LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083224.D
Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

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-BF112115.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	4.787	242	245	252	rBV	1250390	2005278	45.39%	4.165%
2	5.244	283	285	288	rBV	3056175	3747489	84.83%	7.784%
3	6.307	374	378	381	rBV	3225099	4417406	100.00%	9.175%
4	6.421	385	388	390	rBV	2850400	3941705	89.23%	8.187%
5	6.639	405	407	410	rBV	1478489	1287780	29.15%	2.675%
6	6.799	418	421	423	rBV	3466912	3275383	74.15%	6.803%
7	7.210	454	457	459	rBV	2429048	2329255	52.73%	4.838%
8	7.347	466	469	472	rVB2	45054	63145	1.43%	0.131%
9	7.930	517	520	522	rBV	1750214	1627299	36.84%	3.380%
10	9.004	612	614	617	rBV	3399046	4003810	90.64%	8.316%
11	9.096	621	622	625	rVB	43237	49191	1.11%	0.102%
12	9.313	638	641	643	rBV	133982	145650	3.30%	0.303%
13	9.405	647	649	652	rVV	767444	887231	20.08%	1.843%
14	9.507	654	658	663	rVV5	44911	103083	2.33%	0.214%
15	9.599	663	666	667	rVV	69527	69685	1.58%	0.145%
16	9.633	667	669	670	rVV	112700	155454	3.52%	0.323%
17	9.679	670	673	675	rVV	1760458	1732487	39.22%	3.598%
18	9.713	675	676	678	rVV	148192	113764	2.58%	0.236%
19	9.805	681	684	686	rBV	311251	295943	6.70%	0.615%
20	9.850	686	688	690	rVV2	29393	62217	1.41%	0.129%
21	9.919	692	694	695	rVB	43505	47683	1.08%	0.099%
22	9.953	695	697	698	rBV	39377	47993	1.09%	0.100%
23	10.125	710	712	714	rVB	243734	198718	4.50%	0.413%
24	10.193	716	718	725	rVB4	24669	60549	1.37%	0.126%
25	10.342	728	731	735	rBV	74047	163847	3.71%	0.340%
26	10.399	735	736	738	rVV2	37284	62492	1.41%	0.130%
27	10.467	739	742	744	rVV	1282880	1781143	40.32%	3.699%
28	10.502	744	745	747	rVV	223489	232941	5.27%	0.484%
29	10.593	751	753	758	rVV	202758	243858	5.52%	0.506%
30	10.730	763	765	768	rVB4	22125	44892	1.02%	0.093%
31	10.913	779	781	784	rVB4	28734	51840	1.17%	0.108%
32	11.039	791	792	798	rVB	103172	144695	3.28%	0.301%
33	11.153	799	802	804	rVV	1511348	1524585	34.51%	3.167%
34	11.222	805	808	811	rVB3	85914	158386	3.59%	0.329%

LSC Area Percent Report

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Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.393	820	823	827	rBV4	33624	64094	1.45%	0.133%
36	11.473	827	830	833	rVB	117548	125537	2.84%	0.261%
37	11.656	843	846	848	rVV2	99856	136623	3.09%	0.284%
38	11.702	848	850	854	rVB2	297448	328509	7.44%	0.682%
39	11.885	864	866	870	rVB3	114662	154159	3.49%	0.320%
40	11.976	872	874	877	rVB2	54220	71942	1.63%	0.149%
41	12.056	877	881	884	rBV5	19395	47816	1.08%	0.099%
42	12.125	886	887	890	rVB2	60308	64814	1.47%	0.135%
43	12.182	890	892	894	rBV3	67816	110352	2.50%	0.229%
44	12.228	894	896	897	rVV2	50763	73418	1.66%	0.152%
45	12.353	903	907	909	rBV	188063	277141	6.27%	0.576%
46	12.456	911	916	917	rVV4	242831	535139	12.11%	1.111%
47	12.479	917	918	922	rVV2	84589	142099	3.22%	0.295%
48	12.582	922	927	930	rVV3	347756	852680	19.30%	1.771%
49	12.651	930	933	934	rVV3	63724	86122	1.95%	0.179%
50	12.742	938	941	943	rVB	1907935	2645680	59.89%	5.495%
51	12.982	958	962	964	rBV3	61234	123692	2.80%	0.257%
52	13.062	967	969	971	rVV	95529	130587	2.96%	0.271%
53	13.165	976	978	980	rVV	282877	301672	6.83%	0.627%
54	13.199	980	981	986	rVV3	199272	319568	7.23%	0.664%
55	13.279	986	988	989	rVV	87573	71086	1.61%	0.148%
56	13.439	1000	1002	1005	rVB	95626	87412	1.98%	0.182%
57	13.531	1008	1010	1013	rBV3	16799	45624	1.03%	0.095%
58	13.645	1018	1020	1023	rVV	340460	438517	9.93%	0.911%
59	13.782	1029	1032	1034	rBV	934622	1445218	32.72%	3.002%
60	13.885	1037	1041	1043	rBV2	120832	205585	4.65%	0.427%
61	13.965	1046	1048	1054	rVV2	77538	187688	4.25%	0.390%
62	14.091	1057	1059	1061	rVB	92058	102781	2.33%	0.213%
63	14.285	1073	1076	1079	rBV	286289	487119	11.03%	1.012%
64	14.502	1093	1095	1097	rVB	74876	84209	1.91%	0.175%
65	14.548	1097	1099	1102	rBV3	72763	202668	4.59%	0.421%
66	14.685	1109	1111	1114	rVB	118977	148788	3.37%	0.309%
67	14.776	1117	1119	1124	rVB	61178	134293	3.04%	0.279%
68	14.857	1124	1126	1131	rBV2	207170	413469	9.36%	0.859%
69	15.085	1144	1146	1148	rBV	43352	59966	1.36%	0.125%
70	15.142	1148	1151	1154	rVV	715569	874764	19.80%	1.817%
71	15.188	1154	1155	1158	rVB	69493	67123	1.52%	0.139%

LSC Area Percent Report

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Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
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Instrument : BNA_F
ClientSampleId : A18-COMP

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.359	1168	1170	1173	rBV	94165	123938	2.81%	0.257%
73	15.565	1185	1188	1190	rBV	350038	519047	11.75%	1.078%
74	15.657	1194	1196	1202	rVB4	98829	206222	4.67%	0.428%
75	16.228	1244	1246	1251	rVB4	51550	103911	2.35%	0.216%
76	16.491	1266	1269	1271	rBV	51197	105138	2.38%	0.218%
77	17.222	1330	1333	1336	rVB2	53762	105788	2.39%	0.220%
78	17.748	1376	1379	1385	rVB2	100930	256861	5.81%	0.534%

Sum of corrected areas: 48145736

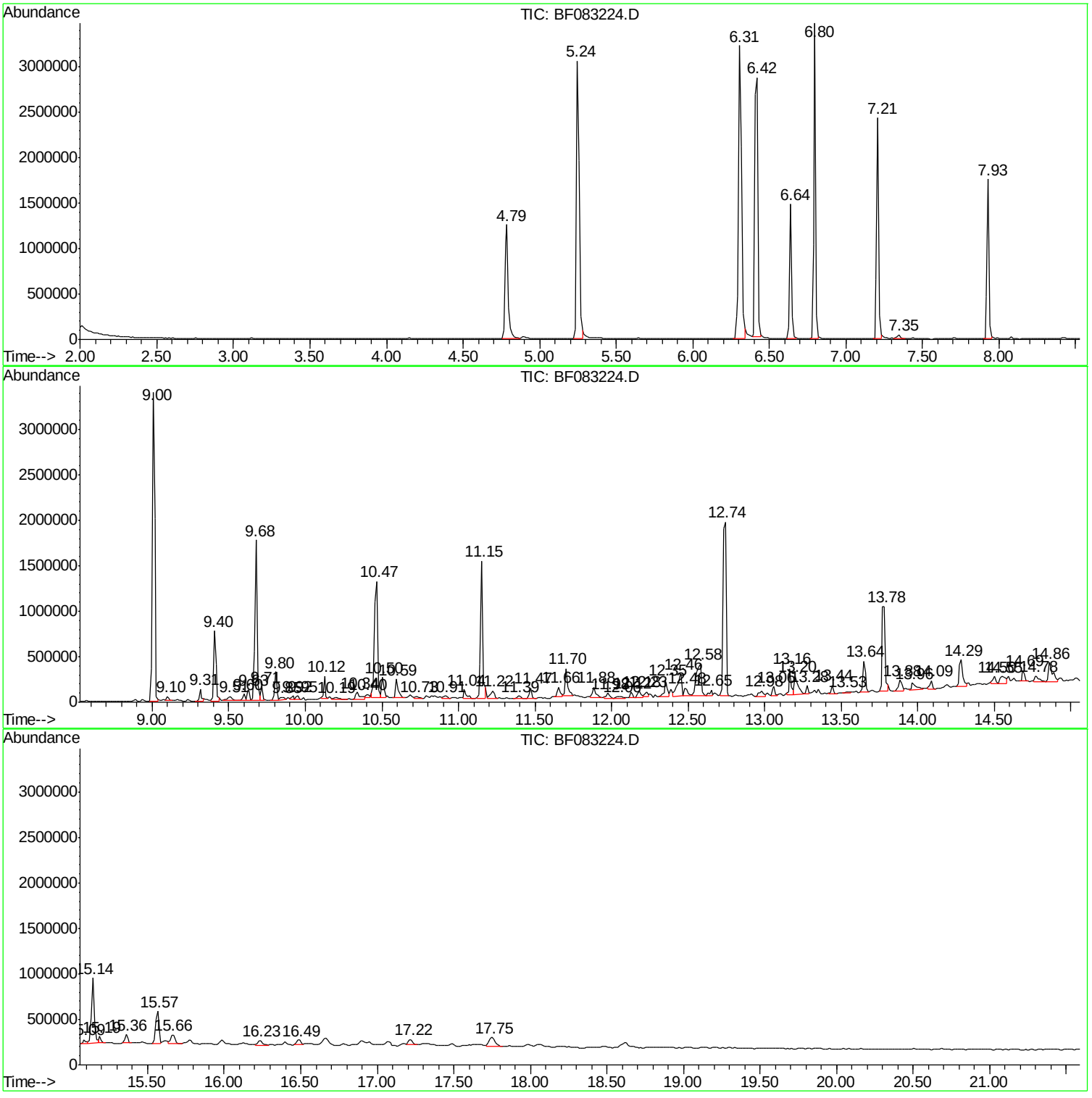
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083224.D
Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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\BF112315\
Data File : BF083224.D
Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

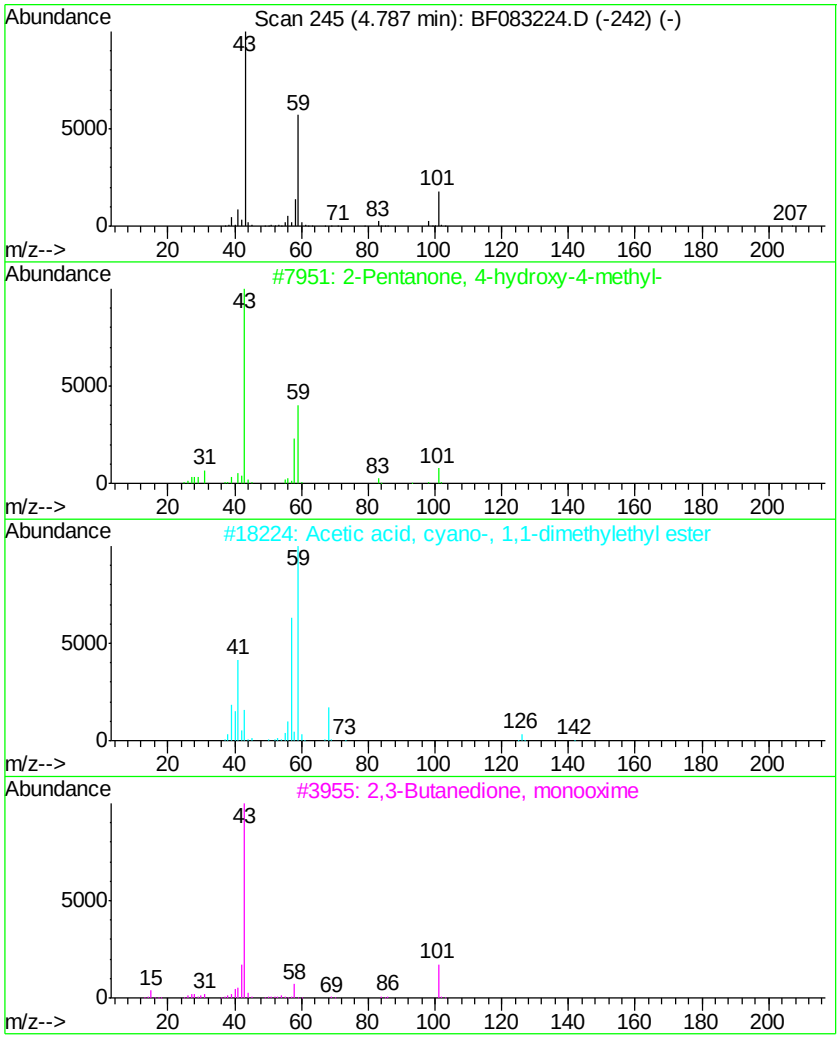
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

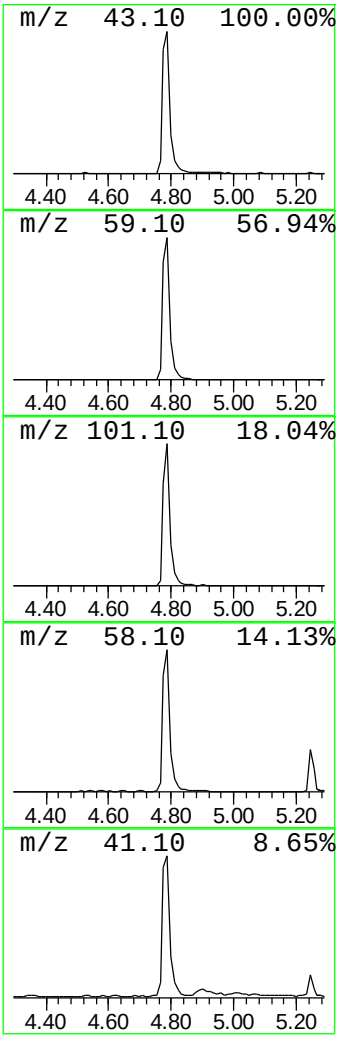
****

Peak Number 1 unknown4.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	31.14 ng	2005280	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
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	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083224.D
Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

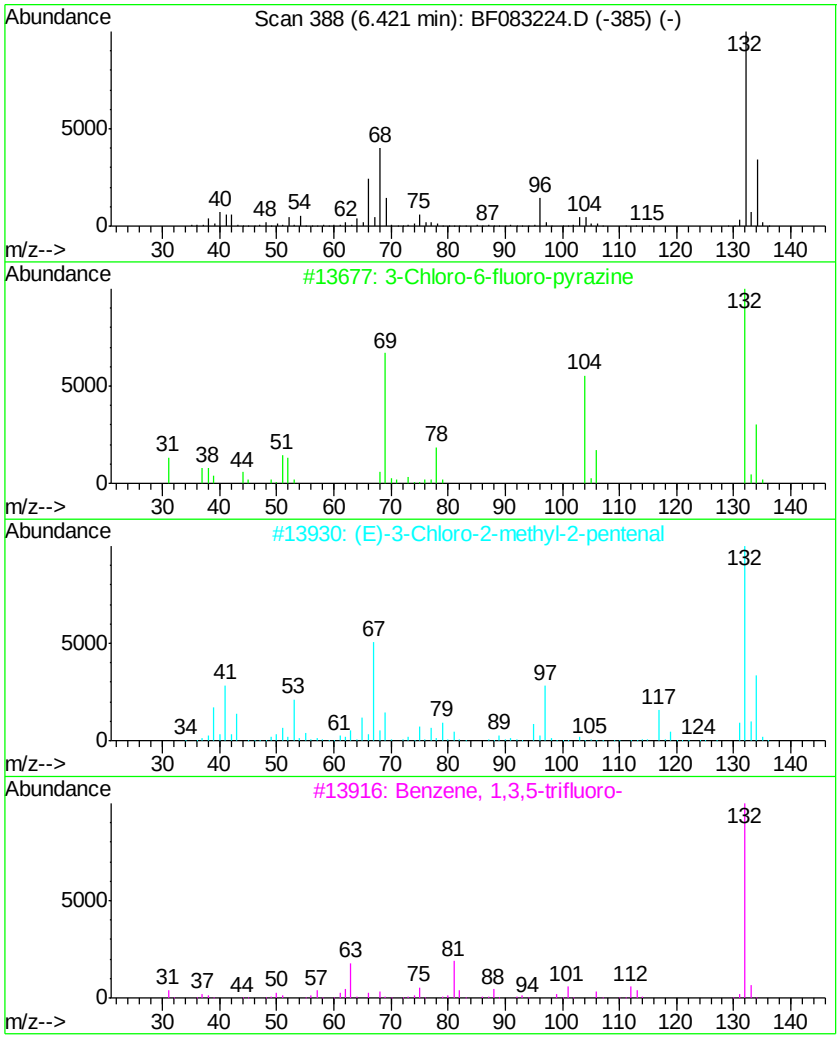
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

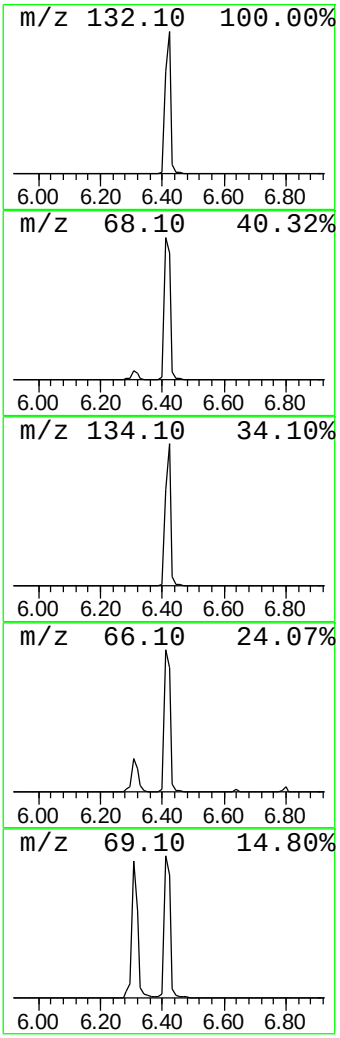
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	61.22 ng	3941710	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083224.D
Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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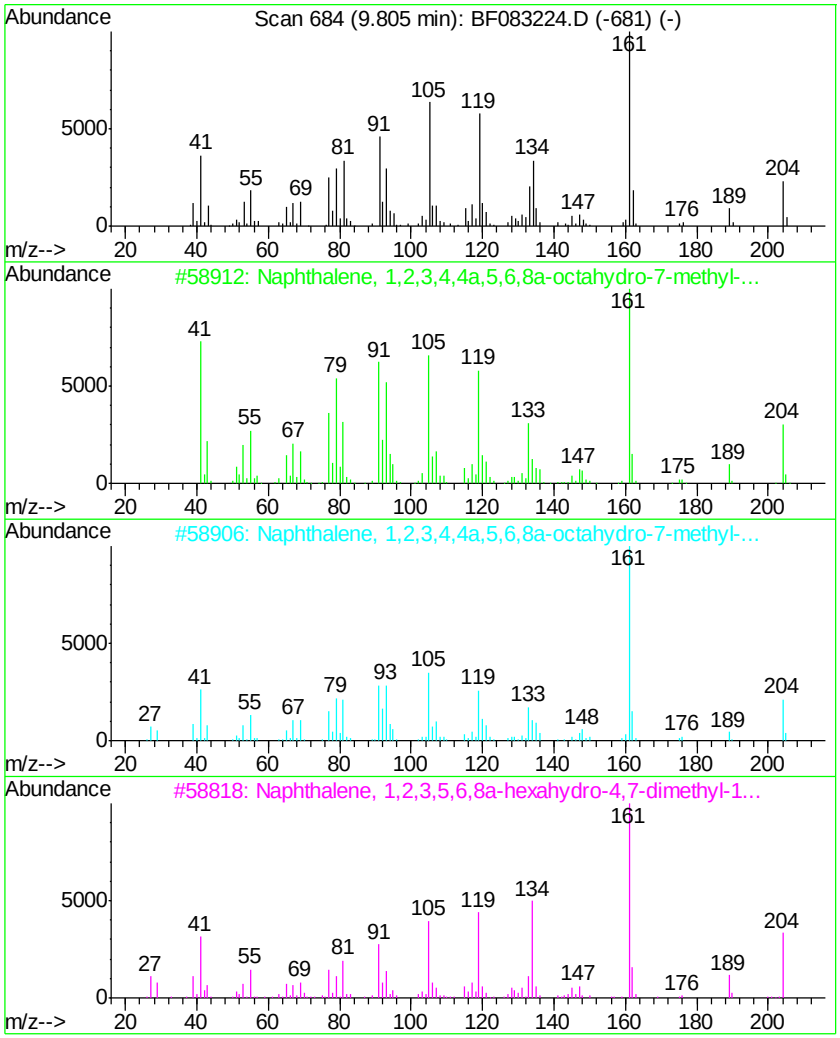
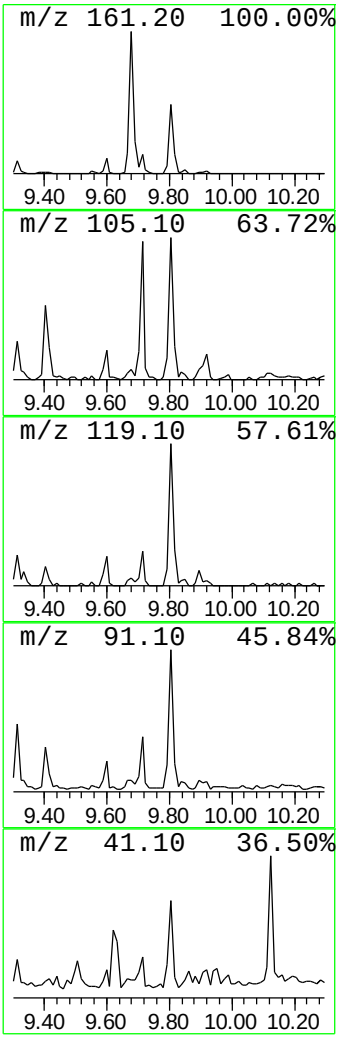
Peak Number 4 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	3.42 ng	295943	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	030021-74-0	95
2	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	90
3	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	81
4	Copaene	204	C15H24	003856-25-5	76
5	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	76





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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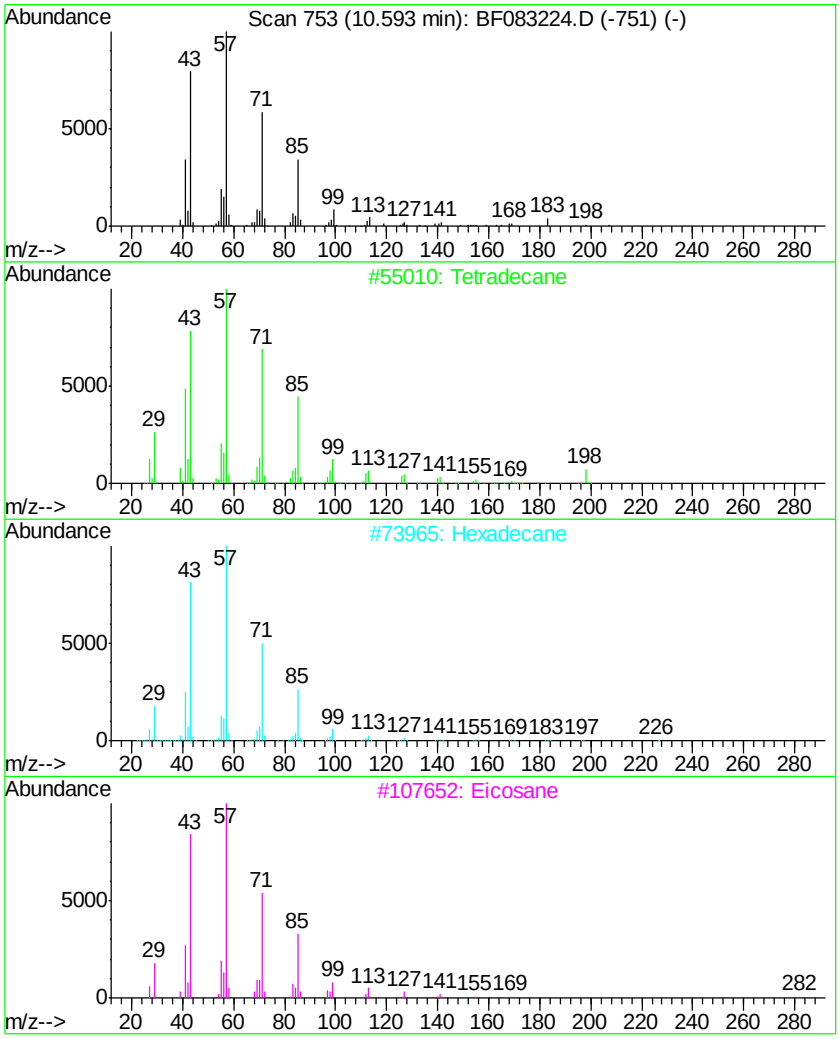
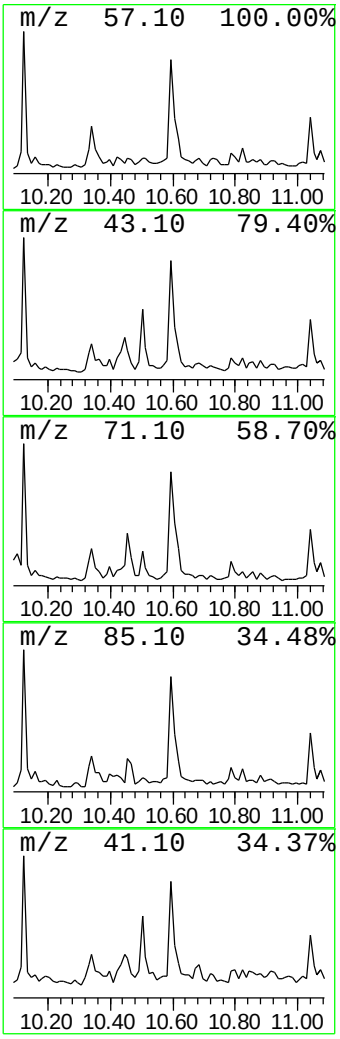
Peak Number 5 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.20 ng	243858	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tridecane	184	C13H28	000629-50-5	86





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Data File : BF083224.D
Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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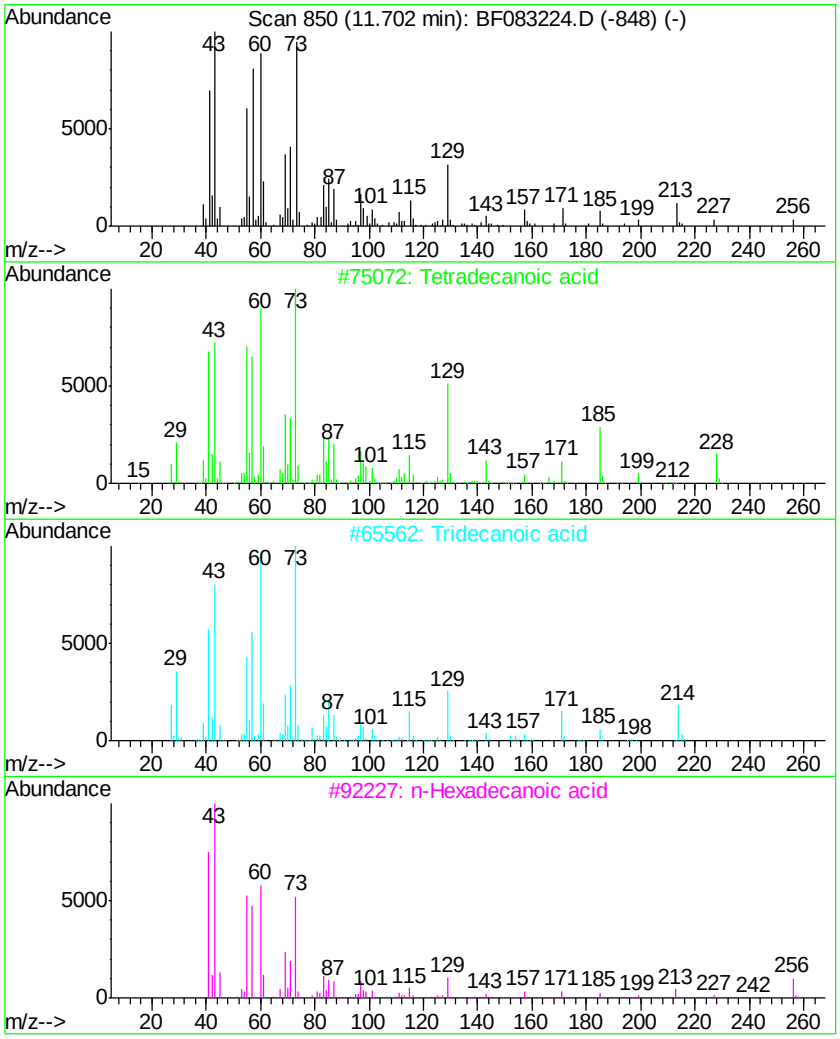
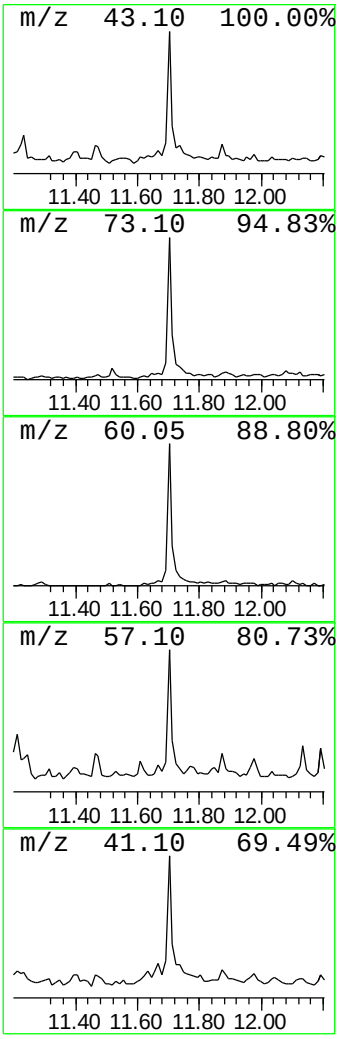
Peak Number 6 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.31 ng	328509	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





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Data File : BF083224.D
Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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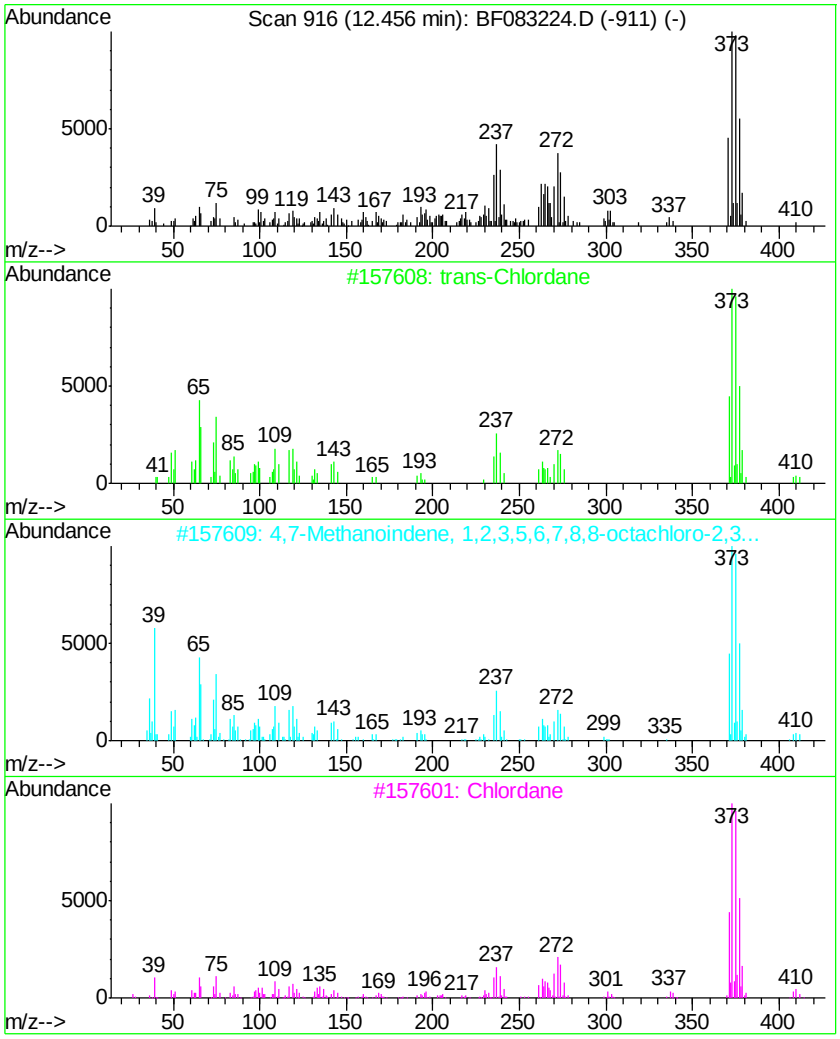
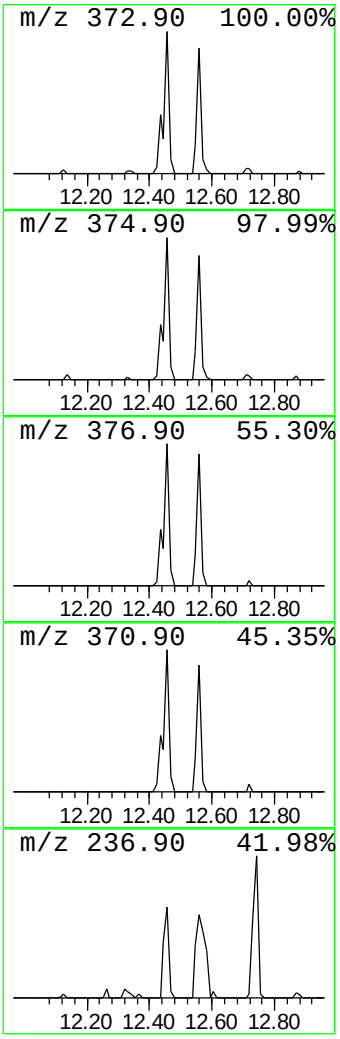
Peak Number 7 trans-Chlordane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	7.02 ng	535139	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane	406	C10H6Cl8	005103-74-2	99
2	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	96
3	Chlordane	406	C10H6Cl8	000057-74-9	91
4	cis-Chlordane	406	C10H6Cl8	005103-71-9	91
5	2-[3,4-Dichlorophenyl]-6,8-dichl...	371	C16H9Cl4NO	038599-01-8	20





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Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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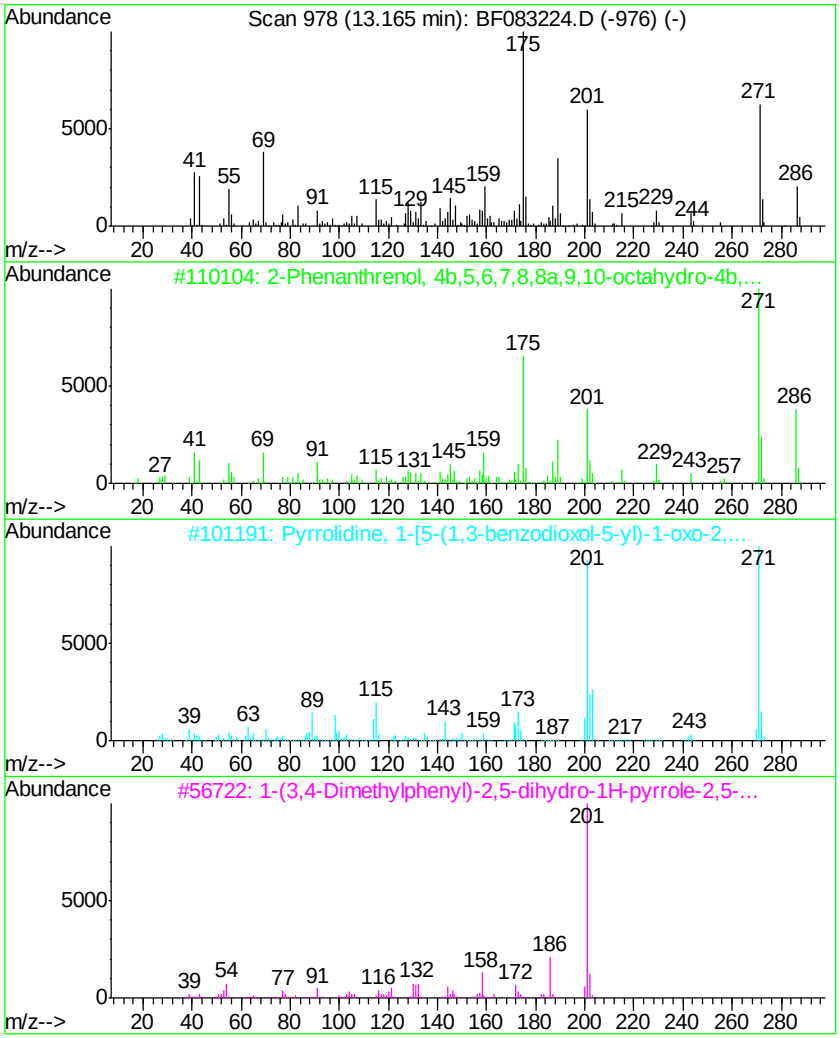
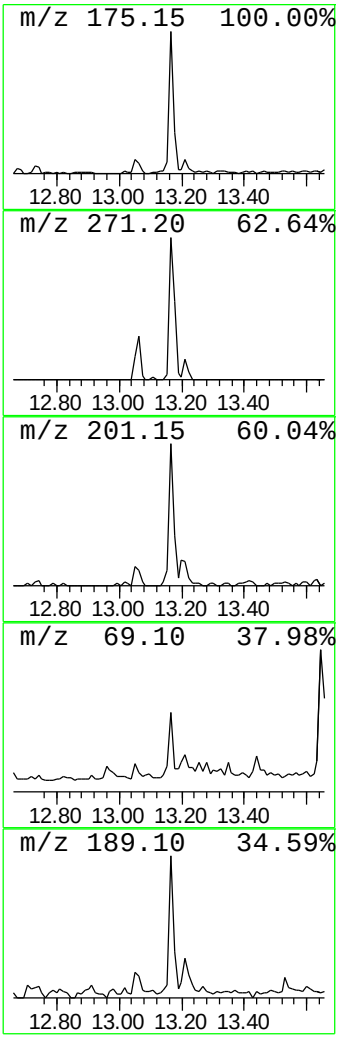
Peak Number 8 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.17 ng	301672	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	55
2	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	30
3	1-(3,4-Dimethylphenyl)-2,5-dihyd...	201	C12H11NO2	064059-57-0	25
4	Quinoline, 3-(methylthio)-	175	C10H9NS	051934-46-4	18
5	1,2,3,6-Tetrahydropyridine, 4-[4...	175	C11H13NO	090684-15-4	18





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Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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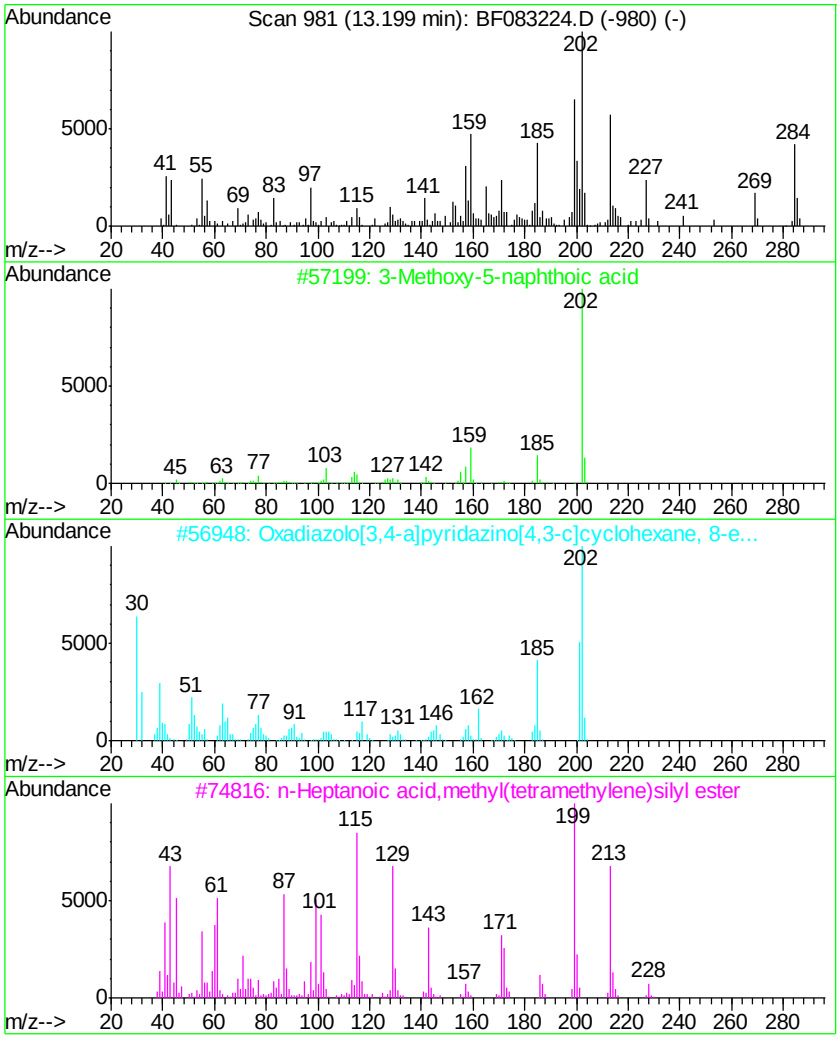
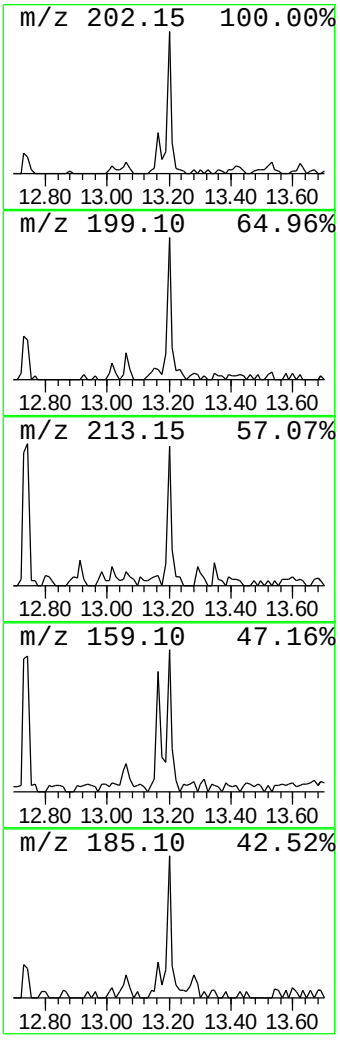
Peak Number 9 unknown13.20 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.42 ng	319568	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	46
2	Oxadiazolo[3,4-a]pyridazino[4,3-...	202	C10H10N4O	1000260-59-4	22
3	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	15
4	Pyrene	202	C16H10	000129-00-0	14
5	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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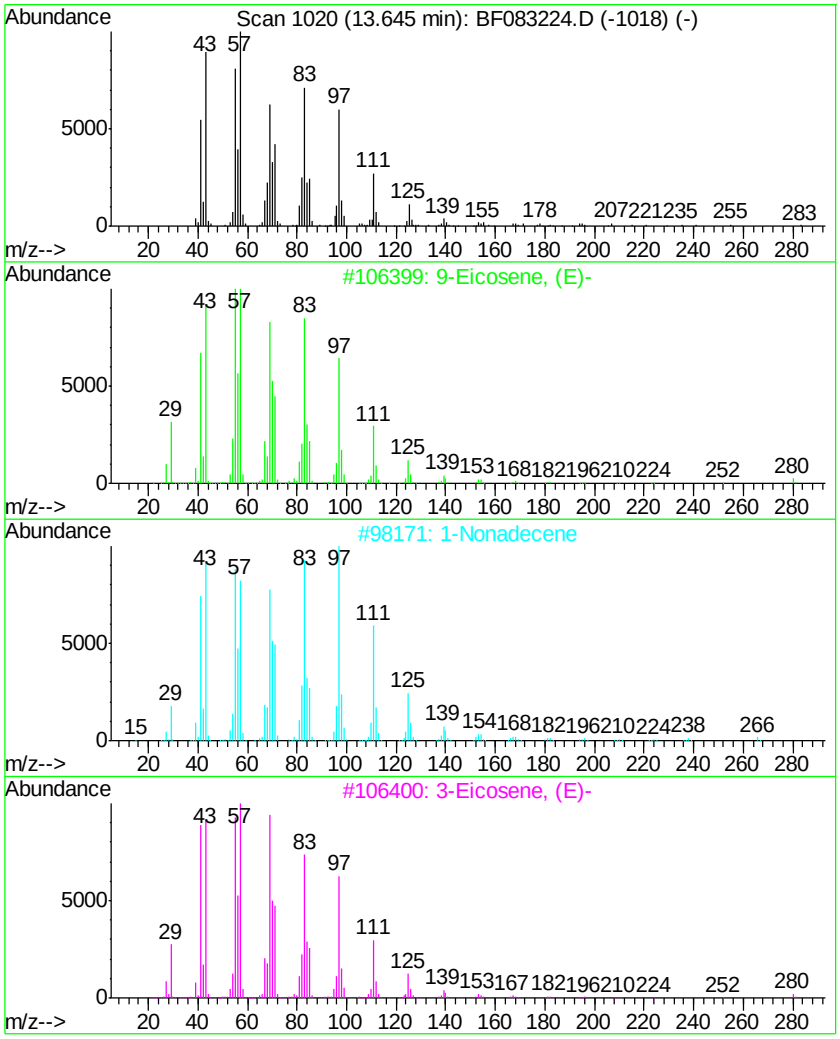
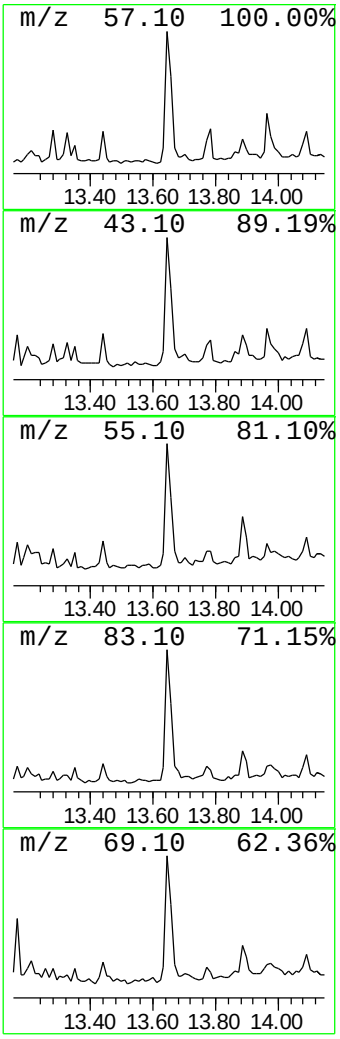
Peak Number 10 9-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	6.07 ng	438517	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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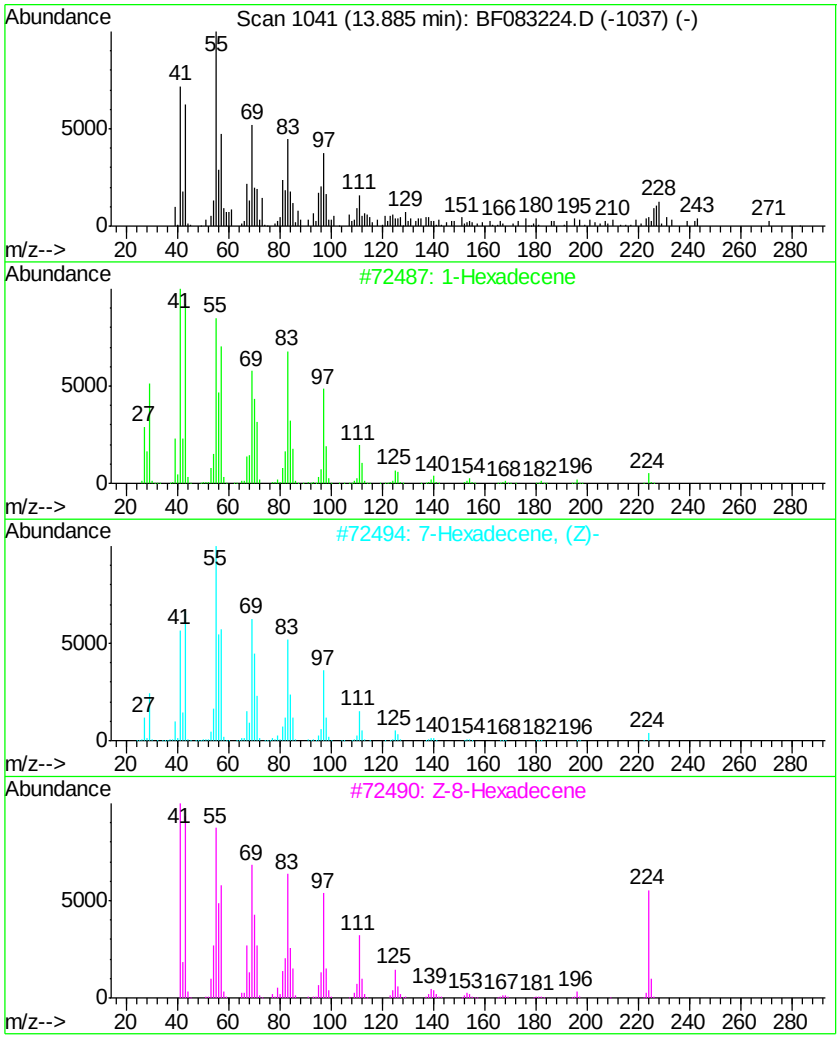
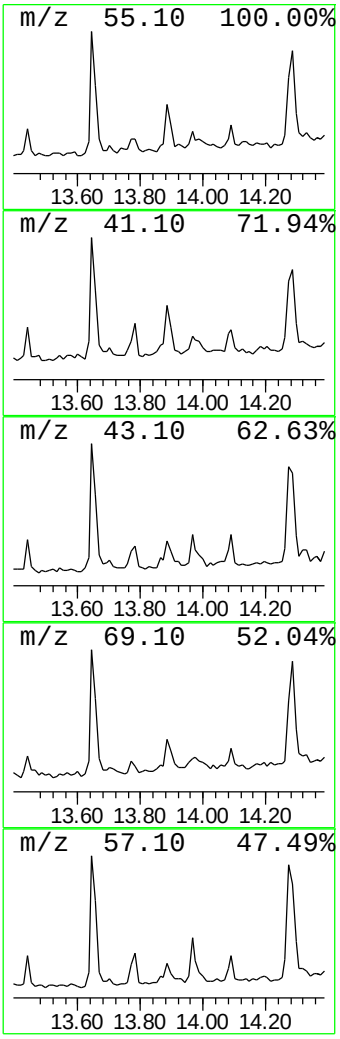
Peak Number 11 1-Hexadecene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.85 ng	205585	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	86
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	70
3	Z-8-Hexadecene	224	C16H32	1000130-87-5	70
4	Cyclohexadecane	224	C16H32	000295-65-8	70
5	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	64





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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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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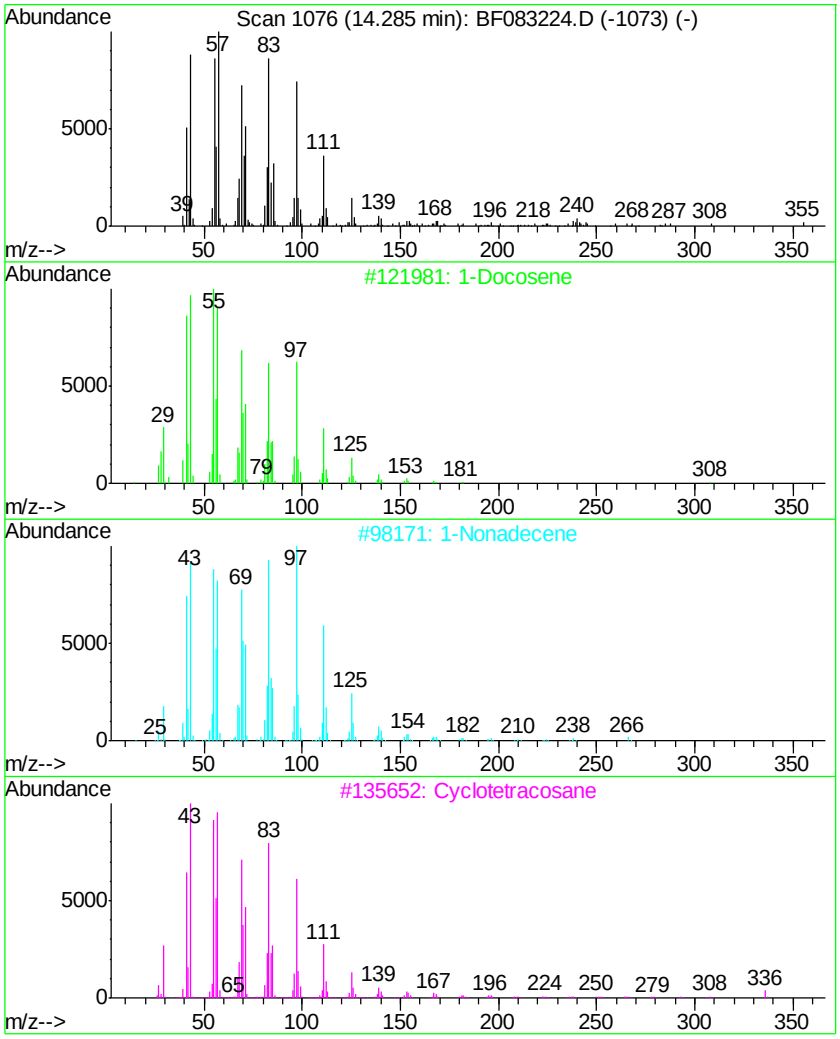
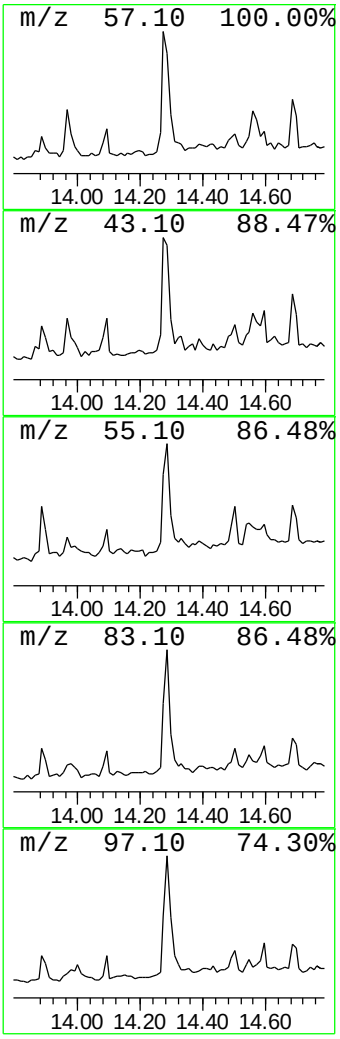
Peak Number 12 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	6.74 ng	487119	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	1-Docosanol	326	C22H46O	000661-19-8	91
5	1-Tricosene	322	C23H46	018835-32-0	91





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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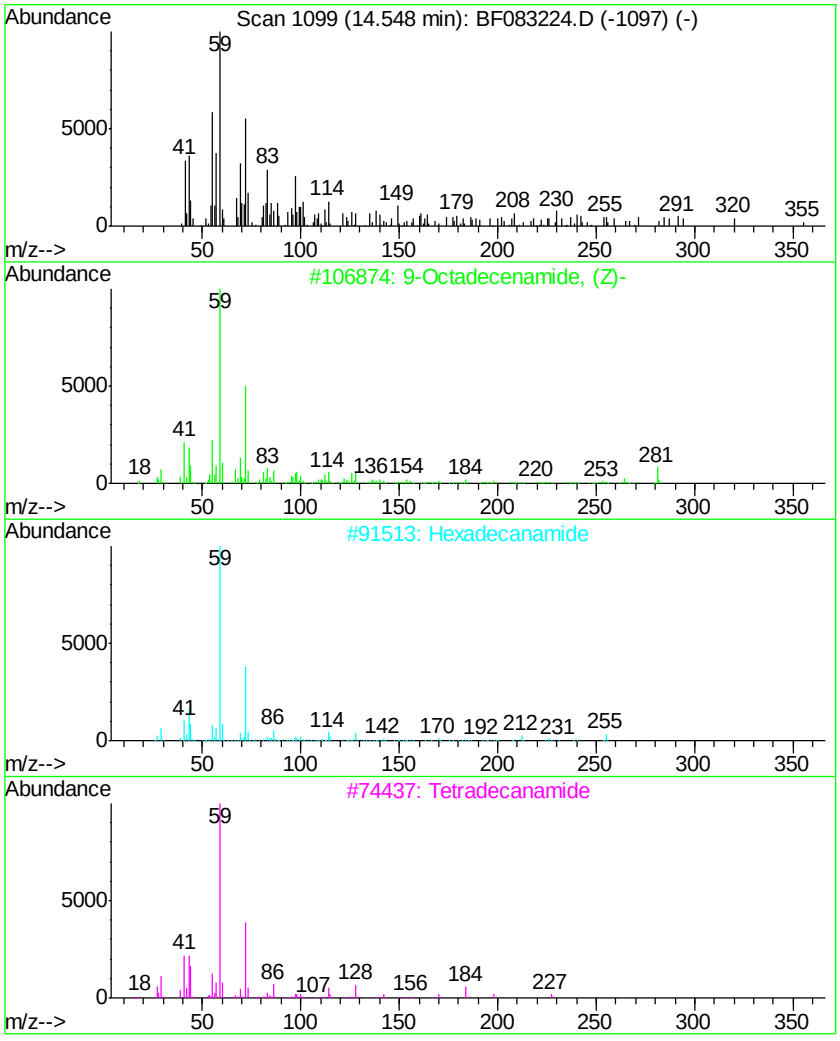
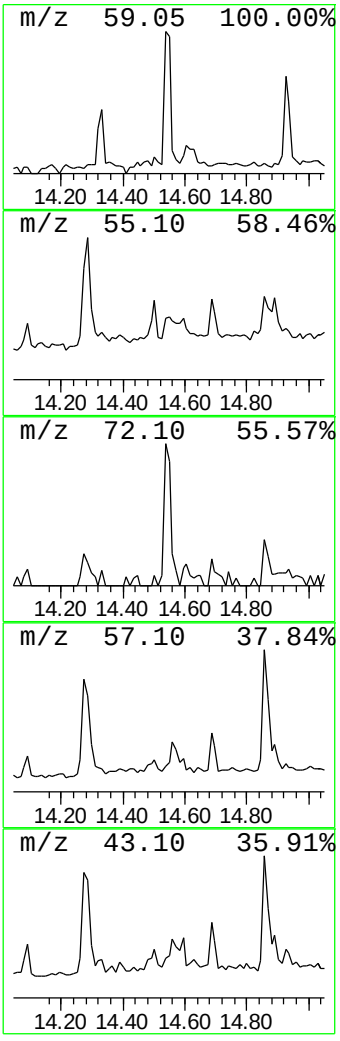
Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	4.63 ng	202668	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
2	Hexadecanamide	255	C16H33NO	000629-54-9	58
3	Tetradecanamide	227	C14H29NO	000638-58-4	47
4	3-Tridecanol	200	C13H28O	010289-68-6	43
5	3-Tetradecanol	214	C14H30O	001653-32-3	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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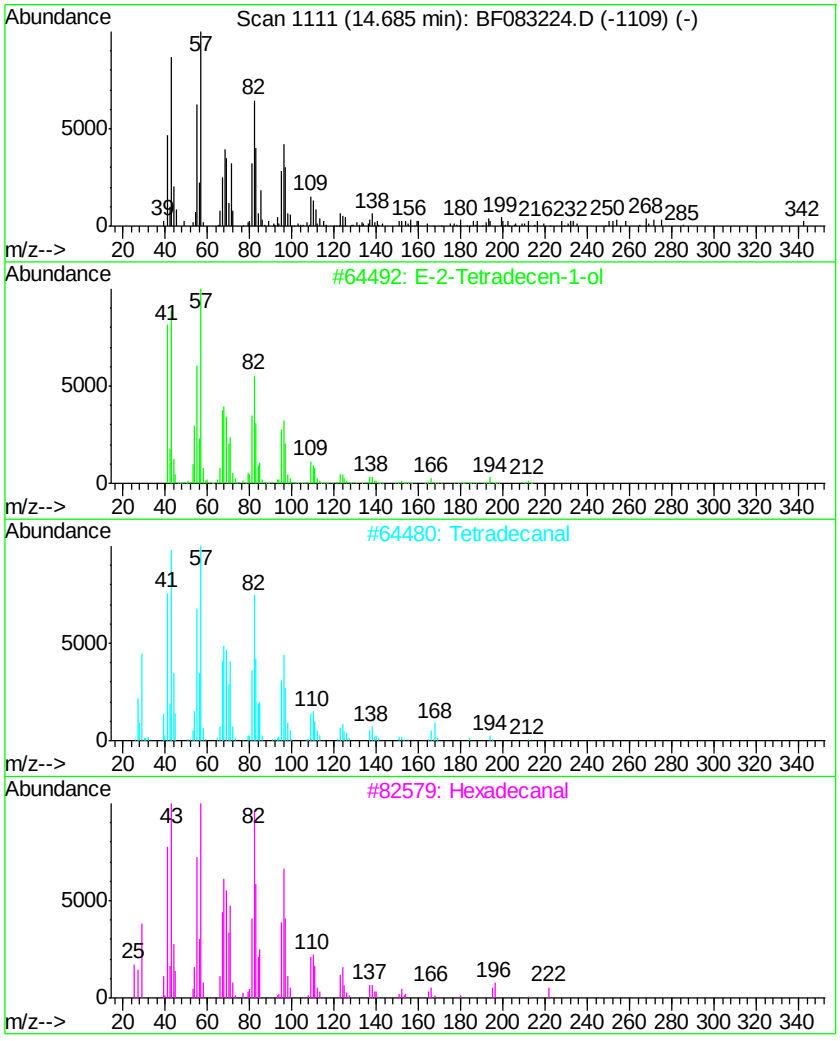
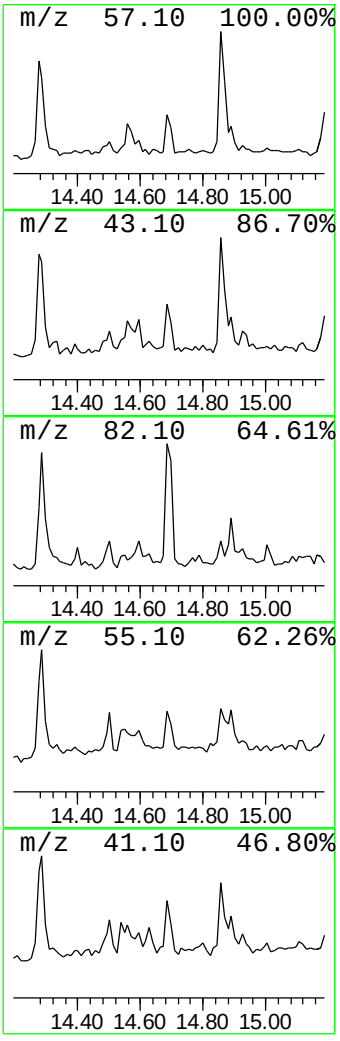
Peak Number 14 E-2-Tetradecen-1-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.40 ng	148788	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	94
2	Tetradecanal	212	C14H28O	000124-25-4	94
3	Hexadecanal	240	C16H32O	000629-80-1	91
4	17-Octadecenal	266	C18H34O	056554-86-0	90
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	87





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Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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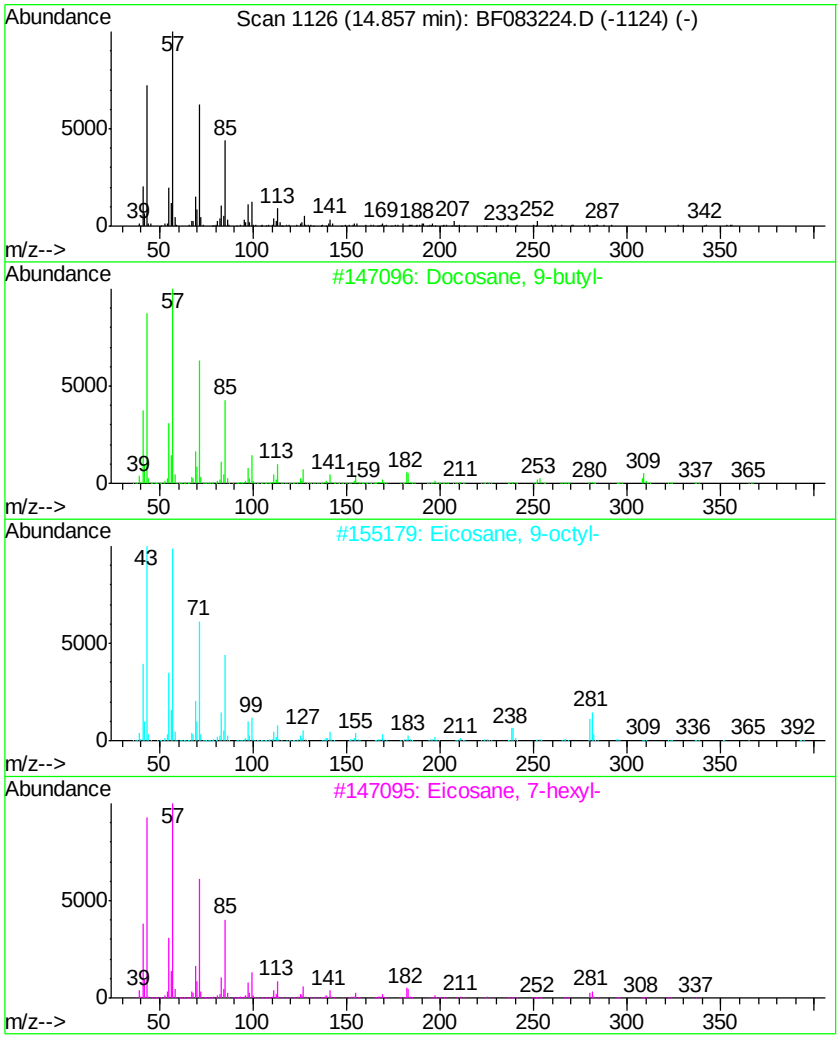
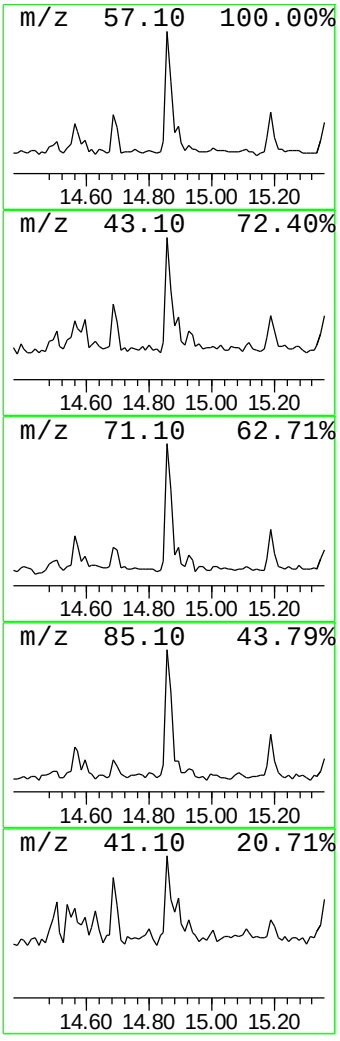
Peak Number 16 Docosane, 9-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	9.45 ng	413469	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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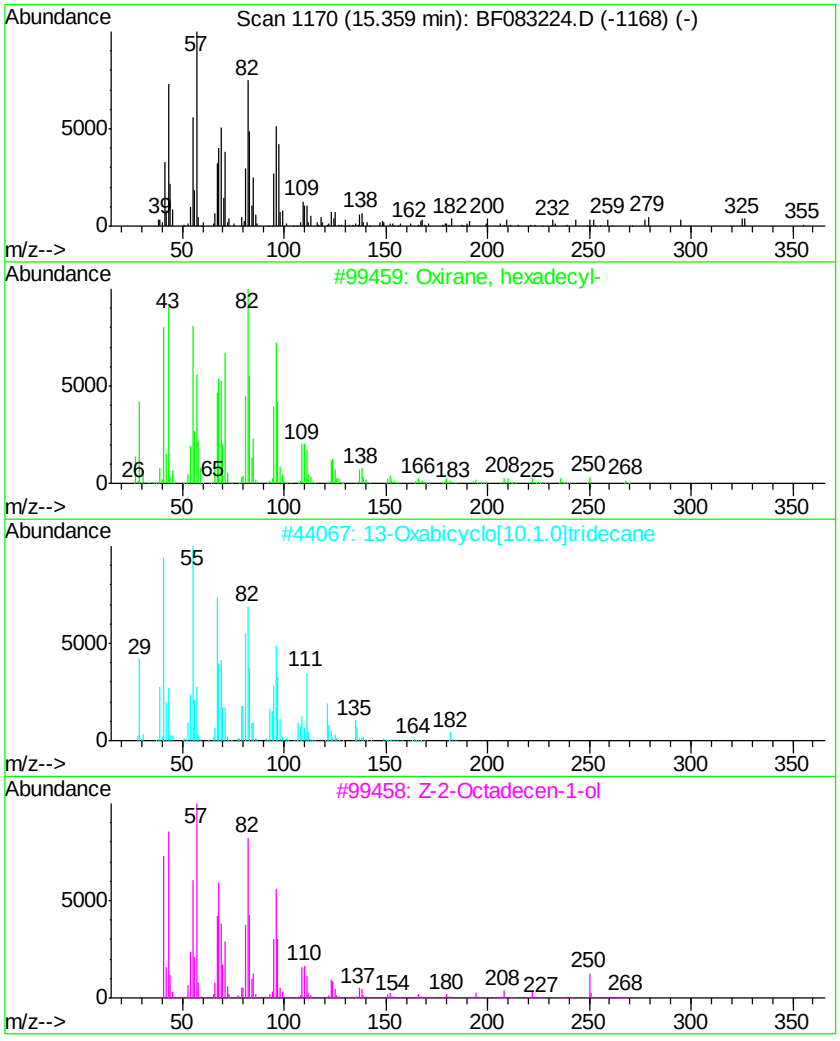
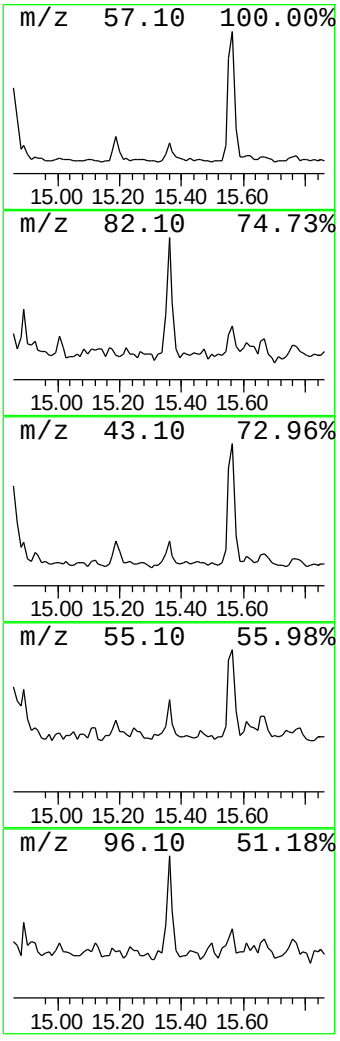
Peak Number 17 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.83 ng	123938	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	76
2	13-Oxabicyclo[10.1.0]tridecane	182	C12H22O	000286-99-7	68
3	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	59
4	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	58
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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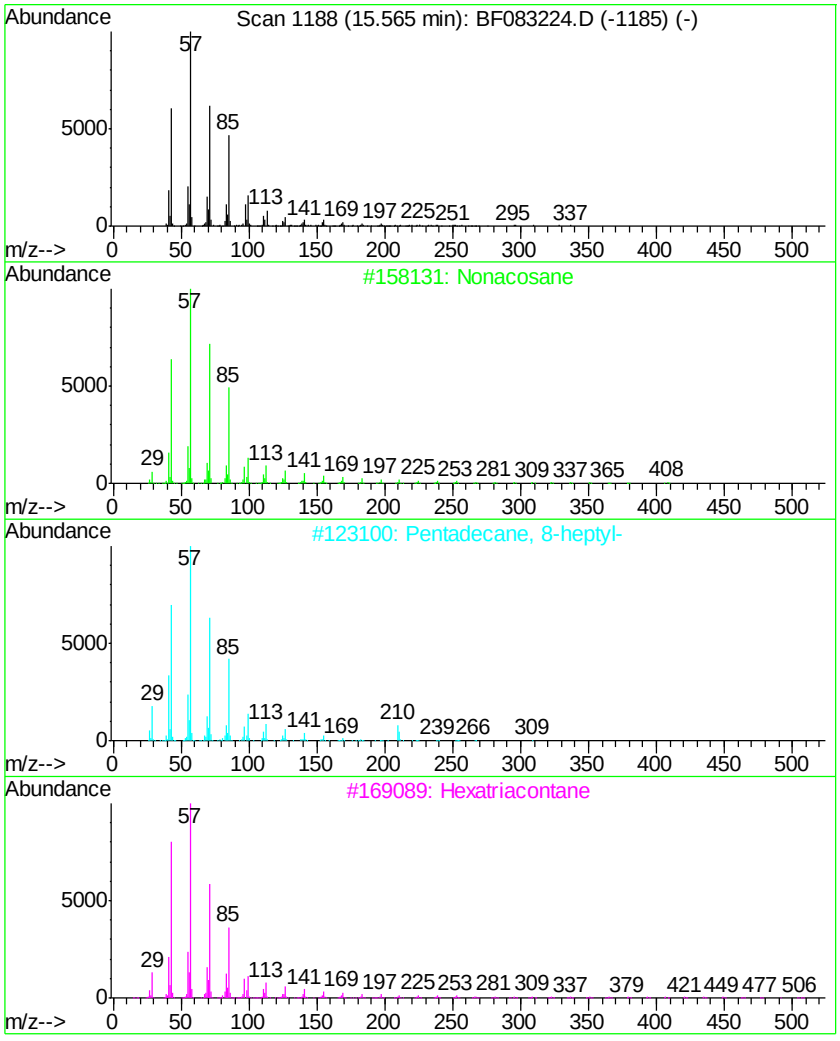
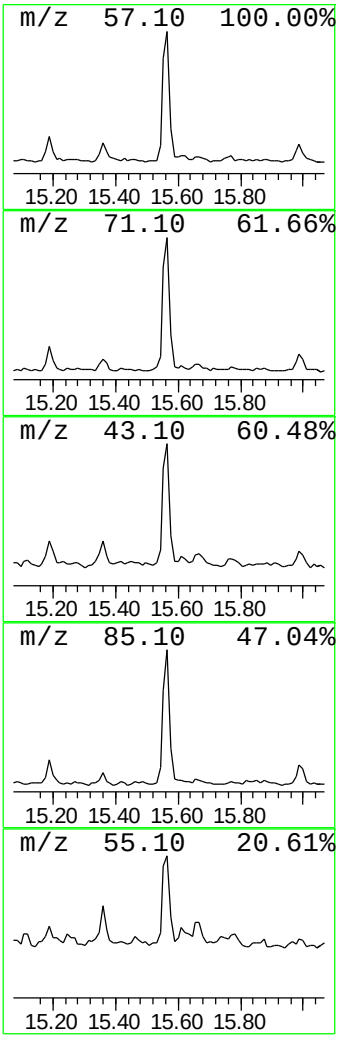
Peak Number 18 Nonacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	11.87 ng	519047	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	90
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3	Hexatriacontane	507	C36H74	000630-06-8	83
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Octacosane	394	C28H58	000630-02-4	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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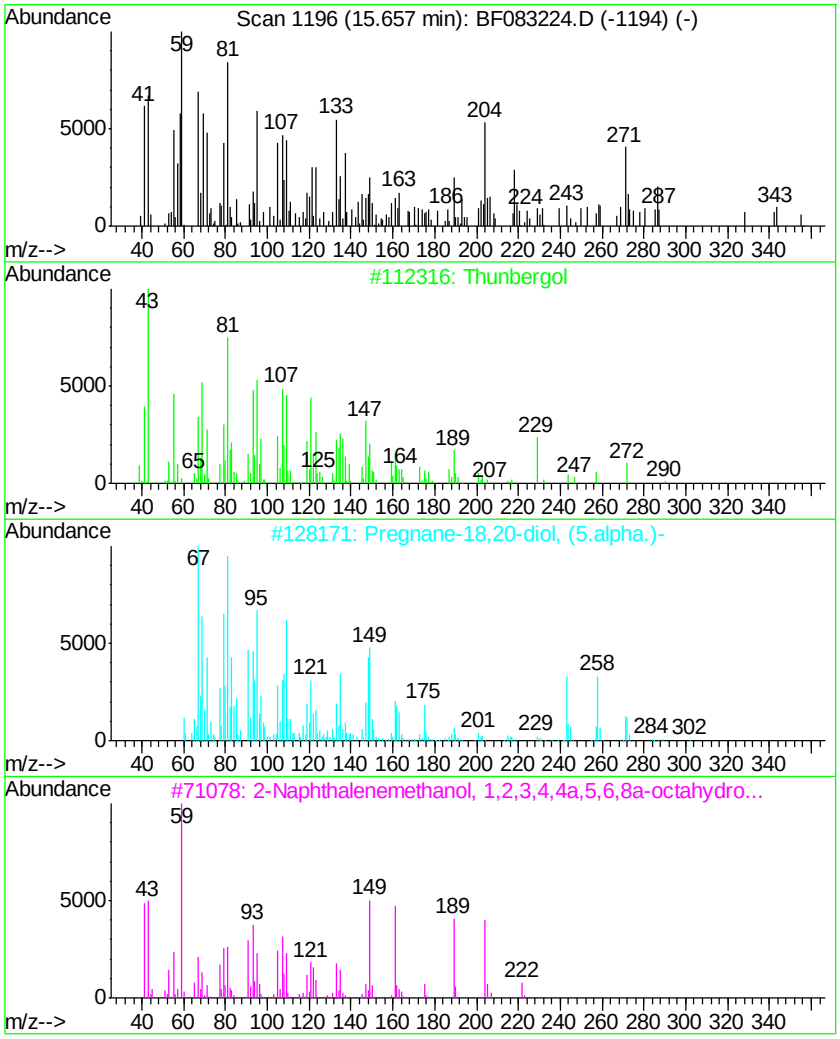
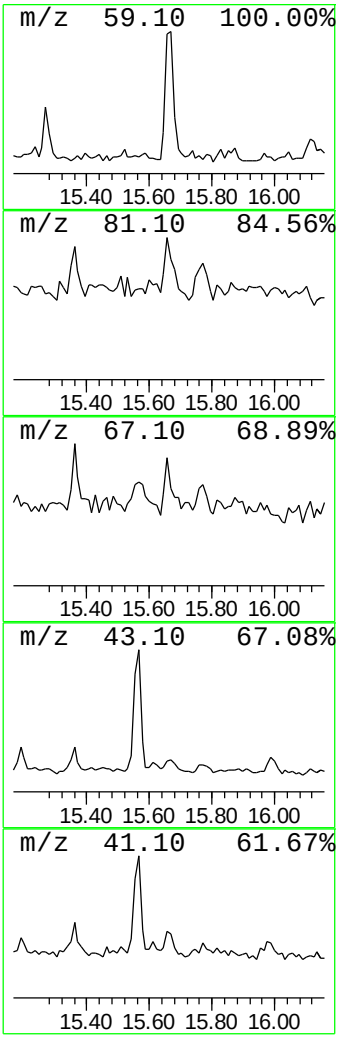
Peak Number 19 unknown15.66 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.71 ng	206222	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thunbergol	290	C20H34O	025269-17-4	38
2	Pregnane-18,20-diol, (5.alpha.)-	320	C21H36O2	056053-10-2	35
3	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	22
4	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	000489-39-4	14
5	3,7-Cyclodecadiene-1-methanol, ...	222	C15H26O	021657-90-9	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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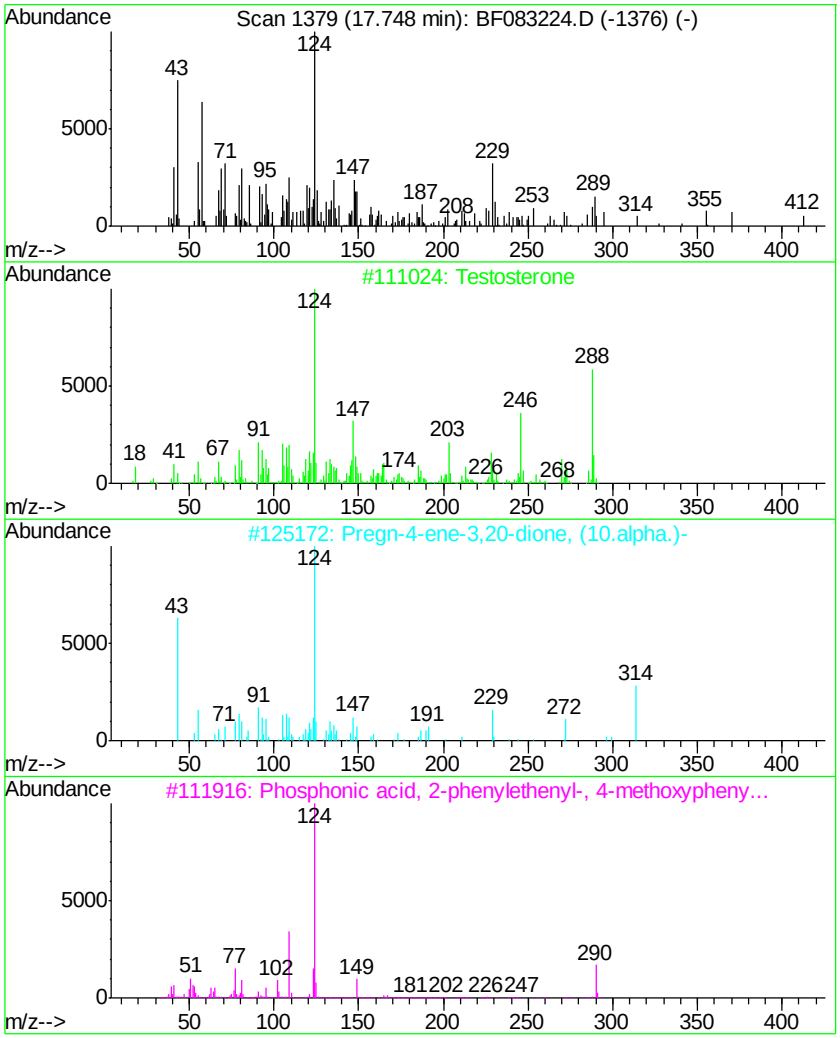
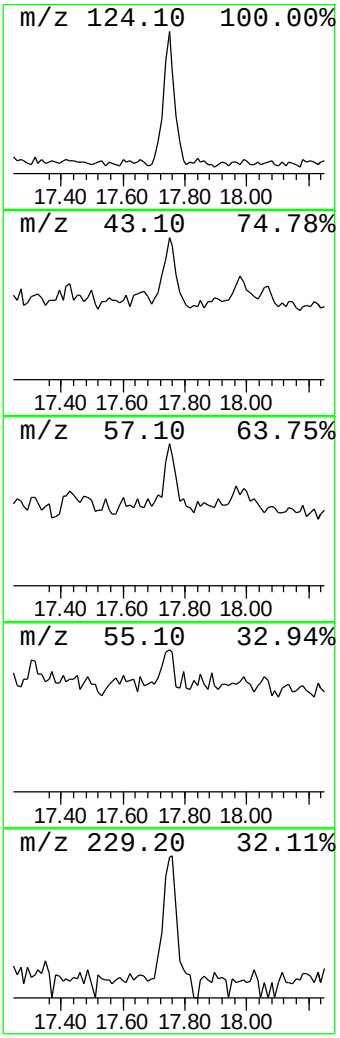
Peak Number 20 unknown17.75 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	5.87 ng	256861	Perylene-d12	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Testosterone	288	C19H28O2	000058-22-0	49
2	Pregn-4-ene-3,20-dione, (10.alph...	314	C21H30O2	003562-13-8	38
3	Phosphonic acid, 2-phenylethenyl...	290	C15H15O4P	330855-58-8	35
4	Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	35
5	Aspidospermidin-3-ol, 1-acetyl-1...	370	C22H30N2O3	054725-60-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083224.D
Acq On : 24 Nov 2015 1:03
Operator : UM/IZ
Sample : G4496-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A18-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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
unknown4.79	4.79	31.1	ng	2005280	1	6.64	1287780	20.0
unknown6.42	6.42	61.2	ng	3941710	1	6.64	1287780	20.0
Naphthalene, 1,2,...	9.80	3.4	ng	295943	3	9.68	1732490	20.0
Tetradecane	10.59	3.2	ng	243858	4	11.15	1524590	20.0
Tetradecanoic acid	11.70	4.3	ng	328509	4	11.15	1524590	20.0
trans-Chlordane	12.46	7.0	ng	535139	4	11.15	1524590	20.0
2-Phenanthrenol, ...	13.16	4.2	ng	301672	5	13.78	1445220	20.0
unknown13.20	13.20	4.4	ng	319568	5	13.78	1445220	20.0
9-Eicosene, (E)-	13.65	6.1	ng	438517	5	13.78	1445220	20.0
1-Hexadecene	13.89	2.9	ng	205585	5	13.78	1445220	20.0
1-Docosene	14.29	6.7	ng	487119	5	13.78	1445220	20.0
9-Octadecenamide,...	14.55	4.6	ng	202668	6	15.14	874764	20.0
E-2-Tetradecen-1-ol	14.69	3.4	ng	148788	6	15.14	874764	20.0
Docosane, 9-butyl-	14.86	9.4	ng	413469	6	15.14	874764	20.0
Oxirane, hexadecyl-	15.36	2.8	ng	123938	6	15.14	874764	20.0
Nonacosane	15.57	11.9	ng	519047	6	15.14	874764	20.0
unknown15.66	15.66	4.7	ng	206222	6	15.14	874764	20.0
unknown17.75	17.75	5.9	ng	256861	6	15.14	874764	20.0