LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025476.D
Acq On : 19 Aug 2025 14:51
Operator : CG/JU
Sample : Q2815-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-W

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: BP025476.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	12	17	32	rVB	3249659	3894123	26.78%	6.690%
2	3.455	83	88	100	rVB	1261289	1541151	10.60%	2.647%
3	4.949	336	342	348	rBV2	181693	271932	1.87%	0.467%
4	5.408	412	420	430	rBV	1982185	2862843	19.69%	4.918%
5	6.966	677	685	697	rBV	1358147	2186242	15.03%	3.756%
6	7.790	818	825	833	rBV	538915	860979	5.92%	1.479%
7	8.925	1010	1018	1029	rBV	2026019	3396123	23.35%	5.834%
8	10.555	1286	1295	1311	rBV	702307	1205165	8.29%	2.070%
9	13.013	1705	1713	1730	rBV	4761804	7820577	53.78%	13.435%
10	14.401	1939	1949	1963	rBV	1062358	1770338	12.17%	3.041%
11	15.778	2174	2183	2193	rBV	347200	544860	3.75%	0.936%
12	15.907	2198	2205	2226	rBV	4463226	7173366	49.33%	12.323%
13	17.201	2417	2425	2433	rBV2	1459240	2343614	16.12%	4.026%
14	18.137	2579	2584	2593	rBV	482290	826085	5.68%	1.419%
15	19.472	2806	2811	2818	rBV	92703	158448	1.09%	0.272%
16	19.925	2881	2888	2897	rBV	9871191	14541404	100.00%	24.980%
17	21.319	3120	3125	3134	rBV2	321681	603778	4.15%	1.037%
18	21.648	3175	3181	3189	rBV	1943222	2891069	19.88%	4.966%
19	23.501	3493	3496	3504	rVB	195344	339902	2.34%	0.584%
20	25.024	3747	3755	3768	rVB	1146871	2979598	20.49%	5.119%

Sum of corrected areas: 58211597

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
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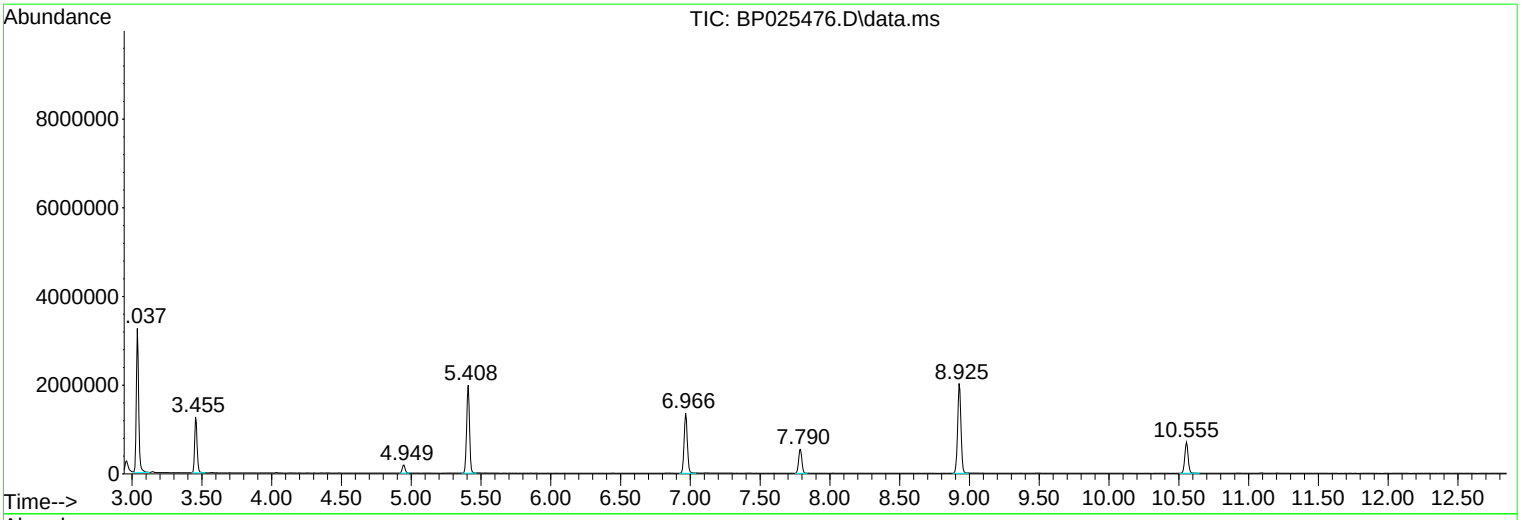
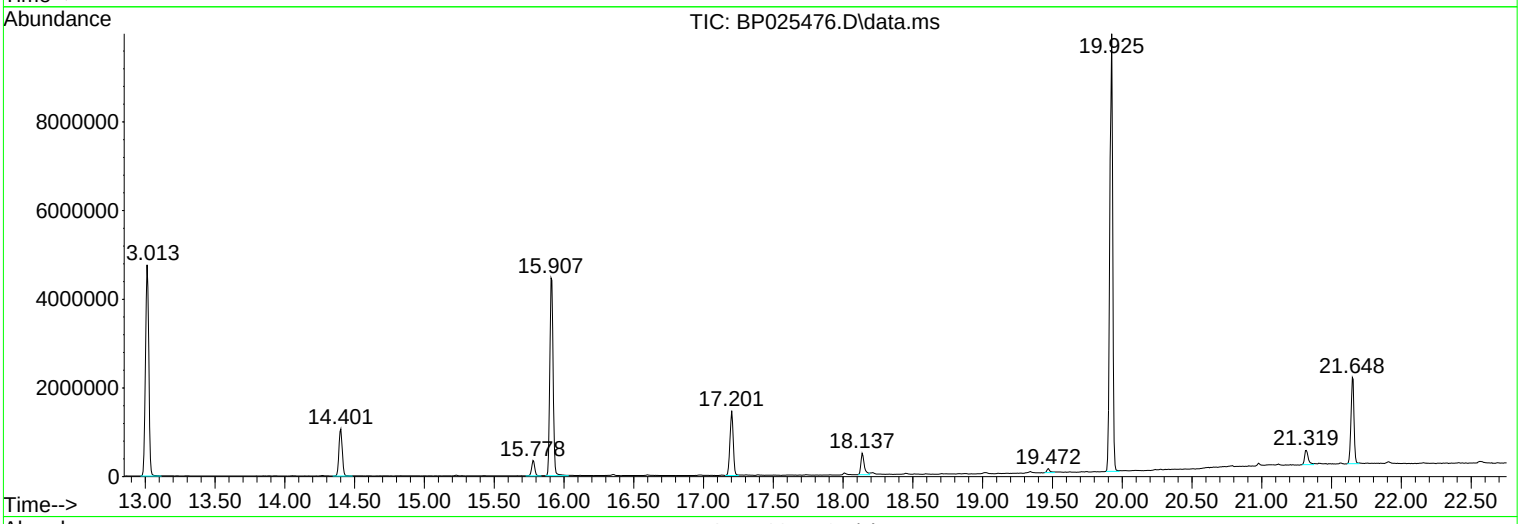
Operator : CG/JU
Sample : Q2815-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

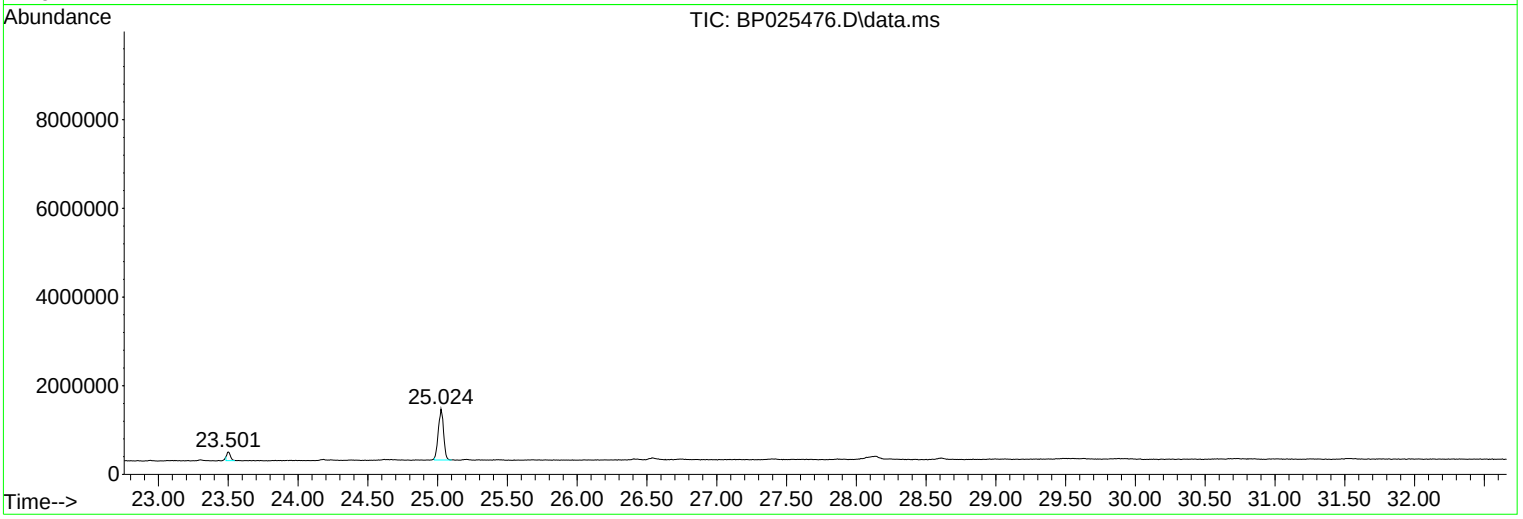
Instrument :
BNA_P
ClientSampleId :
TW-11M-W

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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Data File : BP025476.D
Acq On : 19 Aug 2025 14:51
Operator : CG/JU
Sample : Q2815-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

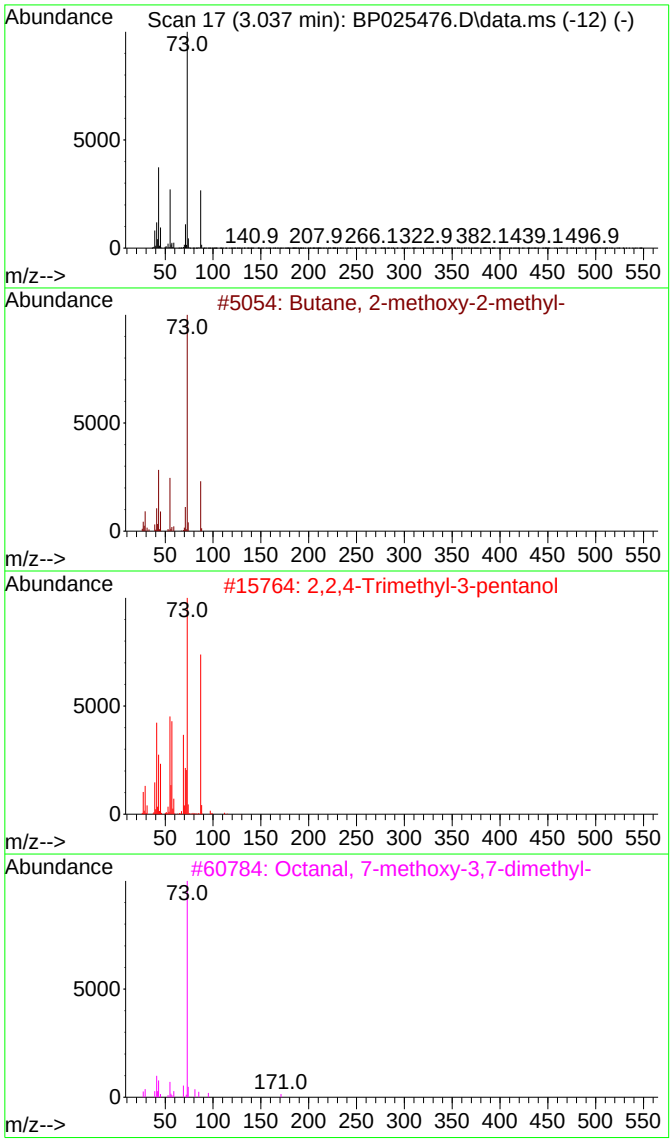
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

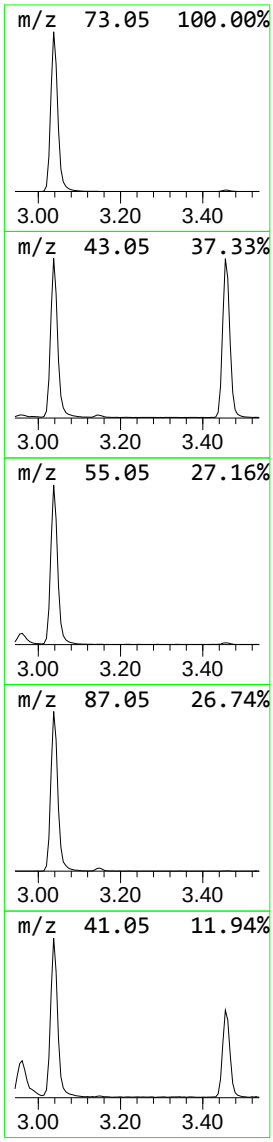
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	90.46 ng	3894120	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	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Data File : BP025476.D
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Operator : CG/JU
Sample : Q2815-20
Misc :
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Instrument :
BNA_P
ClientSampleId :
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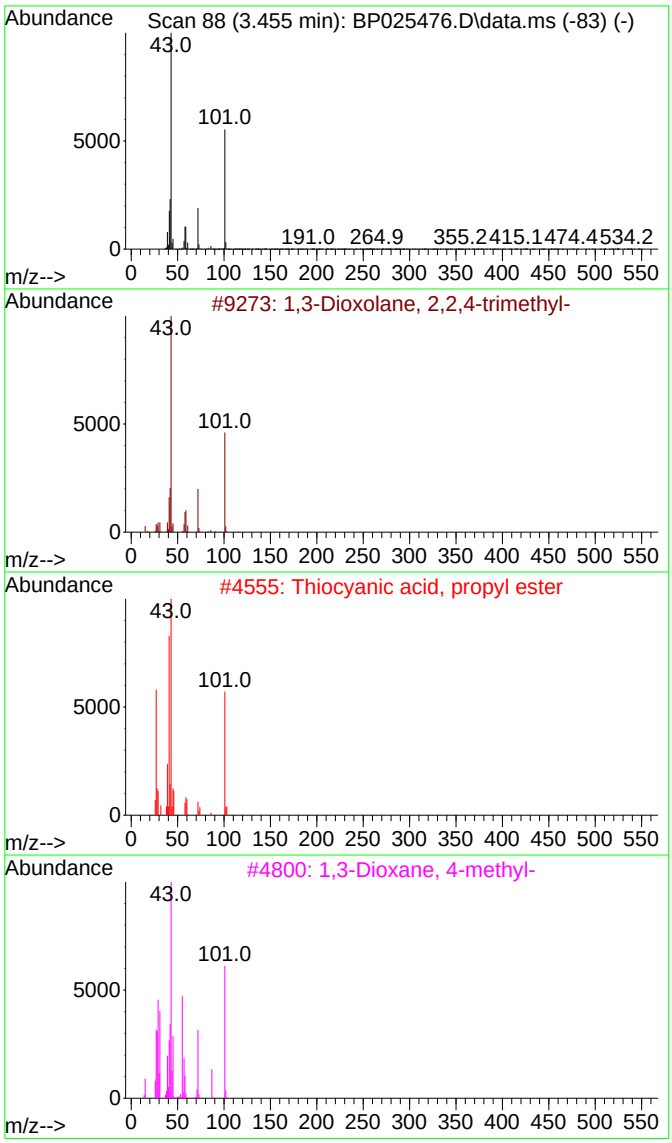
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

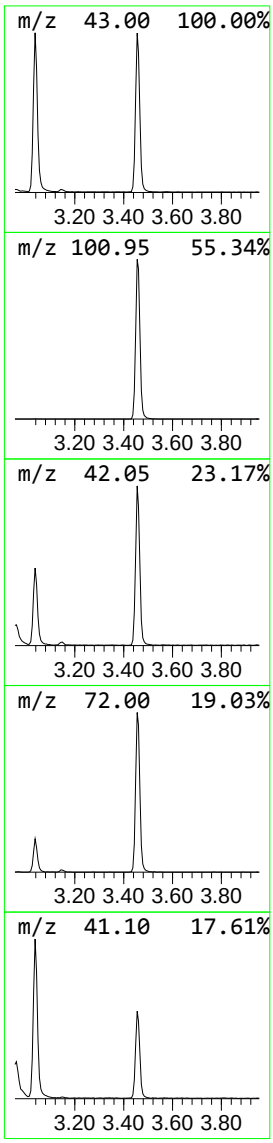
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.455	35.80 ng	1541150	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	90
2	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	53
3	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	50
4	Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	50
5	2-Butanone	72	C4H8O	000078-93-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025476.D
Acq On : 19 Aug 2025 14:51
Operator : CG/JU
Sample : Q2815-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-W

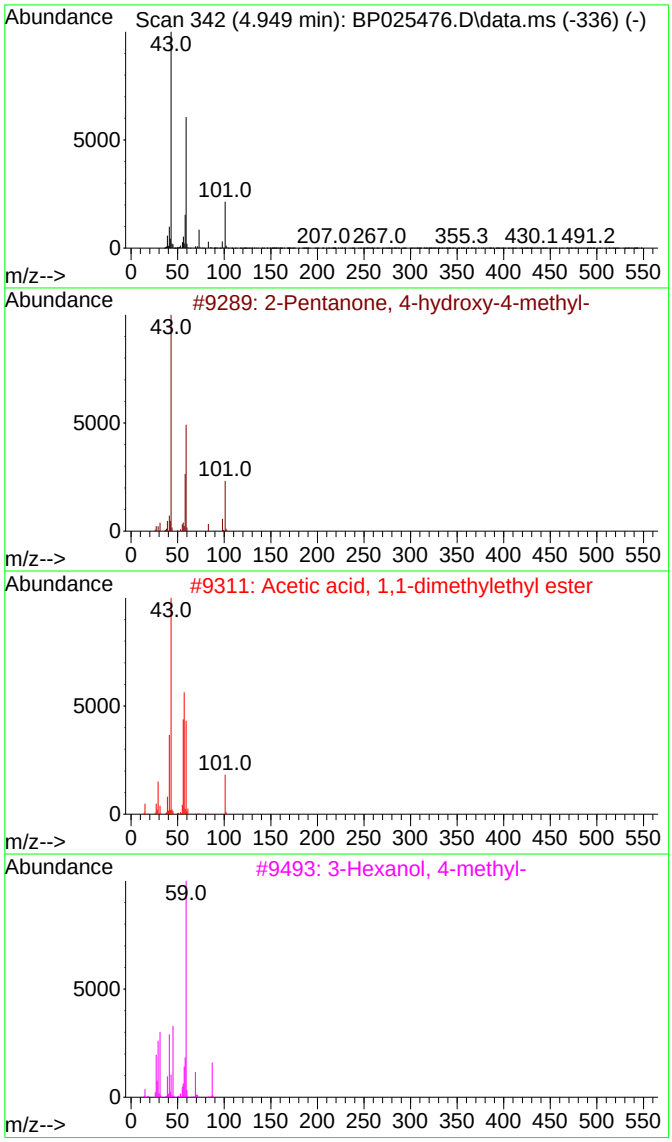
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

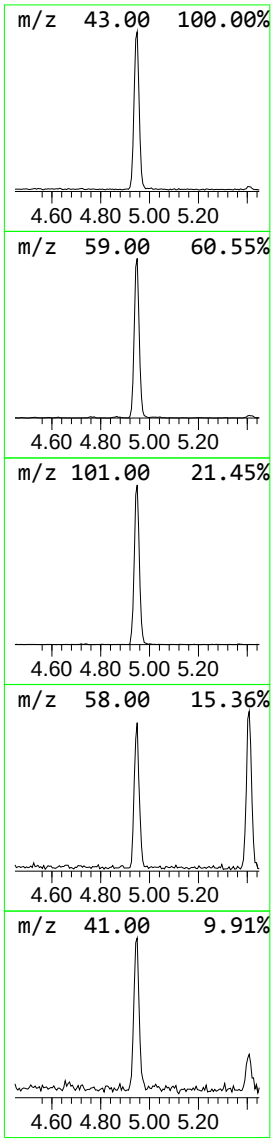
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	6.32 ng	271932	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	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Data File : BP025476.D
Acq On : 19 Aug 2025 14:51
Operator : CG/JU
Sample : Q2815-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-W

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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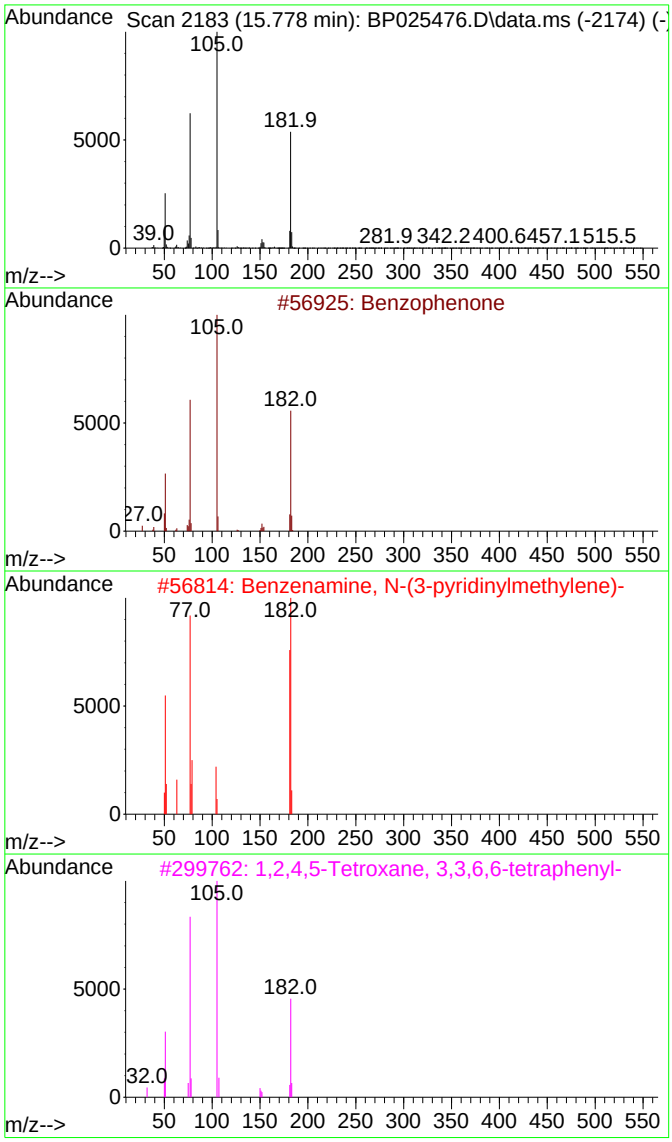
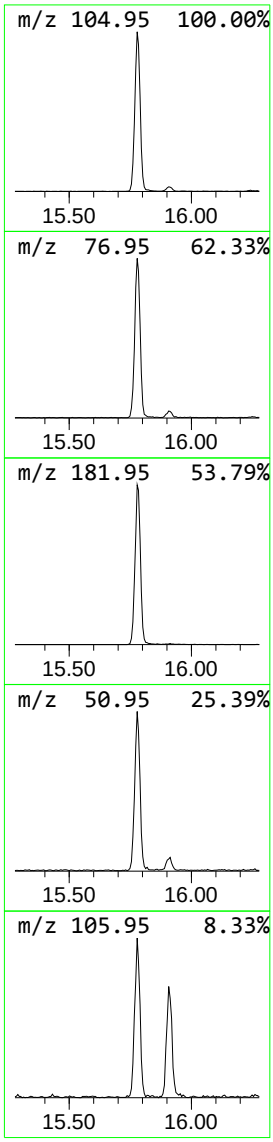
****

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	6.16 ng	544860	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	40
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	27





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Acq On : 19 Aug 2025 14:51
Operator : CG/JU
Sample : Q2815-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-W

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

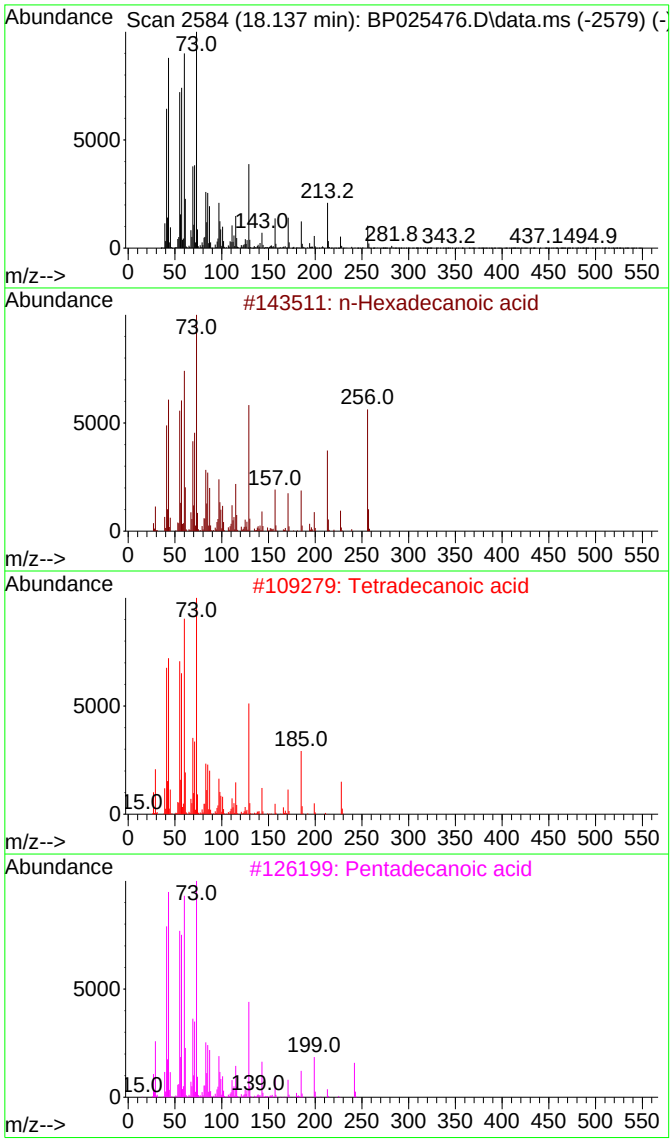
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

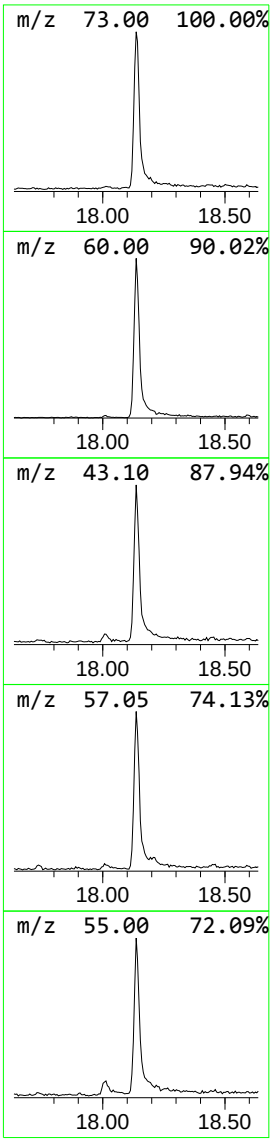
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.137	7.05 ng	826085	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Sample : Q2815-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-W

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

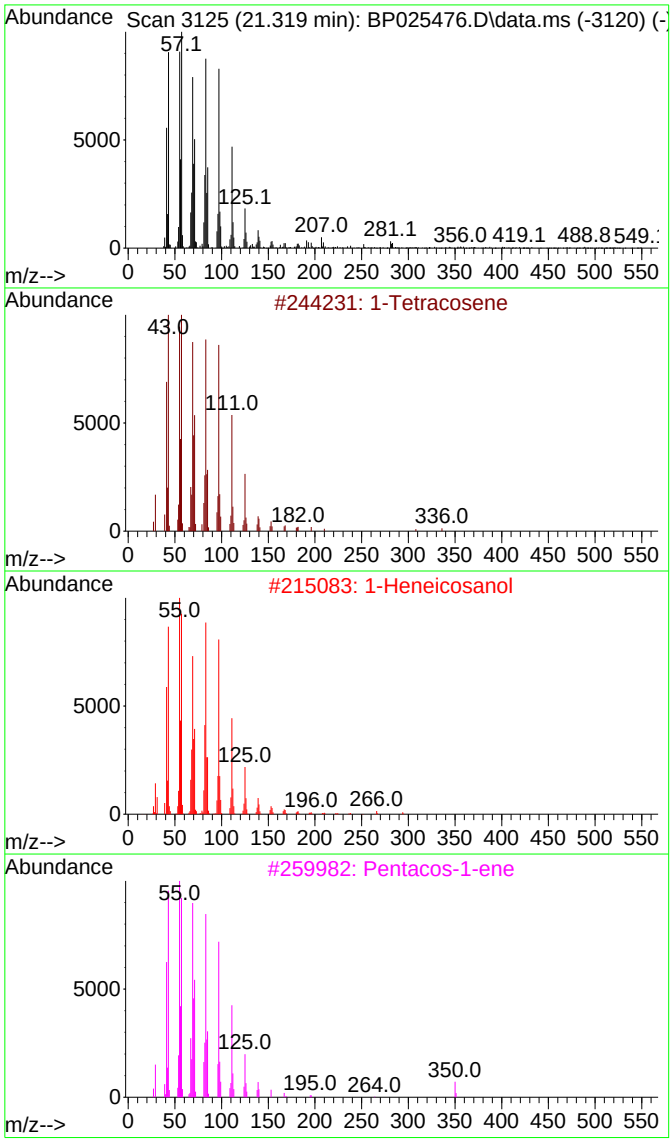
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

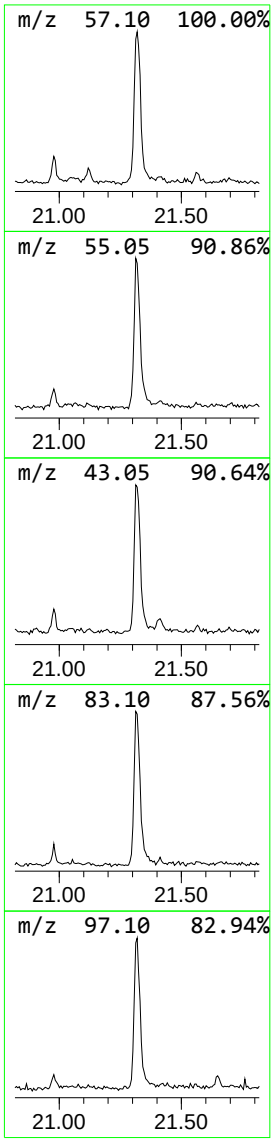
****

Peak Number 6 1-Tetracosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.319	4.18 ng	603778	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





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

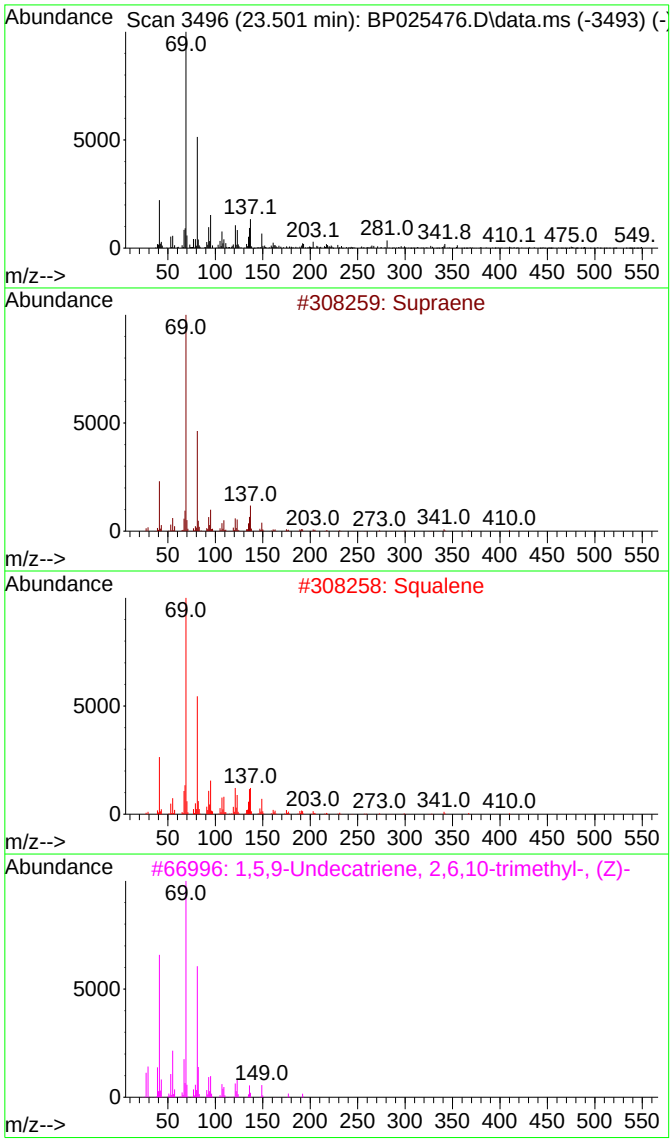
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

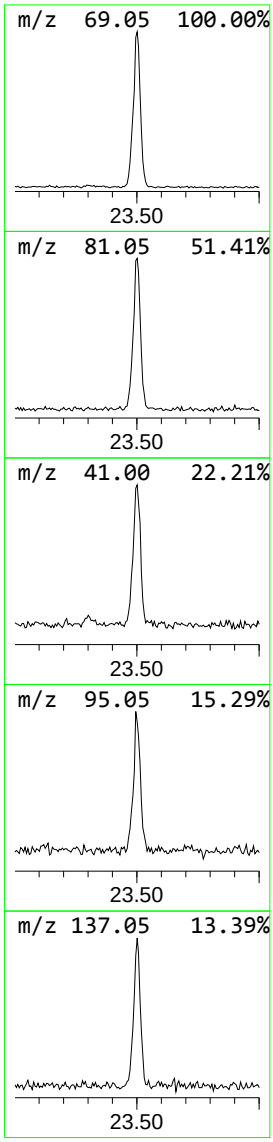
****

Peak Number 7 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.501	2.28 ng	339902	Perylene-d12	25.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	93
2	Squalene	410	C30H50	000111-02-4	81
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
4	2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	72
5	(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	72





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...	3.037	90.5	ng	3894120	1	7.790	860979	20.0
1,3-Dioxolane, ...	3.455	35.8	ng	1541150	1	7.790	860979	20.0
2-Pentanone, 4-...	4.949	6.3	ng	271932	1	7.790	860979	20.0
Benzophenone	15.778	6.2	ng	544860	3	14.401	1770340	20.0
n-Hexadecanoic ...	18.137	7.0	ng	826085	4	17.201	2343610	20.0
1-Tetracosene	21.319	4.2	ng	603778	5	21.648	2891070	20.0
Supraene	23.501	2.3	ng	339902	6	25.024	2979600	20.0