LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125074.D
Acq On : 17 Aug 2021 18:10
Operator : JU/CG
Sample : PB138424BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138424BL

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-BF081721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125074.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.298	28	36	41	rBV	193216	255818	4.51%	0.665%
2	2.404	48	54	62	rVB	133813	167069	2.94%	0.434%
3	5.163	517	523	532	rBV	574270	823331	14.50%	2.139%
4	5.545	582	588	591	rBV	5025734	5676913	100.00%	14.750%
5	5.939	652	655	659	rVB	194803	153006	2.70%	0.398%
6	6.539	751	757	760	rBV	4572986	5579531	98.28%	14.497%
7	6.916	818	821	825	rBV	1403214	1266215	22.30%	3.290%
8	7.480	911	917	920	rBV	3506713	3636672	64.06%	9.449%
9	8.198	1035	1039	1043	rBV	1746539	1690453	29.78%	4.392%
10	9.280	1217	1223	1226	rBV	5328648	5463542	96.24%	14.196%
11	9.957	1333	1338	1341	rBV	1943664	1708269	30.09%	4.439%
12	10.745	1466	1472	1475	rBV	3641785	3522456	62.05%	9.152%
13	11.445	1587	1591	1594	rBV	1968713	1681794	29.63%	4.370%
14	13.033	1856	1861	1864	rBV	5053482	5027999	88.57%	13.064%
15	14.080	2035	2039	2043	rBV	1252407	1127794	19.87%	2.930%
16	15.574	2288	2293	2299	rBV	486719	625182	11.01%	1.624%
17	17.068	2540	2547	2557	rVB6	24944	81310	1.43%	0.211%

Sum of corrected areas: 38487354

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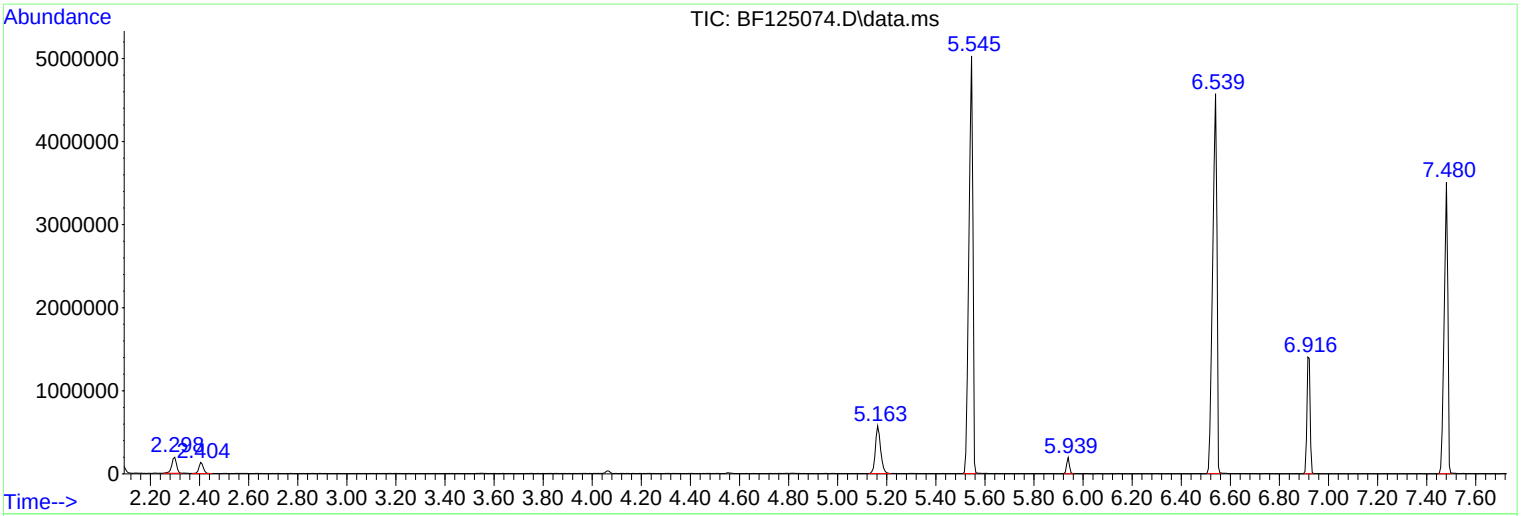
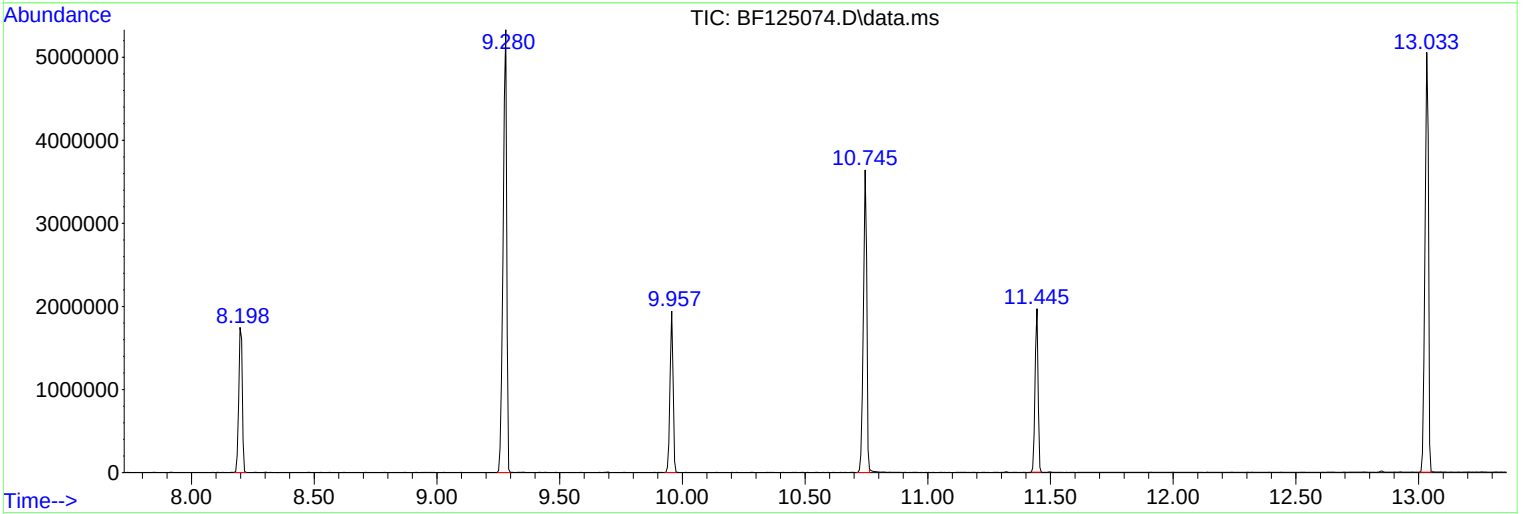
Misc :
ALS Vial : 10 Sample Multiplier: 1

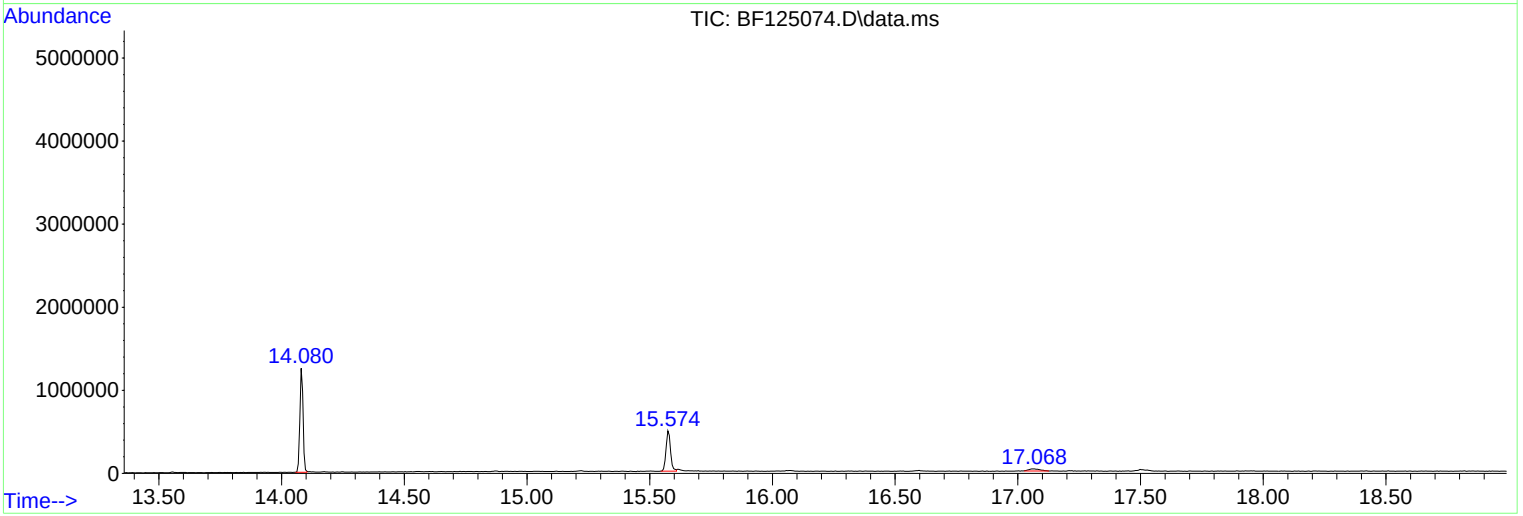
Instrument :
BNA_F
ClientSampleId :
PB138424BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125074.D
Acq On : 17 Aug 2021 18:10
Operator : JU/CG
Sample : PB138424BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB138424BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

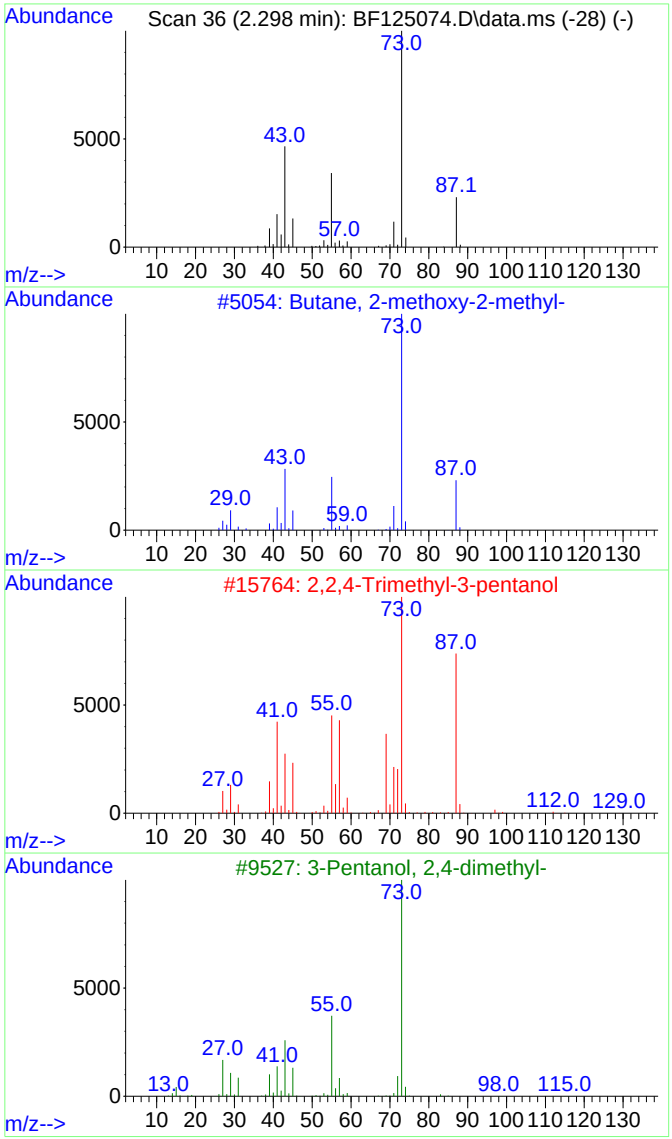
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

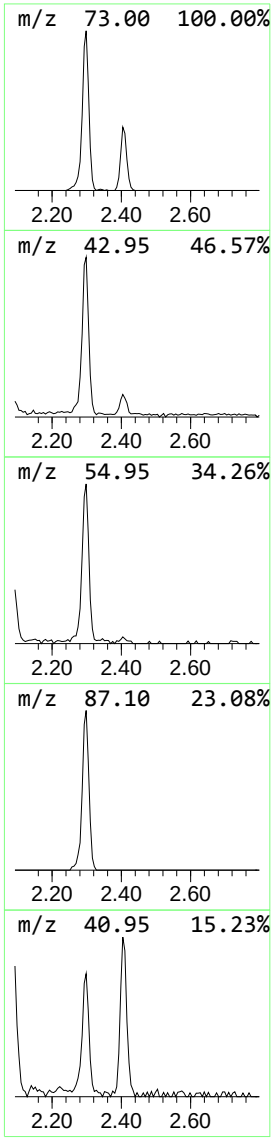
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.298	4.04 ng	255818	1,4-Dichlorobenzene-d4	6.922

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	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





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Data File : BF125074.D
Acq On : 17 Aug 2021 18:10
Operator : JU/CG
Sample : PB138424BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB138424BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

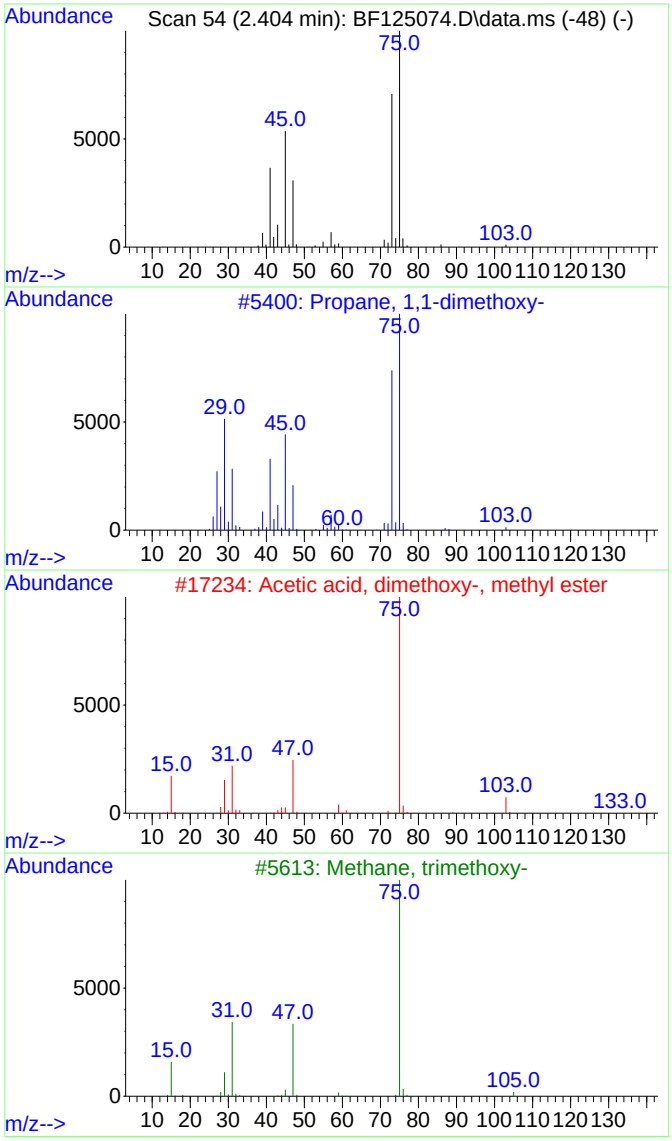
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

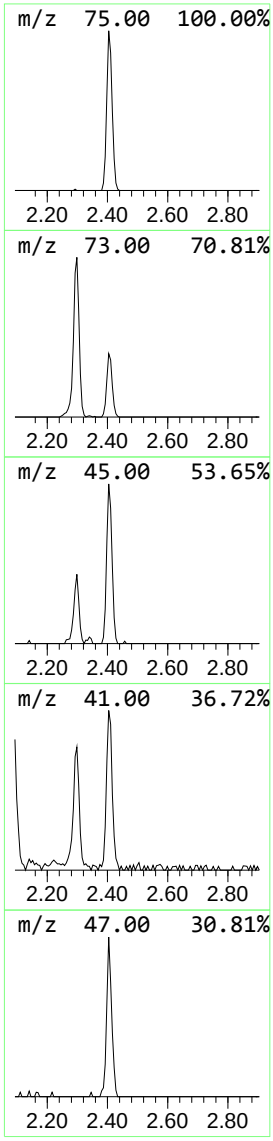
****

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.404	2.64 ng	167069	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	33
3	Methane, trimethoxy-	106	C4H10O3	000149-73-5	33
4	2,5-Diethoxy-3-methyl-3-vinylhexane	214	C13H26O2	1000432-70-8	10
5	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125074.D
Acq On : 17 Aug 2021 18:10
Operator : JU/CG
Sample : PB138424BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138424BL

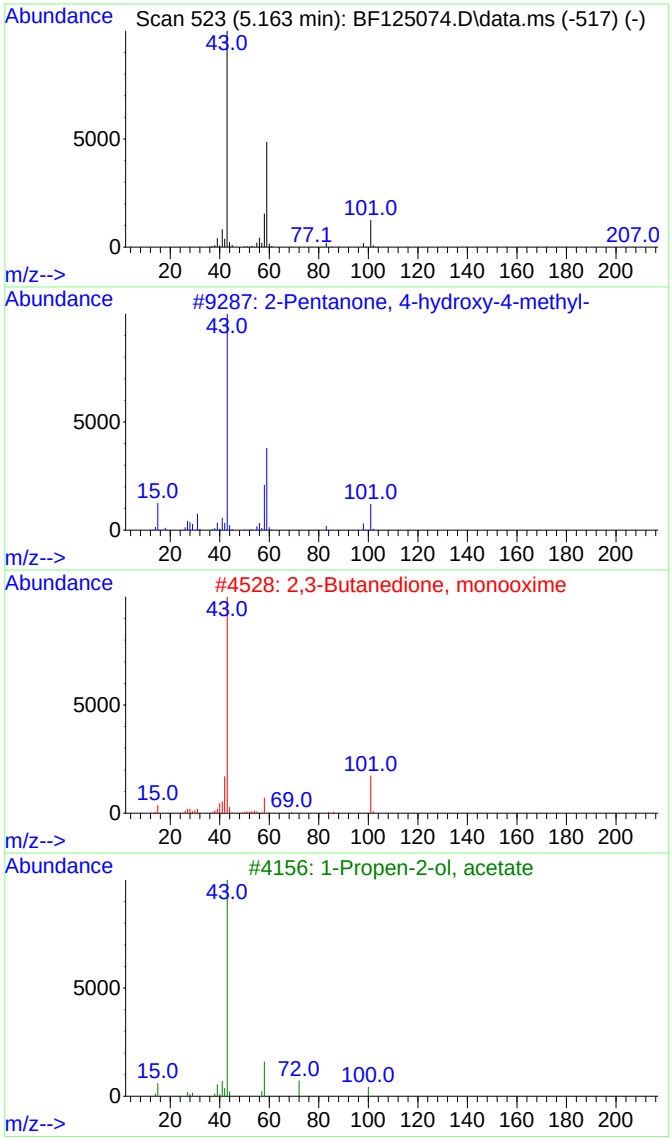
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

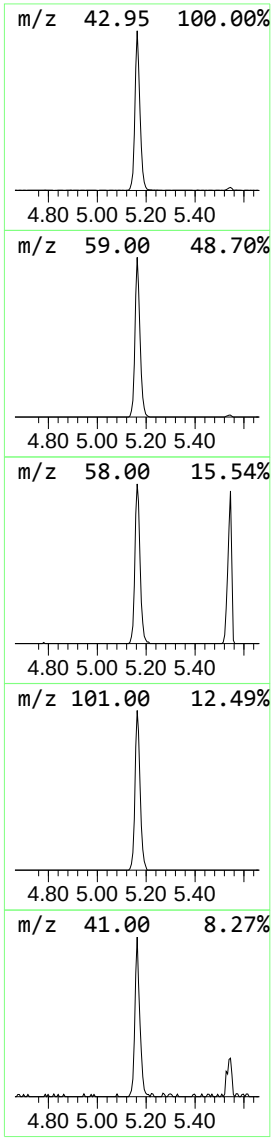
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	13.00 ng	823331	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2-Pentanone, 5-(acetyloxy)-	144	C7H12O3	005185-97-7	9
5	Diacetamide	101	C4H7NO2	000625-77-4	7





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB138424BL

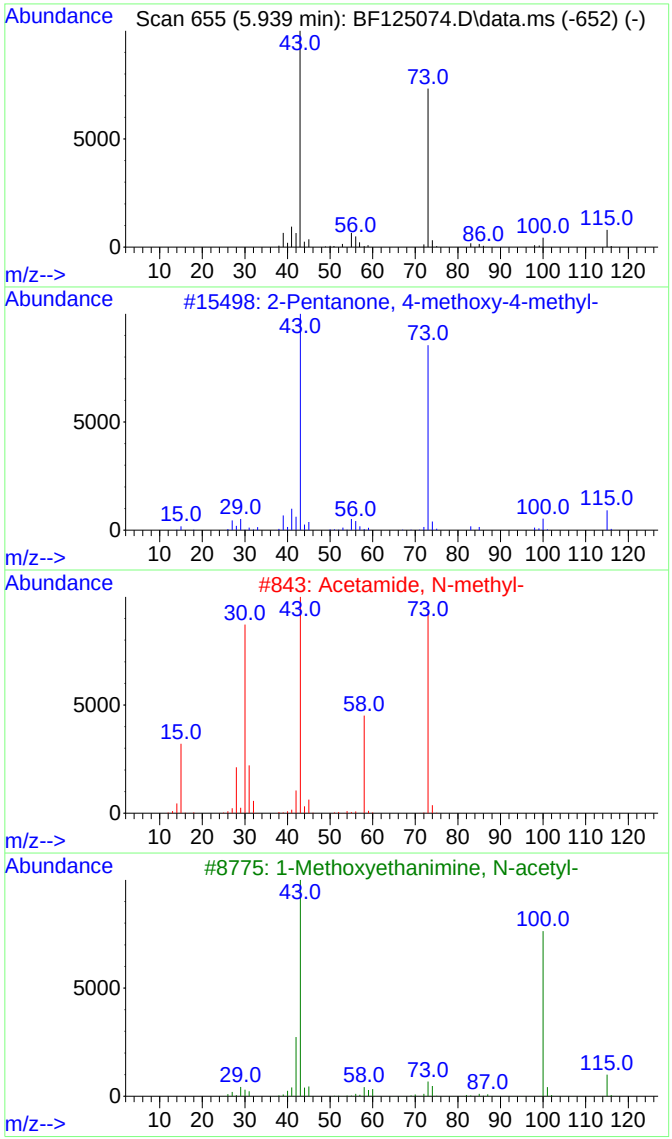
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

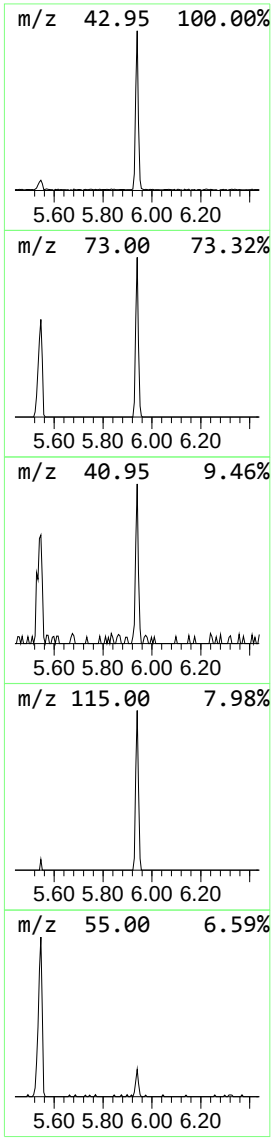
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.939	2.42 ng	153006	1,4-Dichlorobenzene-d4	6.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	12
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
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Sample : PB138424BL
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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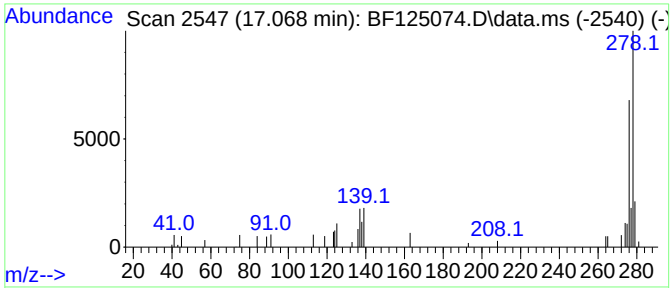
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

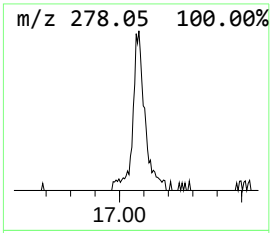
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

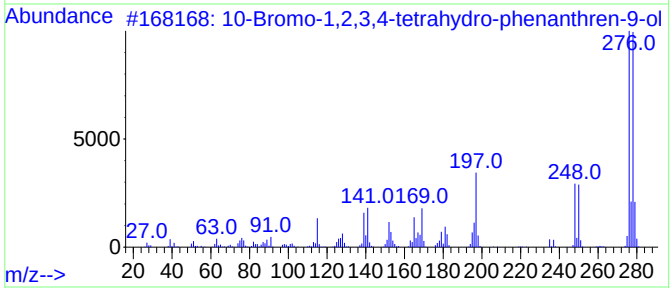
****
Peak Number 5 10-Bromo-1,2,3,4-tetrahydro... Concentration Rank 4

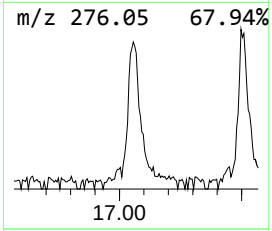
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.068	2.60 ng	81310	Perylene-d12	15.574

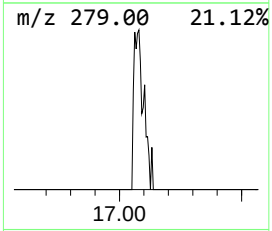
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	72
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	52
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	50
4	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	47
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	47

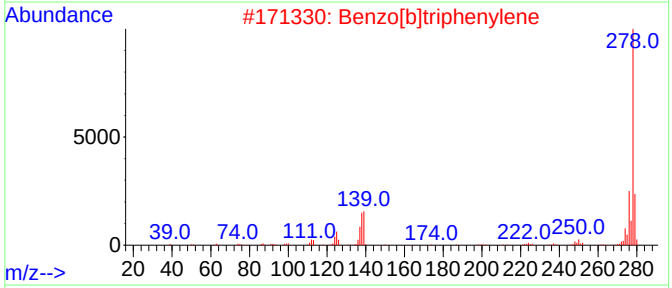


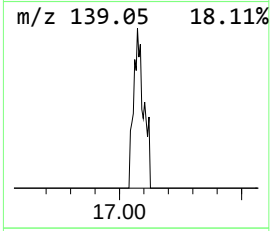


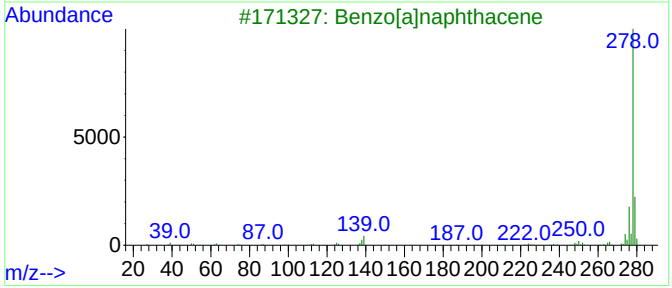


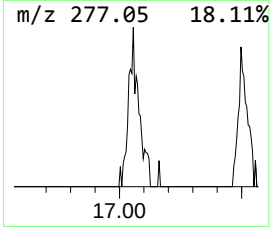












Tentatively Identified Compound (LSC) summary

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Data File : BF125074.D
Acq On : 17 Aug 2021 18:10
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Instrument : BNA_F
ClientSampleId : PB138424BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.298	4.0	ng	255818	1	6.922	1266220	20.0
Propane, 1,1-di...	2.404	2.6	ng	167069	1	6.922	1266220	20.0
2-Pentanone, 4-...	5.163	13.0	ng	823331	1	6.922	1266220	20.0
2-Pentanone, 4-...	5.939	2.4	ng	153006	1	6.922	1266220	20.0
10-Bromo-1,2,3,...	17.068	2.6	ng	81310	6	15.574	625182	20.0