LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025647.D
Acq On : 02 Sep 2025 21:03
Operator : CG/JU
Sample : Q2989-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-6

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_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025647.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.025	11	15	21	rBV	907924	1188794	19.07%	3.478%
2	3.567	103	107	115	rBV	39753	67074	1.08%	0.196%
3	4.931	333	339	348	rBV	223023	337453	5.41%	0.987%
4	5.402	412	419	437	rBV	1691855	2669328	42.81%	7.810%
5	6.961	677	684	701	rBV	1493539	2625865	42.11%	7.683%
6	7.772	814	822	829	rBV	561088	925437	14.84%	2.708%
7	8.913	1009	1016	1031	rBV	1035932	1788524	28.69%	5.233%
8	10.543	1284	1293	1306	rBV	677664	1221211	19.59%	3.573%
9	12.990	1702	1709	1726	rBV	2185372	3765036	60.39%	11.016%
10	14.384	1939	1946	1962	rBV	979707	1606396	25.76%	4.700%
11	15.766	2173	2181	2192	rBV	334460	564117	9.05%	1.650%
12	15.895	2197	2203	2216	rBV	2124899	3312387	53.13%	9.691%
13	16.337	2274	2278	2288	rVB2	71255	110145	1.77%	0.322%
14	17.184	2415	2422	2436	rBV2	1202228	1953195	31.33%	5.715%
15	18.119	2576	2581	2591	rBV	302044	492132	7.89%	1.440%
16	19.448	2803	2807	2815	rBV5	67345	126981	2.04%	0.372%
17	19.907	2878	2885	2901	rBV	4220476	6235021	100.00%	18.242%
18	21.295	3117	3121	3130	rVB2	244640	388815	6.24%	1.138%
19	21.636	3173	3179	3185	rBV	1489859	2304723	36.96%	6.743%
20	25.001	3743	3751	3768	rVB	860676	2496578	40.04%	7.304%

Sum of corrected areas: 34179212

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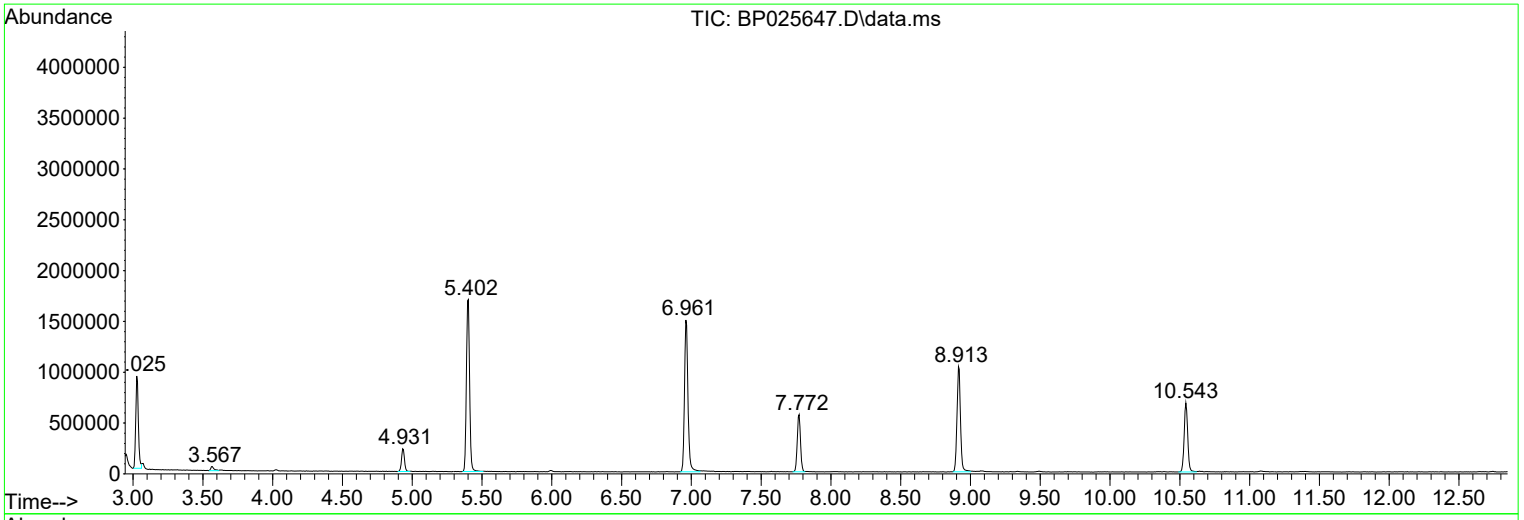
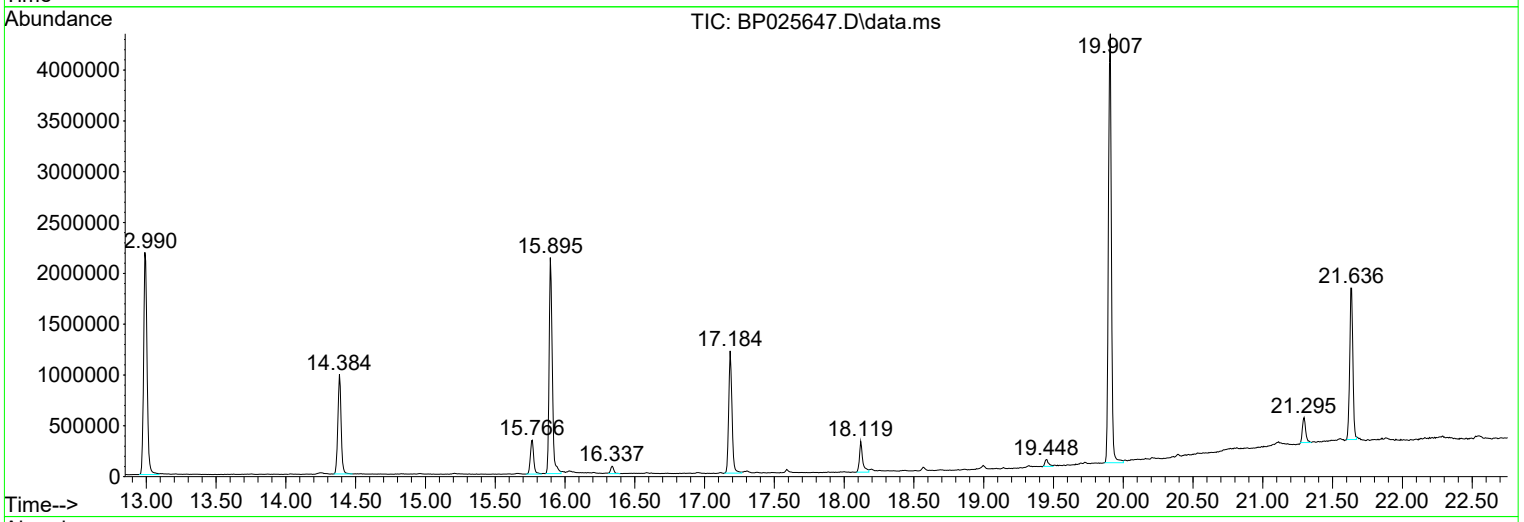
Misc :
ALS Vial : 11 Sample Multiplier: 1

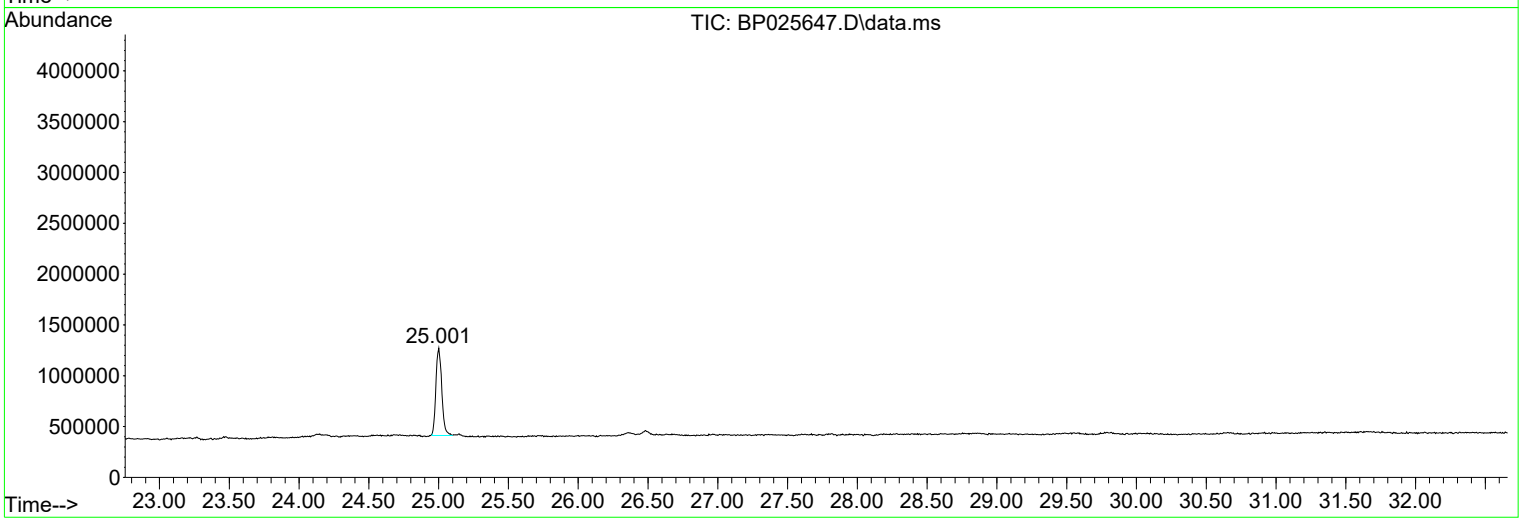
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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

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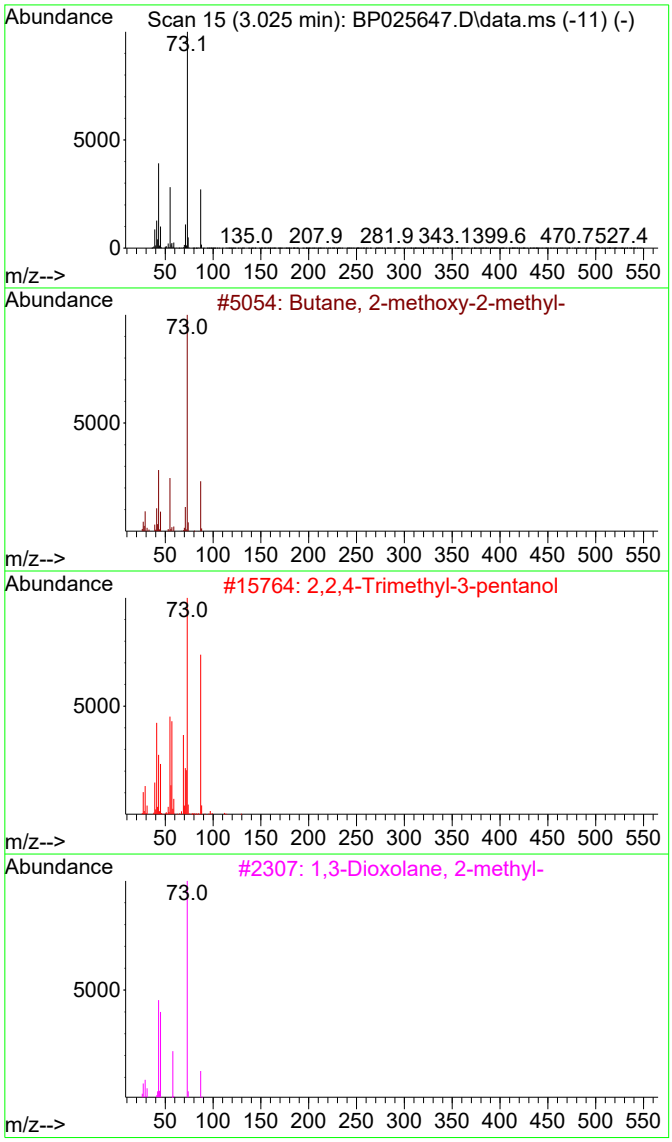
TIC Integration Parameters: LSCINT.P

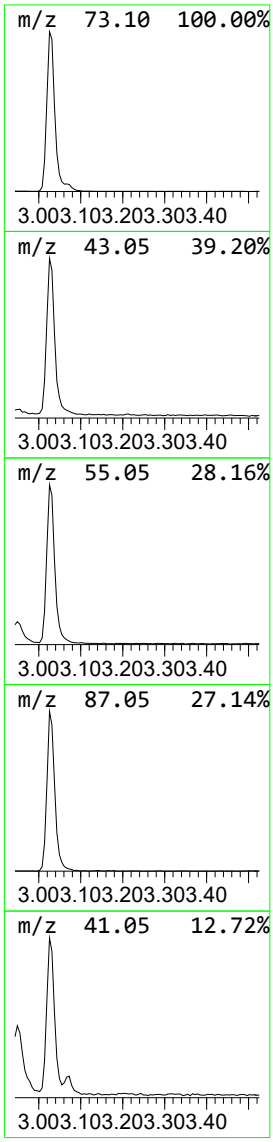
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.025	25.69 ng	1188790	1,4-Dichlorobenzene-d4	7.772

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





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Operator : CG/JU
Sample : Q2989-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOUTH-TP-6

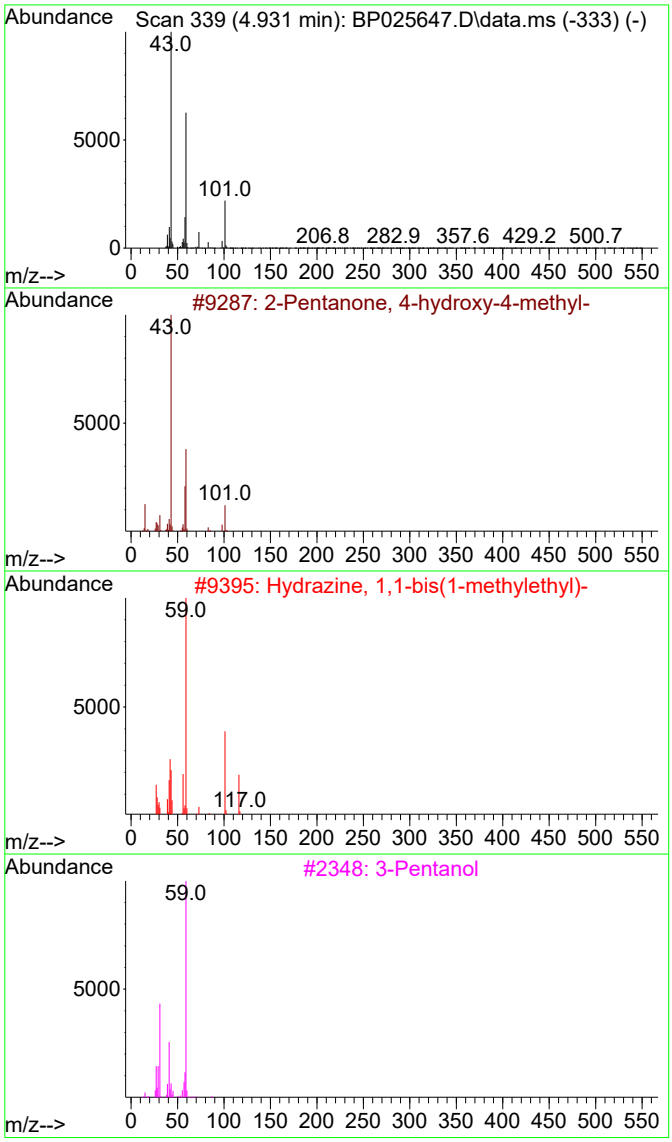
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

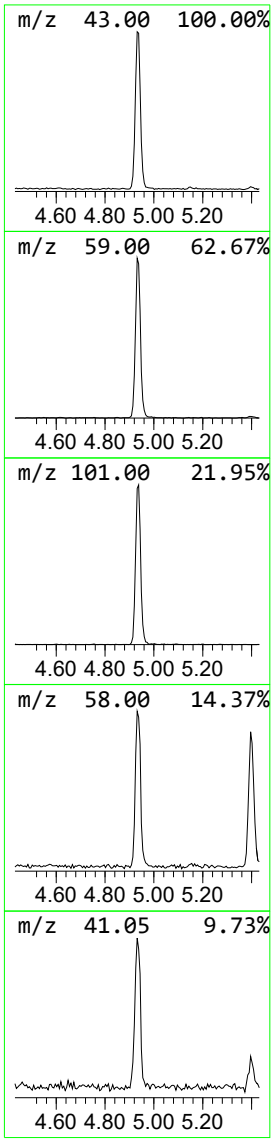
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.931	7.29 ng	337453	1,4-Dichlorobenzene-d4	7.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
3	3-Pentanol	88	C5H12O	000584-02-1	37
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025647.D
Acq On : 02 Sep 2025 21:03
Operator : CG/JU
Sample : Q2989-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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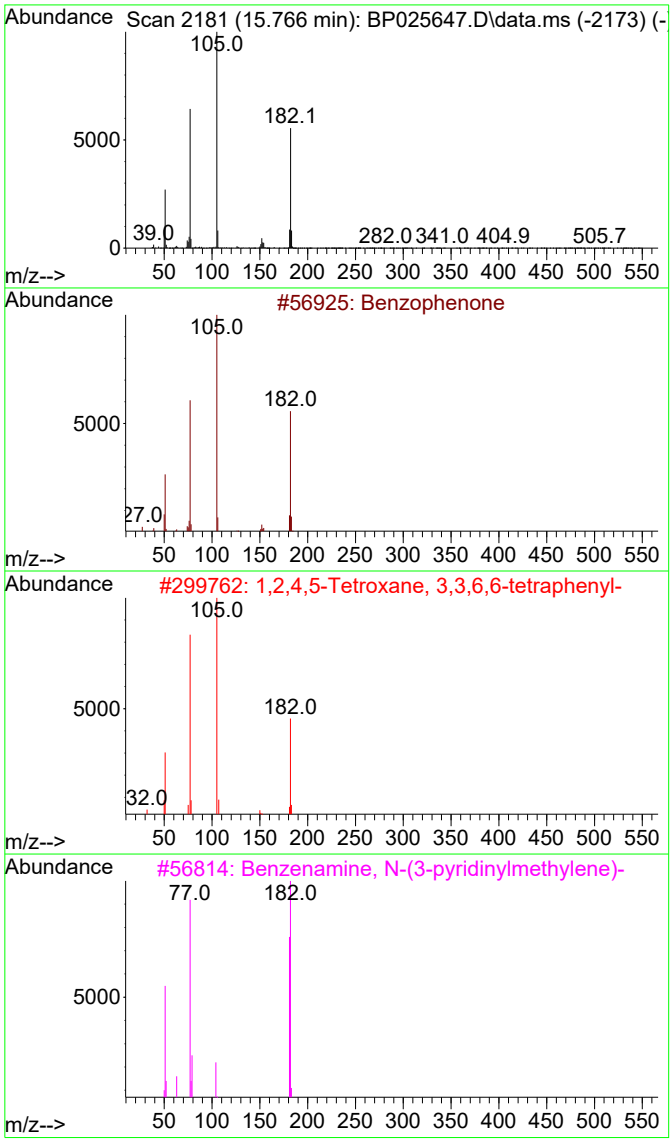
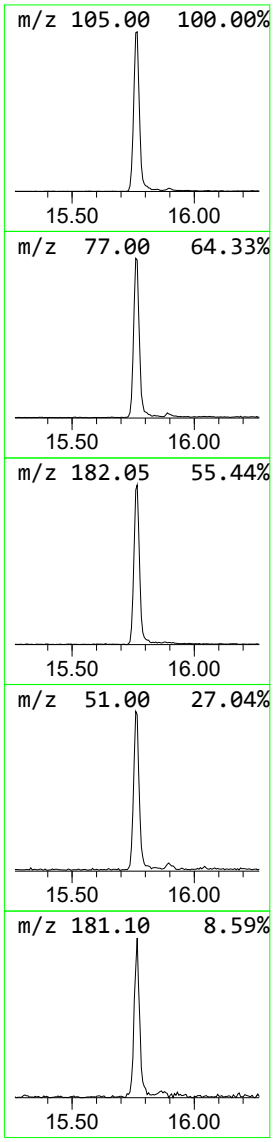
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	7.02 ng	564117	Acenaphthene-d10	14.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	59
4	Azobenzene	182	C12H10N2	000103-33-3	58
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56





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Data File : BP025647.D
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Operator : CG/JU
Sample : Q2989-03
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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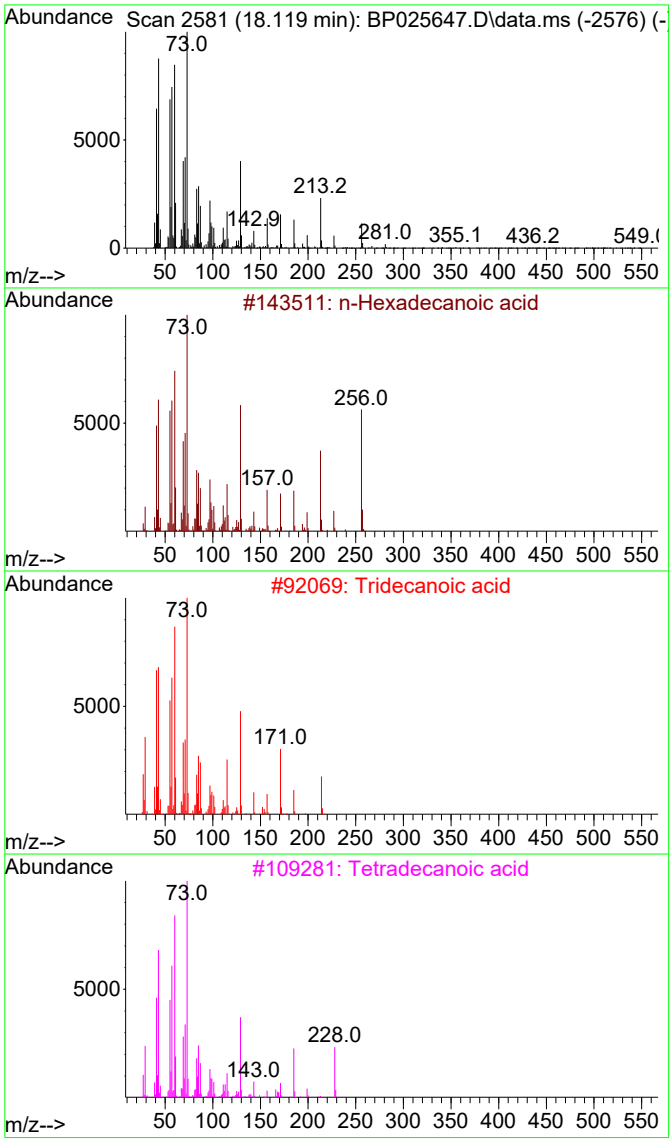
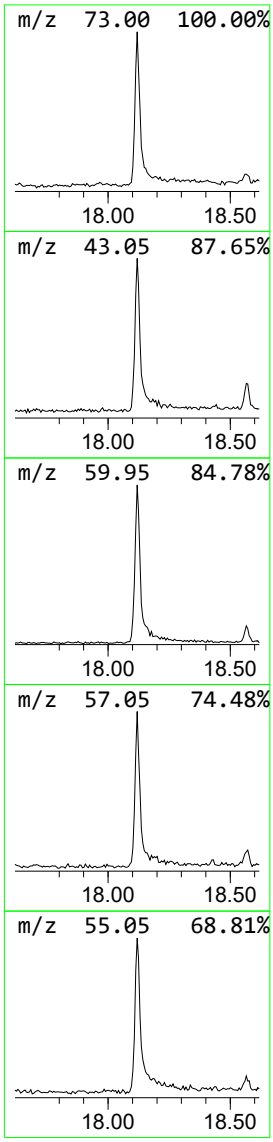
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	5.04 ng	492132	Phenanthrene-d10	17.184

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Operator : CG/JU
Sample : Q2989-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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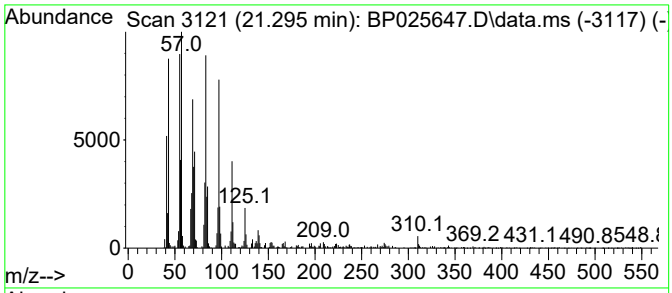
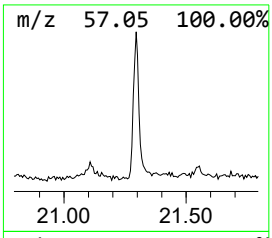
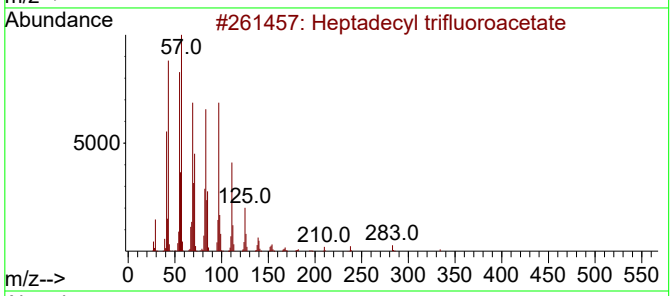
Peak Number 5 Heptadecyl trifluoroacetate Concentration Rank 5

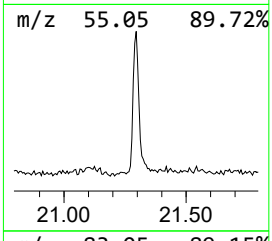
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.295	3.37 ng	388815	Chrysene-d12	21.636

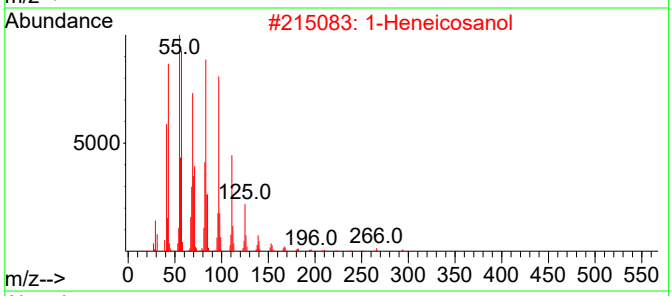
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93

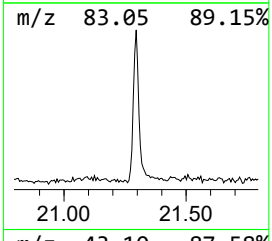


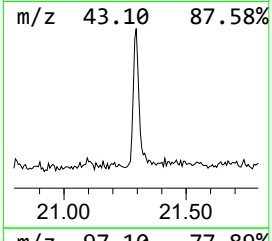


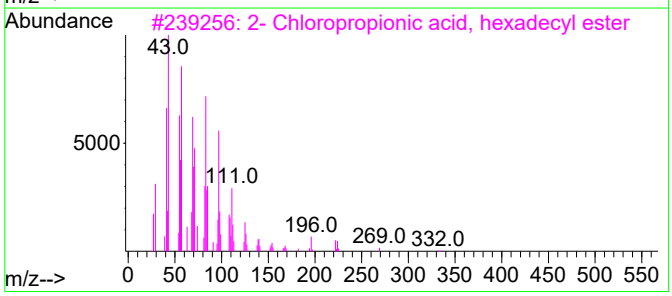


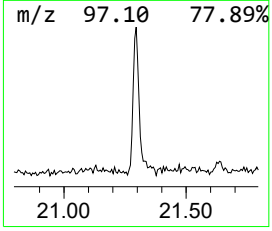












Tentatively Identified Compound (LSC) summary

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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...	3.025	25.7	ng	1188790	1	7.772	925437	20.0
2-Pentanone, 4-...	4.931	7.3	ng	337453	1	7.772	925437	20.0
Benzophenone	15.766	7.0	ng	564117	3	14.384	1606400	20.0
n-Hexadecanoic ...	18.119	5.0	ng	492132	4	17.184	1953200	20.0
Heptadecyl trif...	21.295	3.4	ng	388815	5	21.636	2304720	20.0