LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

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: BP025477.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	13	17	33	rVB	3386410	4543674	31.24%	7.333%
2	4.943	335	341	350	rBV2	230644	334981	2.30%	0.541%
3	5.408	413	420	431	rBV	2221527	3260067	22.41%	5.261%
4	6.966	677	685	698	rBV	1510120	2466690	16.96%	3.981%
5	7.790	818	825	833	rBV	652887	1004923	6.91%	1.622%
6	8.931	1006	1019	1035	rBV	2081466	3857461	26.52%	6.225%
7	10.554	1288	1295	1309	rBV	788625	1393902	9.58%	2.250%
8	13.013	1704	1713	1730	rBV	5418955	8677831	59.66%	14.005%
9	14.401	1941	1949	1957	rBV	1312096	1999396	13.75%	3.227%
10	15.784	2176	2184	2193	rBV	214661	366995	2.52%	0.592%
11	15.919	2198	2207	2227	rBV	4948747	7698942	52.93%	12.425%
12	17.207	2417	2426	2432	rBV	1772036	2528033	17.38%	4.080%
13	18.007	2558	2562	2579	rBV	205274	335713	2.31%	0.542%
14	18.142	2579	2585	2595	rBV	841679	1294193	8.90%	2.089%
15	19.460	2805	2809	2818	rBV2	150948	229210	1.58%	0.370%
16	19.913	2880	2886	2898	rBV	9460131	14546042	100.00%	23.476%
17	21.313	3120	3124	3132	rBV2	314829	504591	3.47%	0.814%
18	21.642	3174	3180	3189	rBV2	1683292	2920982	20.08%	4.714%
19	23.495	3489	3495	3507	rVB	408531	884041	6.08%	1.427%
20	25.012	3744	3753	3766	rVB2	1212911	3114613	21.41%	5.027%

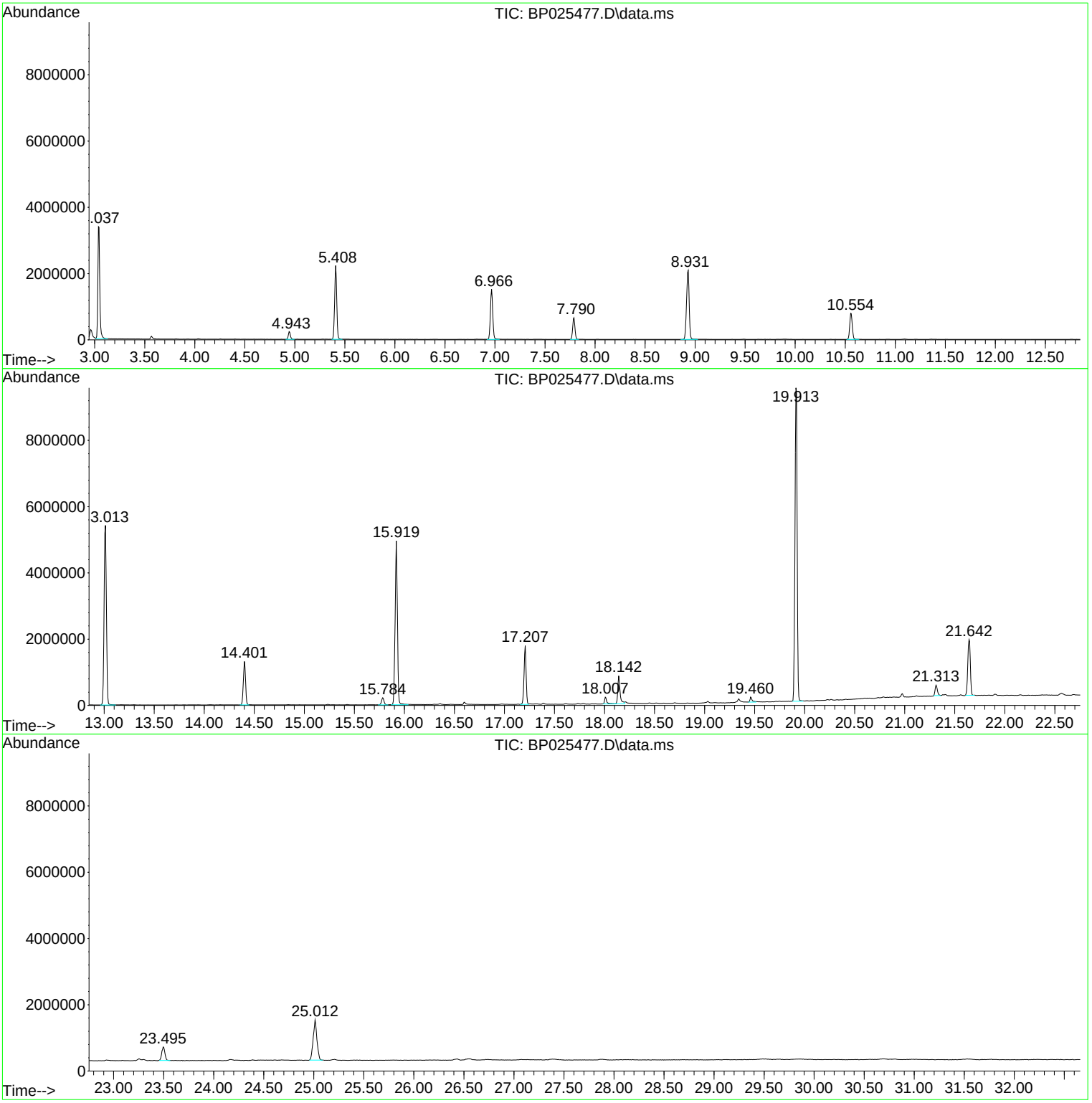
Sum of corrected areas: 61962280

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

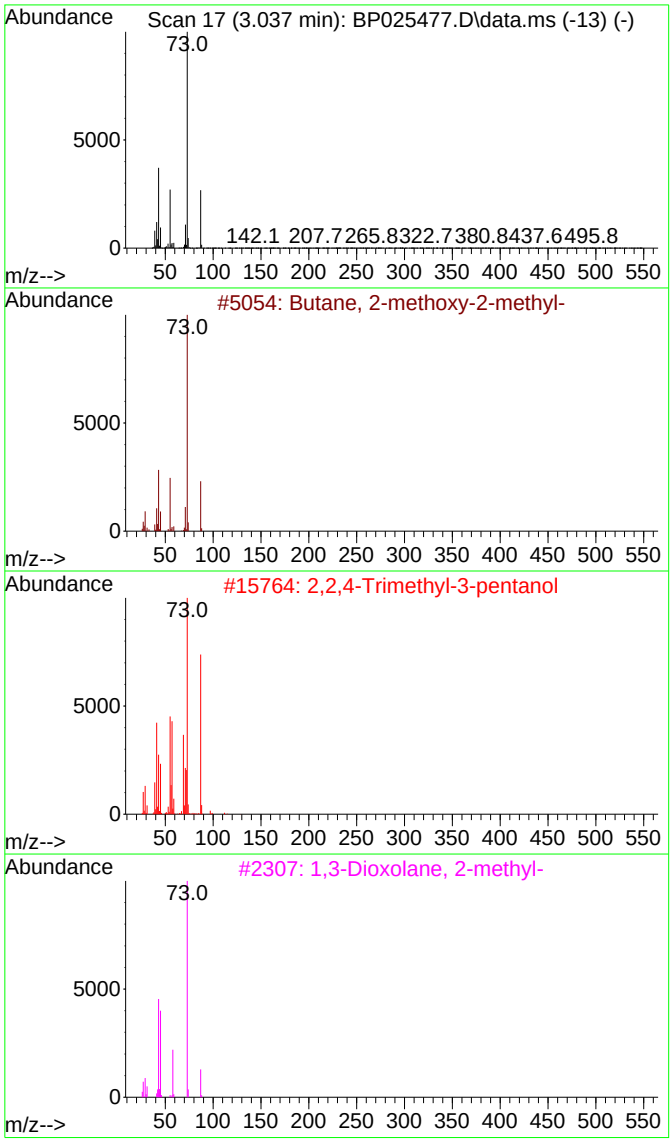
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

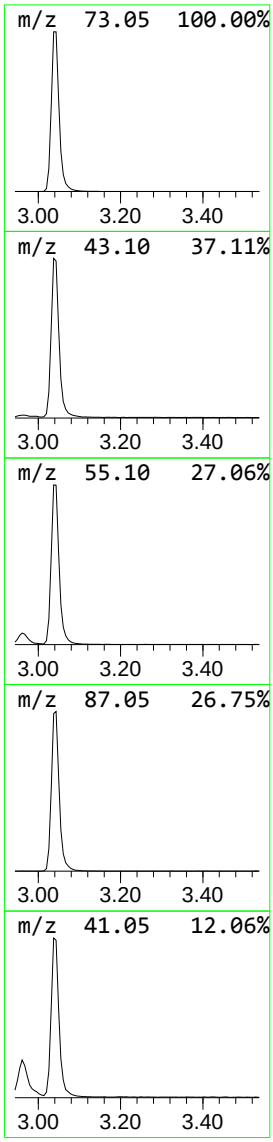
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	90.43 ng	4543670	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

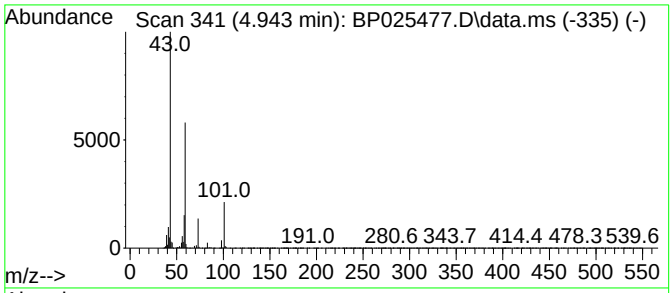
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

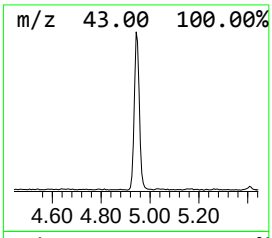
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

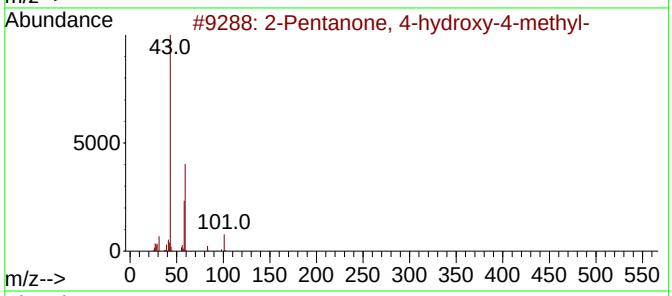
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

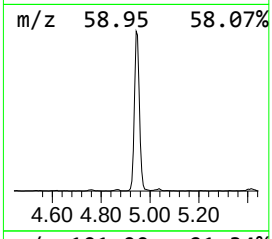
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	6.67 ng	334981	1,4-Dichlorobenzene-d4	7.790

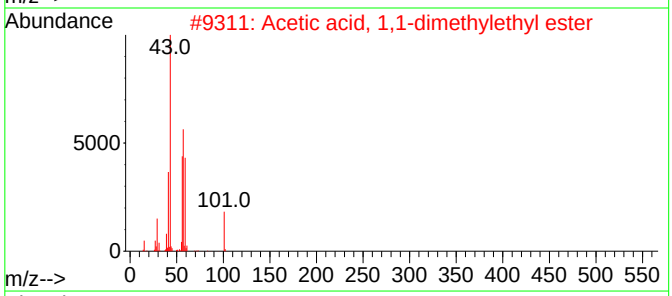
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	32
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	27
5	3-Hexanol	102	C6H14O	000623-37-0	25

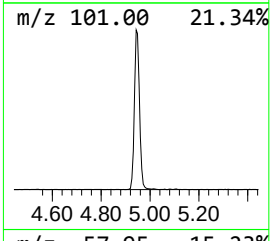


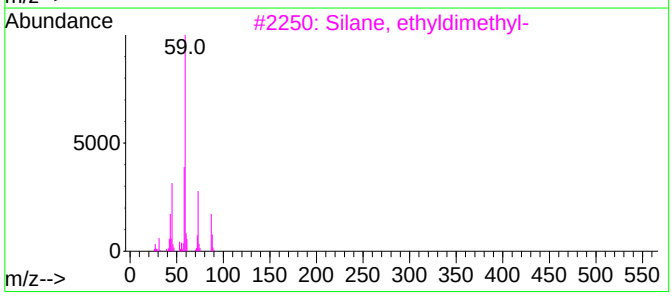


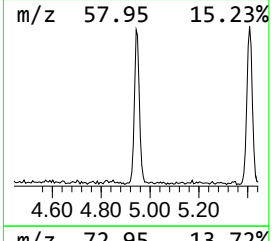


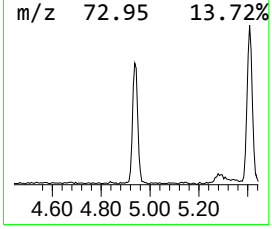












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

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

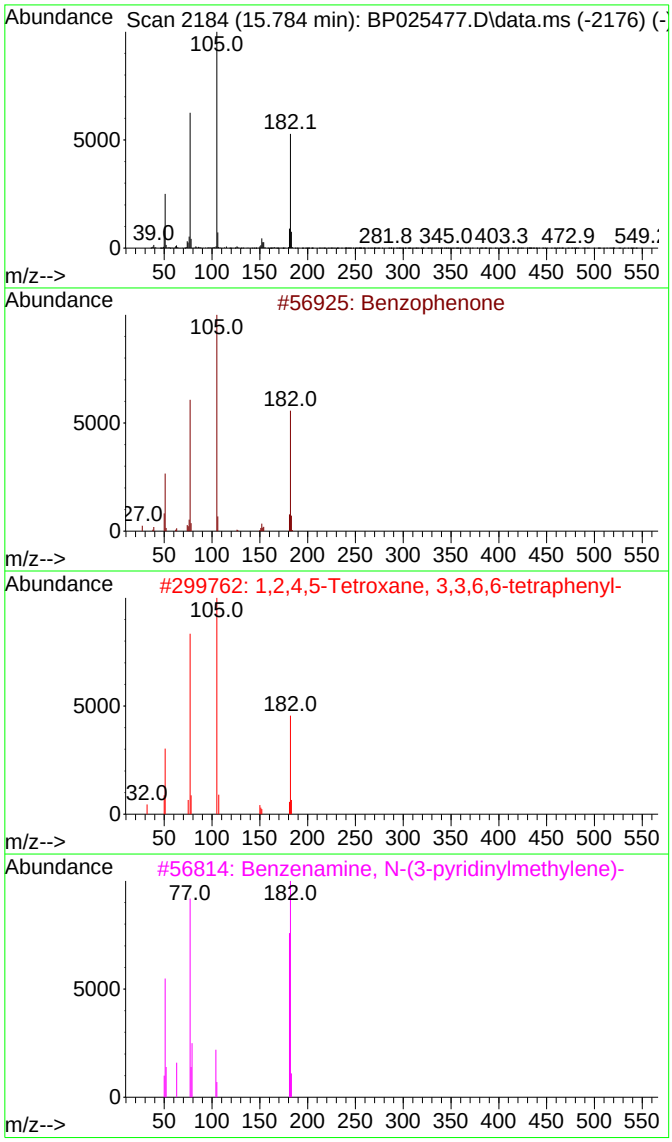
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

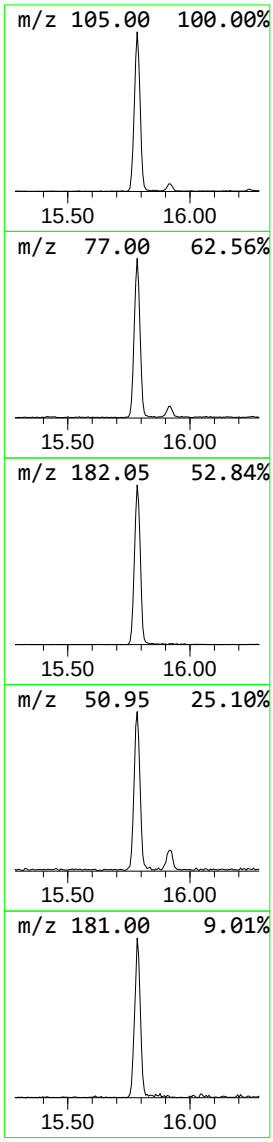
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.784	3.67 ng	366995	Acenaphthene-d10	14.401

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	53
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

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

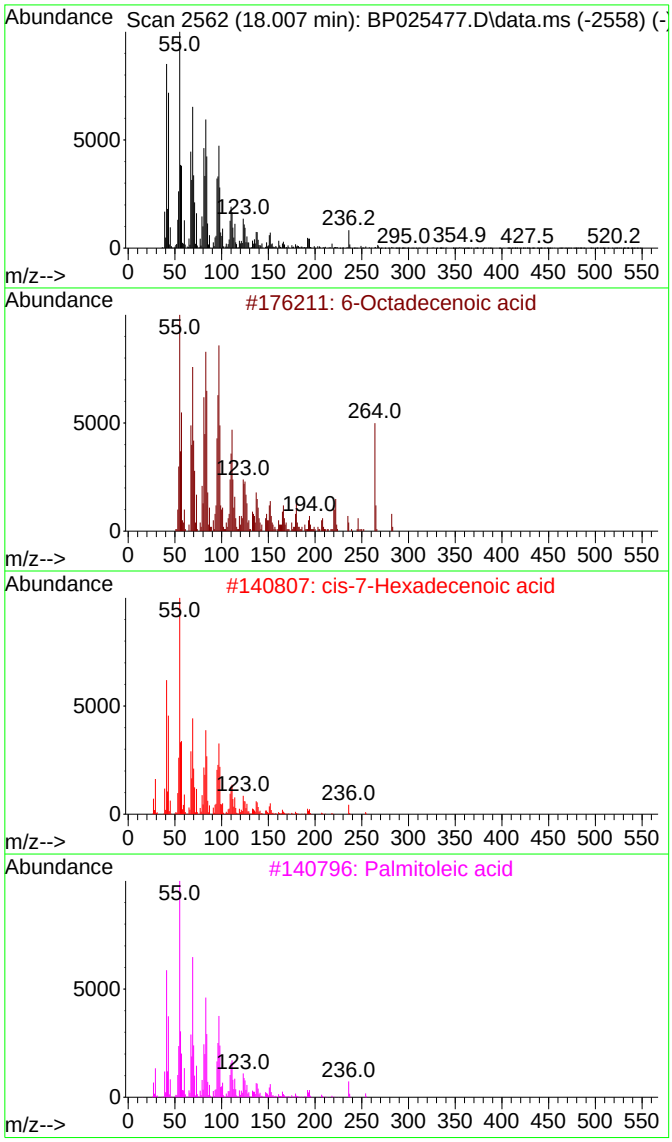
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

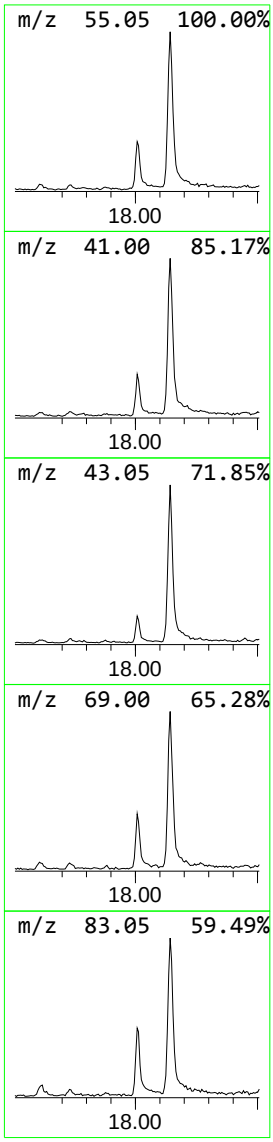
****

Peak Number 4 6-Octadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.007	2.66 ng	335713	Phenanthrene-d10	17.207

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	98
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	98
3	Palmitoleic acid	254	C16H30O2	000373-49-9	95
4	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	94
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

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

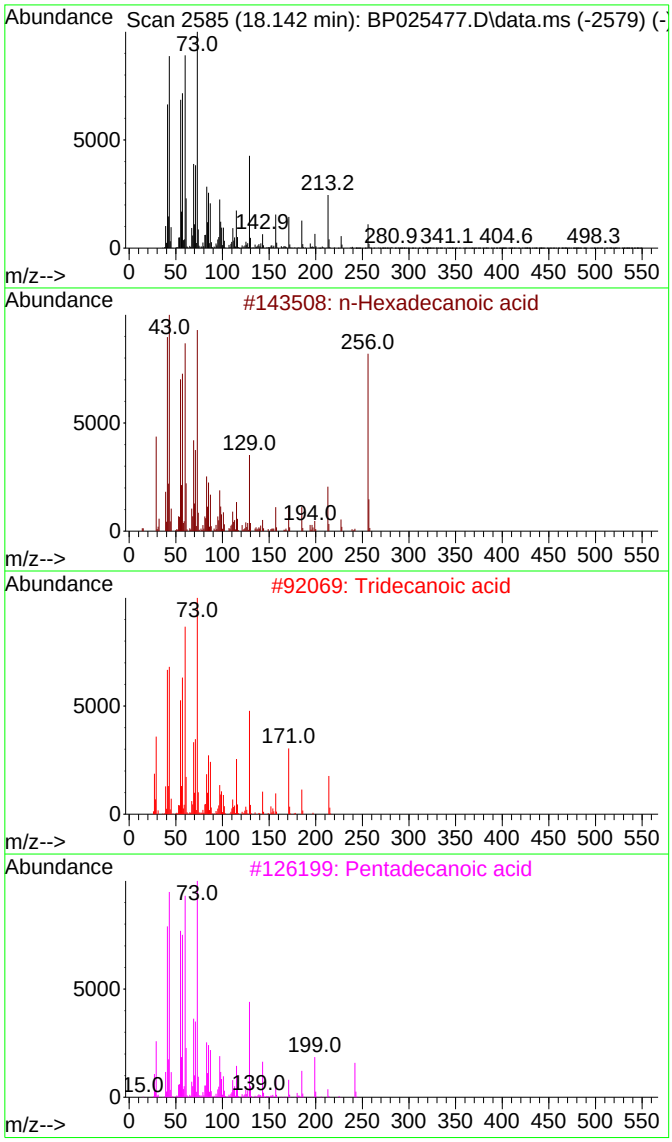
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

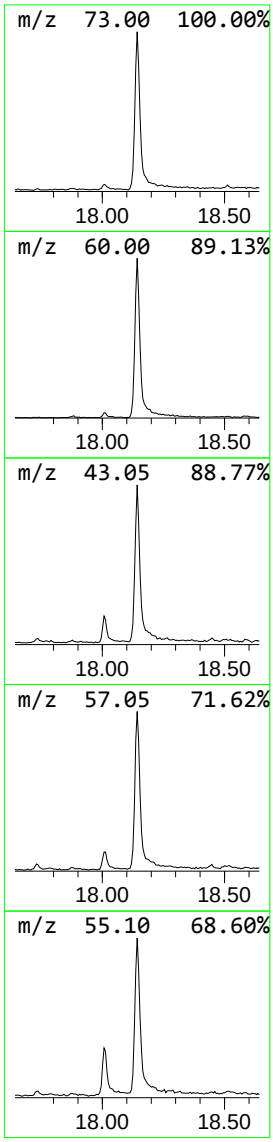
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	10.24 ng	1294190	Phenanthrene-d10	17.207

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	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

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

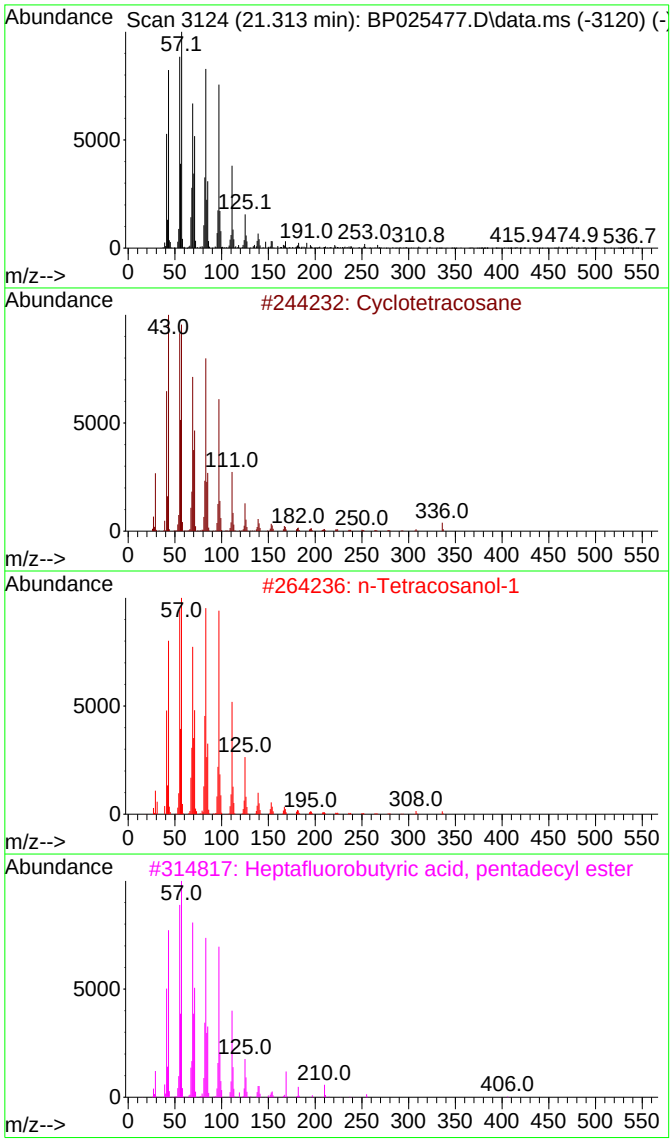
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

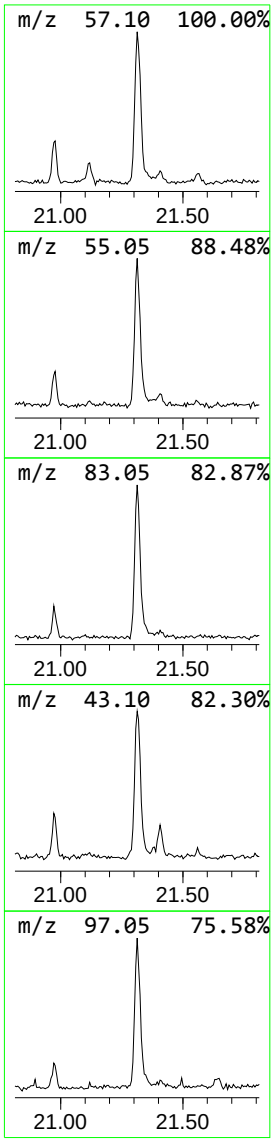
****

Peak Number 6 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.313	3.45 ng	504591	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

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

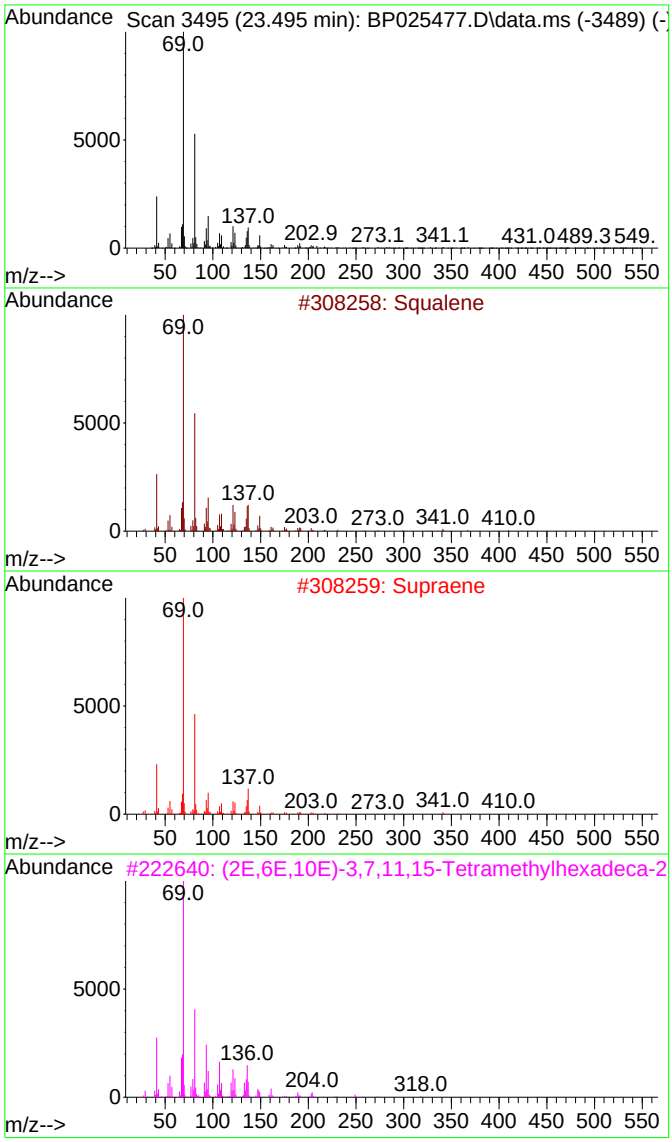
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

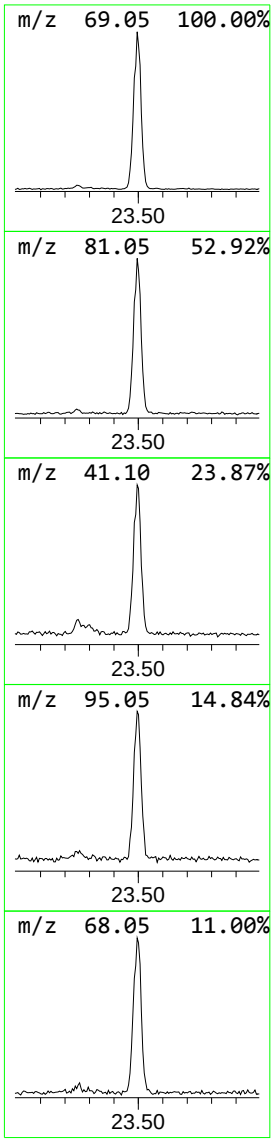
****

Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.495	5.68 ng	884041	Perylene-d12	25.012

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	97
2	Supraene	410	C30H50	007683-64-9	91
3	(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	78
4	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025477.D
Acq On : 19 Aug 2025 15:32
Operator : CG/JU
Sample : Q2815-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-E

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.037	90.4	ng	4543670	1	7.790	1004920	20.0
2-Pentanone, 4-...	4.943	6.7	ng	334981	1	7.790	1004920	20.0
Benzophenone	15.784	3.7	ng	366995	3	14.401	1999400	20.0
6-Octadecenoic ...	18.007	2.7	ng	335713	4	17.207	2528030	20.0
n-Hexadecanoic ...	18.142	10.2	ng	1294190	4	17.207	2528030	20.0
Cyclotetracosane	21.313	3.5	ng	504591	5	21.642	2920980	20.0
Squalene	23.495	5.7	ng	884041	6	25.012	3114610	20.0