LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025553.D
Acq On : 22 Aug 2025 17:39
Operator : CG/JU
Sample : Q2934-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV-SW01

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: BP025553.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.984	6	8	12	rVB2	141802	148438	1.32%	0.278%
2	3.031	12	16	22	rVV	3216525	4005225	35.68%	7.494%
3	3.078	22	24	35	rVB	150948	176585	1.57%	0.330%
4	4.937	335	340	349	rVB	252618	360971	3.22%	0.675%
5	5.396	409	418	430	rBV	1910734	2914590	25.96%	5.454%
6	6.960	675	684	699	rBV	1407531	2354180	20.97%	4.405%
7	7.778	813	823	830	rBV	585418	966667	8.61%	1.809%
8	8.919	1009	1017	1029	rBV	2050887	3495102	31.13%	6.540%
9	10.542	1285	1293	1302	rBV	728722	1296566	11.55%	2.426%
10	13.001	1703	1711	1723	rBV	4557046	7565230	67.39%	14.156%
11	14.395	1941	1948	1955	rBV	1095571	1700826	15.15%	3.183%
12	15.771	2176	2182	2190	rBV	395577	628661	5.60%	1.176%
13	15.907	2198	2205	2215	rBV	4317802	6358137	56.64%	11.897%
14	16.148	2242	2246	2256	rVB	91308	127147	1.13%	0.238%
15	17.201	2419	2425	2430	rBV	1513735	2118400	18.87%	3.964%
16	17.260	2430	2435	2440	rBV3	110890	187265	1.67%	0.350%
17	18.130	2578	2583	2593	rBV	797685	1298616	11.57%	2.430%
18	18.818	2697	2700	2704	rVB	105563	120425	1.07%	0.225%
19	19.454	2805	2808	2819	rBV2	208193	323613	2.88%	0.606%
20	19.907	2879	2885	2894	rVB	6735600	11226276	100.00%	21.006%
21	21.301	3118	3122	3127	rBV	436304	613722	5.47%	1.148%
22	21.630	3173	3178	3184	rBV	1747238	2655256	23.65%	4.968%
23	24.995	3743	3750	3763	rVB	1011194	2800364	24.94%	5.240%

Sum of corrected areas: 53442262

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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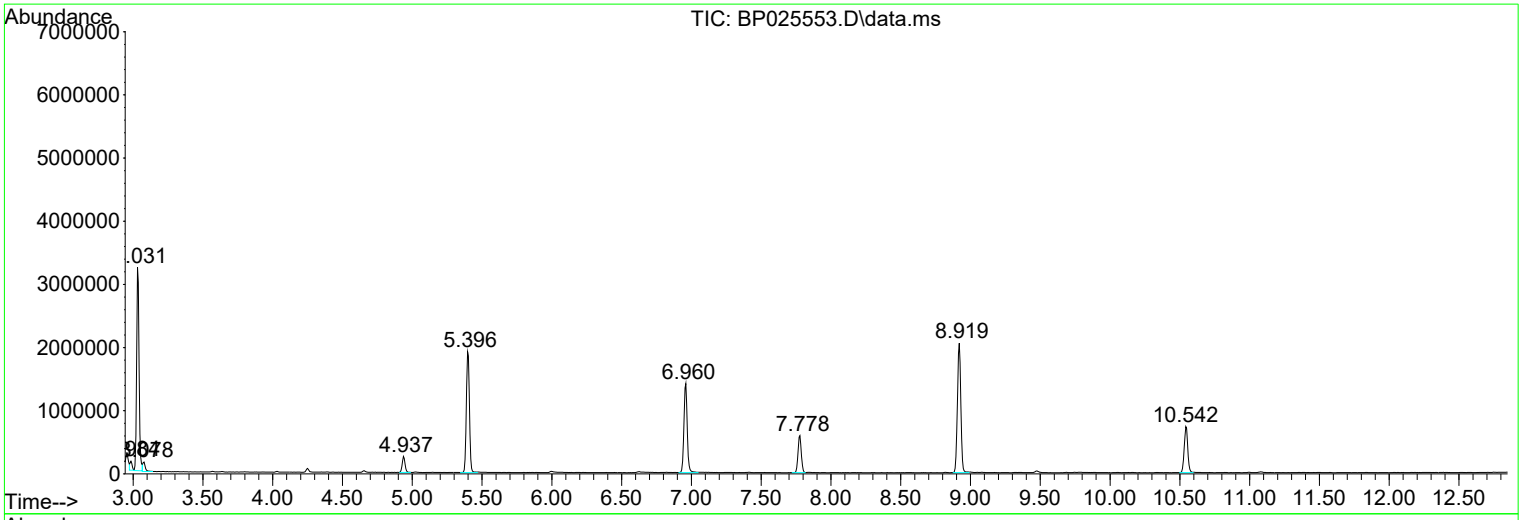
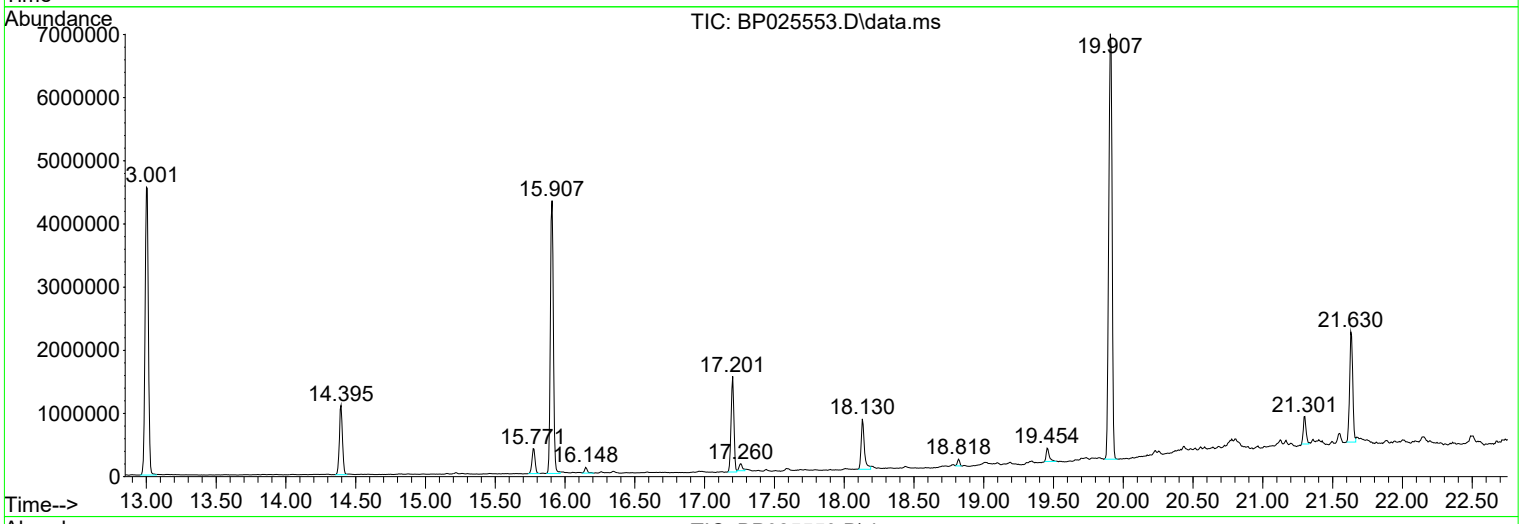
Misc :
ALS Vial : 11 Sample Multiplier: 1

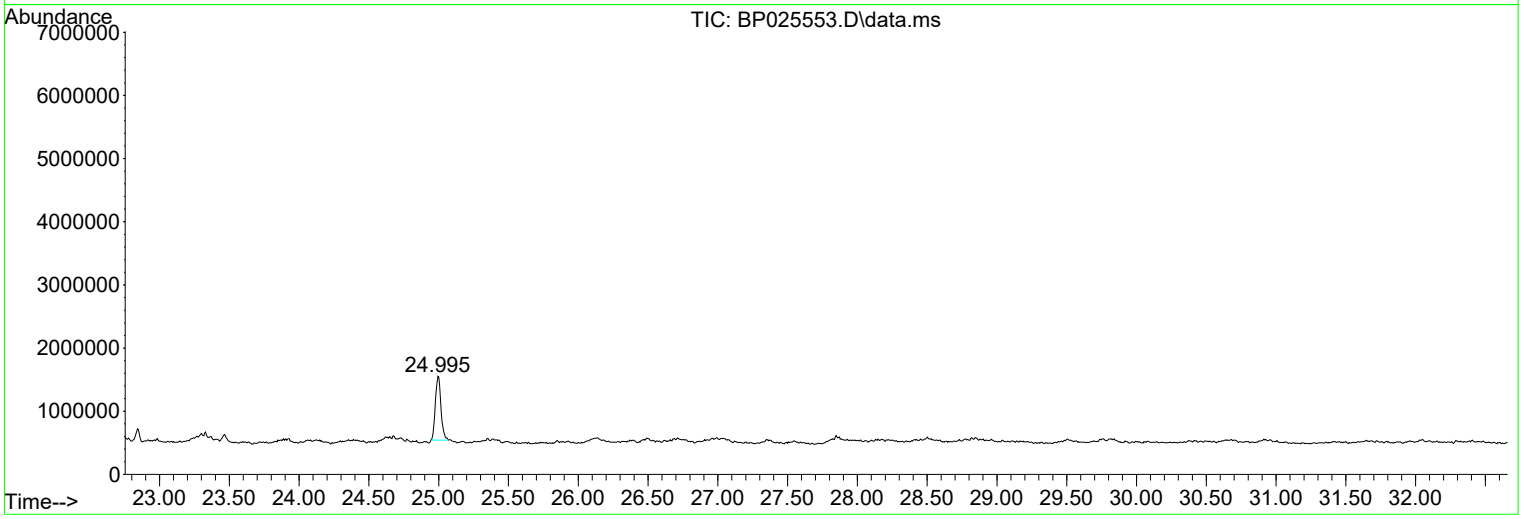
Instrument :
BNA_P
ClientSampleId :
ENV-SW01

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 : BP025553.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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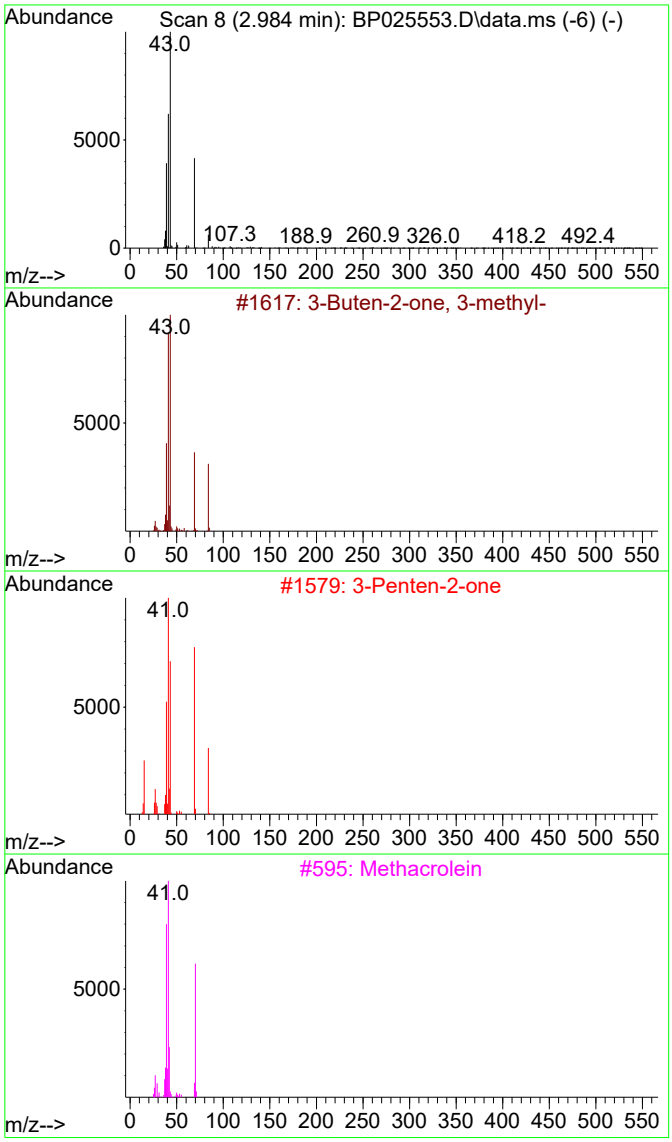
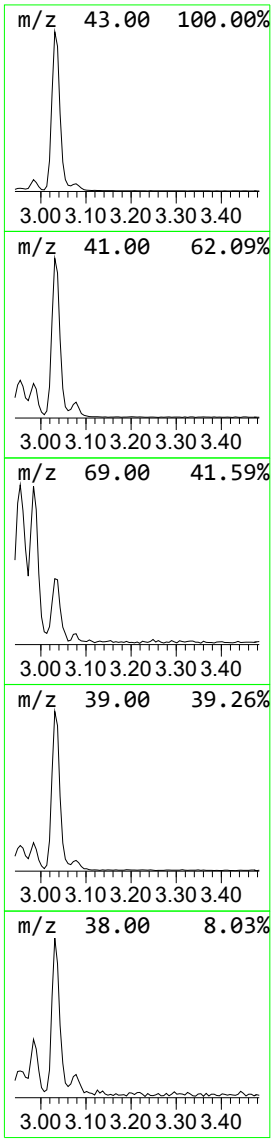
****

Peak Number 1 unknown2.984 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.984	3.07 ng	148438	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	38
2	3-Penten-2-one	84	C5H8O	000625-33-2	36
3	Methacrolein	70	C4H6O	000078-85-3	9
4	Cyclopropanecarboxylic acid, met...	100	C5H8O2	002868-37-3	9
5	Cyclopropanecarboxylic acid, 5-f...	225	C10H8FNO4	1000278-66-5	9





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Data File : BP025553.D
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Sample : Q2934-01
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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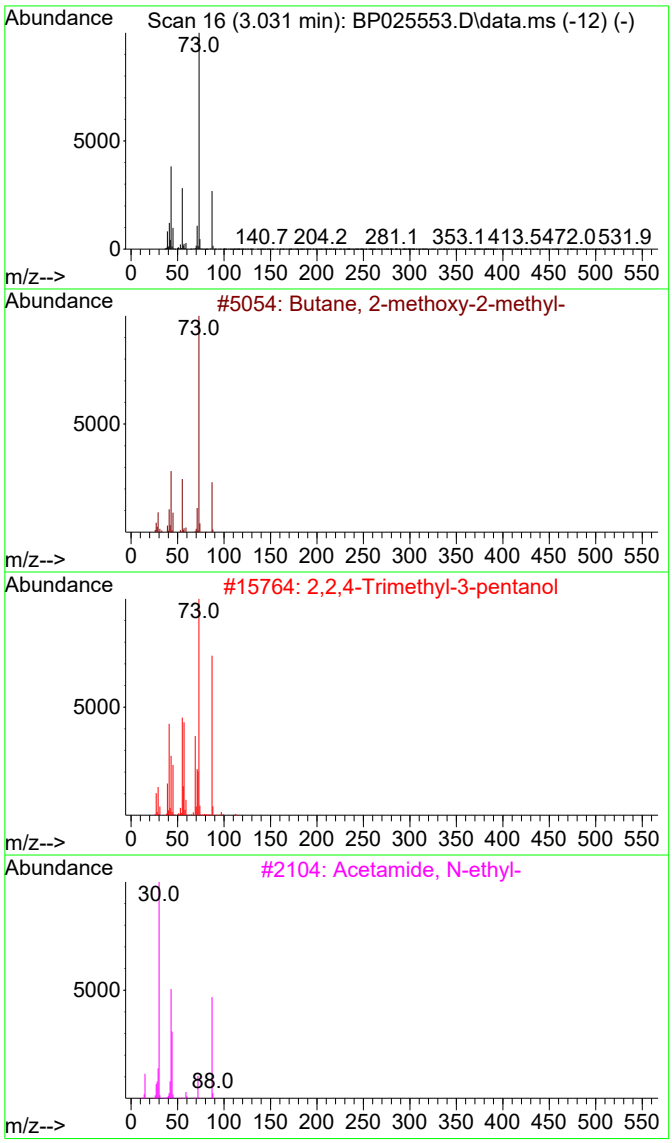
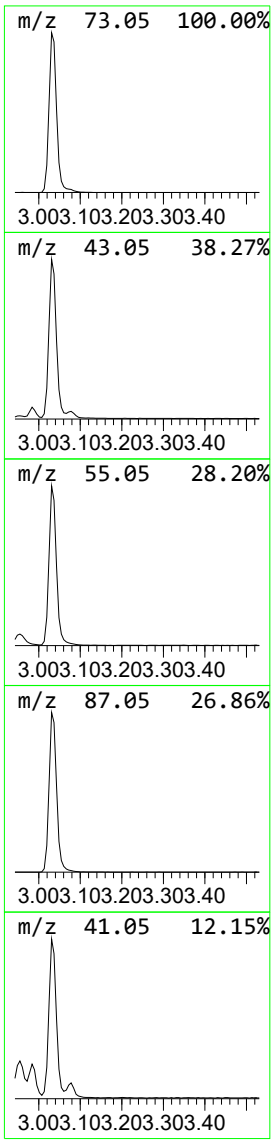
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	82.87 ng	4005230	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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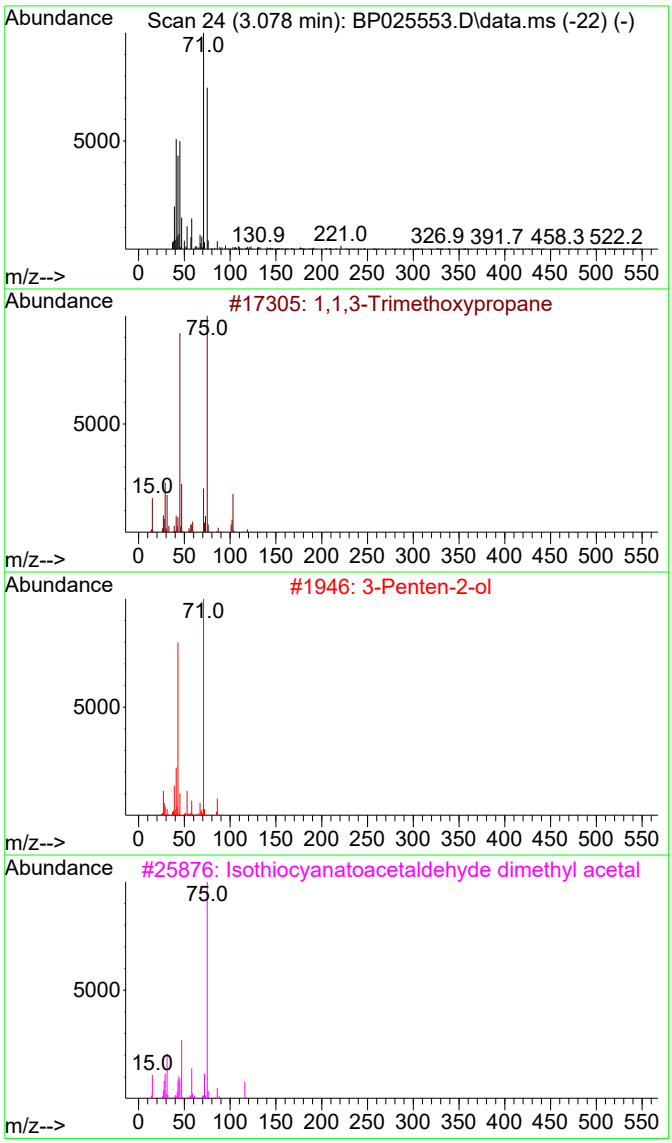
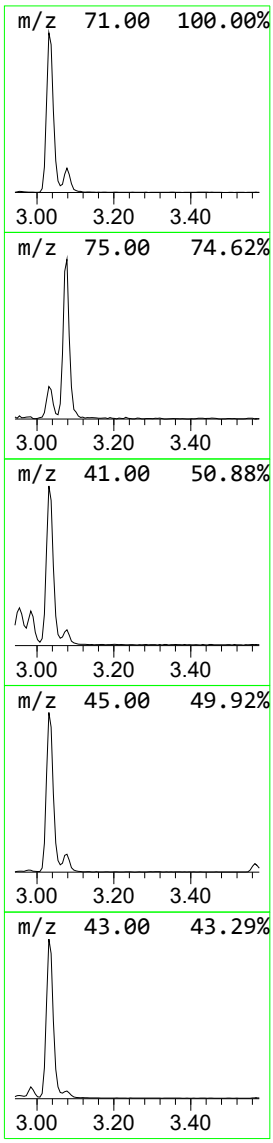
Peak Number 3 unknown3.078 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.078	3.65 ng	176585	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	28
2	3-Penten-2-ol	86	C5H10O	001569-50-2	27
3	Isothiocyanatoacetaldehyde dimet...	147	C5H9NO2S	075052-04-9	25
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	25
5	1,2,4-Butanetriol	106	C4H10O3	003068-00-6	25





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Acq On : 22 Aug 2025 17:39
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Sample : Q2934-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
ENV-SW01

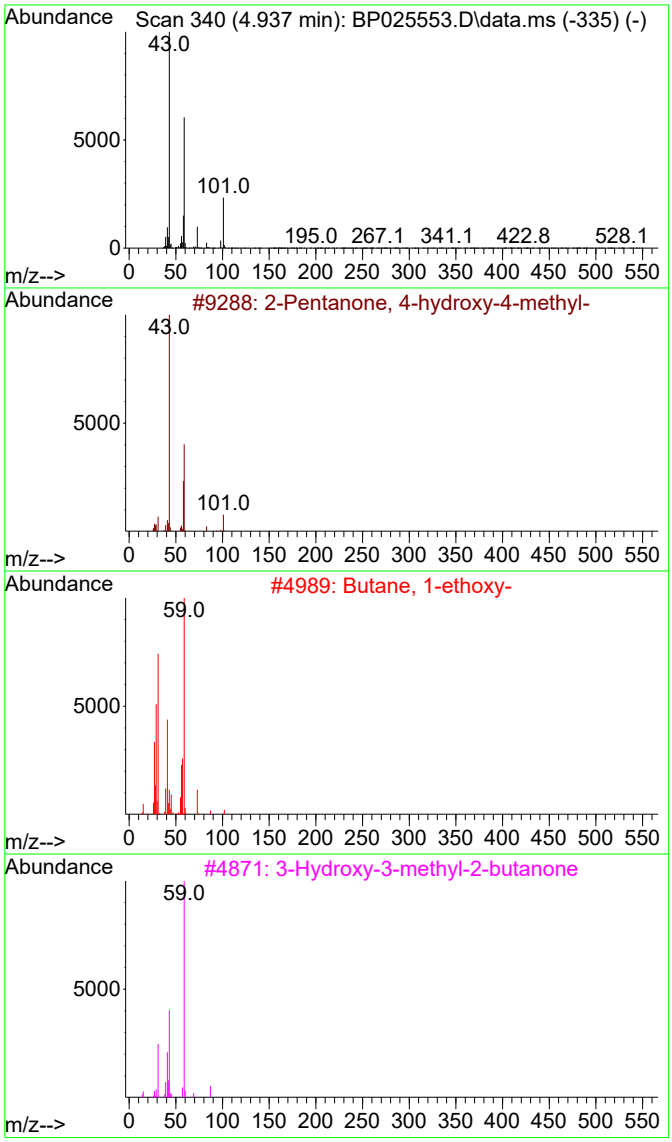
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

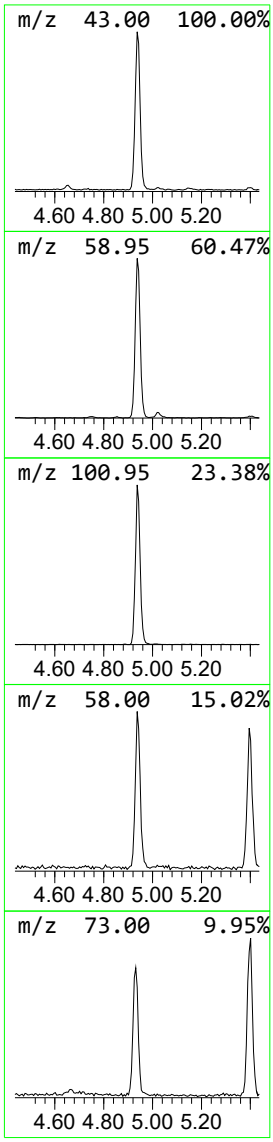
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	7.47 ng	360971	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	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	23
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	12





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Instrument :
BNA_P
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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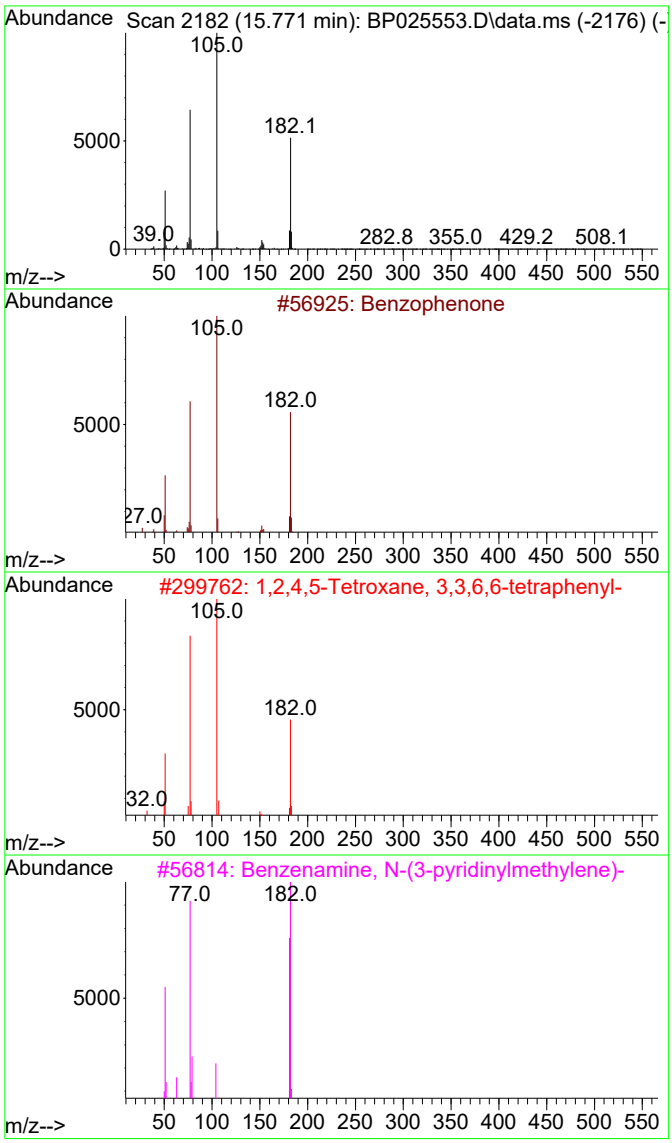
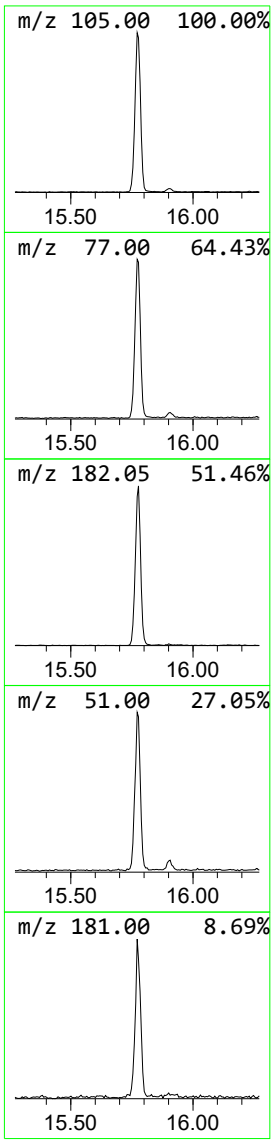
****

Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.772	7.39 ng	628661	Acenaphthene-d10	14.395

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	59
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	Azobenzene	182	C12H10N2	000103-33-3	47





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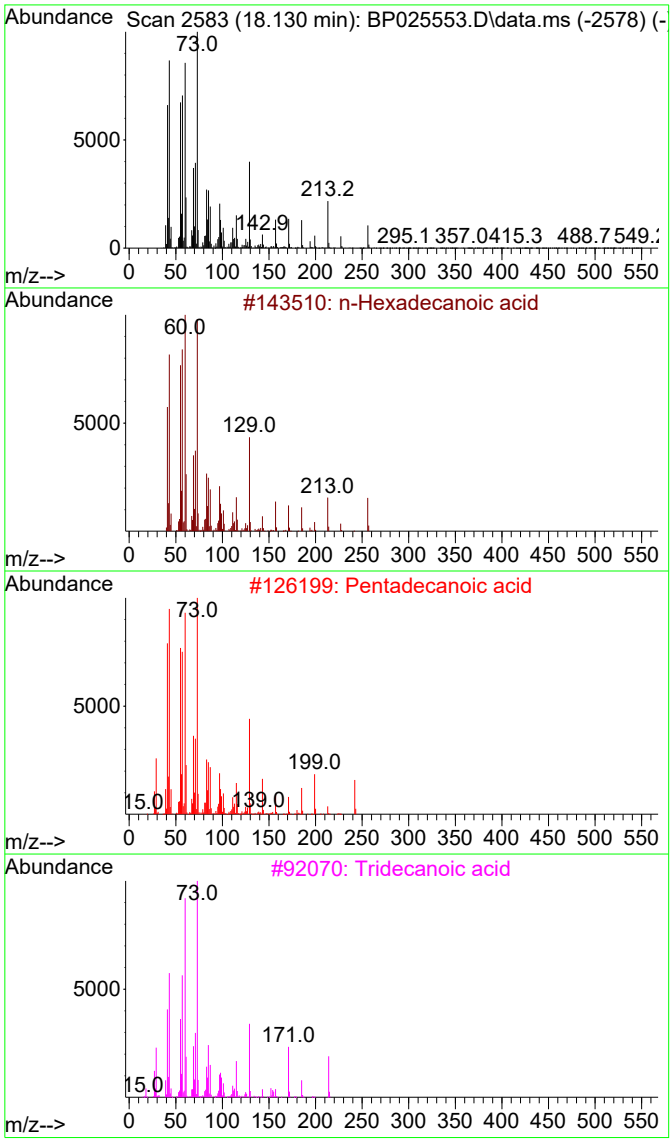
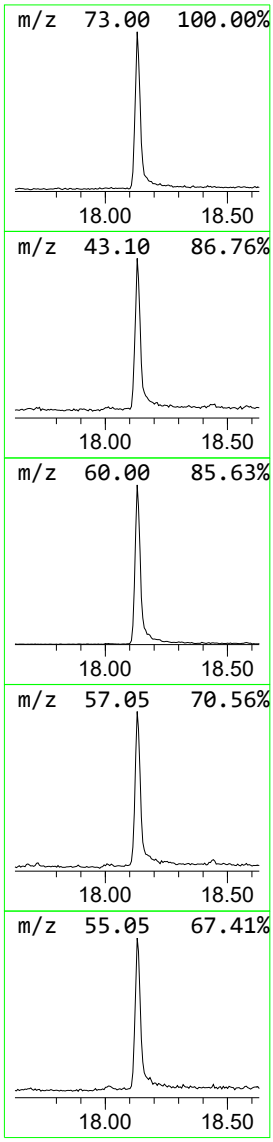
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	12.26 ng	1298620	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	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Sample : Q2934-01
Misc :
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Instrument :
BNA_P
ClientSampleId :
ENV-SW01

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

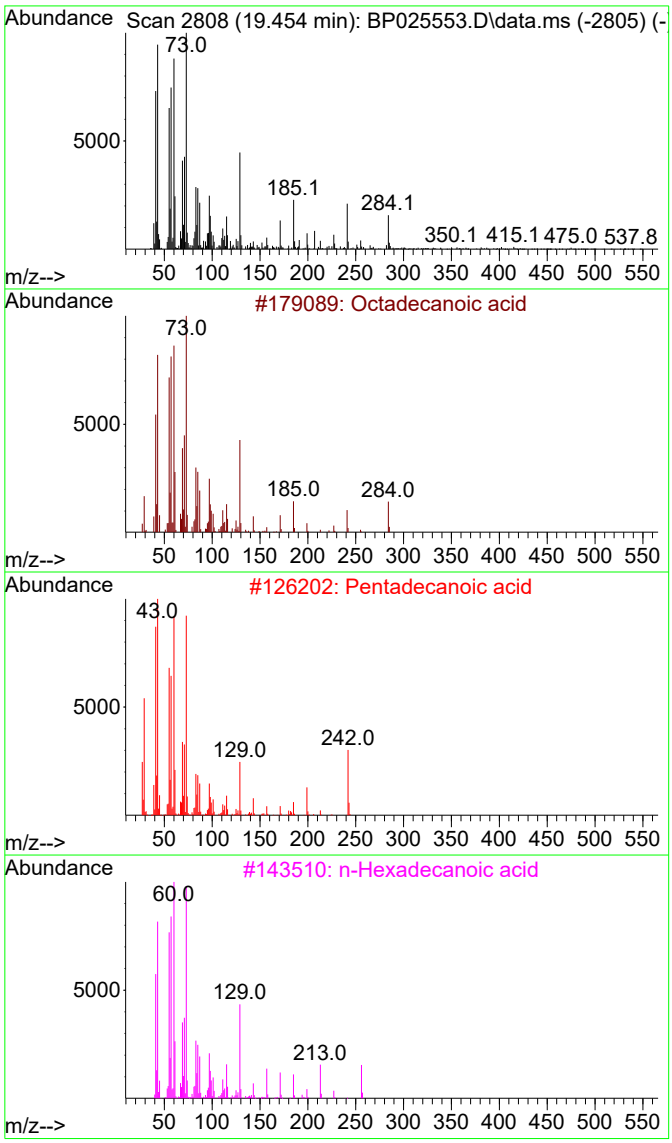
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

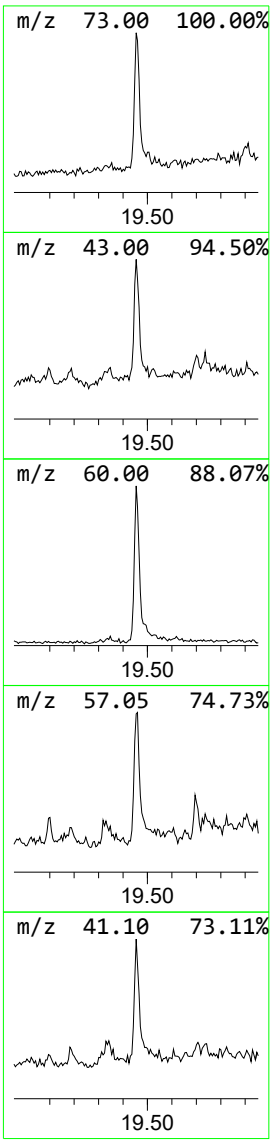
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.454	2.44 ng	323613	Chrysene-d12	21.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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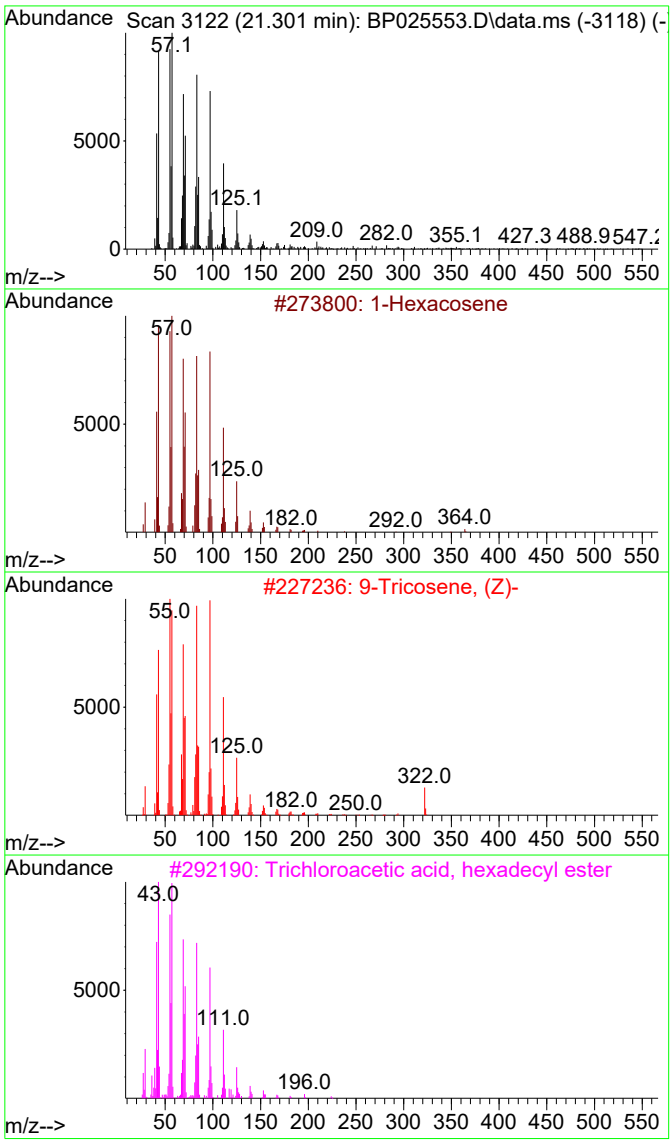
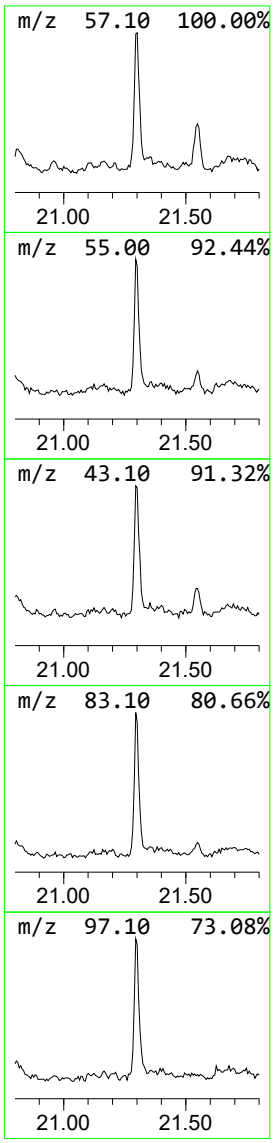
****

Peak Number 8 1-Hexacosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.301	4.62 ng	613722	Chrysene-d12	21.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94





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
unknown2.984	2.984	3.1	ng	148438	1	7.778	966667	20.0
Butane, 2-metho...	3.031	82.9	ng	4005230	1	7.778	966667	20.0
unknown3.078	3.078	3.6	ng	176585	1	7.778	966667	20.0
2-Pentanone, 4-...	4.937	7.5	ng	360971	1	7.778	966667	20.0
Benzophenone	15.772	7.4	ng	628661	3	14.395	1700830	20.0
n-Hexadecanoic ...	18.130	12.3	ng	1298620	4	17.201	2118400	20.0
Octadecanoic acid	19.454	2.4	ng	323613	5	21.630	2655260	20.0
1-Hexacosene	21.301	4.6	ng	613722	5	21.630	2655260	20.0