LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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	4.887	473	476	483	rBV	76680	87602	1.63%	0.173%
2	5.316	545	549	562	rBV	1552217	1547087	28.87%	3.053%
3	5.981	658	662	665	rBV	267027	239346	4.47%	0.472%
4	6.110	665	684	685	rVV4	48124	205672	3.84%	0.406%
5	6.145	688	690	700	rVB3	70942	95372	1.78%	0.188%
6	6.345	720	724	731	rBV	1019038	1024094	19.11%	2.021%
7	6.475	742	746	749	rBV	2959016	2704045	50.46%	5.337%
8	6.545	756	758	769	rVB	89349	148708	2.78%	0.293%
9	6.698	781	784	794	rBV	1205562	1162530	21.69%	2.294%
10	6.781	795	798	802	rVB	85143	77030	1.44%	0.152%
11	6.822	802	805	807	rBV	72961	61893	1.16%	0.122%
12	6.857	807	811	815	rBV	3696482	3628792	67.72%	7.162%
13	7.269	875	881	884	rBV	2855949	3161116	58.99%	6.239%
14	7.298	884	886	888	rVB	170711	128517	2.40%	0.254%
15	7.516	920	923	932	rBV	215605	345160	6.44%	0.681%
16	7.698	950	954	956	rBV3	67709	96906	1.81%	0.191%
17	7.728	956	959	963	rVB	255236	233125	4.35%	0.460%
18	7.787	965	969	971	rBV	89445	86700	1.62%	0.171%
19	7.892	984	987	990	rBV	251216	306197	5.71%	0.604%
20	7.928	990	993	995	rVV	477121	481298	8.98%	0.950%
21	7.981	999	1002	1005	rVV	1456230	1442986	26.93%	2.848%
22	8.016	1005	1008	1018	rVB	2624481	2433400	45.41%	4.803%
23	8.116	1021	1025	1027	rBV	200652	173498	3.24%	0.342%
24	8.257	1045	1049	1058	rBV2	50068	95334	1.78%	0.188%
25	8.698	1117	1124	1126	rBV	78569	92341	1.72%	0.182%
26	8.728	1126	1129	1133	rVV	190892	204915	3.82%	0.404%
27	8.781	1136	1138	1148	rVB	117344	149117	2.78%	0.294%
28	9.063	1180	1186	1189	rBV	5302743	5358686	100.00%	10.576%
29	9.357	1231	1236	1240	rBV5	45617	65301	1.22%	0.129%
30	9.451	1248	1252	1256	rBV	139516	131449	2.45%	0.259%
31	9.669	1282	1289	1294	rBV2	79112	219035	4.09%	0.432%
32	9.733	1294	1300	1308	rVB	1749998	1703767	31.79%	3.363%
33	10.016	1343	1348	1356	rBV	768640	893832	16.68%	1.764%
34	10.516	1429	1433	1439	rBV	2099246	1999241	37.31%	3.946%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.739	1468	1471	1478	rVB	68798	74035	1.38%	0.146%
36	11.210	1547	1551	1557	rBV	1737941	1565896	29.22%	3.091%
37	11.275	1557	1562	1569	rVB4	69818	143767	2.68%	0.284%
38	11.516	1598	1603	1608	rBV6	24072	54333	1.01%	0.107%
39	11.575	1608	1613	1629	rVV2	336262	1092961	20.40%	2.157%
40	11.704	1630	1635	1638	rVV	71729	141456	2.64%	0.279%
41	11.763	1638	1645	1652	rVV	2814929	3701776	69.08%	7.306%
42	11.816	1652	1654	1663	rVB	211296	321865	6.01%	0.635%
43	11.910	1668	1670	1680	rVB2	130602	167330	3.12%	0.330%
44	12.457	1757	1763	1771	rBV2	174541	387104	7.22%	0.764%
45	12.545	1771	1778	1798	rVV	3554167	4843905	90.39%	9.560%
46	12.792	1815	1820	1823	rBV	4135107	3901302	72.80%	7.700%
47	13.733	1976	1980	1990	rBV2	90815	235909	4.40%	0.466%
48	13.833	1994	1997	2007	rVB	1088861	1029783	19.22%	2.032%
49	14.310	2072	2078	2083	rBV	92005	108948	2.03%	0.215%
50	14.363	2084	2087	2095	rBV	60339	98000	1.83%	0.193%
51	14.604	2125	2128	2135	rVB	149485	139185	2.60%	0.275%
52	14.915	2177	2181	2185	rBV	160009	175267	3.27%	0.346%
53	15.233	2230	2235	2239	rBV	942744	1211773	22.61%	2.392%
54	15.263	2239	2240	2249	rVB	188040	195382	3.65%	0.386%
55	15.662	2303	2308	2315	rBV	127352	190886	3.56%	0.377%
56	16.121	2381	2386	2392	rBV	61425	103035	1.92%	0.203%

Sum of corrected areas: 50667990

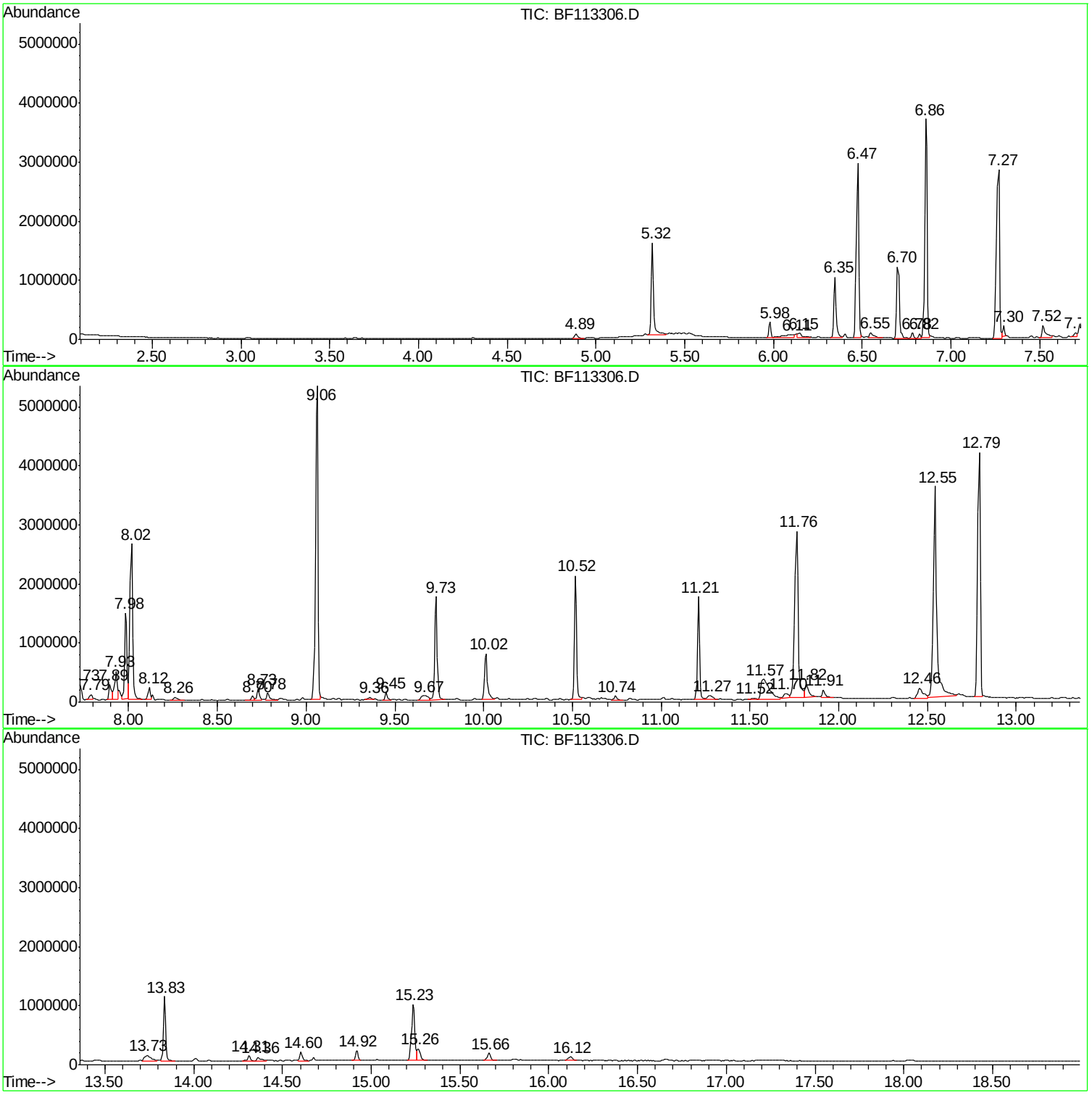
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

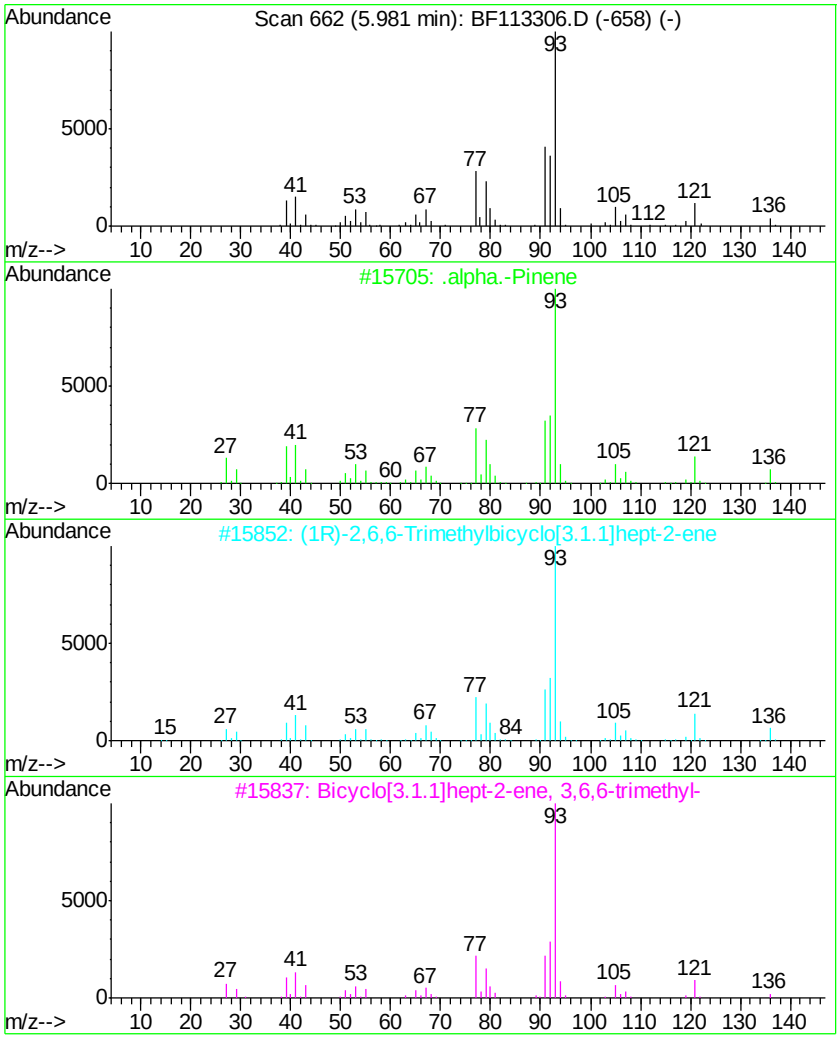
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

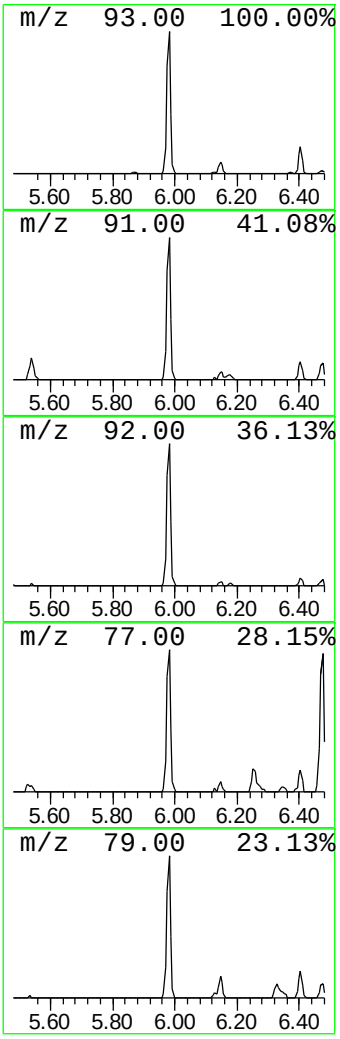
****

Peak Number 1 .alpha.-Pinene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	4.12 ng	239346	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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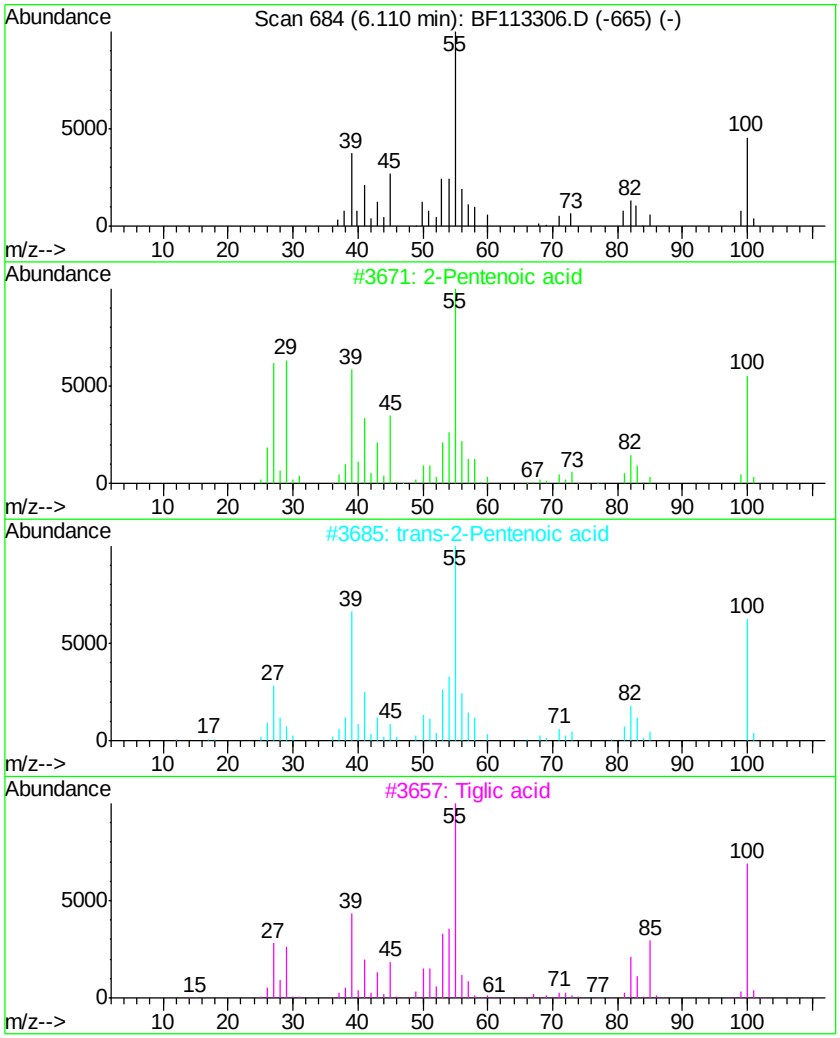
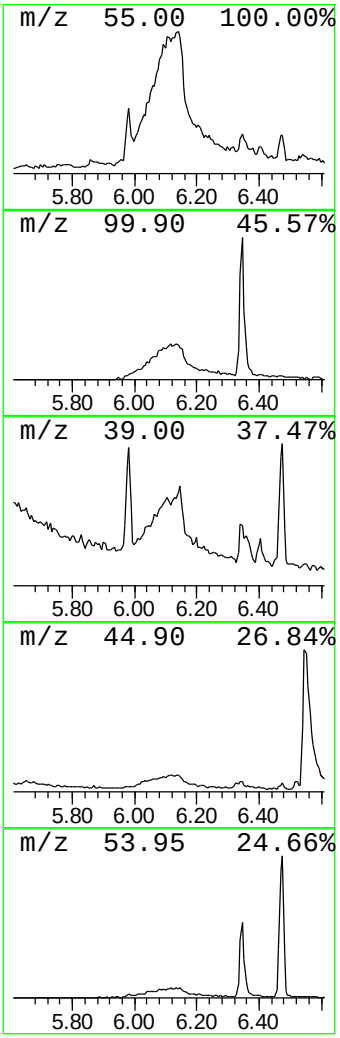
Peak Number 2 2-Pentenoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	3.54 ng	205672	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid	100	C5H8O2	000626-98-2	81
2	trans-2-Pentenoic acid	100	C5H8O2	013991-37-2	70
3	Tiglic acid	100	C5H8O2	000080-59-1	58
4	2-Methylcyclopropanecarboxylic acid	100	C5H8O2	029555-02-0	50
5	1-Methylcyclopropanecarboxylic acid	100	C5H8O2	006914-76-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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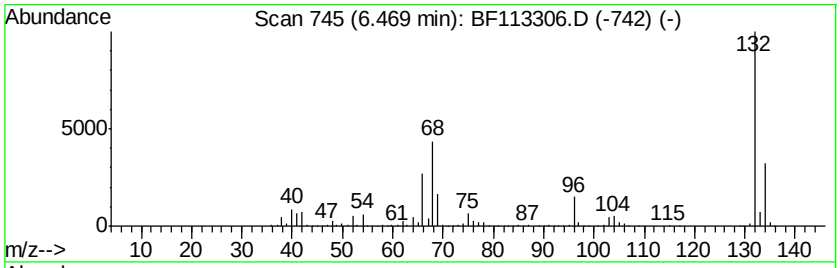
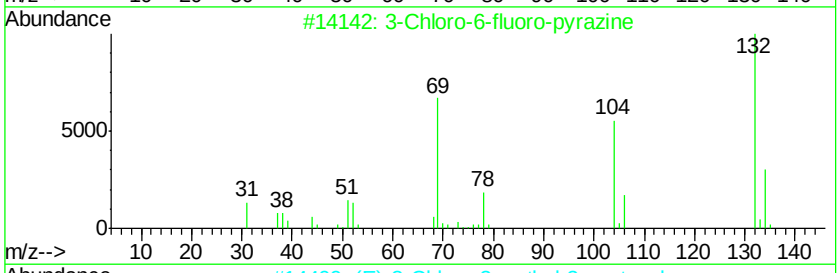
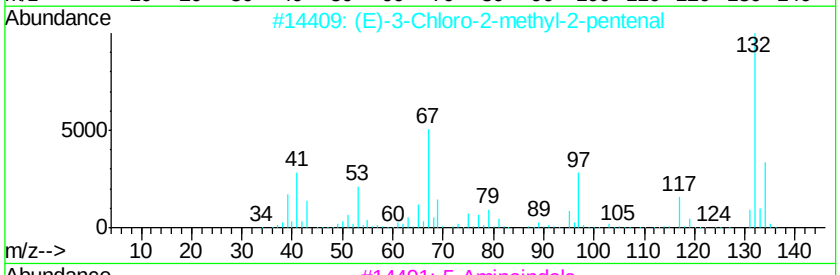
Peak Number 3 unknown6.47 Concentration Rank 4

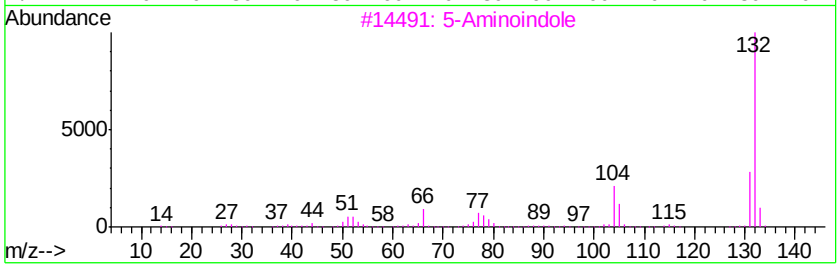
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	46.52 ng	2704050	1,4-Dichlorobenzene-d4	6.70

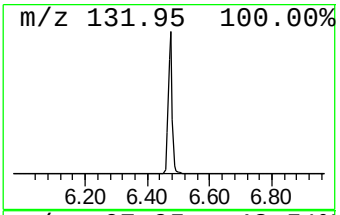
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9

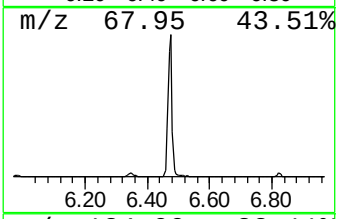


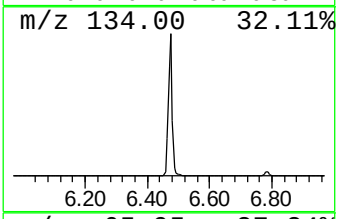


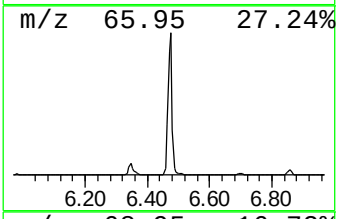


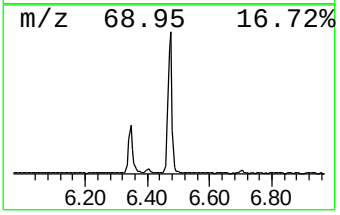












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ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

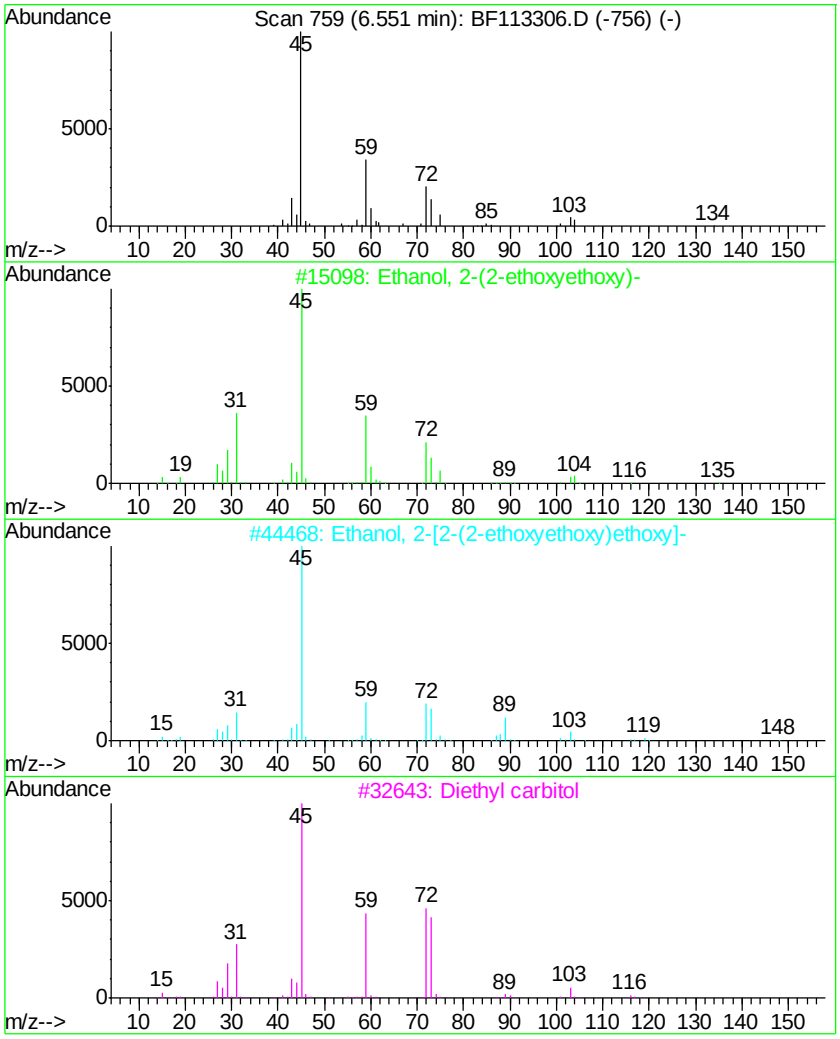
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

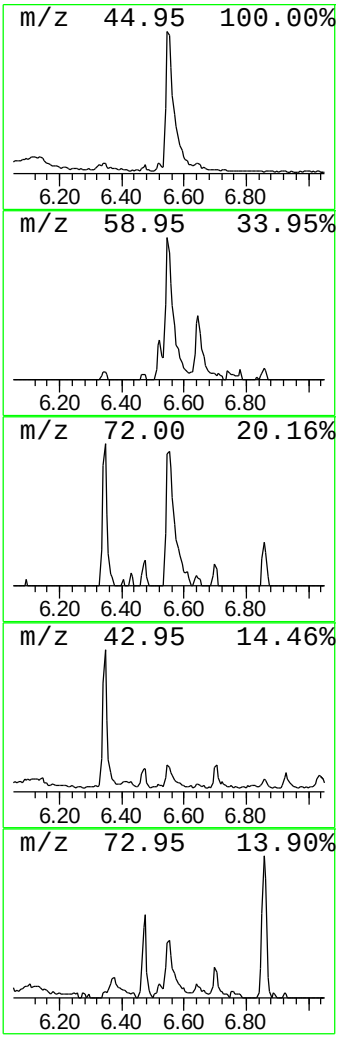
****

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	2.56 ng	148708	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	72
3	Diethyl carbitol	162	C8H18O3	000112-36-7	47
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

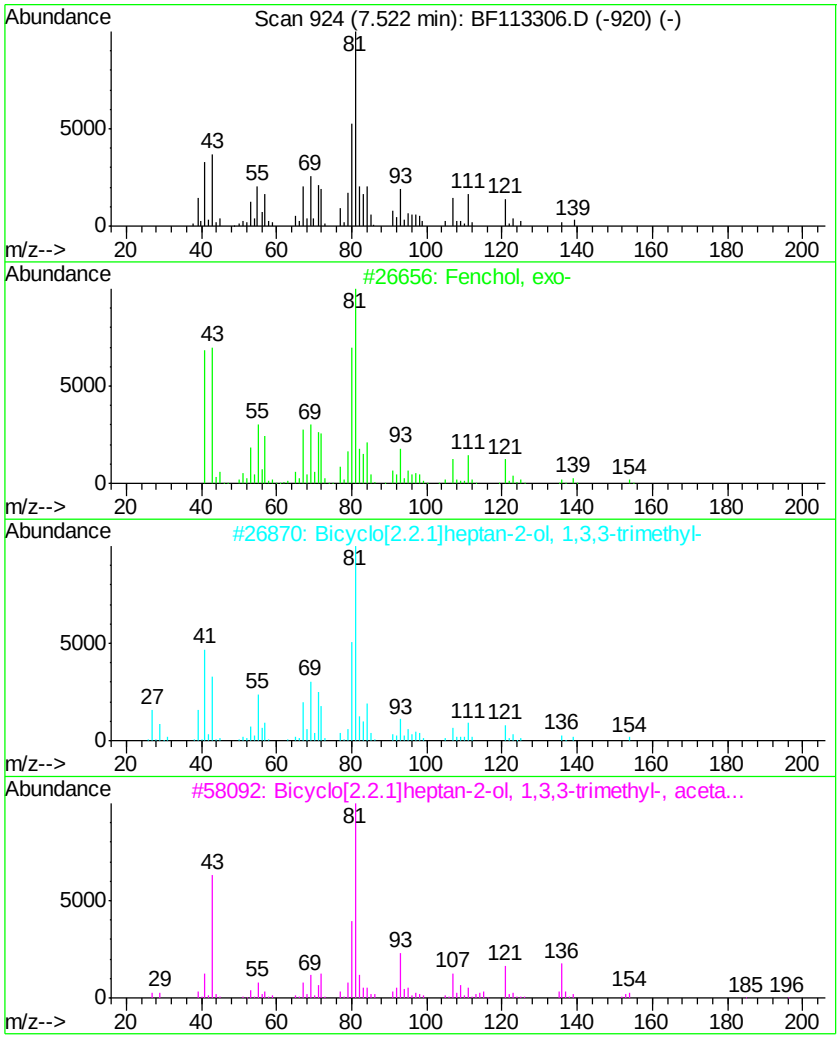
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

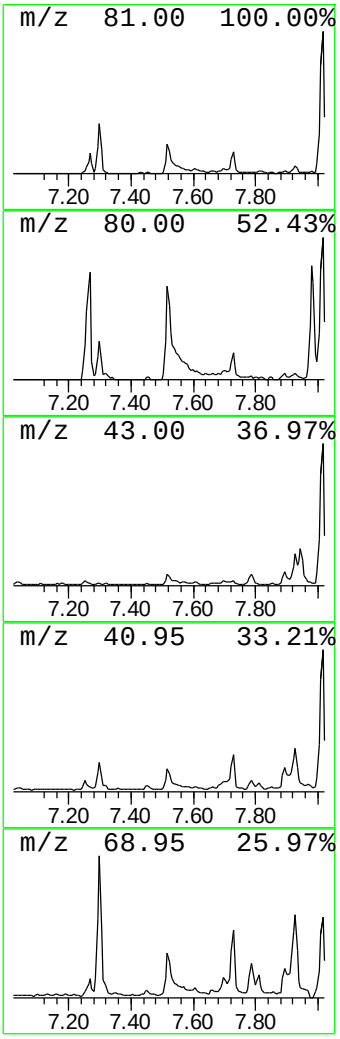
****

Peak Number 6 Fenchol, exo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	4.78 ng	345160	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchol, exo-	154	C10H18O	022627-95-8	91
2	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	90
3	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	196	C12H20O2	076109-40-5	47
4	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	40
5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

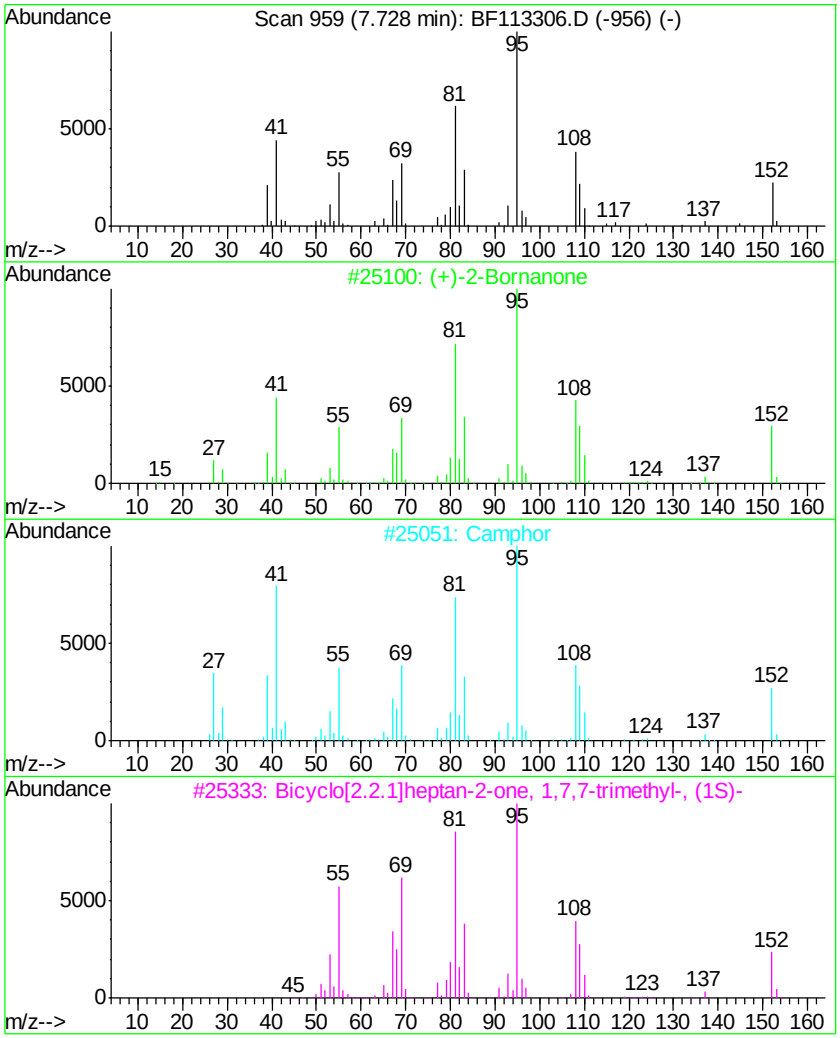
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

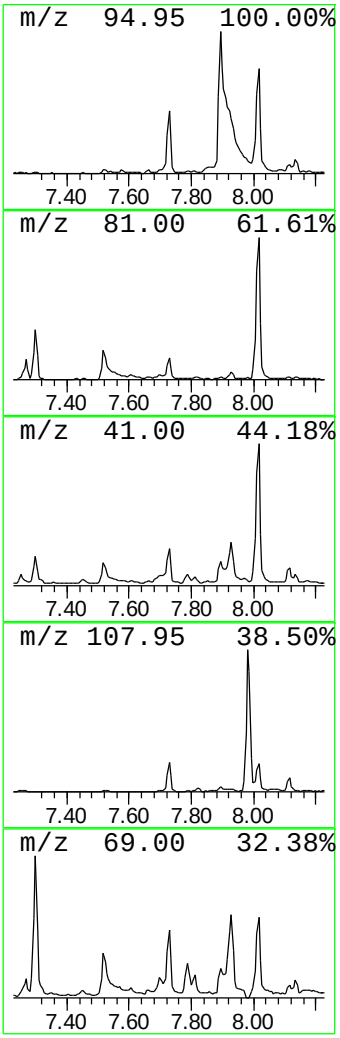
****

Peak Number 7 (+)-2-Bornanone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	3.23 ng	233125	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Camphor	152	C10H16O	000076-22-2	95
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	72
4	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	43
5	1-Adamantanol	152	C10H16O	000768-95-6	43





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Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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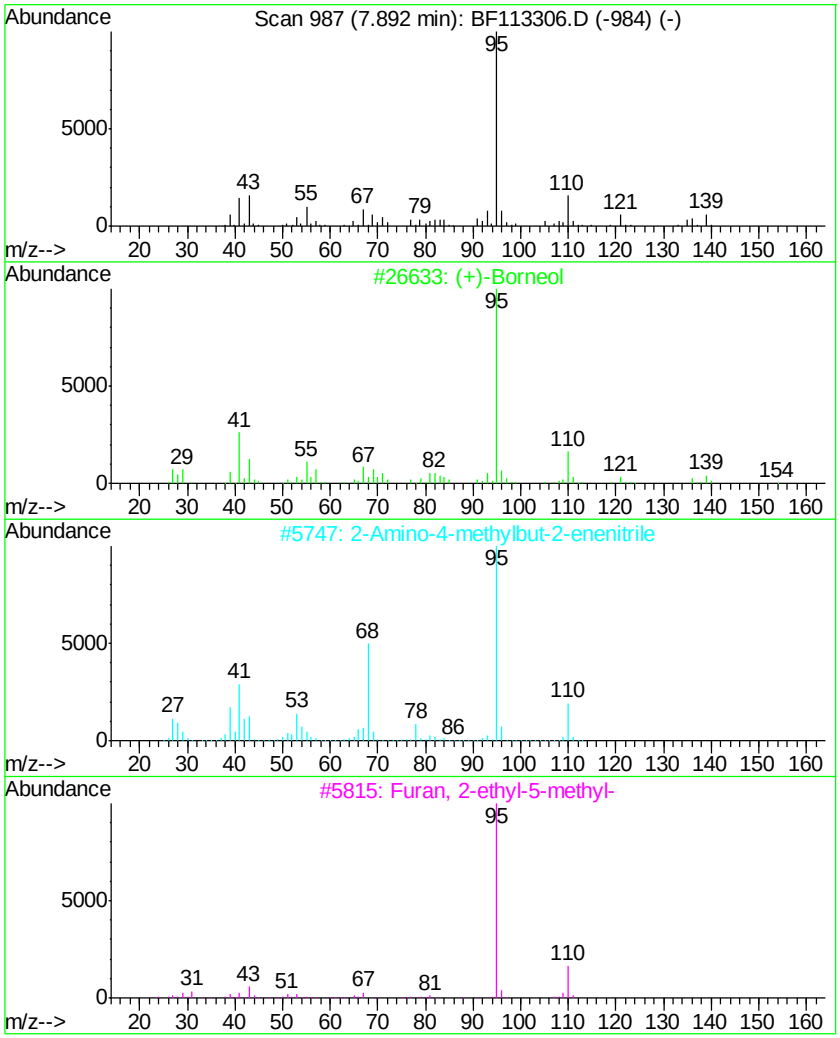
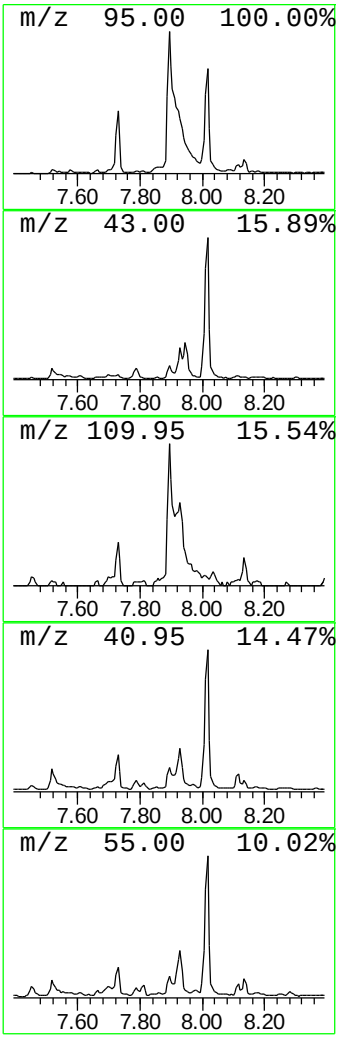
Peak Number 8 (+)-Borneol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	4.24 ng	306197	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-Borneol	154	C10H18O	1000150-76-3	78
2	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	72
3	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	72
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	64
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64





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Operator : JU/SJ
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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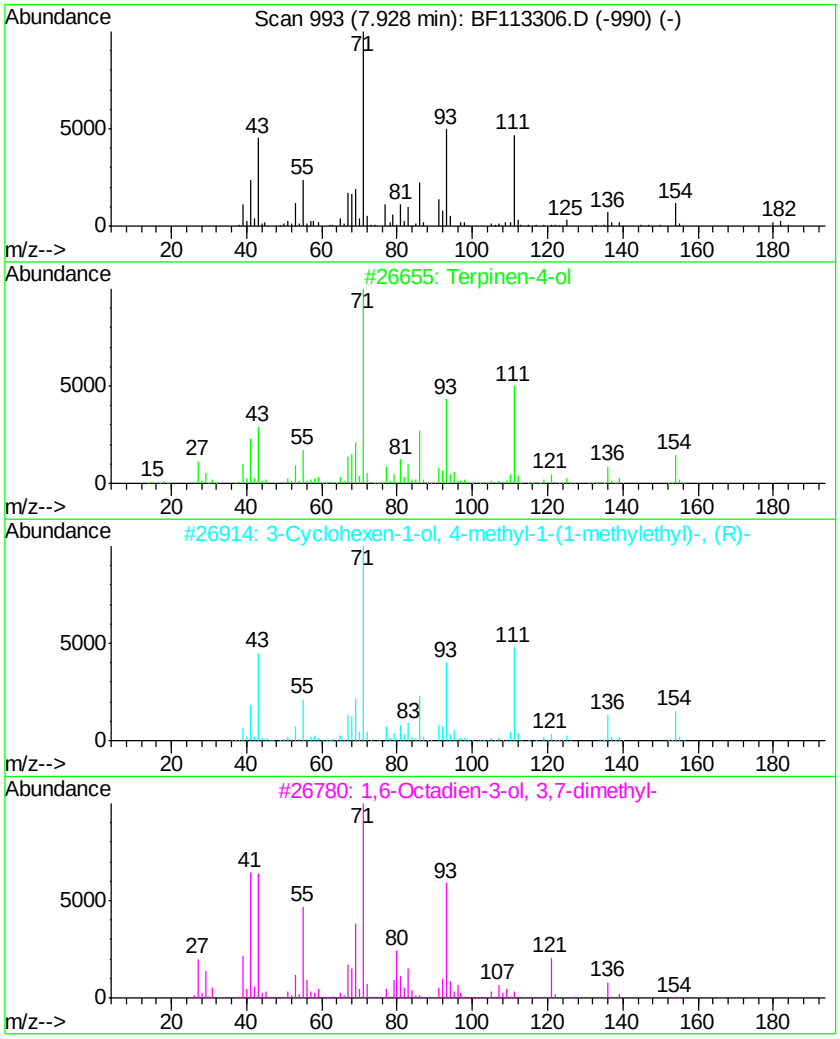
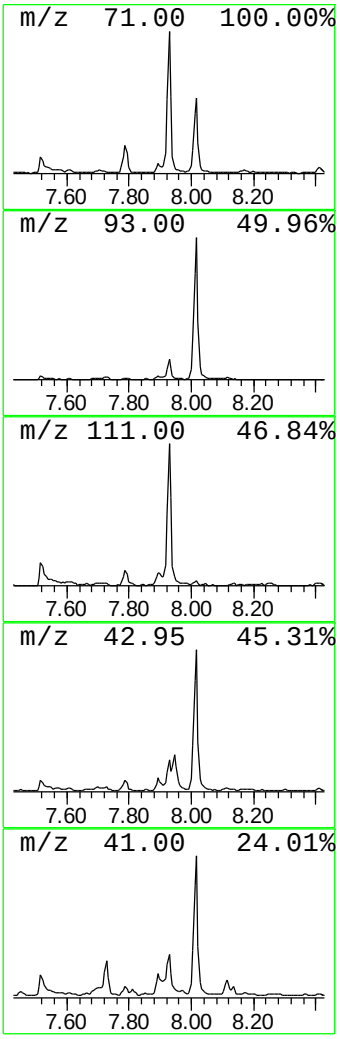
Peak Number 9 Terpinen-4-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	6.67 ng	481298	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terpinen-4-ol	154	C10H18O	000562-74-3	94
2	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	90
3	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	47
4	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
5	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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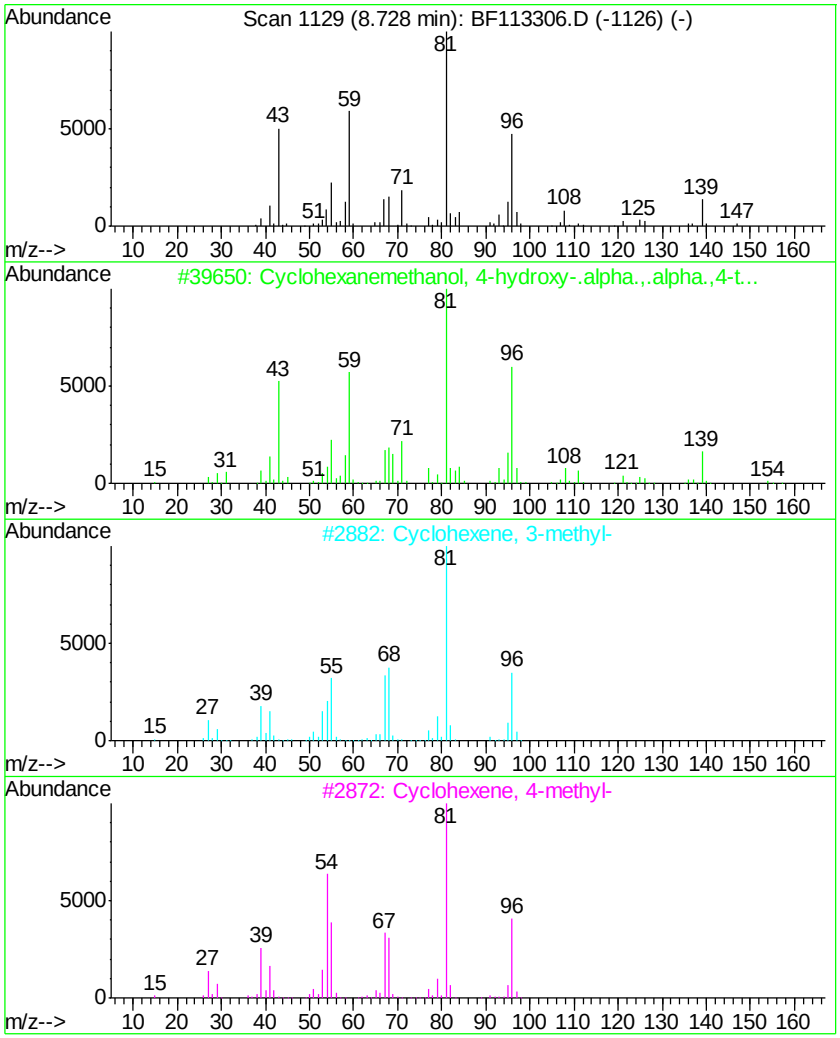
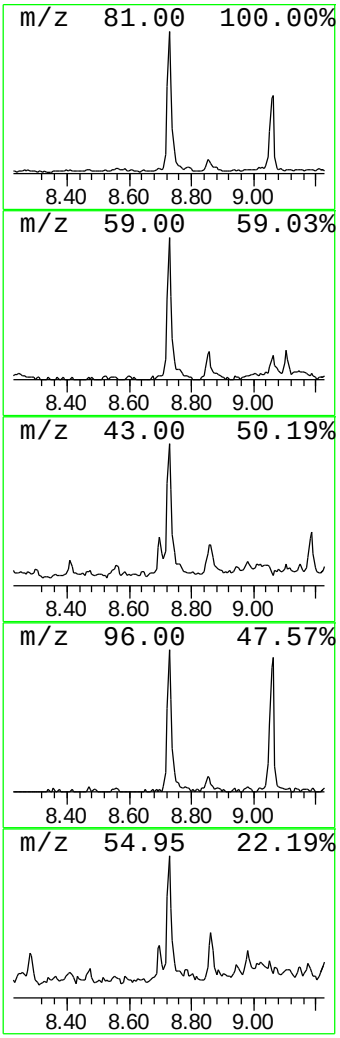
Peak Number 10 Cyclohexanemethanol, 4-hydr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.84 ng	204915	Naphthalene-d8	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	91
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	64
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	58
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	52
5	4-Methylcyclohexanol acetate	156	C9H16O2	022597-23-5	50





Library Search Compound Report

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Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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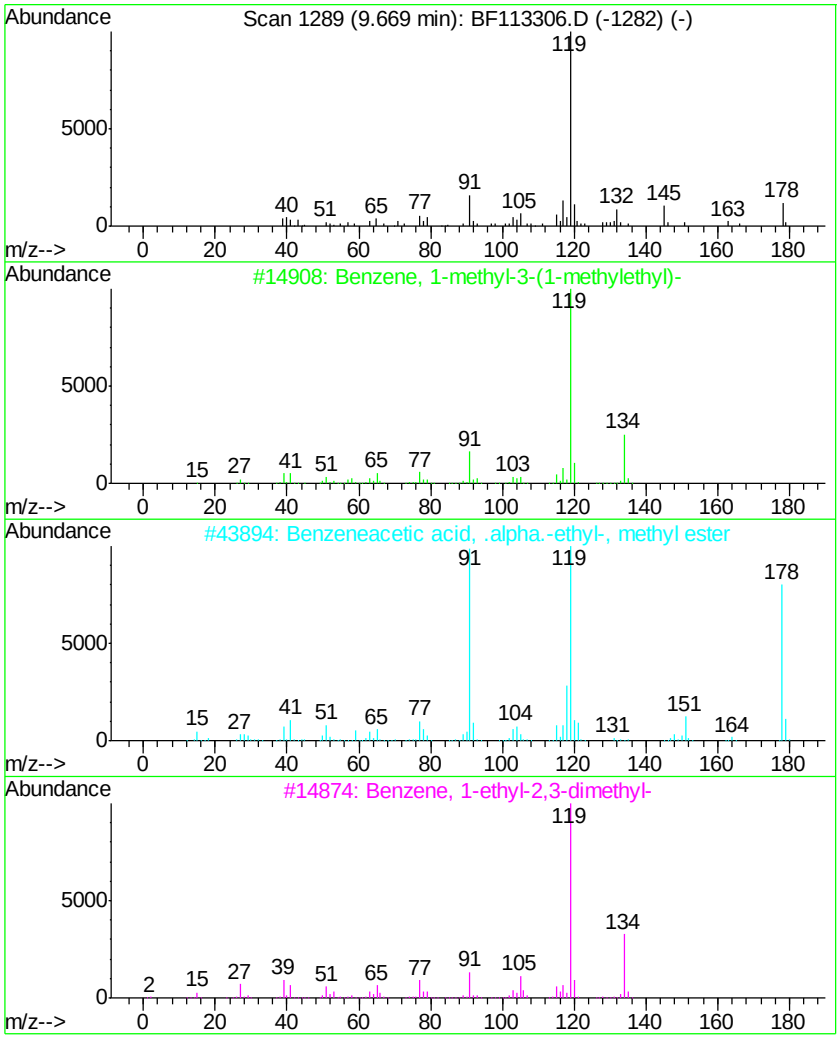
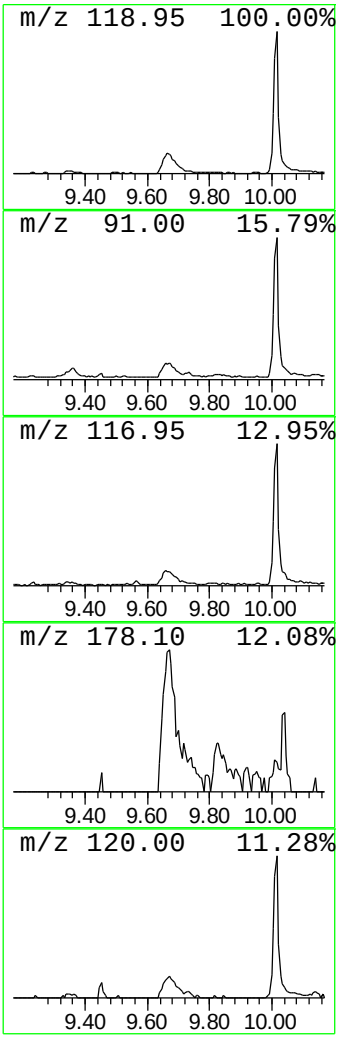
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.57 ng	219035	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2	Benzeneacetic acid, .alpha.-ethy...	178	C11H14O2	002294-71-5	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	64
5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	64





Library Search Compound Report

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Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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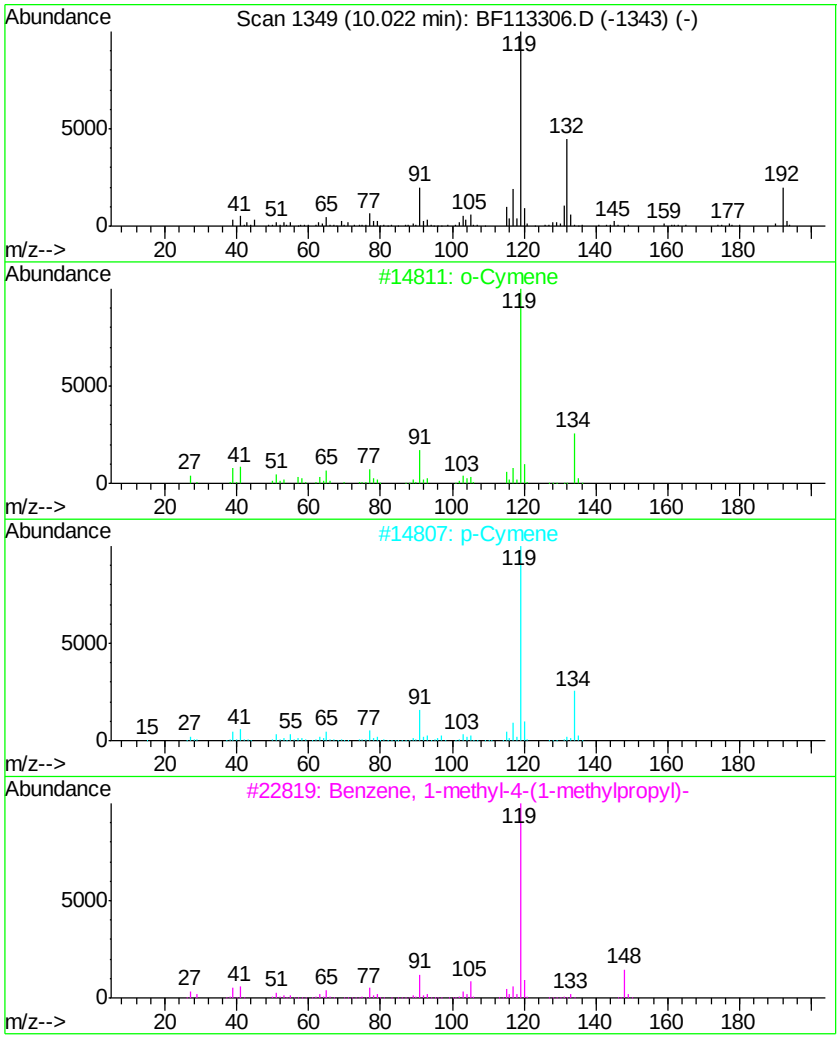
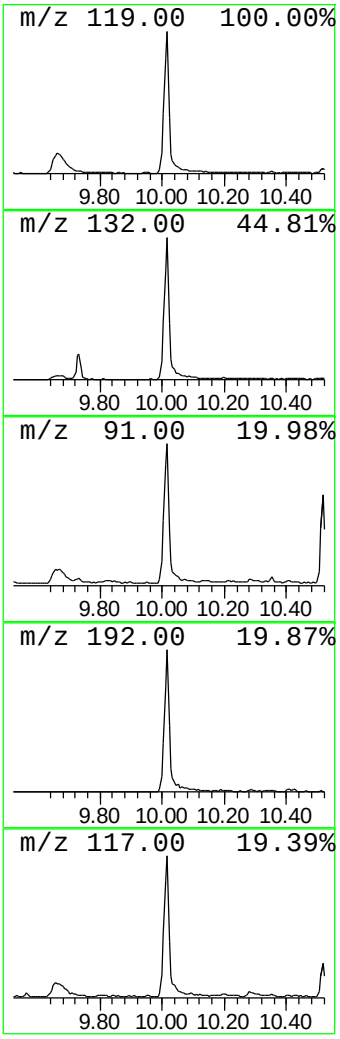
Peak Number 12 unknown10.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	10.49 ng	893832	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	49
2	p-Cymene	134	C10H14	000099-87-6	47
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	47
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
5	Benzenebutanoic acid, 2,5-dimethyl-	192	C12H16O2	001453-06-1	41





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Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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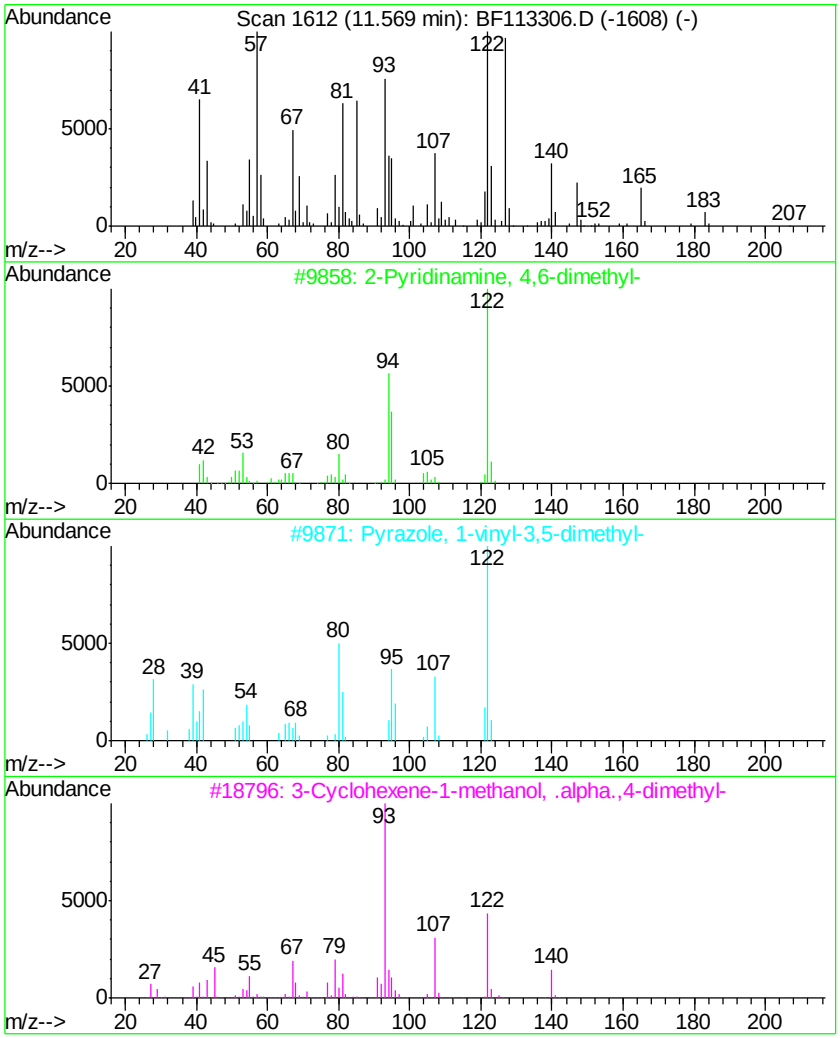
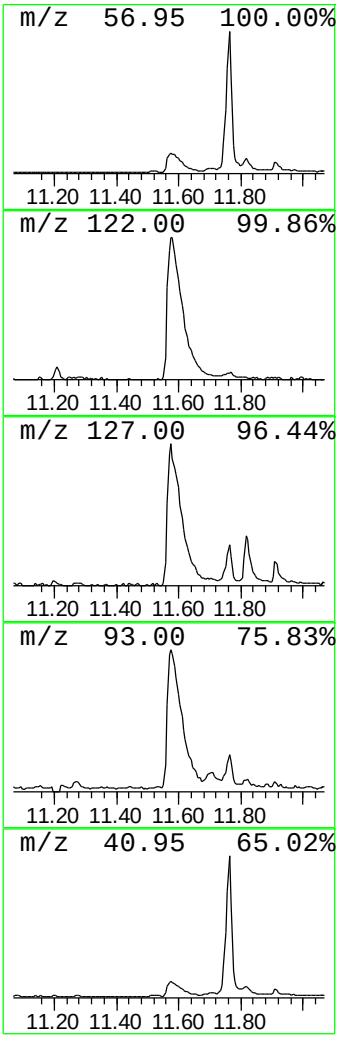
Peak Number 13 unknown11.57 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	13.96 ng	1092960	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyridinamine, 4,6-dimethyl-	122	C7H10N2	005407-87-4	25
2	Pyrazole, 1-vinyl-3,5-dimethyl-	122	C7H10N2	015967-75-6	22
3	3-Cyclohexene-1-methanol, .alpha...	140	C9H16O	055511-67-6	22
4	2-Fluorophenethyl alcohol, hepta...	336	C12H8F8O2	1000365-17-6	14
5	Propane-1,2,3-triol, 1-(4-aminop...	183	C9H13NO3	1000303-72-4	14





Library Search Compound Report

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Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId : MH-C05-SETTLED-2H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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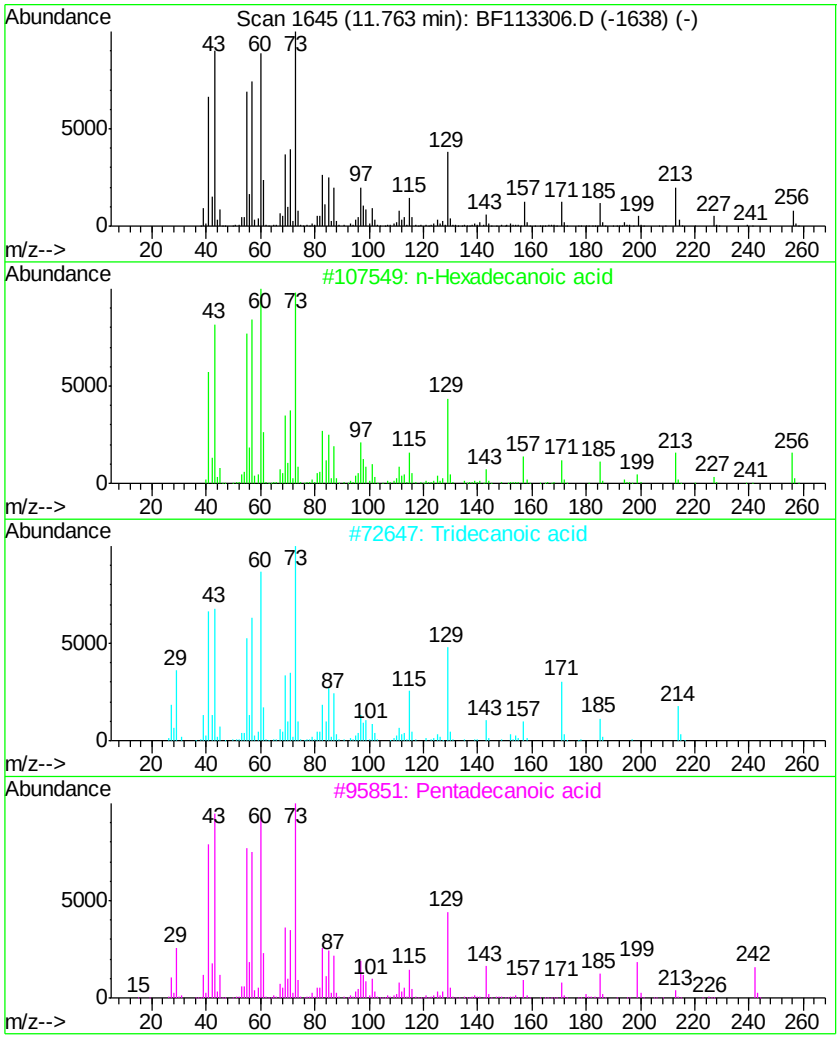
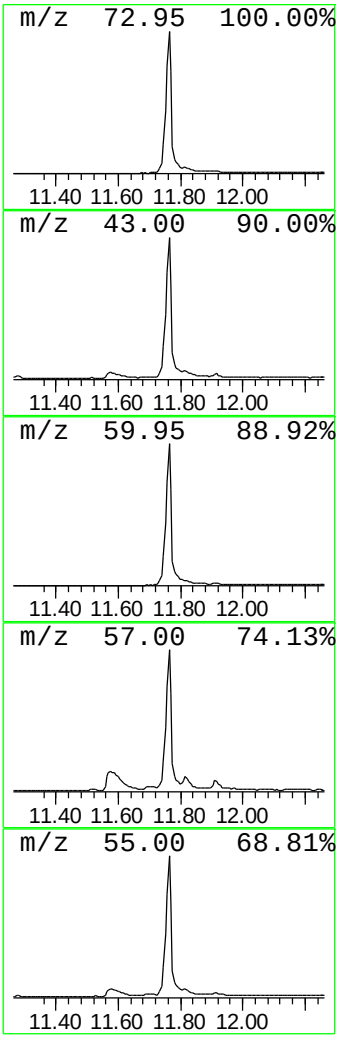
Peak Number 14 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	47.28 ng	3701780	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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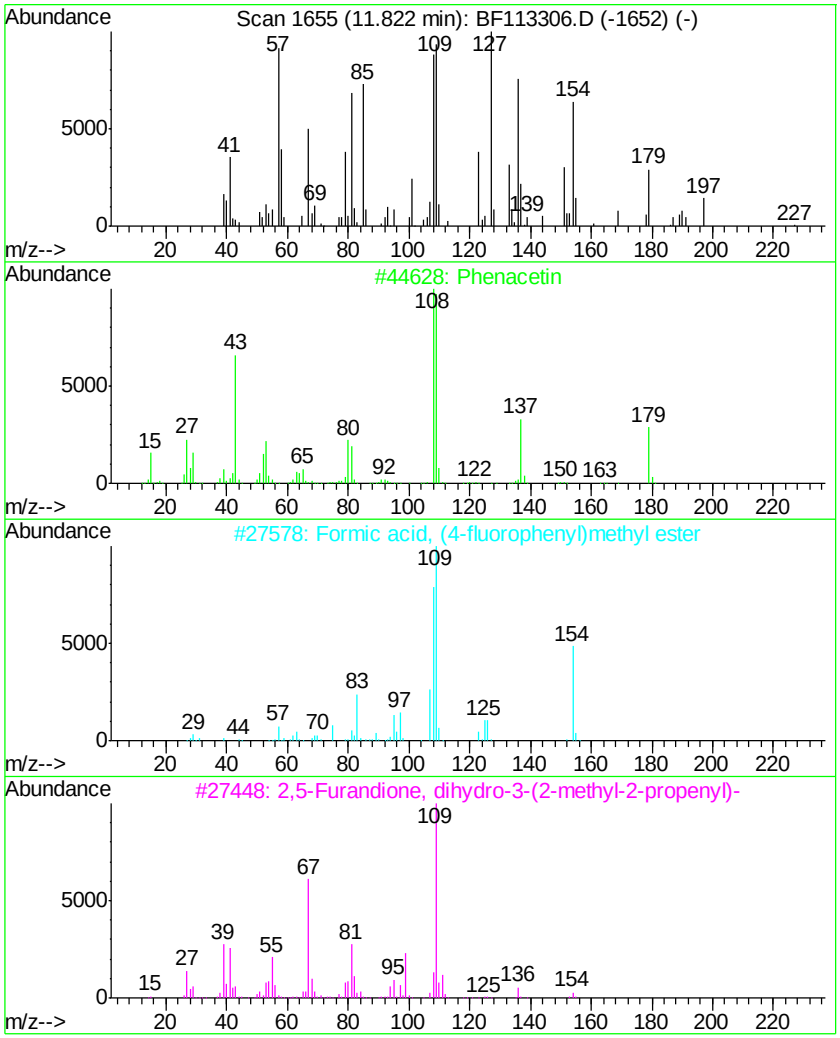
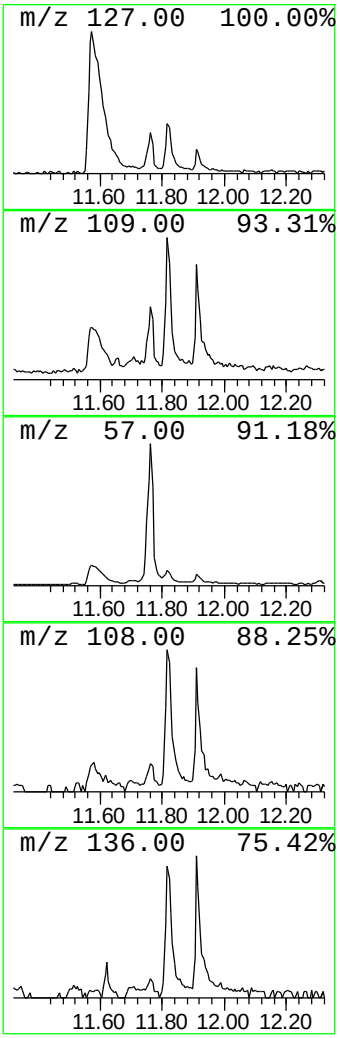
Peak Number 15 unknown11.82 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	4.11 ng	321865	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenacetin	179	C10H13NO2	000062-44-2	41
2	Formic acid, (4-fluorophenyl)met...	154	C8H7FO2	1000368-72-9	35
3	2,5-Furandione, dihydro-3-(2-met...	154	C8H10O3	018908-20-8	25
4	1H-Pyrrole-2-carboxaldehyde, 1-m...	109	C6H7NO	001192-58-1	22
5	o-Acetylphenetidine	179	C10H13NO2	000581-08-8	22





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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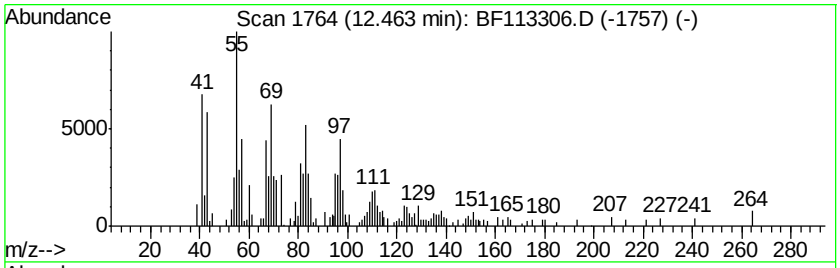
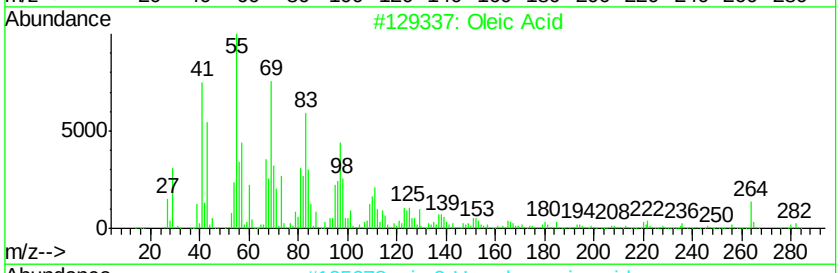
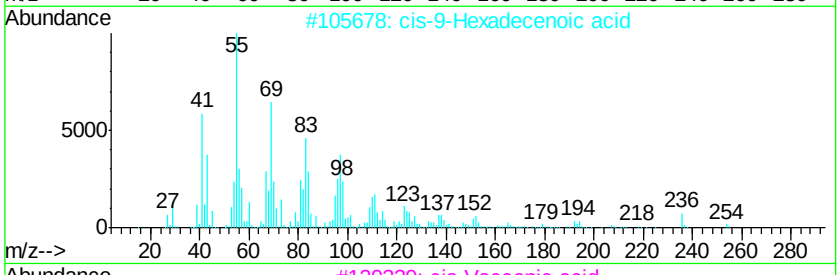
Peak Number 16 Oleic Acid Concentration Rank 8

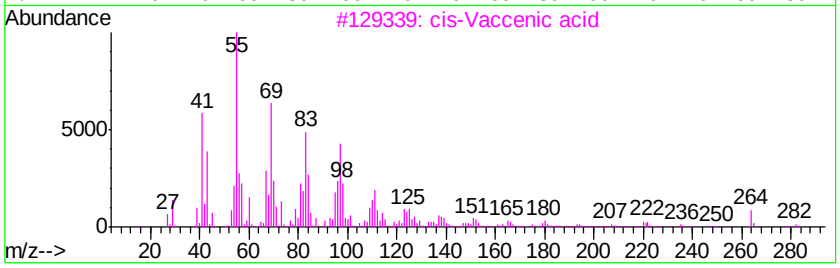
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.94 ng	387104	Phenanthrene-d10	11.21

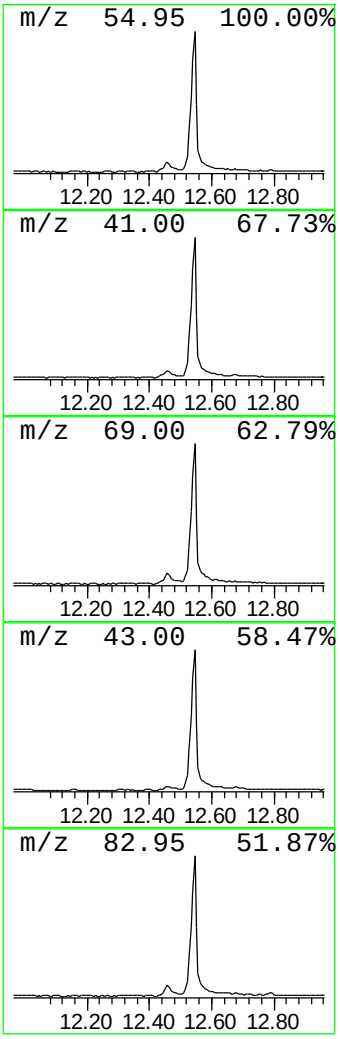
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	89
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	74
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	74
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	68
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	62











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Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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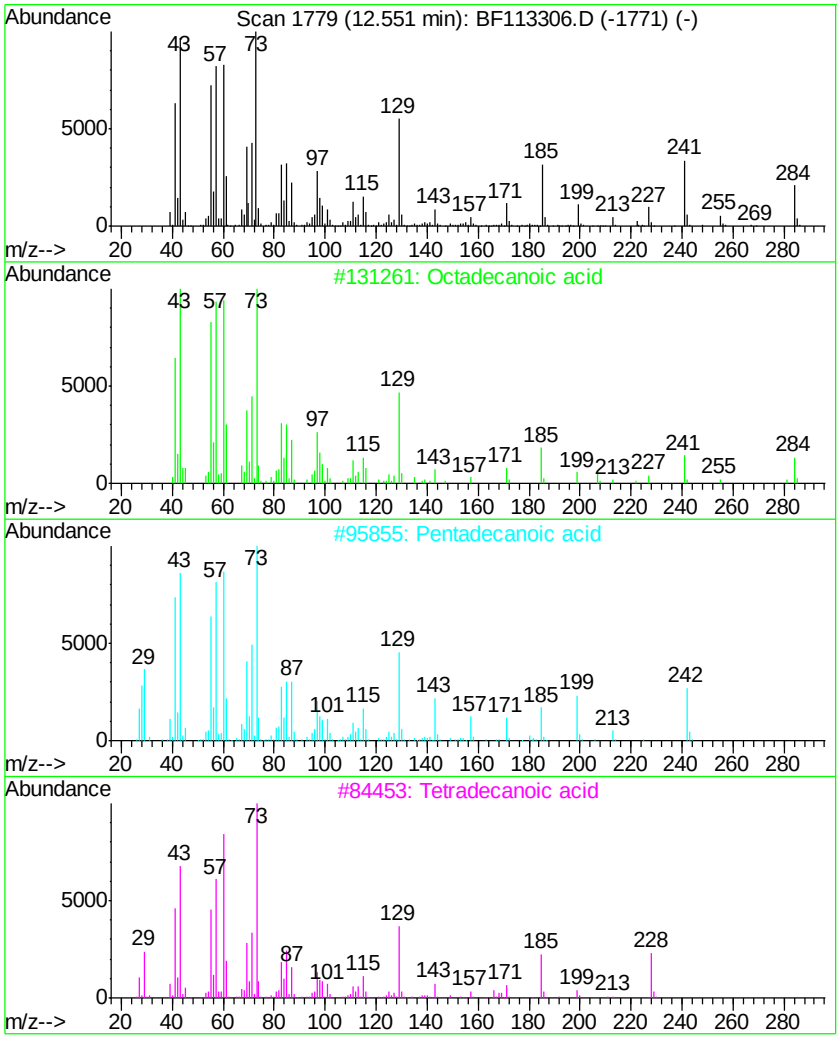
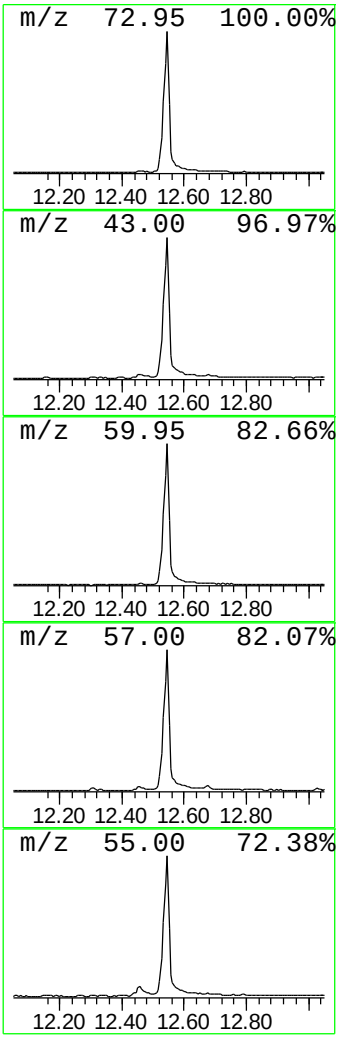
Peak Number 17 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	94.08 ng	4843910	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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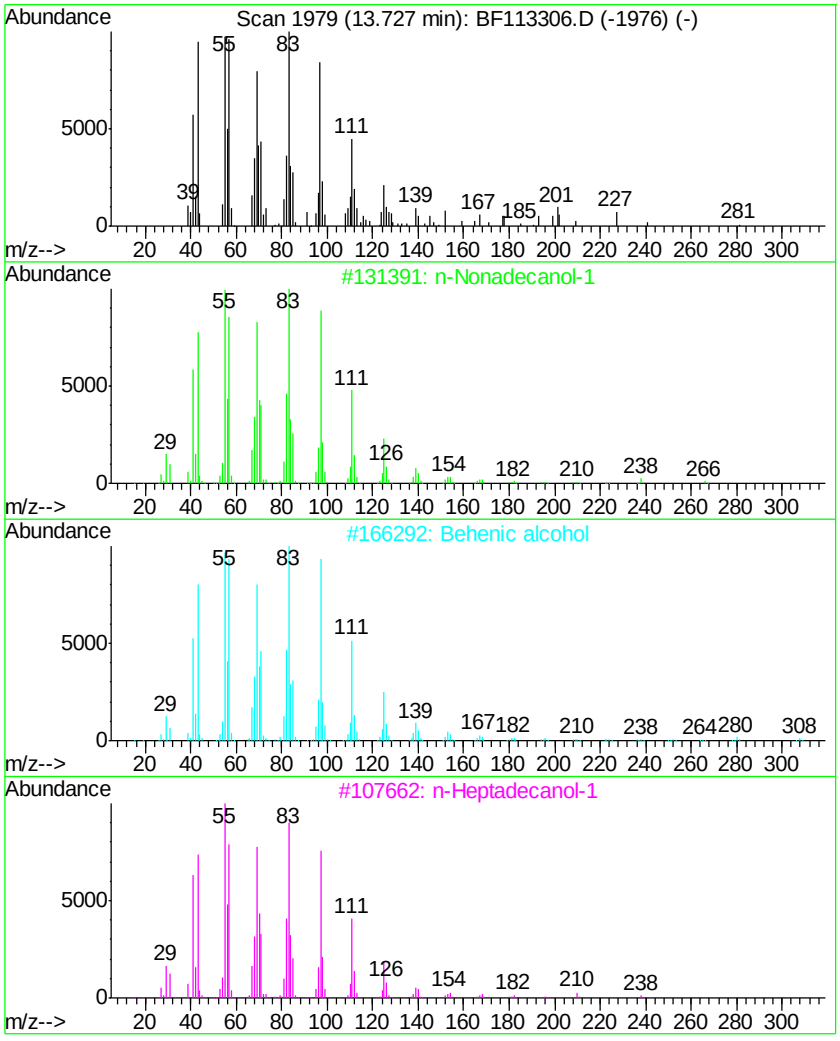
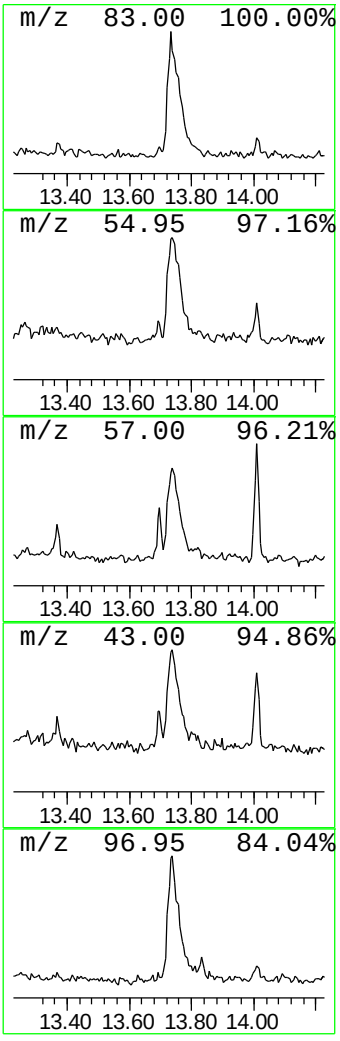
Peak Number 18 n-Nonadecanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	4.58 ng	235909	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
4	1-Docosene	308	C22H44	001599-67-3	91
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91





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Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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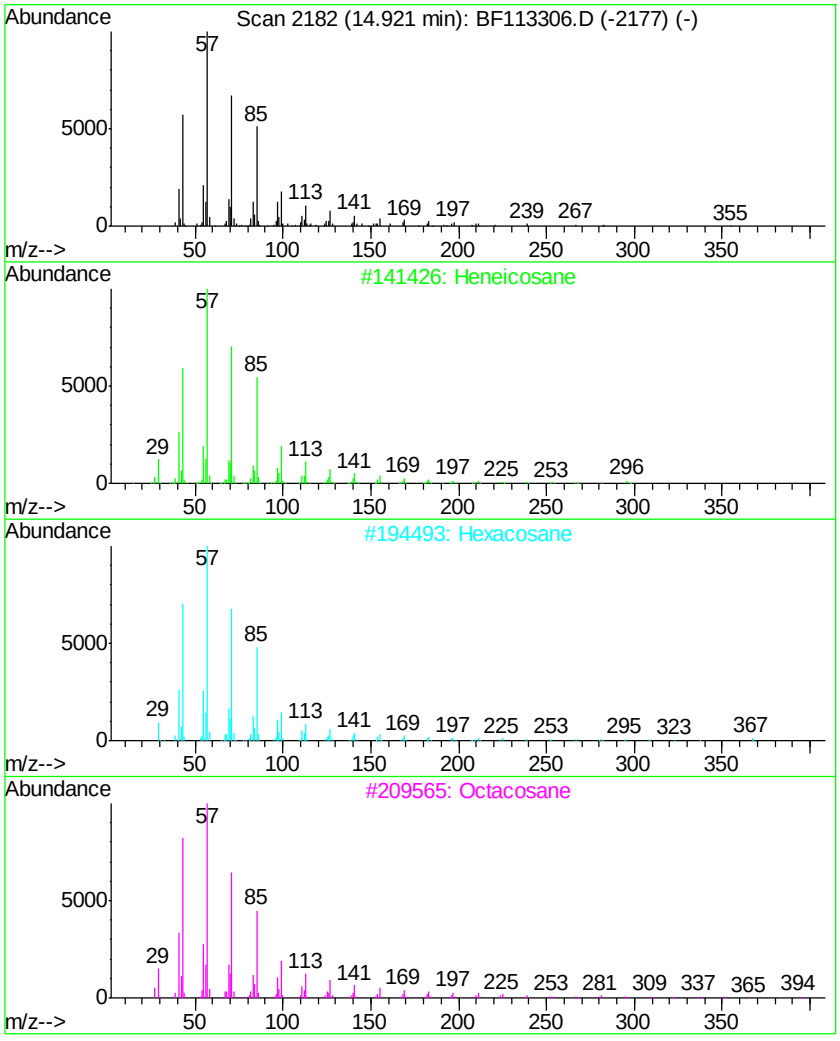
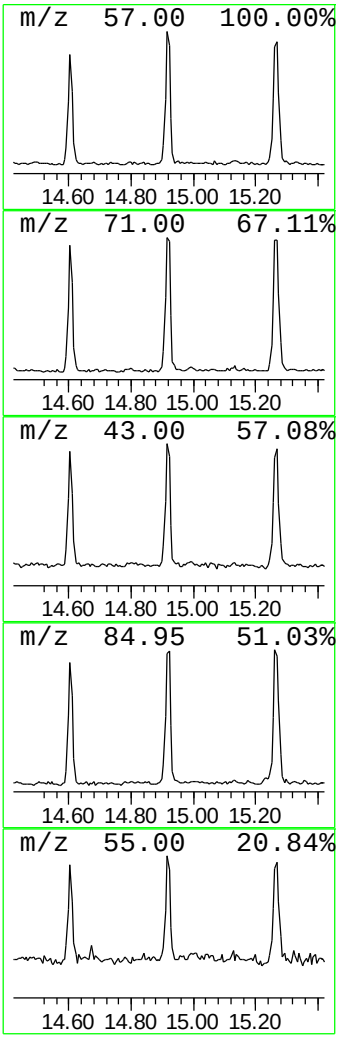
Peak Number 19 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.89 ng	175267	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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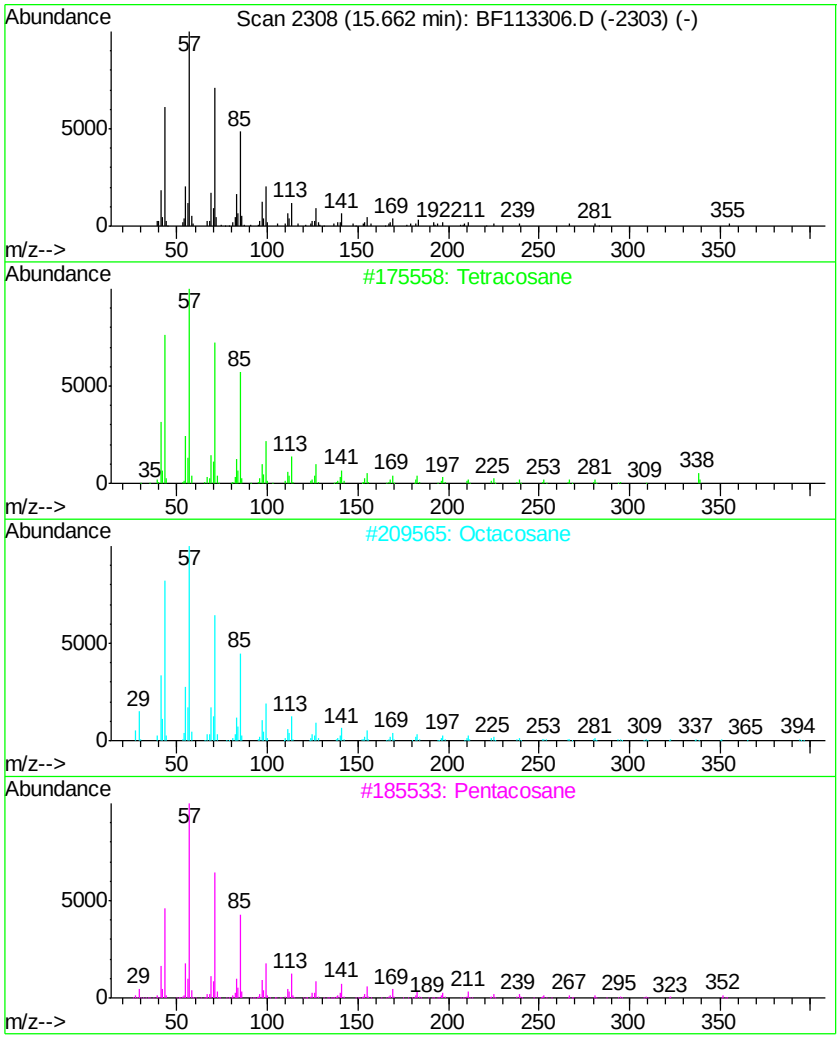
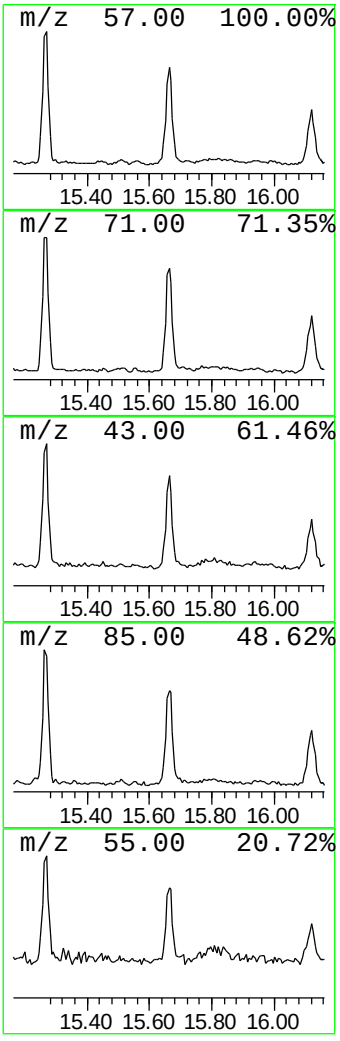
Peak Number 20 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.15 ng	190886	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113306.D
Acq On : 26 Mar 2019 22:21
Operator : JU/SJ
Sample : K2099-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-C05-SETTLED-2H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	5.98	4.1	ng	239346	1	6.70	1162530	20.0
2-Pentenoic acid	6.11	3.5	ng	205672	1	6.70	1162530	20.0
unknown6.47	6.47	46.5	ng	2704050	1	6.70	1162530	20.0
Ethanol, 2-(2-eth...	6.55	2.6	ng	148708	1	6.70	1162530	20.0
Fenchol, exo-	7.52	4.8	ng	345160	2	7.98	1442990	20.0
(+)-2-Bornanone	7.73	3.2	ng	233125	2	7.98	1442990	20.0
(+)-Borneol	7.89	4.2	ng	306197	2	7.98	1442990	20.0
Terpinen-4-ol	7.93	6.7	ng	481298	2	7.98	1442990	20.0
Cyclohexanemethan...	8.73	2.8	ng	204915	2	7.98	1442990	20.0
Benzene, 1-methyl...	9.67	2.6	ng	219035	3	9.73	1703770	20.0
unknown10.02	10.02	10.5	ng	893832	3	9.73	1703770	20.0
unknown11.57	11.57	14.0	ng	1092960	4	11.21	1565900	20.0
n-Hexadecanoic acid	11.76	47.3	ng	3701780	4	11.21	1565900	20.0
unknown11.82	11.82	4.1	ng	321865	4	11.21	1565900	20.0
Oleic Acid	12.46	4.9	ng	387104	4	11.21	1565900	20.0
Octadecanoic acid	12.55	94.1	ng	4843910	5	13.83	1029780	20.0
n-Nonadecanol-1	13.73	4.6	ng	235909	5	13.83	1029780	20.0
Heneicosane	14.92	2.9	ng	175267	6	15.23	1211770	20.0
Tetracosane	15.66	3.1	ng	190886	6	15.23	1211770	20.0