LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093022\
Data File : BF130485.D
Acq On : 30 Sep 2022 15:39
Operator : CG\JU
Sample : N4895-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8

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: BF130485.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	192	rBV	123764	234794	2.24%	0.805%
2	4.193	344	358	361	rBV	4555754	10480016	100.00%	35.926%
3	4.852	459	470	473	rBV	2382335	4762789	45.45%	16.327%
4	5.646	601	605	611	rBV	143928	136180	1.30%	0.467%
5	6.275	709	712	730	rBV	899930	824675	7.87%	2.827%
6	6.634	770	773	777	rBV	749634	621579	5.93%	2.131%
7	6.787	795	799	806	rBV	269844	293014	2.80%	1.004%
8	6.963	826	829	841	rVB	242436	209281	2.00%	0.717%
9	7.204	865	870	873	rBV	1629394	1487393	14.19%	5.099%
10	7.916	988	991	995	rVV	843605	777593	7.42%	2.666%
11	8.998	1170	1175	1178	rBV	3303410	2821016	26.92%	9.671%
12	9.669	1285	1289	1292	rBV	991183	823048	7.85%	2.821%
13	11.145	1537	1540	1543	rBV	789117	779497	7.44%	2.672%
14	11.169	1543	1544	1548	rVV	253125	191002	1.82%	0.655%
15	12.357	1742	1746	1750	rBV	348332	296543	2.83%	1.017%
16	12.580	1779	1784	1788	rBV	268677	287540	2.74%	0.986%
17	12.733	1806	1810	1814	rBV	2523104	2211914	21.11%	7.583%
18	13.775	1983	1987	1991	rBV2	938187	1067560	10.19%	3.660%
19	14.780	2154	2158	2161	rBV	112672	157105	1.50%	0.539%
20	15.110	2211	2214	2219	rVB	93589	106281	1.01%	0.364%
21	15.169	2219	2224	2227	rBV	531357	602267	5.75%	2.065%

Sum of corrected areas: 29171087

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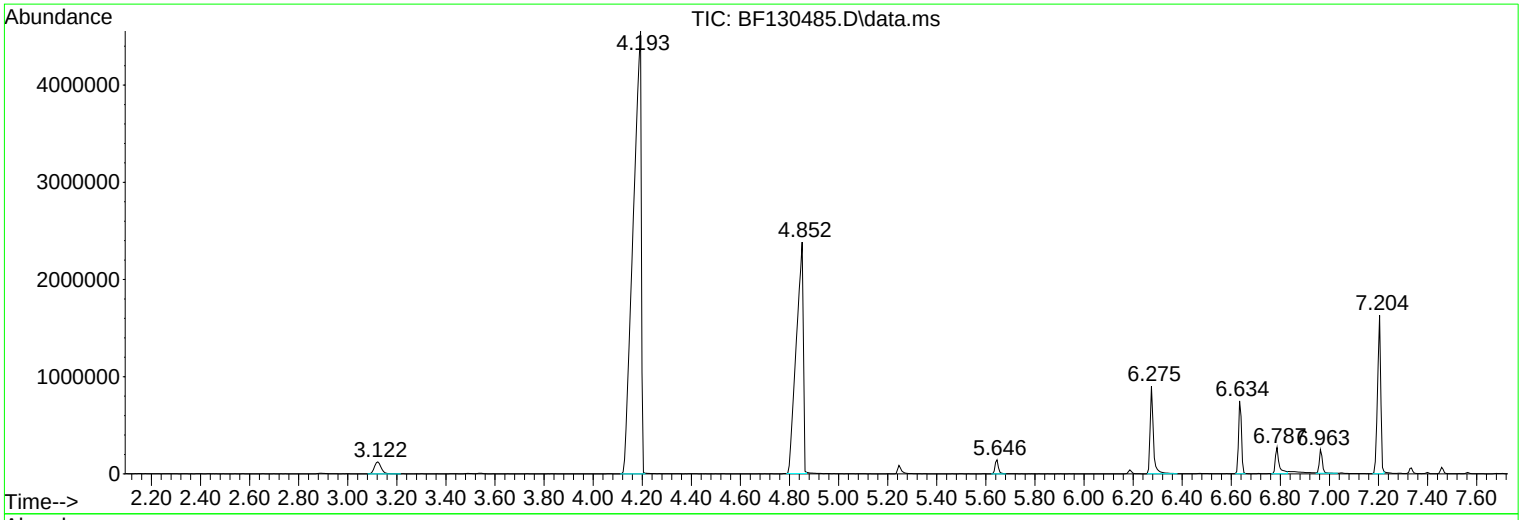
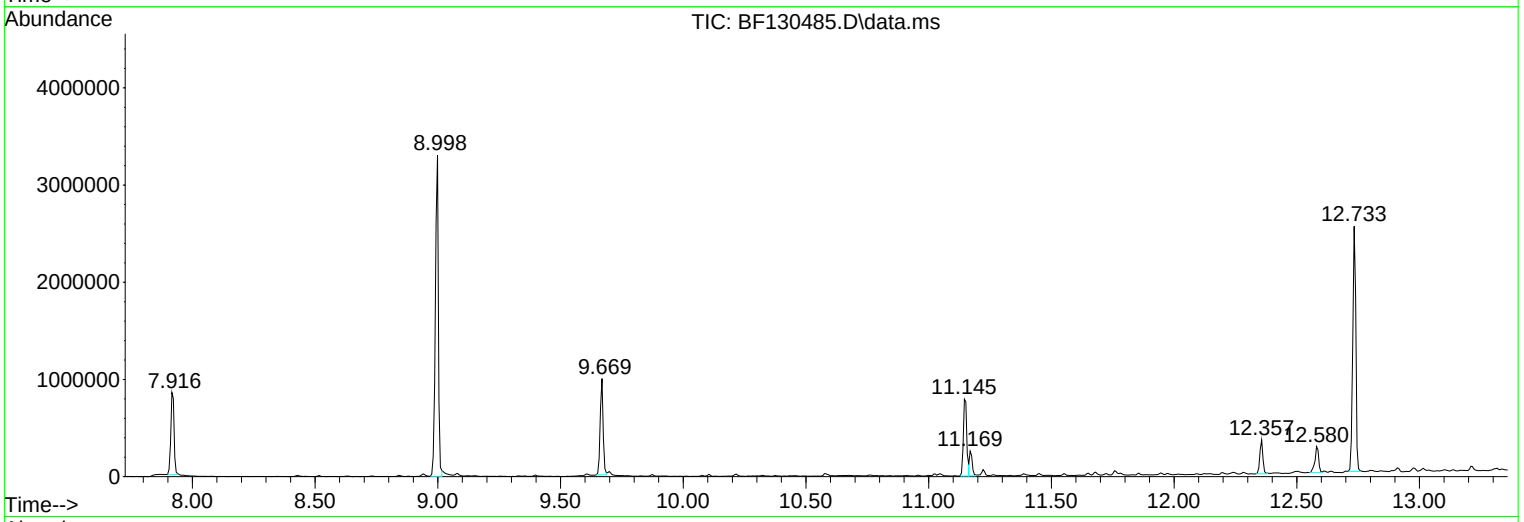
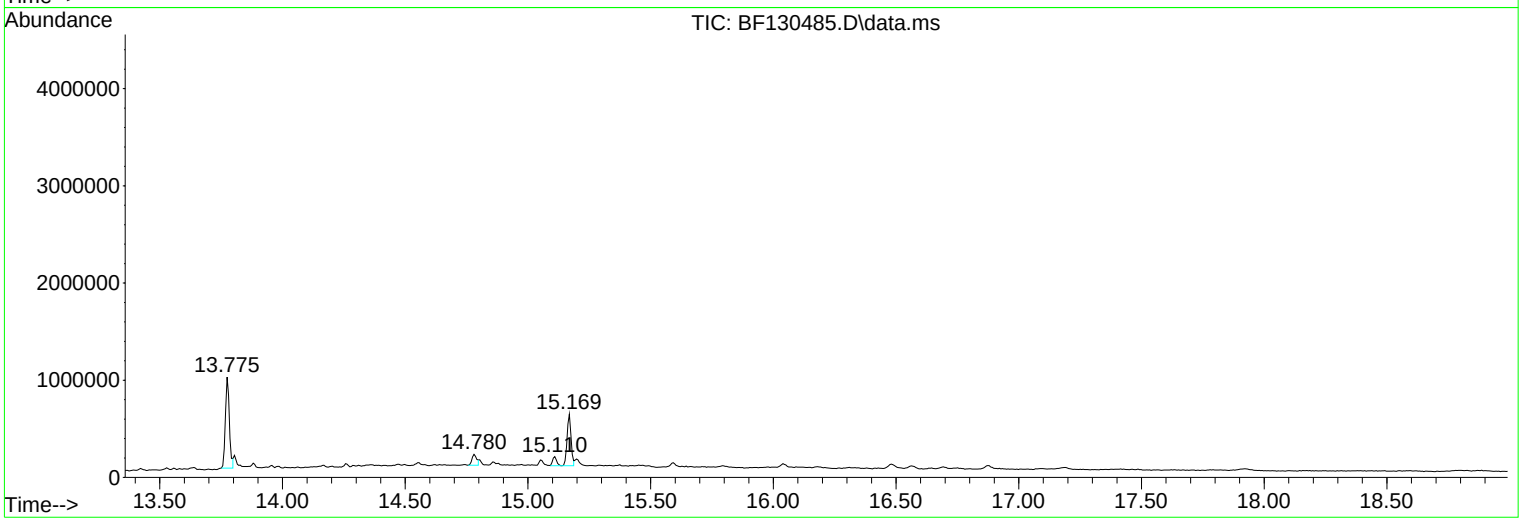
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8

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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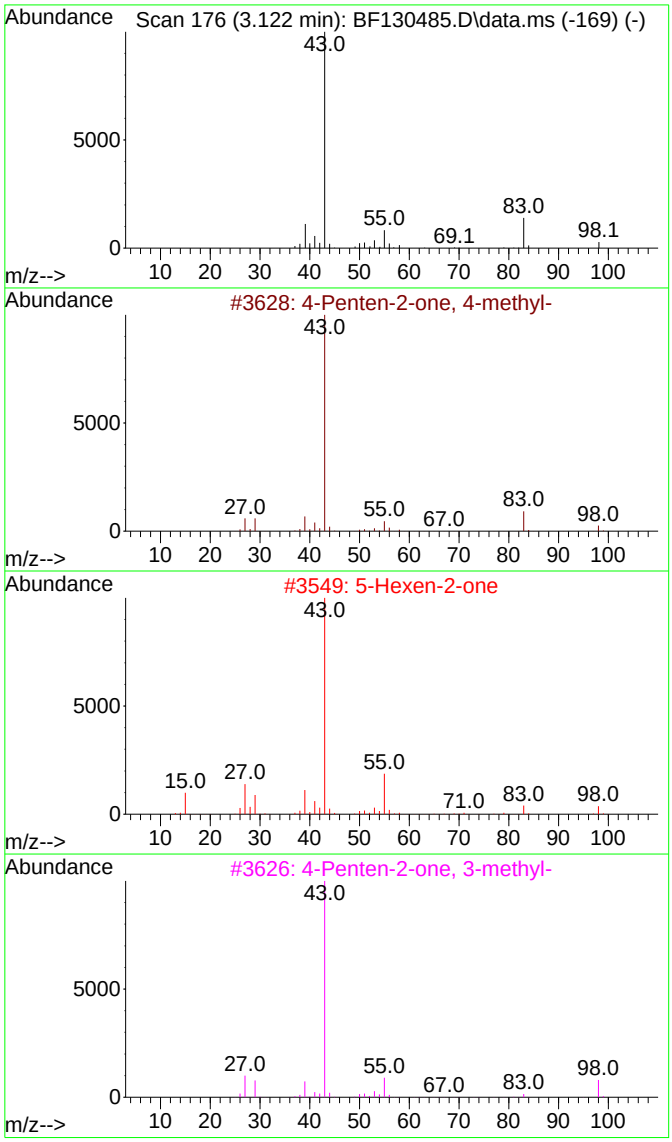
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

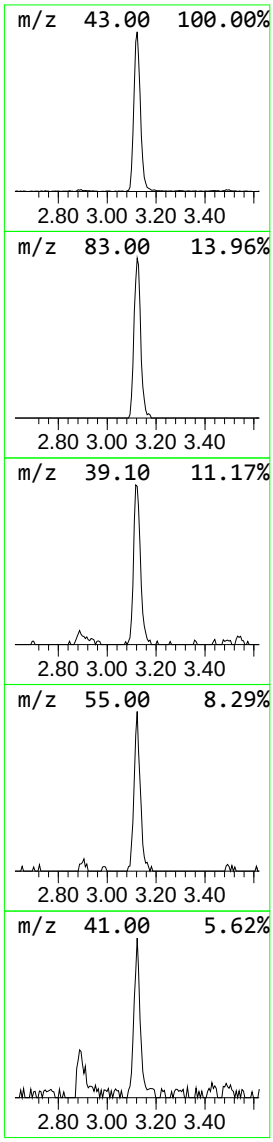
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	7.55 ng	234794	1,4-Dichlorobenzene-d4	6.634

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	47
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	43
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23
5	Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	9





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Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8

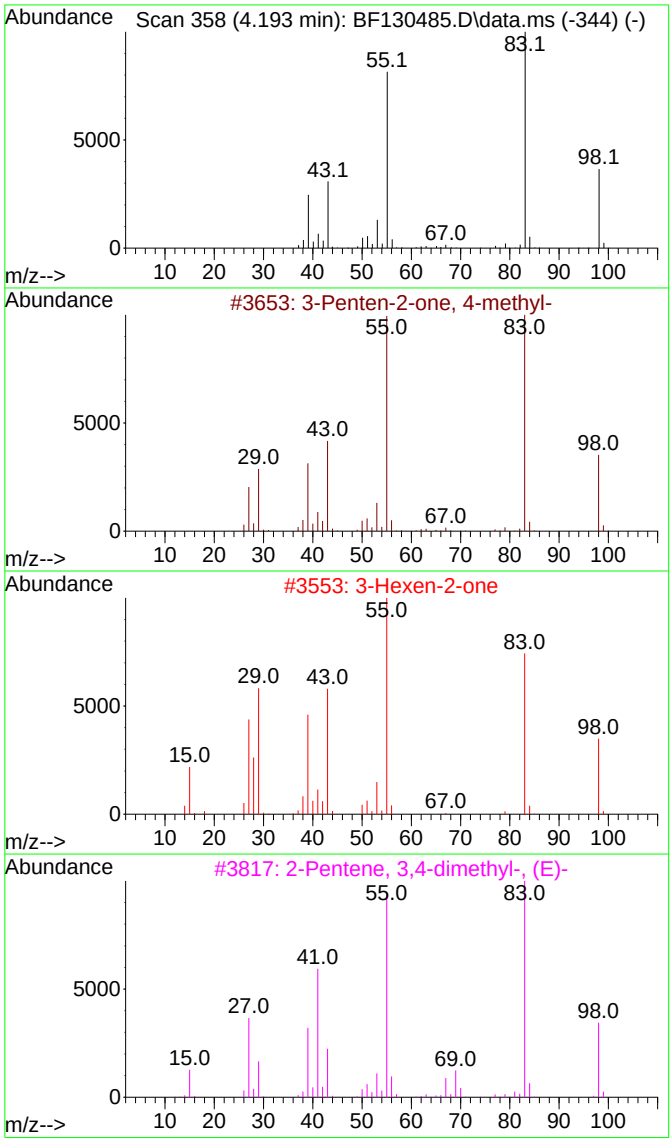
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

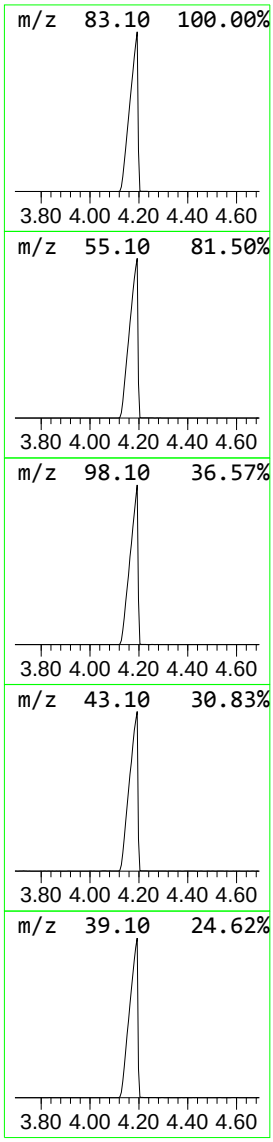
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.193	337.21 ng	10480000	1,4-Dichlorobenzene-d4	6.634

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	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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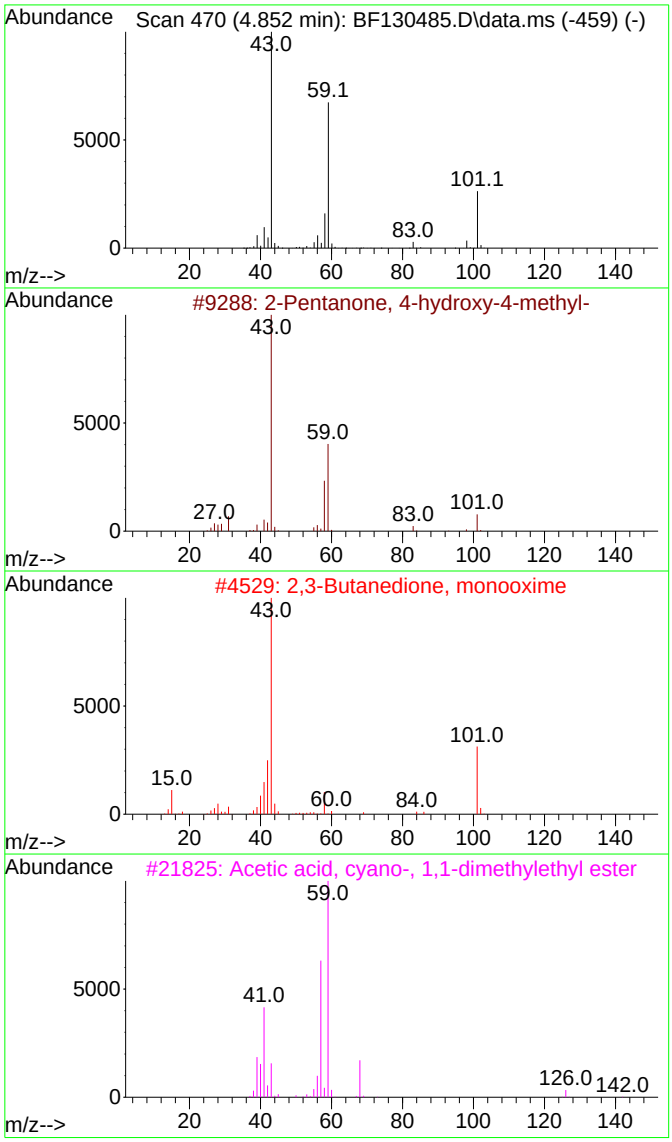
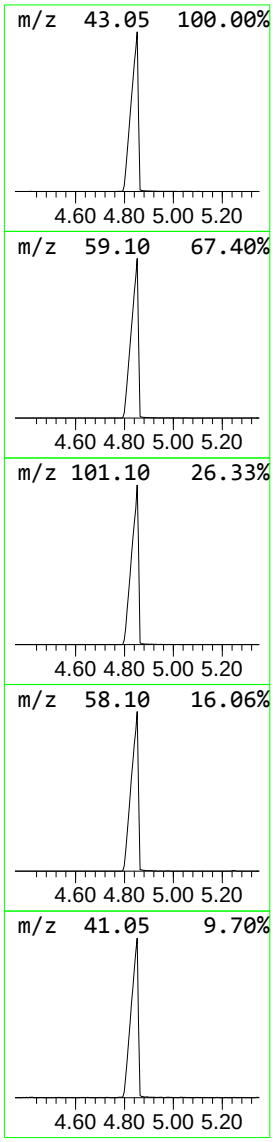
****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.852	153.25 ng	4762790	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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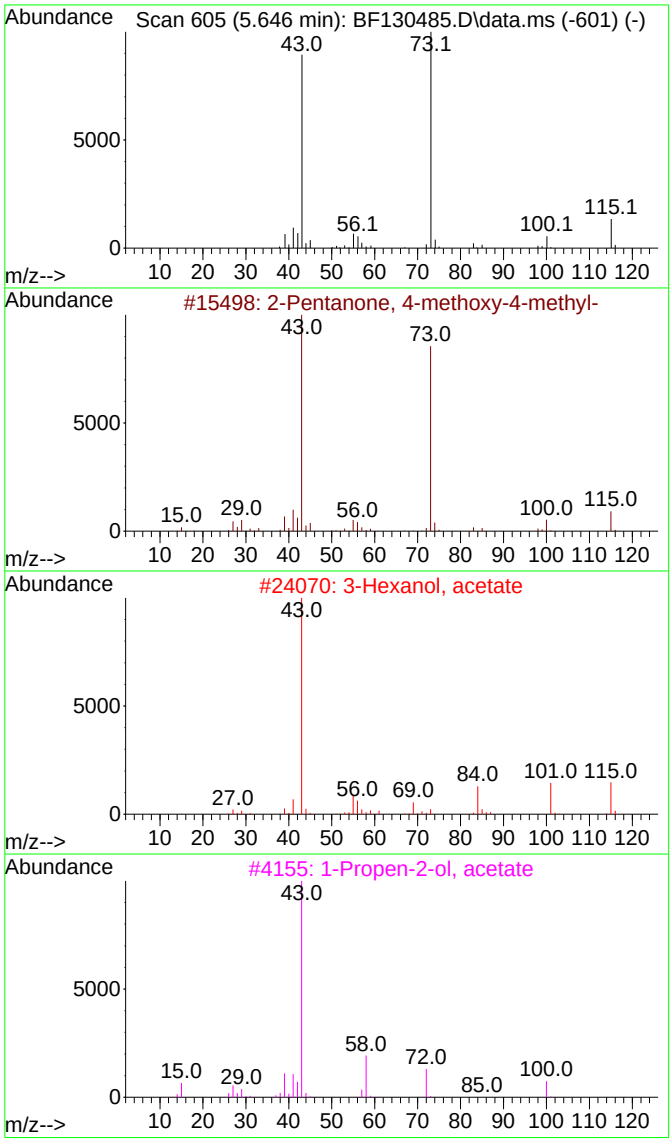
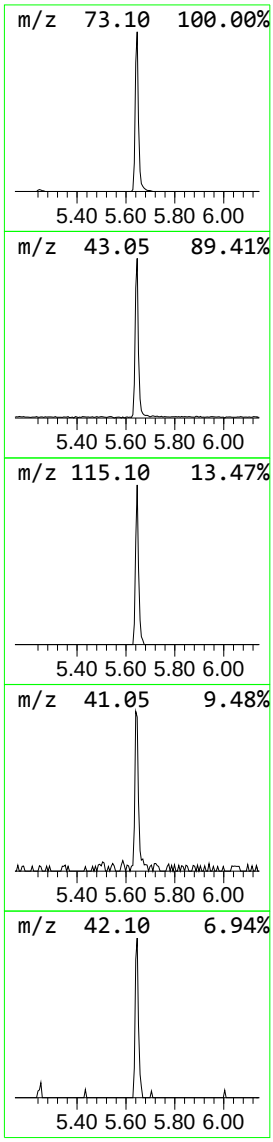
****
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.646	4.38 ng	136180	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	3-Hexanol, acetate	144	C8H16O2	040780-64-1	37
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	9
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9





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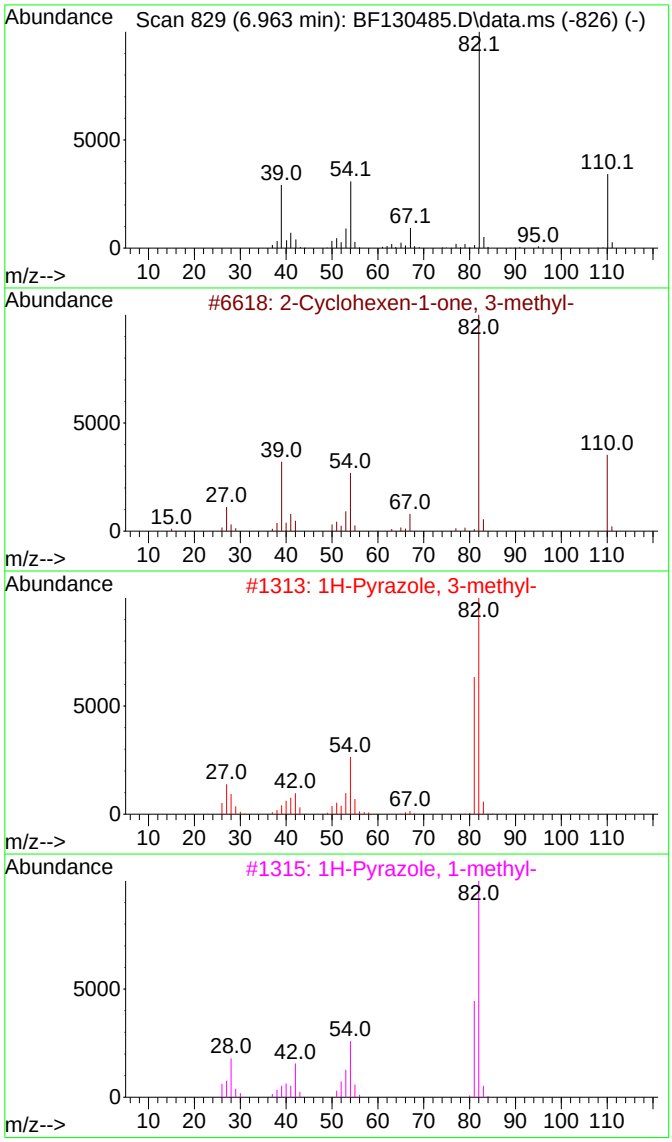
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

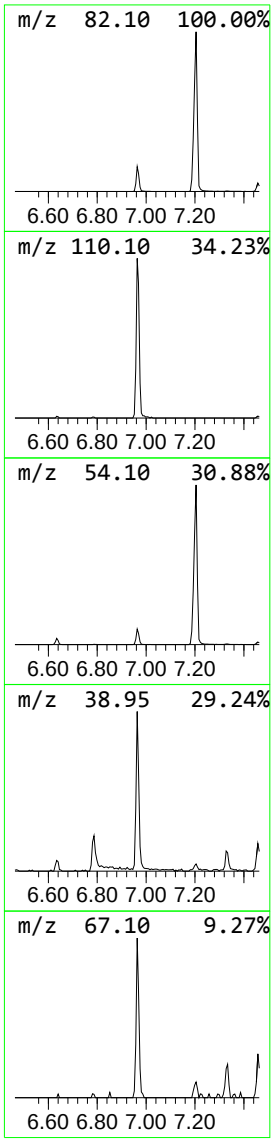
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	6.73 ng	209281	1,4-Dichlorobenzene-d4	6.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	94
2	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	59
3	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	53
4	Furan, 2-methyl-	82	C5H6O	000534-22-5	36
5	Betazole	111	C5H9N3	000105-20-4	28





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one,...	3.122	7.5	ng	234794	1	6.634	621579	20.0
3-Penten-2-one,...	4.193	337.2	ng	10480000	1	6.634	621579	20.0
2-Pentanone, 4-...	4.852	153.3	ng	4762790	1	6.634	621579	20.0
2-Pentanone, 4-...	5.646	4.4	ng	136180	1	6.634	621579	20.0
2-Cyclohexen-1-...	6.963	6.7	ng	209281	1	6.634	621579	20.0