LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102897.D
Acq On : 9 Feb 2018 19:05
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 23 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	25	rVB	371387	542584	9.08%	1.502%
2	3.628	258	262	273	rVB	90677	143506	2.40%	0.397%
3	4.504	404	411	414	rBV	3999232	5467570	91.54%	15.136%
4	5.122	508	516	519	rVB	3591391	5972930	100.00%	16.535%
5	5.498	576	580	590	rBV	1048005	967972	16.21%	2.680%
6	6.504	747	751	769	rBV	2490493	2498703	41.83%	6.917%
7	6.651	772	776	779	rBV	1648365	1387972	23.24%	3.842%
8	6.887	812	816	819	rBV	1177738	1061034	17.76%	2.937%
9	7.040	838	842	846	rBV	3064871	2769194	46.36%	7.666%
10	7.445	906	911	914	rBV	2480819	2278052	38.14%	6.306%
11	8.169	1030	1034	1037	rBV	1424232	1308214	21.90%	3.622%
12	9.239	1212	1216	1226	rBV	3487260	3451045	57.78%	9.553%
13	9.316	1226	1229	1232	rVV	84808	69225	1.16%	0.192%
14	9.634	1279	1283	1286	rBV	324582	303811	5.09%	0.841%
15	9.845	1315	1319	1323	rVB	193814	154386	2.58%	0.427%
16	9.922	1328	1332	1341	rVV	1366742	1247019	20.88%	3.452%
17	10.345	1397	1404	1407	rBV	225335	198024	3.32%	0.548%
18	10.563	1437	1441	1444	rBV	74807	86335	1.45%	0.239%
19	10.816	1481	1484	1489	rBV	154804	211792	3.55%	0.586%
20	11.410	1582	1585	1589	rBV	1095267	995129	16.66%	2.755%
21	12.998	1850	1855	1858	rBV	2560962	2433547	40.74%	6.737%
22	13.880	2002	2005	2015	rBV	436272	441877	7.40%	1.223%
23	14.051	2031	2034	2043	rVB	1044911	984306	16.48%	2.725%
24	15.539	2281	2287	2296	rBV	702042	947501	15.86%	2.623%
25	15.992	2360	2364	2368	rBV	43682	66943	1.12%	0.185%
26	16.051	2370	2374	2380	rVV5	39446	72282	1.21%	0.200%
27	17.115	2550	2555	2562	rBV5	27923	62506	1.05%	0.173%

Sum of corrected areas: 36123459

LSC Report - Integrated Chromatogram

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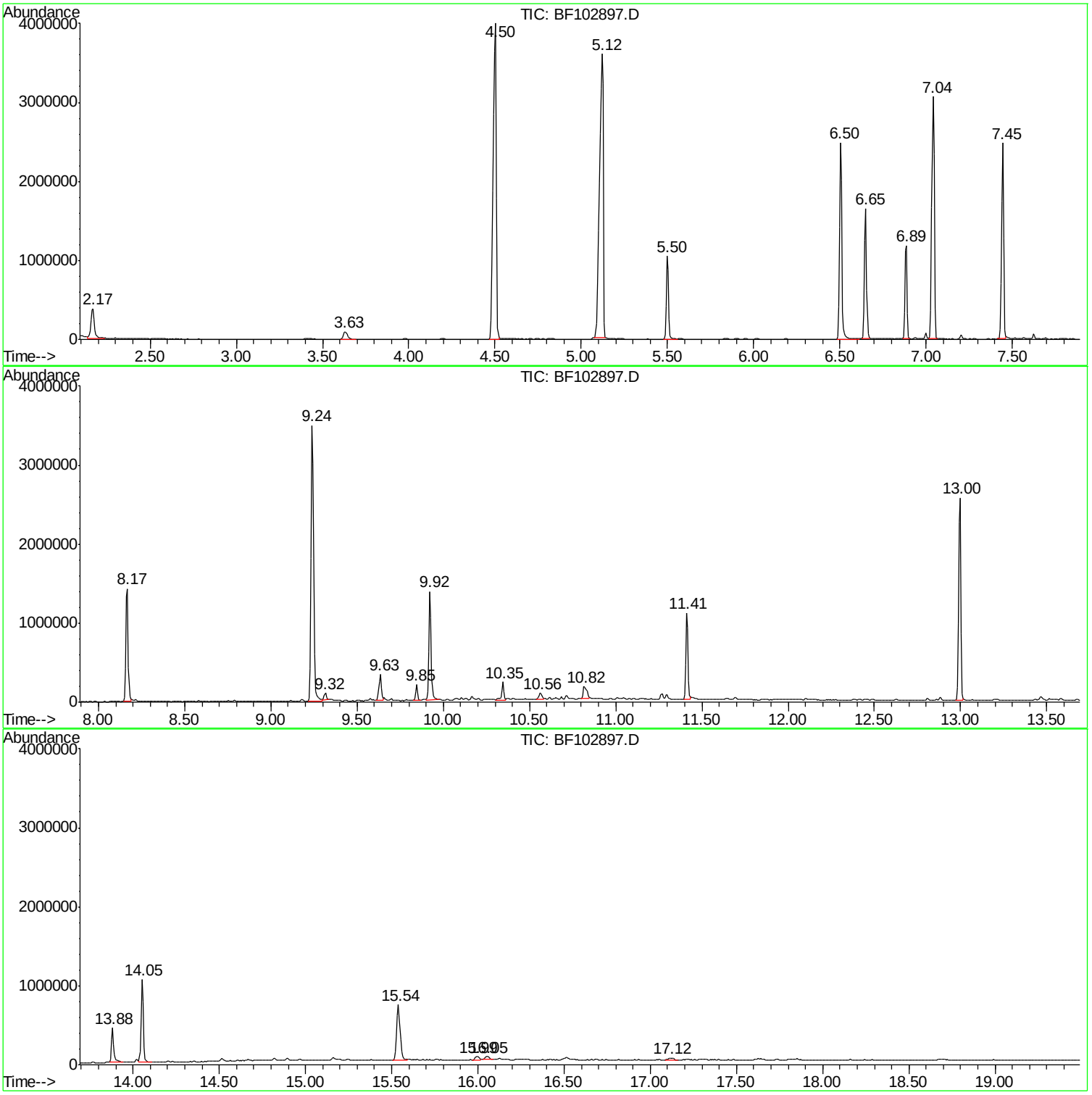
Data File : BF102897.D
Acq On : 9 Feb 2018 19:05
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102897.D
Acq On : 9 Feb 2018 19:05
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 23 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

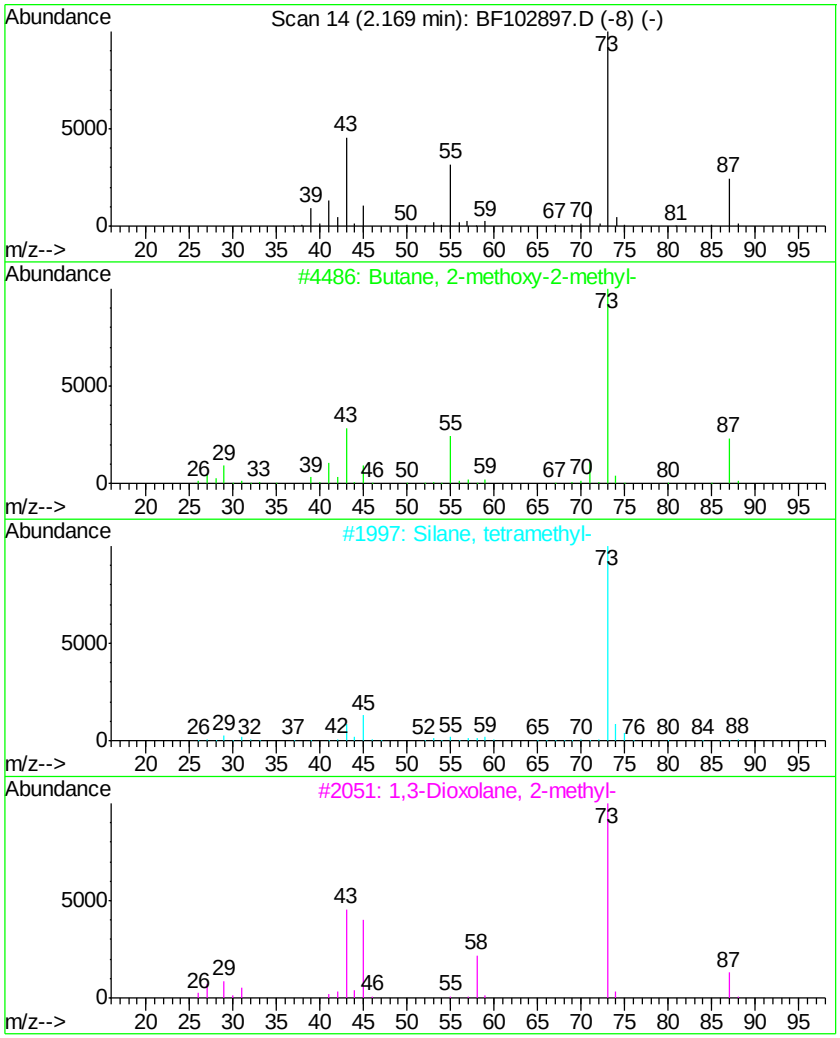
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

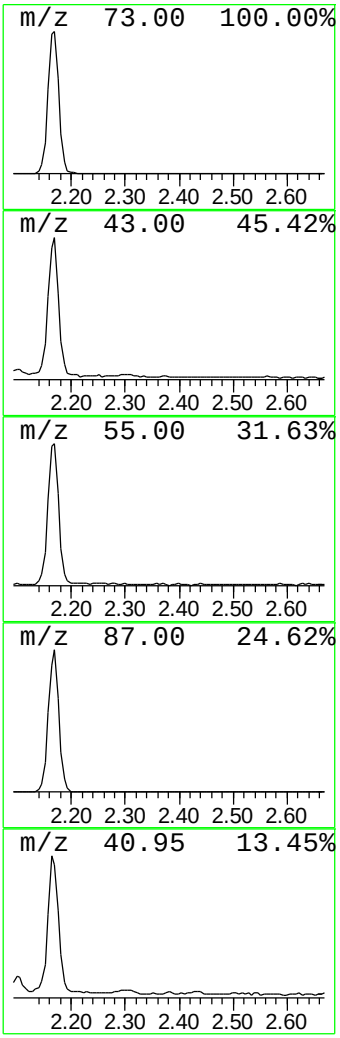
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	10.23 ng	542584	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Data File : BF102897.D
Acq On : 9 Feb 2018 19:05
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 23 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

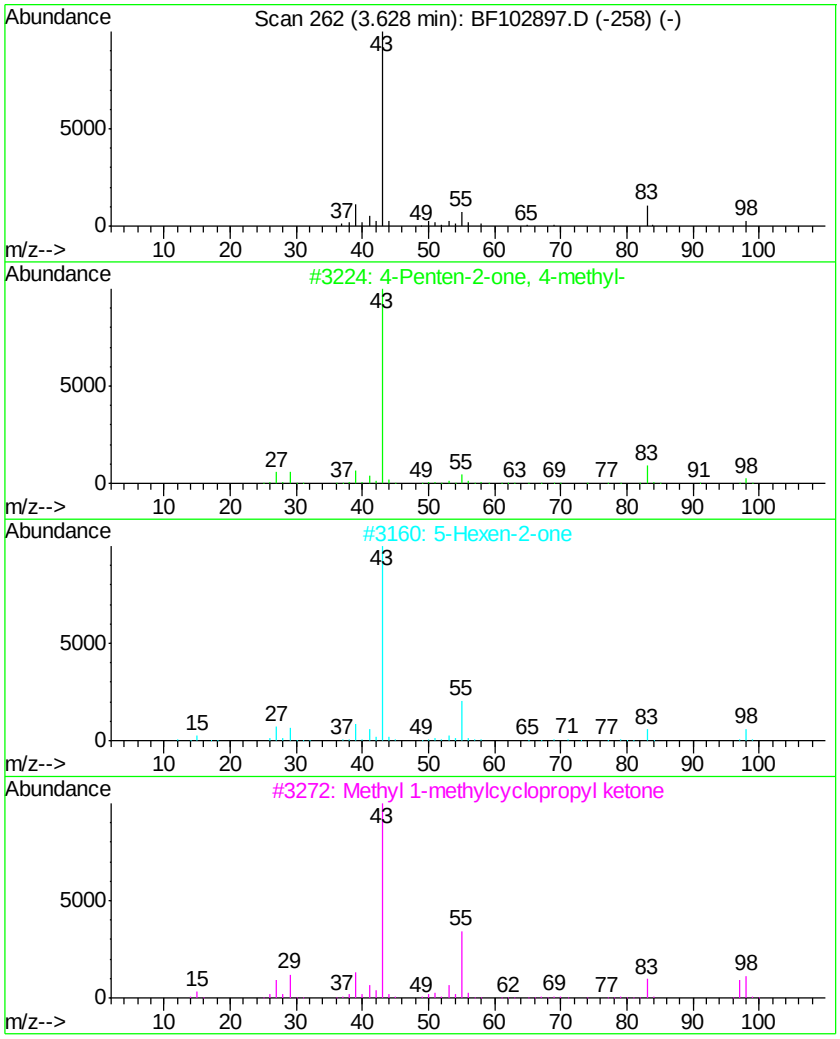
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

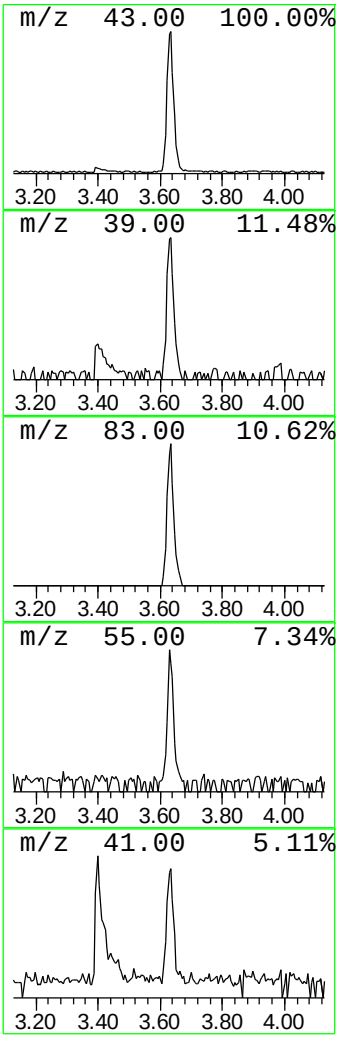
****

Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	2.71 ng	143506	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	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	50
3	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	43
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	28
5	Pent-3-enylamine	85	C5H11N	087156-70-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102897.D
Acq On : 9 Feb 2018 19:05
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 23 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

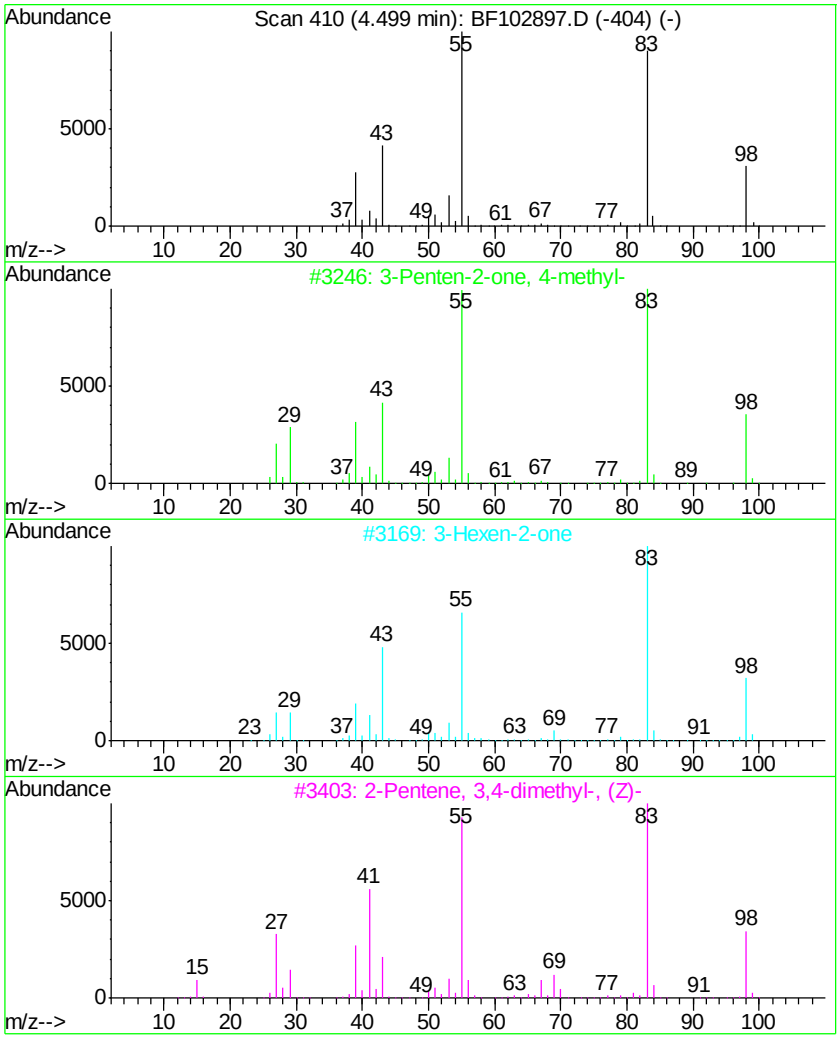
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

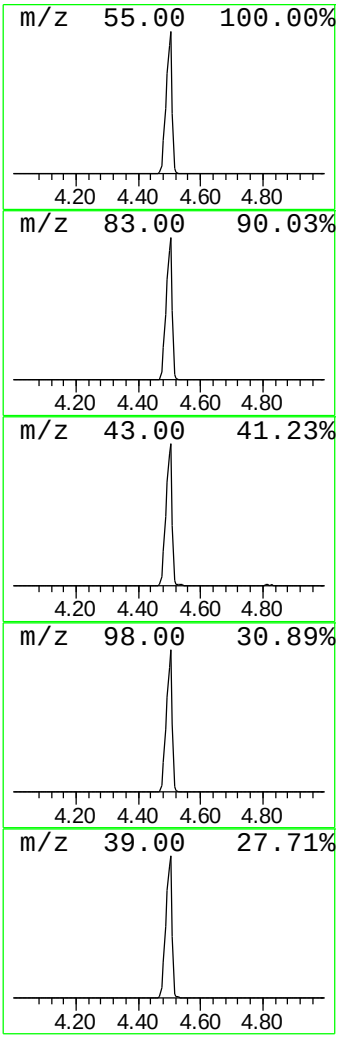
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	103.06 ng	5467570	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	91
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	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102897.D
Acq On : 9 Feb 2018 19:05
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 23 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

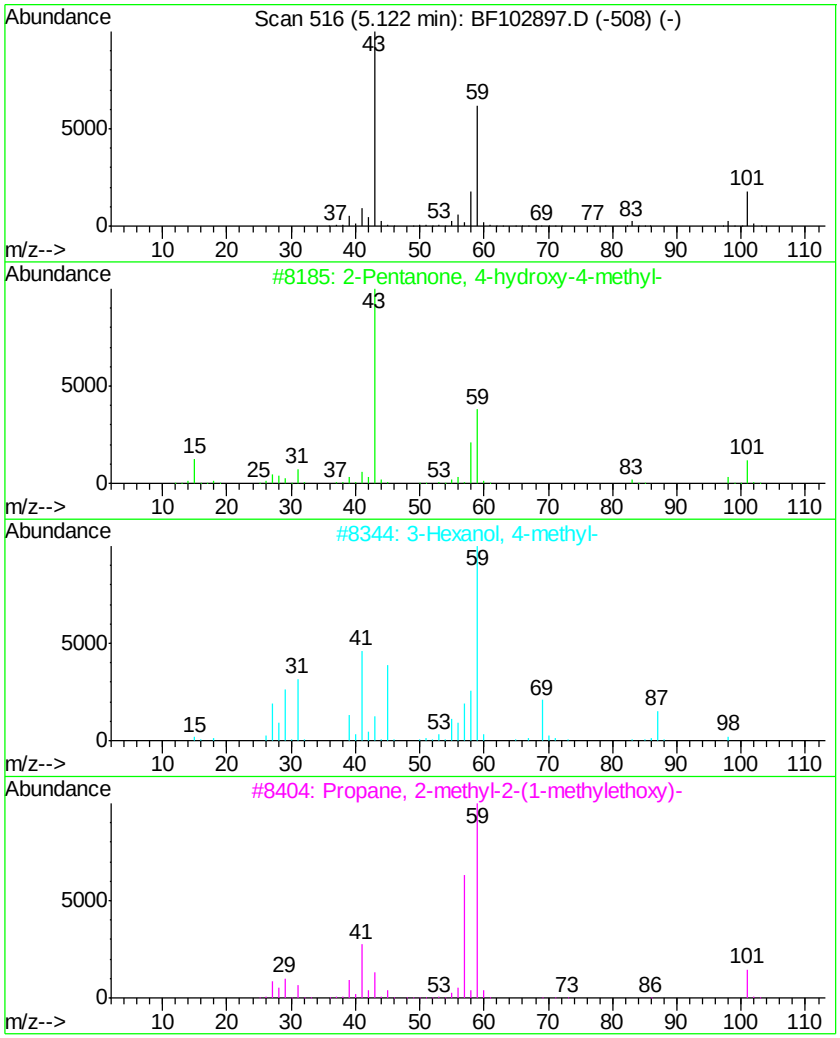
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

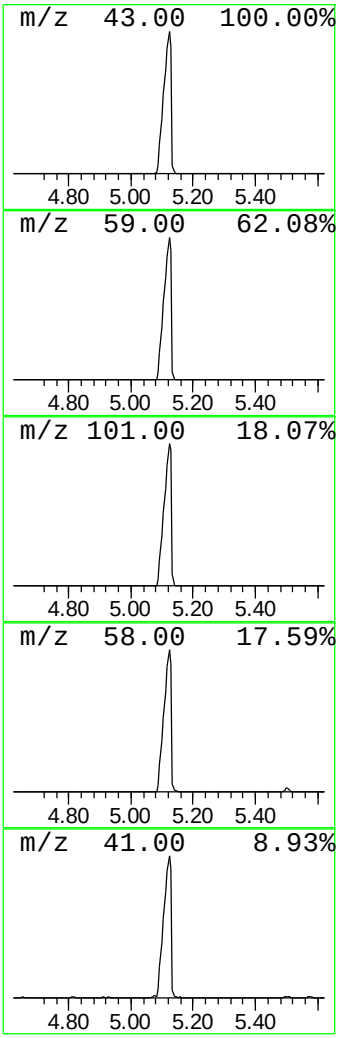
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	112.59 ng	5972930	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102897.D
Acq On : 9 Feb 2018 19:05
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 23 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

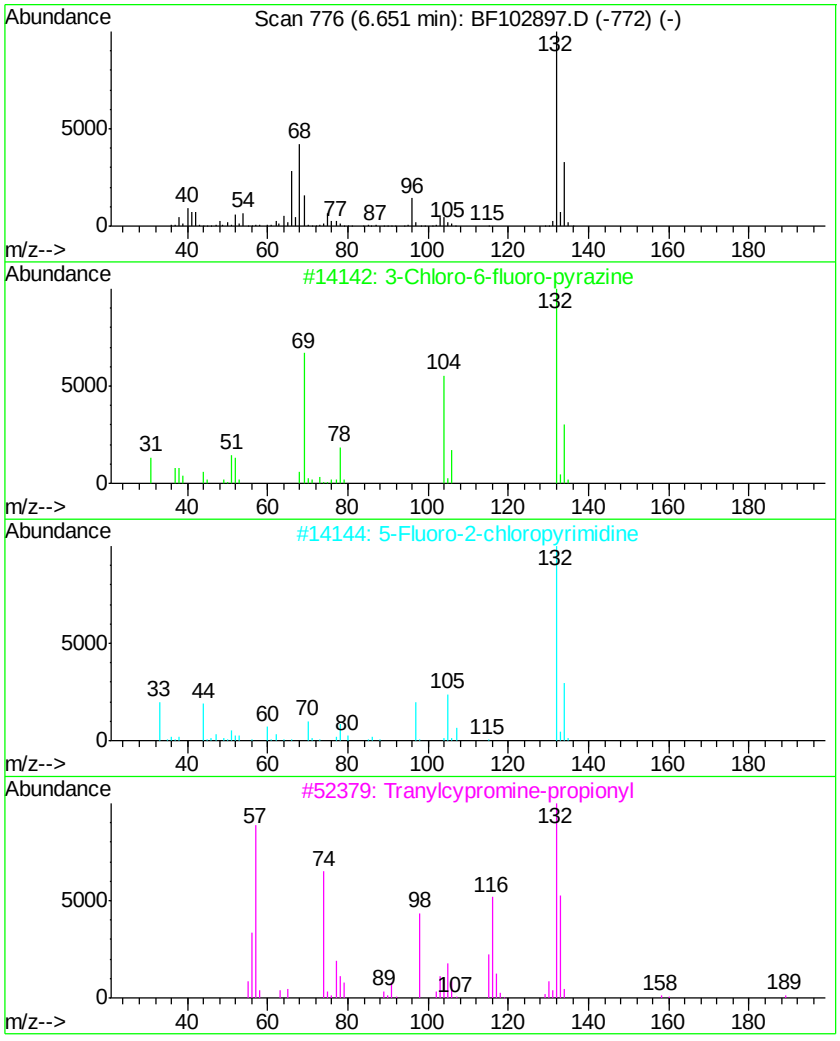
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

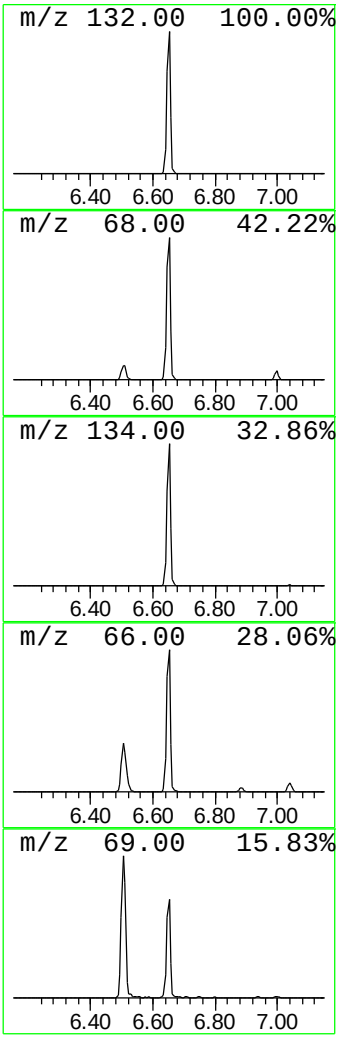
****

Peak Number 5 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	26.16 ng	1387970	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
ALS Vial : 23 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

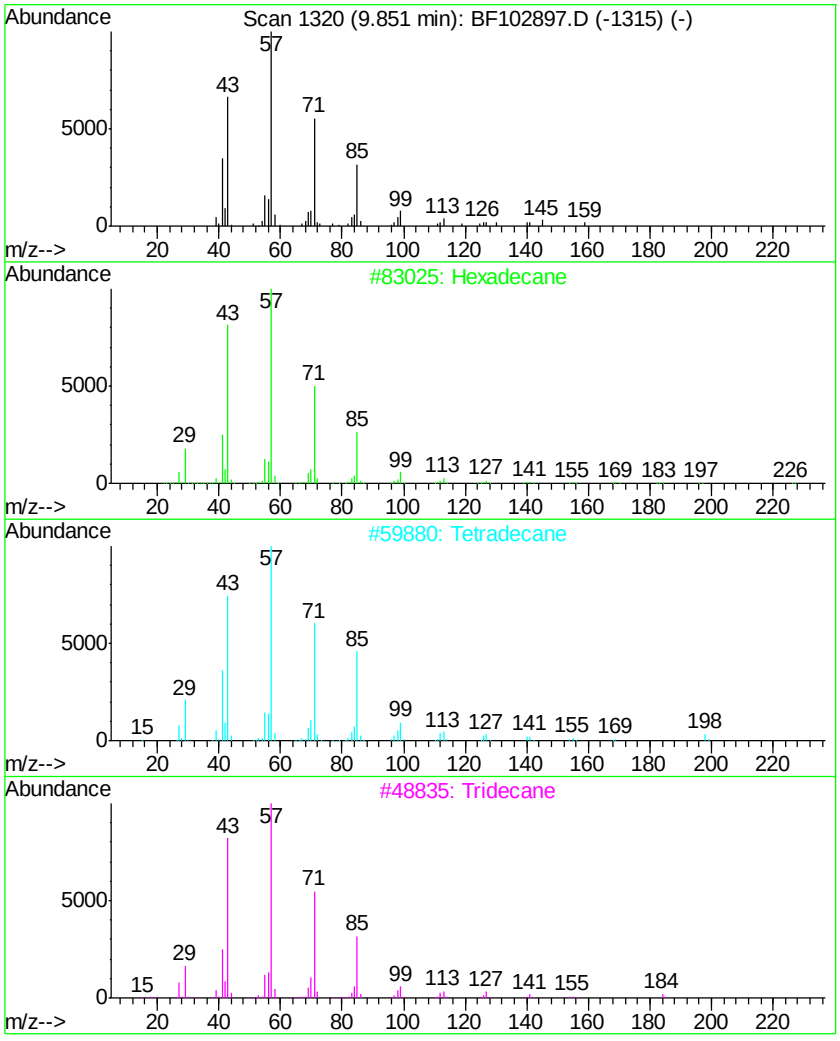
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

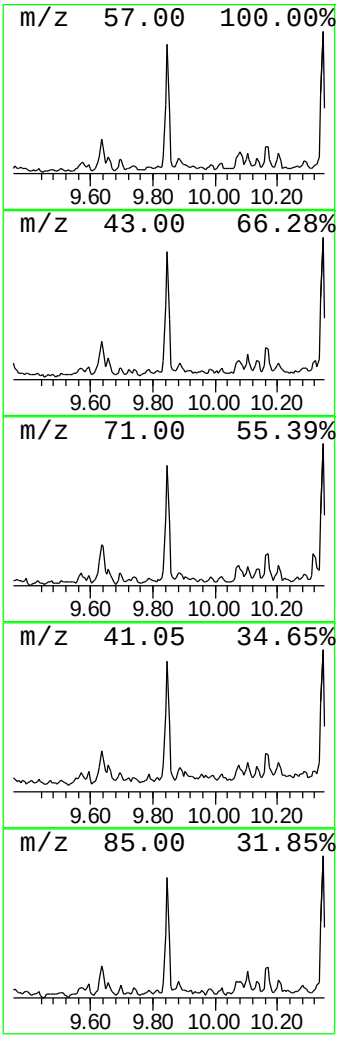
****

Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.48 ng	154386	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Sample : J1501-01
Misc :
ALS Vial : 23 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

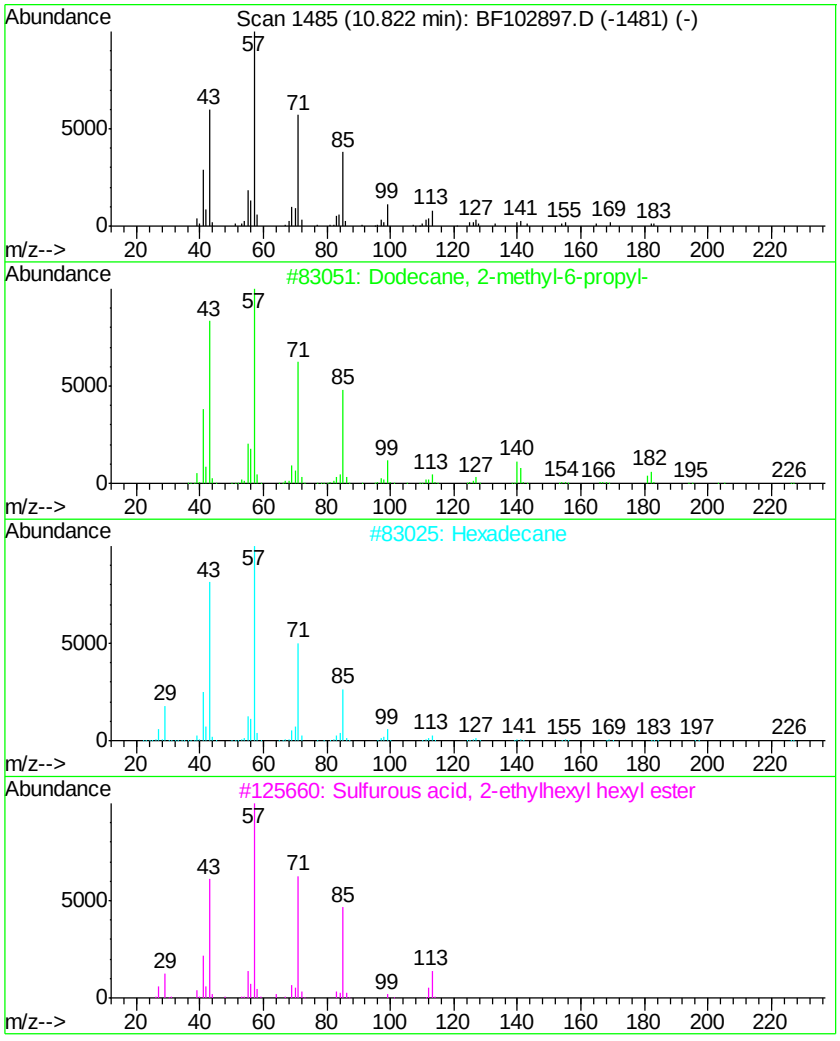
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

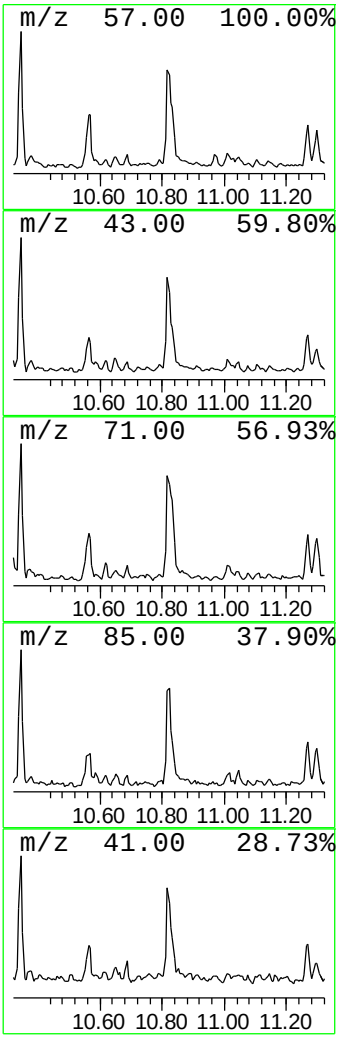
****

Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	4.26 ng	211792	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Pentadecane	212	C15H32	000629-62-9	80





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Sample : J1501-01
Misc :
ALS Vial : 23 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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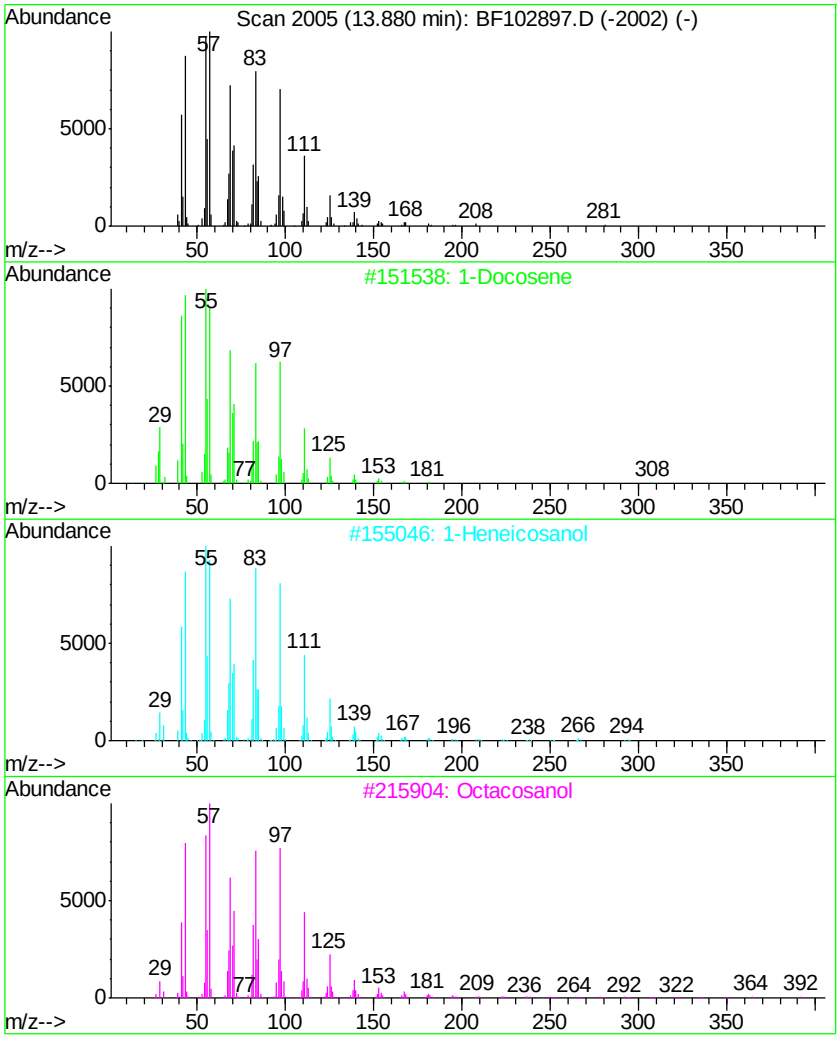
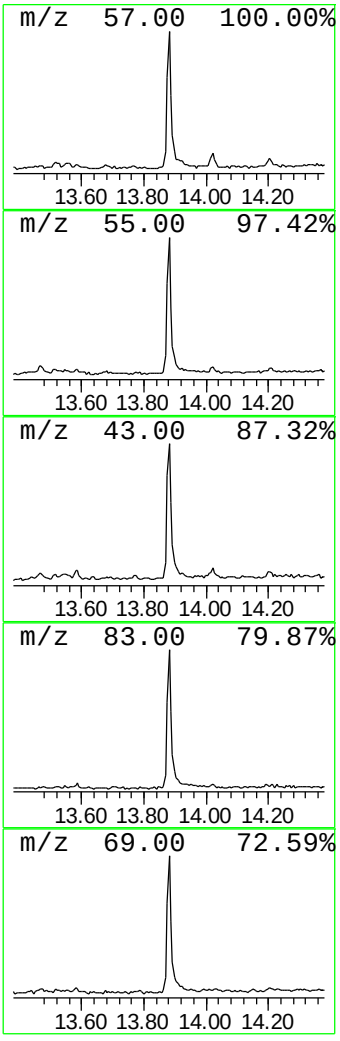
Peak Number 10 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	8.98 ng	441877	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Octacosanol	410	C28H58O	000557-61-9	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020918\
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Operator : SJ/JU
Sample : J1501-01
Misc :
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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	10.2	ng	542584	1	6.89	1061030	20.0
4-Penten-2-one, 4...	3.63	2.7	ng	143506	1	6.89	1061030	20.0
3-Penten-2-one, 4...	4.50	103.1	ng	5467570	1	6.89	1061030	20.0
2-Pentanone, 4-hy...	5.12	112.6	ng	5972930	1	6.89	1061030	20.0
unknown6.65	6.65	26.2	ng	1387970	1	6.89	1061030	20.0
Hexadecane	9.85	2.5	ng	154386	3	9.92	1247020	20.0
Dodecane, 2-methy...	10.82	4.3	ng	211792	4	11.41	995129	20.0
1-Docosene	13.88	9.0	ng	441877	5	14.05	984306	20.0