LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

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-BF020318.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	2.169	8	14	21	rVB	403579	542396	7.66%	1.107%
2	3.628	257	262	271	rVB	105692	159248	2.25%	0.325%
3	4.504	404	411	414	rBV	4243224	6075287	85.85%	12.397%
4	5.128	509	517	520	rVB	3960870	7076581	100.00%	14.440%
5	5.504	577	581	585	rBV	2697886	2395423	33.85%	4.888%
6	6.510	747	752	765	rBV	3560231	4002180	56.56%	8.167%
7	6.651	772	776	780	rBV	3095925	2808237	39.68%	5.730%
8	6.886	812	816	819	rBV	1409420	1220902	17.25%	2.491%
9	6.998	832	835	838	rBV2	101778	78231	1.11%	0.160%
10	7.039	838	842	846	rVV	3332666	3144168	44.43%	6.416%
11	7.445	906	911	914	rBV	2685090	2705366	38.23%	5.520%
12	8.169	1030	1034	1037	rBV	1786216	1616296	22.84%	3.298%
13	9.245	1211	1217	1220	rBV	4203148	4196331	59.30%	8.563%
14	9.316	1226	1229	1232	rVB	101269	77930	1.10%	0.159%
15	9.633	1279	1283	1286	rBV	445121	410432	5.80%	0.838%
16	9.845	1311	1319	1322	rBV	265731	233748	3.30%	0.477%
17	9.922	1328	1332	1340	rVB	1754270	1715150	24.24%	3.500%
18	10.169	1371	1374	1377	rBV2	66196	75501	1.07%	0.154%
19	10.345	1401	1404	1407	rVB	288462	212680	3.01%	0.434%
20	10.563	1435	1441	1444	rBV	98187	133165	1.88%	0.272%
21	10.710	1463	1466	1476	rVB	1019136	960232	13.57%	1.959%
22	10.816	1482	1484	1490	rBV2	211866	298794	4.22%	0.610%
23	11.269	1558	1561	1563	rBV	95739	86325	1.22%	0.176%
24	11.298	1563	1566	1572	rVB2	89655	102943	1.45%	0.210%
25	11.410	1581	1585	1589	rBV	1639674	1600565	22.62%	3.266%
26	12.810	1820	1823	1826	rBV	236132	200171	2.83%	0.408%
27	12.880	1833	1835	1839	rVB	85903	73336	1.04%	0.150%
28	12.998	1850	1855	1858	rBV	3536655	3460071	48.89%	7.060%
29	13.515	1940	1943	1946	rVB	143389	124967	1.77%	0.255%
30	13.880	2001	2005	2009	rBV	627491	625241	8.84%	1.276%
31	14.051	2031	2034	2038	rVB	1305143	1201625	16.98%	2.452%
32	14.509	2110	2112	2117	rBV3	54808	70951	1.00%	0.145%
33	15.539	2282	2287	2299	rVB	866177	1238637	17.50%	2.528%
34	16.051	2370	2374	2378	rBV6	45182	82972	1.17%	0.169%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 49006082

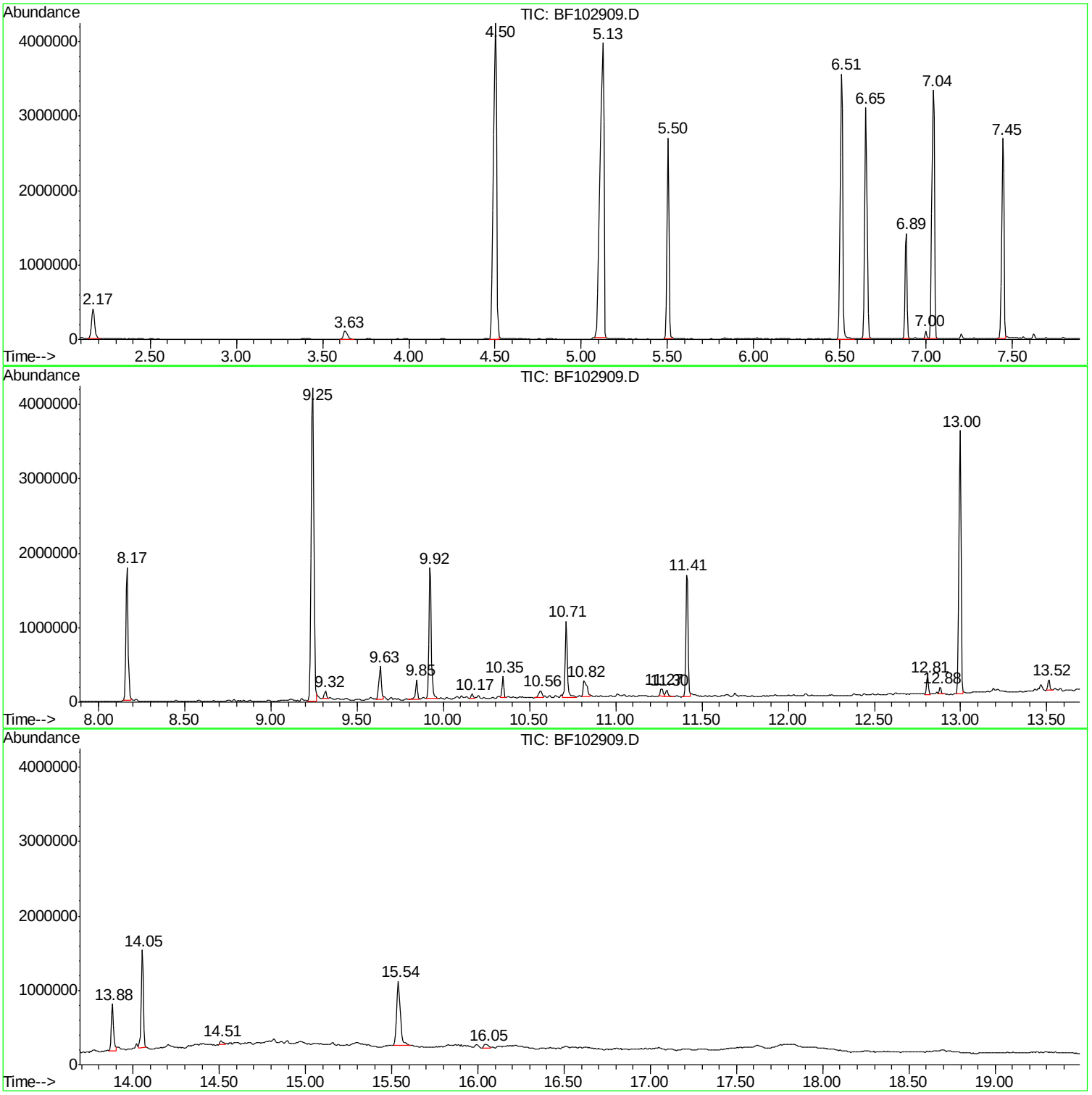
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

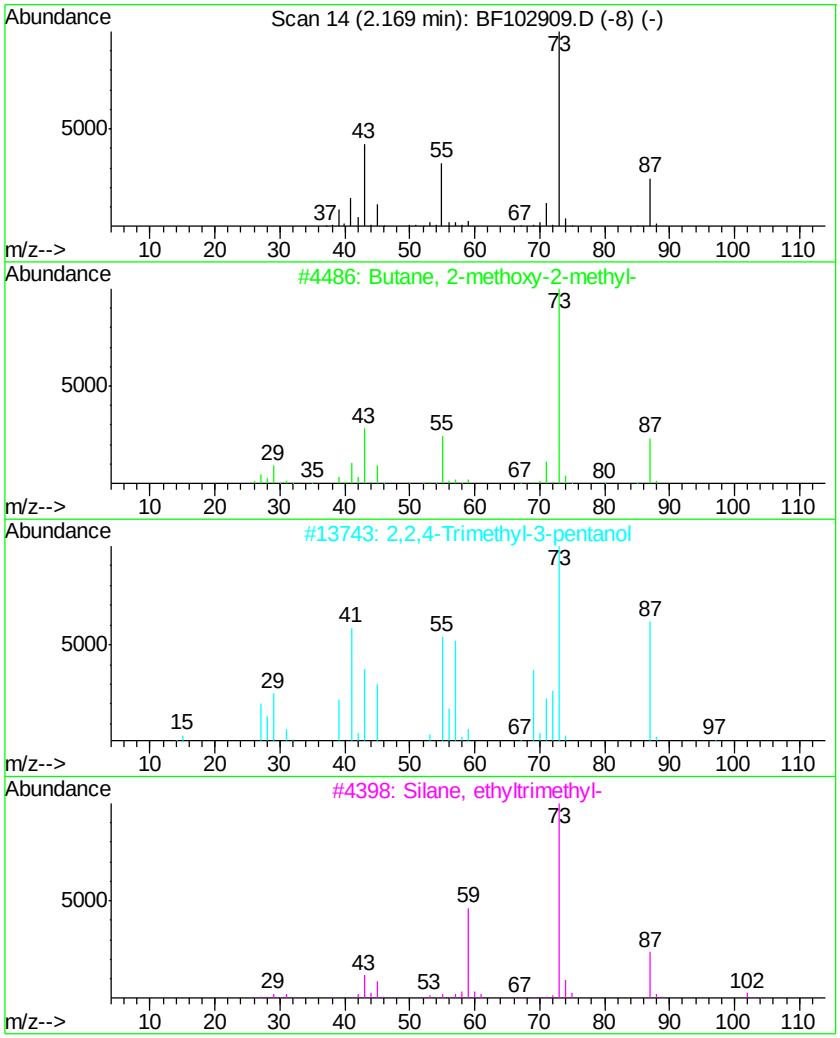
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

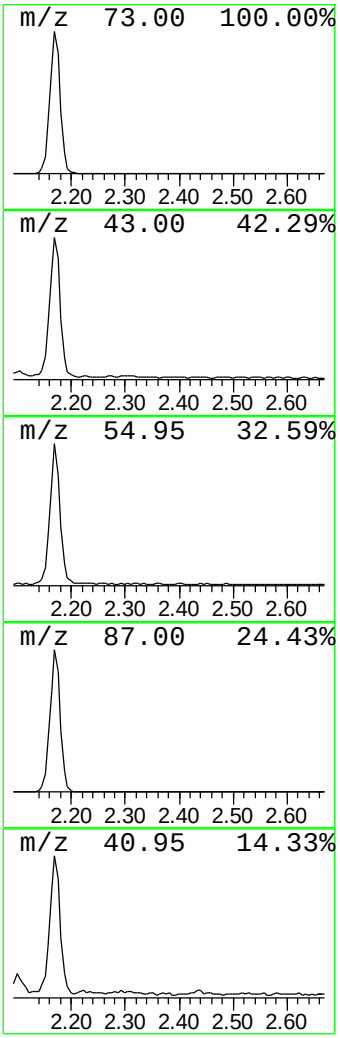
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	8.89 ng	542396	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	28
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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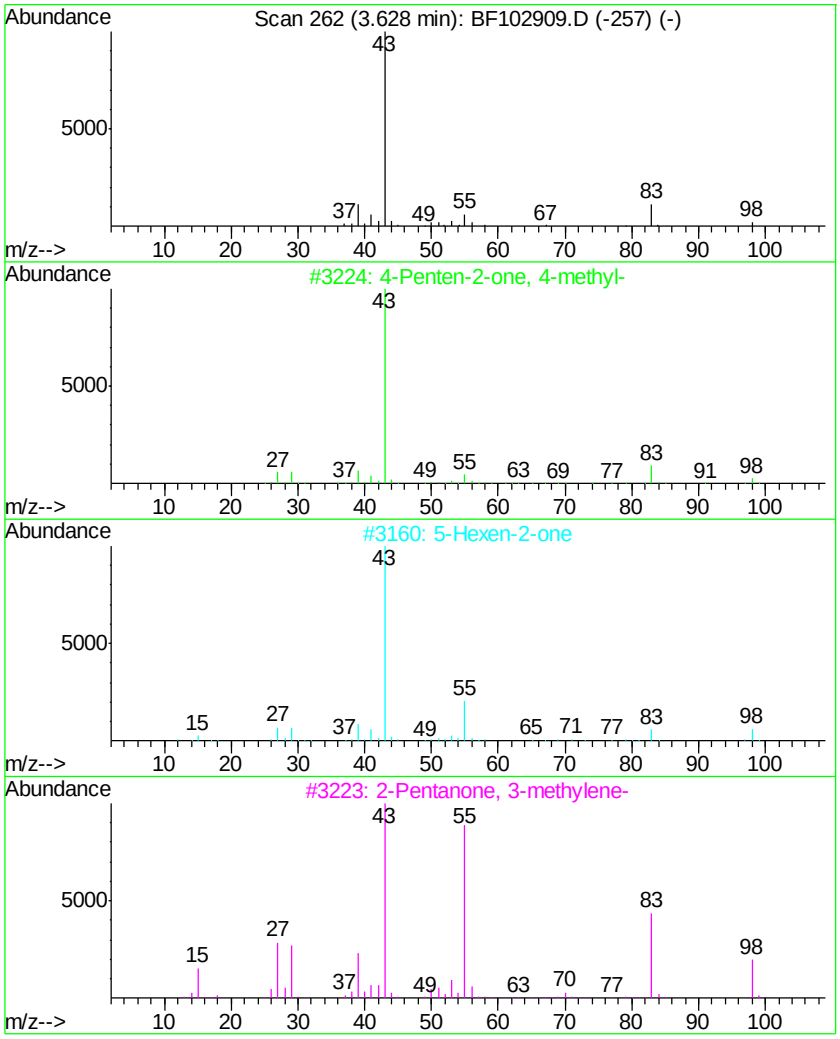
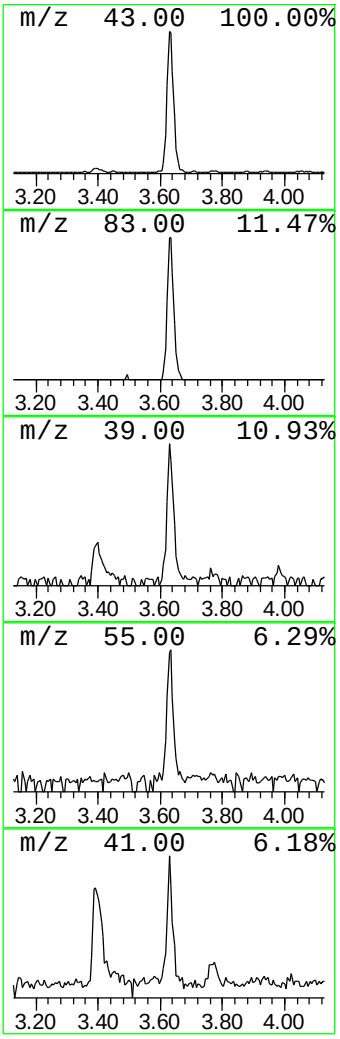
Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	2.61 ng	159248	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	72
2	5-Hexen-2-one	98	C6H10O	000109-49-9	36
3	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23
4	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9
5	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

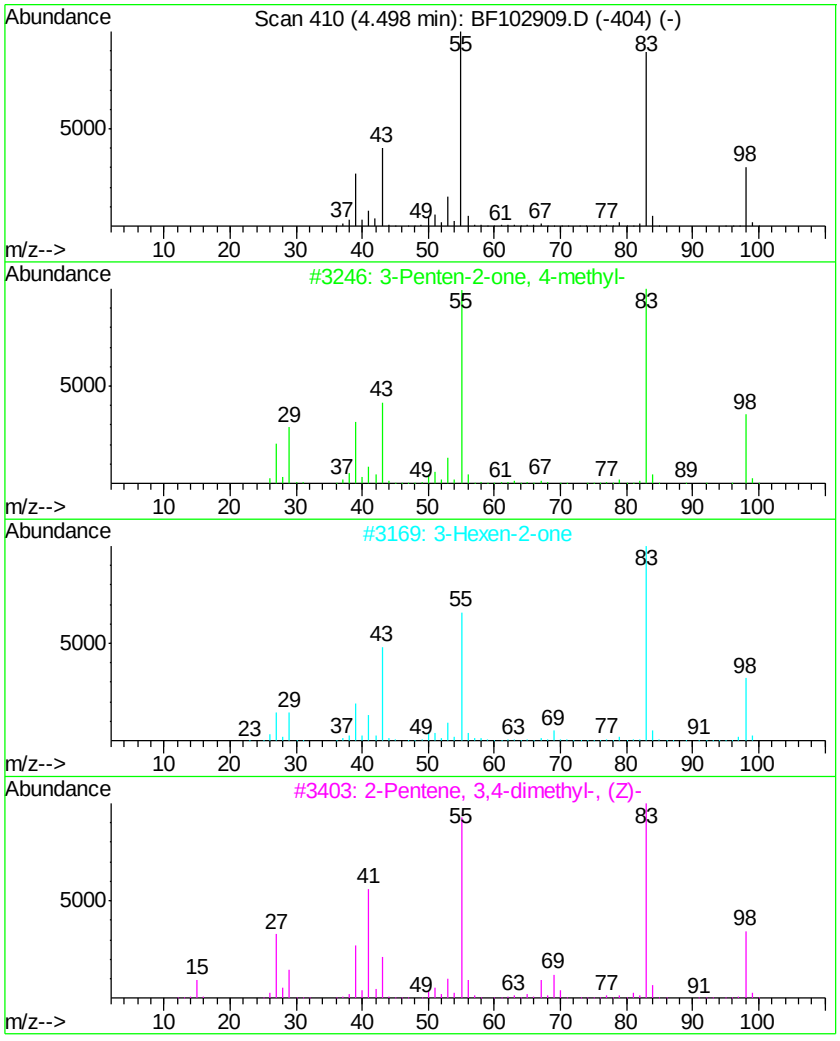
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

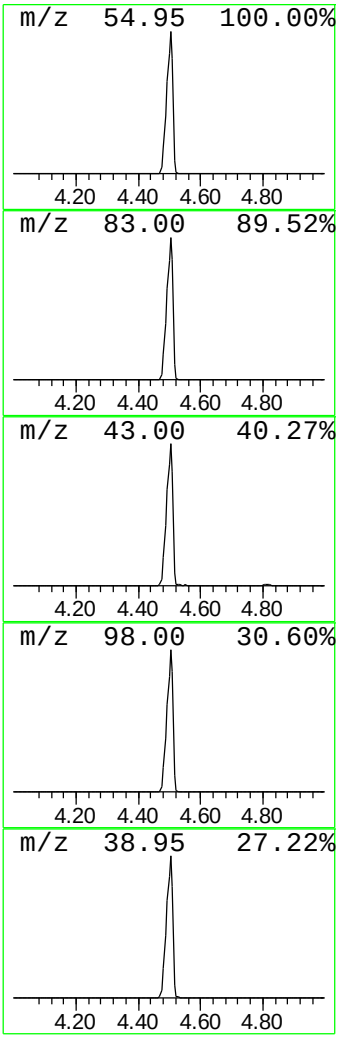
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	99.52 ng	6075290	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	87
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

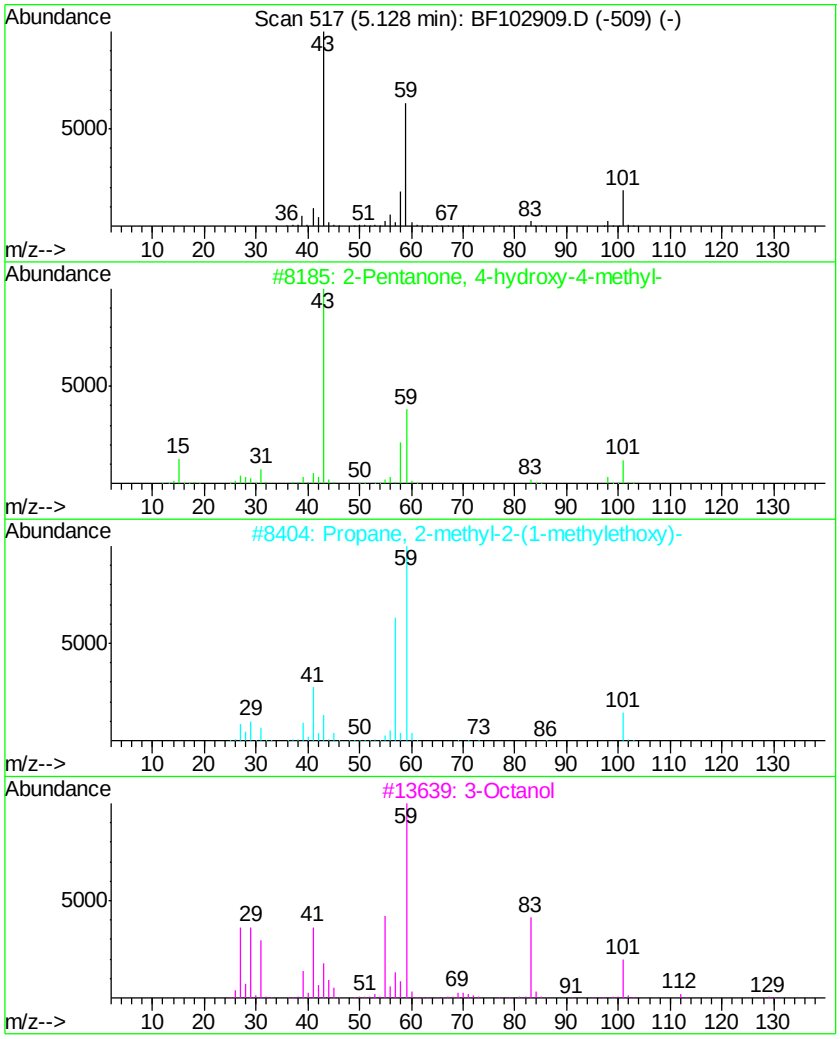
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

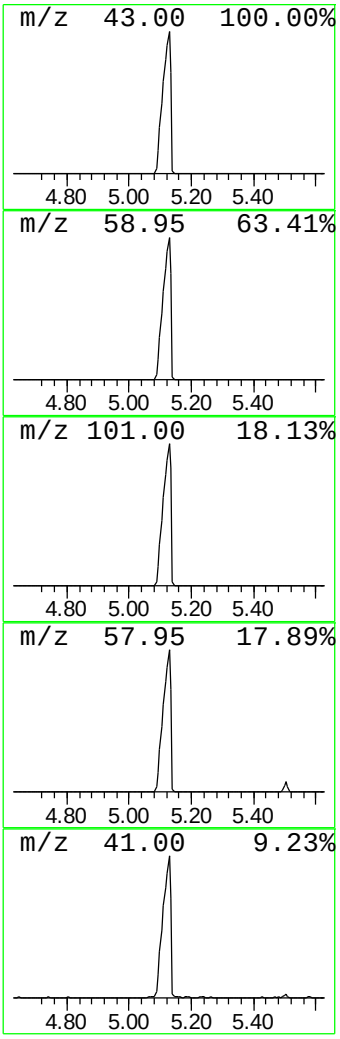
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	115.92 ng	7076580	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

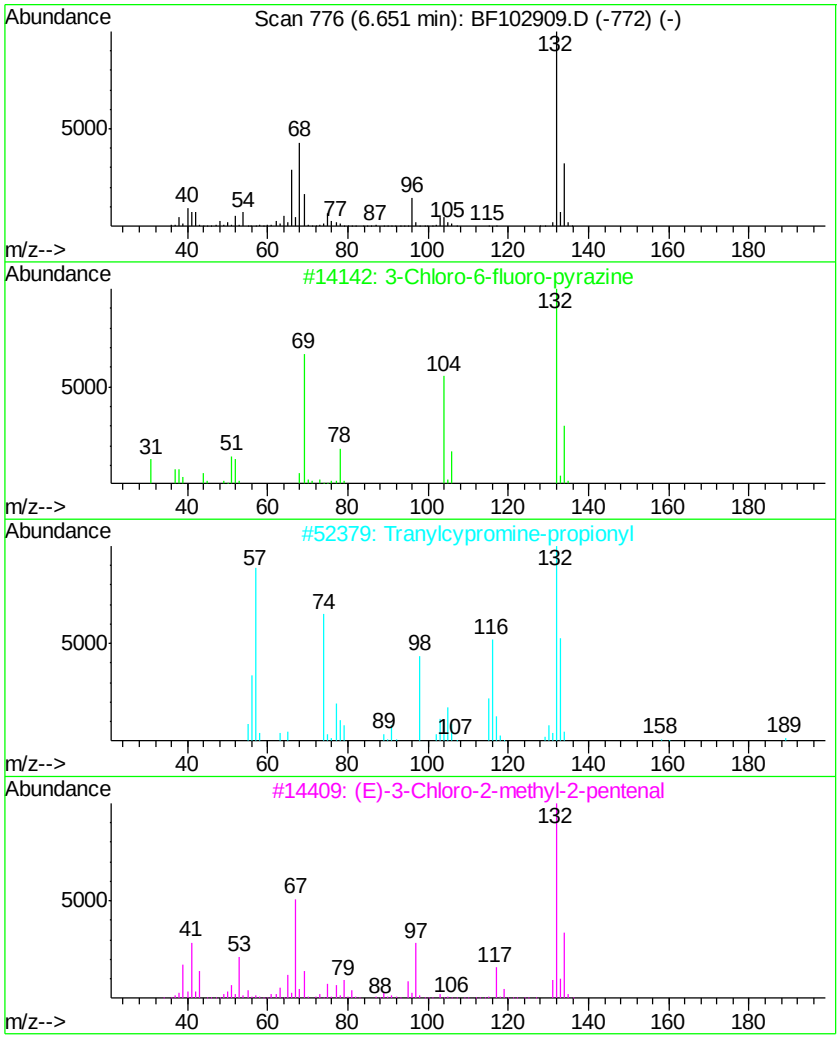
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

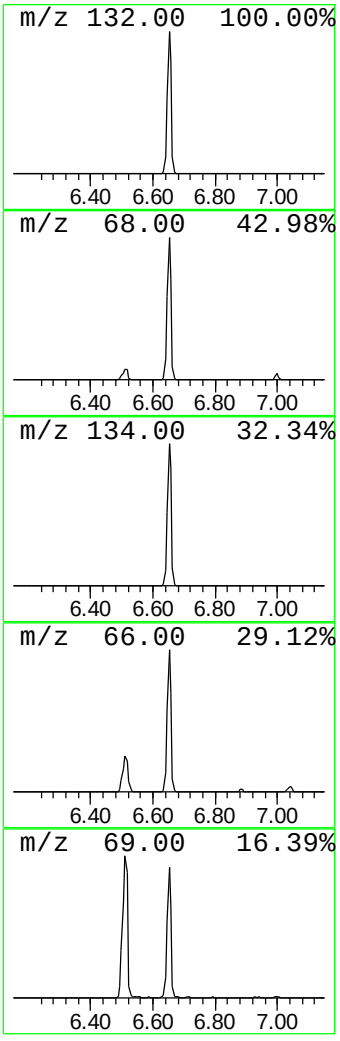
****

Peak Number 5 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	46.00 ng	2808240	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

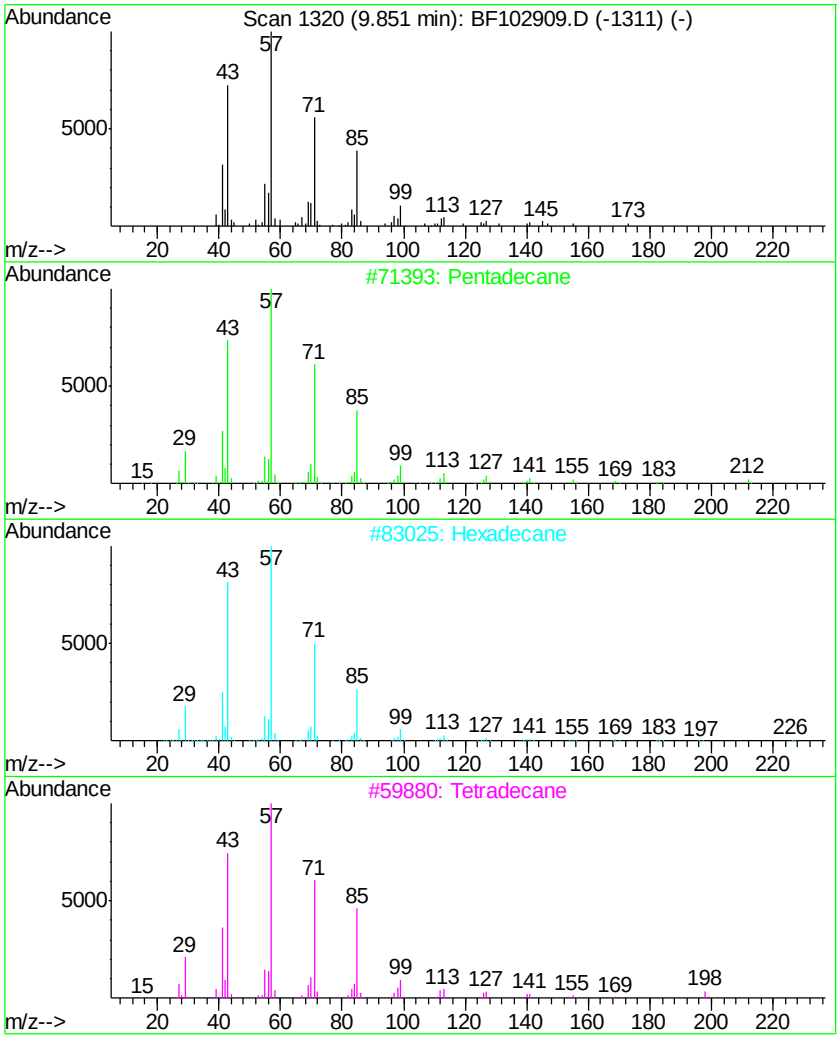
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

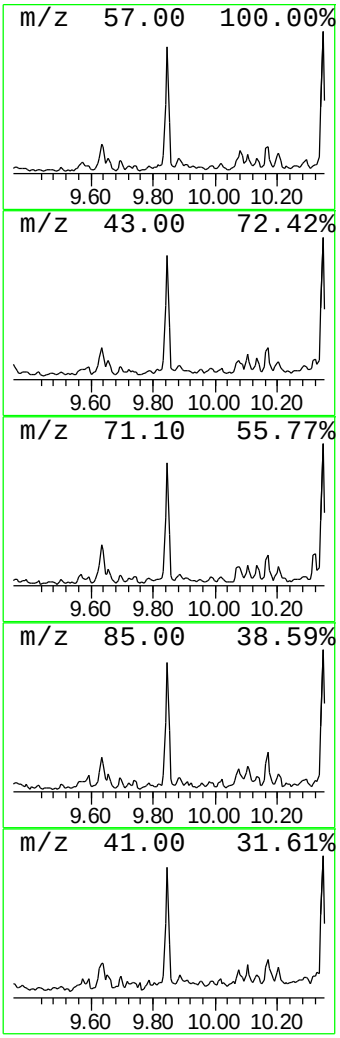
****

Peak Number 7 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.73 ng	233748	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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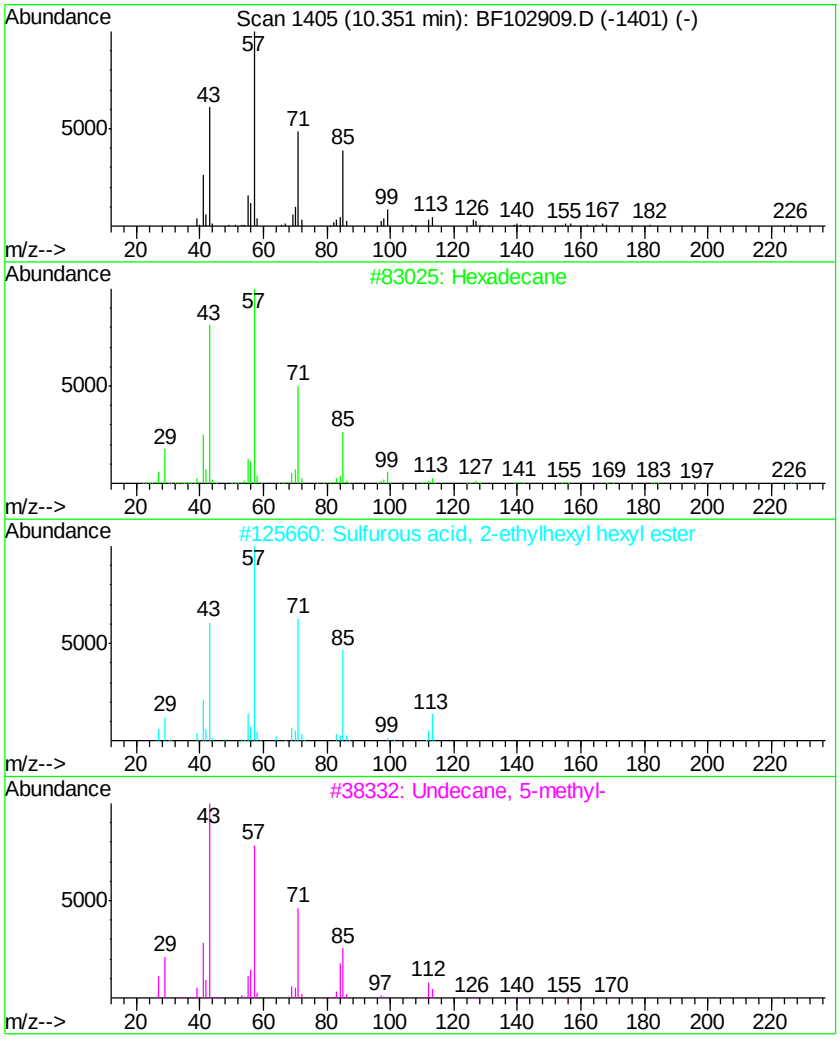
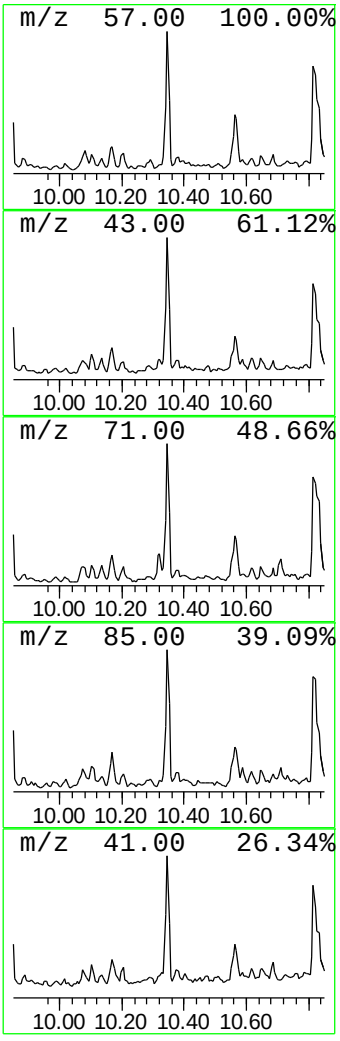
Peak Number 8 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.48 ng	212680	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

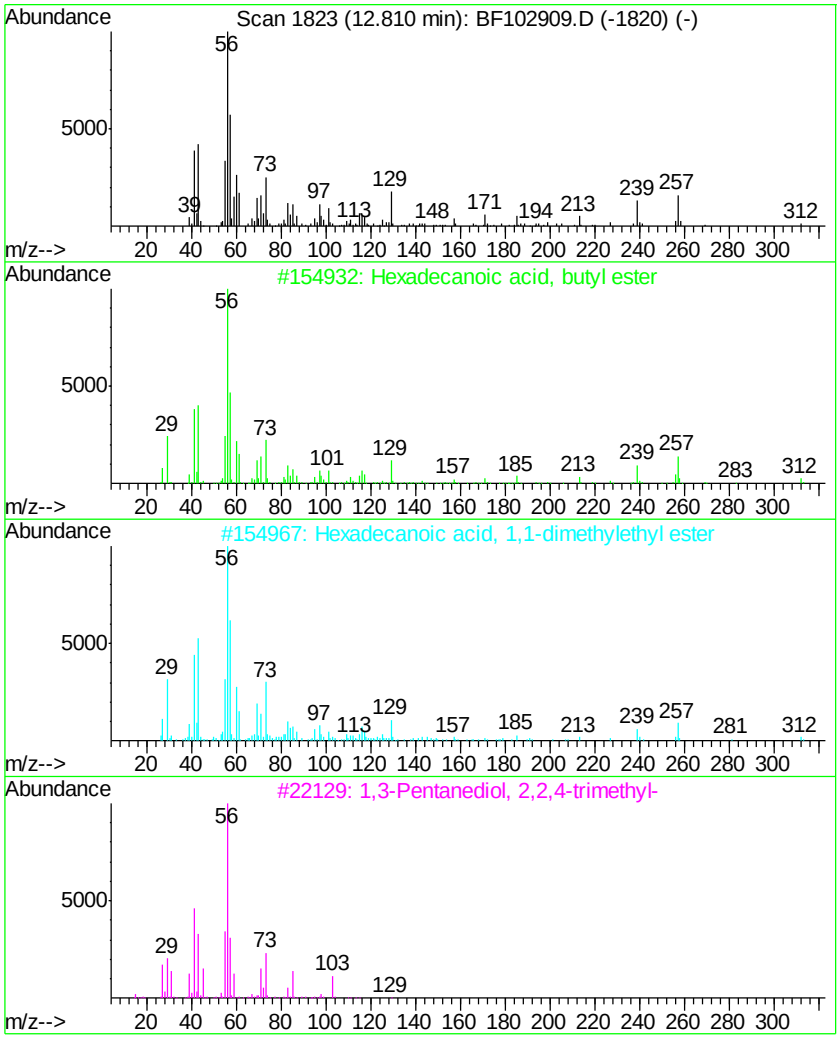
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

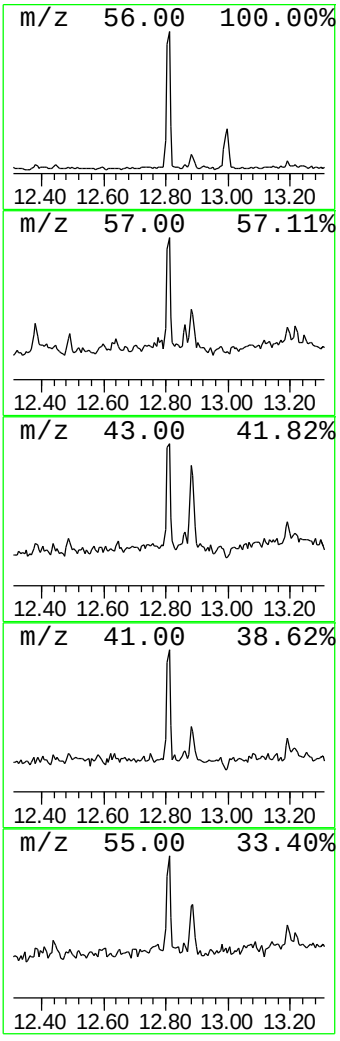
****

Peak Number 10 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	3.33 ng	200171	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	55
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	50
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
5	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	38





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Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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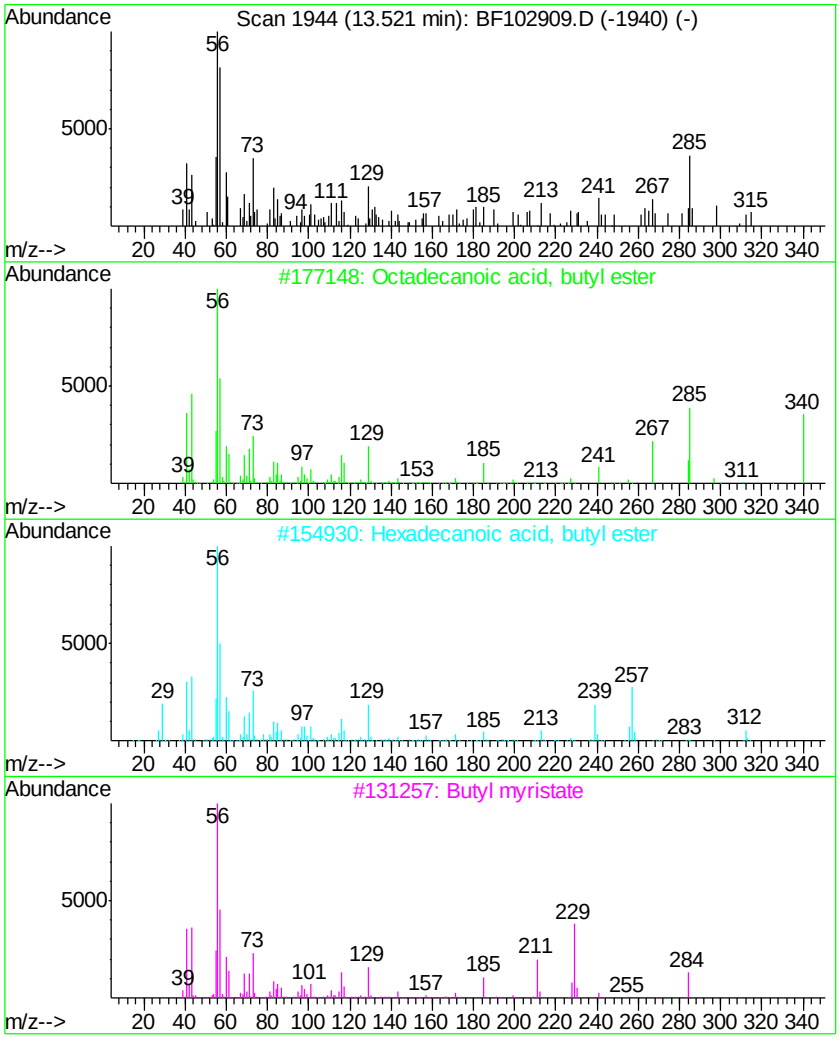
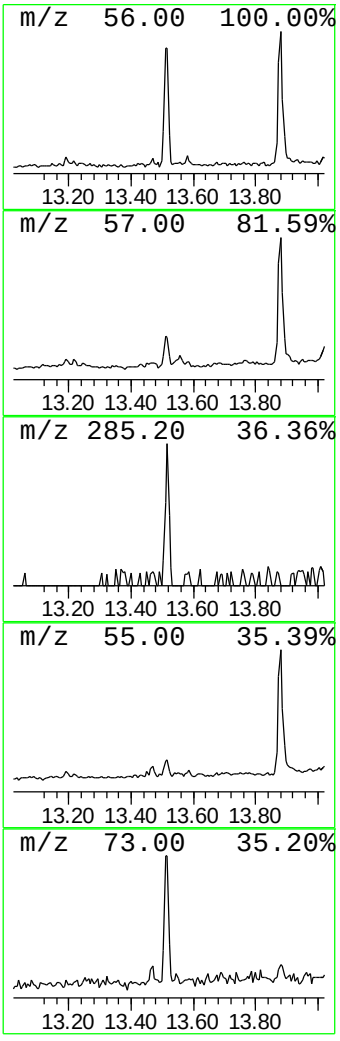
Peak Number 11 Octadecanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.08 ng	124967	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
3	Butyl myristate	284	C18H36O2	000110-36-1	59
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43
5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	40





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

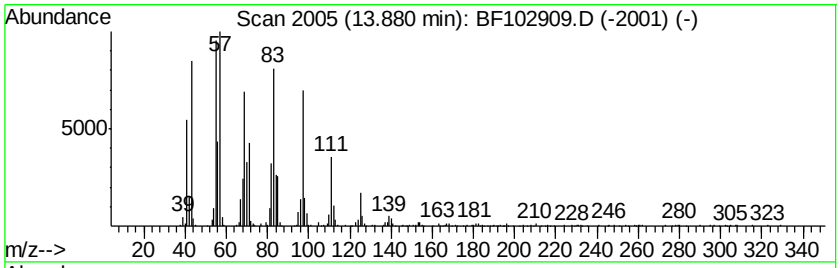
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

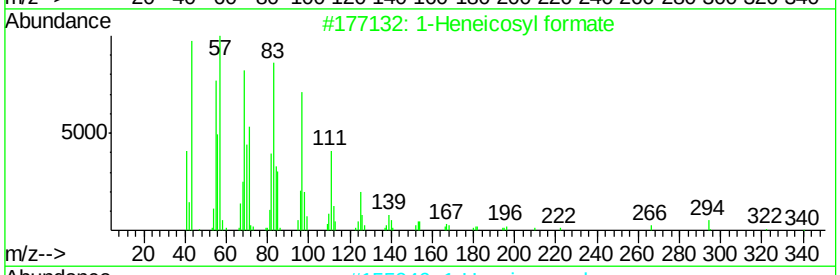
****

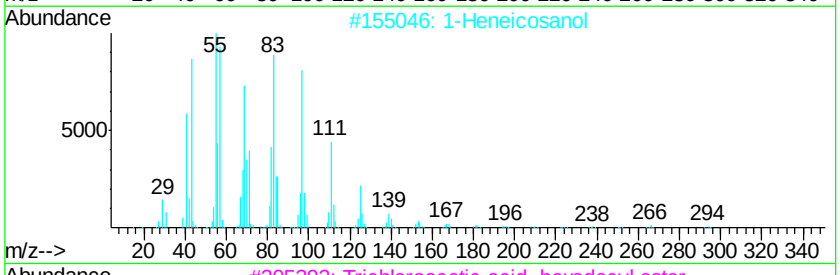
Peak Number 12 1-Heneicosyl formate Concentration Rank 5

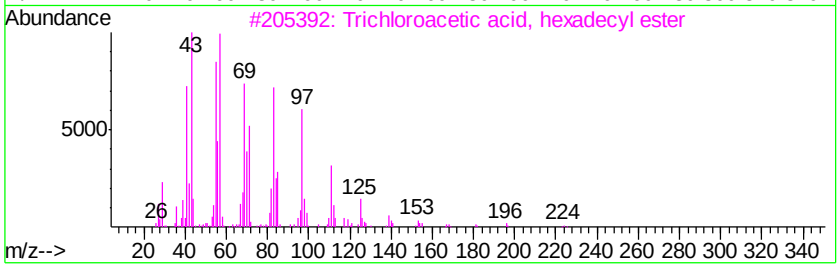
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	10.41 ng	625241	Chrysene-d12	14.05

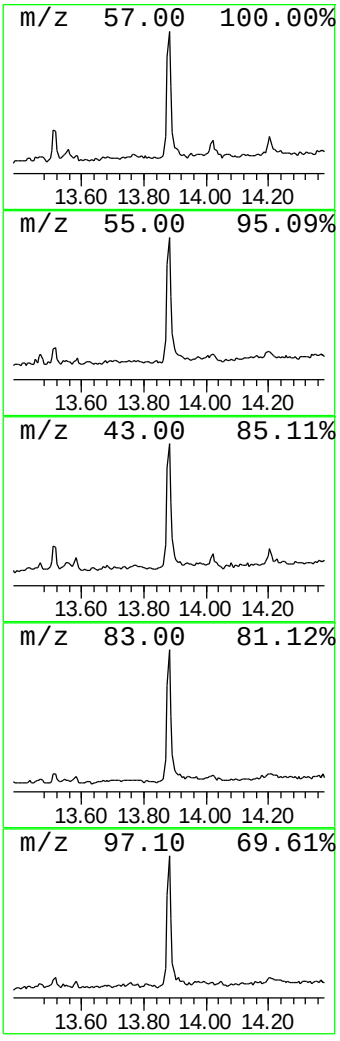
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Tricosene	322	C23H46	018835-32-0	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91











Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021218\
Data File : BF102909.D
Acq On : 12 Feb 2018 10:08
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CO-6817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.17	8.9	ng	542396	1	6.89	1220900	20.0
4-Penten-2-one, 4...	3.63	2.6	ng	159248	1	6.89	1220900	20.0
3-Penten-2-one, 4...	4.50	99.5	ng	6075290	1	6.89	1220900	20.0
2-Pentanone, 4-hy...	5.13	115.9	ng	7076580	1	6.89	1220900	20.0
unknown6.65	6.65	46.0	ng	2808240	1	6.89	1220900	20.0
Pentadecane	9.85	2.7	ng	233748	3	9.92	1715150	20.0
Hexadecane	10.35	2.5	ng	212680	3	9.92	1715150	20.0
Hexadecanoic acid...	12.81	3.3	ng	200171	5	14.05	1201630	20.0
Octadecanoic acid...	13.52	2.1	ng	124967	5	14.05	1201630	20.0
1-Heneicosyl formate	13.88	10.4	ng	625241	5	14.05	1201630	20.0