LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130484.D
Acq On : 30 Sep 2022 15:07
Operator : CG\JU
Sample : N4896-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-9

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	169	176	186	rBV	104158	195392	1.96%	0.709%
2	4.192	345	358	361	rBV	4478489	9947181	100.00%	36.115%
3	4.857	459	471	474	rBV	2605483	5712965	57.43%	20.742%
4	5.645	601	605	612	rVB	150730	133764	1.34%	0.486%
5	6.275	709	712	727	rBV	424200	477333	4.80%	1.733%
6	6.475	744	746	759	rBV	140259	137421	1.38%	0.499%
7	6.633	770	773	777	rVB	751855	646405	6.50%	2.347%
8	6.963	826	829	833	rBV	166639	141963	1.43%	0.515%
9	7.204	865	870	873	rBV	1609742	1461584	14.69%	5.307%
10	7.916	987	991	995	rBV	858198	824459	8.29%	2.993%
11	8.998	1170	1175	1178	rBV	3247274	2756155	27.71%	10.007%
12	9.669	1285	1289	1300	rVB	1034739	886944	8.92%	3.220%
13	11.151	1537	1541	1548	rBV	862062	835472	8.40%	3.033%
14	12.733	1806	1810	1814	rBV	2384647	2223770	22.36%	8.074%
15	13.780	1984	1988	1992	rBV	602404	565312	5.68%	2.052%
16	15.168	2220	2224	2229	rBV	511068	597006	6.00%	2.168%

Sum of corrected areas: 27543126

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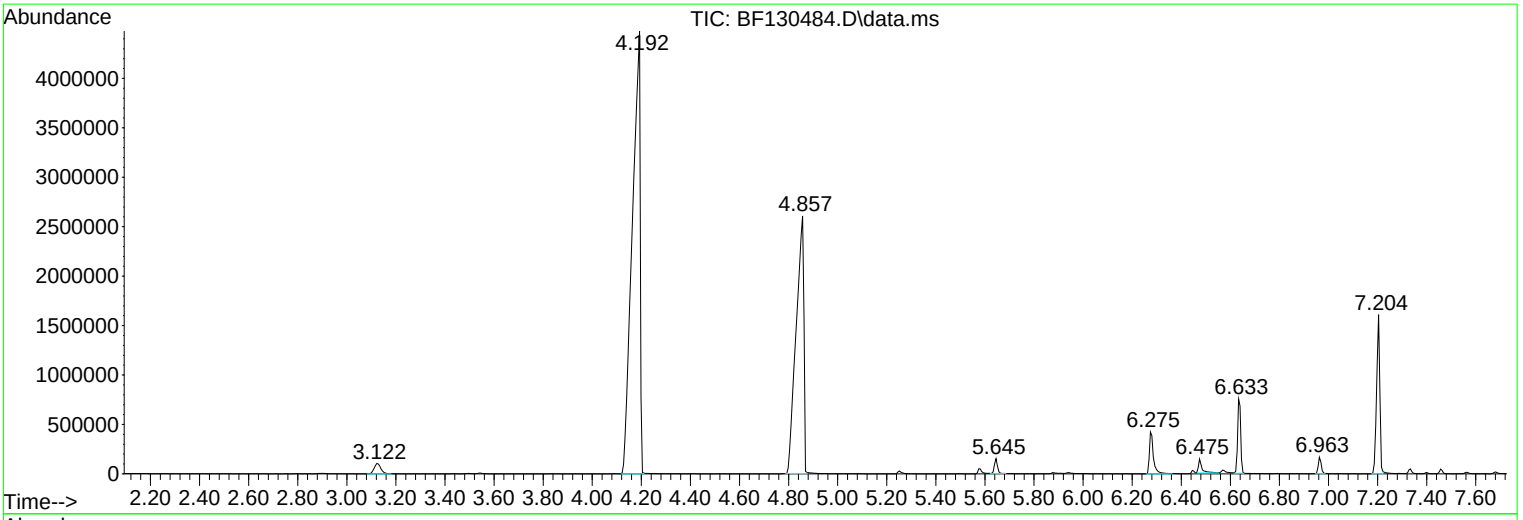
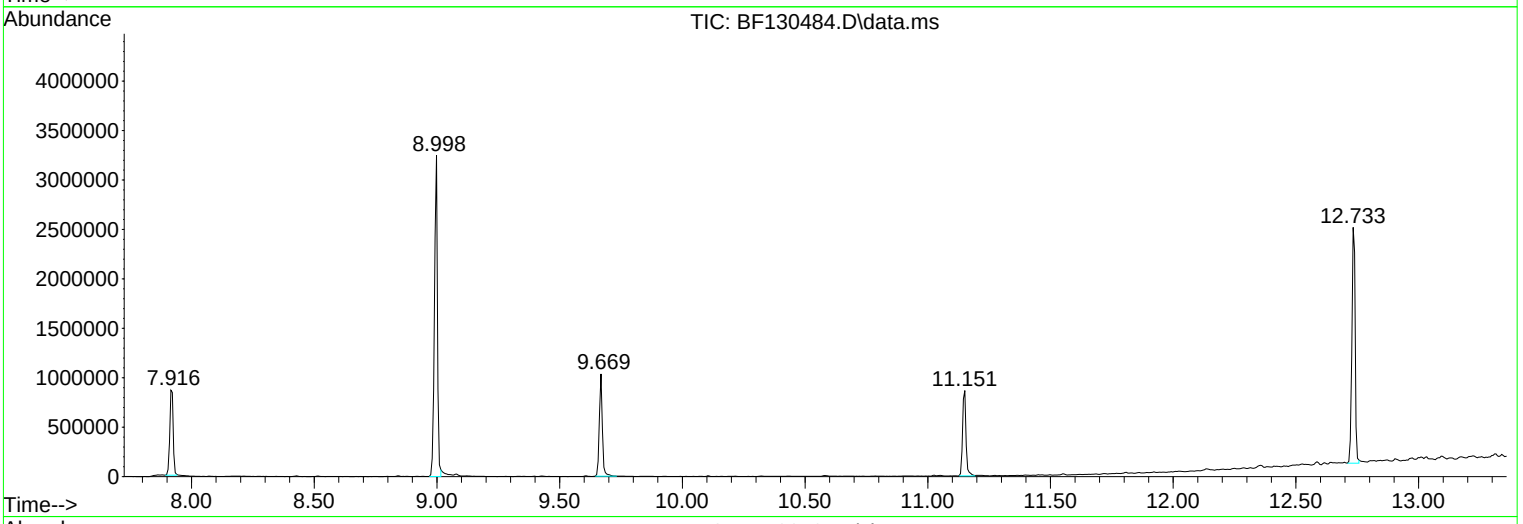
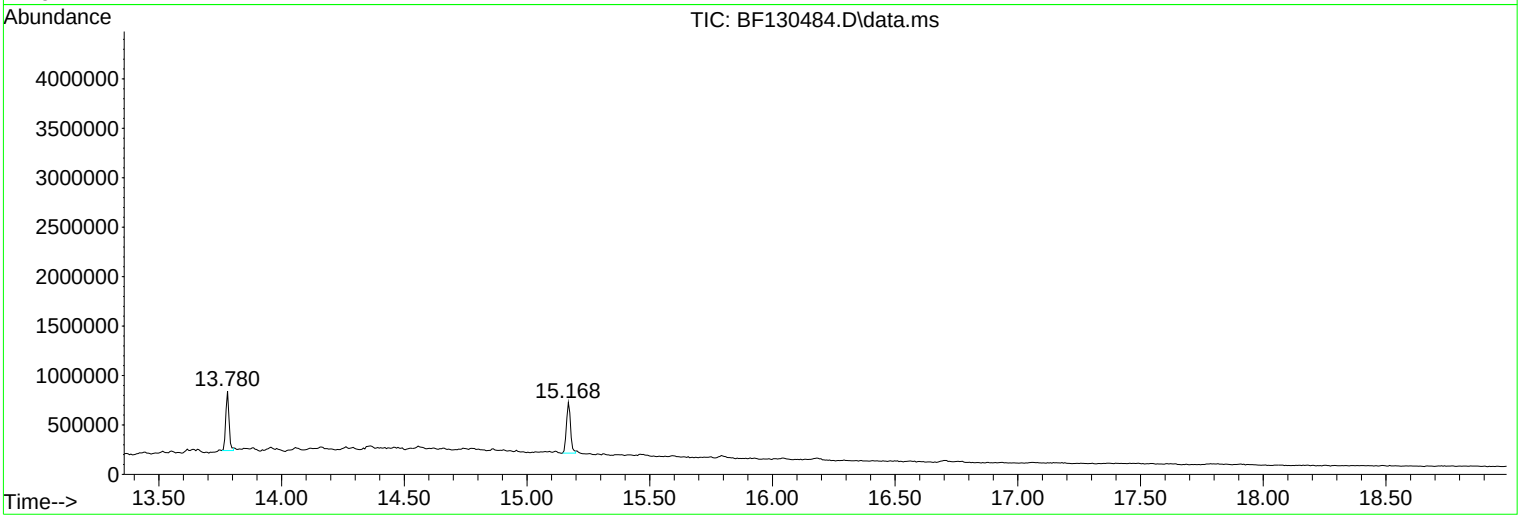
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Operator : CG\JU
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Misc :
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Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-9

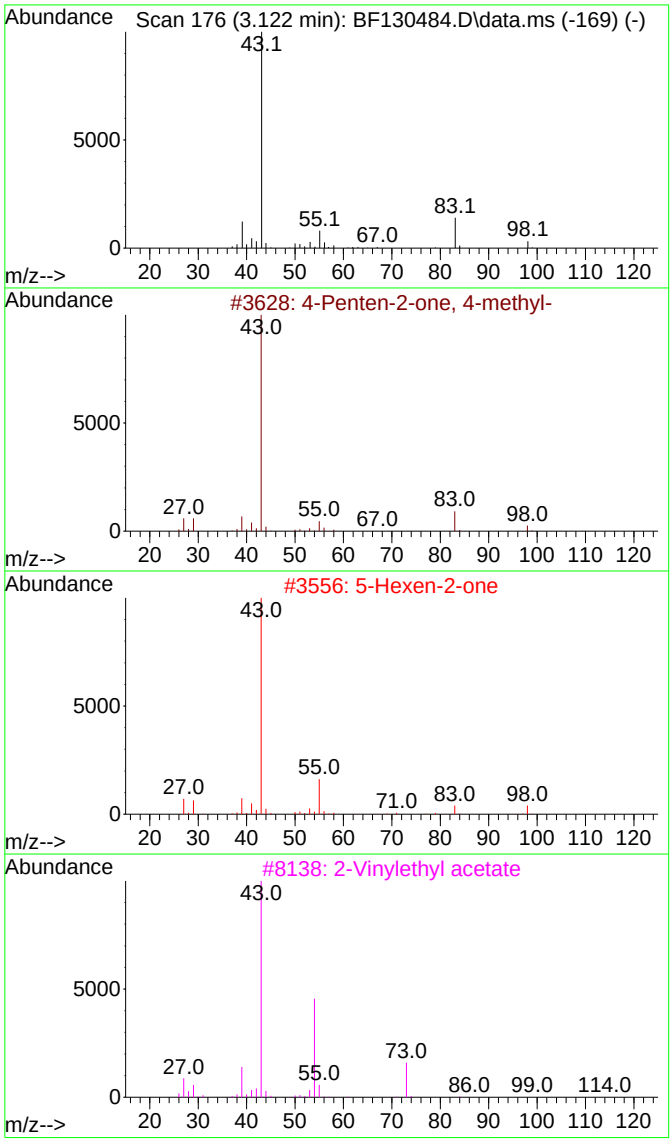
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

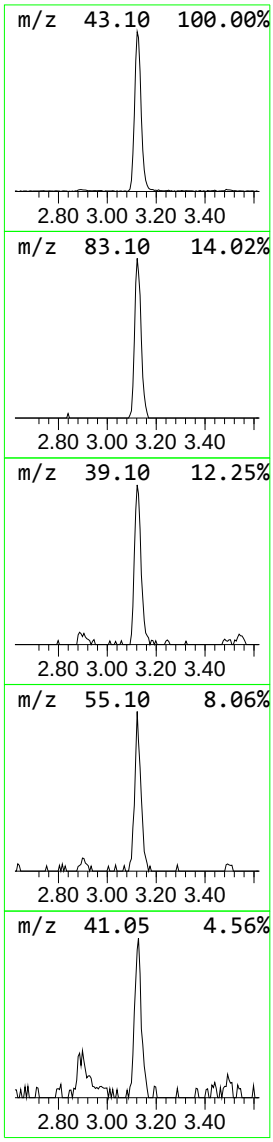
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	6.05 ng	195392	1,4-Dichlorobenzene-d4	6.639

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	38
3	2-Vinylethyl acetate	114	C6H10O2	001576-84-7	17
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	12
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	10





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Operator : CG\JU
Sample : N4896-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

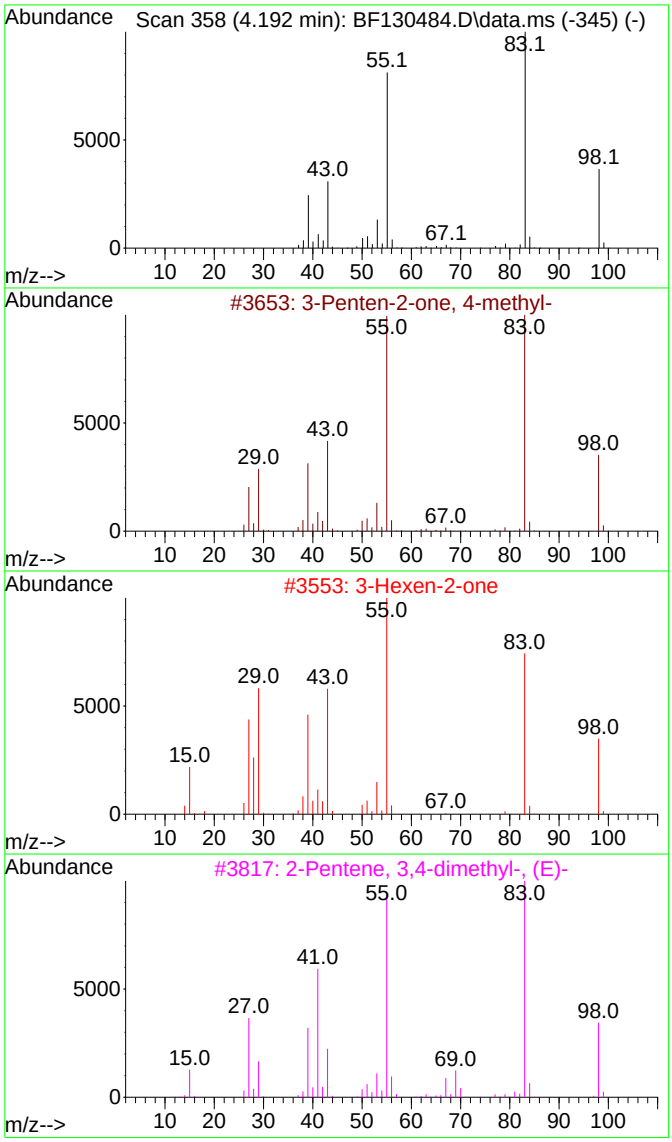
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

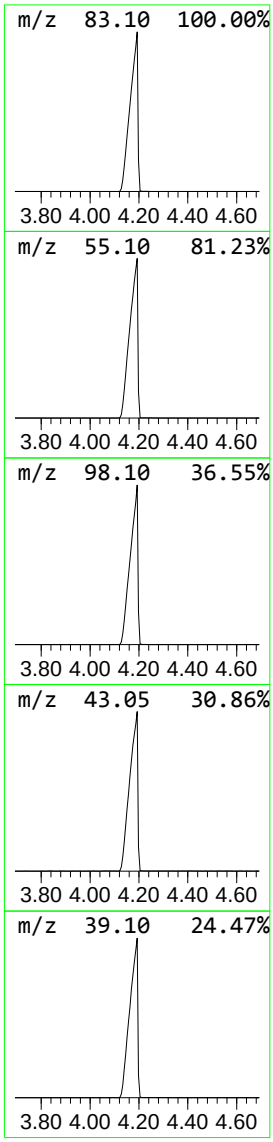
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.192	307.77 ng	9947180	1,4-Dichlorobenzene-d4	6.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





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Data File : BF130484.D
Acq On : 30 Sep 2022 15:07
Operator : CG\JU
Sample : N4896-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-9

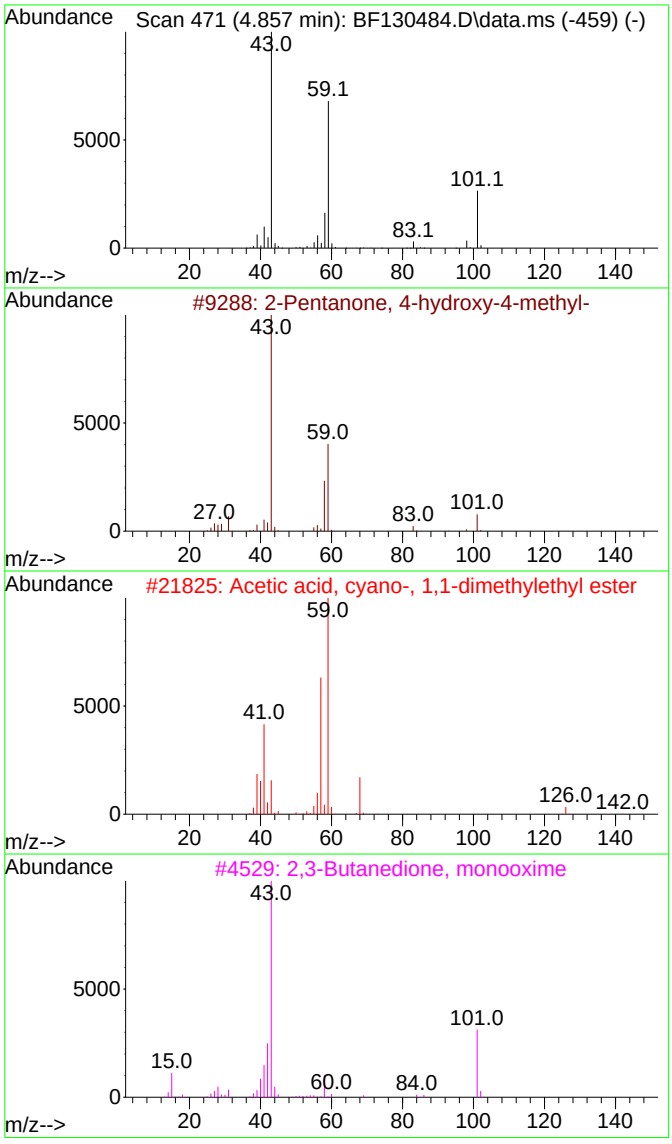
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

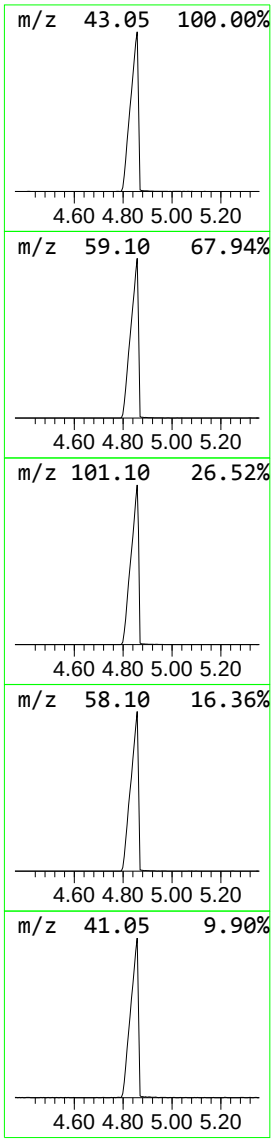
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.857	176.76 ng	5712970	1,4-Dichlorobenzene-d4	6.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetone	58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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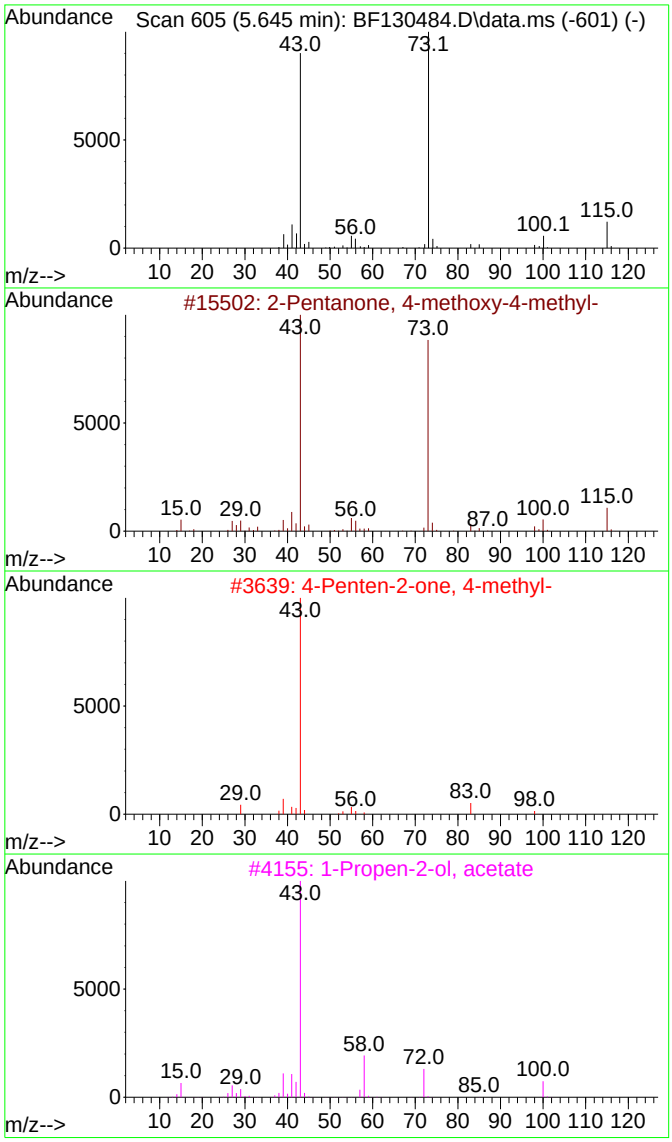
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

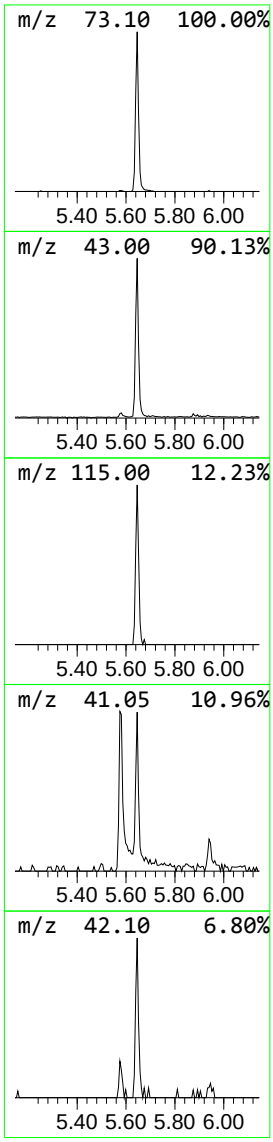
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.645	4.14 ng	133764	1,4-Dichlorobenzene-d4	6.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	N-Formylmorpholine	115	C5H9NO2	004394-85-8	9
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9





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Instrument :
BNA_F
ClientSampleId :
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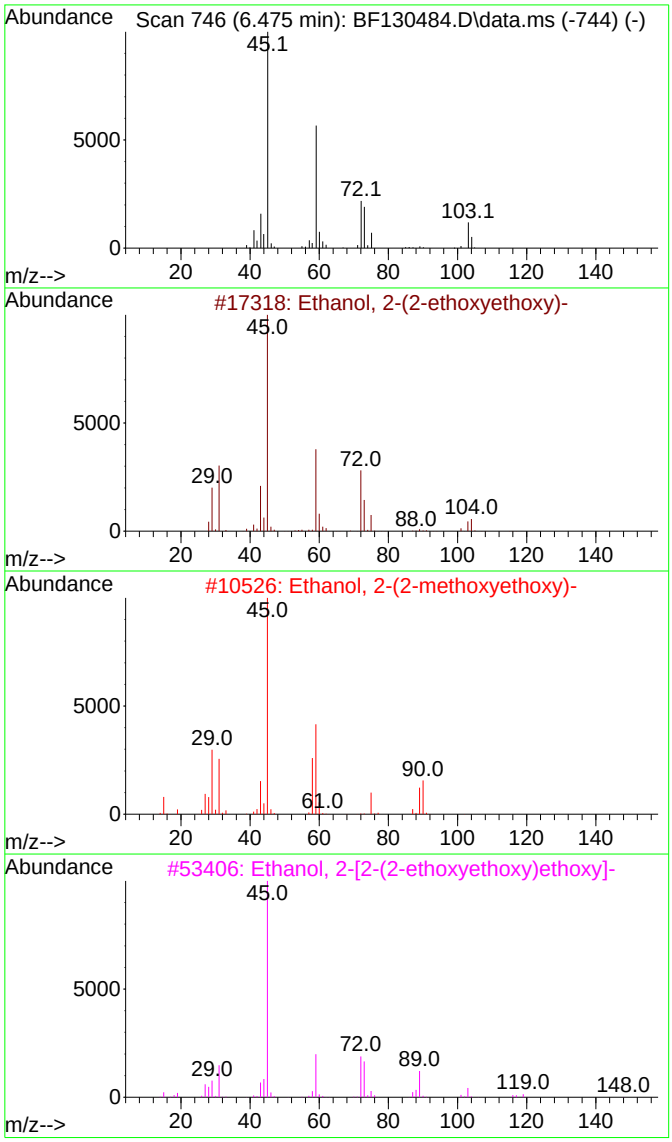
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

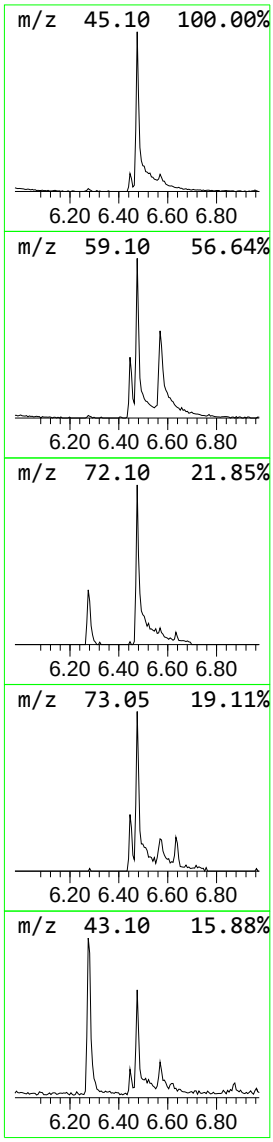
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.475	4.25 ng	137421	1,4-Dichlorobenzene-d4	6.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	53
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
5	Ethyl ether	74	C4H10O	000060-29-7	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

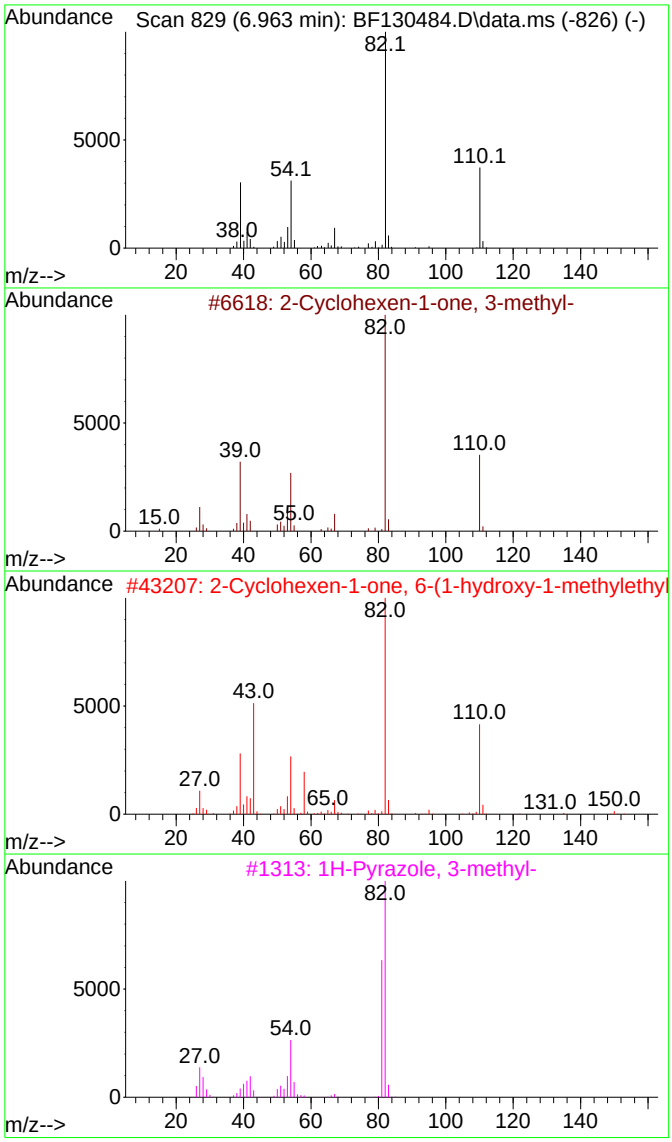
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

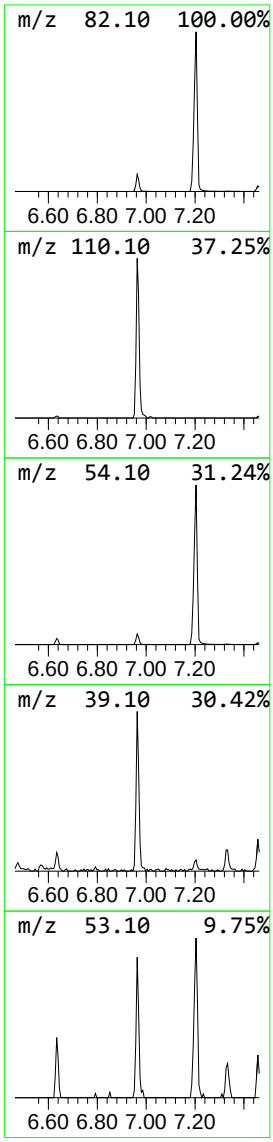
****

Peak Number 6 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	4.39 ng	141963	1,4-Dichlorobenzene-d4	6.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	64
3	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	59
4	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	59
5	Betazole	111	C5H9N3	000105-20-4	50





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one,...	3.122	6.0	ng	195392	1	6.639	646405	20.0
3-Penten-2-one,...	4.192	307.8	ng	9947180	1	6.639	646405	20.0
2-Pentanone, 4-...	4.857	176.8	ng	5712970	1	6.639	646405	20.0
2-Pentanone, 4-...	5.645	4.1	ng	133764	1	6.639	646405	20.0
Ethanol, 2-(2-e...	6.475	4.3	ng	137421	1	6.639	646405	20.0
2-Cyclohexen-1-...	6.963	4.4	ng	141963	1	6.639	646405	20.0