LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
Data File : BM010064.D
Acq On : 16 May 2017 21:39
Operator : SJ/MA
Sample : I3180-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EFF-170515-05

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_M\METHODS\8270-BM051117.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	4.287	199	204	218	rBV	1337337	1786823	34.90%	7.050%
2	4.893	301	307	323	rVB	2086910	2769406	54.09%	10.928%
3	5.346	377	384	402	rBV2	512831	825443	16.12%	3.257%
4	5.946	480	486	495	rBV	321896	483508	9.44%	1.908%
5	6.934	649	654	668	rBV	374773	664202	12.97%	2.621%
6	7.287	708	714	728	rBV	872659	1415562	27.65%	5.586%
7	7.751	788	793	804	rBV	222835	364259	7.11%	1.437%
8	8.069	840	847	857	rBV	1152949	1823844	35.62%	7.197%
9	8.928	986	993	1006	rBV	1023487	1744769	34.08%	6.885%
10	10.551	1262	1269	1282	rBV	252430	451429	8.82%	1.781%
11	13.016	1681	1688	1699	rBV	2205938	3248258	63.44%	12.817%
12	13.874	1829	1834	1841	rBV2	38469	64328	1.26%	0.254%
13	14.410	1919	1925	1937	rBV2	344255	564219	11.02%	2.226%
14	15.910	2173	2180	2197	rBV2	1161248	1778488	34.74%	7.018%
15	17.162	2387	2393	2403	rBV	432653	687430	13.43%	2.712%
16	18.039	2538	2542	2552	rBV3	52467	75913	1.48%	0.300%
17	19.315	2756	2759	2764	rBV4	41865	56479	1.10%	0.223%
18	19.786	2833	2839	2847	rBV	4469219	5119908	100.00%	20.202%
19	21.356	3101	3106	3112	rBV	549462	757903	14.80%	2.991%
20	23.644	3489	3495	3504	rBV2	314968	661074	12.91%	2.608%

Sum of corrected areas: 25343245

LSC Report - Integrated Chromatogram

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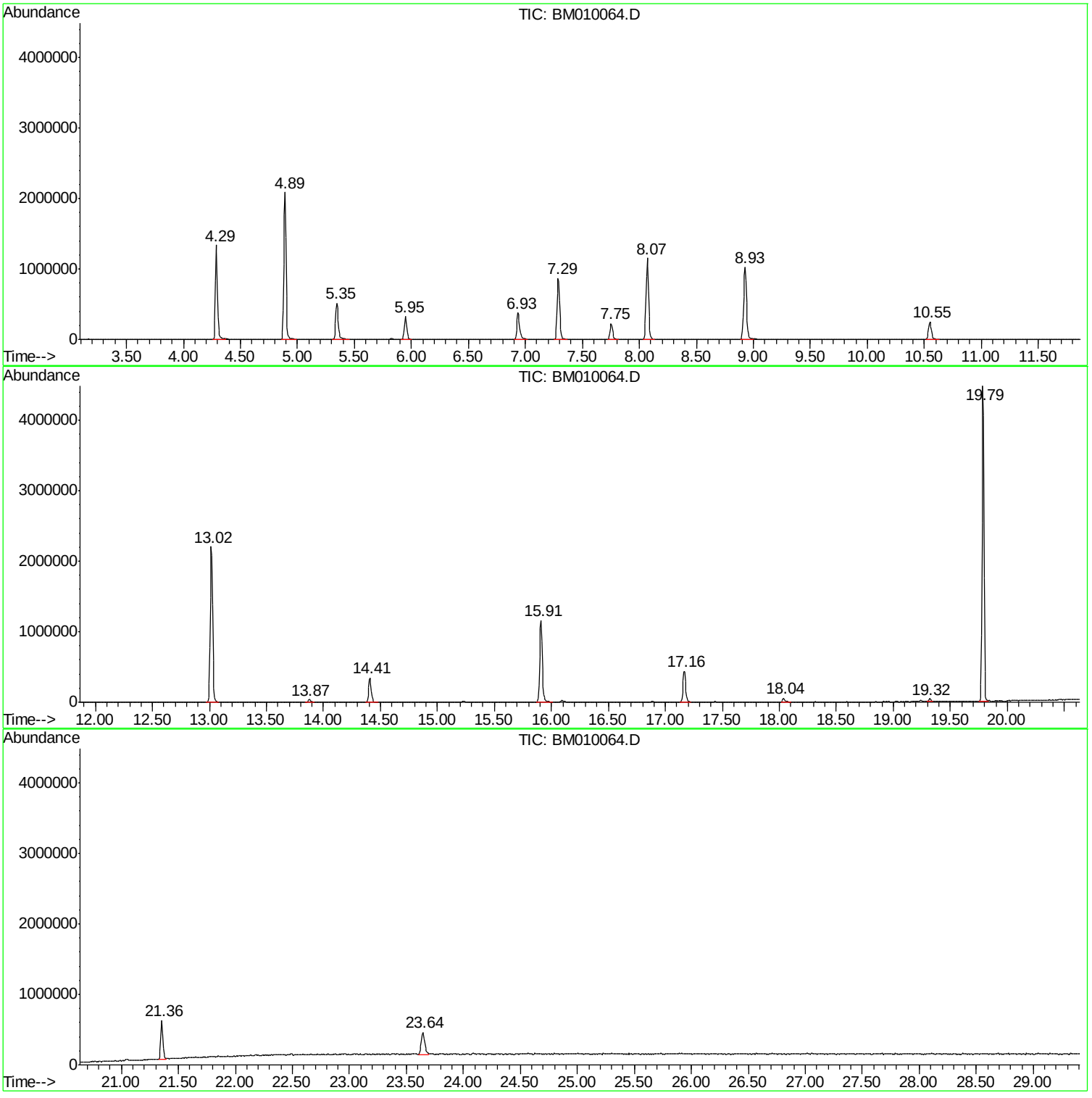
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EFF-170515-05

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BM010064.D
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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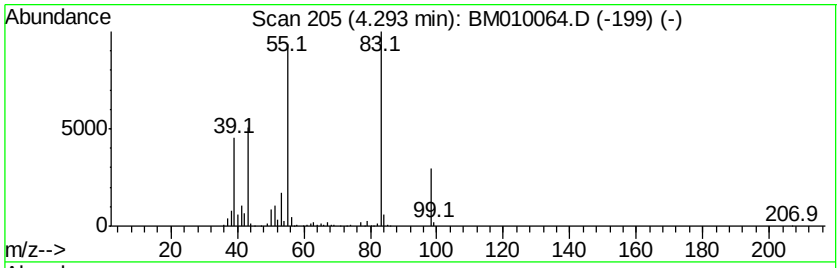
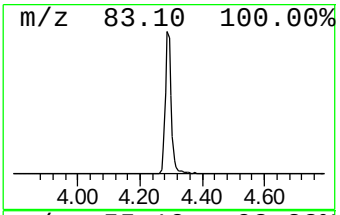
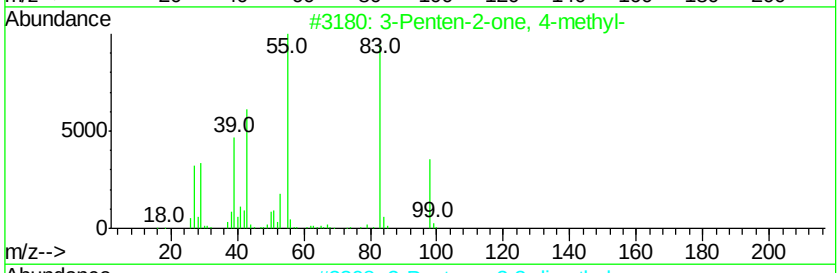
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

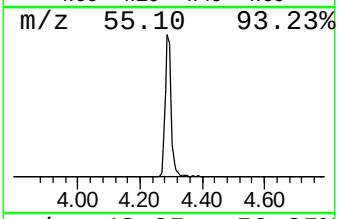
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	98.11 ng	1786820	1,4-Dichlorobenzene-d4	7.75

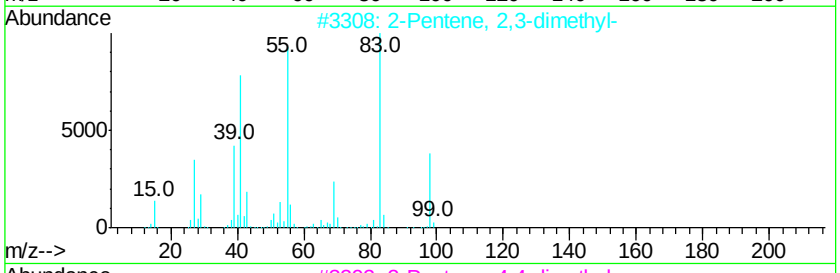
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	72
3	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	64
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53
5	3-Hexen-2-one	98	C6H10O	000763-93-9	52

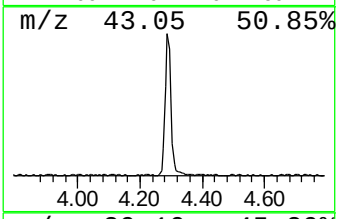


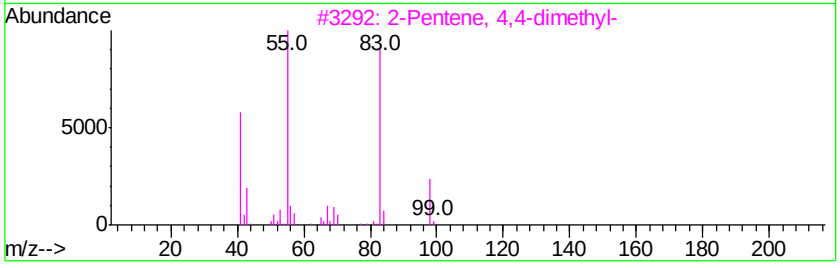


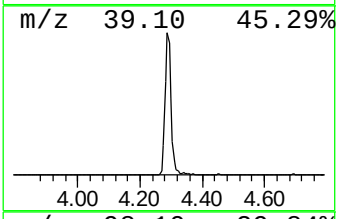


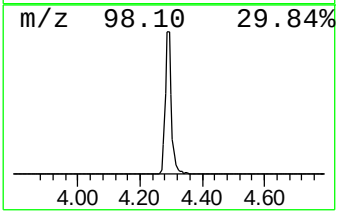












Library Search Compound Report

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Sample : I3180-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EFF-170515-05

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

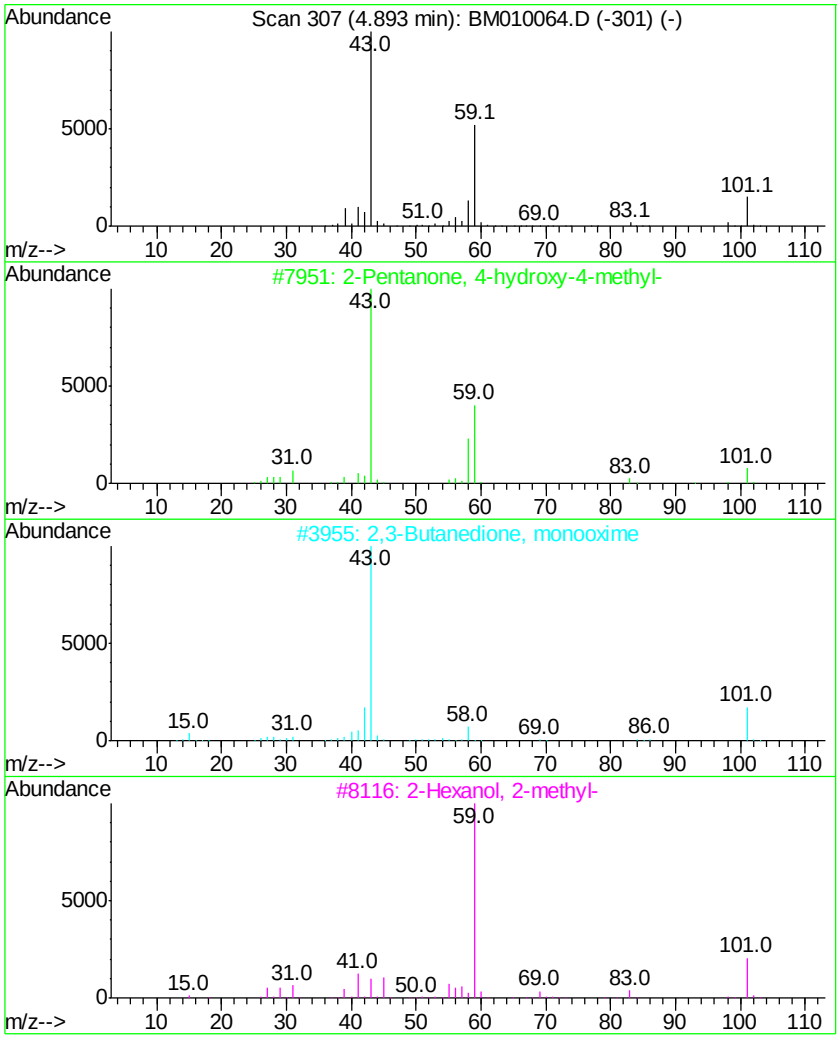
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

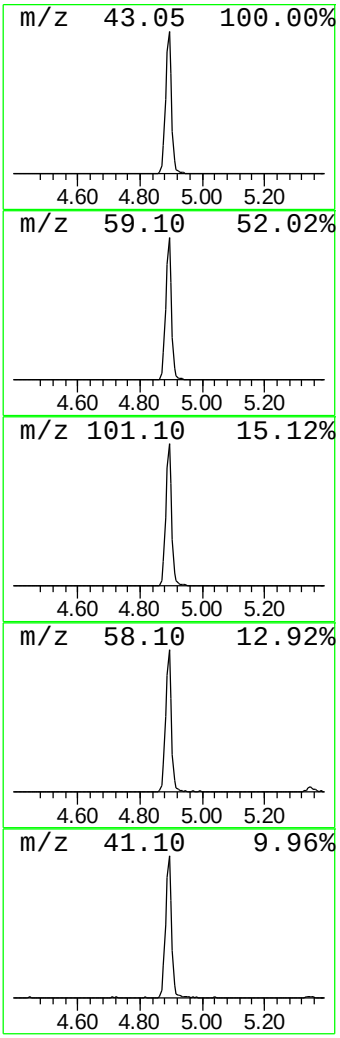
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	152.06 ng	2769410	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23





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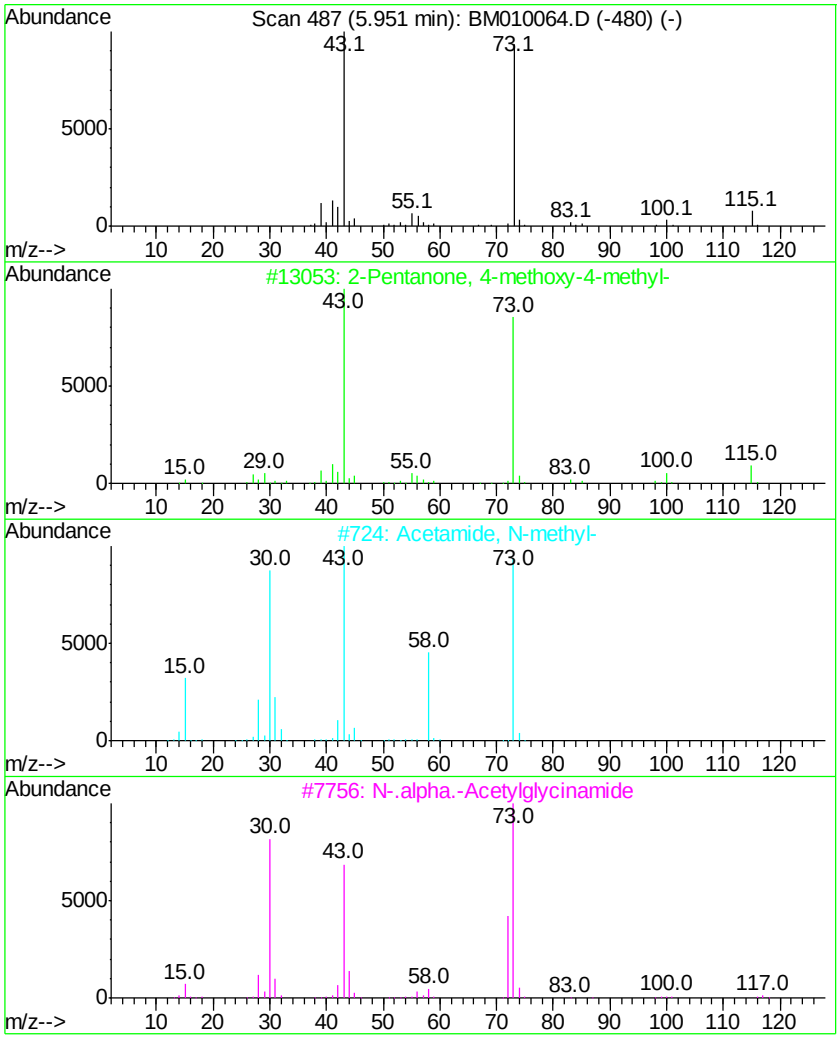
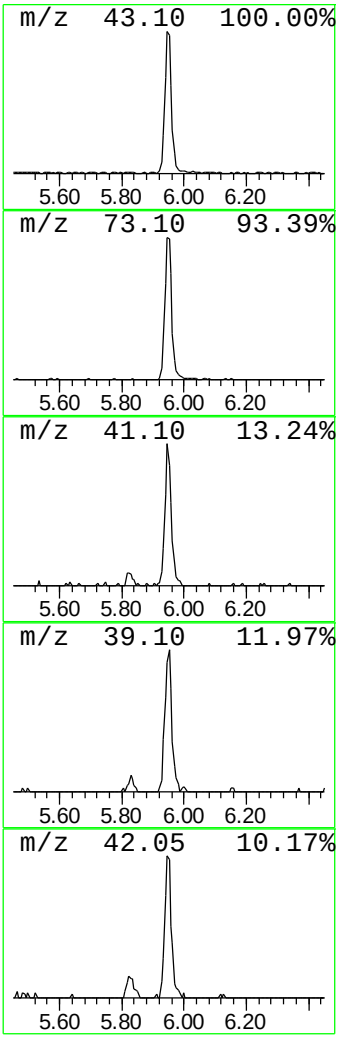
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	26.55 ng	483508	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	90
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	64
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	50
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	25
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	25





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Sample : I3180-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EFF-170515-05

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
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TIC Library : C:\DATABASE\NIST02.L
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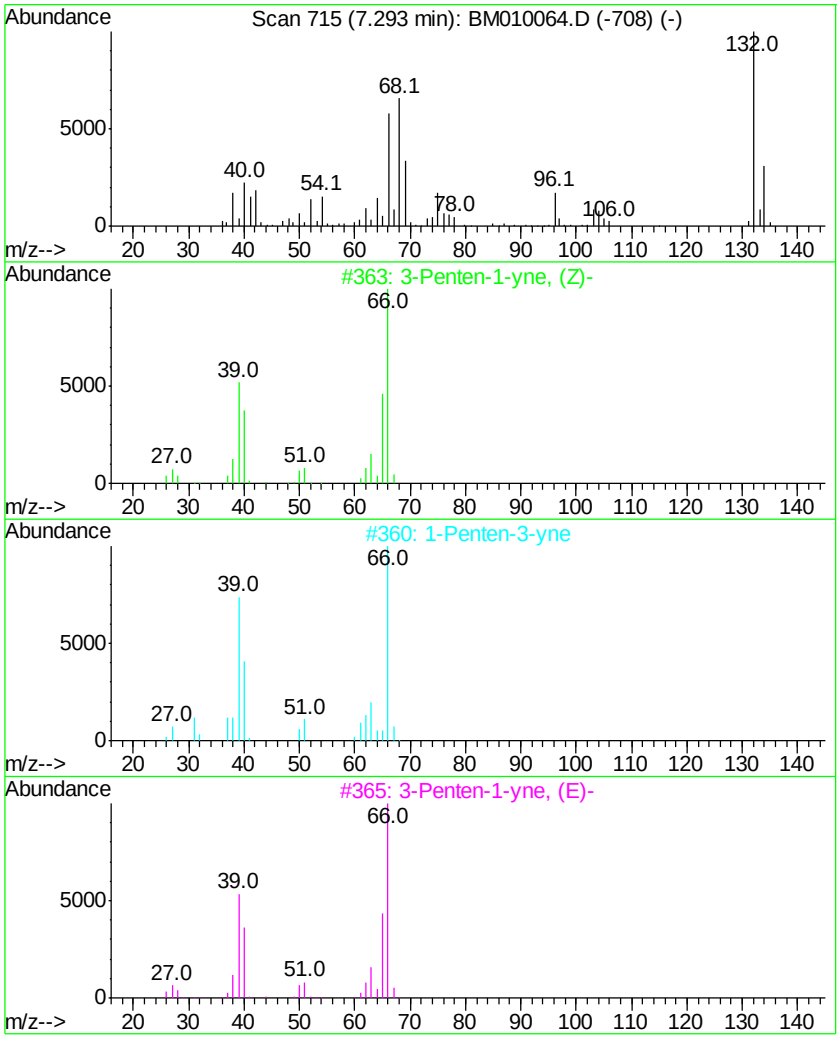
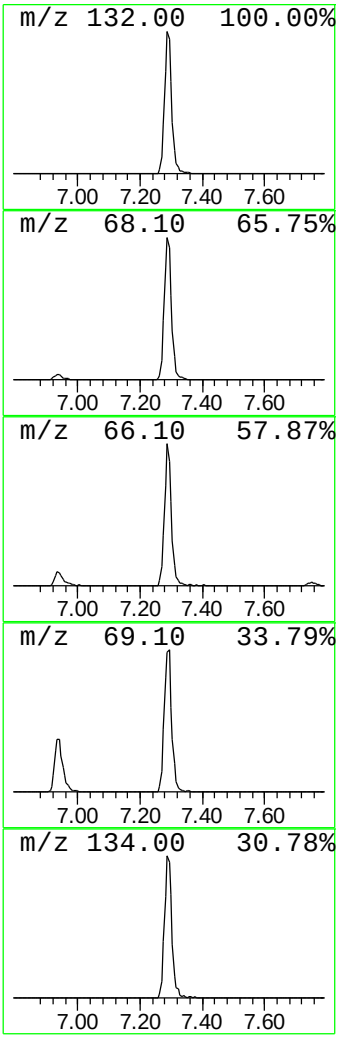
****

Peak Number 4 unknown7.29 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	77.72 ng	1415560	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	35
2	1-Penten-3-yne	66	C5H6	000646-05-9	35
3	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	25
4	5-Norbornene-2-methanol	124	C8H12O	000095-12-5	25
5	Propanedinitrile	66	C3H2N2	000109-77-3	25





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EFF-170515-05

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

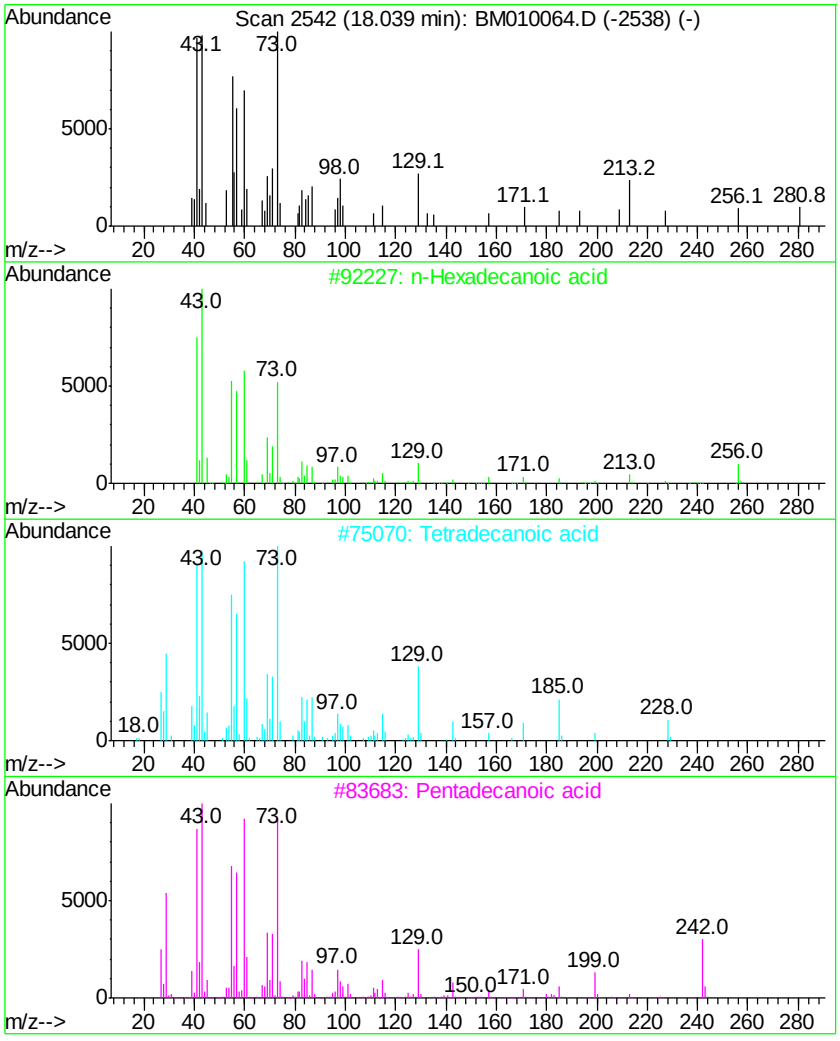
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

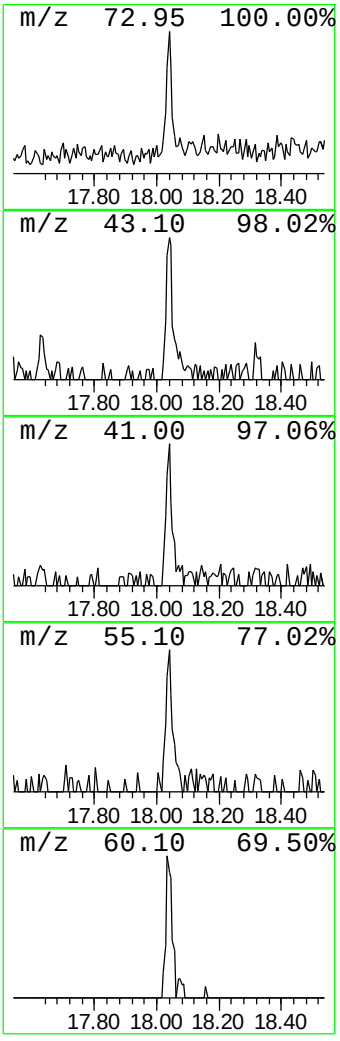
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.21 ng	75913	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.29	98.1	ng	1786820	1	7.75	364259	20.0
2-Pentanone, 4-hy...	4.89	152.1	ng	2769410	1	7.75	364259	20.0
2-Pentanone, 4-me...	5.95	26.6	ng	483508	1	7.75	364259	20.0
unknown7.29	7.29	77.7	ng	1415560	1	7.75	364259	20.0
n-Hexadecanoic acid	18.04	2.2	ng	75913	4	17.16	687430	20.0