LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

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-BF012916.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	4.179	181	183	188	rBV	176632	267983	5.89%	0.555%
2	4.887	241	245	254	rVB	2500519	3507502	77.04%	7.265%
3	5.322	281	283	286	rBV	3556321	3935022	86.43%	8.150%
4	5.722	316	318	321	rBV	206163	202469	4.45%	0.419%
5	6.373	372	375	378	rBV	3544747	3882627	85.28%	8.042%
6	6.499	383	386	388	rVV	4376660	4552812	100.00%	9.430%
7	6.567	388	392	397	rVB3	39148	74104	1.63%	0.153%
8	6.727	404	406	408	rBV	1053012	1129025	24.80%	2.338%
9	6.876	417	419	422	rBV	2732756	2987200	65.61%	6.187%
10	7.105	436	439	441	rBV	42974	61468	1.35%	0.127%
11	7.287	453	455	458	rBV	2083798	2662370	58.48%	5.514%
12	7.379	461	463	464	rBV	53323	49349	1.08%	0.102%
13	7.413	464	466	472	rVB	95108	125414	2.75%	0.260%
14	7.756	494	496	500	rBV2	50561	64410	1.41%	0.133%
15	8.008	516	518	522	rVB	1618852	1460312	32.07%	3.025%
16	9.093	610	613	615	rBV	4316100	4281823	94.05%	8.868%
17	9.173	618	620	623	rBV2	57919	75767	1.66%	0.157%
18	9.425	639	642	645	rBV3	27317	50253	1.10%	0.104%
19	9.482	645	647	649	rBV	650108	892543	19.60%	1.849%
20	9.699	665	666	669	rBV	92427	131184	2.88%	0.272%
21	9.756	669	671	673	rVV	1186172	1405598	30.87%	2.911%
22	9.791	673	674	677	rVB	57723	51260	1.13%	0.106%
23	9.939	683	687	688	rBV2	27612	53207	1.17%	0.110%
24	9.962	688	689	691	rVV	57646	62203	1.37%	0.129%
25	10.031	691	695	696	rVB2	33993	60474	1.33%	0.125%
26	10.179	703	708	709	rBV2	41434	75687	1.66%	0.157%
27	10.202	709	710	712	rVB	219421	167785	3.69%	0.348%
28	10.305	718	719	722	rVB	55788	54353	1.19%	0.113%
29	10.419	726	729	732	rVV	62402	103701	2.28%	0.215%
30	10.545	738	740	742	rBV	2319901	2255871	49.55%	4.672%
31	10.671	750	751	756	rBV	175043	252787	5.55%	0.524%
32	10.876	764	769	770	rBV3	36119	76846	1.69%	0.159%
33	11.116	789	790	796	rVB	100545	209547	4.60%	0.434%
34	11.242	799	801	802	rBV	1267389	1250153	27.46%	2.589%

LSC Area Percent Report

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Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

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-BF012916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.311	804	807	809	rVB	100757	111248	2.44%	0.230%
36	11.471	819	821	825	rBV3	28207	73011	1.60%	0.151%
37	11.551	825	828	829	rBV2	98164	118081	2.59%	0.245%
38	11.574	829	830	834	rVB	479744	464506	10.20%	0.962%
39	11.745	843	845	846	rBV	59431	86485	1.90%	0.179%
40	11.768	846	847	850	rVV	110037	119557	2.63%	0.248%
41	11.848	852	854	859	rVB	130941	208195	4.57%	0.431%
42	11.951	859	863	866	rBV3	85996	158010	3.47%	0.327%
43	12.031	868	870	871	rBV2	35902	51470	1.13%	0.107%
44	12.294	891	893	896	rBV	189896	280461	6.16%	0.581%
45	12.374	898	900	902	rVV	1221653	1091842	23.98%	2.261%
46	12.442	904	906	908	rVB	337713	369543	8.12%	0.765%
47	12.511	908	912	913	rBV3	27746	71087	1.56%	0.147%
48	12.671	923	926	928	rBV	408039	548284	12.04%	1.136%
49	12.717	928	930	933	rVB2	73320	118038	2.59%	0.244%
50	12.831	937	940	942	rVB	1969449	2435722	53.50%	5.045%
51	13.002	954	955	957	rVB	73320	59120	1.30%	0.122%
52	13.071	959	961	962	rVV2	107365	102925	2.26%	0.213%
53	13.105	962	964	967	rBV2	81812	109930	2.41%	0.228%
54	13.197	970	972	973	rBV	79793	81153	1.78%	0.168%
55	13.368	985	987	988	rBV	81294	91570	2.01%	0.190%
56	13.414	989	991	996	rVB2	83055	138137	3.03%	0.286%
57	13.734	1017	1019	1022	rVB2	200774	283907	6.24%	0.588%
58	13.871	1028	1031	1036	rVB2	1273823	1545369	33.94%	3.201%
59	14.157	1054	1056	1059	rBV	122938	188326	4.14%	0.390%
60	14.317	1068	1070	1072	rBV	236025	251139	5.52%	0.520%
61	14.534	1087	1089	1090	rVB	128060	151503	3.33%	0.314%
62	14.717	1103	1105	1107	rVB	96199	102509	2.25%	0.212%
63	14.877	1117	1119	1122	rVB	146289	285486	6.27%	0.591%
64	15.140	1140	1142	1145	rVB	90738	128366	2.82%	0.266%
65	15.197	1145	1147	1150	rVB	137359	189358	4.16%	0.392%
66	15.254	1150	1152	1154	rBV	697096	947894	20.82%	1.963%
67	16.488	1257	1260	1264	rBV	189041	359605	7.90%	0.745%
68	18.911	1468	1472	1484	rVB6	128713	486600	10.69%	1.008%

Sum of corrected areas: 48281546

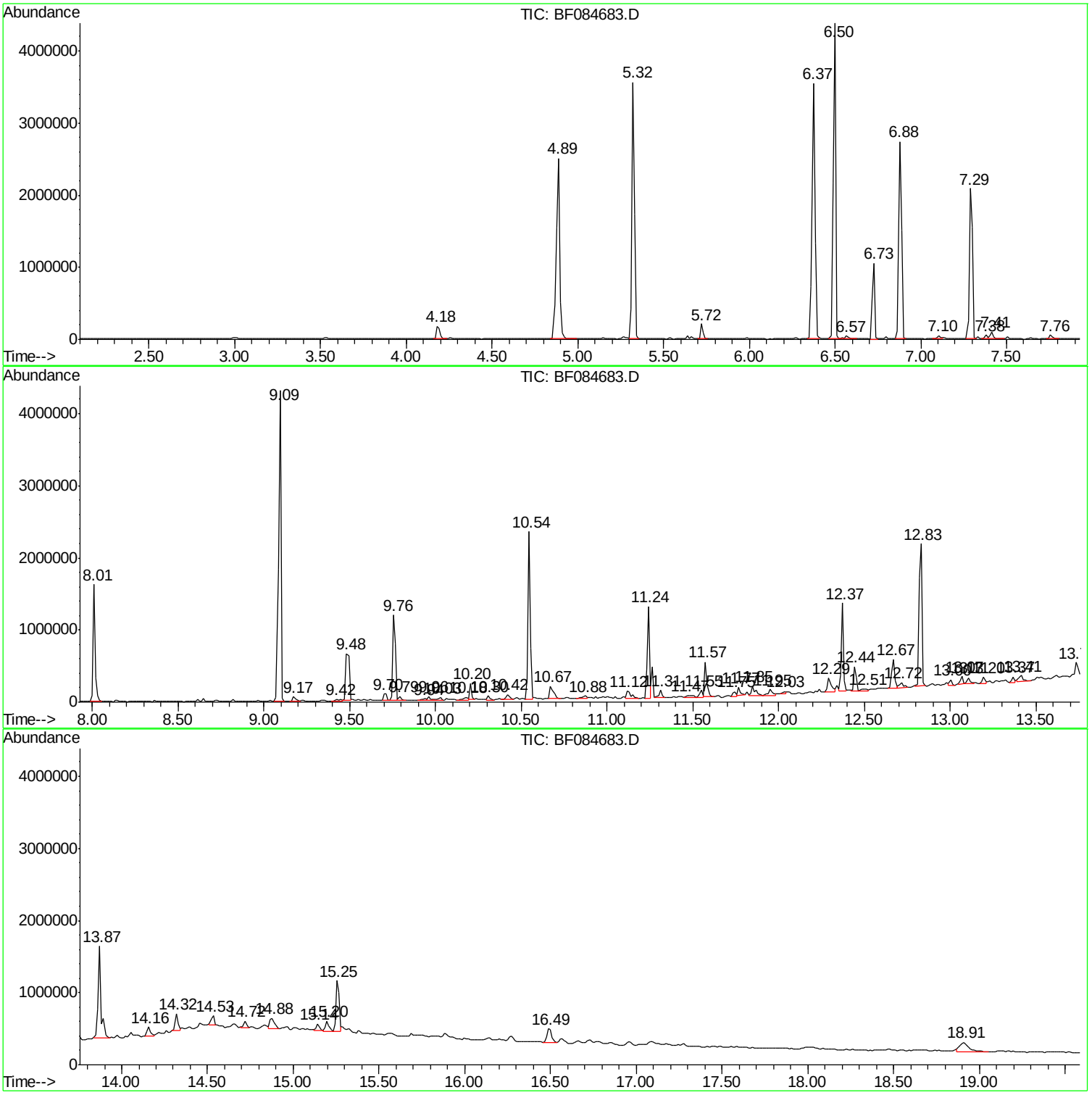
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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\BF013016\
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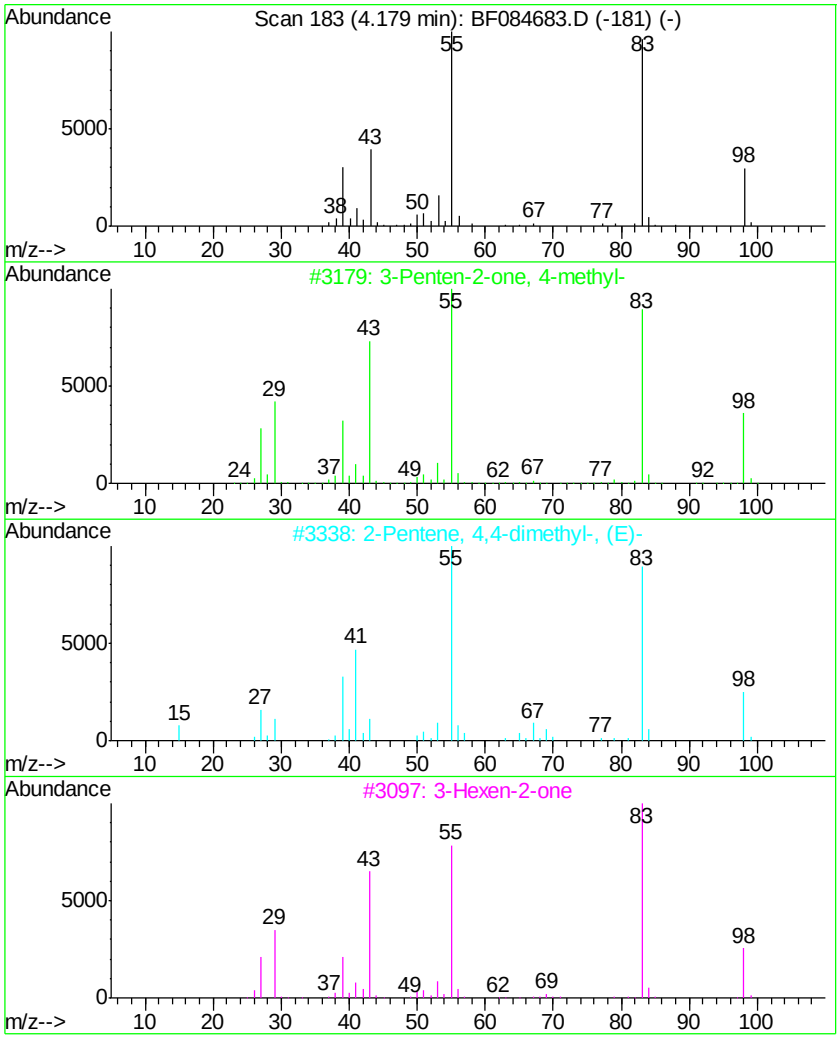
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

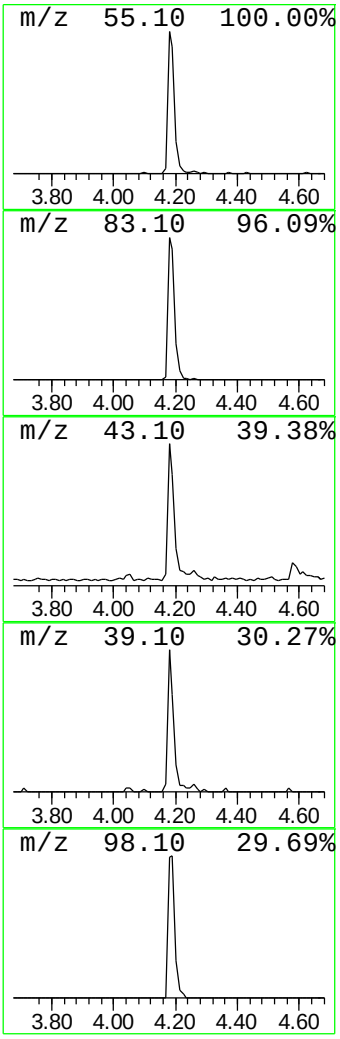
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	4.75 ng	267983	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
3	3-Hexen-2-one	98	C6H10O	000763-93-9	86
4	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	78
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

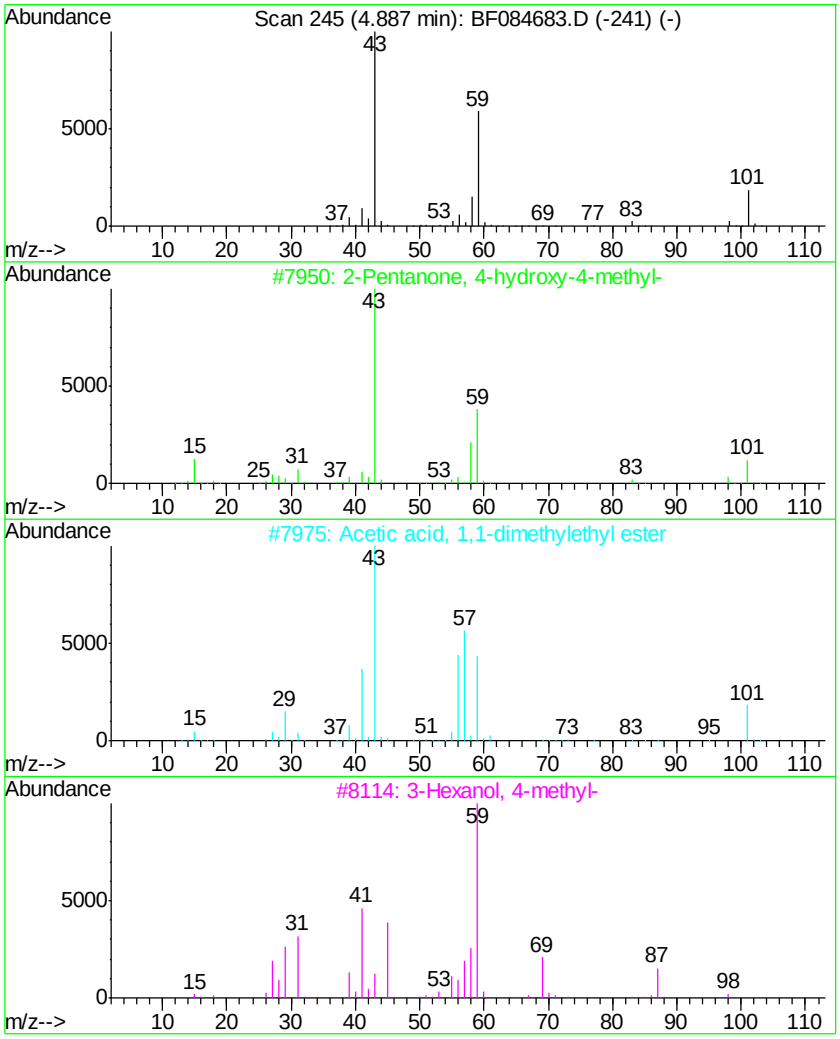
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

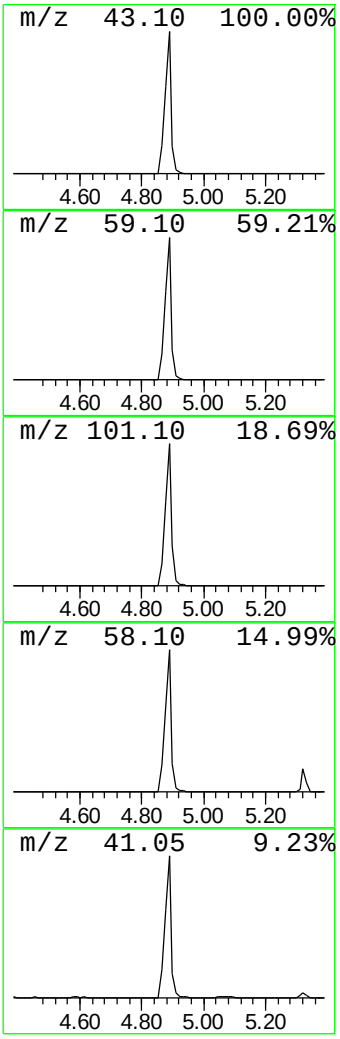
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	62.13 ng	3507500	1,4-Dichlorobenzene-d4	6.73

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

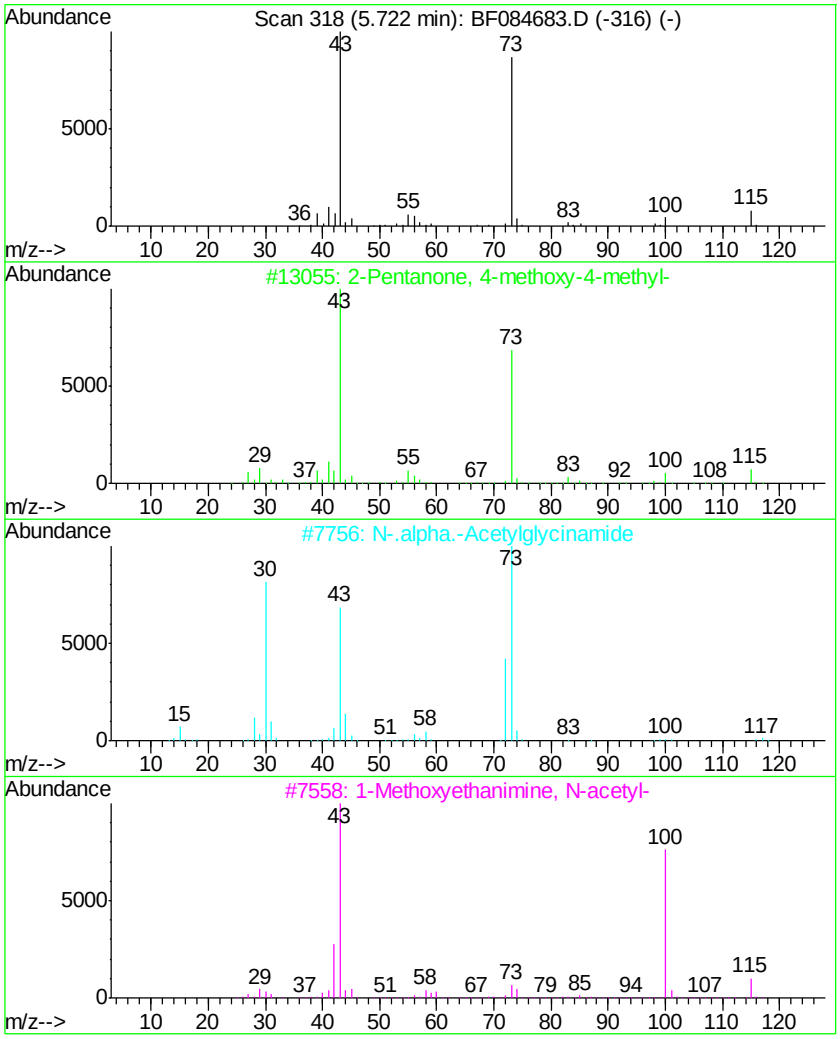
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

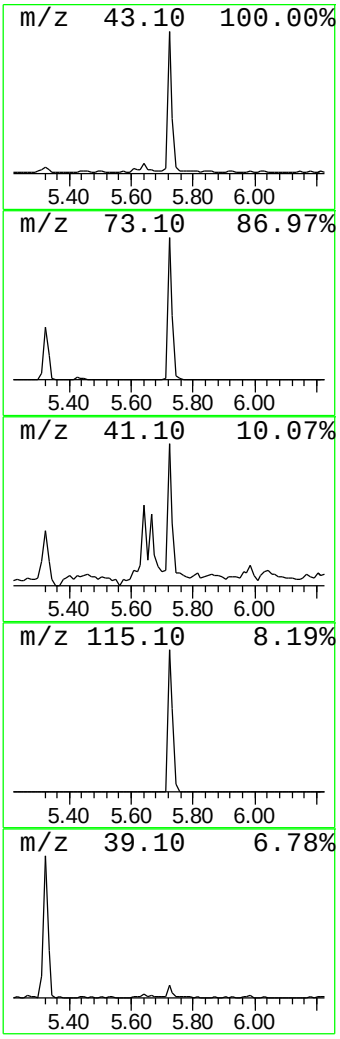
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	3.59 ng	202469	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	90
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	43
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	12
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
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Operator : SJ/IZ
Sample : H1273-05
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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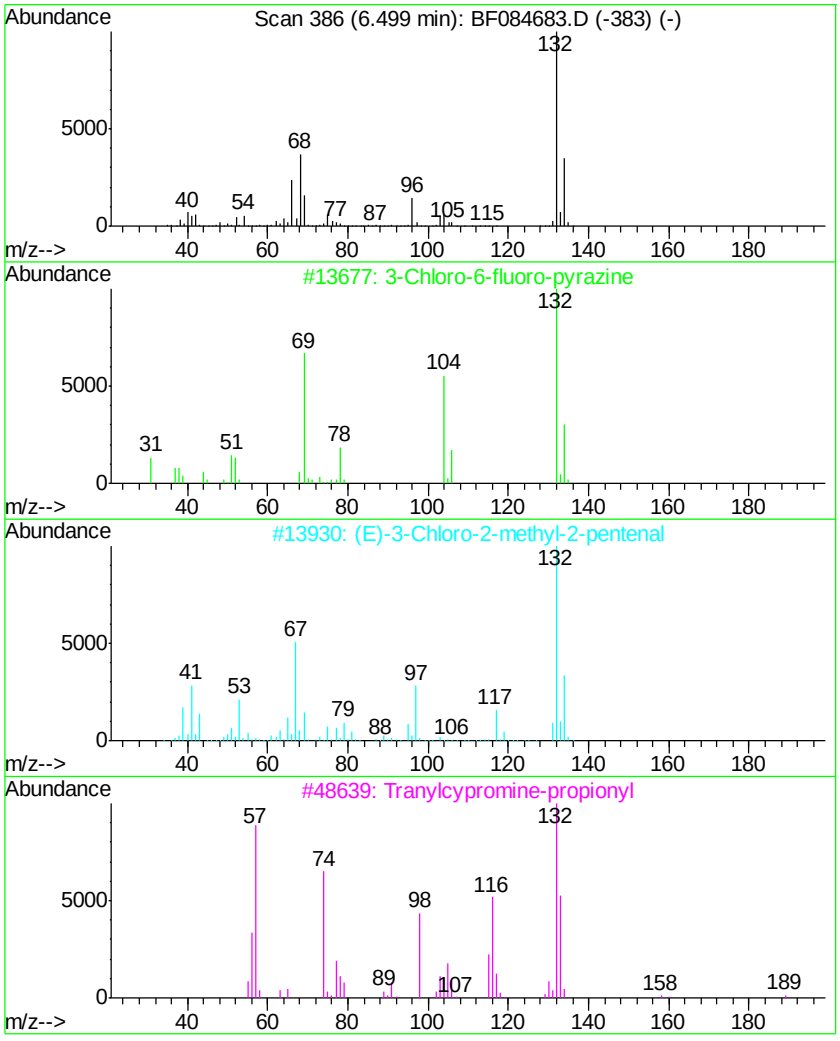
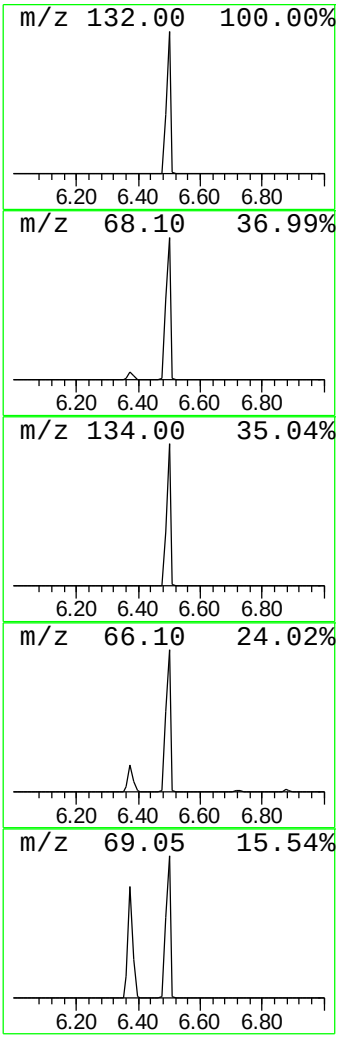
****

Peak Number 4 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	80.65 ng	4552810	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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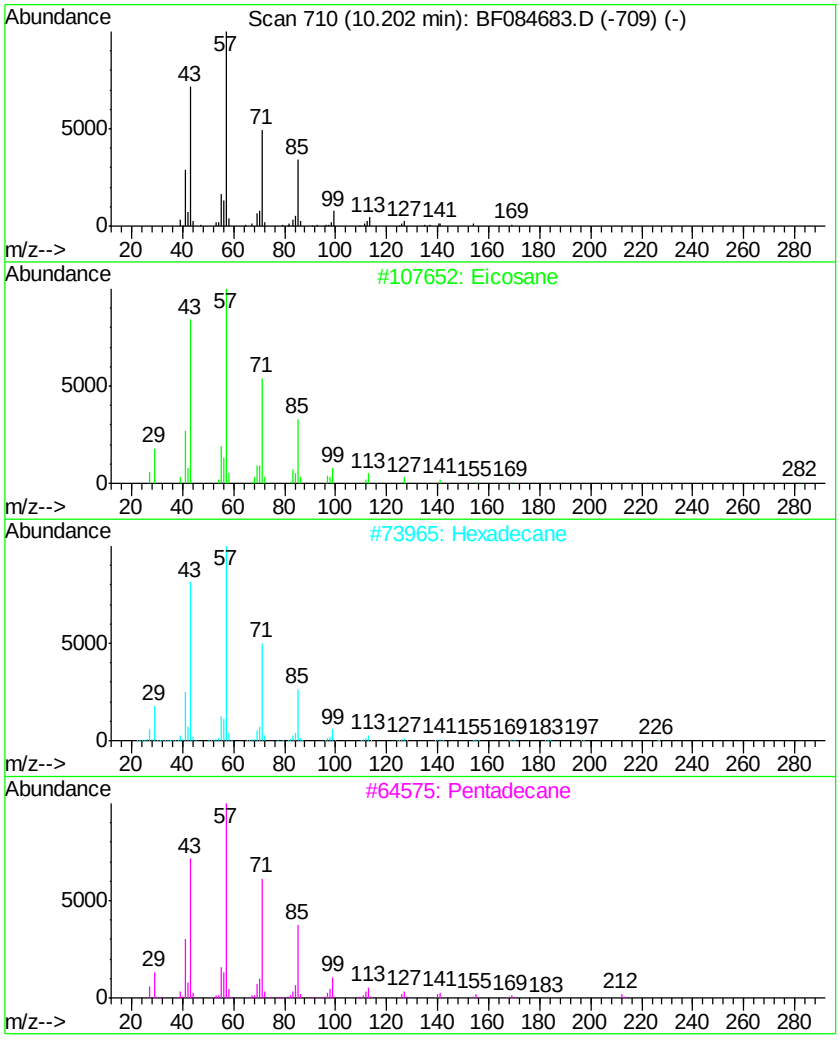
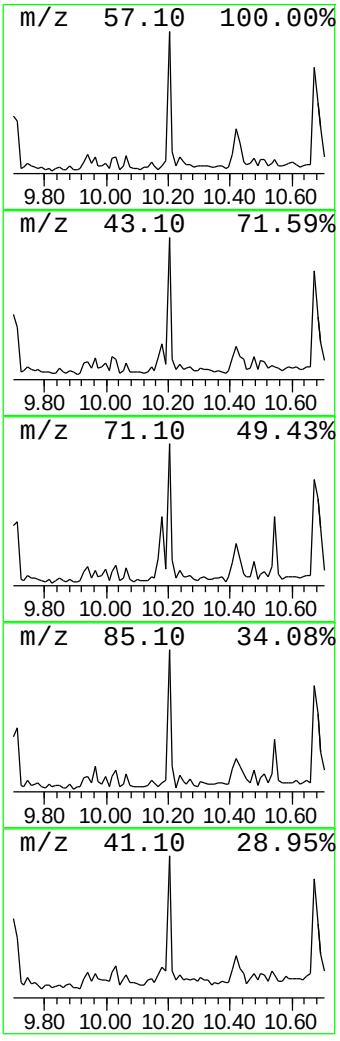
Peak Number 6 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.39 ng	167785	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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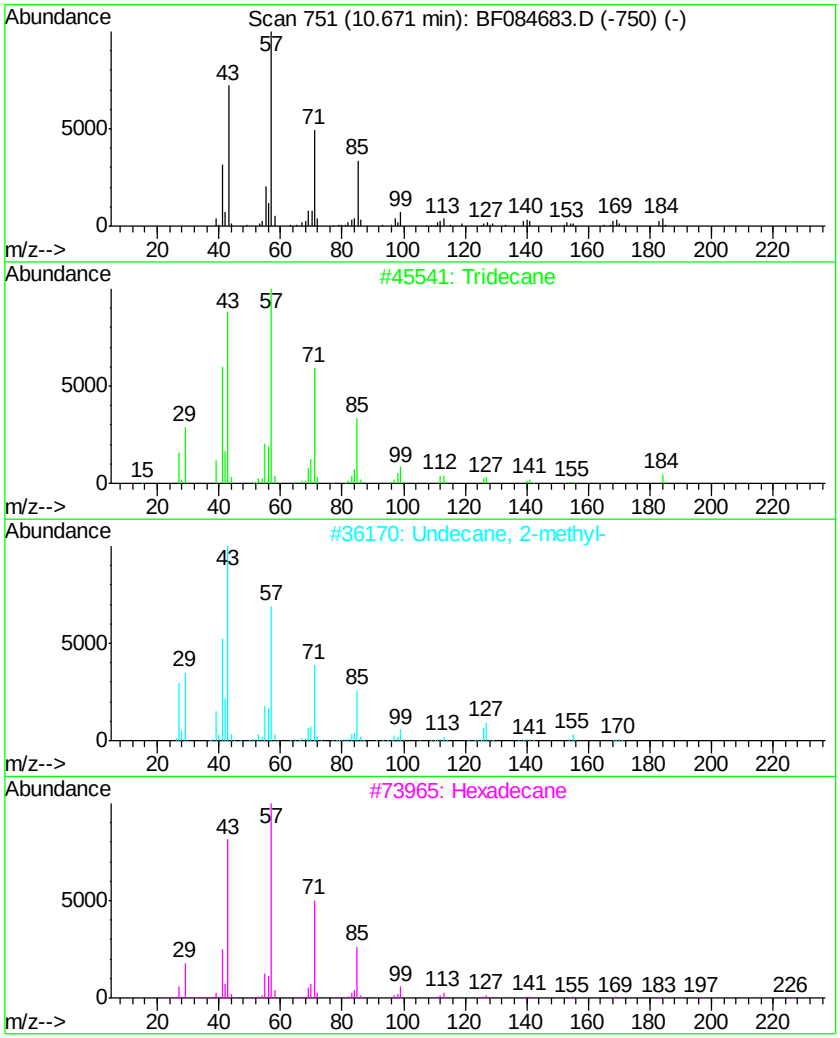
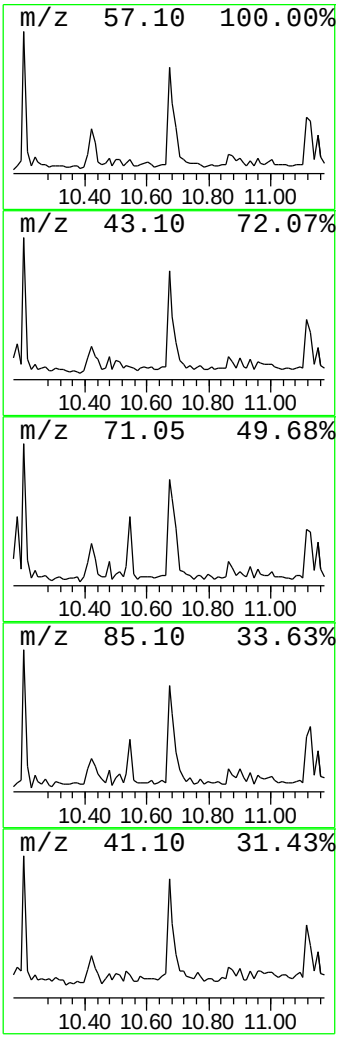
Peak Number 7 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	4.04 ng	252787	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane	170	C12H26	000112-40-3	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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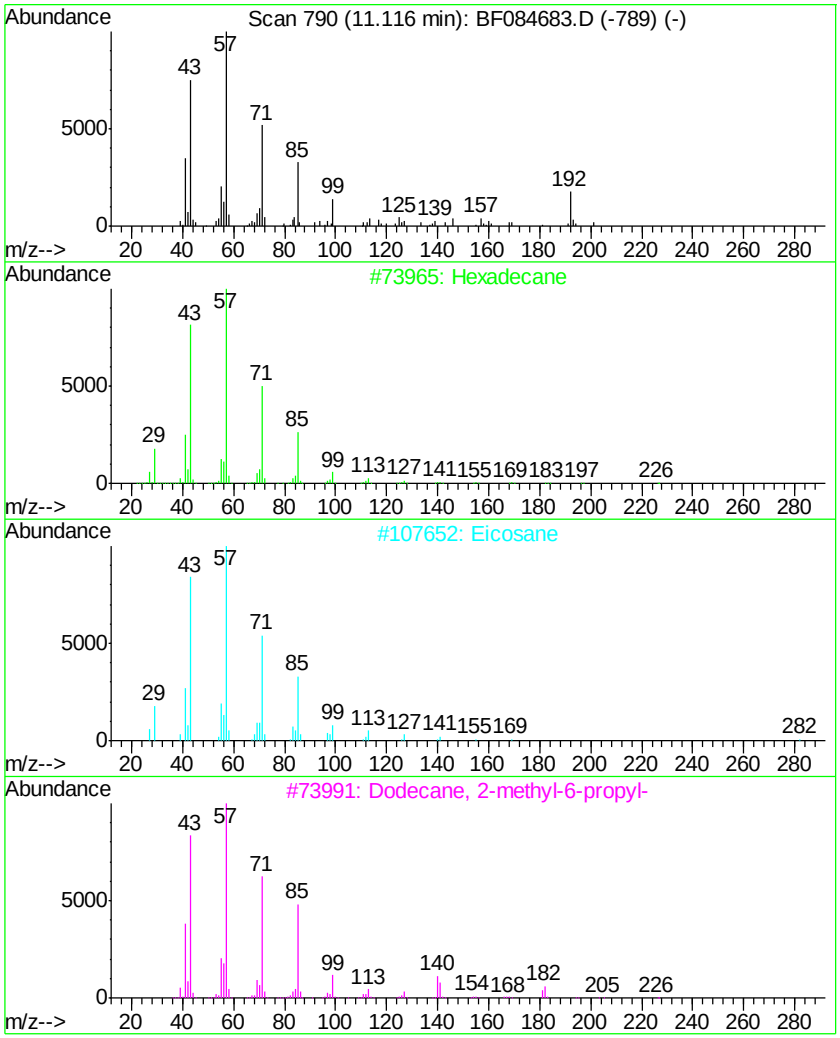
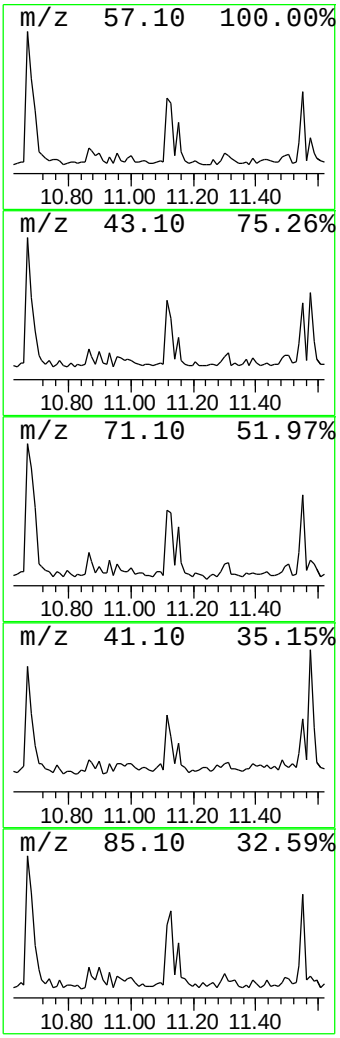
Peak Number 8 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.35 ng	209547	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Eicosane	282	C20H42	000112-95-8	58
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58
4	Pentadecane	212	C15H32	000629-62-9	58
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

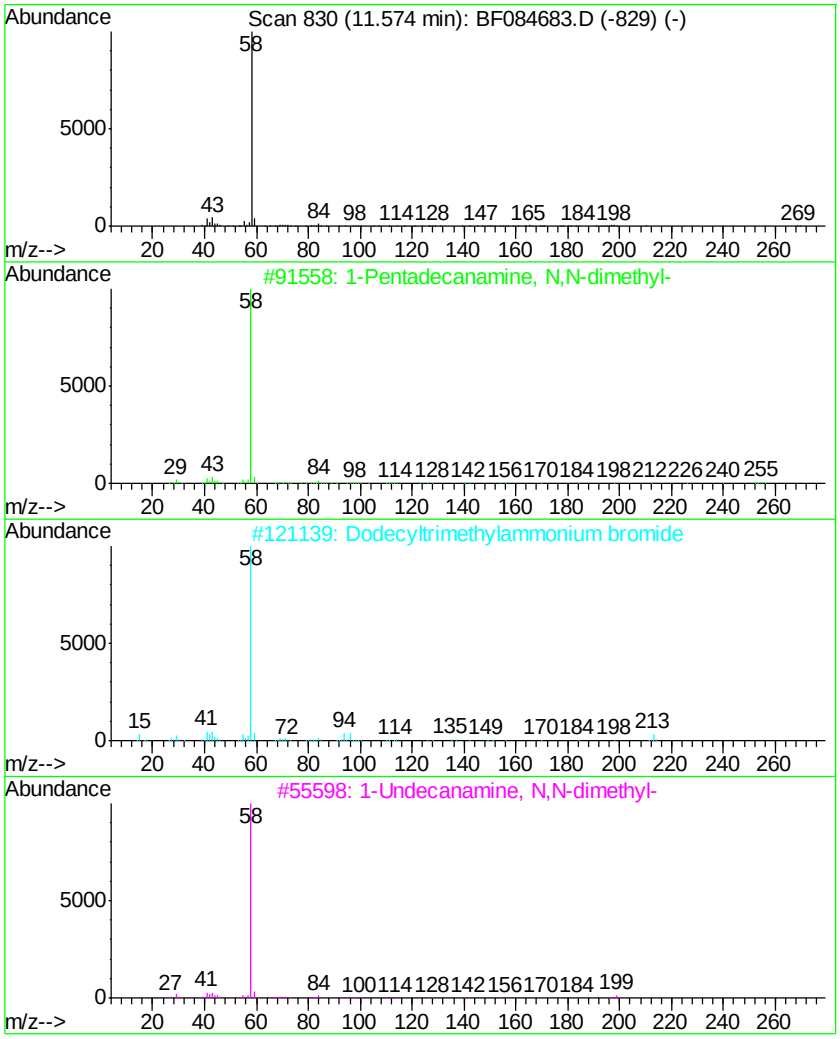
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

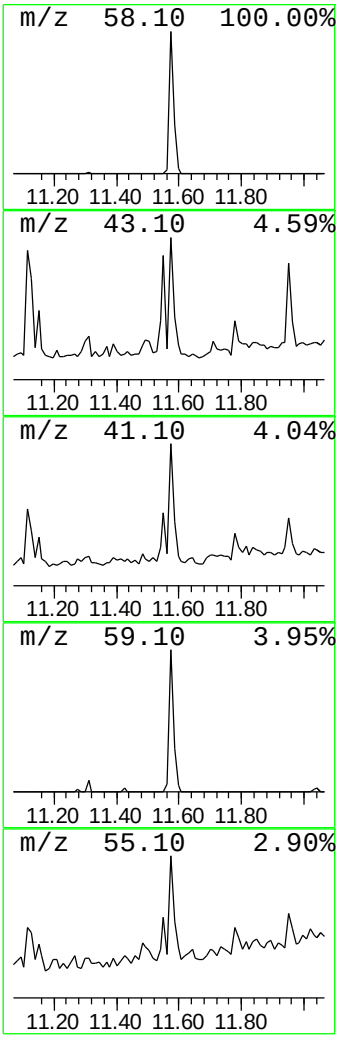
****

Peak Number 9 1-Pentadecanamine, N,N-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	7.43 ng	464506	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	72
2	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	72
3	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	72
4	1-Hexadecanamine, N,N-dimethyl-	269	C18H39N	000112-69-6	72
5	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	64





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Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

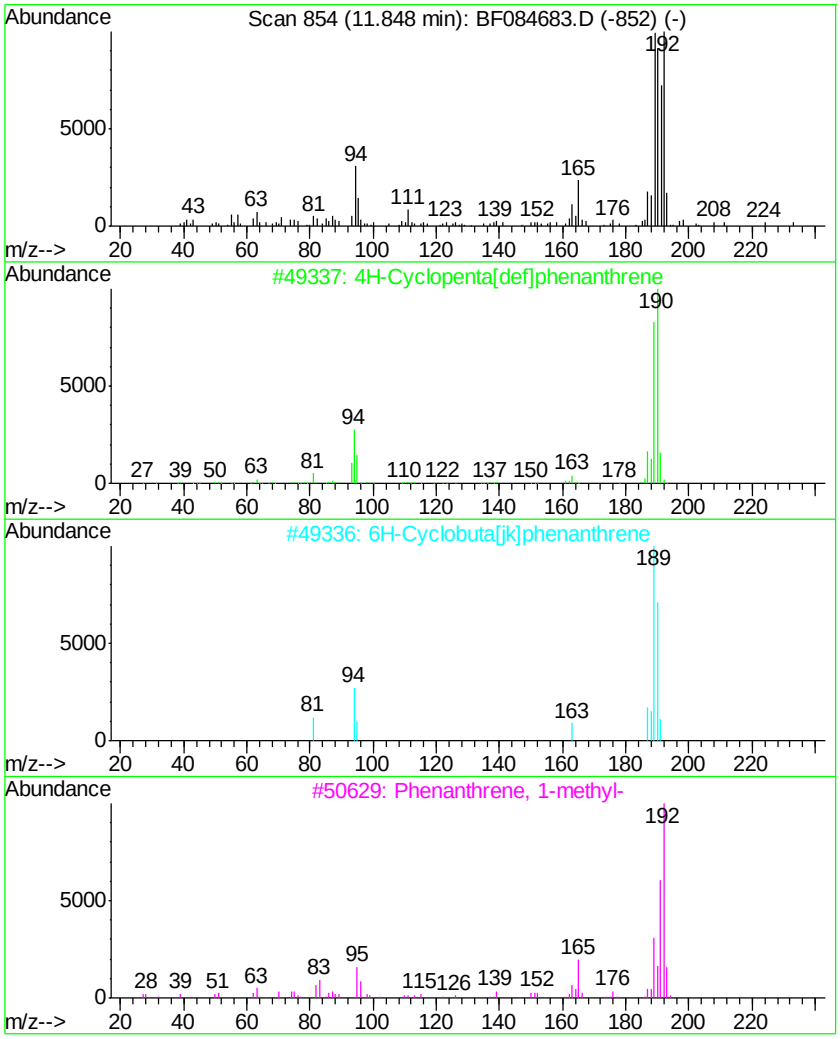
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

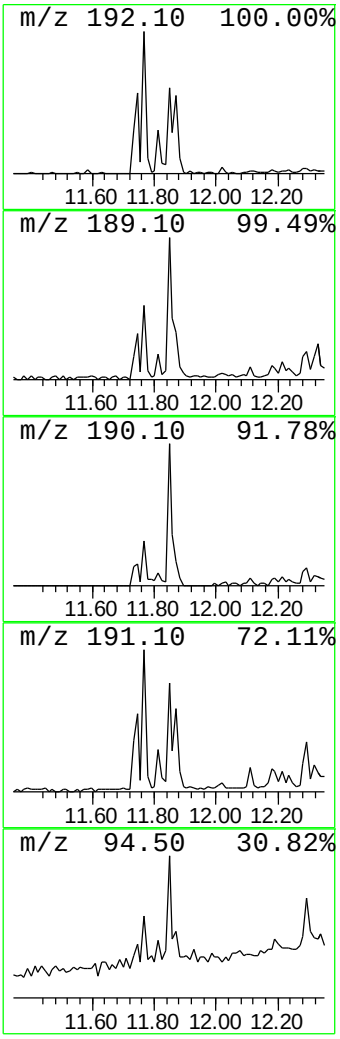
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.33 ng	208195	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41





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Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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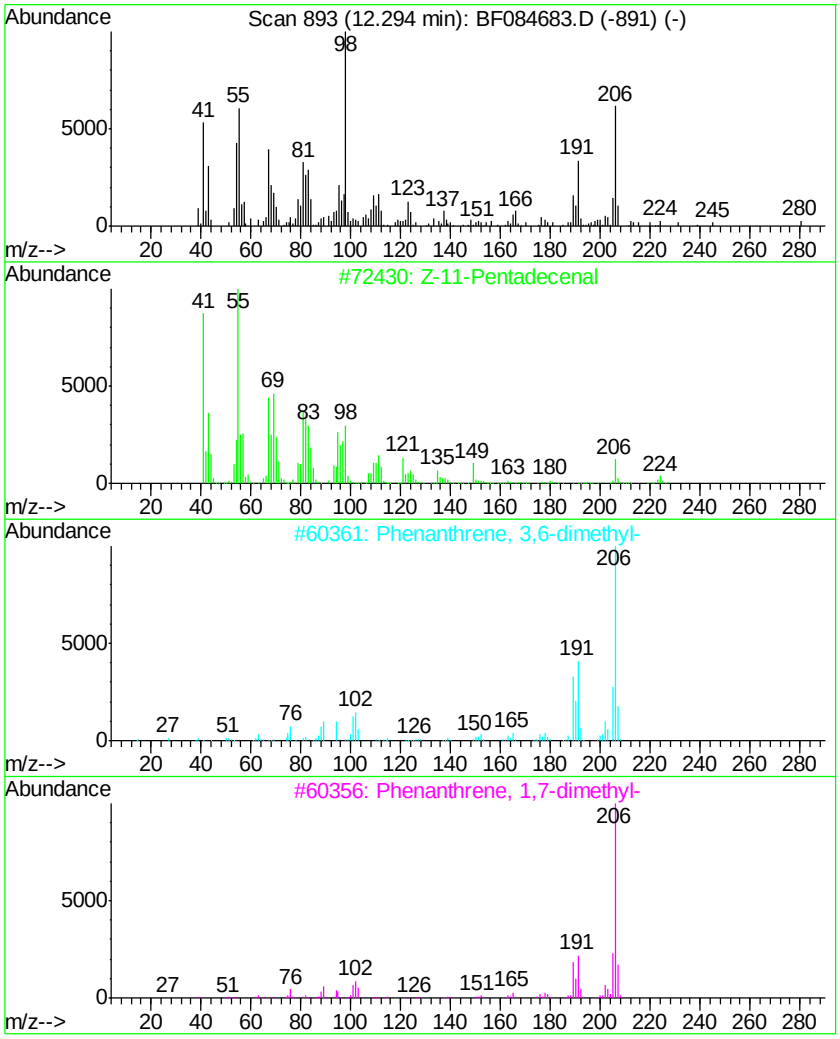
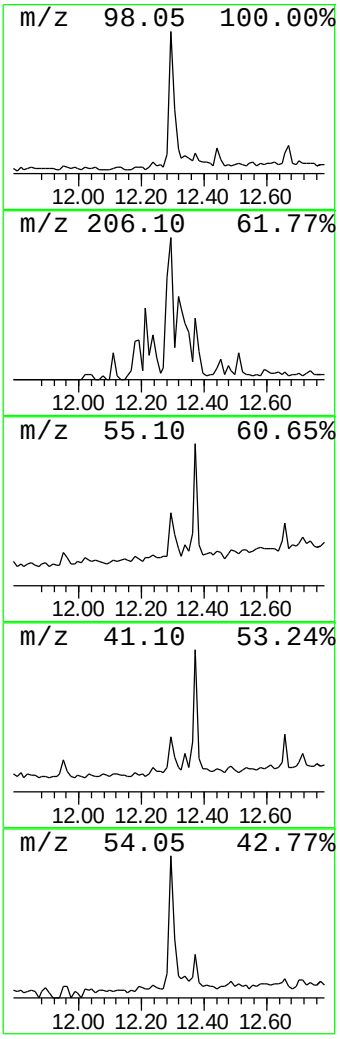
Peak Number 12 unknown12.29 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.49 ng	280461	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-11-Pentadecenal	224	C15H28O	1000130-84-6	48
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	47
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	47
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38





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Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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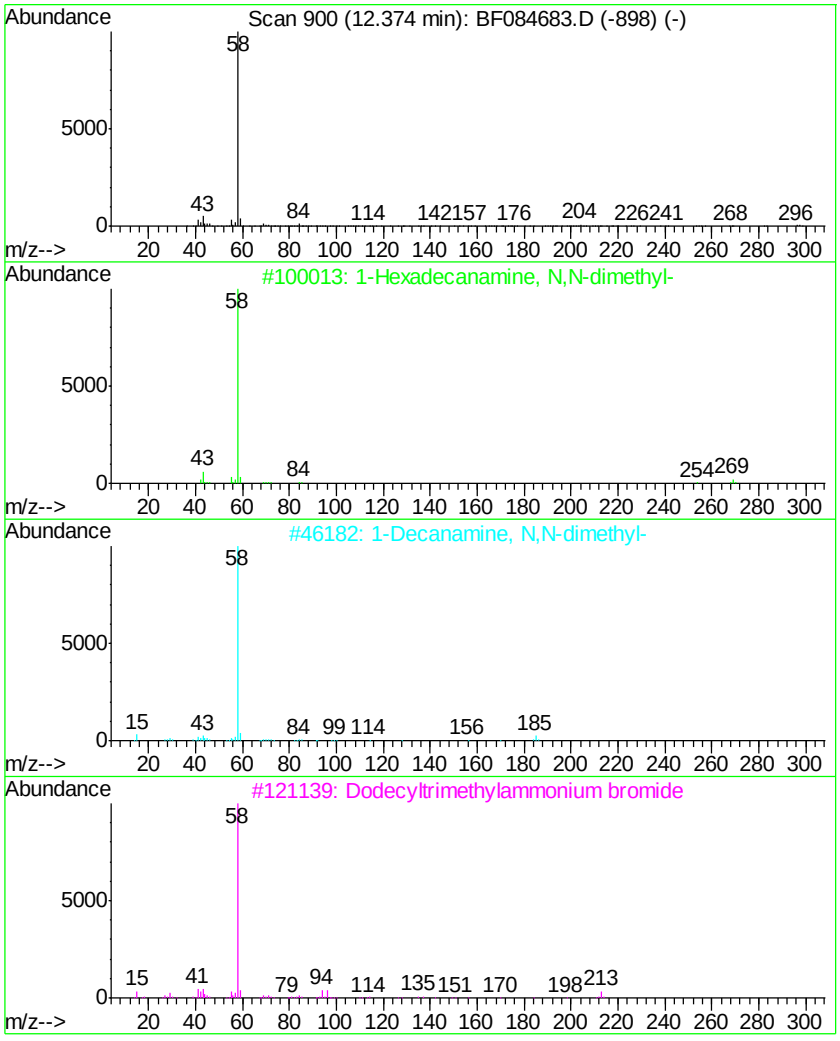
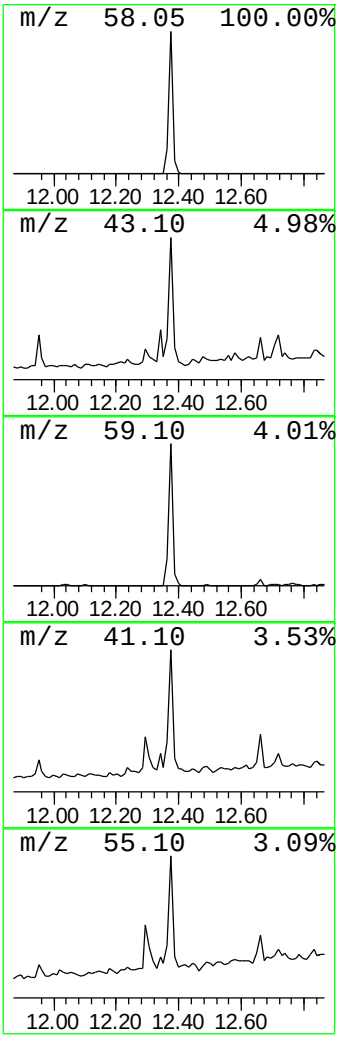
Peak Number 13 1-Hexadecanamine, N,N-dimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	17.47 ng	1091840	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanamine, N,N-dimethyl-	269	C18H39N	000112-69-6	72
2	1-Decanamine, N,N-dimethyl-	185	C12H27N	001120-24-7	72
3	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	72
4	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	72
5	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	72





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Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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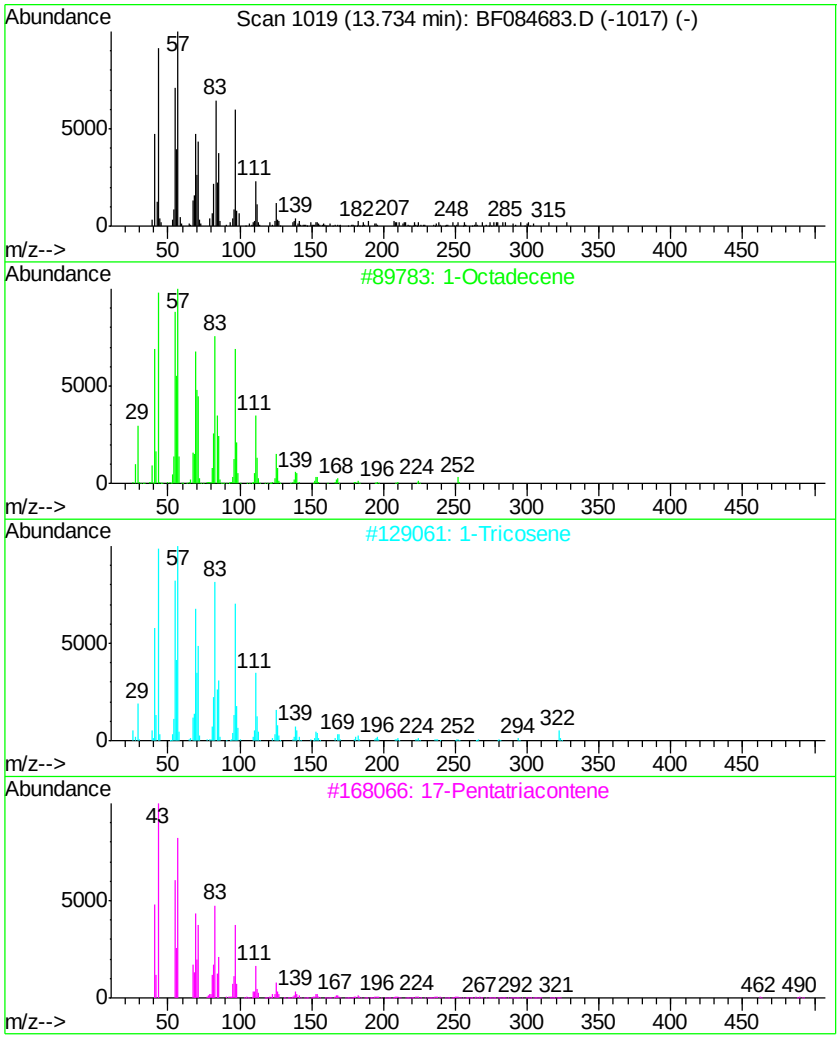
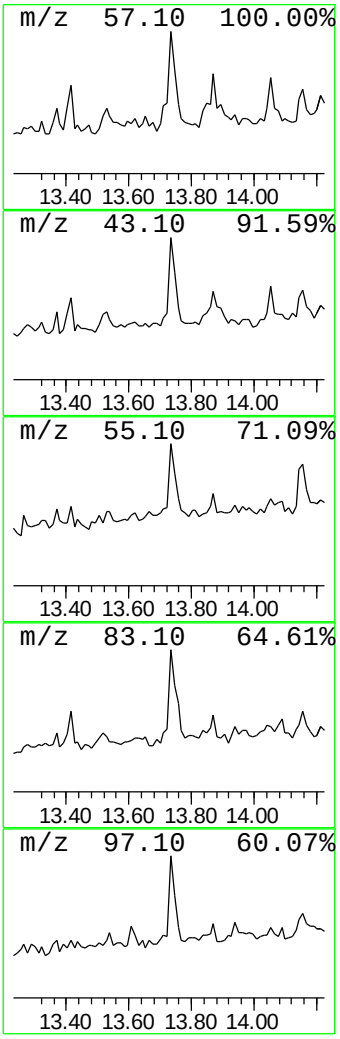
Peak Number 14 1-Octadecene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.67 ng	283907	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	1-Tricosene	322	C23H46	018835-32-0	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	1-Heptadecene	238	C17H34	006765-39-5	87
5	1,2-Octadecanediol	286	C18H38O2	020294-76-2	83





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Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

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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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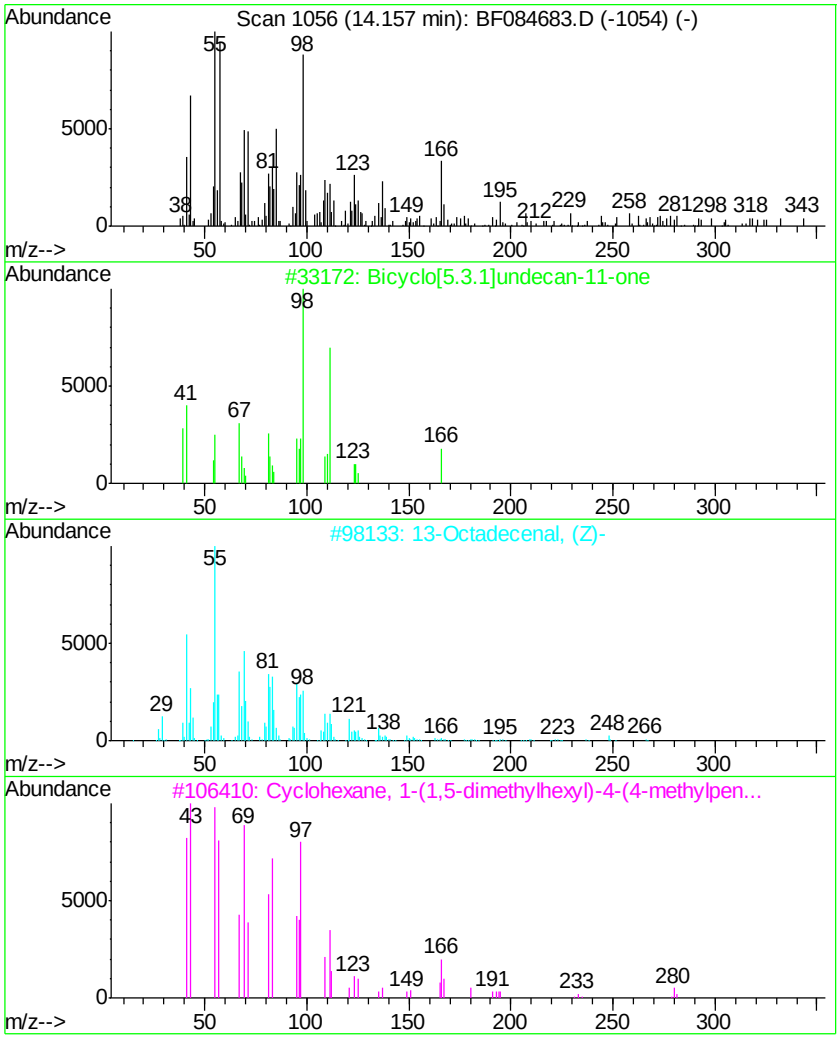
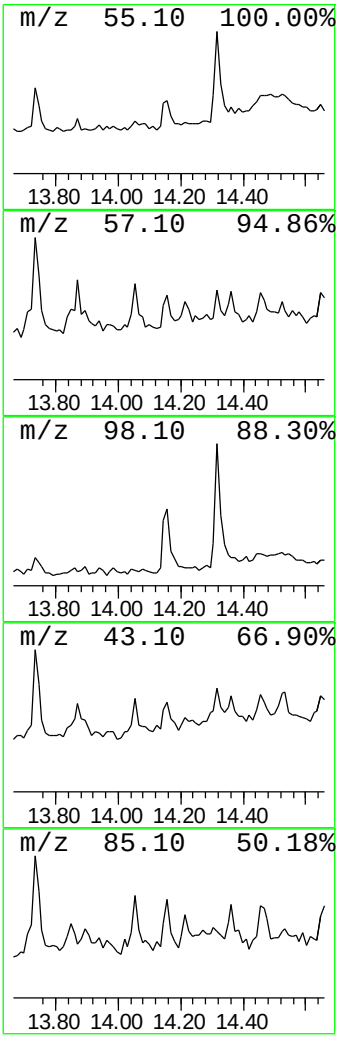
Peak Number 15 Bicyclo[5.3.1]undecan-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.44 ng	188326	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[5.3.1]undecan-11-one	166	C11H18O	013348-11-3	60
2	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	51
3	Cyclohexane, 1-(1,5-dimethylhexy...	280	C20H40	056009-20-2	35
4	.beta.-Piperidinopropiophenone	217	C14H19NO	000073-63-2	30
5	2-Dodecylcyclohexanone	266	C18H34O	015674-95-0	27





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Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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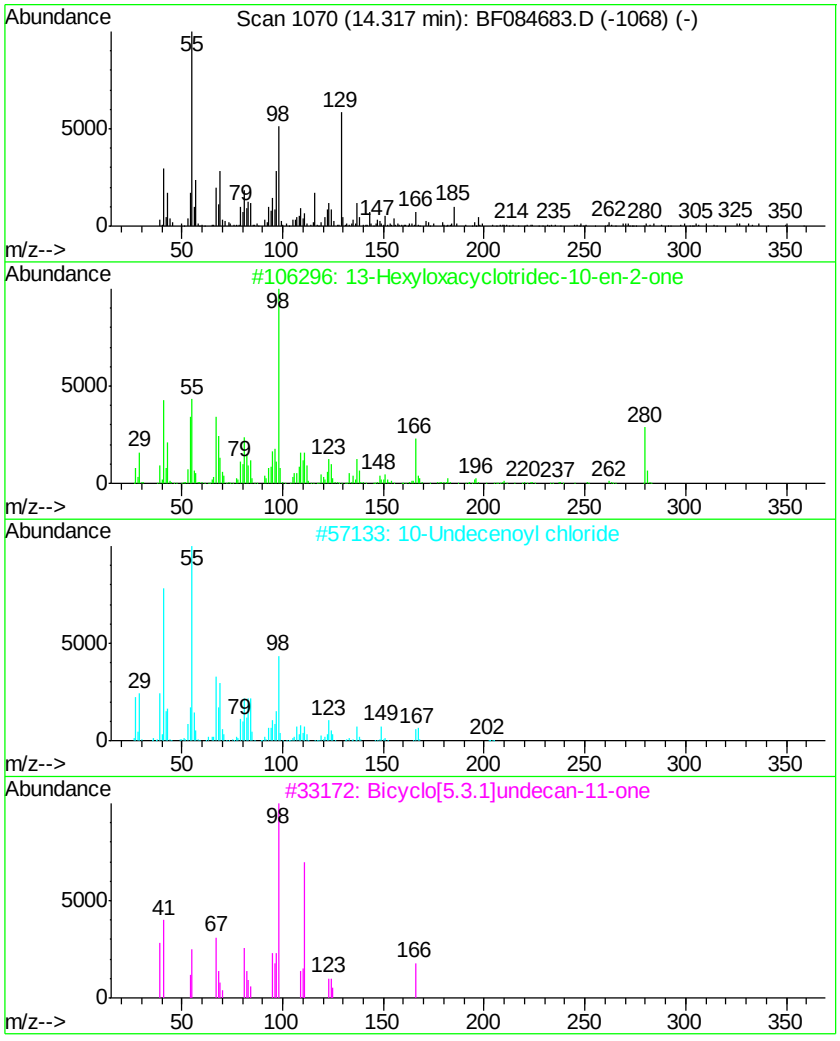
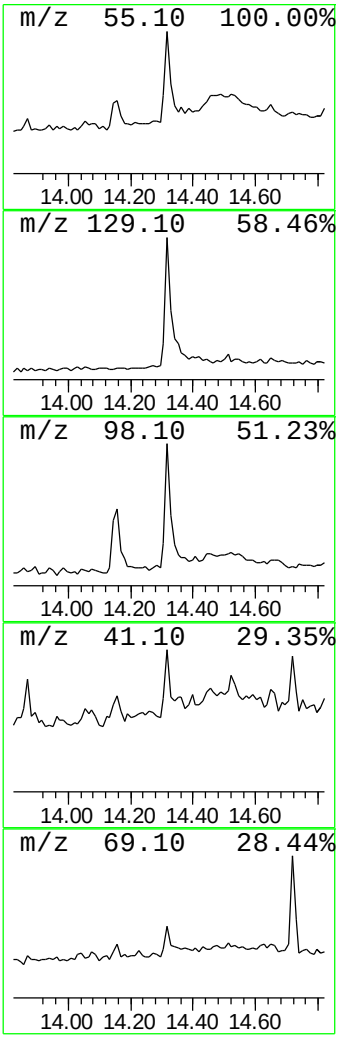
Peak Number 16 unknown14.32 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	3.25 ng	251139	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Hexyloxacyclotridec-10-en-2-one	280	C18H32O2	127062-51-5	43
2	10-Undecenoyl chloride	202	C11H19ClO	038460-95-6	35
3	Bicyclo[5.3.1]undecan-11-one	166	C11H18O	013348-11-3	35
4	Bicyclo[8.2.0]dodecan-11-one, 12...	248	C12H18Cl2O	110079-11-3	35
5	2-Methyl-Z,Z-3,13-octadecadienol	280	C19H36O	1000130-90-5	25





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Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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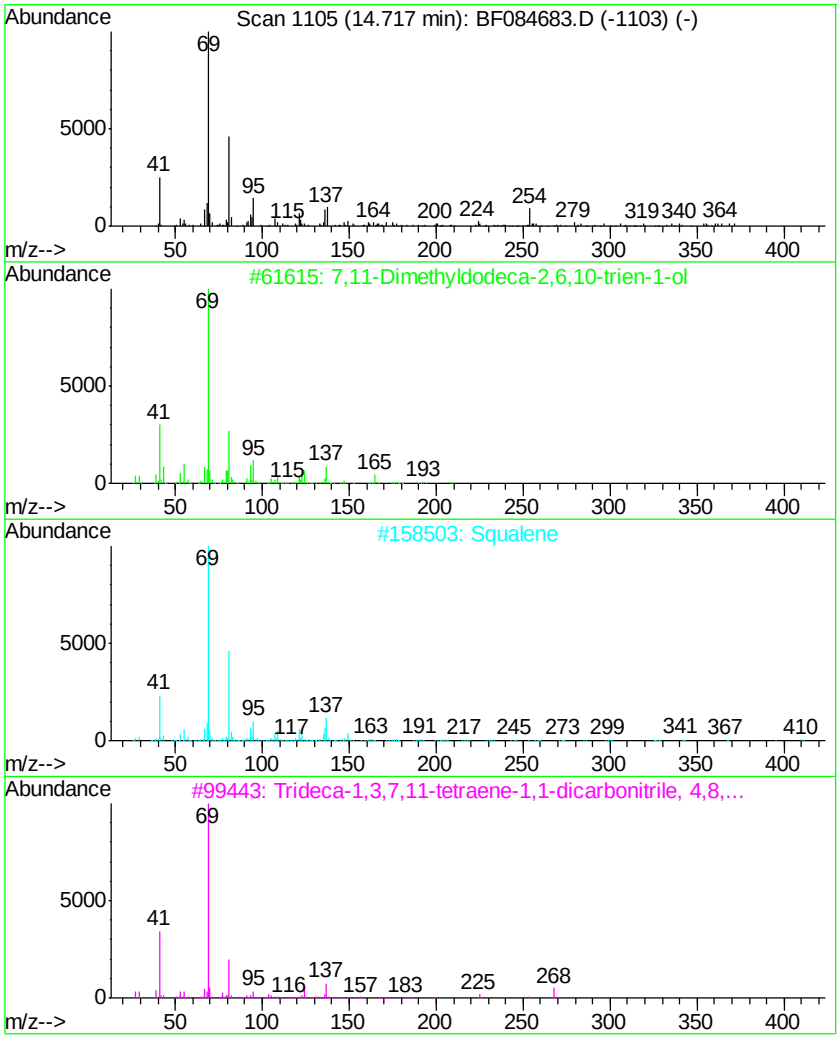
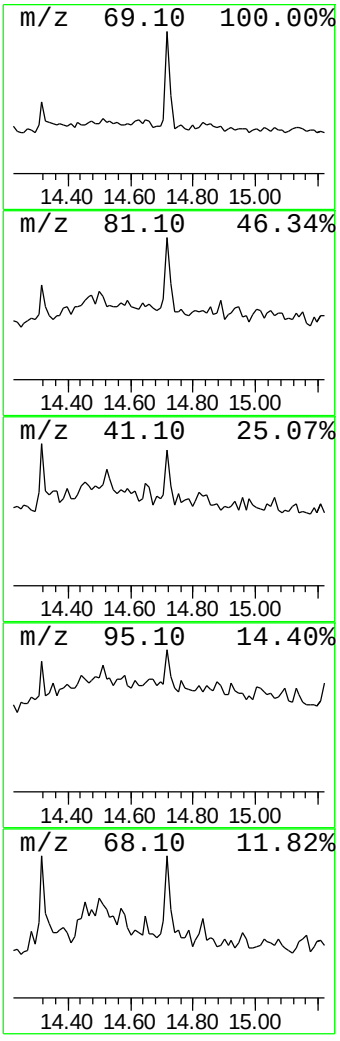
Peak Number 17 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.16 ng	102509	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
2	Squalene	410	C30H50	007683-64-9	64
3	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	59
4	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	59
5	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	50





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Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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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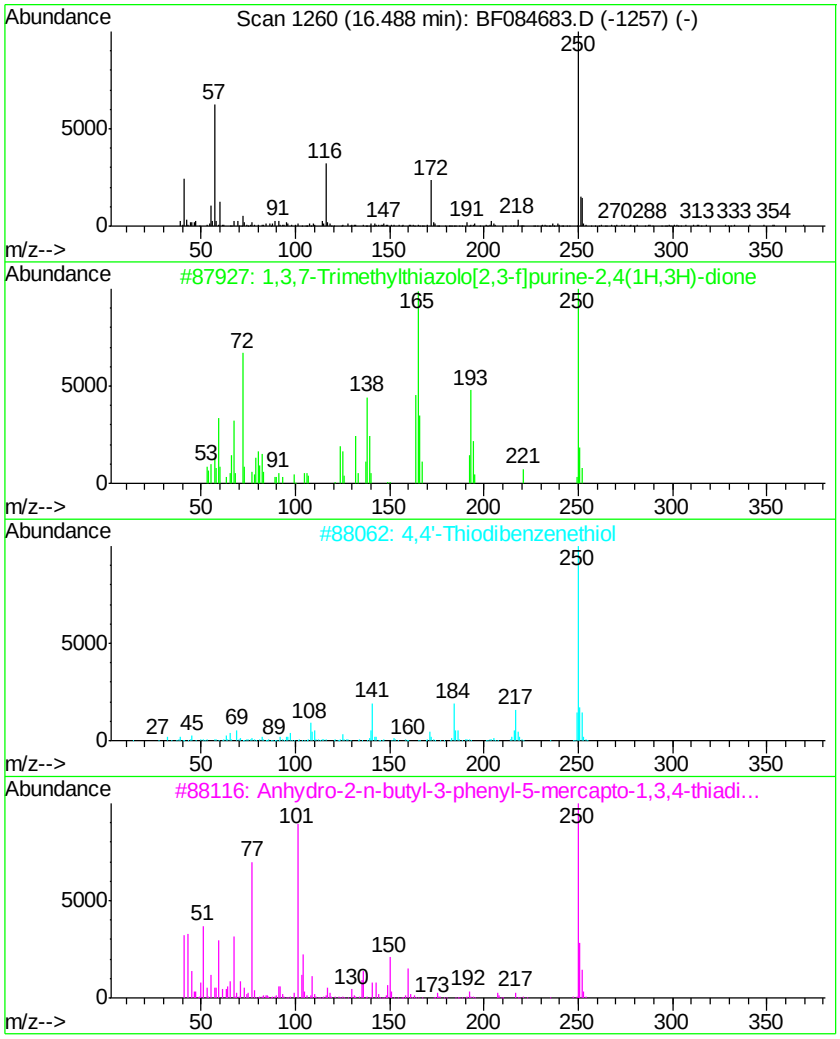
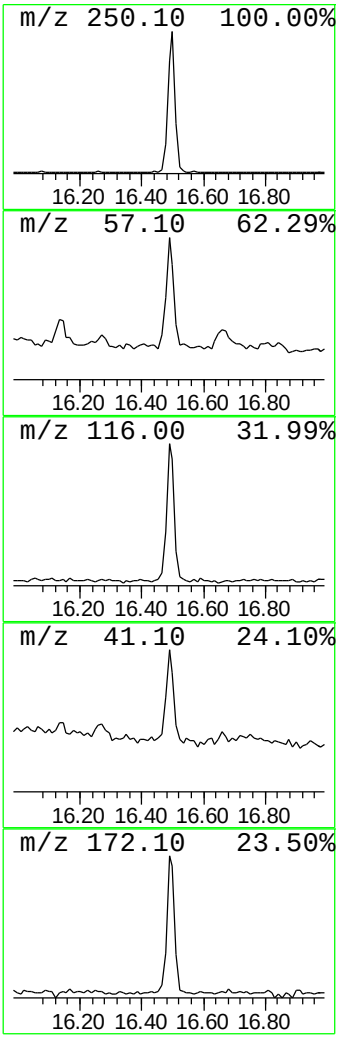
Peak Number 19 unknown16.49 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	7.59 ng	359605	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,7-Trimethylthiazolo[2,3-f]pu...	250	C10H10N4O2S	039253-22-0	43
2	4,4'-Thiodibenzenethiol	250	C12H10S3	019362-77-7	40
3	Anhydro-2-n-butyl-3-phenyl-5-mer...	250	C12H14N2S2	1000254-97-9	38
4	5-Dimethylaminonaphthalene-1-sul...	250	C12H14N2O2S	001431-39-6	38
5	7,8-Dimethoxy-1,2,3,4,4a,9b-hexa...	250	C14H18O4	1000192-71-0	37





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Acq On : 30 Jan 2016 13:54
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B010(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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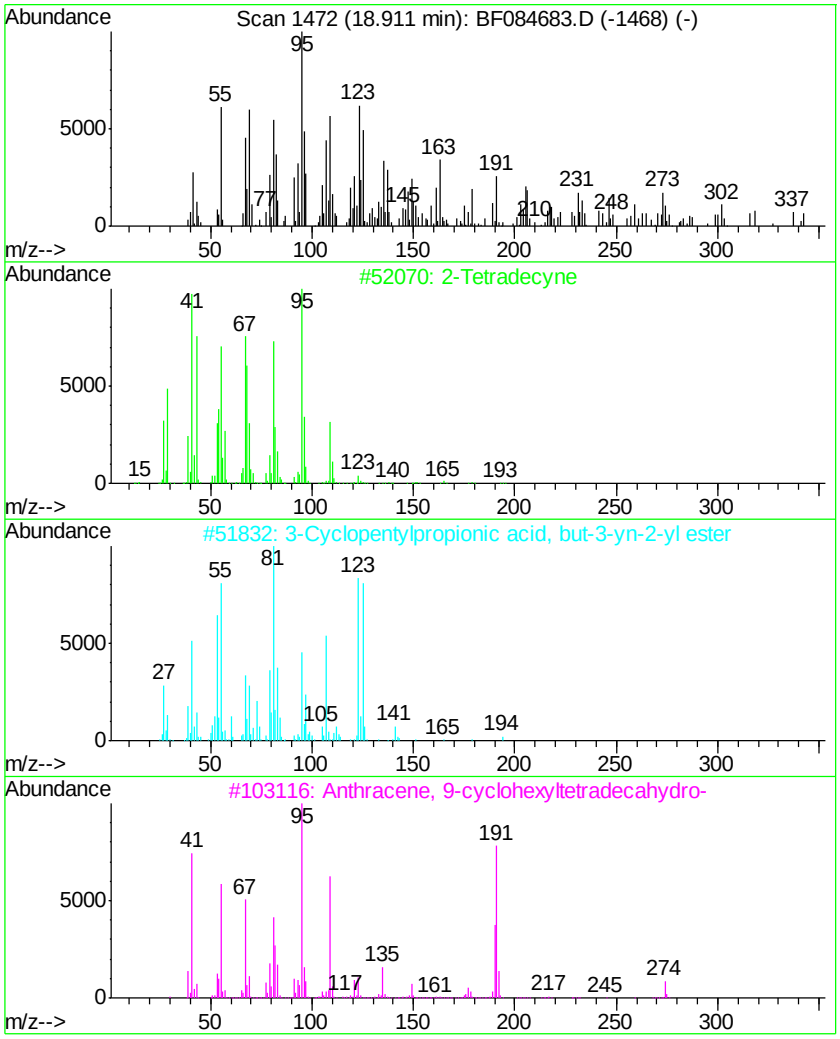
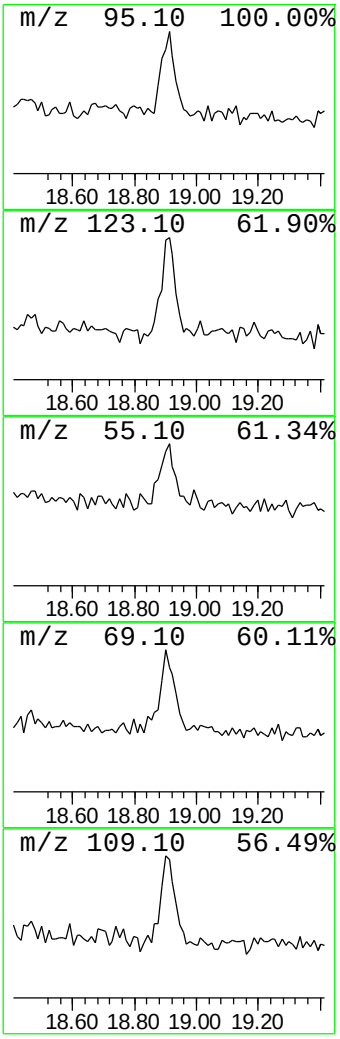
Peak Number 20 unknown18.91 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	10.27 ng	486600	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecyne	194	C14H26	000638-60-8	43
2	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	38
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
4	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	35
5	2-Cyclohexene-1-methanol, 2,6-di...	222	C15H26O	038142-34-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084683.D
Acq On : 30 Jan 2016 13:54
Operator : SJ/IZ
Sample : H1273-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

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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
3-Penten-2-one, 4...	4.18	4.8	ng	267983	1	6.73	1129030	20.0
2-Pentanone, 4-hy...	4.89	62.1	ng	3507500	1	6.73	1129030	20.0
2-Pentanone, 4-me...	5.72	3.6	ng	202469	1	6.73	1129030	20.0
unknown6.50	6.50	80.7	ng	4552810	1	6.73	1129030	20.0
Eicosane	10.20	2.4	ng	167785	3	9.76	1405600	20.0
Tridecane	10.67	4.0	ng	252787	4	11.24	1250150	20.0
Hexadecane	11.12	3.4	ng	209547	4	11.24	1250150	20.0
1-Pentadecanamine...	11.57	7.4	ng	464506	4	11.24	1250150	20.0
4H-Cyclopenta[def...	11.85	3.3	ng	208195	4	11.24	1250150	20.0
unknown12.29	12.29	4.5	ng	280461	4	11.24	1250150	20.0
1-Hexadecanamine,...	12.37	17.5	ng	1091840	4	11.24	1250150	20.0
1-Octadecene	13.73	3.7	ng	283907	5	13.87	1545370	20.0
Bicyclo[5.3.1]und...	14.16	2.4	ng	188326	5	13.87	1545370	20.0
unknown14.32	14.32	3.3	ng	251139	5	13.87	1545370	20.0
7,11-Dimethyldode...	14.72	2.2	ng	102509	6	15.25	947894	20.0
unknown16.49	16.49	7.6	ng	359605	6	15.25	947894	20.0
unknown18.91	18.91	10.3	ng	486600	6	15.25	947894	20.0