LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025428.D
Acq On : 15 Aug 2025 15:31
Operator : CG/JU
Sample : Q2814-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-38M-S

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: BP025428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.967	3	5	13	rVB	258360	337450	2.62%	0.636%
2	3.043	13	18	34	rVB	2756137	3467119	26.95%	6.537%
3	4.949	336	342	351	rVB	224899	309803	2.41%	0.584%
4	5.408	413	420	430	rBV	1715381	2599851	20.21%	4.902%
5	6.966	677	685	702	rBV	1238640	2085031	16.21%	3.931%
6	7.784	817	824	831	rBV	556585	852824	6.63%	1.608%
7	8.931	1001	1019	1029	rBV	1872578	3324568	25.85%	6.268%
8	10.560	1288	1296	1309	rBV	714527	1257657	9.78%	2.371%
9	10.843	1337	1344	1351	rBV	88534	142582	1.11%	0.269%
10	11.960	1524	1534	1543	rVB3	83759	200310	1.56%	0.378%
11	13.019	1705	1714	1728	rBV	4843632	7825562	60.84%	14.754%
12	14.401	1940	1949	1962	rBV	1103066	1779714	13.84%	3.355%
13	15.778	2177	2183	2193	rBV	456973	686828	5.34%	1.295%
14	15.913	2198	2206	2216	rBV	4659195	6719058	52.24%	12.668%
15	17.201	2418	2425	2432	rBV	1444697	2200011	17.10%	4.148%
16	18.142	2579	2585	2593	rBV	409787	623382	4.85%	1.175%
17	19.466	2806	2810	2818	rBV3	104240	149061	1.16%	0.281%
18	19.919	2881	2887	2901	rBV	8773260	12863091	100.00%	24.252%
19	21.319	3120	3125	3139	rBV	239047	430551	3.35%	0.812%
20	21.642	3174	3180	3187	rVB	1437617	2530193	19.67%	4.770%
21	24.995	3741	3750	3765	rVB	803578	2654400	20.64%	5.005%

Sum of corrected areas: 53039046

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
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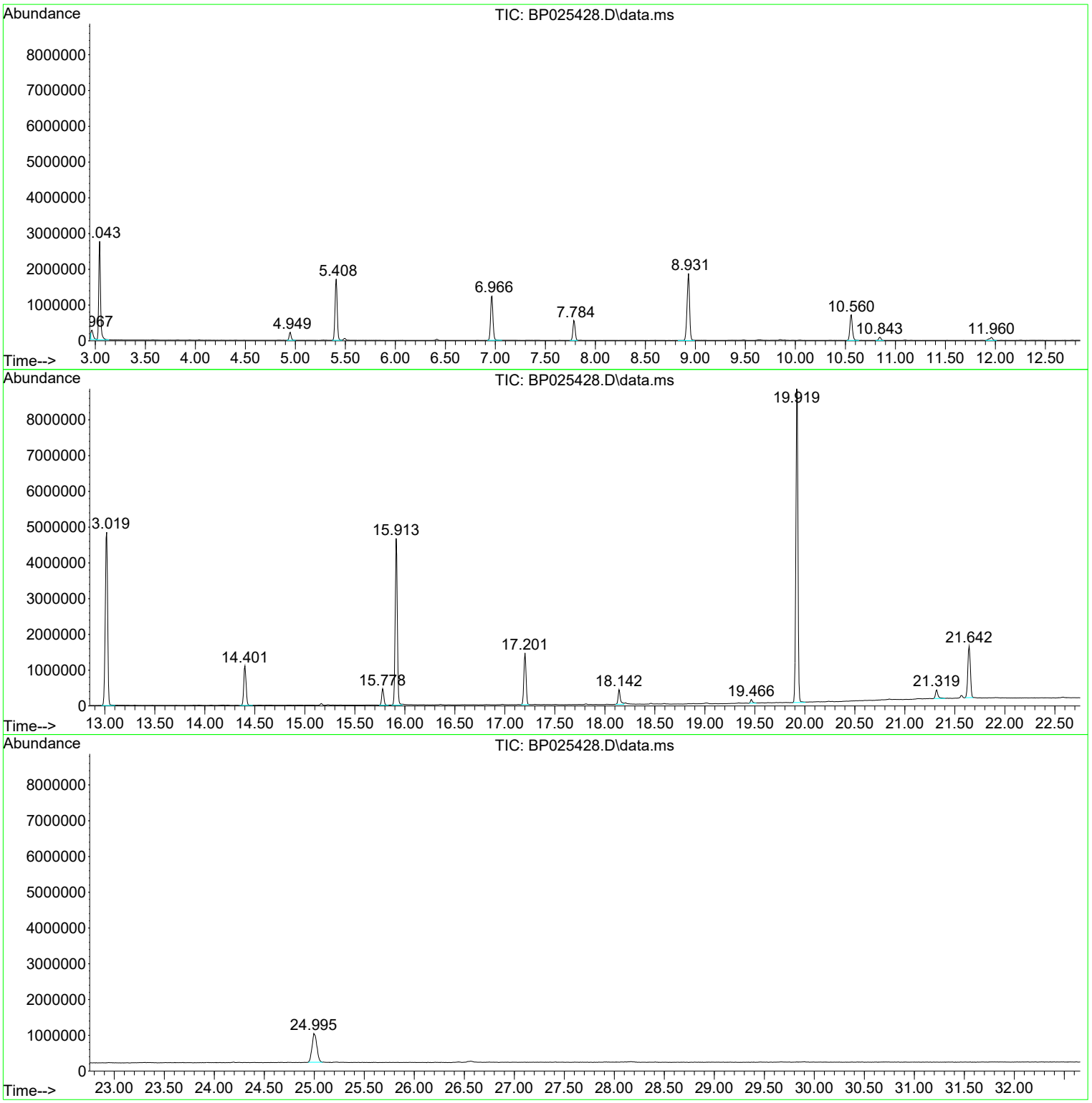
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-38M-S

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\BP081525\
Data File : BP025428.D
Acq On : 15 Aug 2025 15:31
Operator : CG/JU
Sample : Q2814-11
Misc :
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Instrument :
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ClientSampleId :
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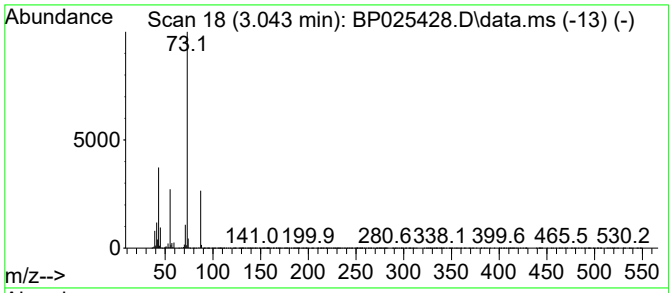
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

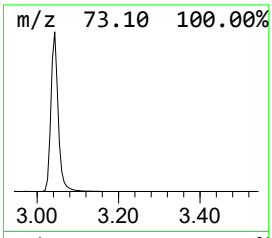
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

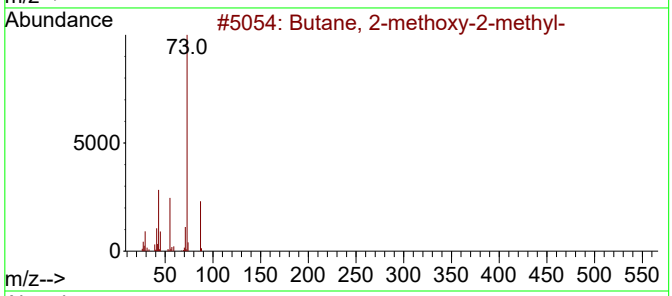
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

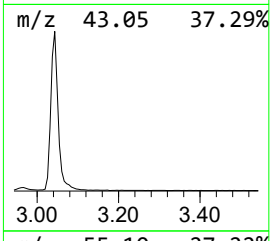
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	81.31 ng	3467120	1,4-Dichlorobenzene-d4	7.790

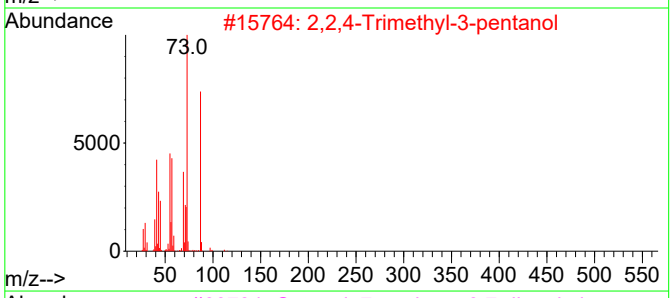
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17

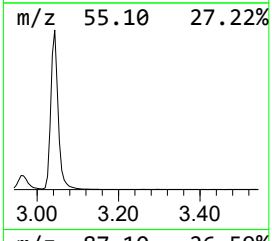


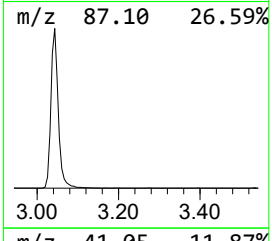


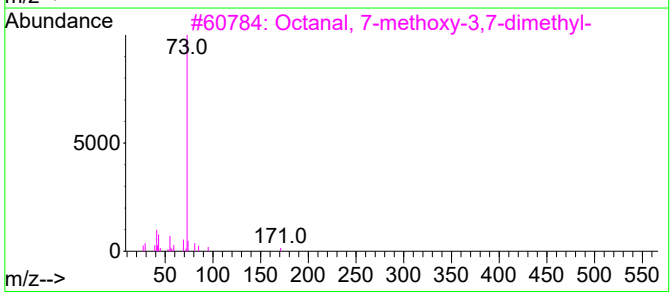


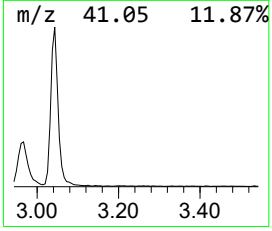












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025428.D
Acq On : 15 Aug 2025 15:31
Operator : CG/JU
Sample : Q2814-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-38M-S

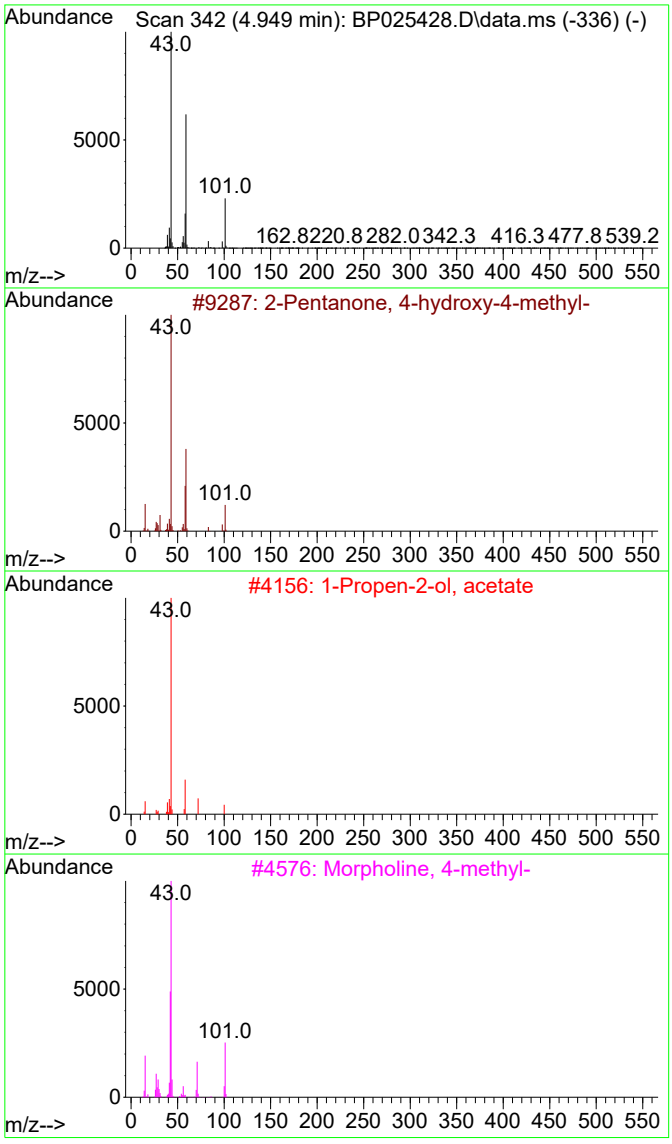
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

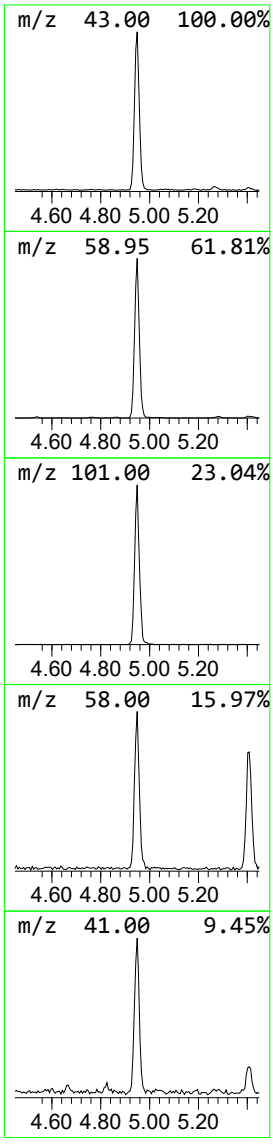
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	7.27 ng	309803	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	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
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Instrument :
BNA_P
ClientSampleId :
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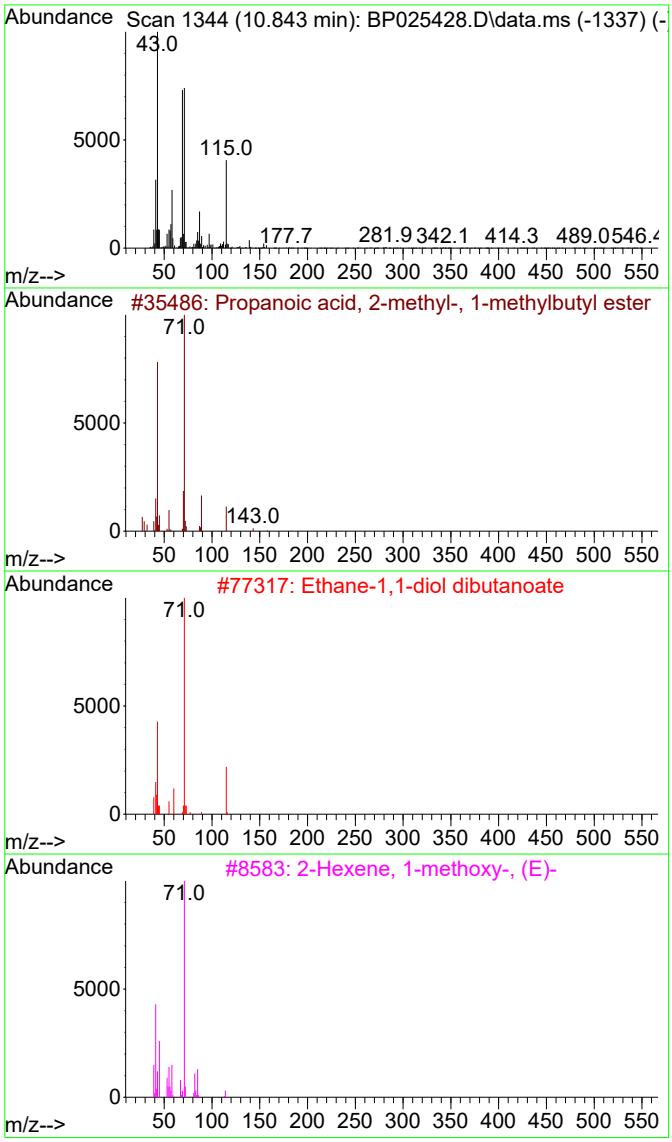
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

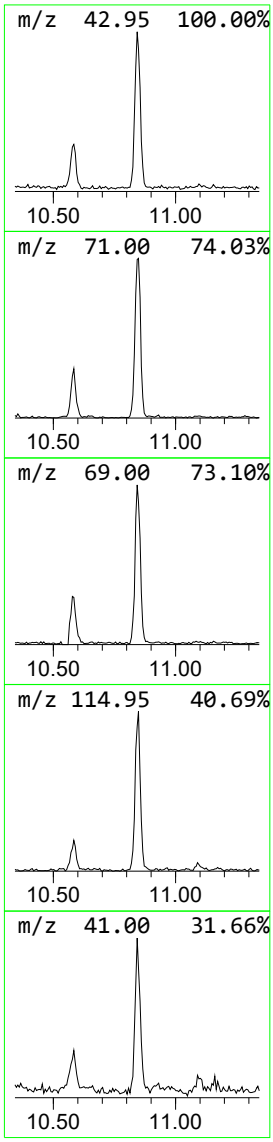
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.843	2.27 ng	142582	Naphthalene-d8	10.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	158	C9H18O2	054340-93-1	53
2	Ethane-1,1-diol dibutanoate	202	C10H18O4	025572-25-2	50
3	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	43
4	Diethylmalonic acid, heptyl tetr...	342	C19H34O5	1000370-64-2	43
5	1-Methoxycyclohexane	114	C7H14O	000931-56-6	43





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Data File : BP025428.D
Acq On : 15 Aug 2025 15:31
Operator : CG/JU
Sample : Q2814-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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
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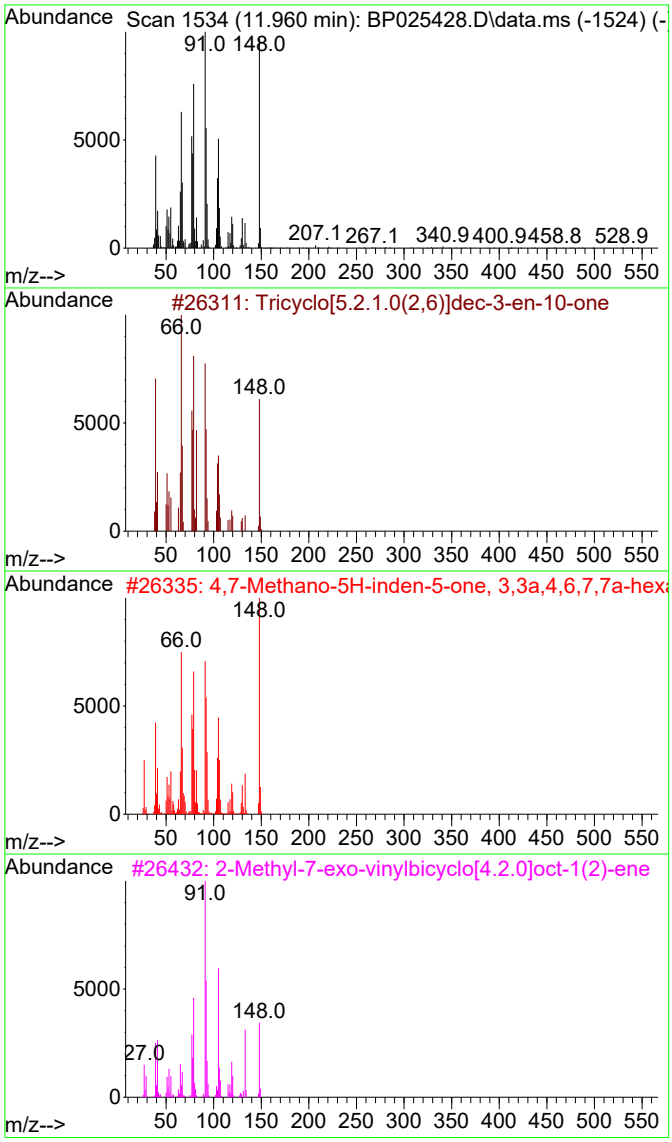
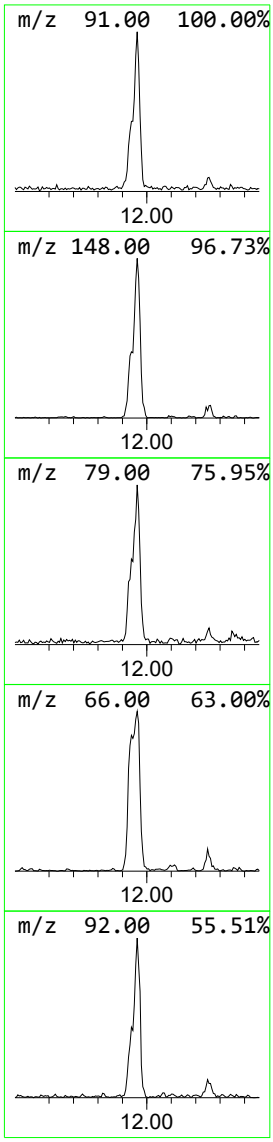
****

Peak Number 5 Tricyclo[5.2.1.0(2,6)]dec-3... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.960	3.19 ng	200310	Naphthalene-d8	10.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.2.1.0(2,6)]dec-3-en-1...	148	C10H12O	1000289-10-5	93
2	4,7-Methano-5H-inden-5-one, 3,3a...	148	C10H12O	014888-58-5	90
3	2-Methyl-7-exo-vinylbicyclo[4.2....	148	C11H16	107914-89-6	64
4	1H-Indene, 3a,4,7,7a-tetrahydro-...	120	C9H12	066563-20-0	58
5	Cyclohexene, 3-methylene-4-vinyl-	120	C9H12	1000149-45-4	55





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TIC Library : C:\Database\NIST20.L
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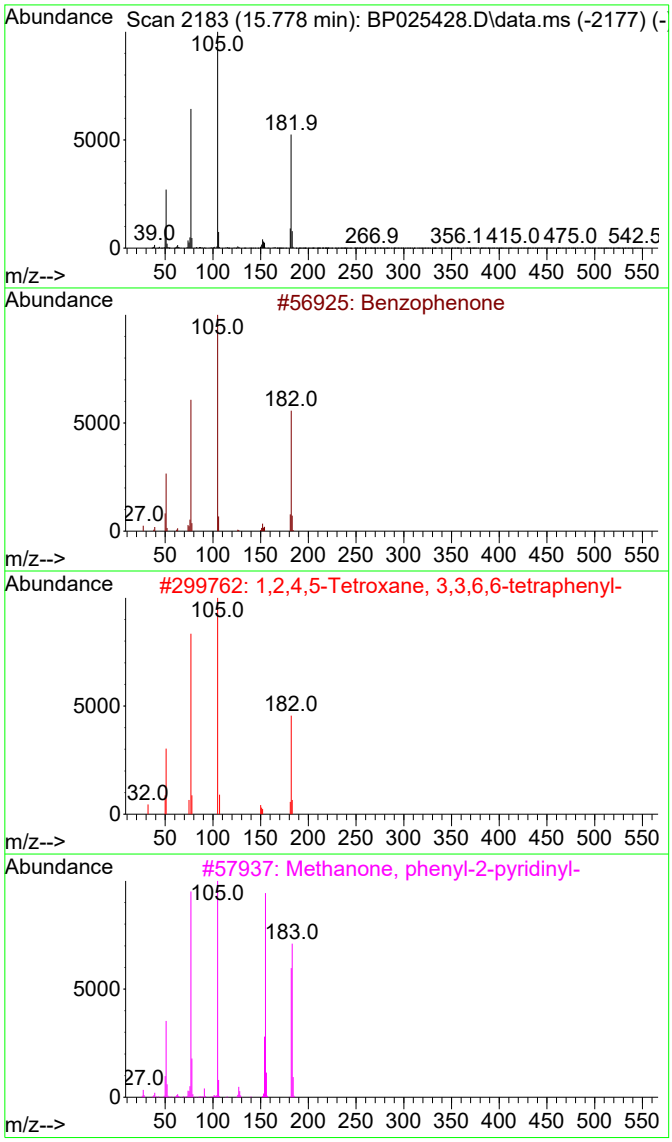
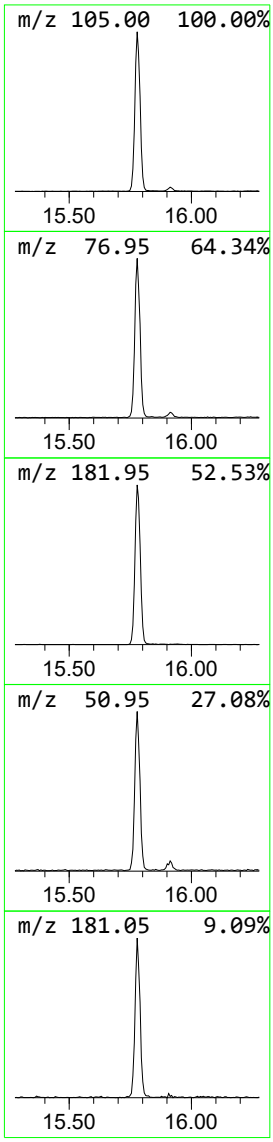
****

Peak Number 6 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	7.72 ng	686828	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	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





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Data File : BP025428.D
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Operator : CG/JU
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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

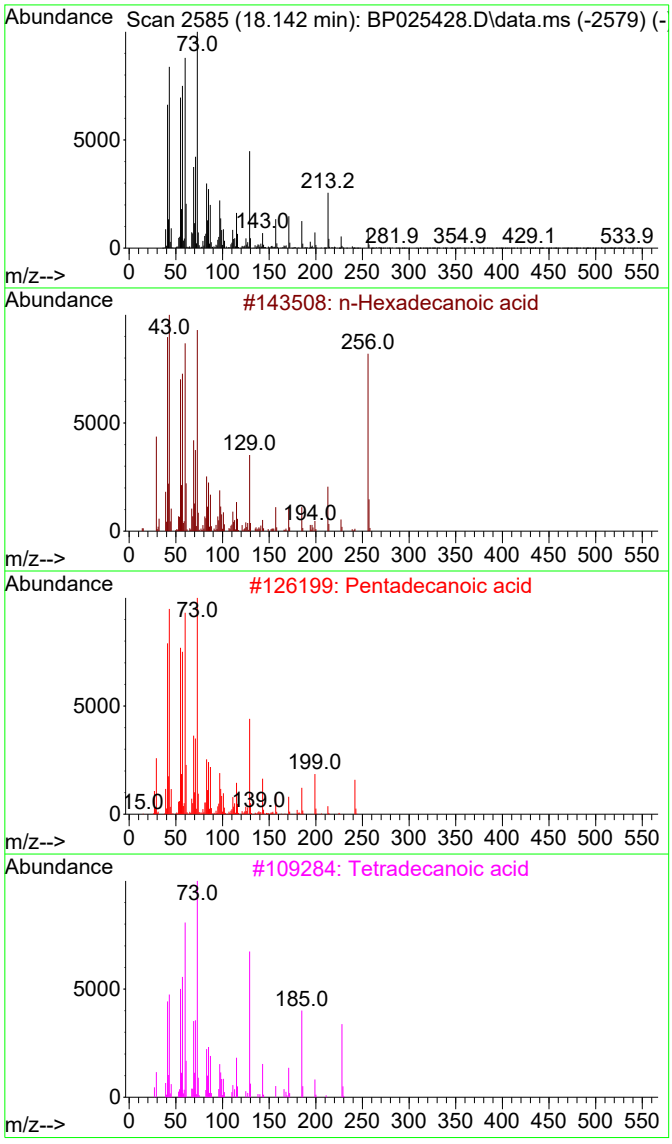
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

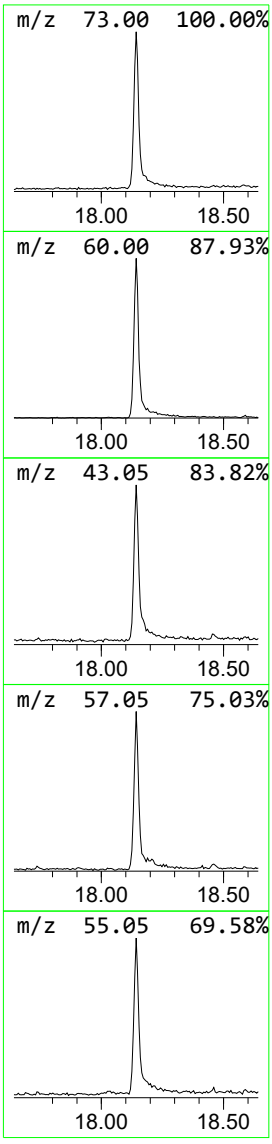
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	5.67 ng	623382	Phenanthrene-d10	17.201

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





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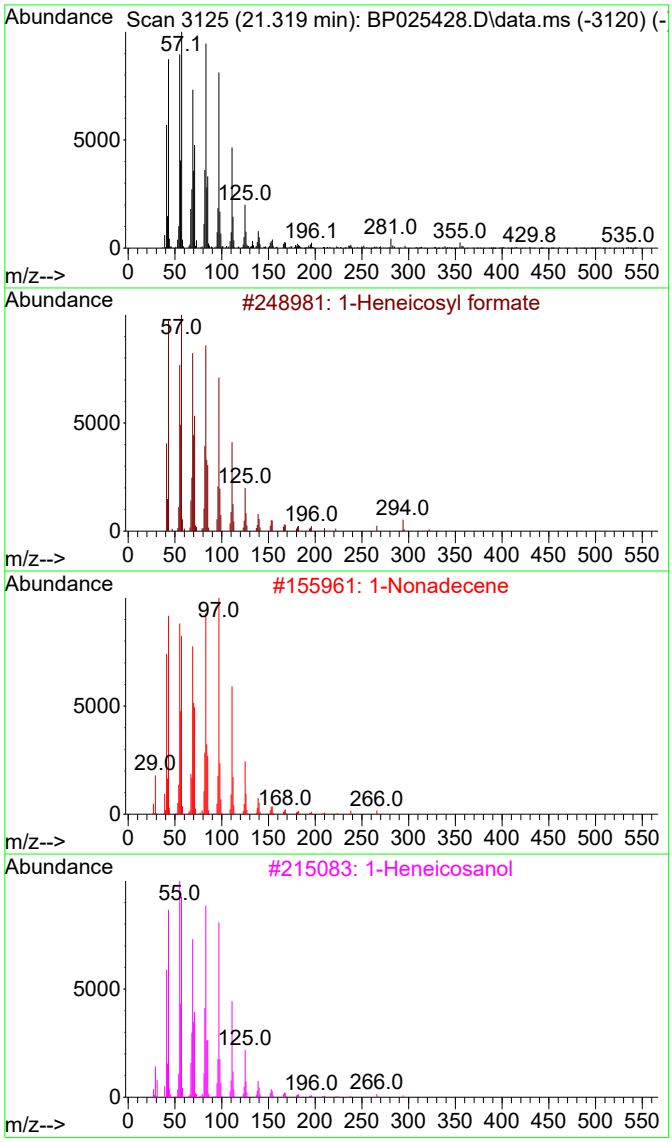
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

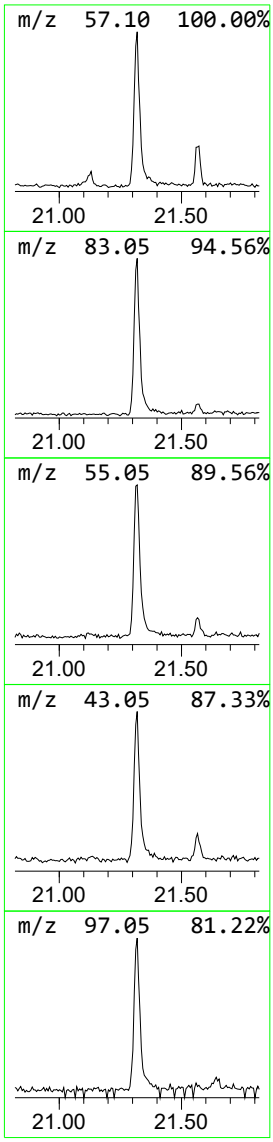
****

Peak Number 8 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.319	3.40 ng	430551	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Tentatively Identified Compound (LSC) summary

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Data File : BP025428.D
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Instrument :
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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.043	81.3	ng	3467120	1	7.790	852824	20.0
2-Pentanone, 4-...	4.949	7.3	ng	309803	1	7.790	852824	20.0
Propanoic acid,...	10.843	2.3	ng	142582	2	10.560	1257660	20.0
Tricyclo[5.2.1....	11.960	3.2	ng	200310	2	10.560	1257660	20.0
Benzophenone	15.778	7.7	ng	686828	3	14.401	1779710	20.0
n-Hexadecanoic ...	18.142	5.7	ng	623382	4	17.201	2200010	20.0
1-Heneicosyl fo...	21.319	3.4	ng	430551	5	21.642	2530190	20.0