LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025555.D
Acq On : 22 Aug 2025 19:02
Operator : CG/JU
Sample : Q2934-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV-SW03

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: BP025555.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	12	16	21	rBV	3323573	3780963	27.30%	6.072%
2	3.072	21	23	33	rVB	129456	171055	1.24%	0.275%
3	4.249	218	223	230	rBV	100957	141940	1.02%	0.228%
4	4.937	334	340	347	rBV	297903	415863	3.00%	0.668%
5	5.402	412	419	428	rBV	2171542	3166552	22.87%	5.085%
6	6.960	677	684	699	rBV	1644692	2705277	19.54%	4.344%
7	7.778	816	823	830	rBV	656979	1005316	7.26%	1.614%
8	8.913	1008	1016	1029	rBV	2238111	3787708	27.35%	6.083%
9	10.543	1285	1293	1309	rBV	806140	1483103	10.71%	2.382%
10	13.001	1704	1711	1730	rBV	5847734	8381573	60.53%	13.460%
11	14.389	1941	1947	1957	rBV	1366236	2063884	14.90%	3.314%
12	15.778	2177	2183	2189	rBV	595267	859409	6.21%	1.380%
13	15.901	2198	2204	2215	rBV	5091616	7515827	54.27%	12.070%
14	16.148	2241	2246	2255	rVB	128024	184081	1.33%	0.296%
15	17.189	2417	2423	2430	rBV	1732110	2614422	18.88%	4.198%
16	17.260	2430	2435	2439	rVV2	180572	230845	1.67%	0.371%
17	18.130	2578	2583	2594	rBV	1494674	2098186	15.15%	3.369%
18	19.460	2805	2809	2820	rBV	550366	790999	5.71%	1.270%
19	19.913	2880	2886	2899	rVB	10341737	13847919	100.00%	22.238%
20	21.301	3117	3122	3128	rBV	536235	866354	6.26%	1.391%
21	21.630	3172	3178	3185	rBV2	1940715	2981871	21.53%	4.789%
22	24.989	3742	3749	3760	rVB	1216251	3177692	22.95%	5.103%

Sum of corrected areas: 62270839

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
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Instrument :
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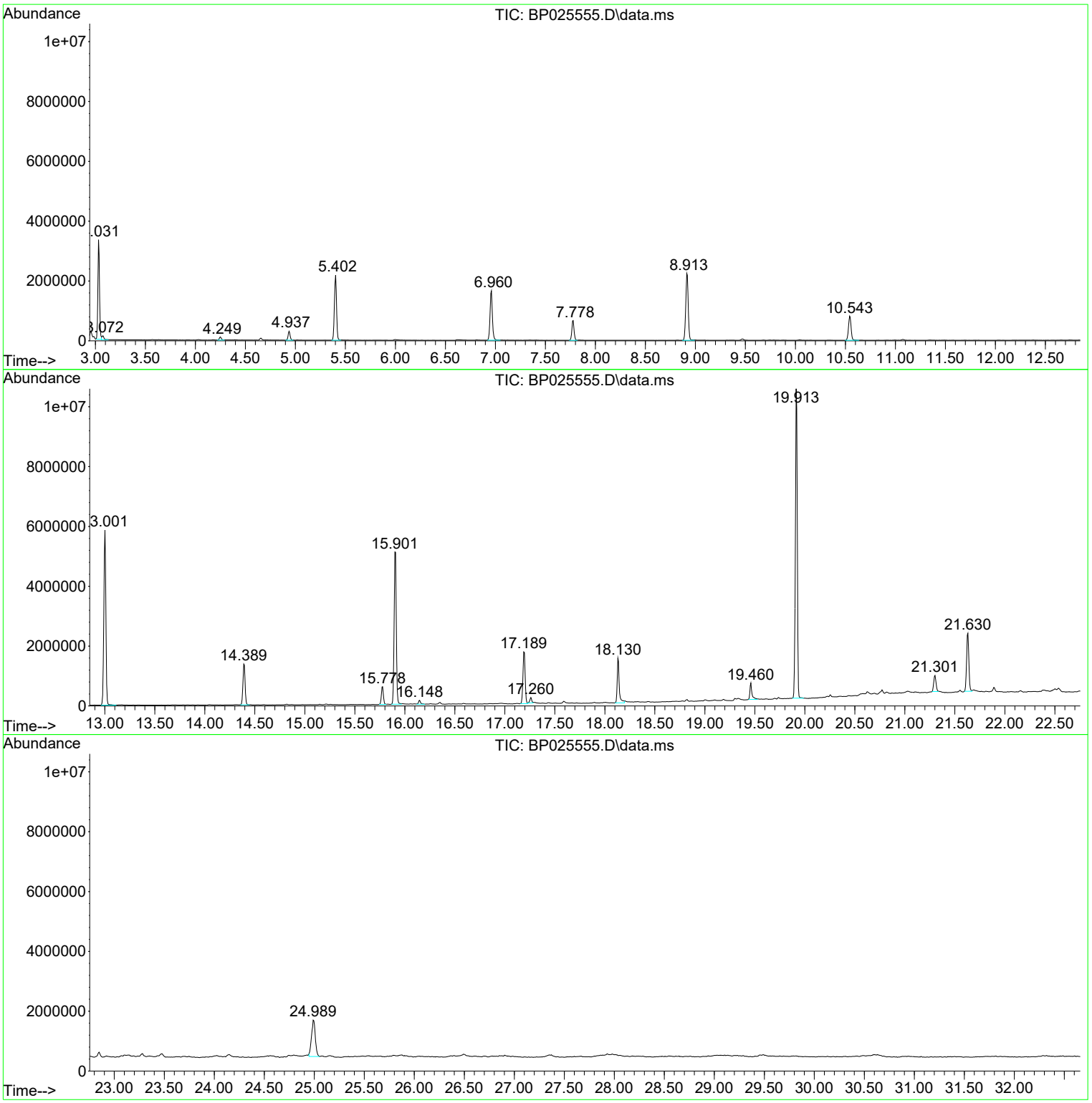
ClientSampleId :
ENV-SW03

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 : BP025555.D
Acq On : 22 Aug 2025 19:02
Operator : CG/JU
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

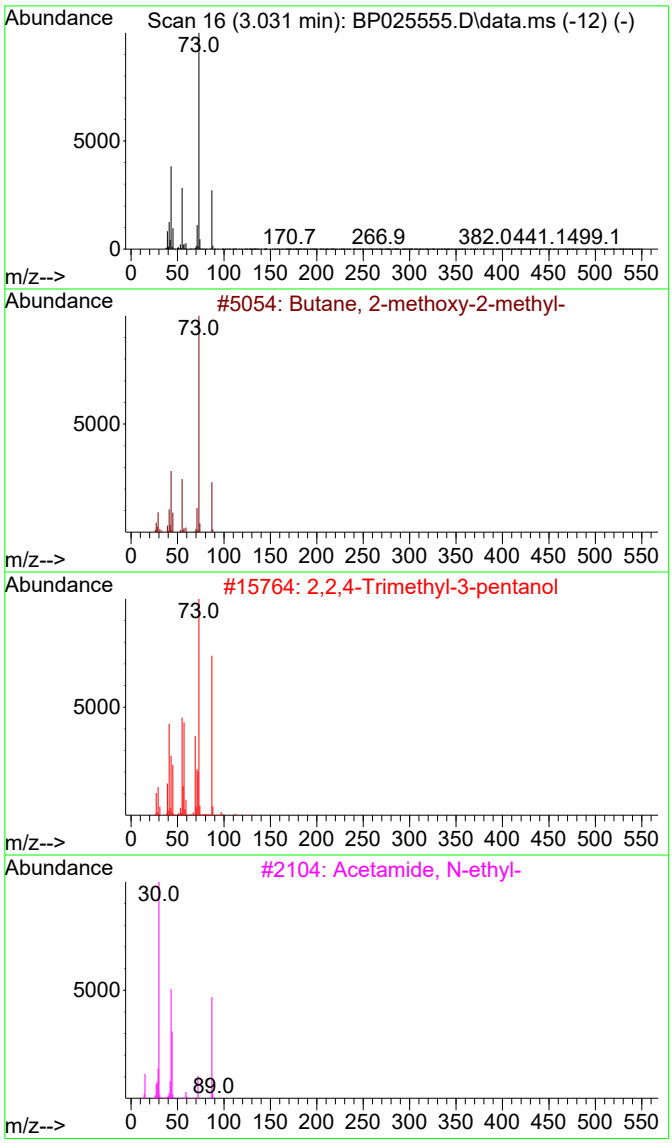
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

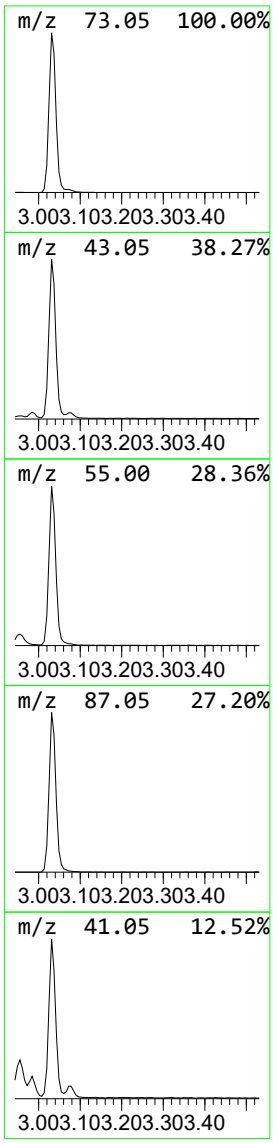
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	75.22 ng	3780960	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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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TIC Library : C:\Database\NIST20.L
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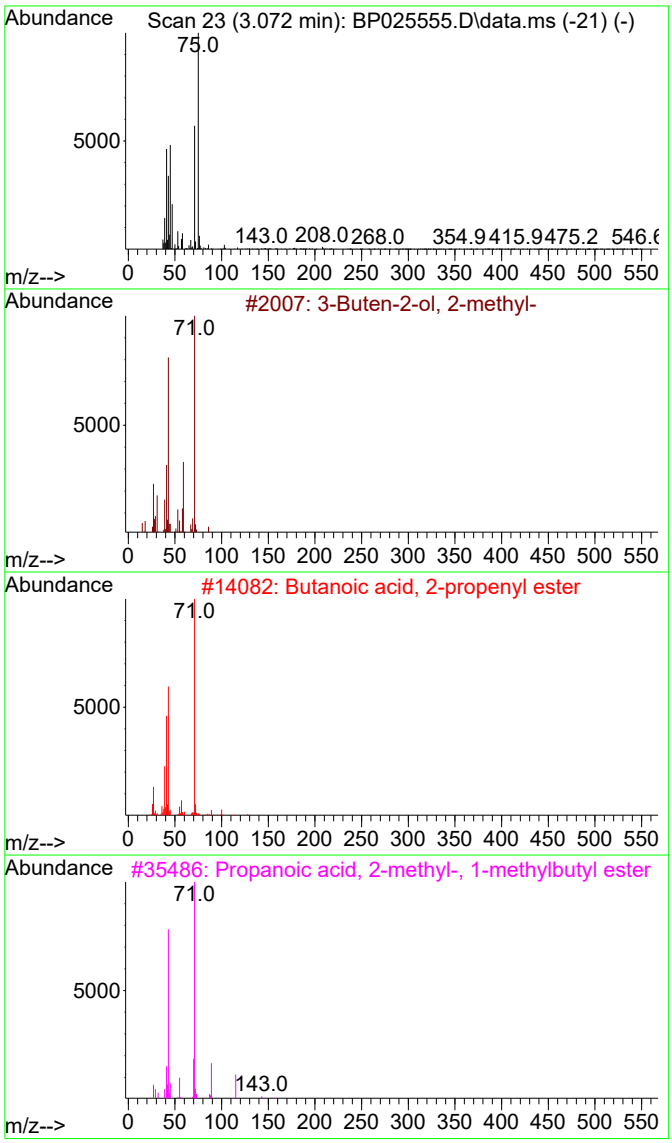
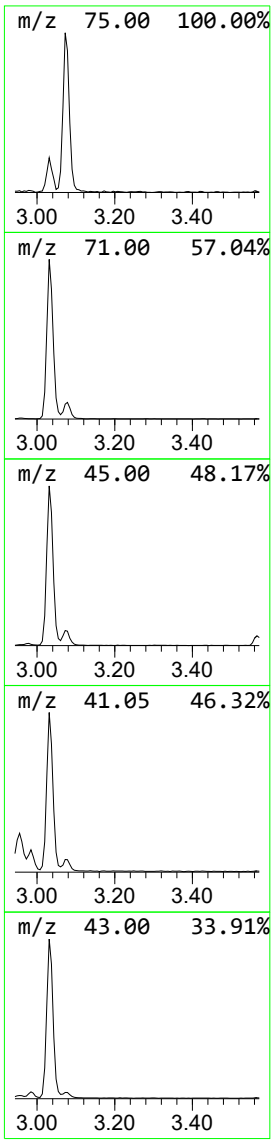
Peak Number 2 unknown3.072 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.072	3.40 ng	171055	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	10
2	Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	10
3	Propanoic acid, 2-methyl-, 1-met...	158	C9H18O2	054340-93-1	9
4	.+/-.-Tetrahydro-3-furanmethanol	102	C5H10O2	015833-61-1	9
5	Succinic acid, pentyl tetrahydro...	272	C14H24O5	1000329-86-3	9





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Data File : BP025555.D
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Operator : CG/JU
Sample : Q2934-03
Misc :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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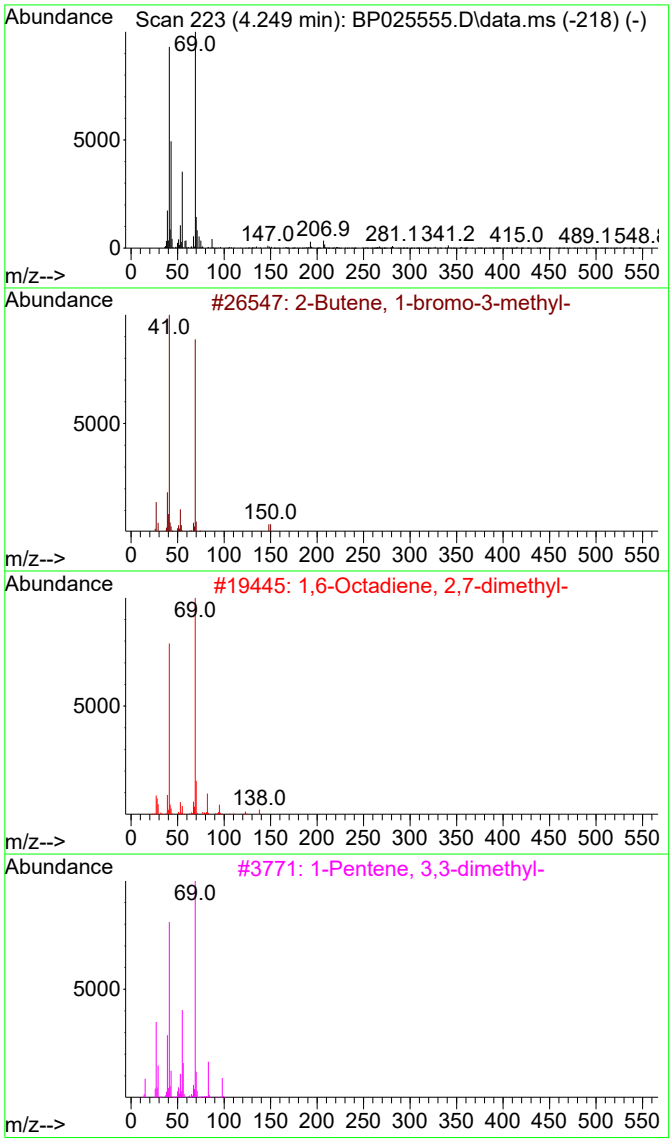
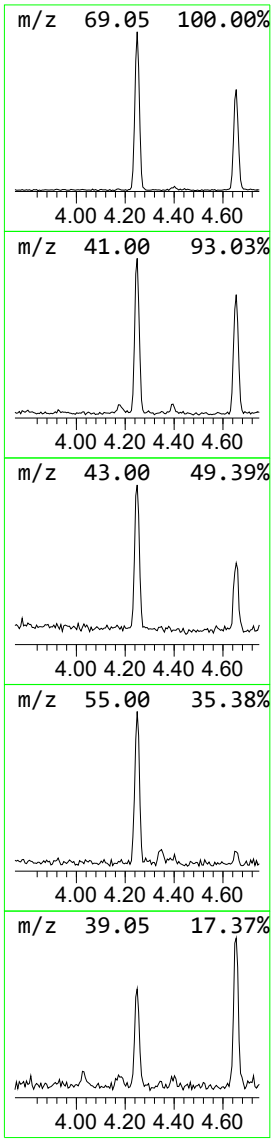
Peak Number 3 2-Butene, 1-bromo-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.249	2.82 ng	141940	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	53
2	1,6-Octadiene, 2,7-dimethyl-	138	C10H18	040195-09-3	45
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	45
4	2-Butyn-1-ol	70	C4H6O	000764-01-2	45
5	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	36





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Acq On : 22 Aug 2025 19:02
Operator : CG/JU
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Instrument :
BNA_P
ClientSampleId :
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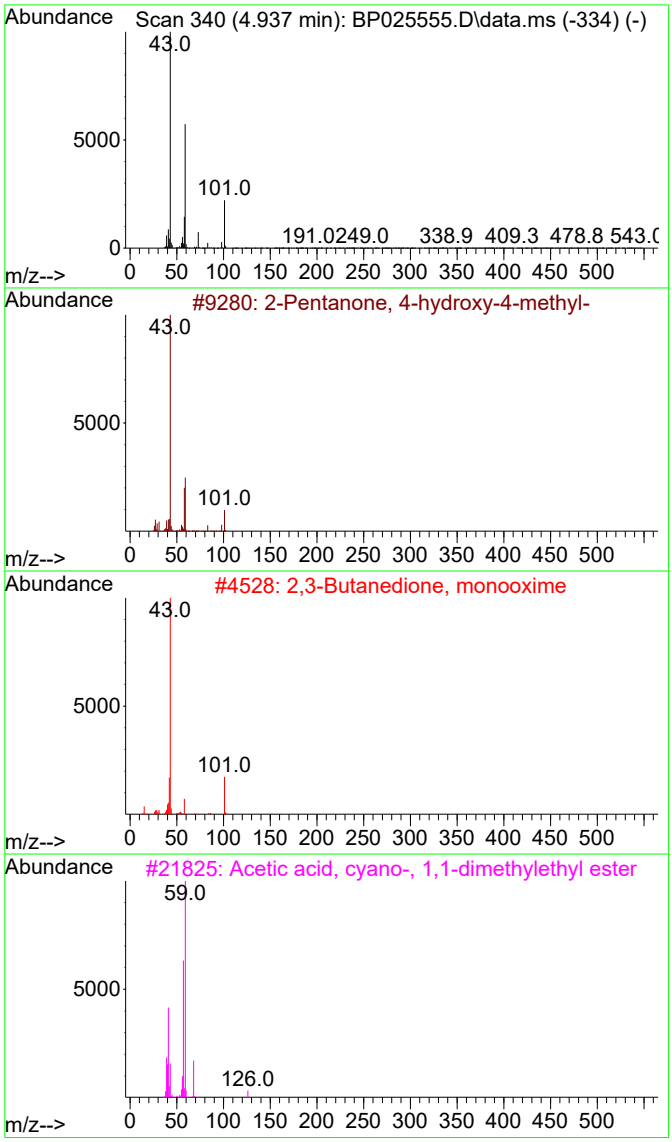
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

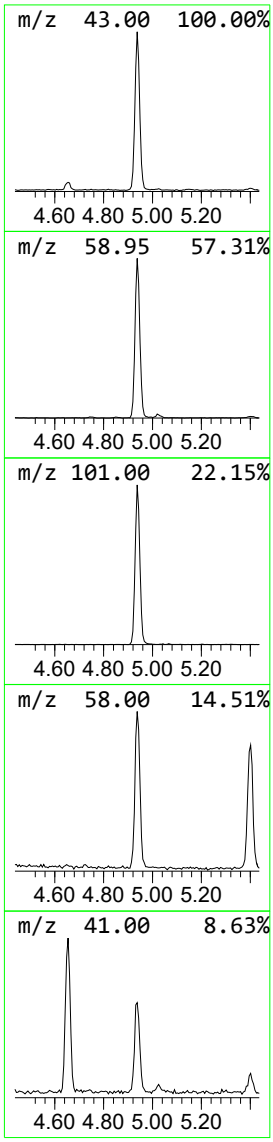
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	8.27 ng	415863	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	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9





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Data File : BP025555.D
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Operator : CG/JU
Sample : Q2934-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ENV-SW03

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

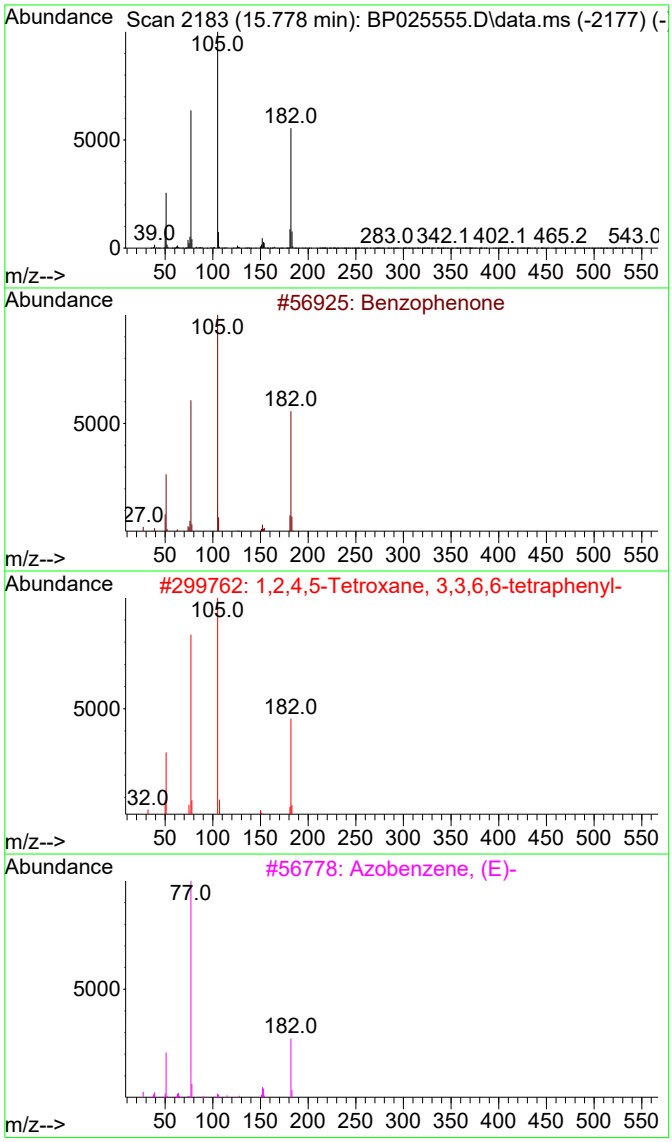
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

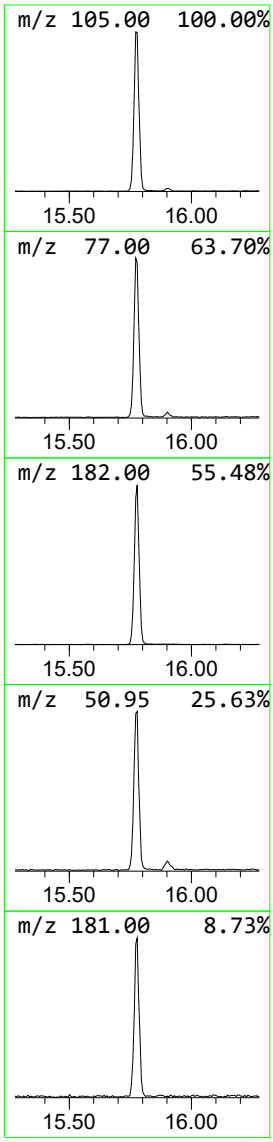
****

Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	8.33 ng	859409	Acenaphthene-d10	14.389

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	Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	53





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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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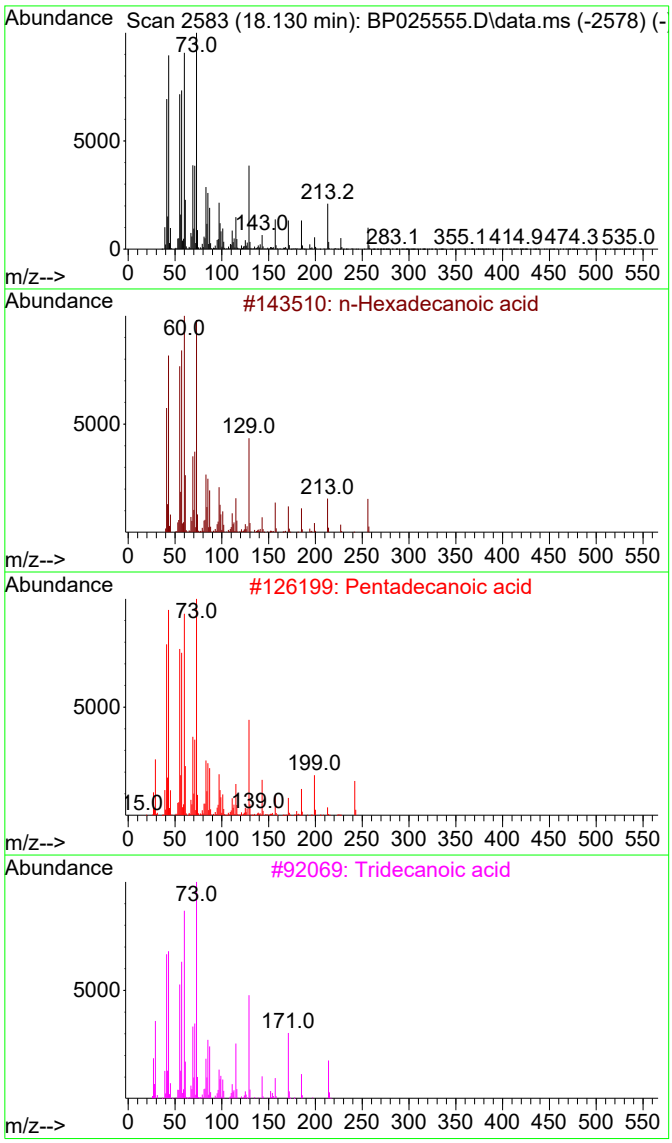
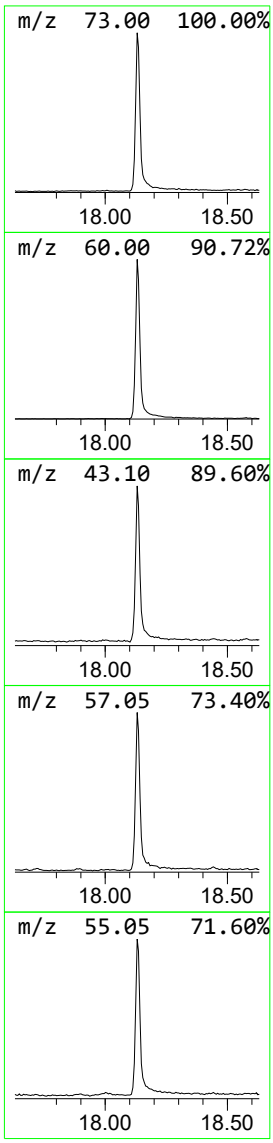
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	16.05 ng	2098190	Phenanthrene-d10	17.189

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	92
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Instrument :
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ClientSampleId :
ENV-SW03

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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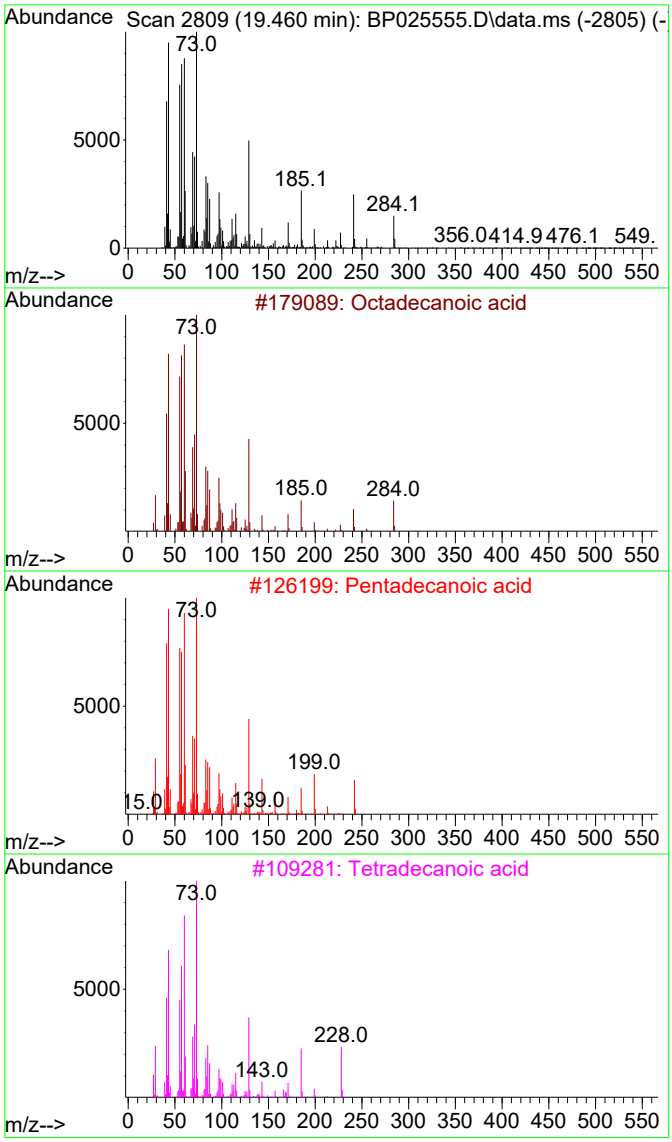
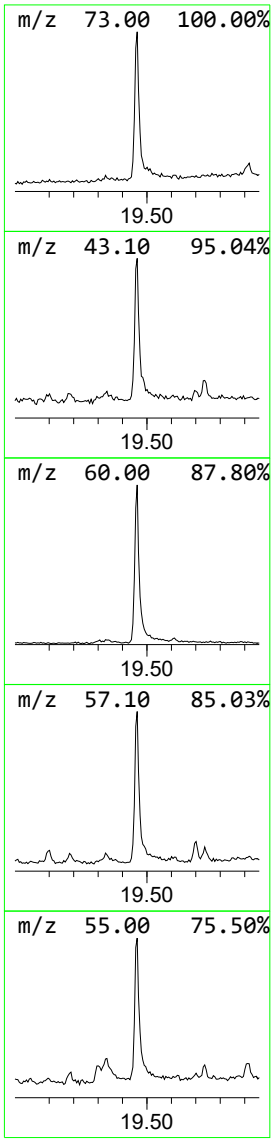
Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.460	5.31 ng	790999	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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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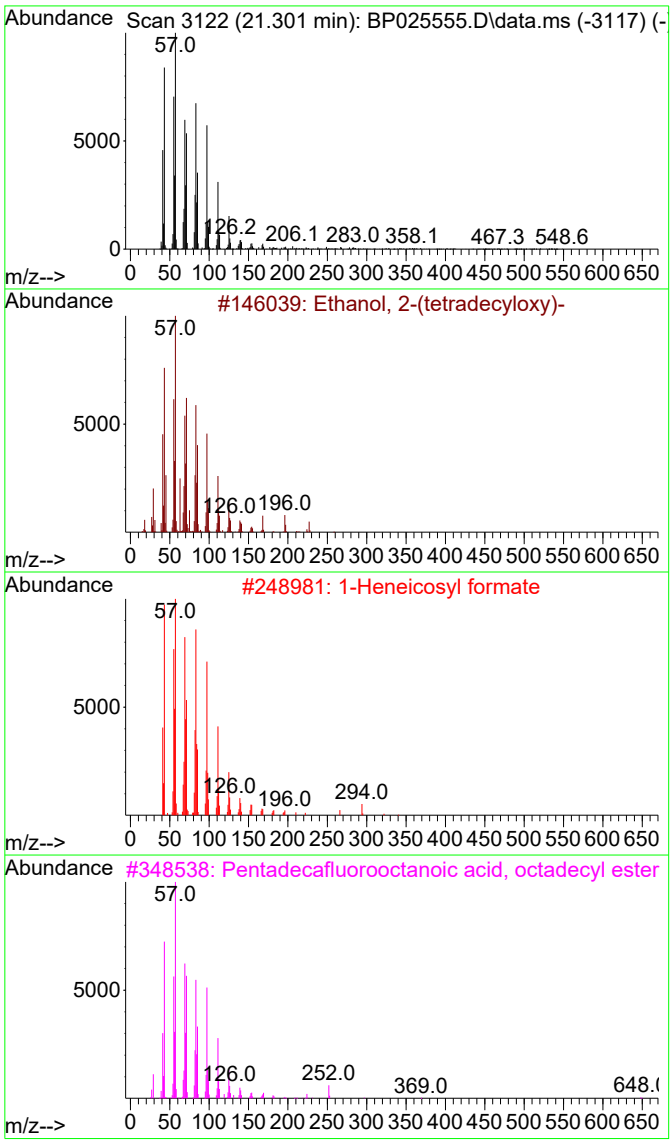
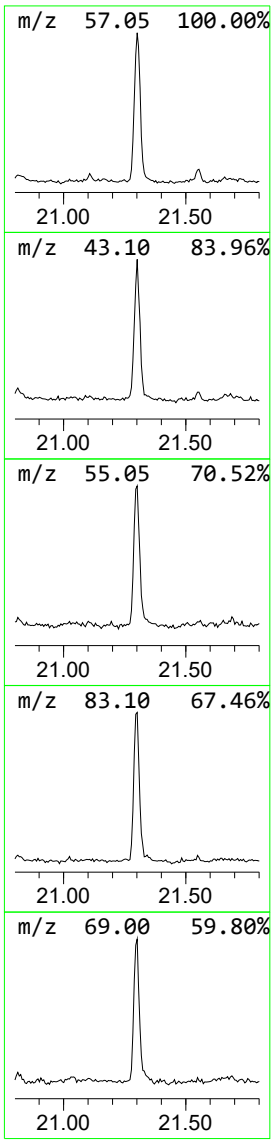
Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.301	5.81 ng	866354	Chrysene-d12	21.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	93
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93





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	75.2	ng	3780960	1	7.778	1005320	20.0
unknown3.072	3.072	3.4	ng	171055	1	7.778	1005320	20.0
2-Butene, 1-bro...	4.249	2.8	ng	141940	1	7.778	1005320	20.0
2-Pentanone, 4-...	4.937	8.3	ng	415863	1	7.778	1005320	20.0
Benzophenone	15.778	8.3	ng	859409	3	14.389	2063880	20.0
n-Hexadecanoic ...	18.130	16.1	ng	2098190	4	17.189	2614420	20.0
Octadecanoic acid	19.460	5.3	ng	790999	5	21.630	2981870	20.0
Ethanol, 2-(tet...	21.301	5.8	ng	866354	5	21.630	2981870	20.0