LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(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	4.178	181	183	187	rBV	174131	272992	4.01%	0.440%
2	4.887	241	245	247	rBV	2364753	3370718	49.46%	5.431%
3	5.321	281	283	285	rBV	4114737	3888161	57.06%	6.265%
4	5.721	316	318	321	rBV	243904	225275	3.31%	0.363%
5	5.984	339	341	344	rVB	1329877	1143032	16.77%	1.842%
6	6.156	353	356	358	rBV	231234	250522	3.68%	0.404%
7	6.373	372	375	377	rBV	4098393	4087469	59.98%	6.586%
8	6.499	383	386	388	rBV	2939582	4058418	59.55%	6.539%
9	6.727	403	406	408	rBV	848699	1112060	16.32%	1.792%
10	6.807	410	413	414	rBV2	67366	82466	1.21%	0.133%
11	6.841	414	416	417	rBV	188995	147734	2.17%	0.238%
12	6.876	417	419	422	rVB	3076576	3127543	45.89%	5.039%
13	7.150	437	443	449	rVB2	69405	138655	2.03%	0.223%
14	7.287	452	455	457	rBV	2081628	2550027	37.42%	4.109%
15	7.322	457	458	461	rVB2	104035	114794	1.68%	0.185%
16	7.539	476	477	480	rBV	206209	220148	3.23%	0.355%
17	7.733	488	494	495	rBV4	64098	144393	2.12%	0.233%
18	7.756	495	496	499	rVB	367840	303462	4.45%	0.489%
19	7.916	508	510	512	rBV	134353	164440	2.41%	0.265%
20	8.007	516	518	520	rBV	1595732	1423957	20.90%	2.294%
21	8.042	520	521	522	rVB	570463	395615	5.81%	0.637%
22	8.144	528	530	531	rBV	138008	128133	1.88%	0.206%
23	8.190	531	534	537	rVB3	75150	132376	1.94%	0.213%
24	8.373	547	550	554	rBV	70454	92053	1.35%	0.148%
25	8.659	573	575	576	rBV2	83946	119584	1.75%	0.193%
26	8.762	582	584	585	rBV	922510	873493	12.82%	1.407%
27	8.785	585	586	591	rVB	229280	225697	3.31%	0.364%
28	8.876	592	594	597	rBV	145329	208360	3.06%	0.336%
29	9.093	610	613	615	rVB	4264829	4517636	66.29%	7.279%
30	9.150	615	618	619	rBV2	44467	91214	1.34%	0.147%
31	9.173	619	620	623	rVB3	70849	98138	1.44%	0.158%
32	9.482	645	647	649	rBV	396264	438569	6.44%	0.707%
33	9.699	665	666	669	rBV	108320	156396	2.30%	0.252%
34	9.756	669	671	673	rVV	1257791	1311755	19.25%	2.114%

LSC Area Percent Report

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Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(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	9.813	673	676	681	rVB2	188795	235956	3.46%	0.380%
36	9.916	681	685	688	rBV3	46517	111436	1.64%	0.180%
37	10.088	696	700	704	rBV2	103571	271432	3.98%	0.437%
38	10.168	704	707	708	rVV	128233	196600	2.88%	0.317%
39	10.202	708	710	718	rVB2	357228	494766	7.26%	0.797%
40	10.419	726	729	732	rBV	95132	132880	1.95%	0.214%
41	10.545	738	740	743	rVB	2310643	2122776	31.15%	3.420%
42	10.670	749	751	755	rBV	205121	307475	4.51%	0.495%
43	11.116	789	790	792	rBV	73312	114747	1.68%	0.185%
44	11.242	798	801	804	rBV	1078785	1375872	20.19%	2.217%
45	11.310	804	807	809	rBV2	104103	142939	2.10%	0.230%
46	11.791	848	849	850	rVB	245810	168626	2.47%	0.272%
47	11.848	852	854	859	rBV2	114666	198528	2.91%	0.320%
48	11.951	862	863	865	rBV2	120262	180032	2.64%	0.290%
49	12.099	874	876	880	rBV4	101170	150694	2.21%	0.243%
50	12.316	891	895	896	rBV3	128843	322138	4.73%	0.519%
51	12.385	899	901	904	rBV	135578	246830	3.62%	0.398%
52	12.453	904	907	908	rBV	359940	483864	7.10%	0.780%
53	12.671	924	926	928	rBV	411885	487596	7.16%	0.786%
54	12.716	928	930	931	rBV	384568	360382	5.29%	0.581%
55	12.831	938	940	942	rVB	2725196	2645518	38.82%	4.263%
56	12.899	942	946	947	rBV4	65679	144370	2.12%	0.233%
57	12.945	947	950	952	rBV	811812	887499	13.02%	1.430%
58	13.071	959	961	963	rBV	466582	477099	7.00%	0.769%
59	13.208	970	973	974	rBV	933261	994824	14.60%	1.603%
60	13.414	989	991	993	rBV	559983	596260	8.75%	0.961%
61	13.745	1019	1020	1023	rVB	831927	793625	11.65%	1.279%
62	13.882	1029	1032	1034	rVB	6560741	6814615	100.00%	10.980%
63	14.065	1046	1048	1049	rBV	469934	573090	8.41%	0.923%
64	14.659	1098	1100	1103	rBV2	509992	726152	10.66%	1.170%
65	15.277	1152	1154	1156	rBV	620756	784714	11.52%	1.264%
66	15.905	1207	1209	1217	rVB	692167	1765199	25.90%	2.844%
67	16.294	1240	1243	1246	rVB	665378	1140071	16.73%	1.837%

Sum of corrected areas: 62063890

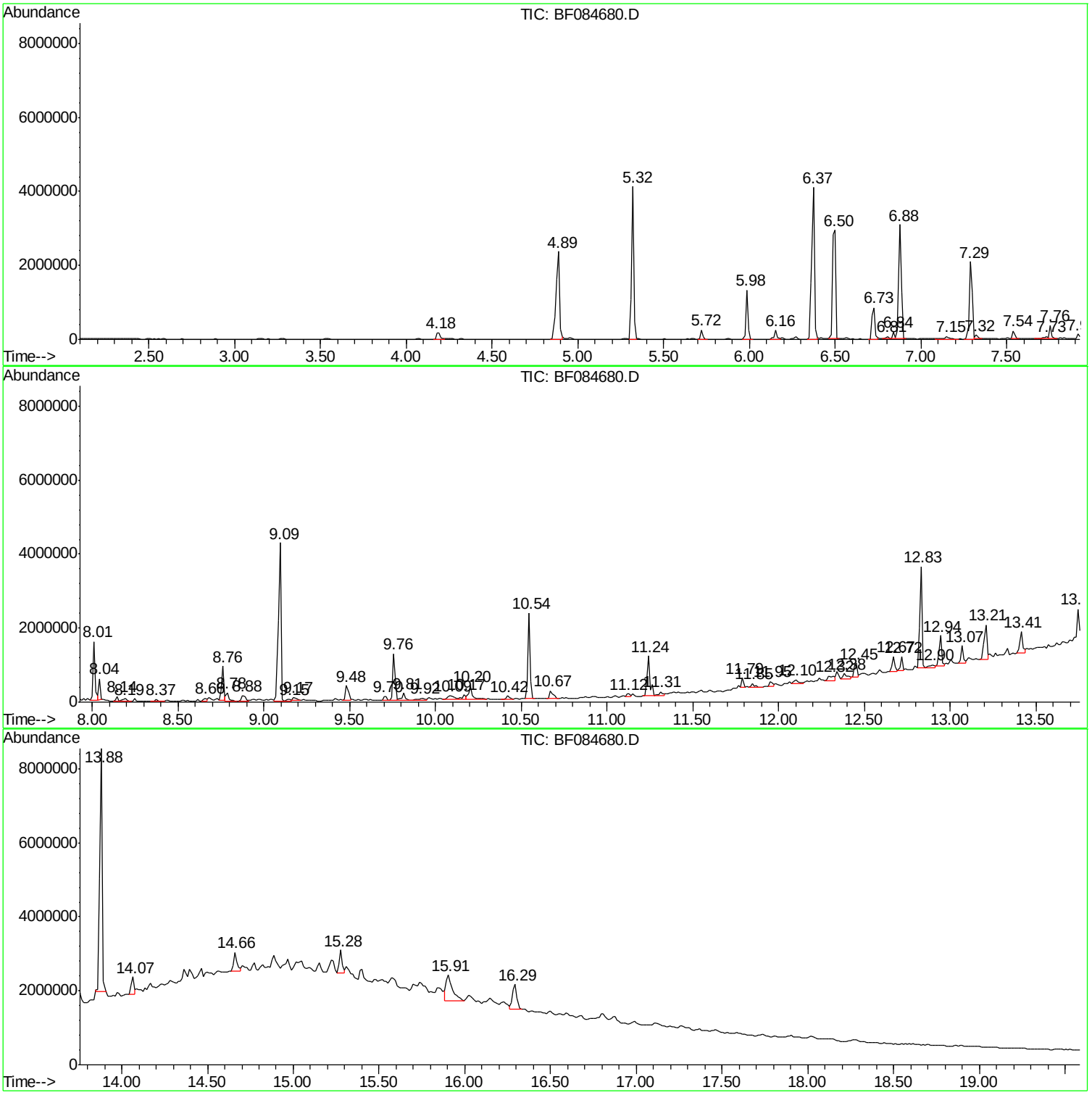
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B009(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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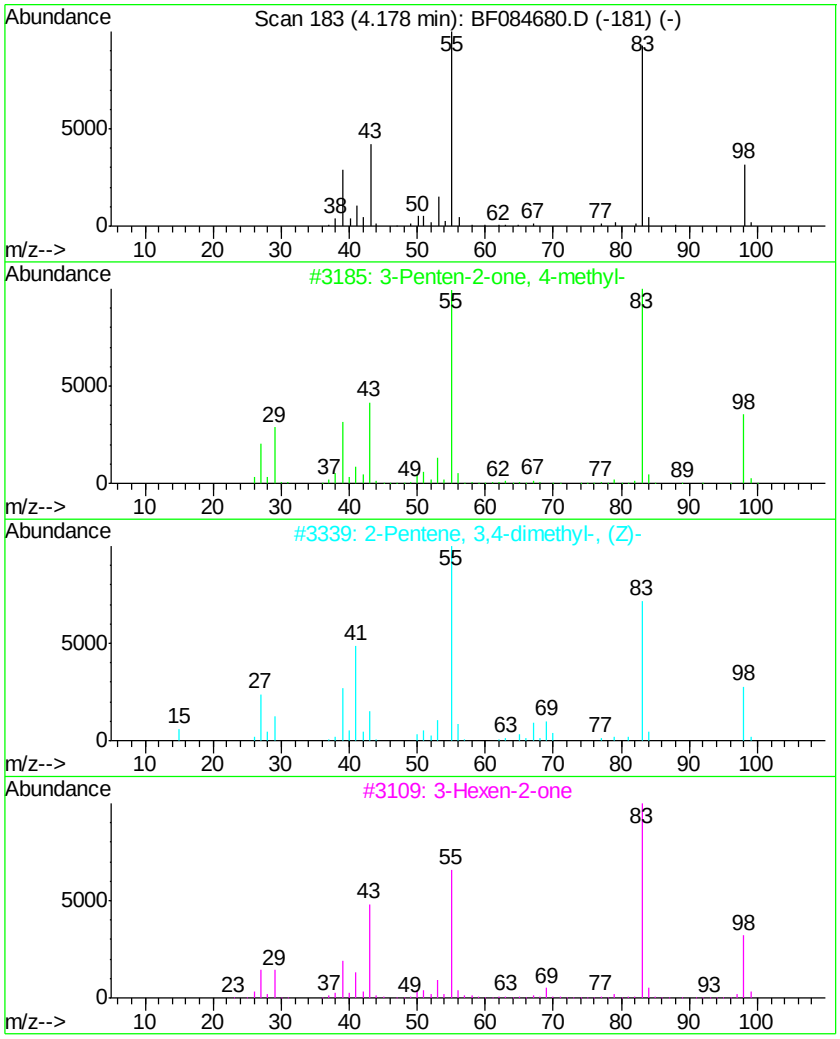
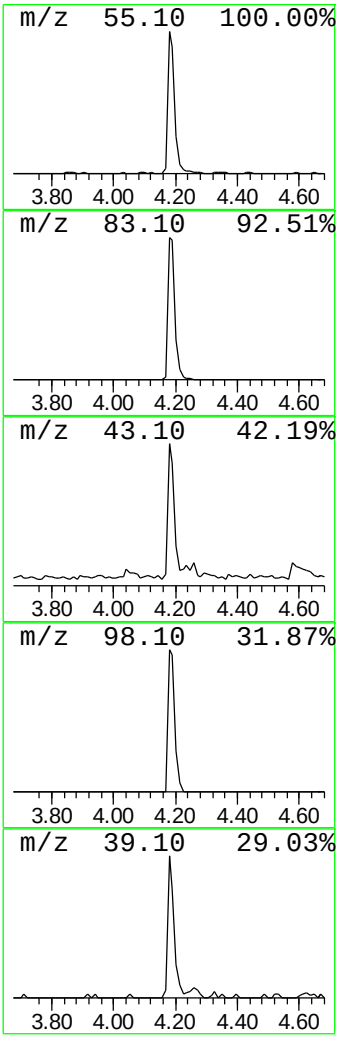
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	4.91 ng	272992	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, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
3	3-Hexen-2-one	98	C6H10O	000763-93-9	80
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(10-12)

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

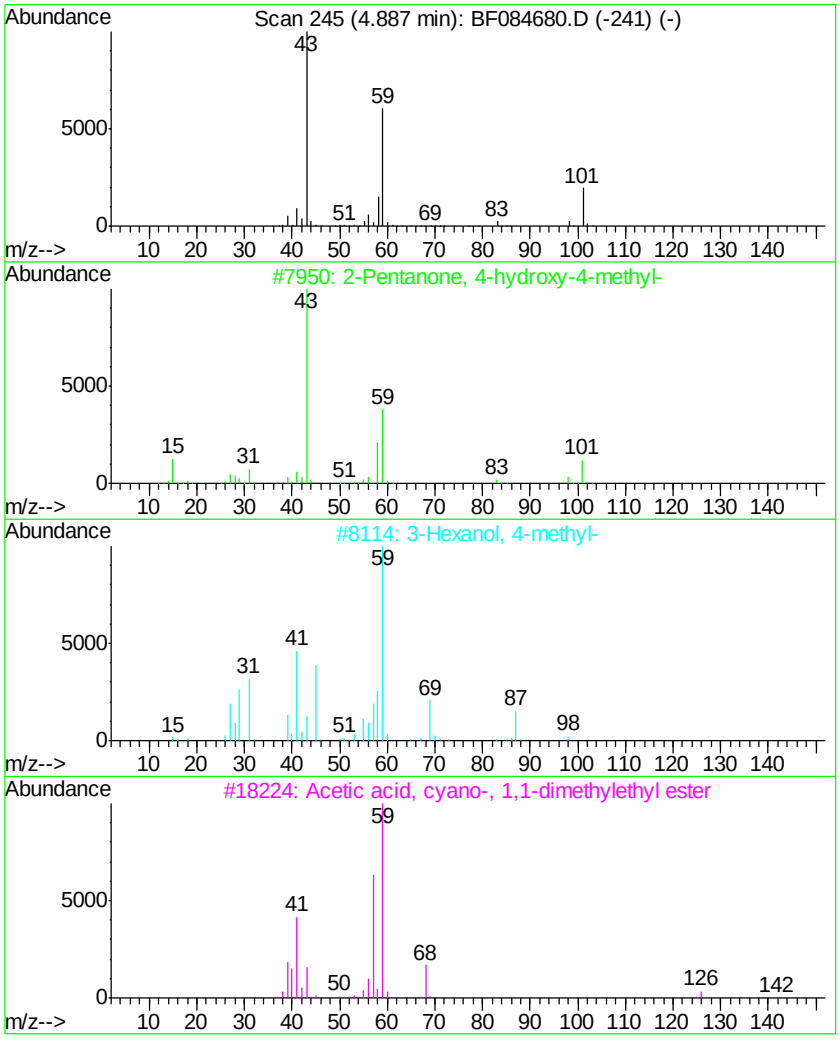
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

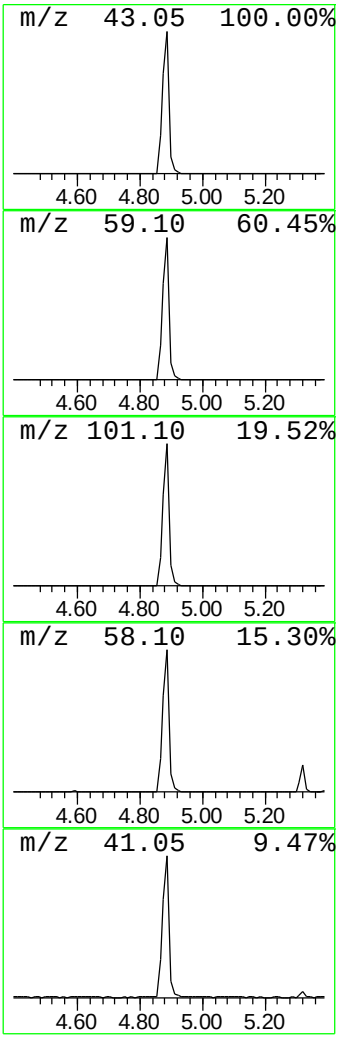
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	60.62 ng	3370720	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	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(10-12)

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

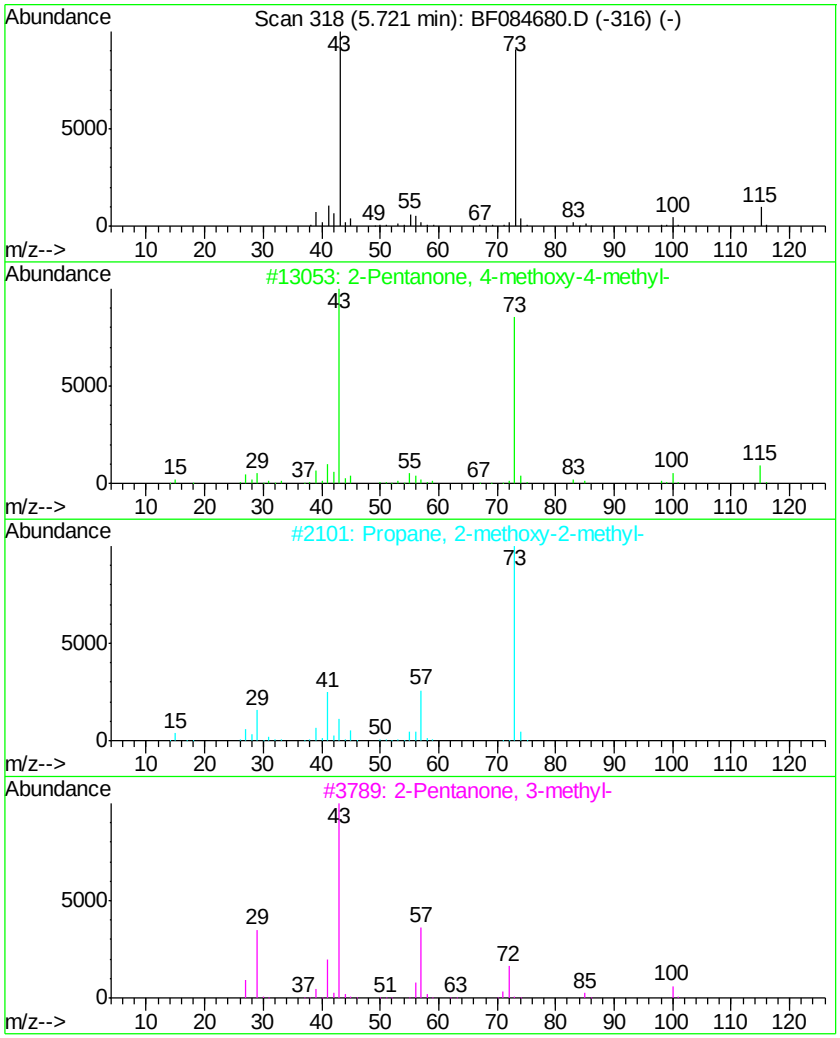
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

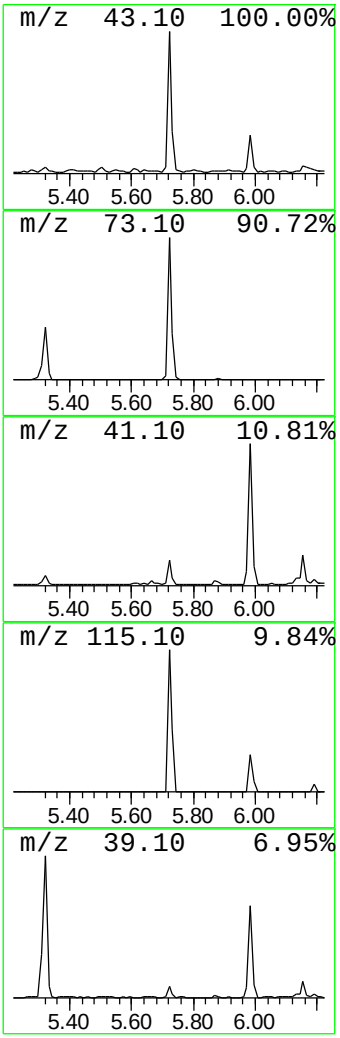
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	4.05 ng	225275	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	83
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	23
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	16
4	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
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Sample : H1273-01
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B009(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
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TIC Library : C:\DATABASE\NIST02.L
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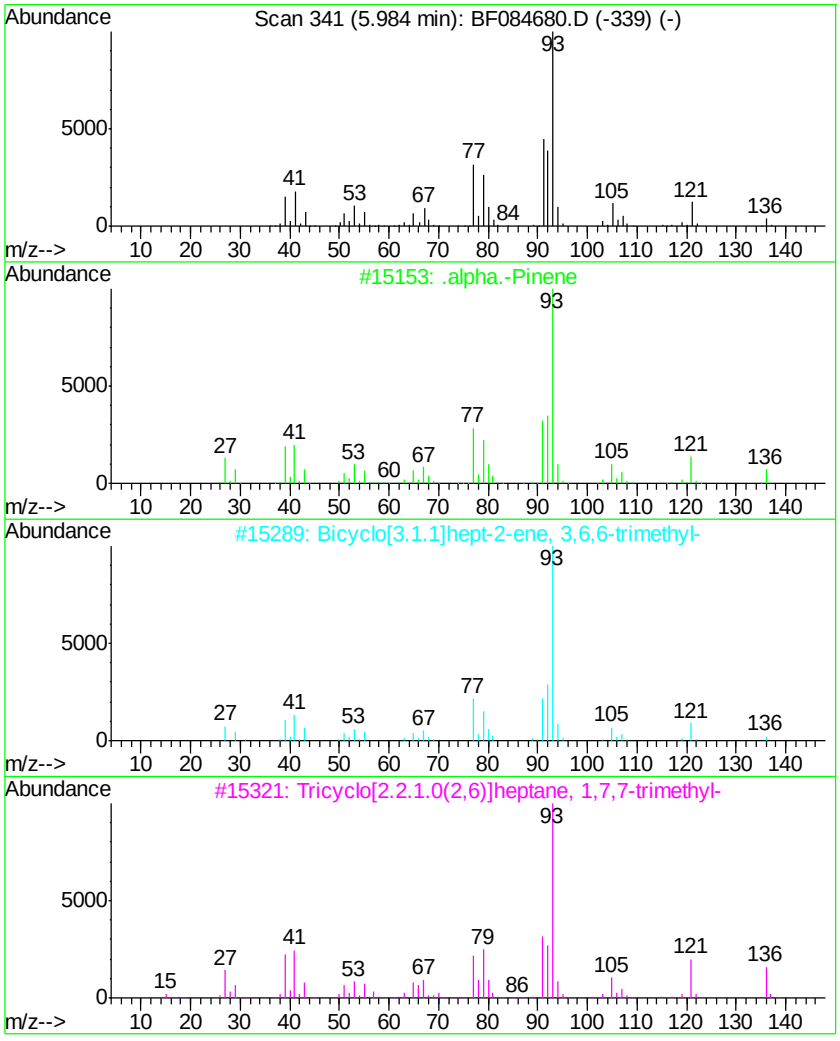
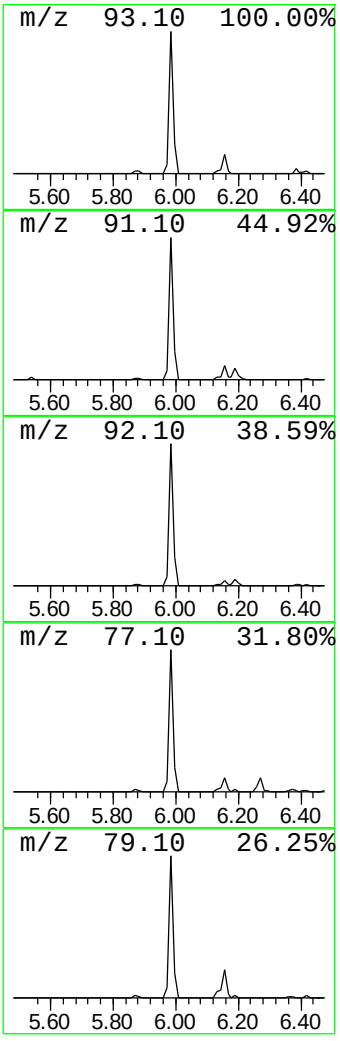
****

Peak Number 4 .alpha.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	20.56 ng	1143030	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	3,5-Methanocyclopentapyrazole, 3...	164	C10H16N2	087143-58-6	90
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(10-12)

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

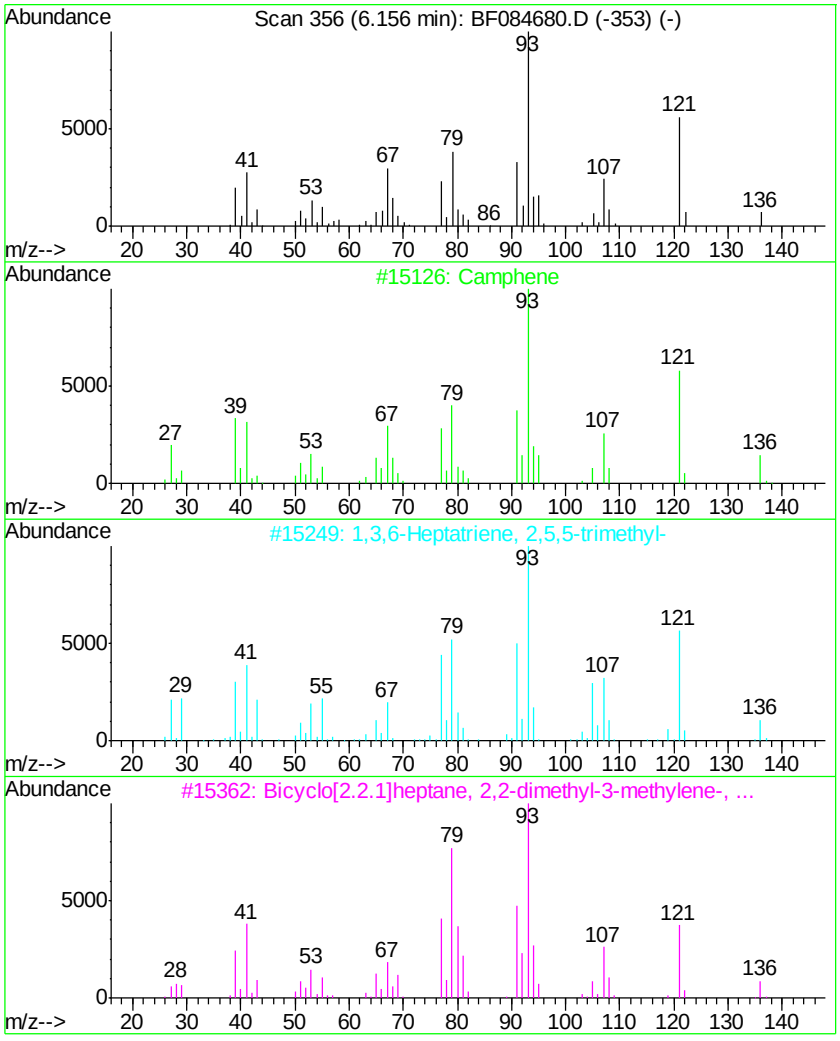
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

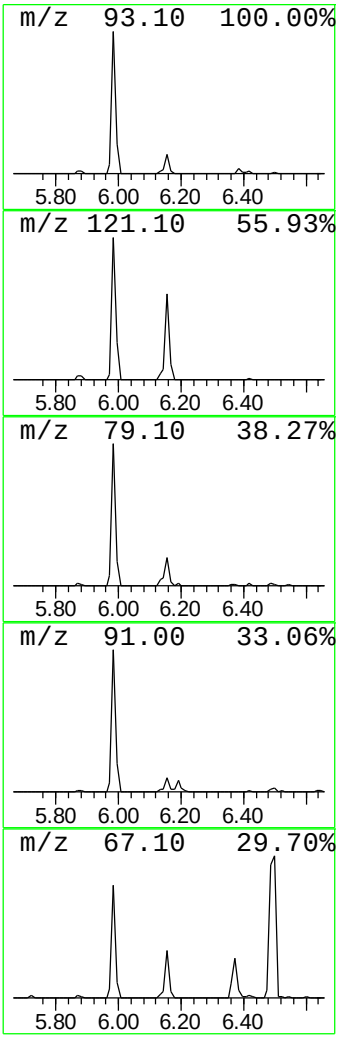
****

Peak Number 5 Camphene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	4.51 ng	250522	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	91
2	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	62
3	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	52
4	.beta.-Pinene	136	C10H16	000127-91-3	50
5	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(10-12)

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

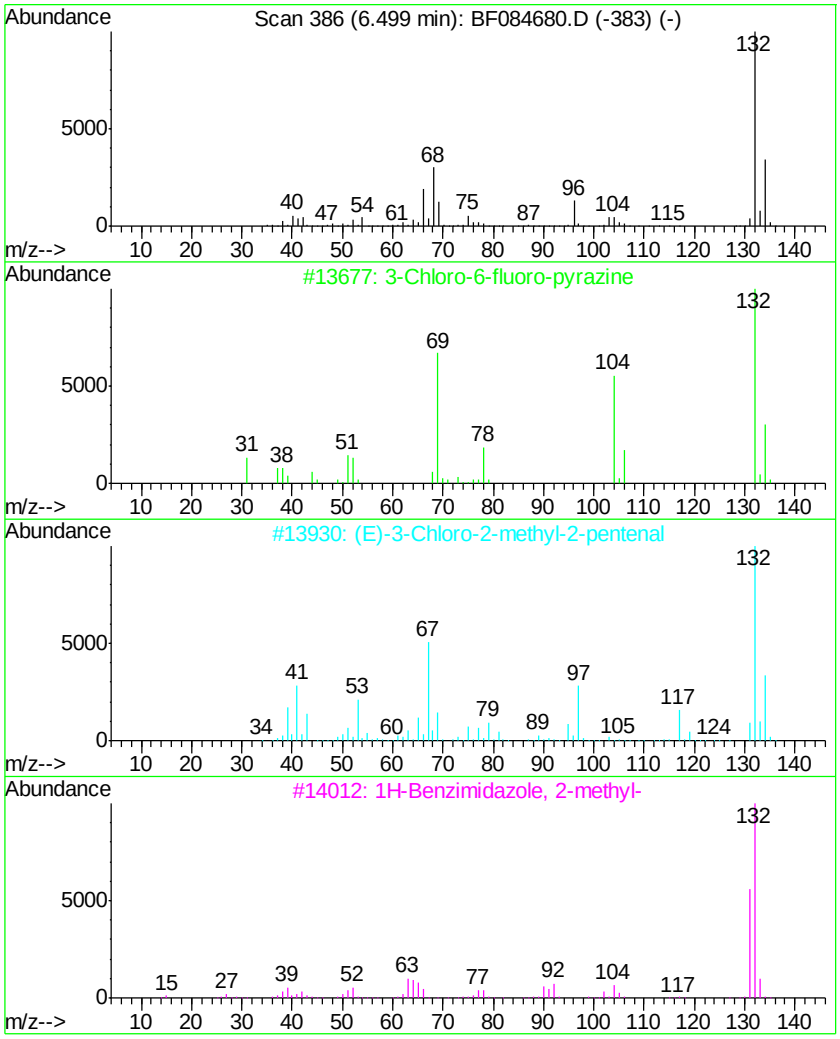
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

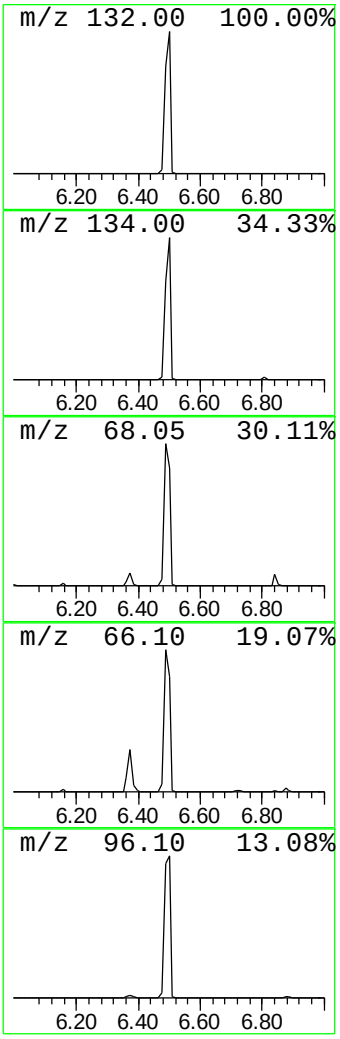
****

Peak Number 6 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	72.99 ng	4058420	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(10-12)

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

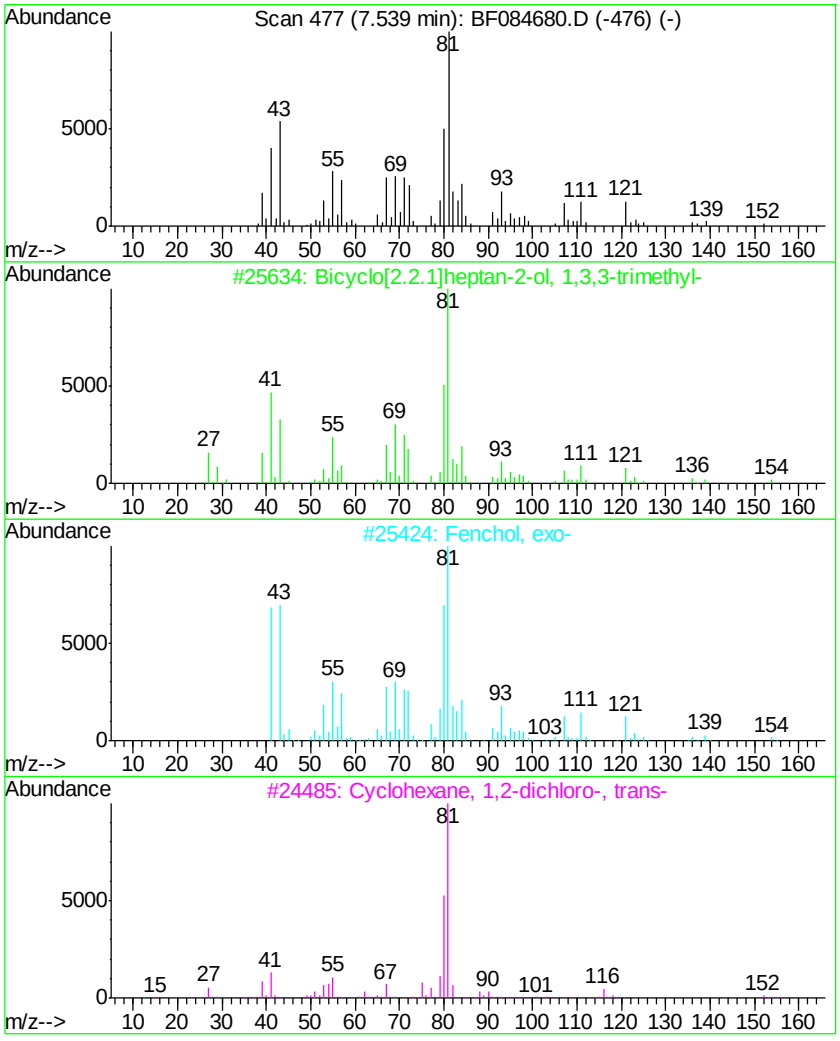
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

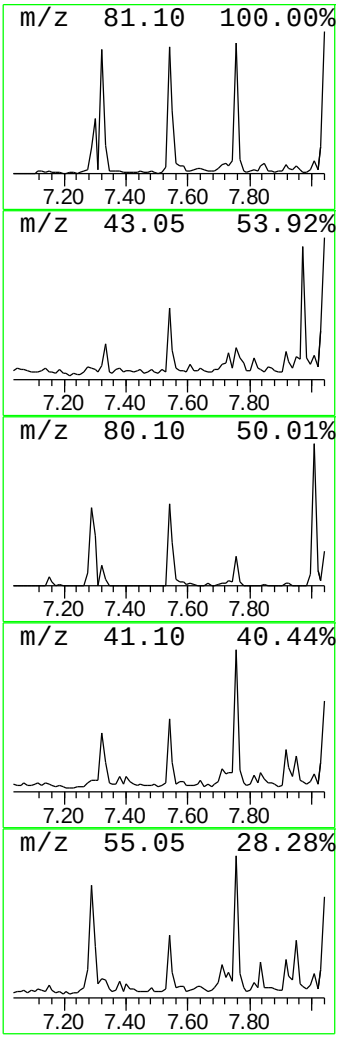
****

Peak Number 8 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	3.09 ng	220148	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	91
2	Fenchol, exo-	154	C10H18O	022627-95-8	91
3	Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	38
4	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	27
5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	25





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Operator : SJ/IZ
Sample : H1273-01
Misc :
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ClientSampleId : SUP-B009(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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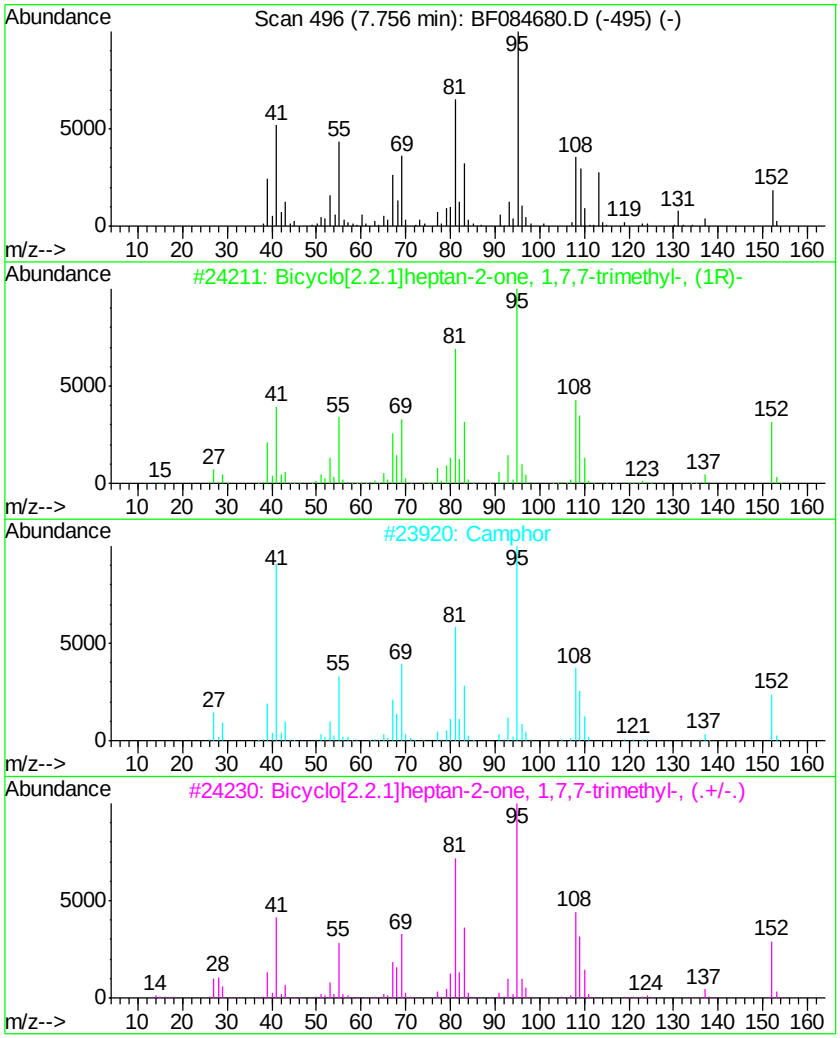
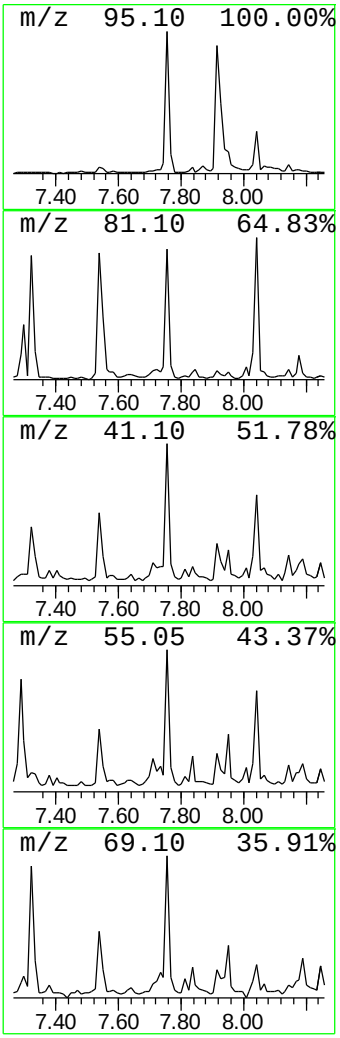
Peak Number 9 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.26 ng	303462	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	97
2	Camphor	152	C10H16O	000076-22-2	96
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	96
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	93
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	43





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Misc :
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ClientSampleId : SUP-B009(10-12)

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

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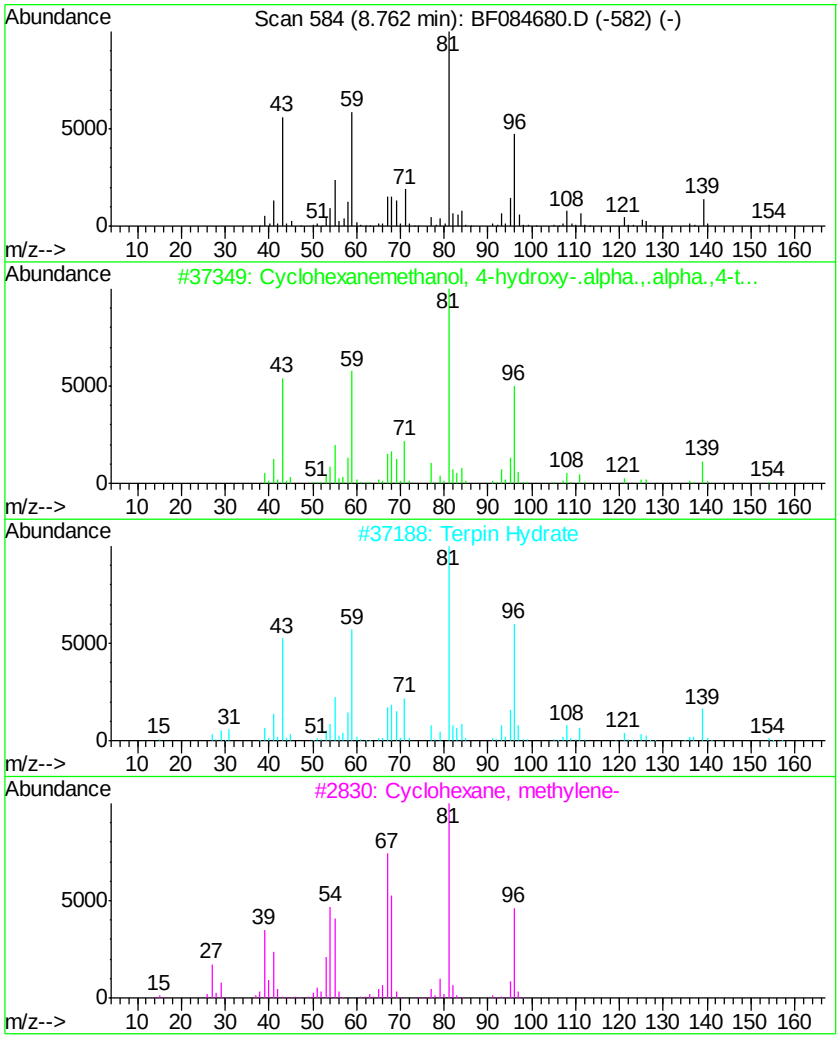
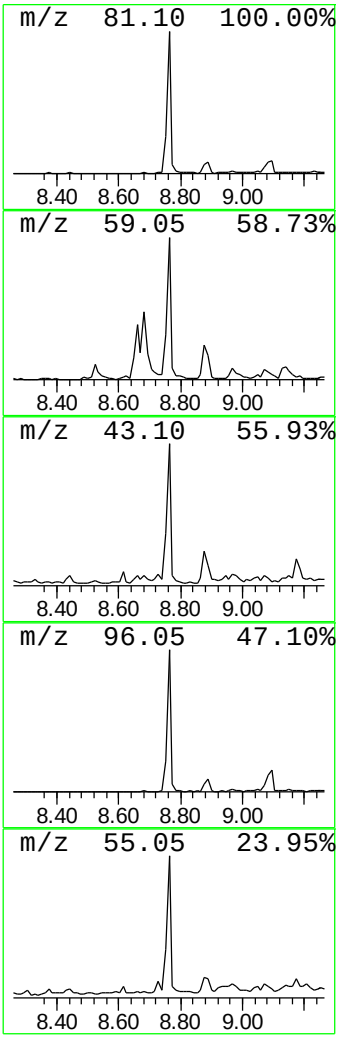
Peak Number 10 Cyclohexanemethanol, 4-hydr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	12.27 ng	873493	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	91
2	Terpin Hydrate	172	C10H20O2	002451-01-6	90
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	50
4	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	50
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49





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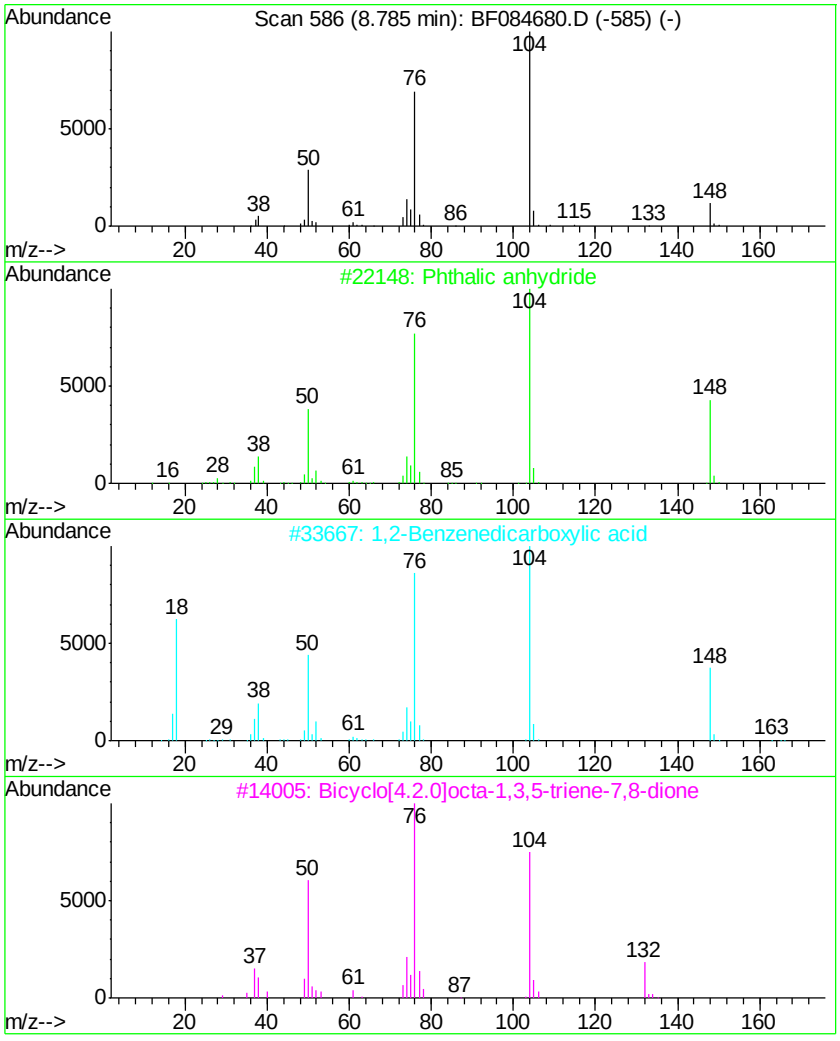
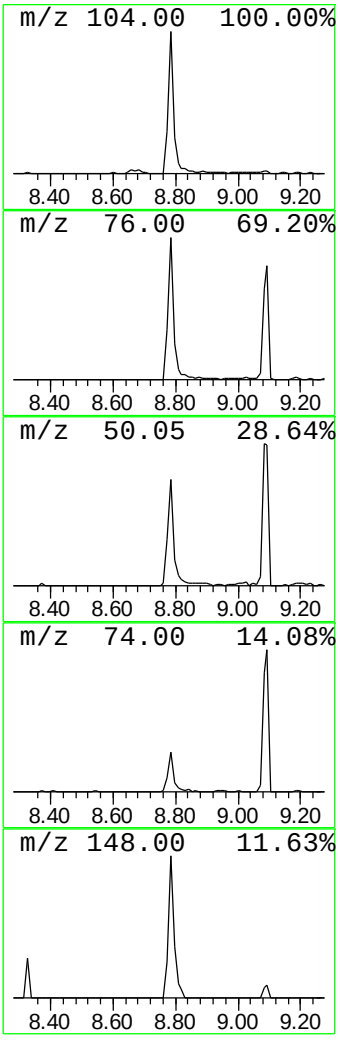
Peak Number 11 Phthalic anhydride Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	3.17 ng	225697	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	94
2	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	78
3	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	64
4	Phthalamic acid	165	C8H7NO3	000088-97-1	53
5	4-Pyridinecarbonitrile	104	C6H4N2	000100-48-1	53





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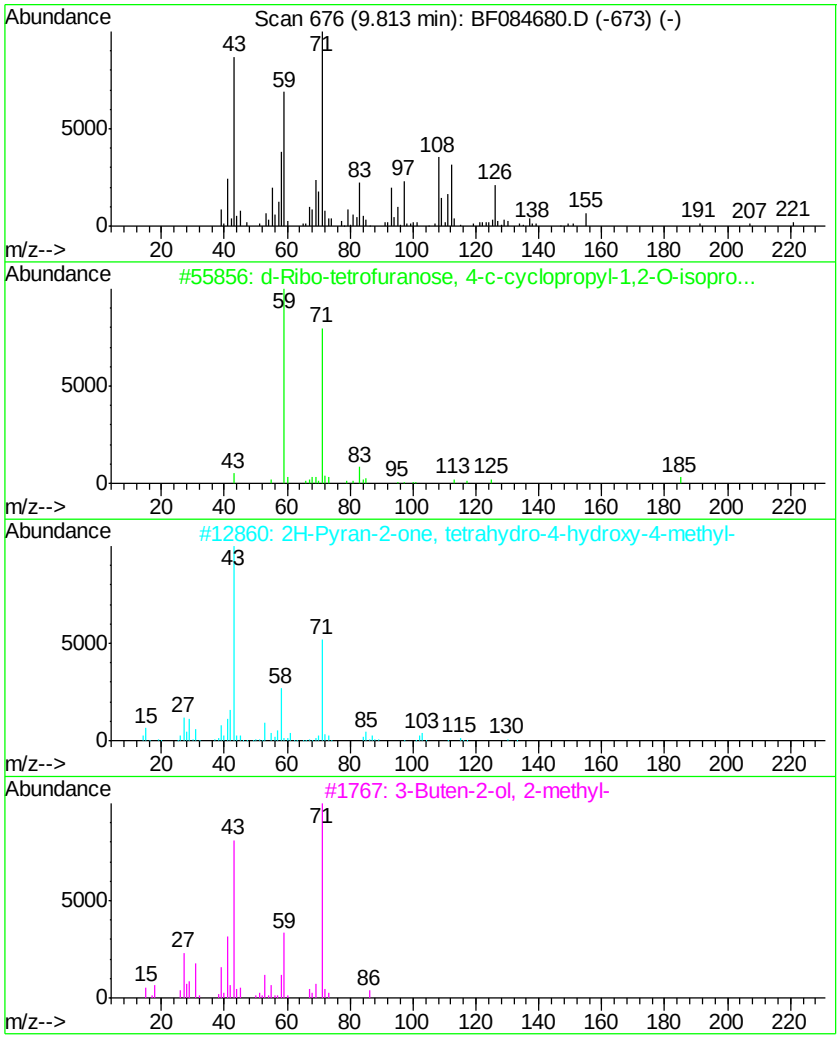
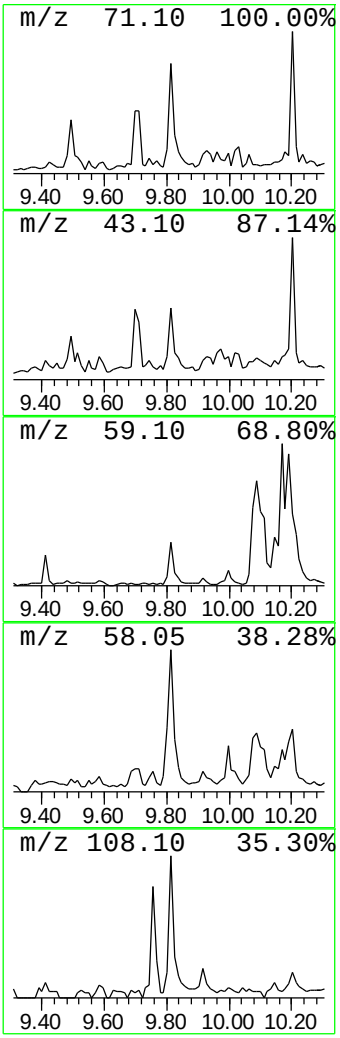
Peak Number 12 unknown9.81 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.60 ng	235956	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	d-Ribo-tetrofuranose, 4-c-cyclop...	200	C10H16O4	030571-50-7	35
2	2H-Pyran-2-one, tetrahydro-4-hyd...	130	C6H10O3	000503-48-0	35
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	35
4	Butyric acid, p-fluorophenyl ester	182	C10H11FO2	000587-89-3	27
5	Cyclohexanol, 2,2-dichloro-1-met...	182	C7H12Cl2O	1000115-65-2	25





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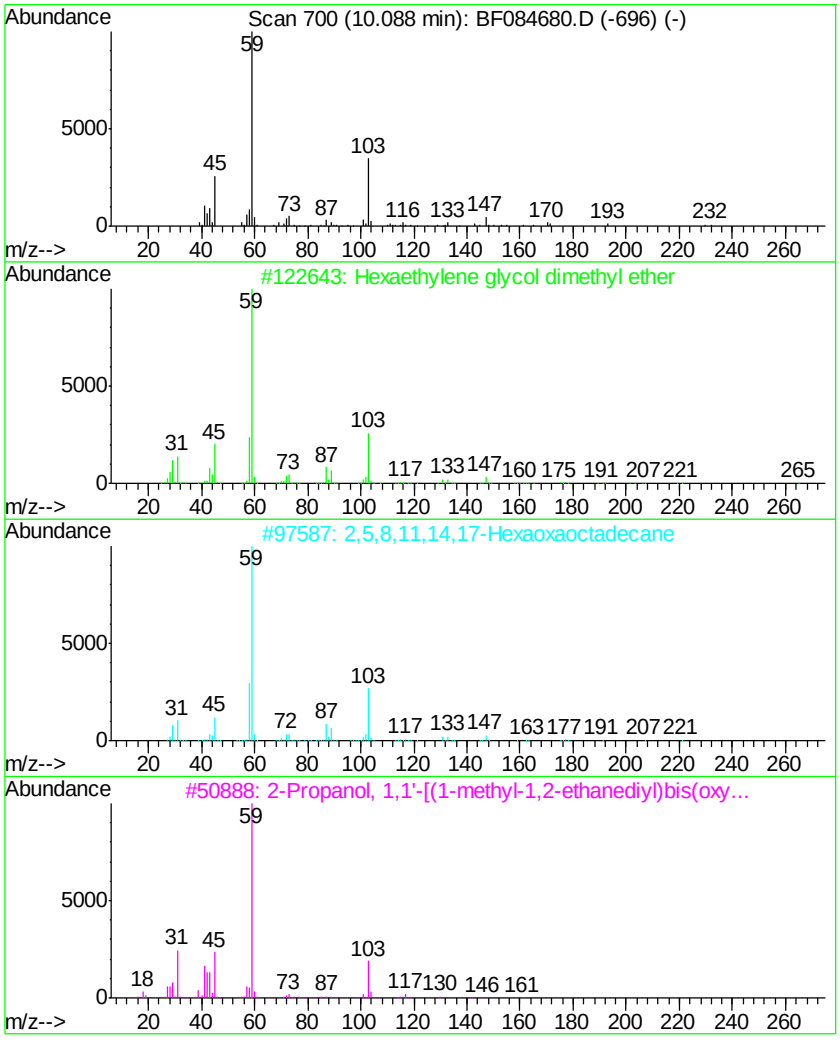
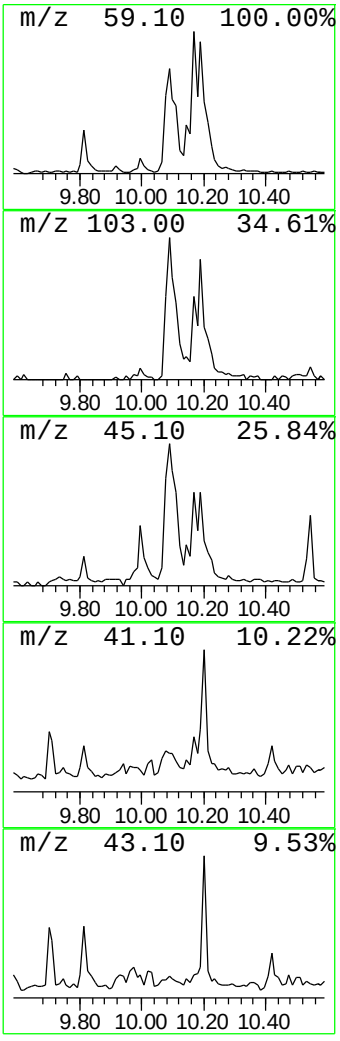
Peak Number 13 Hexaethylene glycol dimethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	4.14 ng	271432	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	83
2	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	78
3	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	72
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
5	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64





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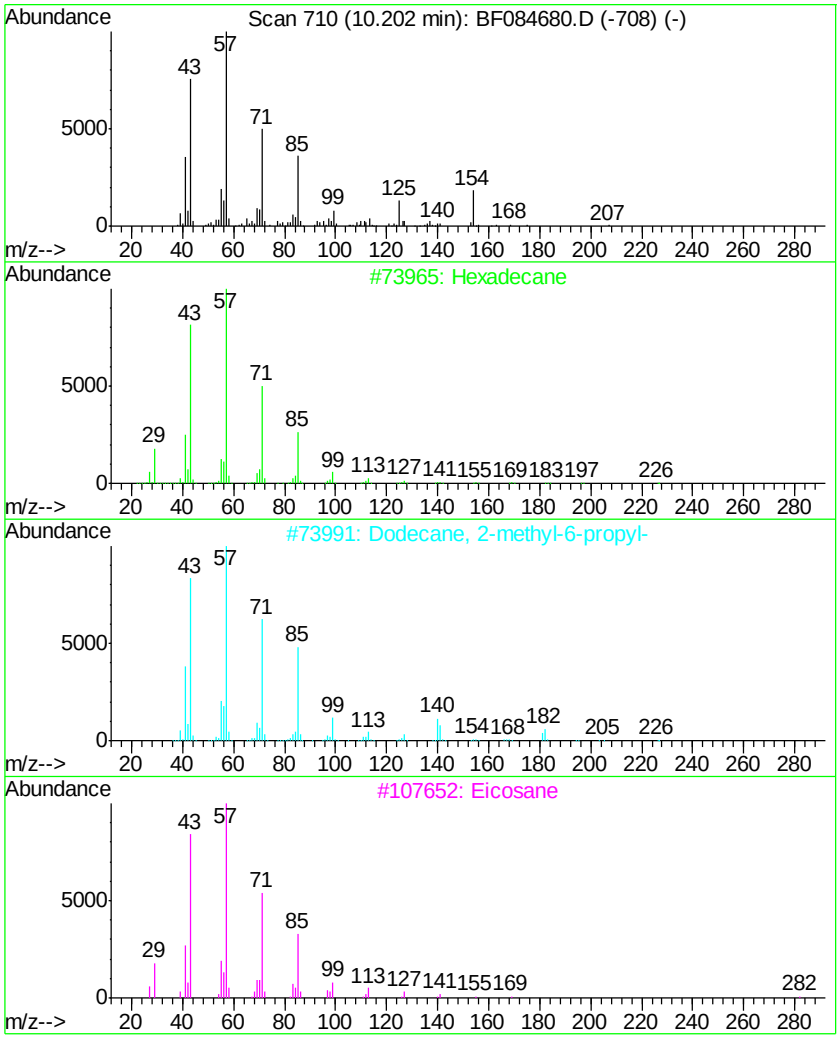
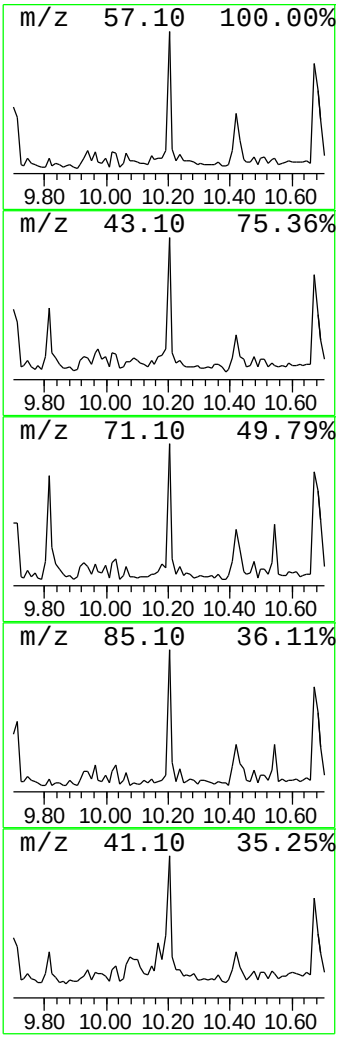
Peak Number 14 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	7.54 ng	494766	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3	Eicosane	282	C20H42	000112-95-8	68
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Nonadecane	268	C19H40	000629-92-5	64





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TIC Integration Parameters: LSCINT.P

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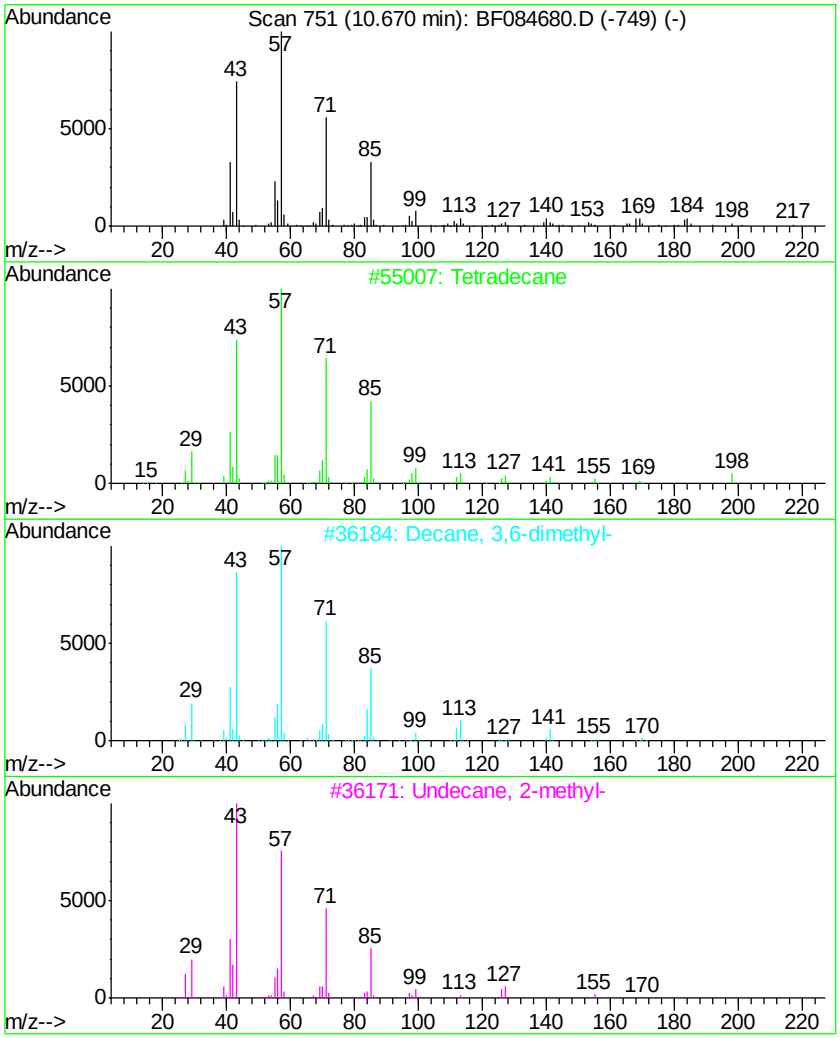
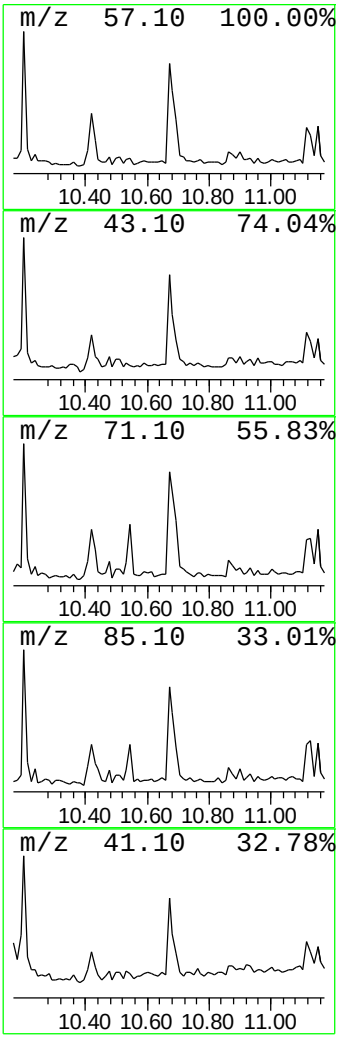
Peak Number 15 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	4.47 ng	307475	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	68
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
4	Dodecane	170	C12H26	000112-40-3	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





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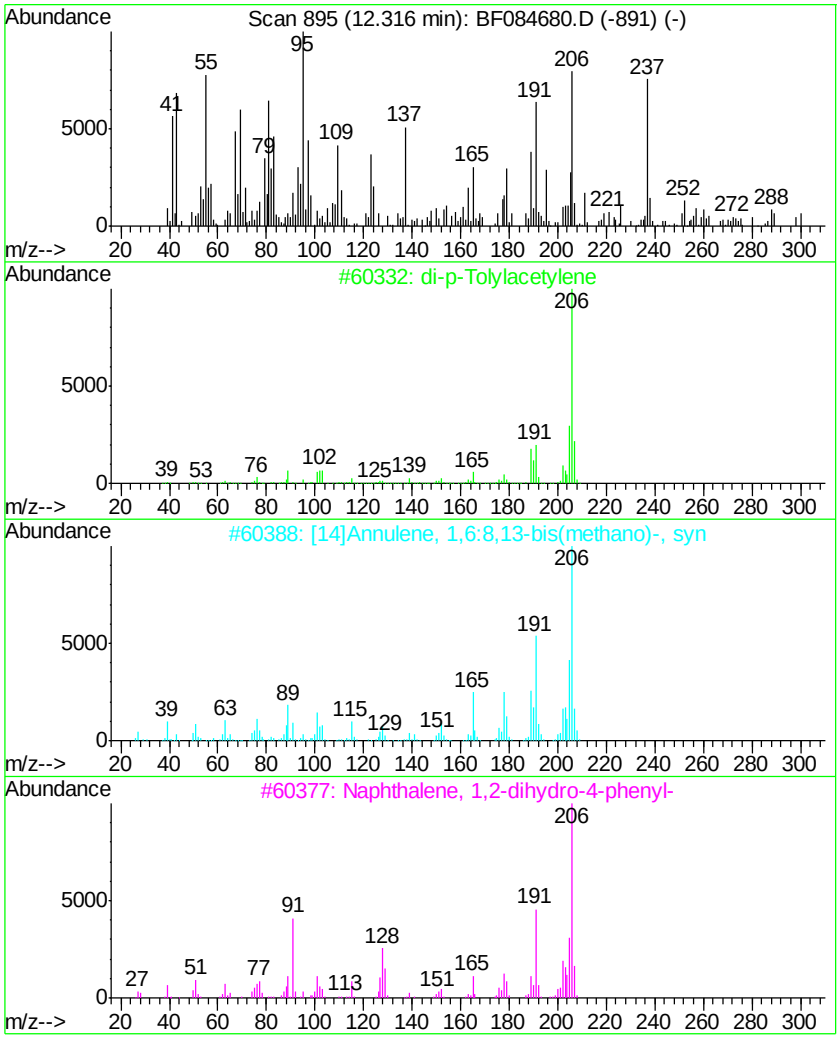
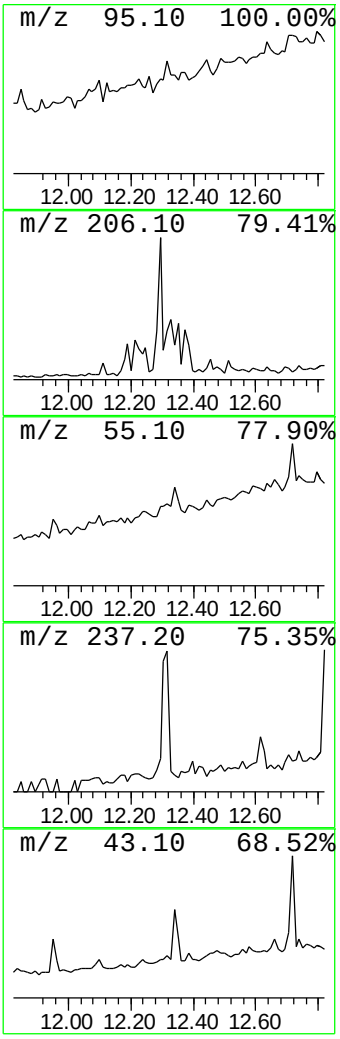
Peak Number 16 unknown12.32 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.68 ng	322138	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	25
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	25
4	Cyclohexanone, 2,6-bis(2-methylp...	206	C14H22O	092368-82-6	25
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	25





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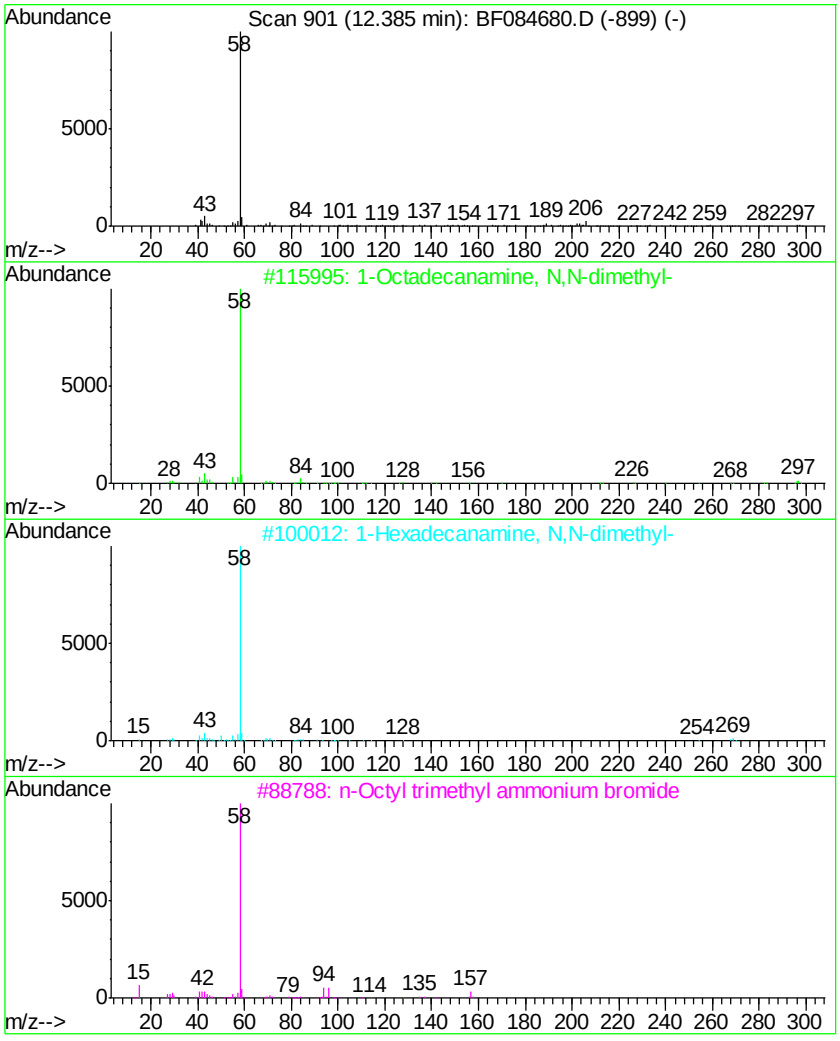
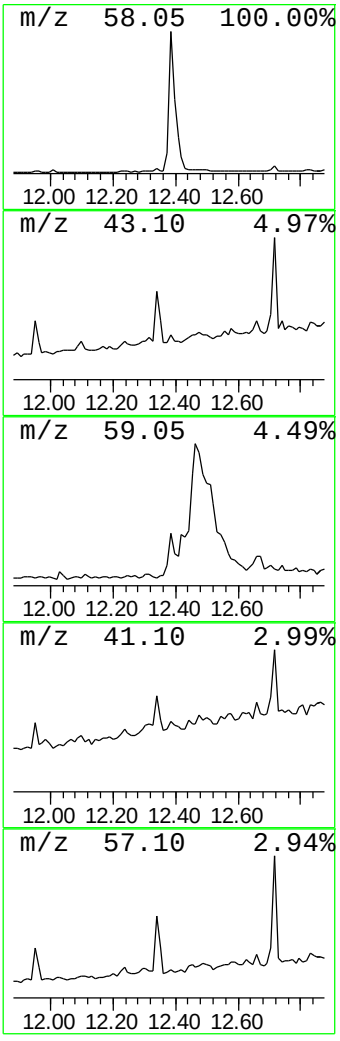
Peak Number 17 1-Octadecanamine, N,N-dimet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	3.59 ng	246830	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanamine, N,N-dimethyl-	297	C20H43N	000124-28-7	83
2	1-Hexadecanamine, N,N-dimethyl-	269	C18H39N	000112-69-6	72
3	n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64
4	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	64
5	Tetradonium Bromide	335	C17H38BrN	001119-97-7	64





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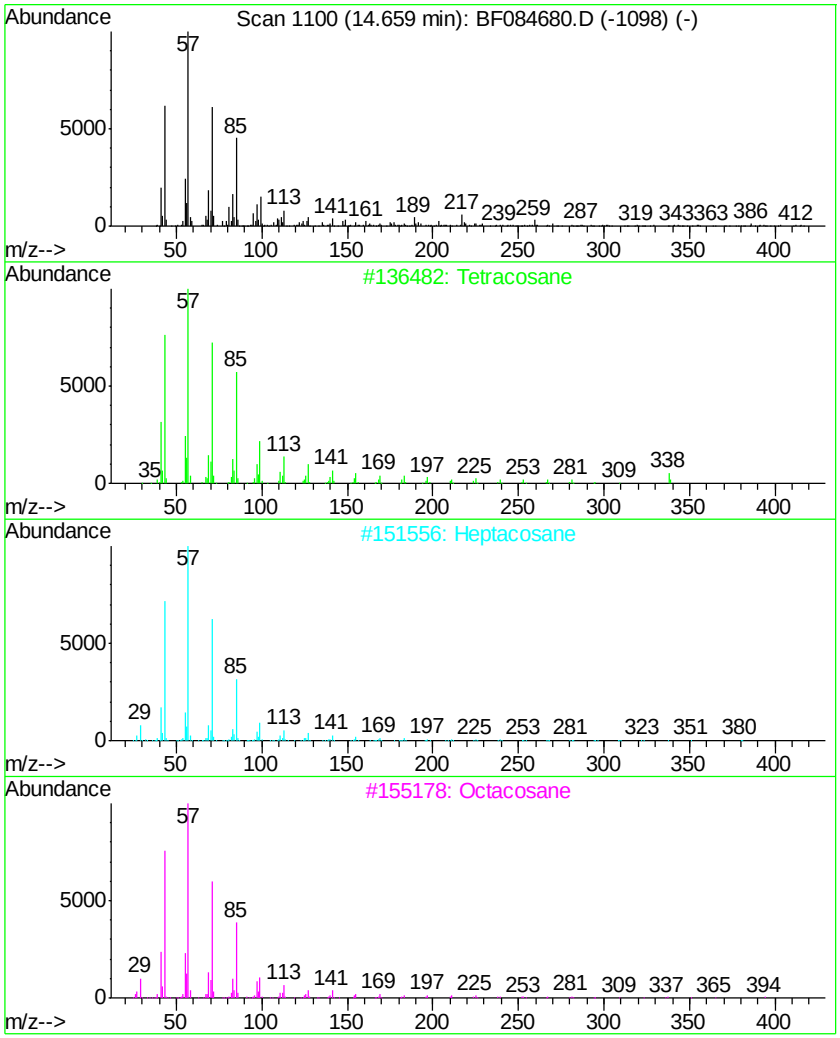
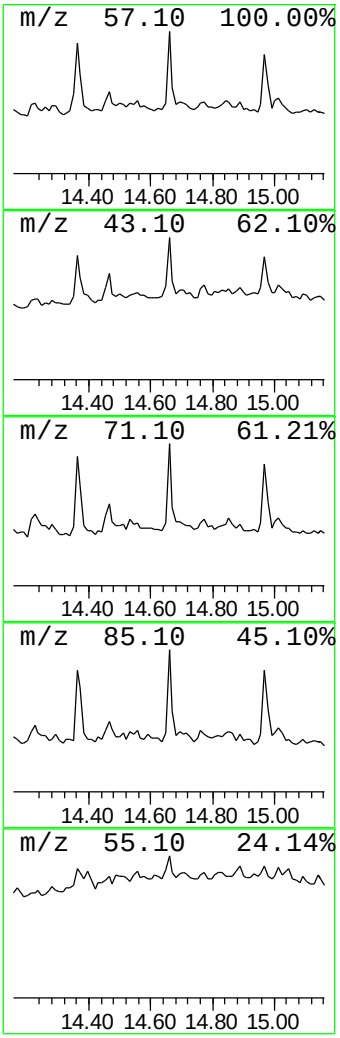
Peak Number 18 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	18.51 ng	726152	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptacosane	380	C27H56	000593-49-7	94
3	Octacosane	394	C28H58	000630-02-4	87
4	Behenyl chloride	344	C22H45Cl	042217-03-8	76
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	72





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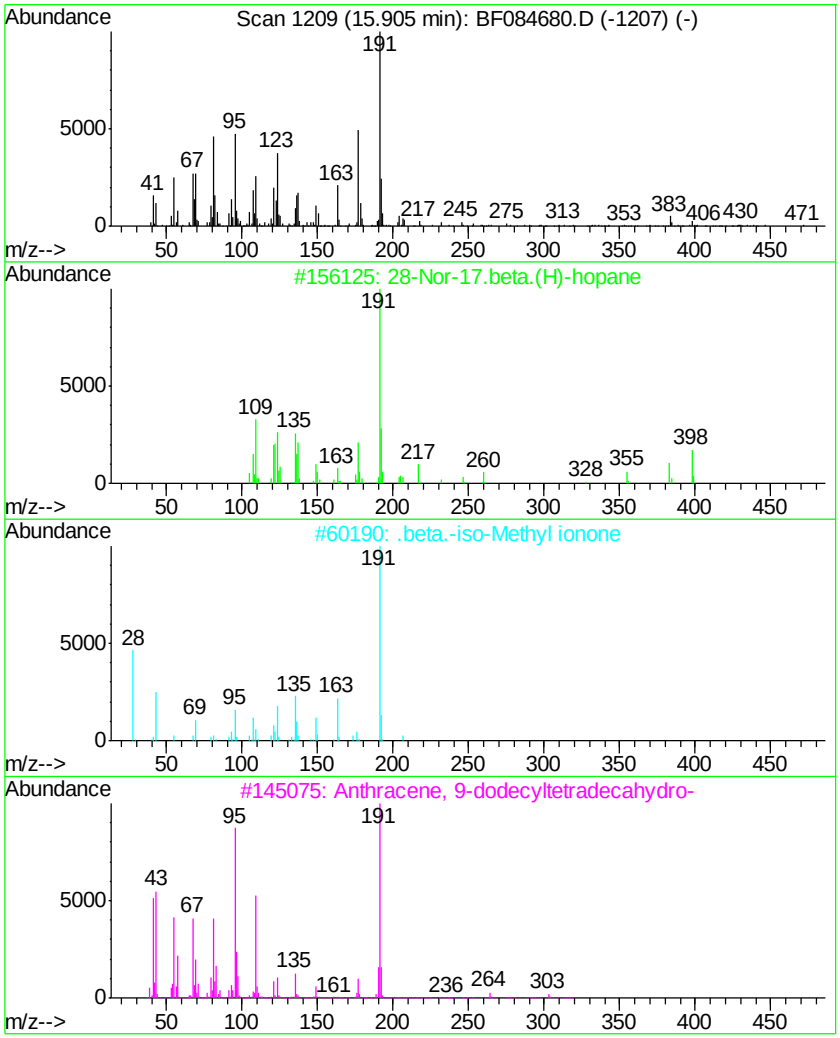
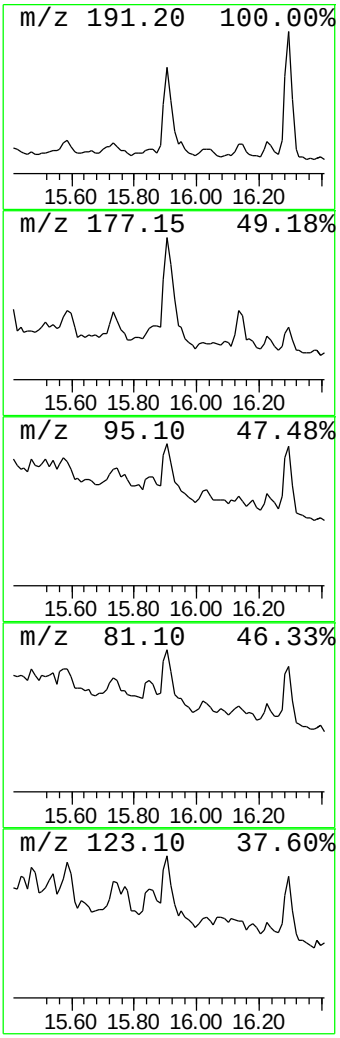
Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	44.99 ng	1765200	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	64
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	32





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ClientSampleId : SUP-B009(10-12)

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

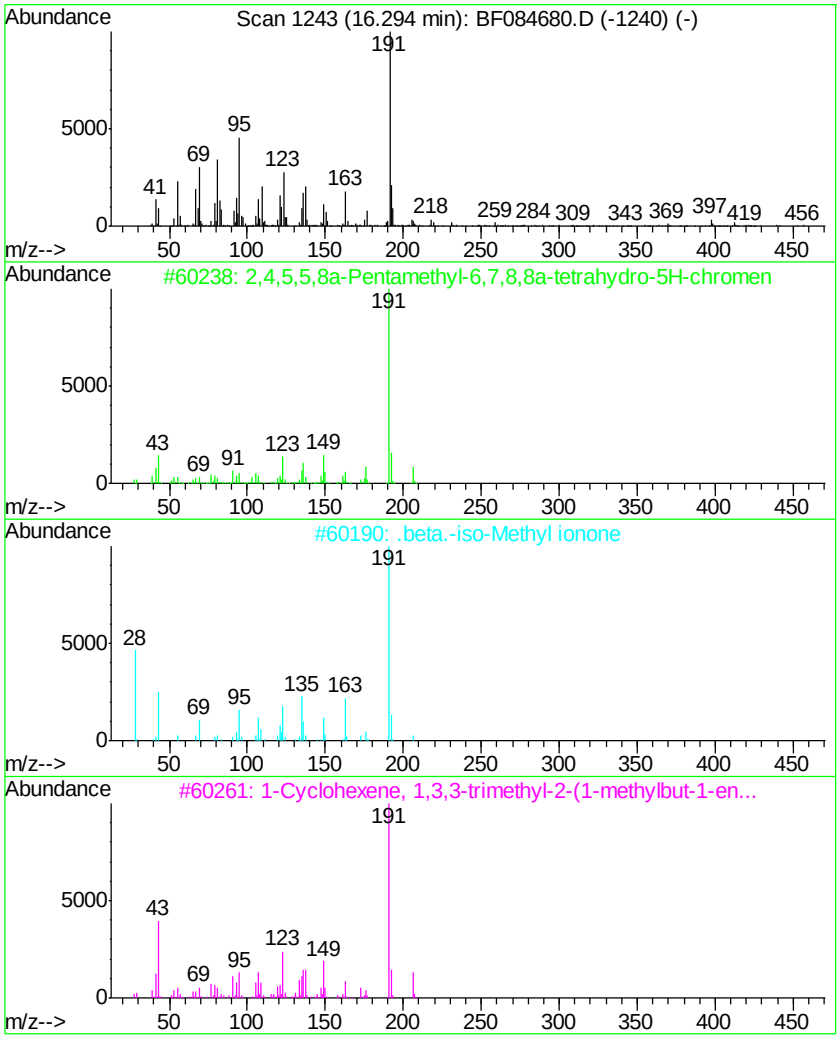
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

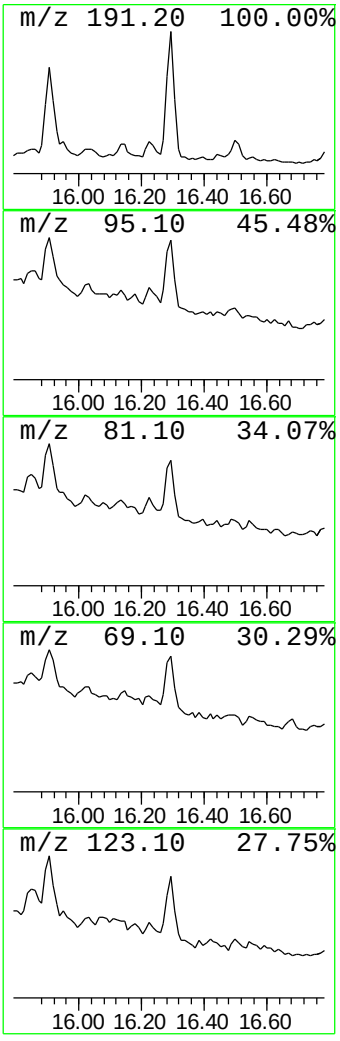
****

Peak Number 20 unknown16.29 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	29.06 ng	1140070	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	42
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084680.D
Acq On : 30 Jan 2016 12:31
Operator : SJ/IZ
Sample : H1273-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B009(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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.18	4.9	ng	272992	1	6.73	1112060	20.0
2-Pentanone, 4-hy...	4.89	60.6	ng	3370720	1	6.73	1112060	20.0
2-Pentanone, 4-me...	5.72	4.0	ng	225275	1	6.73	1112060	20.0
.alpha.-Pinene	5.98	20.6	ng	1143030	1	6.73	1112060	20.0
Camphene	6.16	4.5	ng	250522	1	6.73	1112060	20.0
unknown6.50	6.50	73.0	ng	4058420	1	6.73	1112060	20.0
Bicyclo[2.2.1]hep...	7.54	3.1	ng	220148	2	8.01	1423960	20.0
Bicyclo[2.2.1]hep...	7.76	4.3	ng	303462	2	8.01	1423960	20.0
Cyclohexanemethan...	8.76	12.3	ng	873493	2	8.01	1423960	20.0
Phthalic anhydride	8.78	3.2	ng	225697	2	8.01	1423960	20.0
unknown9.81	9.81	3.6	ng	235956	3	9.76	1311760	20.0
Hexaethylene glyc...	10.09	4.1	ng	271432	3	9.76	1311760	20.0
Hexadecane	10.20	7.5	ng	494766	3	9.76	1311760	20.0
Tetradecane	10.67	4.5	ng	307475	4	11.24	1375870	20.0
unknown12.32	12.32	4.7	ng	322138	4	11.24	1375870	20.0
1-Octadecanamine,...	12.38	3.6	ng	246830	4	11.24	1375870	20.0
Tetracosane	14.66	18.5	ng	726152	6	15.28	784714	20.0
28-Nor-17.beta.(H...	15.91	45.0	ng	1765200	6	15.28	784714	20.0
unknown16.29	16.29	29.1	ng	1140070	6	15.28	784714	20.0