LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025554.D
Acq On : 22 Aug 2025 18:20
Operator : CG/JU
Sample : Q2934-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV-SW02

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: BP025554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	21	rVV	3200248	3746621	32.68%	6.870%
2	3.072	21	23	39	rVB	136580	189950	1.66%	0.348%
3	4.937	333	340	350	rVB	276751	401809	3.50%	0.737%
4	5.402	411	419	427	rBV	2079294	3134142	27.34%	5.747%
5	6.960	675	684	698	rBV	1581689	2604287	22.72%	4.775%
6	7.778	817	823	830	rBV	607589	934843	8.15%	1.714%
7	8.919	1006	1017	1036	rBV	2133769	3593792	31.35%	6.590%
8	10.542	1284	1293	1312	rBV	724784	1307641	11.41%	2.398%
9	13.001	1703	1711	1729	rBV	4735660	7519268	65.58%	13.788%
10	14.378	1939	1945	1964	rVB	1076273	1724869	15.04%	3.163%
11	15.766	2175	2181	2188	rBV	505082	658809	5.75%	1.208%
12	15.889	2196	2202	2225	rBV	4149233	6518523	56.86%	11.953%
13	17.183	2416	2422	2428	rBV	1593068	2133559	18.61%	3.912%
14	17.242	2428	2432	2438	rVV3	68538	120725	1.05%	0.221%
15	18.124	2577	2582	2592	rBV	959482	1485529	12.96%	2.724%
16	19.295	2777	2781	2783	rBV2	92783	138515	1.21%	0.254%
17	19.454	2803	2808	2815	rBV	402248	642656	5.61%	1.178%
18	19.907	2879	2885	2893	rBV	8620374	11464938	100.00%	21.023%
19	21.289	3117	3120	3125	rBV2	432830	596773	5.21%	1.094%
20	21.618	3171	3176	3182	rVB	1611583	2449164	21.36%	4.491%
21	21.883	3218	3221	3226	rVB	183170	239678	2.09%	0.439%
22	22.836	3380	3383	3388	rVB3	142543	210041	1.83%	0.385%
23	24.971	3739	3746	3756	rVB2	980721	2720353	23.73%	4.988%

Sum of corrected areas: 54536485

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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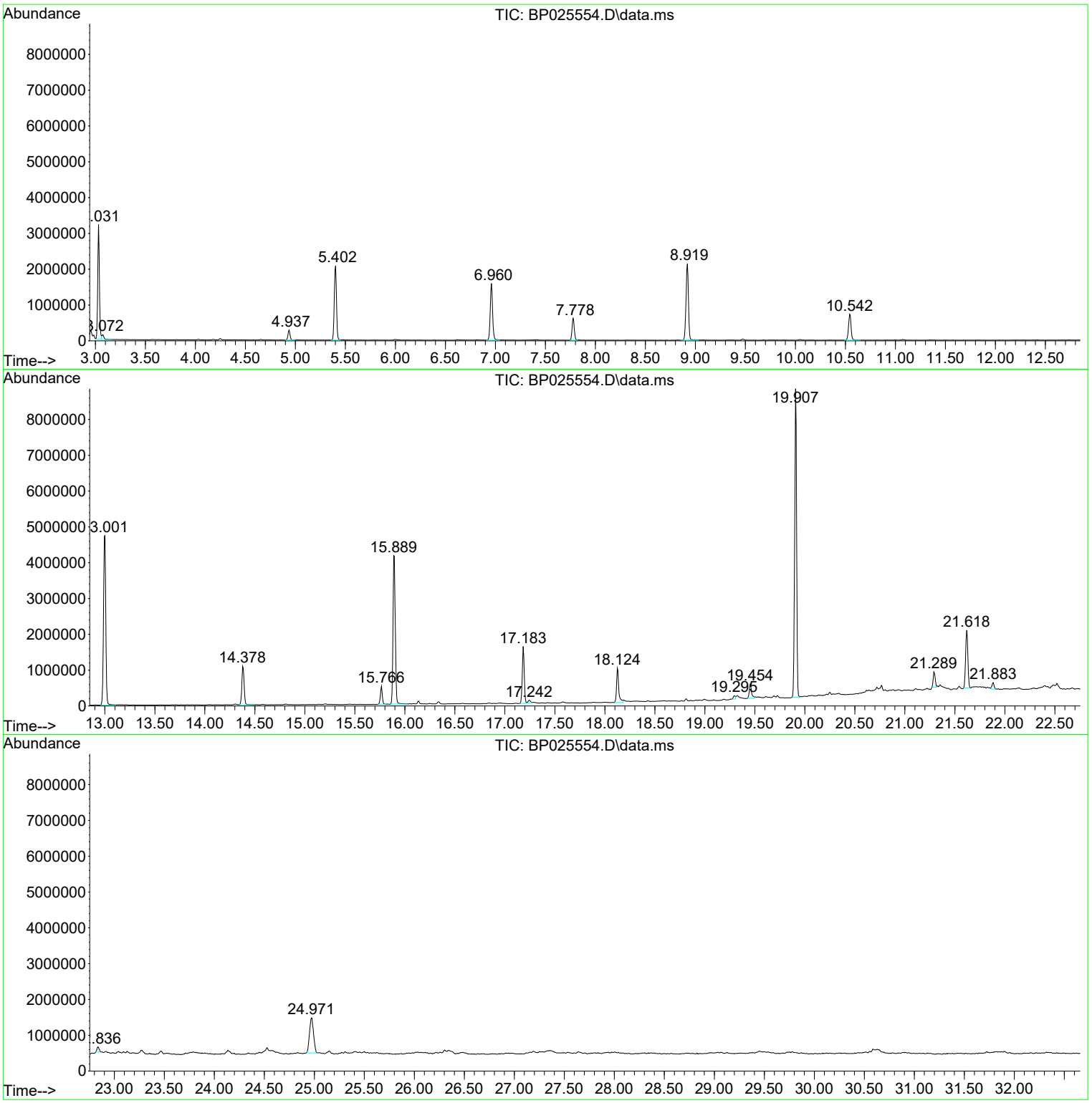
Operator : CG/JU
Sample : Q2934-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV-SW02

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\BP082225\
Data File : BP025554.D
Acq On : 22 Aug 2025 18:20
Operator : CG/JU
Sample : Q2934-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

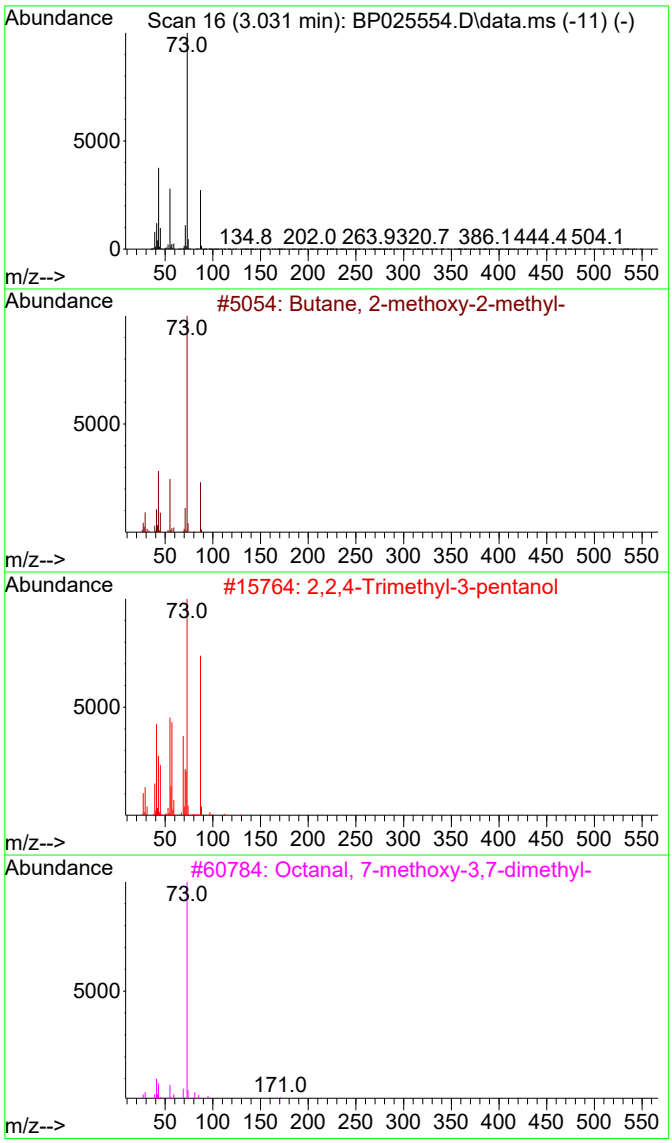
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

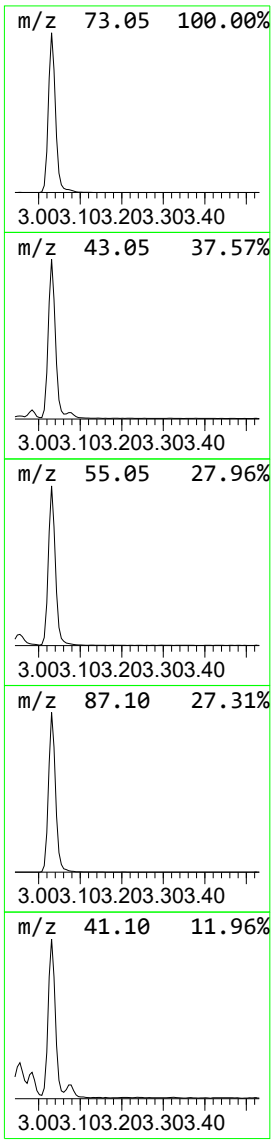
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	80.16 ng	3746620	1,4-Dichlorobenzene-d4	7.778

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 : BP025554.D
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Operator : CG/JU
Sample : Q2934-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV-SW02

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

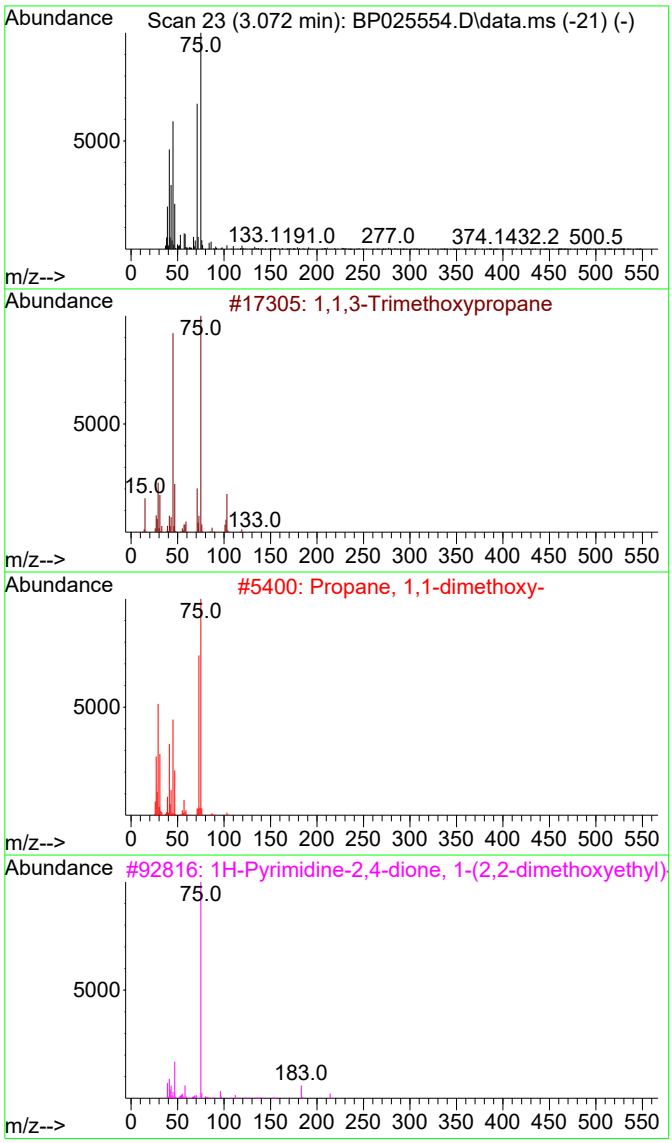
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

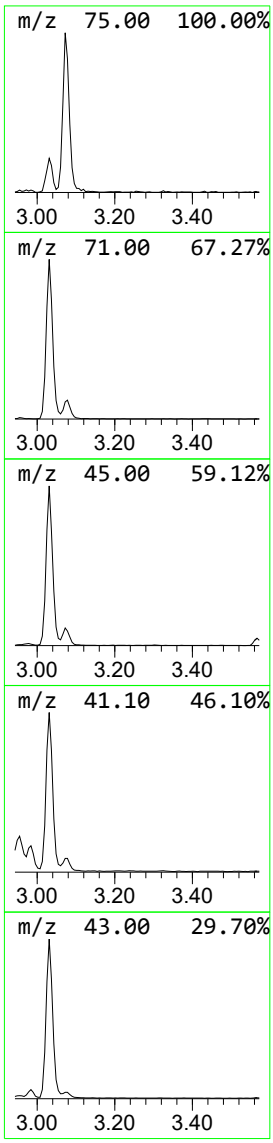
****

Peak Number 2 1,1,3-Trimethoxypropane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.072	4.06 ng	189950	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3-Trimethoxypropane	134	C6H14O3	014315-97-0	56
2	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	45
3	1H-Pyrimidine-2,4-dione, 1-(2,2-...	214	C9H14N2O4	1010302-49-7	37
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	10
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	10





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Data File : BP025554.D
Acq On : 22 Aug 2025 18:20
Operator : CG/JU
Sample : Q2934-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV-SW02

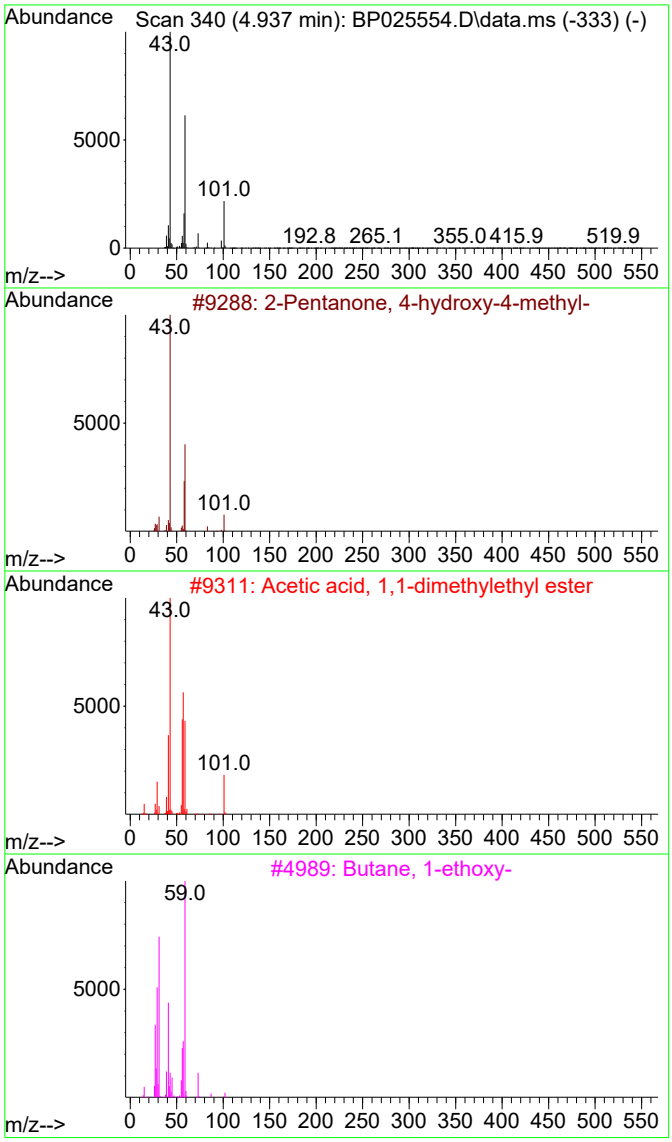
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

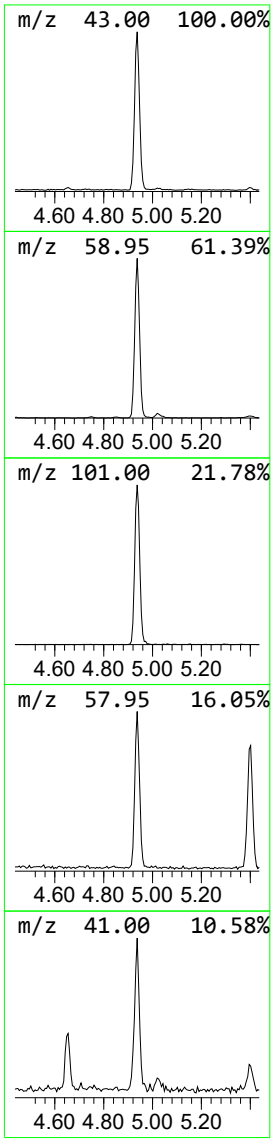
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	8.60 ng	401809	1,4-Dichlorobenzene-d4	7.778

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	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25
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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025554.D
Acq On : 22 Aug 2025 18:20
Operator : CG/JU
Sample : Q2934-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV-SW02

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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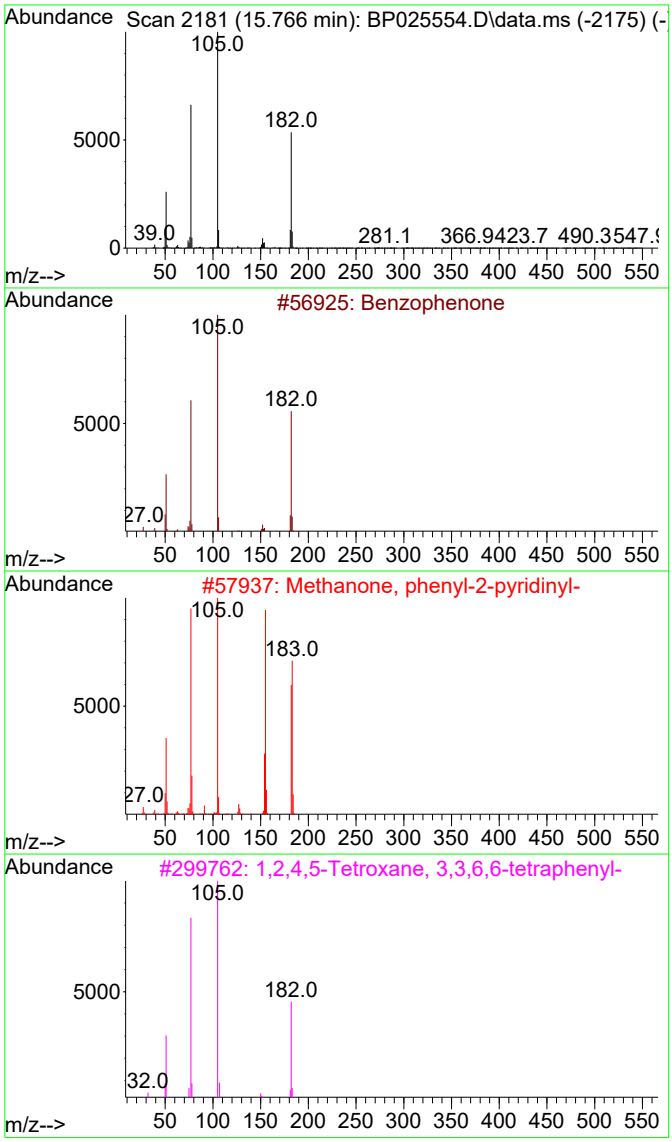
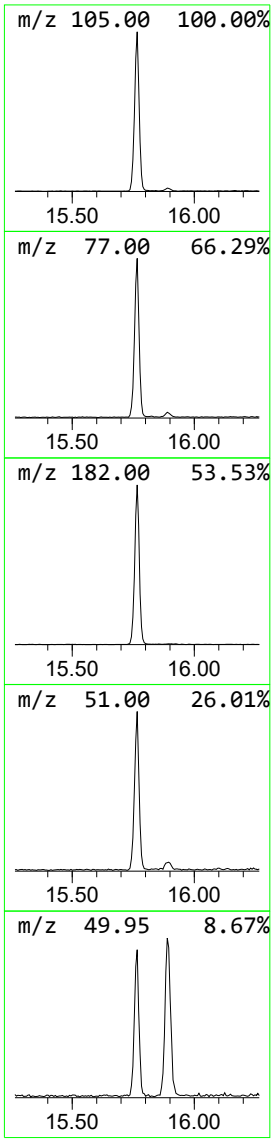
Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	7.64 ng	658809	Acenaphthene-d10	14.378

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Azobenzene	182	C12H10N2	000103-33-3	64
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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Acq On : 22 Aug 2025 18:20
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Sample : Q2934-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV-SW02

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

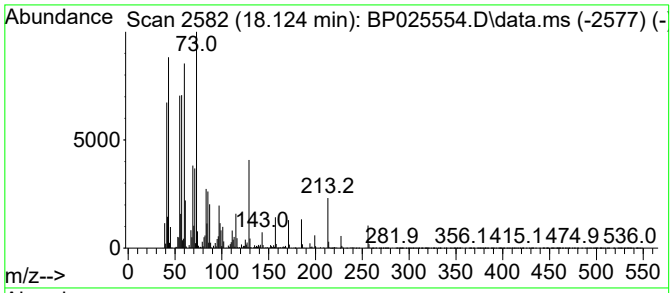
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

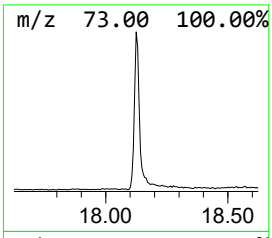
****

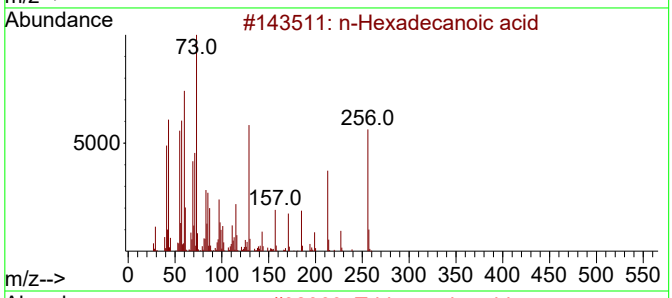
Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

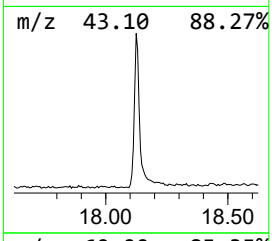
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.124	13.93 ng	1485530	Phenanthrene-d10	17.183

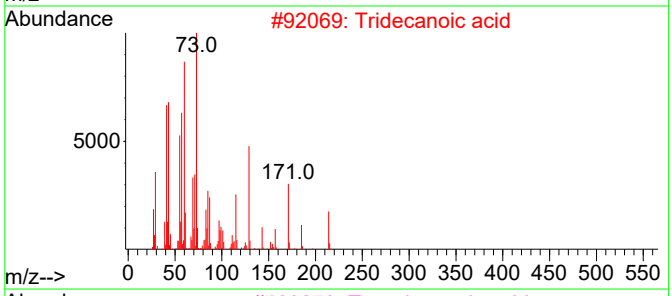
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Undecanoic acid	186	C11H22O2	000112-37-8	74

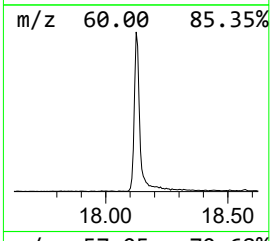


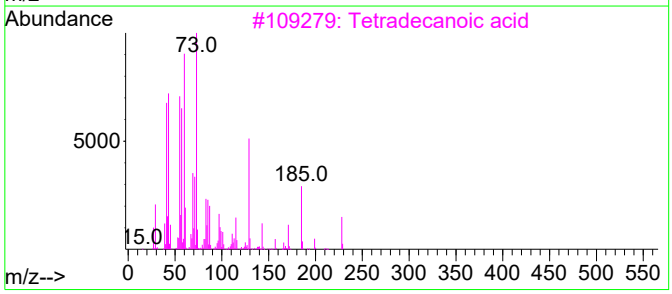


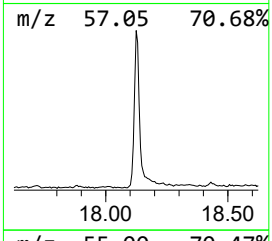


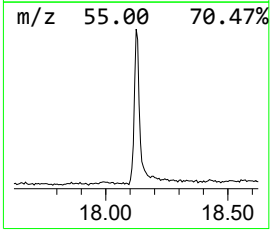












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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

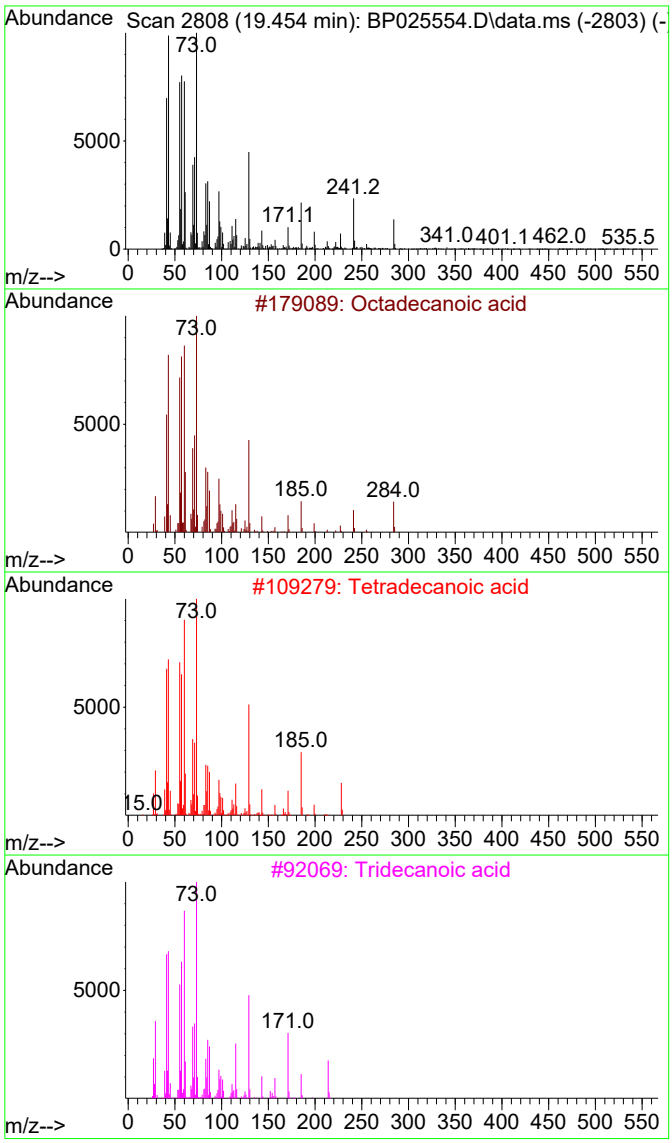
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

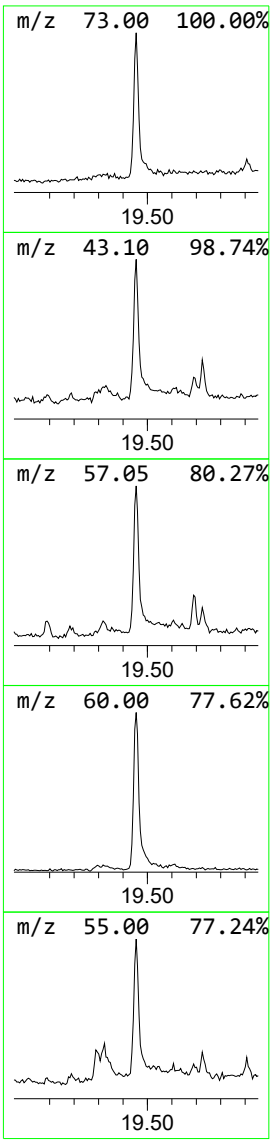
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.454	5.25 ng	642656	Chrysene-d12	21.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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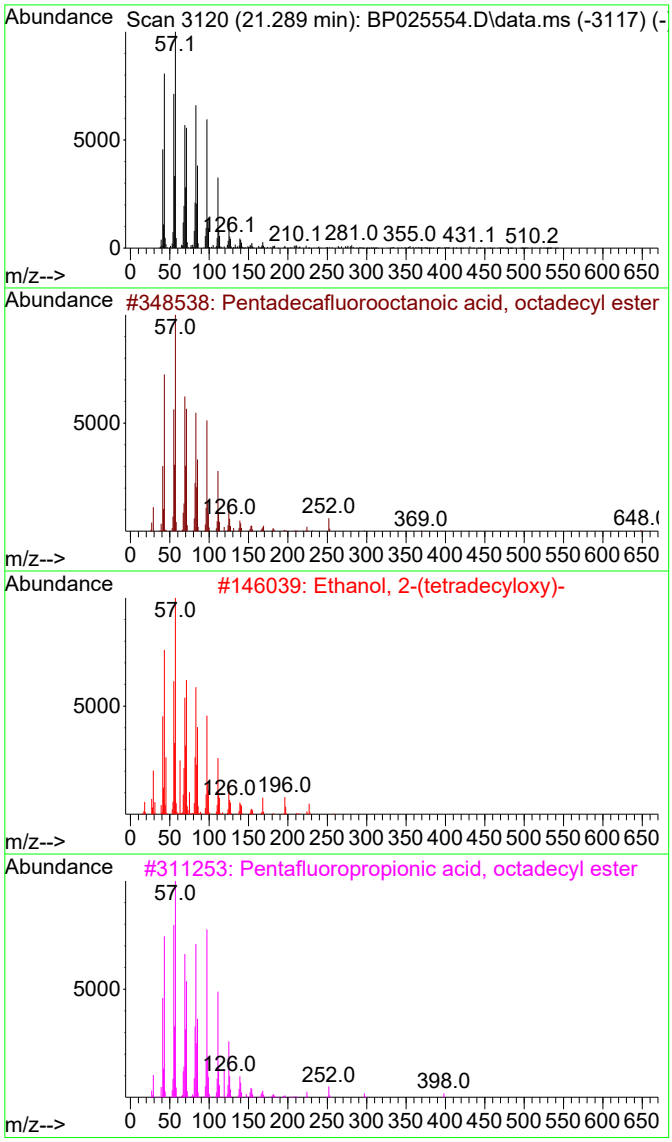
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

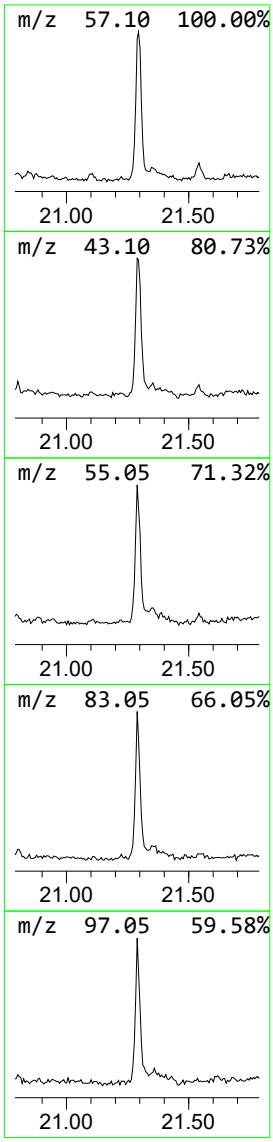
****

Peak Number 7 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.289	4.87 ng	596773	Chrysene-d12	21.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87





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...	3.031	80.2	ng	3746620	1	7.778	934843	20.0
1,1,3-Trimethox...	3.072	4.1	ng	189950	1	7.778	934843	20.0
2-Pentanone, 4-...	4.937	8.6	ng	401809	1	7.778	934843	20.0
Benzophenone	15.766	7.6	ng	658809	3	14.378	1724870	20.0
n-Hexadecanoic ...	18.124	13.9	ng	1485530	4	17.183	2133560	20.0
Octadecanoic acid	19.454	5.3	ng	642656	5	21.618	2449160	20.0
Pentadecafluoro...	21.289	4.9	ng	596773	5	21.618	2449160	20.0