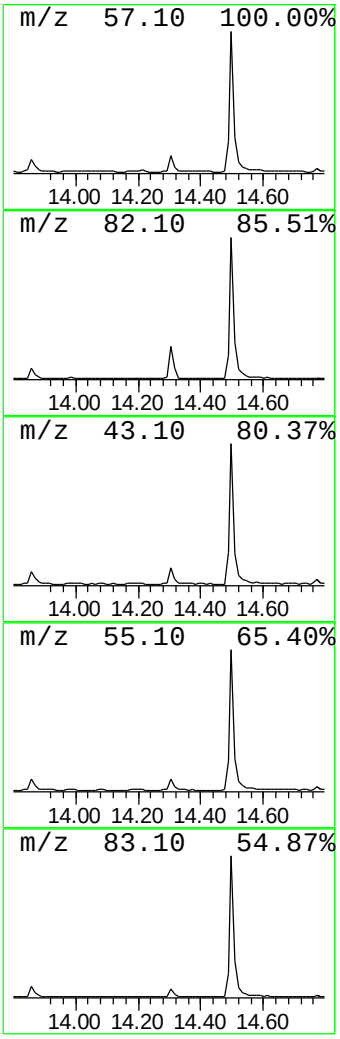
Peak Number 13 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	8.02 ng	426856	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	16-Octadecenal	266	C18H34O	056554-87-1	90
3	Tetradecanal	212	C14H28O	000124-25-4	87
4	Pentadecanal-	226	C15H30O	002765-11-9	87
5	1,19-Eicosadiene	278	C20H38	014811-95-1	81





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Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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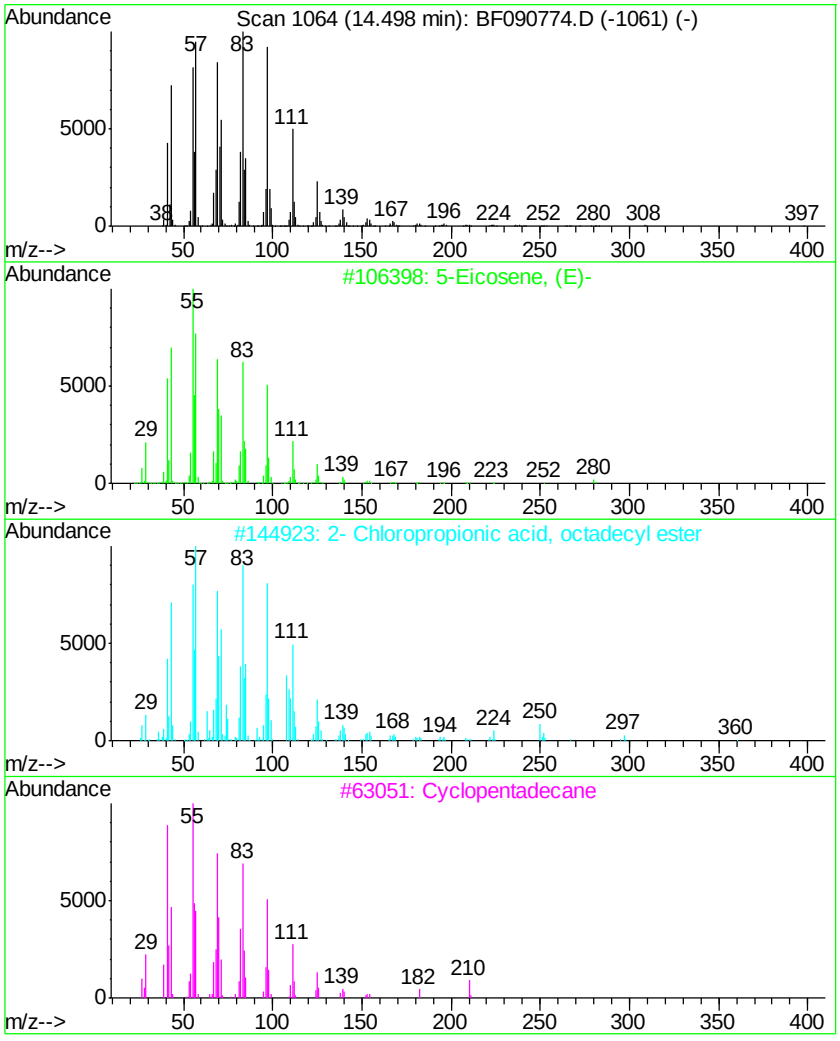
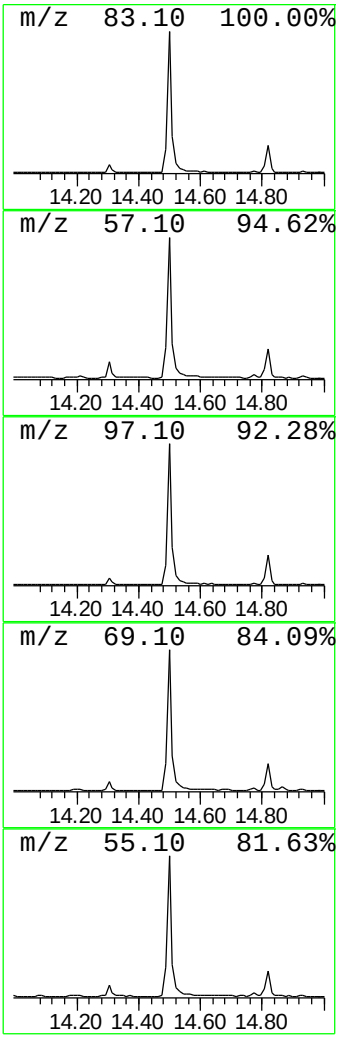
Peak Number 14 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	97.64 ng	5196950	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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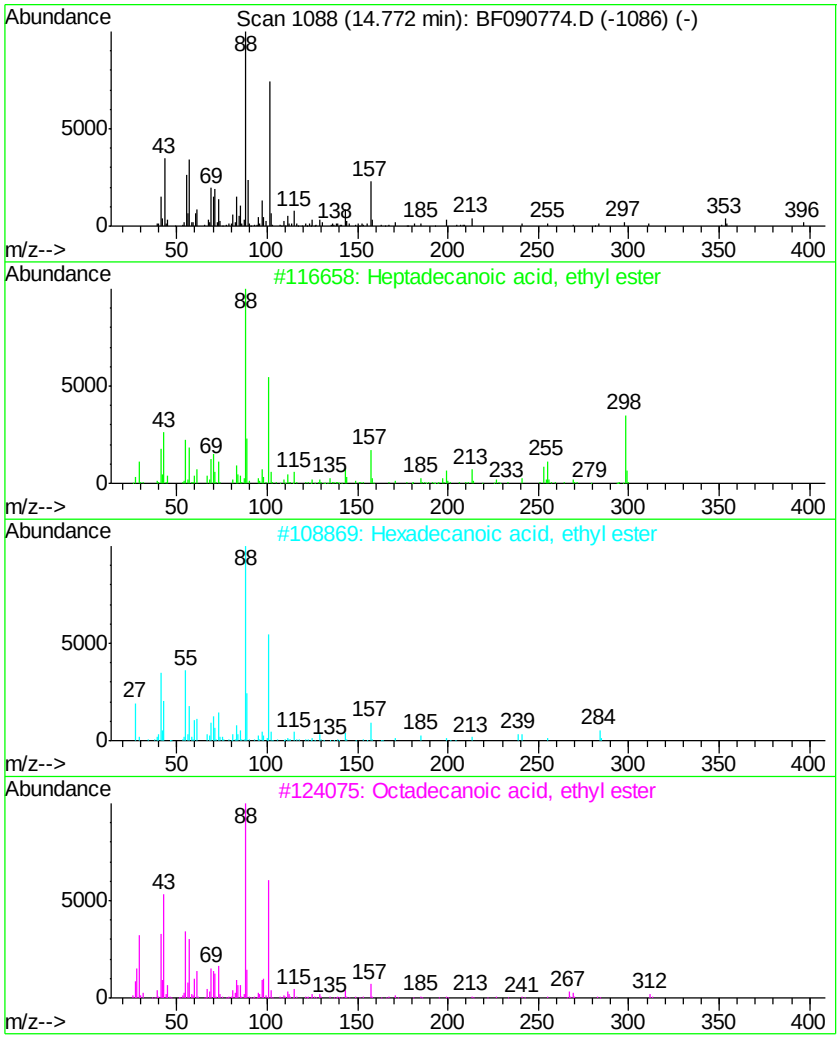
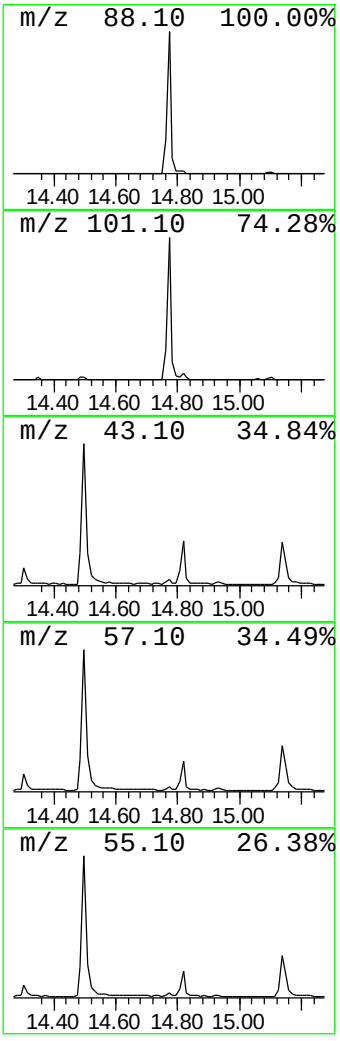
Peak Number 15 Heptadecanoic acid, ethyl e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.45 ng	196718	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	78
2	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	72
3	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	72
4	Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	53
5	Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	50





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Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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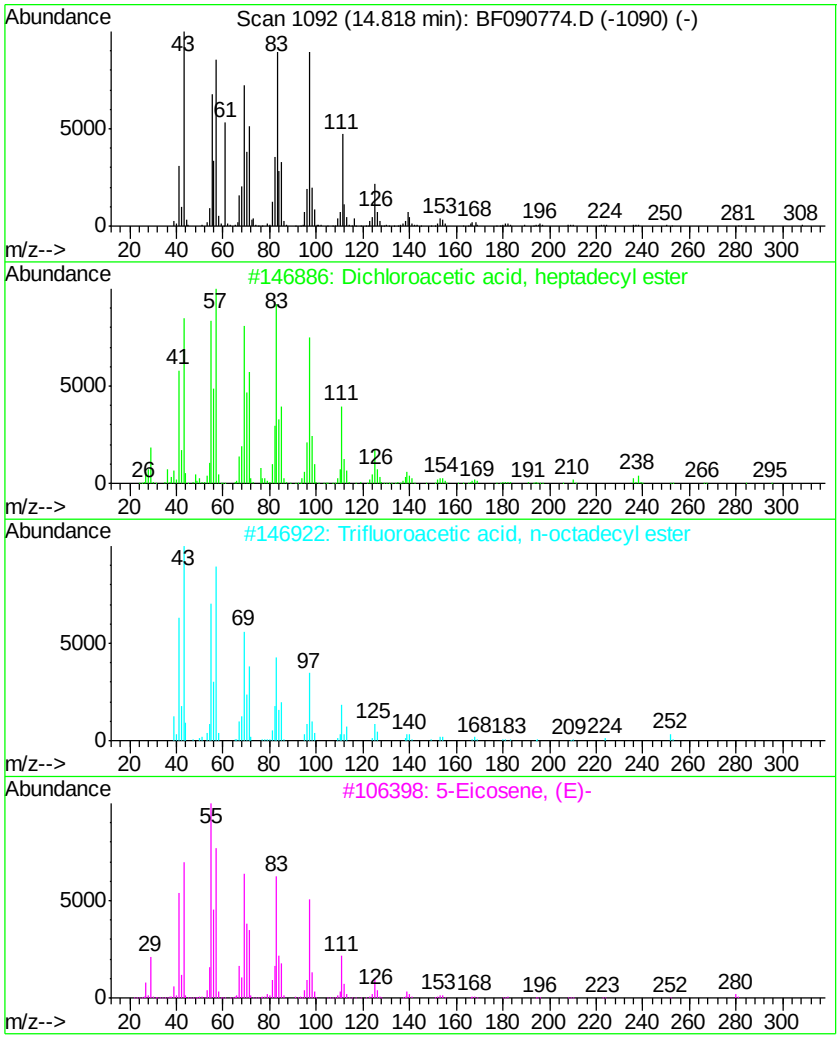
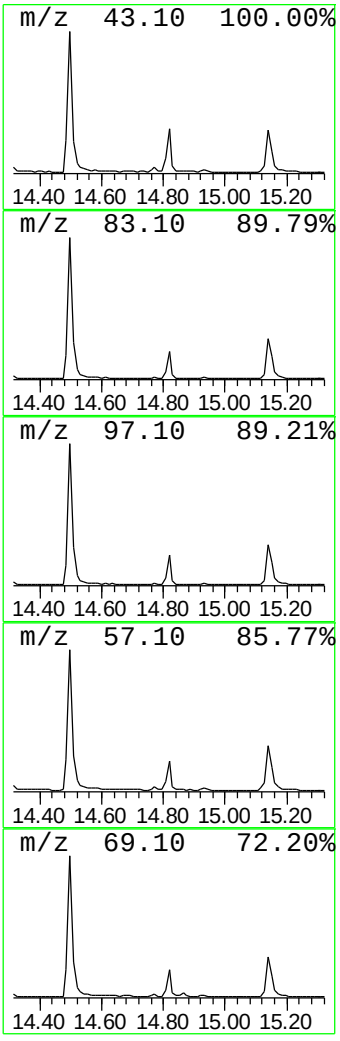
Peak Number 16 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	17.12 ng	975065	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	1-Docosene	308	C22H44	001599-67-3	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





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Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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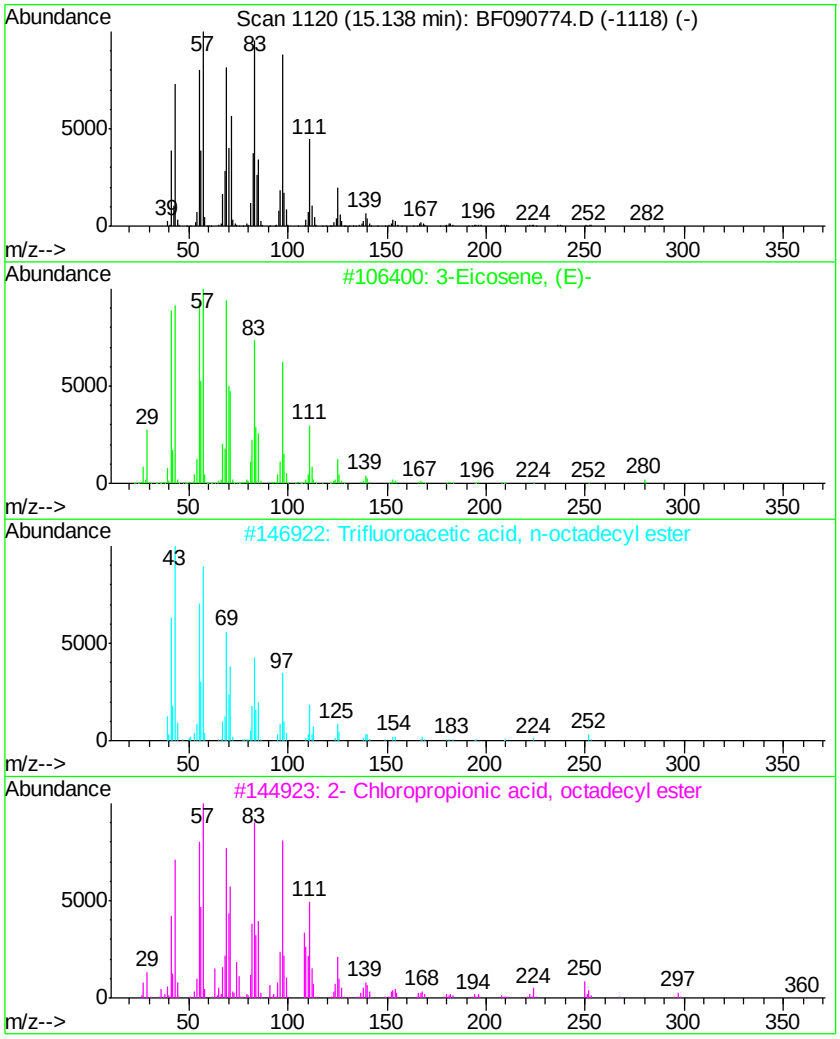
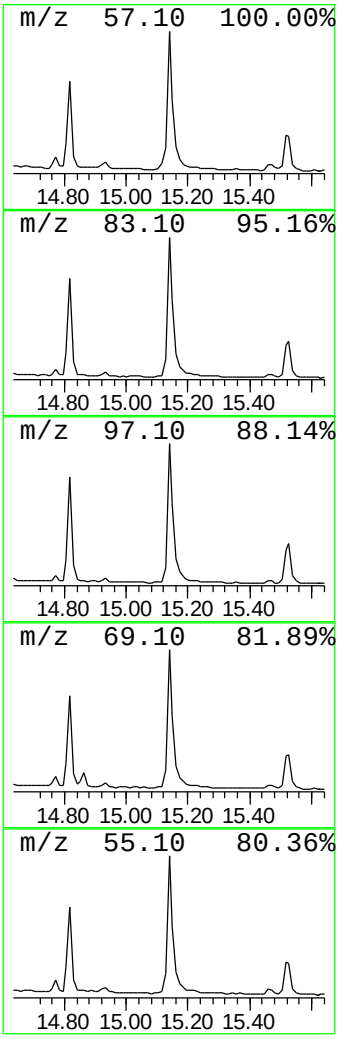
Peak Number 17 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	32.79 ng	1867720	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5	Cyclohexadecane	224	C16H32	000295-65-8	83





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Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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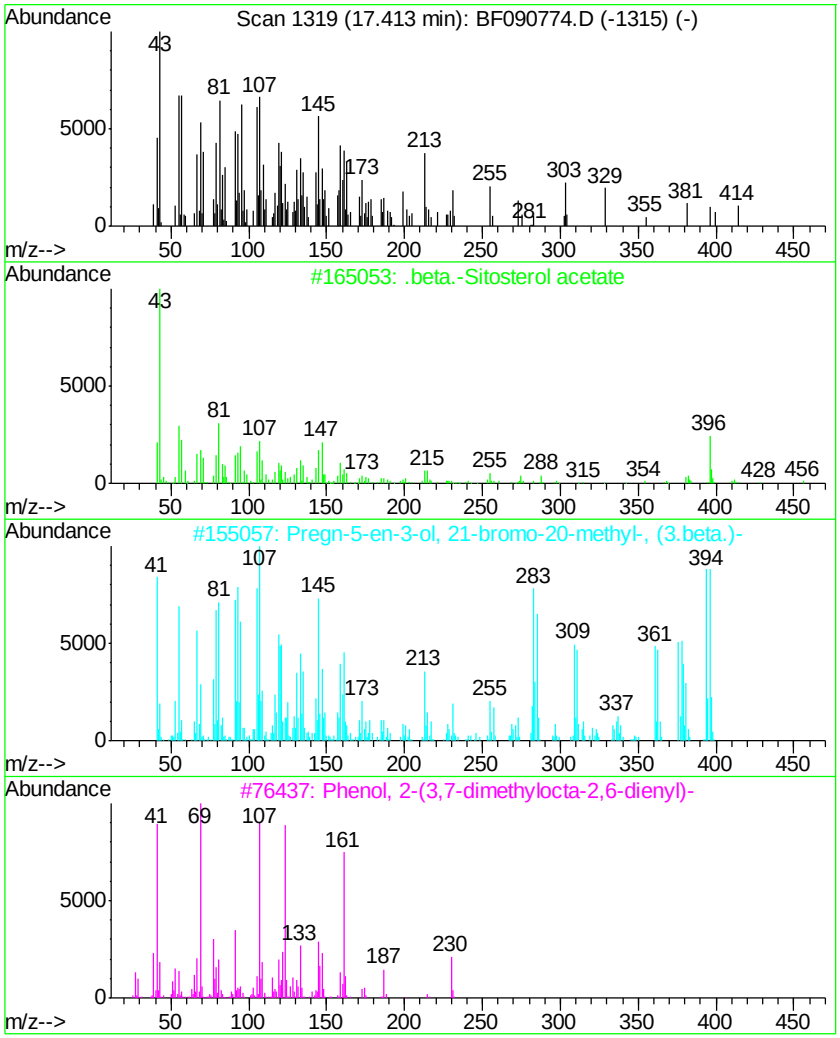
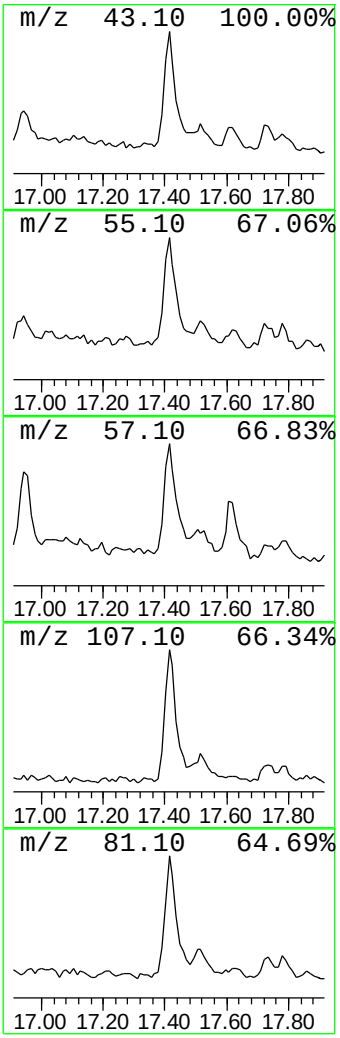
Peak Number 19 unknown17.41 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	6.97 ng	397304	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	38
2	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	35
3	Phenol, 2-(3,7-dimethylocta-2,6-...	230	C16H22O	010232-02-7	22
4	2,4-Dimethyl-1,4-dihydrocynnolin...	288	C10H13IN2	1000280-23-2	18
5	5.alpha.Androst-16-ol, 17-ethyli...	414	C27H42O3	1000124-58-6	16





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Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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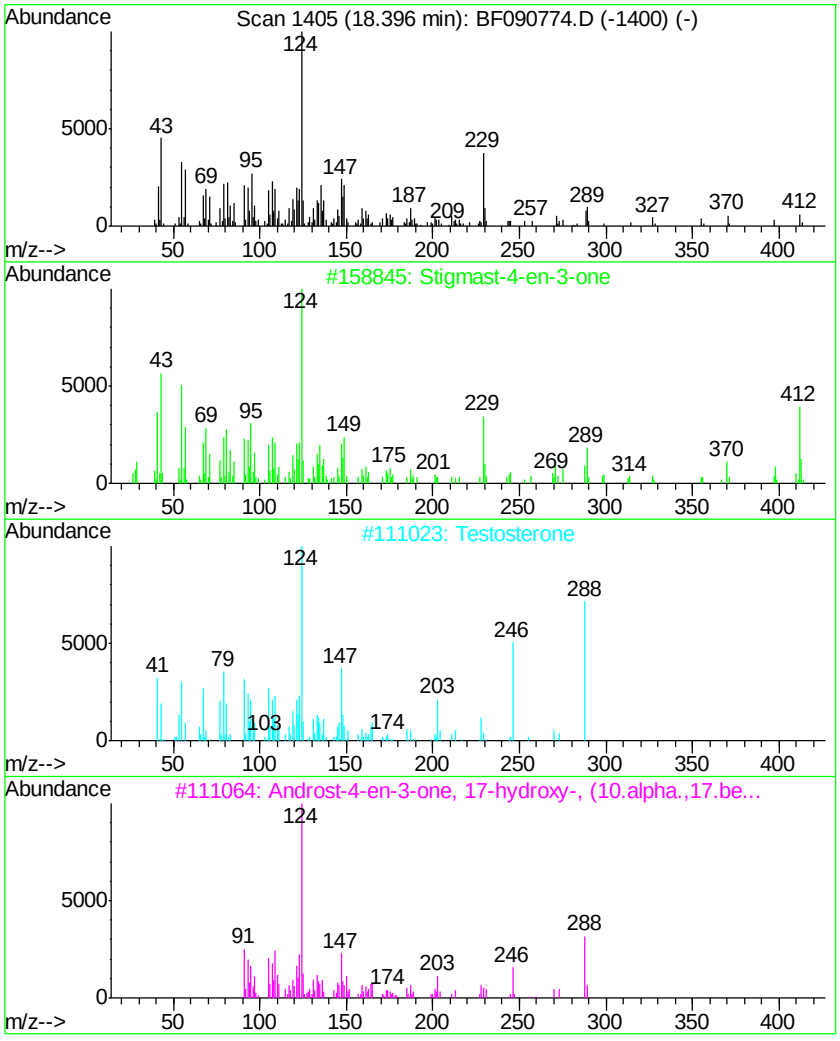
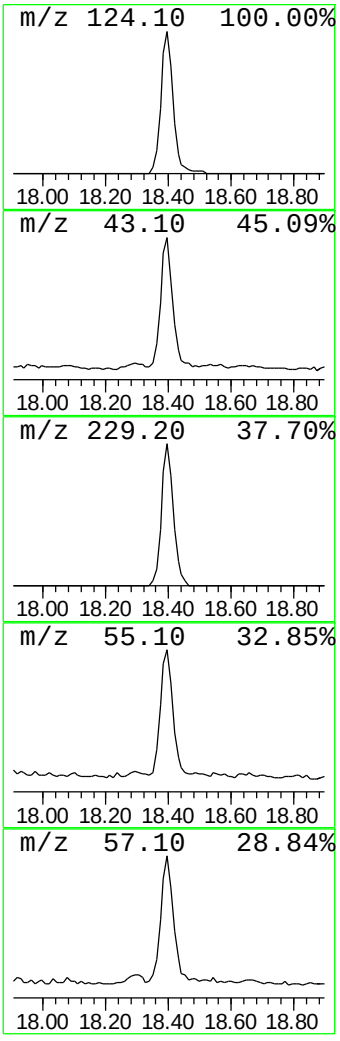
Peak Number 20 Stigmast-4-en-3-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	13.99 ng	796883	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	64
2	Testosterone	288	C19H28O2	000058-22-0	60
3	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	55
4	2-Amino-3-methylpyridine-N-oxide	124	C6H8N2O	053669-61-7	35
5	2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	30





Tentatively Identified Compound (LSC) summary

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Data File : BF090774.D
Acq On : 22 Oct 2016 20:38
Operator : UM/SJ
Sample : H5343-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	10.7	ng	728427	1	6.85	1360300	20.0
unknown6.62	6.62	51.1	ng	3474310	1	6.85	1360300	20.0
Undecane, 3,6-dim...	8.44	3.1	ng	319550	2	8.14	2034010	20.0
Dodecane, 2,6,11-...	8.57	2.5	ng	259814	2	8.14	2034010	20.0
Hexadecane	8.74	8.5	ng	865333	2	8.14	2034010	20.0
Tridecane, 5-methyl-	9.03	2.7	ng	301145	3	9.89	2211310	20.0
Caryophyllene	9.55	22.6	ng	2503830	3	9.89	2211310	20.0
.alpha.-Caryophyl...	9.74	3.6	ng	400871	3	9.89	2211310	20.0
1,3a-Ethano-3aH-i...	9.79	2.8	ng	306438	3	9.89	2211310	20.0
Trichloroacetic a...	13.86	8.4	ng	446308	5	14.02	1064470	20.0
Oxirane, hexadecyl-	14.30	8.0	ng	426856	5	14.02	1064470	20.0
5-Eicosene, (E)-	14.50	97.6	ng	5196950	5	14.02	1064470	20.0
Heptadecanoic aci...	14.77	3.5	ng	196718	6	15.45	1139260	20.0
Dichloroacetic ac...	14.82	17.1	ng	975065	6	15.45	1139260	20.0
3-Eicosene, (E)-	15.14	32.8	ng	1867720	6	15.45	1139260	20.0
unknown17.41	17.41	7.0	ng	397304	6	15.45	1139260	20.0
Stigmast-4-en-3-one	18.40	14.0	ng	796883	6	15.45	1139260	20.0