LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143609.D
Acq On : 28 Aug 2025 14:47
Operator : RC/JU
Sample : Q2954-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

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-BF082625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.305	13	19	29	rBV	39701	65457	1.97%	0.294%
2	5.122	487	498	508	rVB	428031	730085	21.97%	3.274%
3	5.510	557	564	569	rBV	2162739	3038010	91.42%	13.625%
4	5.910	627	632	637	rVB	36722	44530	1.34%	0.200%
5	6.510	727	734	739	rBV	2046610	3078916	92.65%	13.808%
6	6.892	793	799	804	rVB	494017	611894	18.41%	2.744%
7	7.451	887	894	899	rBV	1365019	1846208	55.56%	8.280%
8	7.698	932	936	941	rVB	29714	35928	1.08%	0.161%
9	8.169	1011	1016	1021	rBV	644581	819646	24.67%	3.676%
10	8.386	1048	1053	1057	rVB	30264	38005	1.14%	0.170%
11	9.245	1193	1199	1204	rBV	2533911	3323005	100.00%	14.903%
12	9.928	1309	1315	1320	rVB	724334	921628	27.73%	4.133%
13	10.639	1431	1436	1442	rBV	280434	340750	10.25%	1.528%
14	10.710	1442	1448	1459	rBV	1540693	2131893	64.16%	9.561%
15	11.410	1562	1567	1572	rBV	706224	869487	26.17%	3.899%
16	11.939	1650	1657	1680	rBV2	287553	482126	14.51%	2.162%
17	12.721	1785	1790	1799	rBV	25669	42763	1.29%	0.192%
18	12.998	1831	1837	1842	rBV	2092649	2692271	81.02%	12.074%
19	13.921	1987	1994	2008	rBV	46321	129756	3.90%	0.582%
20	14.045	2010	2015	2024	rVB	346870	443689	13.35%	1.990%
21	14.910	2157	2162	2169	rBV	71610	100475	3.02%	0.451%
22	15.521	2260	2266	2280	rBV	329942	511536	15.39%	2.294%

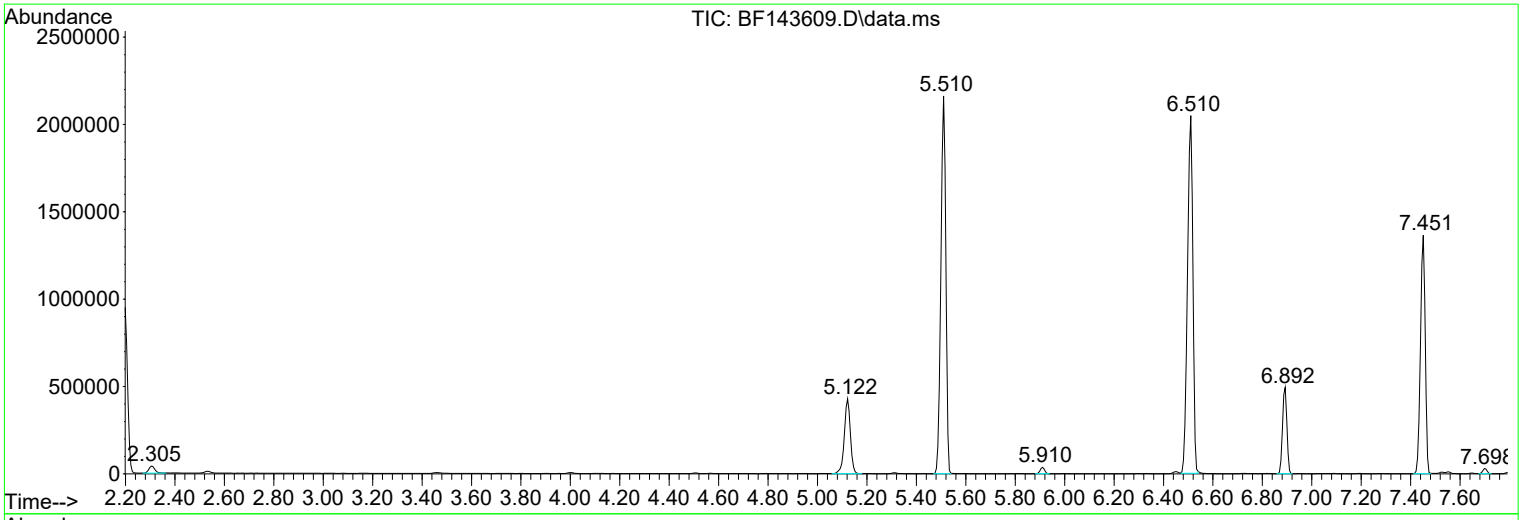
Sum of corrected areas: 22298058

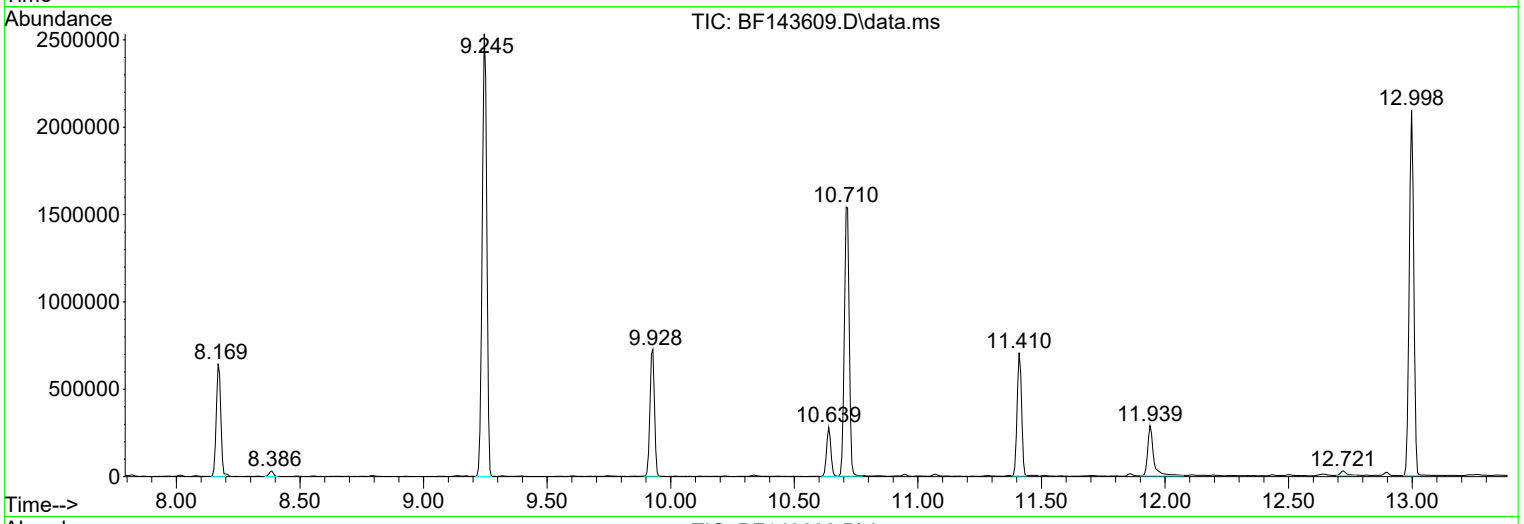
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143609.D
Acq On : 28 Aug 2025 14:47
Operator : RC/JU
Sample : Q2954-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

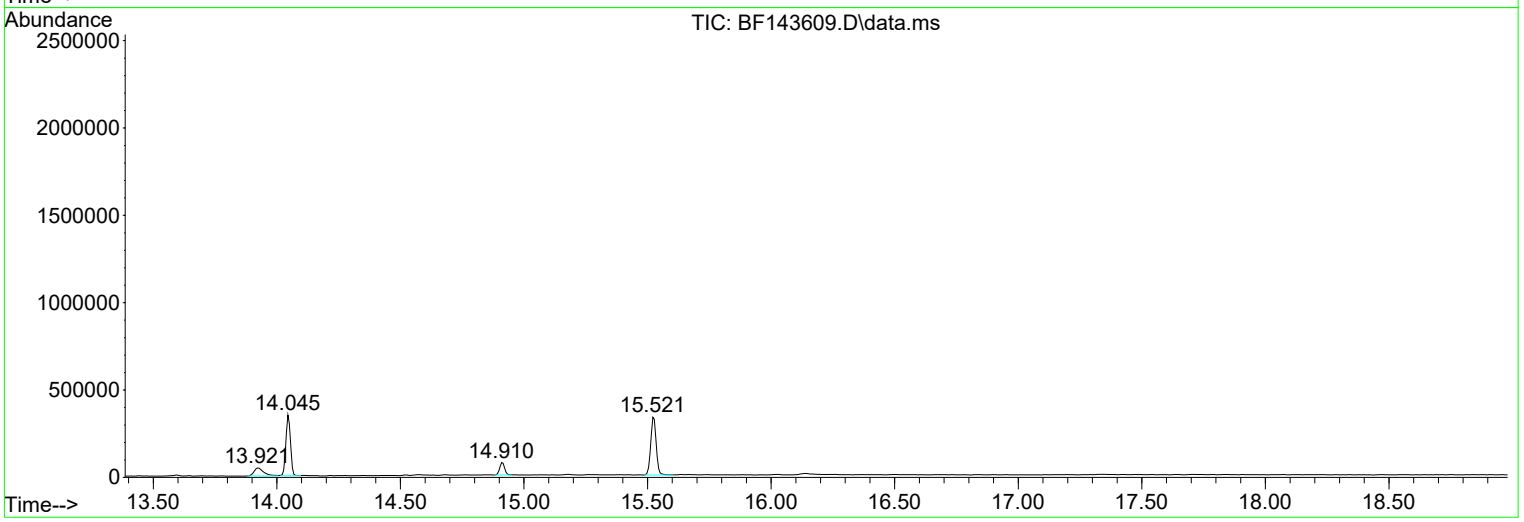
Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.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\BF082825\
Data File : BF143609.D
Acq On : 28 Aug 2025 14:47
Operator : RC/JU
Sample : Q2954-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

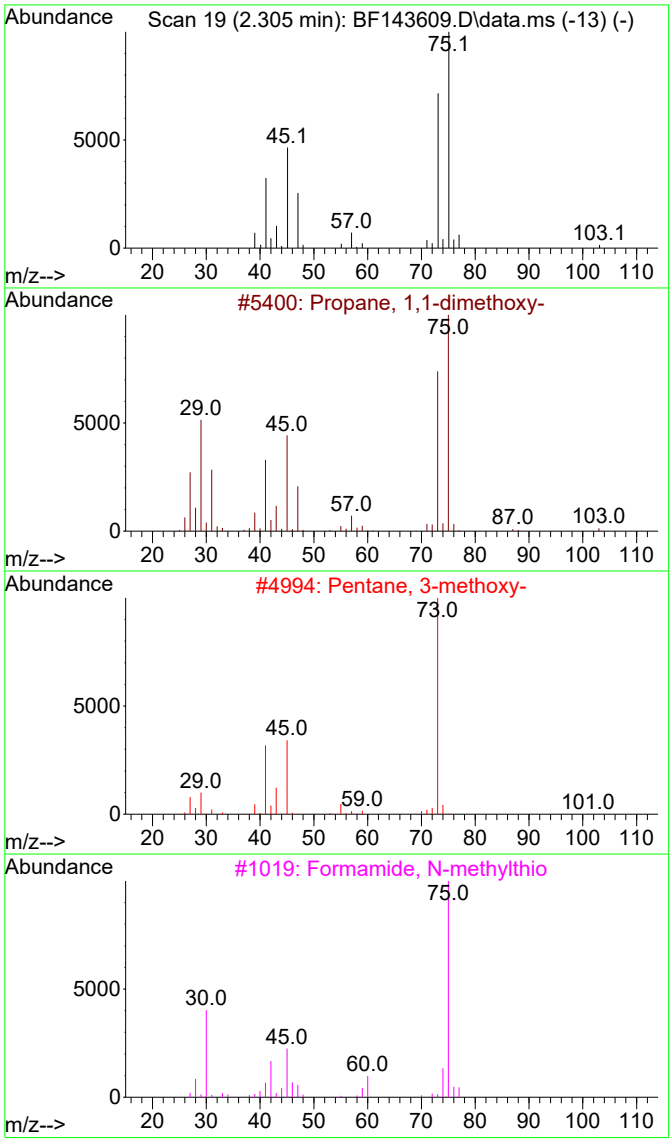
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

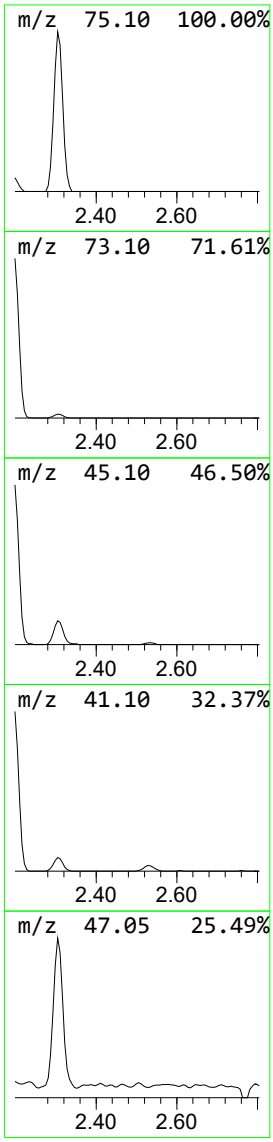
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.305	2.14 ng	65457	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	14
3	Formamide, N-methylthio	75	C2H5NS	018952-41-5	9
4	2,5-Diethoxy-3-methyl-3-vinylhexane	214	C13H26O2	1000432-70-8	9
5	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143609.D
Acq On : 28 Aug 2025 14:47
Operator : RC/JU
Sample : Q2954-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

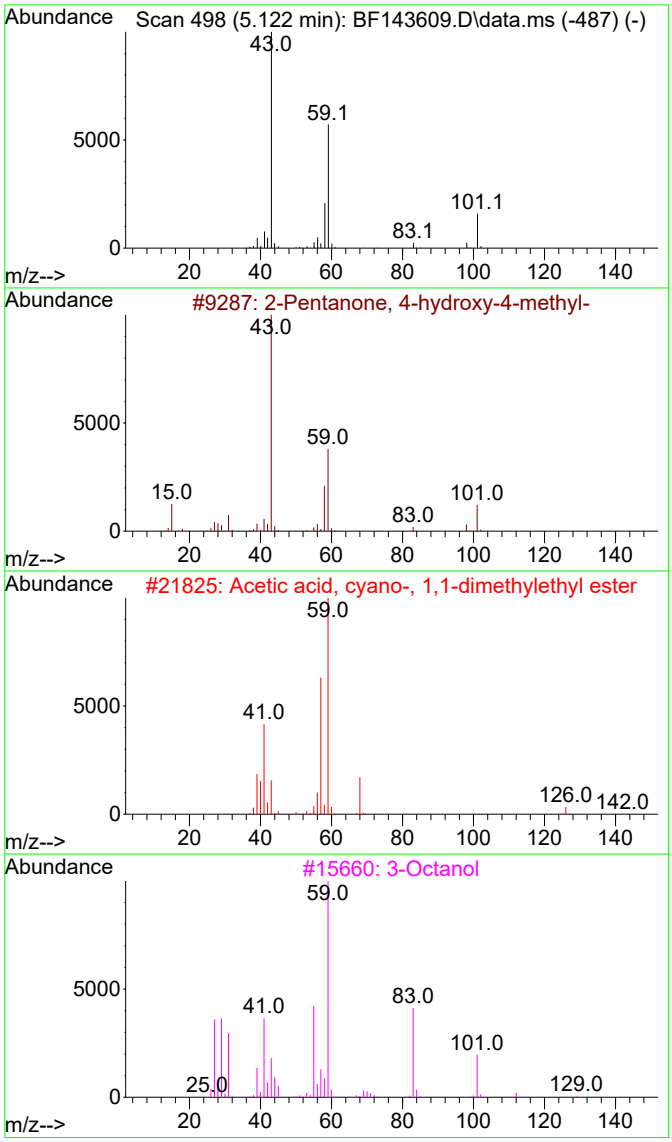
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

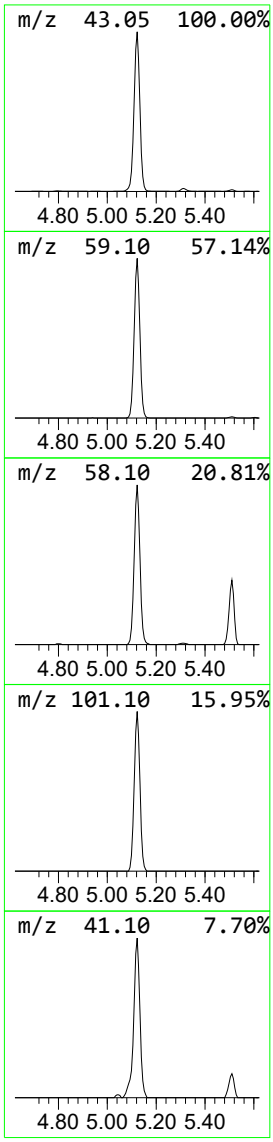
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	23.86 ng	730085	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	3-Octanol	130	C8H18O	000589-98-0	28
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143609.D
Acq On : 28 Aug 2025 14:47
Operator : RC/JU
Sample : Q2954-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

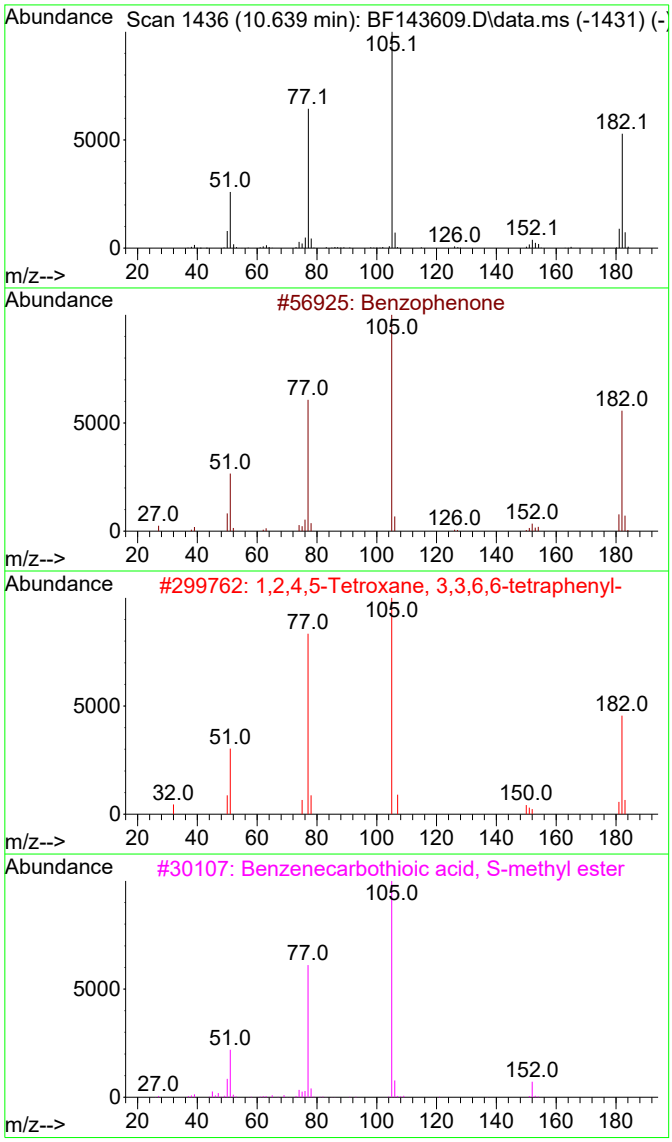
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

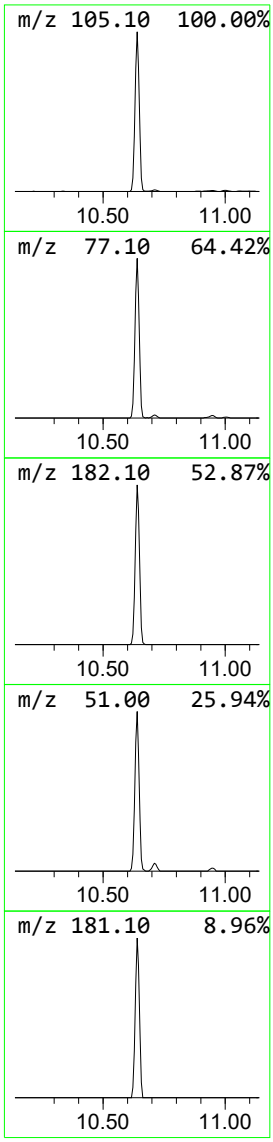
****

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	7.39 ng	340750	Acenaphthene-d10	9.928

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	78
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143609.D
Acq On : 28 Aug 2025 14:47
Operator : RC/JU
Sample : Q2954-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

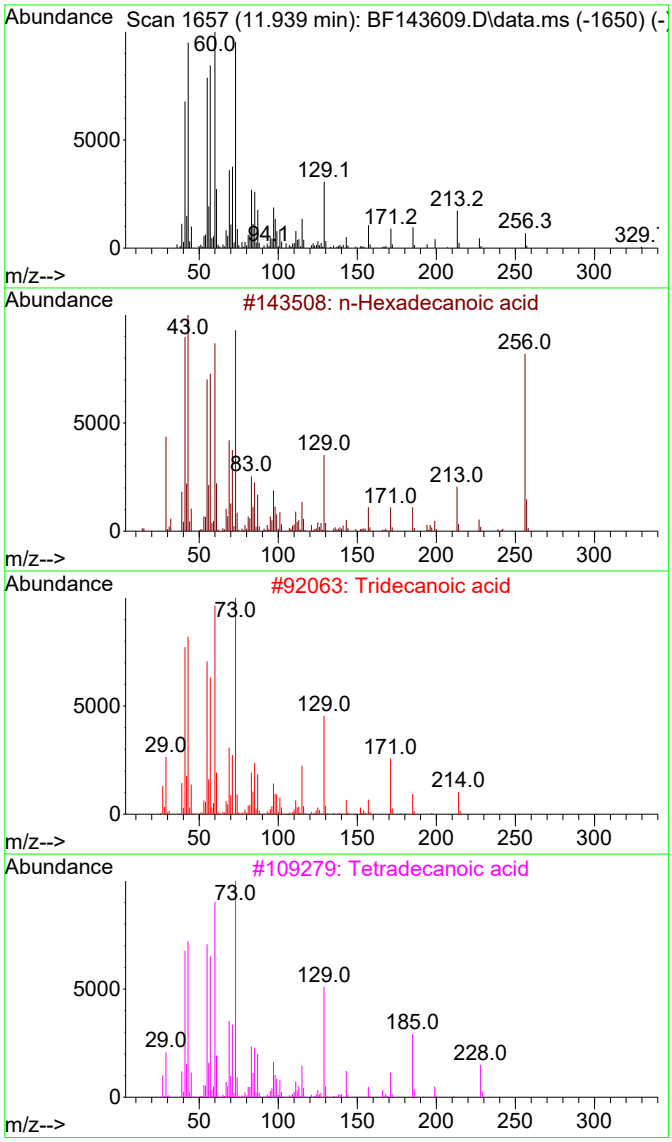
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

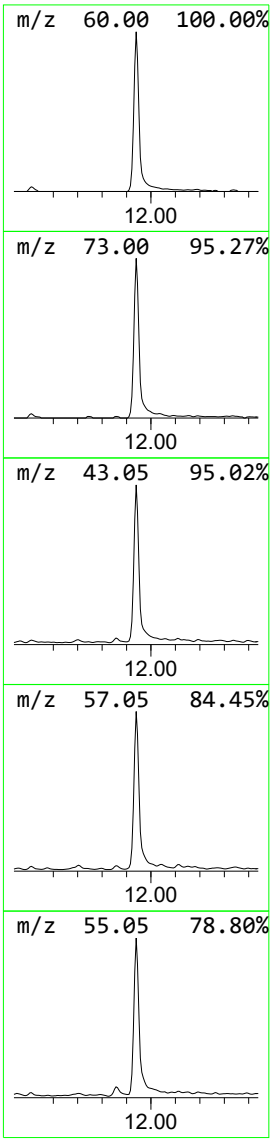
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	11.09 ng	482126	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143609.D
Acq On : 28 Aug 2025 14:47
Operator : RC/JU
Sample : Q2954-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

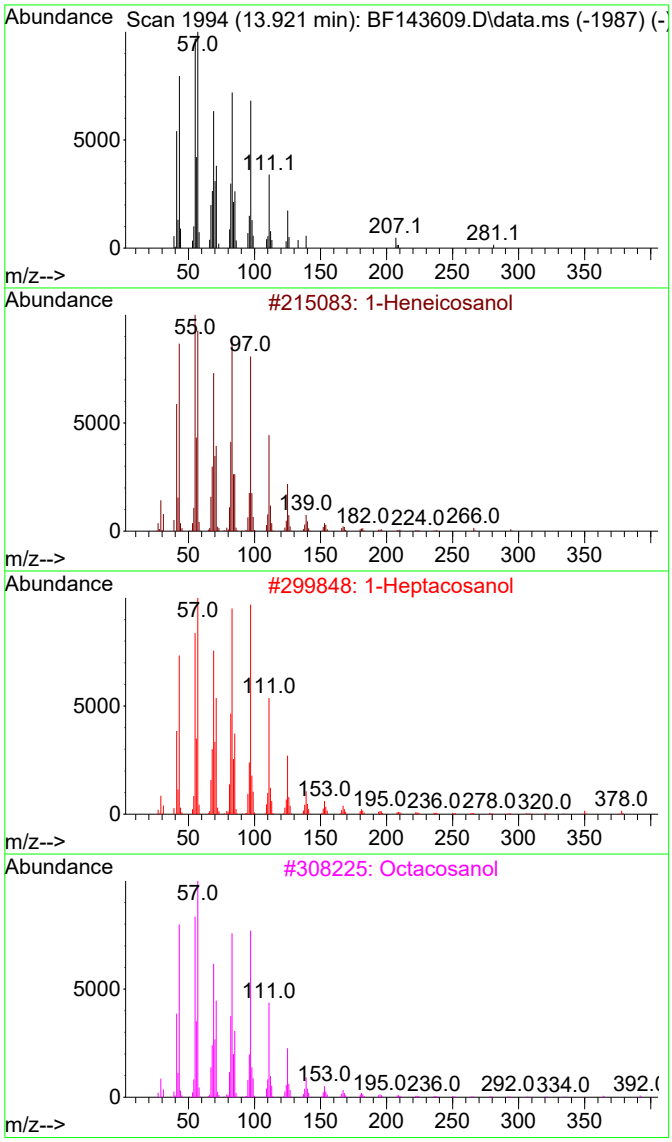
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

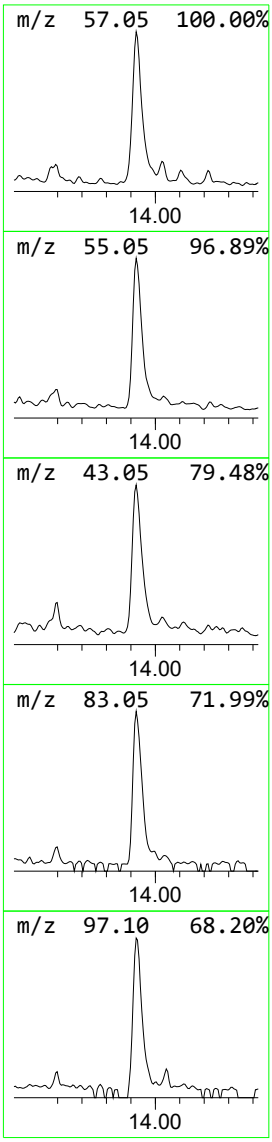
****

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	5.85 ng	129756	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Octacosanol	410	C28H58O	000557-61-9	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143609.D
Acq On : 28 Aug 2025 14:47
Operator : RC/JU
Sample : Q2954-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

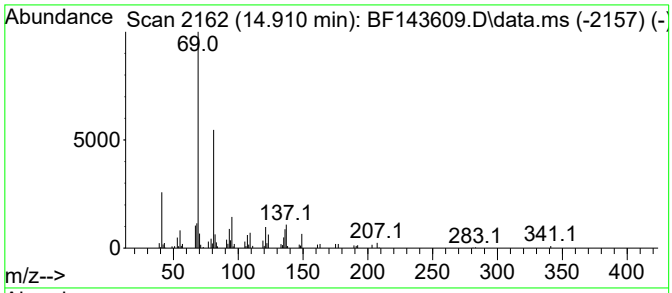
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

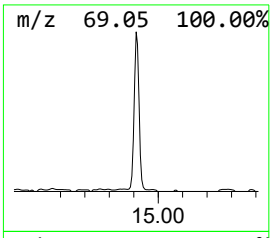
****

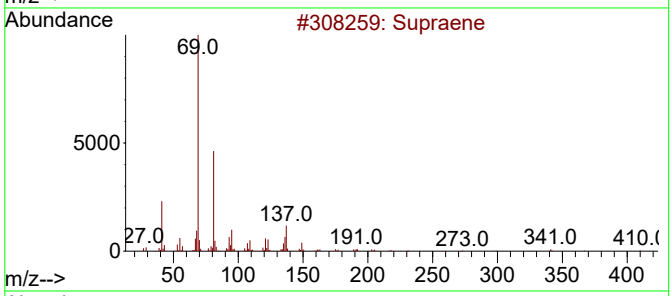
Peak Number 6 Supraene Concentration Rank 5

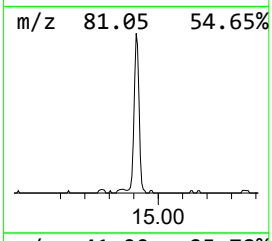
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	3.93 ng	100475	Perylene-d12	15.521

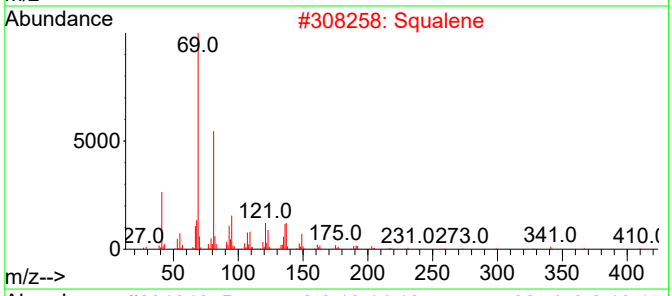
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
5	(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	72

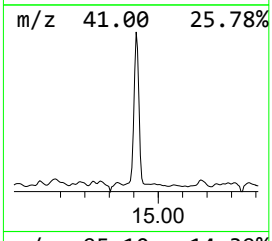


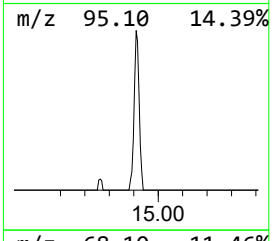


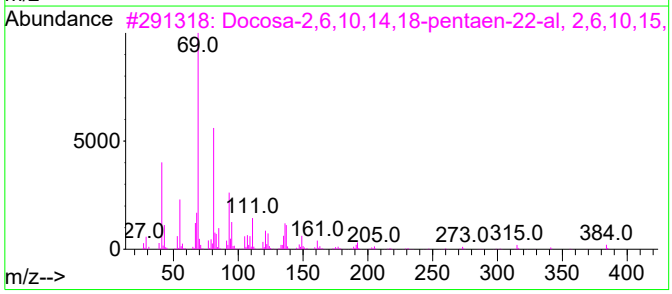


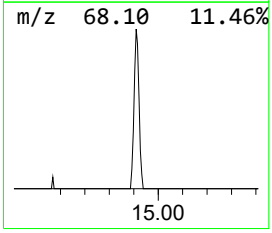












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143609.D
Acq On : 28 Aug 2025 14:47
Operator : RC/JU
Sample : Q2954-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-NORTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.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
Propane, 1,1-di...	2.305	2.1	ng	65457	1	6.892	611894	20.0
2-Pentanone, 4-...	5.122	23.9	ng	730085	1	6.892	611894	20.0
Benzophenone	10.639	7.4	ng	340750	3	9.928	921628	20.0
n-Hexadecanoic ...	11.939	11.1	ng	482126	4	11.410	869487	20.0
1-Heneicosanol	13.921	5.8	ng	129756	5	14.045	443689	20.0
Supraene	14.910	3.9	ng	100475	6	15.521	511536	20.0