LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142344.D
Acq On : 13 May 2025 15:17
Operator : RC/JU
Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-DRUM-633-05092025

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_F\Methods\8270-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142344.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	3	7	14	rVB	3761937	5943551	7.94%	2.966%
2	2.440	14	42	48	rBV	6205454	35163059	46.98%	17.550%
3	3.393	192	204	219	rBV	2051945	4590112	6.13%	2.291%
4	3.675	239	252	271	rBV2	416573	1138933	1.52%	0.568%
5	5.522	555	566	578	rBV	577507	1156824	1.55%	0.577%
6	5.798	581	613	619	rVV	9461855	74847338	100.00%	37.357%
7	6.075	654	660	661	rBV2	940709	1292962	1.73%	0.645%
8	6.128	661	669	677	rVB	5663941	12846911	17.16%	6.412%
9	6.340	695	705	710	rBV2	747610	1100262	1.47%	0.549%
10	6.475	721	728	733	rBV	2905072	3886190	5.19%	1.940%
11	6.798	776	783	790	rVB	689007	968457	1.29%	0.483%
12	6.904	797	801	808	rVB	1082264	1440670	1.92%	0.719%
13	7.469	889	897	902	rBV	2960453	4277059	5.71%	2.135%
14	7.722	930	940	945	rVB	5282236	11459919	15.31%	5.720%
15	8.187	1014	1019	1025	rVB	1496432	1976052	2.64%	0.986%
16	8.245	1025	1029	1033	rBV	742357	911625	1.22%	0.455%
17	8.322	1033	1042	1047	rVV	1595369	2144151	2.86%	1.070%
18	9.028	1154	1162	1167	rBV	2624077	4034088	5.39%	2.013%
19	9.163	1179	1185	1190	rBV	1049632	1311603	1.75%	0.655%
20	9.263	1196	1202	1207	rVB	4940981	6650532	8.89%	3.319%
21	9.475	1230	1238	1247	rBV3	397869	878262	1.17%	0.438%
22	9.939	1312	1317	1322	rVB	1709464	2117320	2.83%	1.057%
23	10.292	1371	1377	1382	rVB	841953	1107253	1.48%	0.553%
24	10.728	1445	1451	1464	rVB	2303345	3212515	4.29%	1.603%
25	11.427	1565	1570	1575	rVB	1812177	2295974	3.07%	1.146%
26	11.951	1650	1659	1663	rBV2	470063	838123	1.12%	0.418%
27	12.739	1785	1793	1825	rBV	1106957	2171579	2.90%	1.084%
28	13.016	1833	1840	1845	rBV	5631829	7734297	10.33%	3.860%
29	14.063	2010	2018	2030	rVB	1280501	1701752	2.27%	0.849%
30	15.551	2265	2271	2285	rBV	733394	1162063	1.55%	0.580%

Sum of corrected areas: 200359436

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
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Acq On : 13 May 2025 15:17
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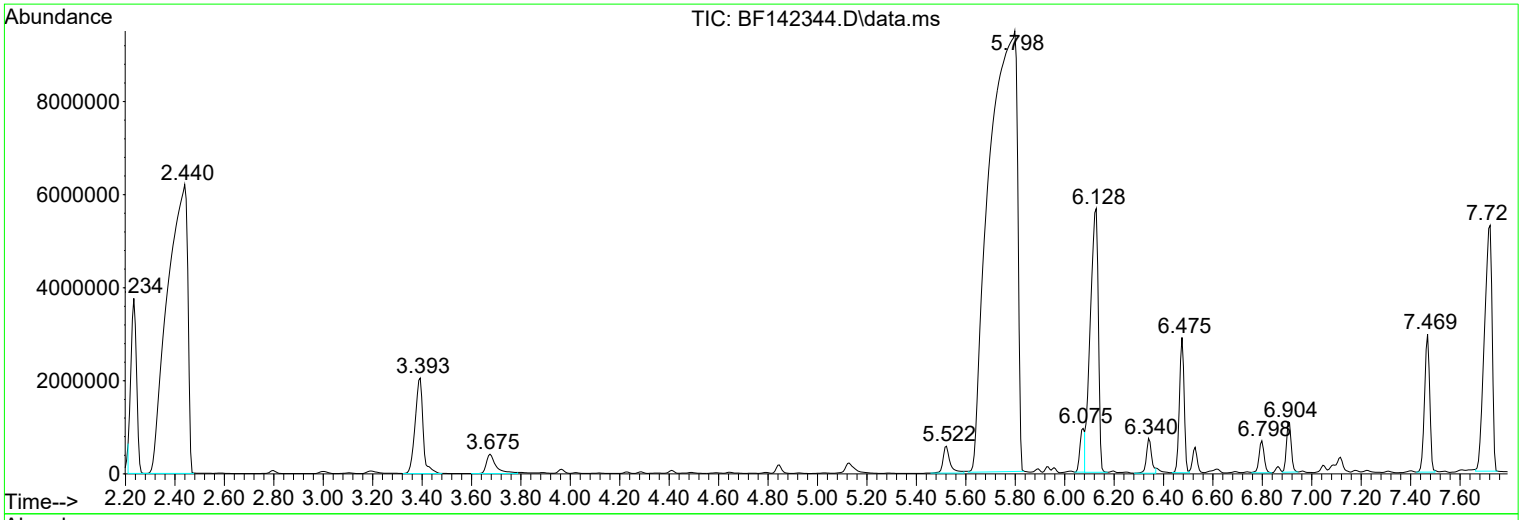
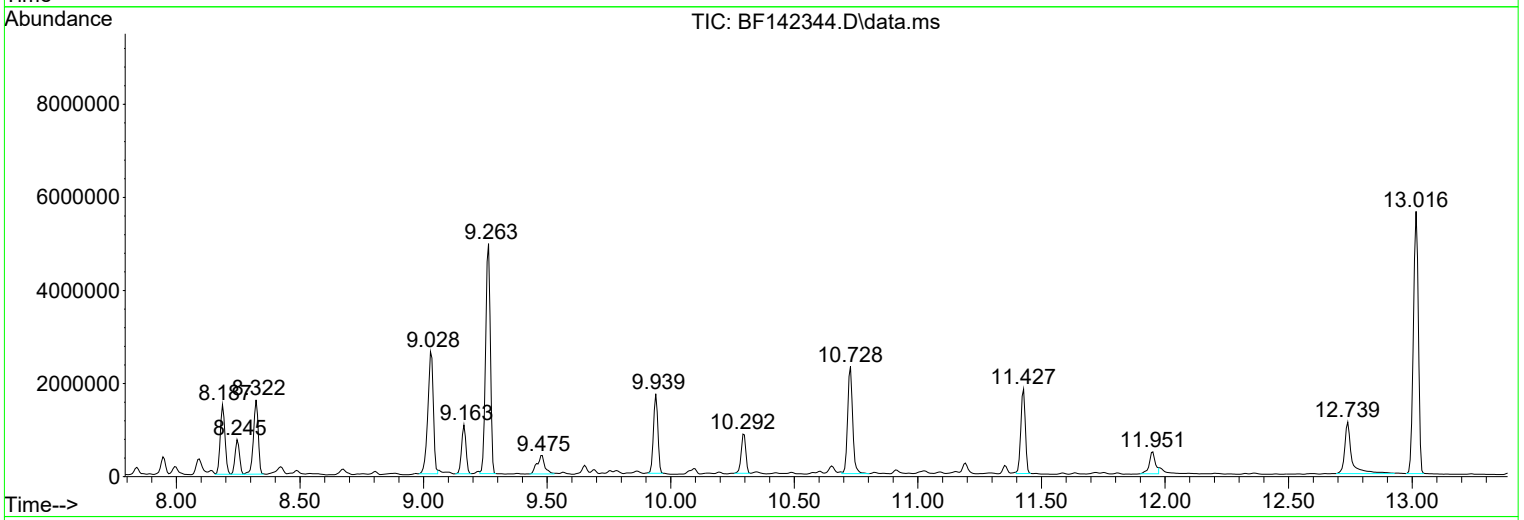
Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

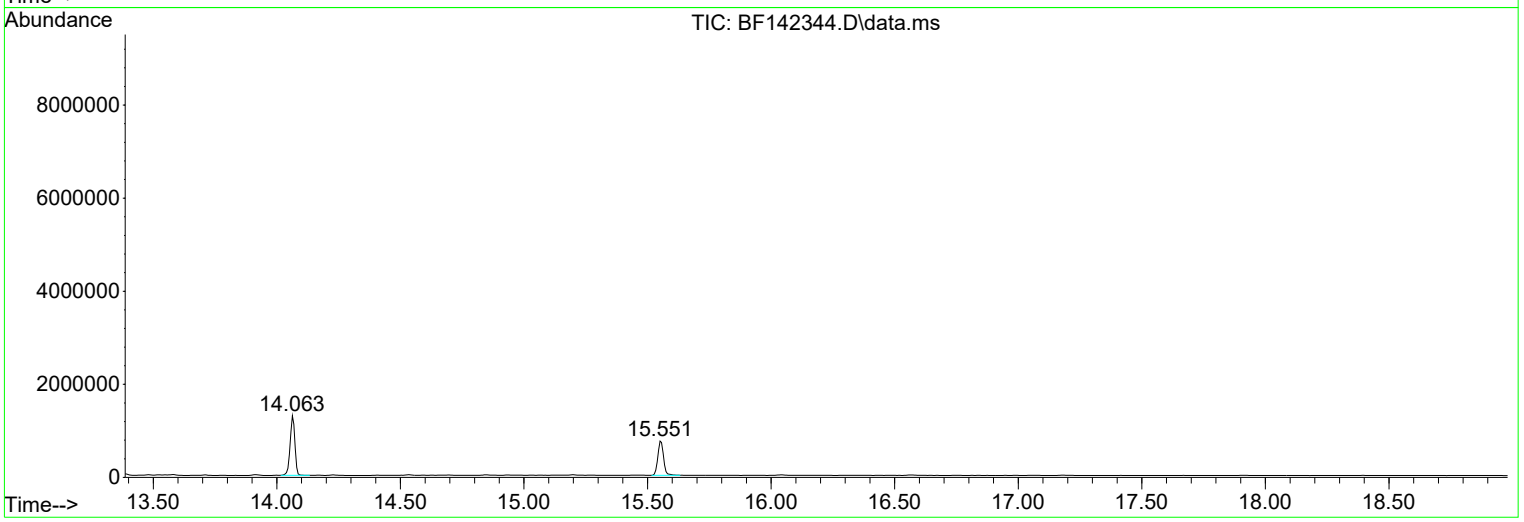
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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 : BF142344.D
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Operator : RC/JU
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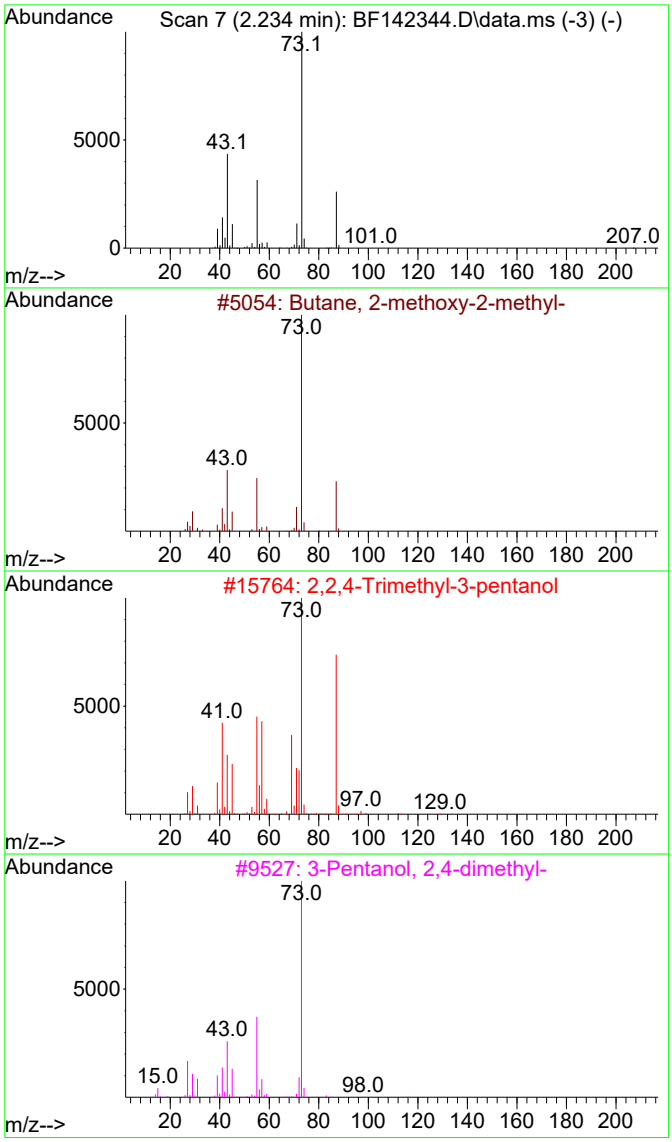
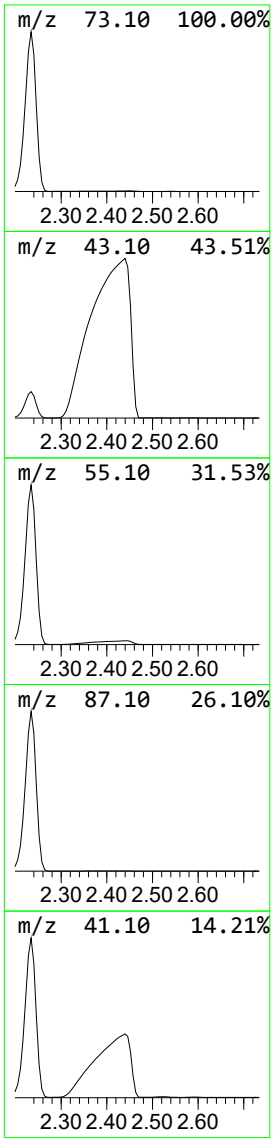
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.234	82.51 ng	5943550	1,4-Dichlorobenzene-d4	6.910

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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Data File : BF142344.D
Acq On : 13 May 2025 15:17
Operator : RC/JU
Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-DRUM-633-05092025

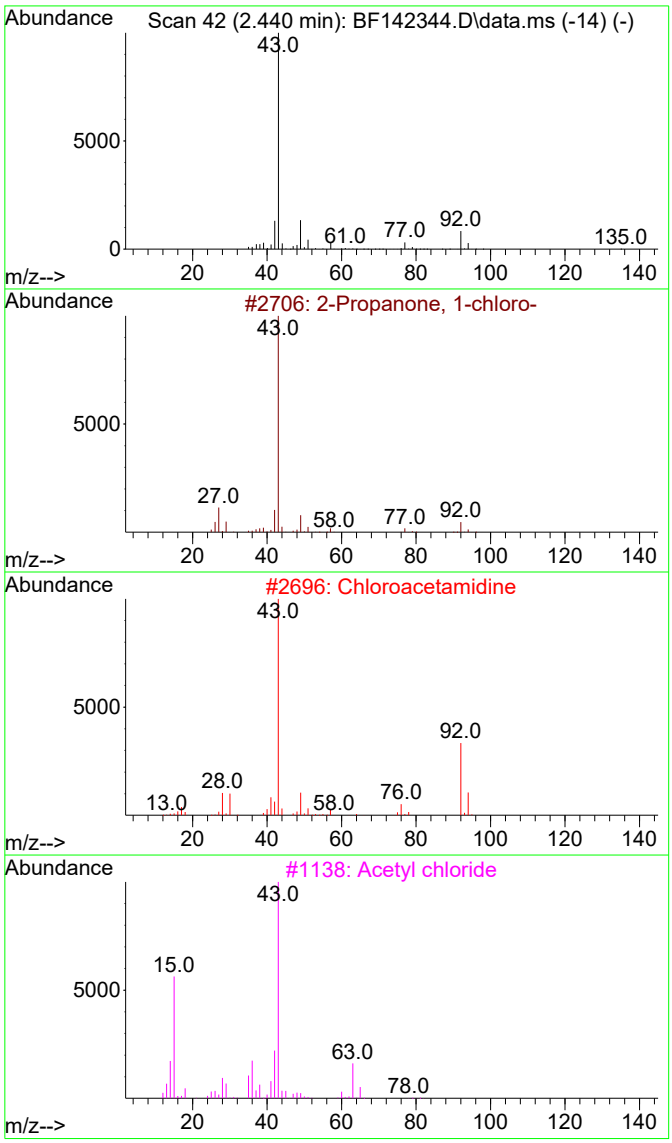
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

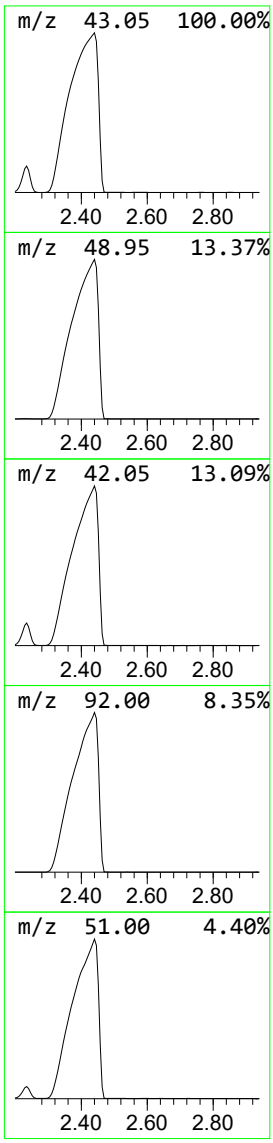
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Propanone, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.440	488.15 ng	35163100	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	91
2	Chloroacetamidine	92	C2H5ClN2	020846-52-0	64
3	Acetyl chloride	78	C2H3ClO	000075-36-5	9
4	1-Propanesulfonyl chloride	142	C3H7ClO2S	010147-36-1	9
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





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Data File : BF142344.D
Acq On : 13 May 2025 15:17
Operator : RC/JU
Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

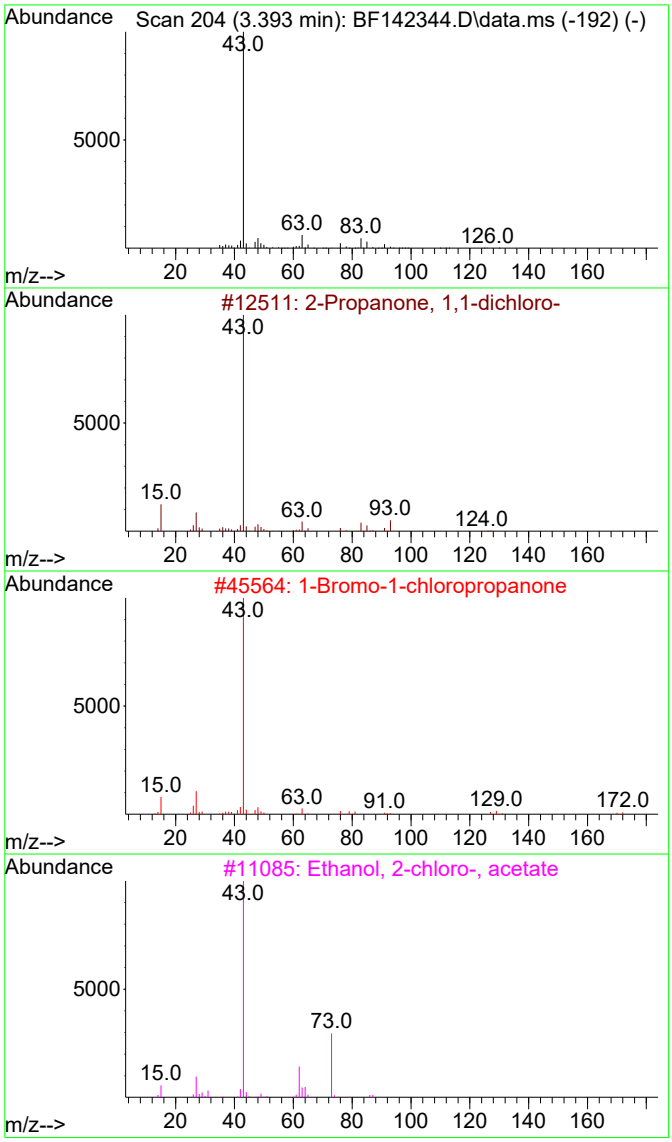
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

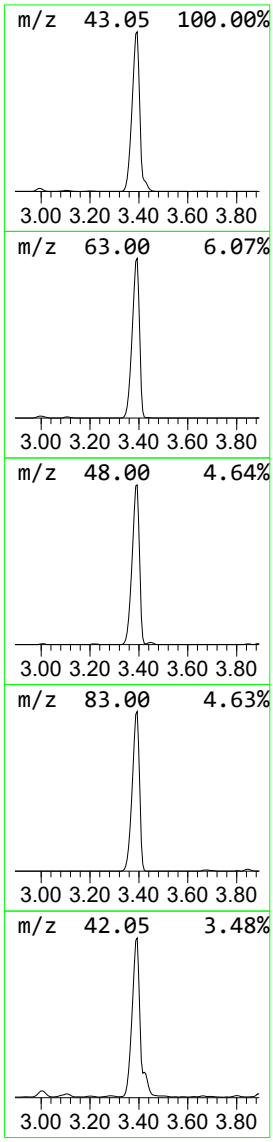
****

Peak Number 3 2-Propanone, 1,1-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	63.72 ng	4590110	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	83
2	1-Bromo-1-chloropropanone	170	C3H4BrClO	072007-33-1	33
3	Ethanol, 2-chloro-, acetate	122	C4H7ClO2	000542-58-5	25
4	Acetyl chloride	78	C2H3ClO	000075-36-5	23
5	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142344.D
Acq On : 13 May 2025 15:17
Operator : RC/JU
Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

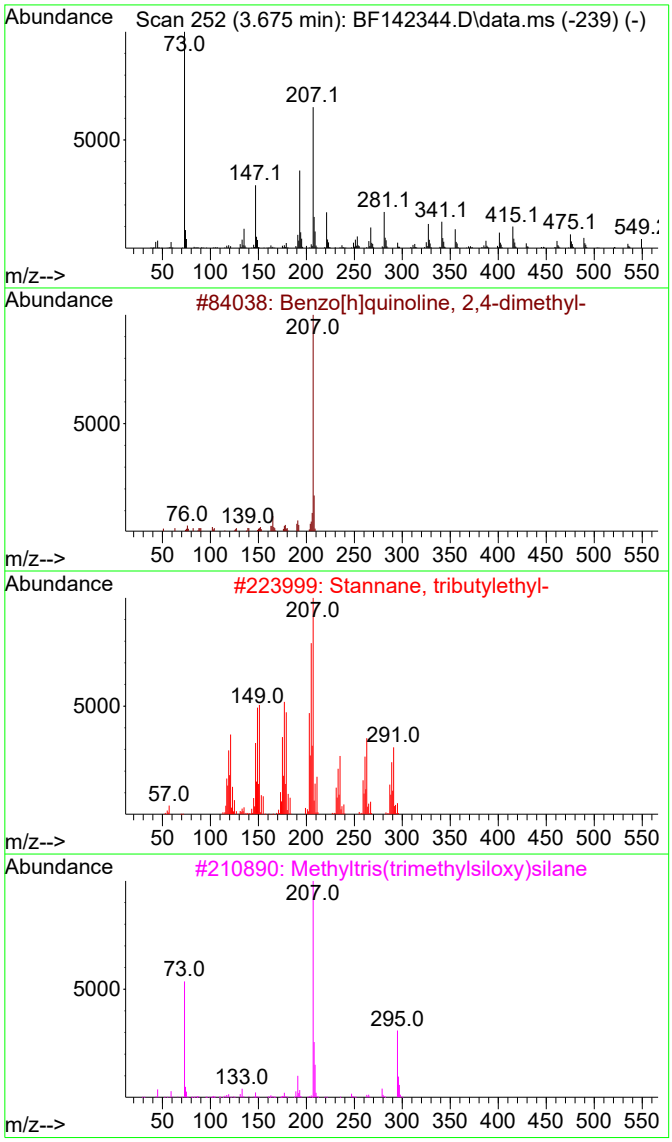
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

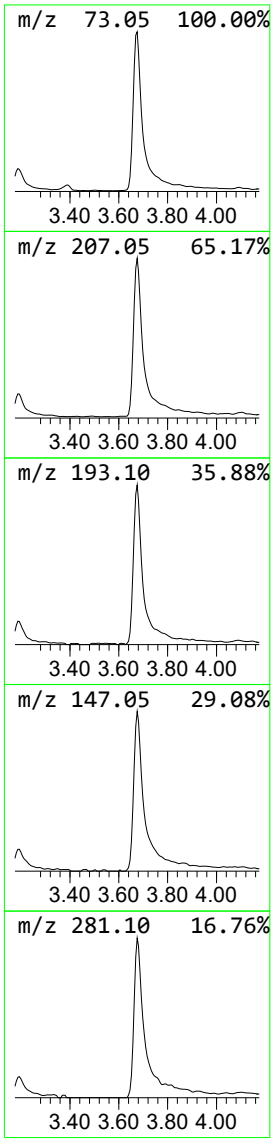
****

Peak Number 4 unknown3.675 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.675	15.81 ng	1138930	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	35
2	Stannane, tributylethyl-	320	C14H32Sn	019411-60-0	35
3	Methyltris(trimethylsiloxy)silane	310	C10H30O3Si4	017928-28-8	35
4	Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	35
5	4(15)-Selinene-11,12-diol	238	C15H26O2	073035-82-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142344.D
Acq On : 13 May 2025 15:17
Operator : RC/JU
Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-DRUM-633-05092025

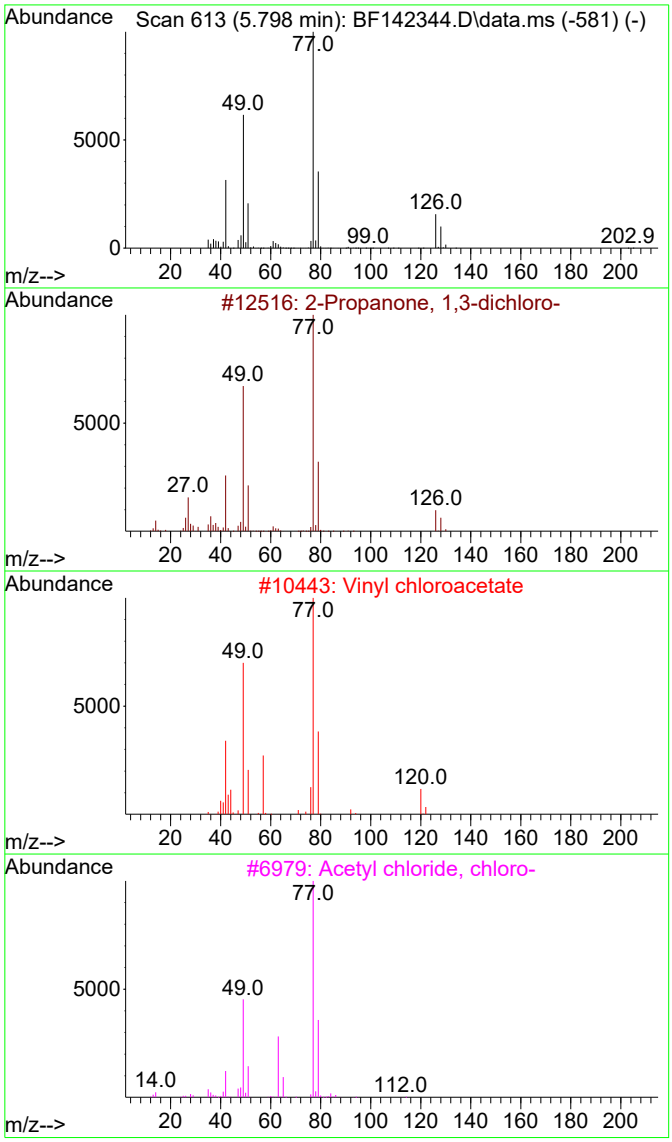
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

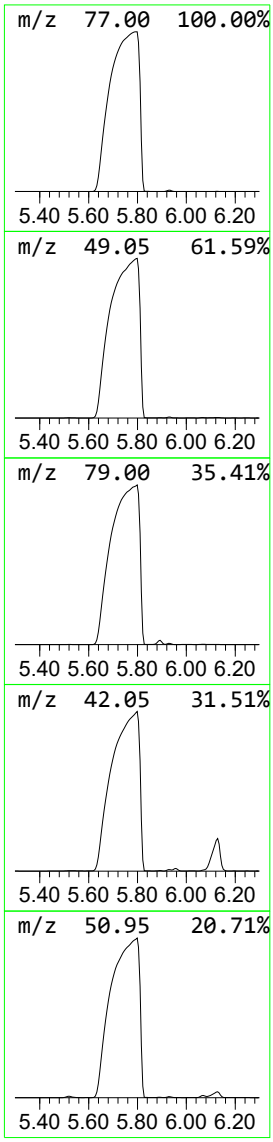
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propanone, 1,3-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.798	1039.06 ng	74847300	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,3-dichloro-	126	C3H4Cl2O	000534-07-6	96
2	Vinyl chloroacetate	120	C4H5ClO2	002549-51-1	78
3	Acetyl chloride, chloro-	112	C2H2Cl2O	000079-04-9	72
4	Propane, 2-chloro-2-nitro-	123	C3H6ClNO2	000594-71-8	72
5	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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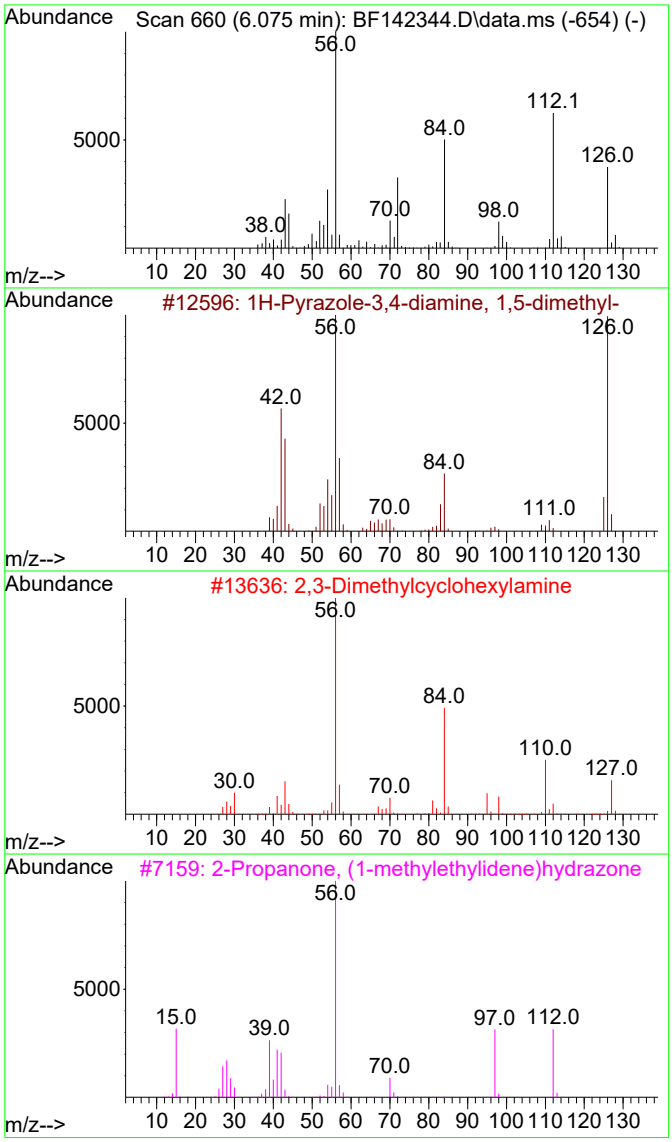
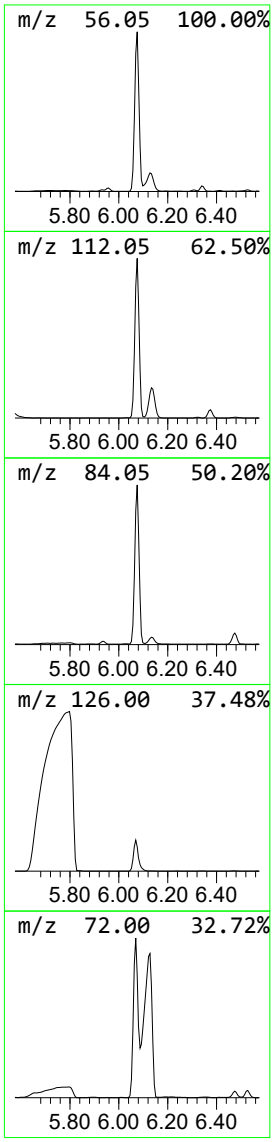
****
Peak Number 6 1H-Pyrazole-3,4-diamine, 1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.075	17.95 ng	1292960	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-3,4-diamine, 1,5-dim...	126	C5H10N4	076368-87-1	52
2	2,3-Dimethylcyclohexylamine	127	C8H17N	042195-92-6	43
3	2-Propanone, (1-methylethylidene...	112	C6H12N2	000627-70-3	43
4	2H-Pyran-2,6(3H)-dione	112	C5H4O3	005926-95-4	30
5	Cyclooctanamine	127	C8H17N	005452-37-9	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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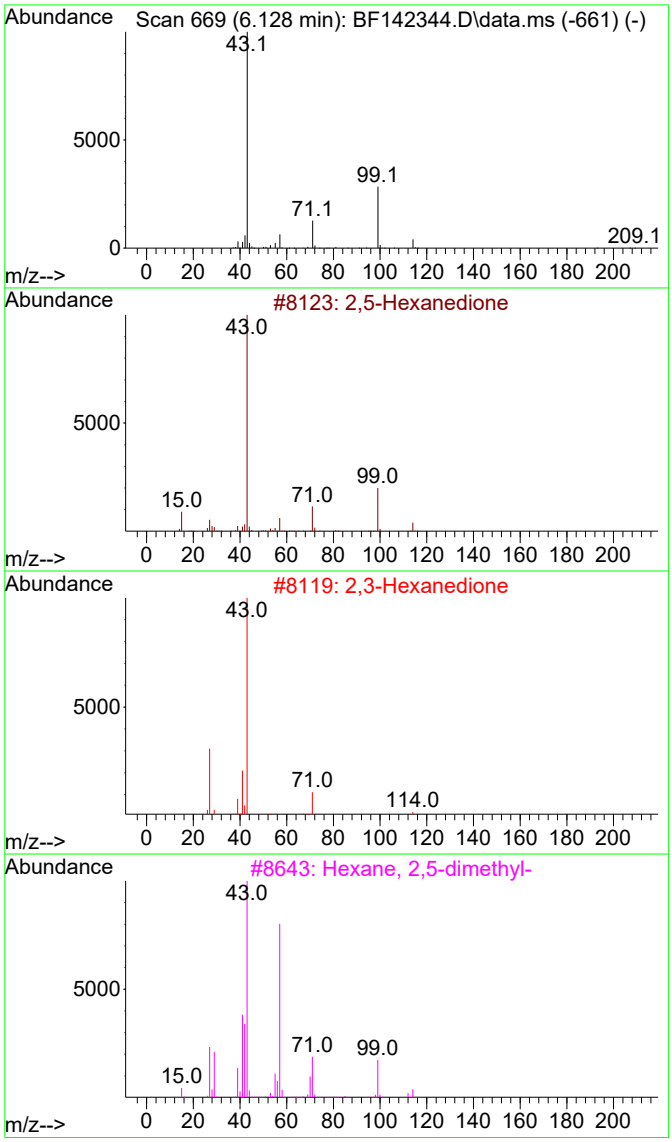
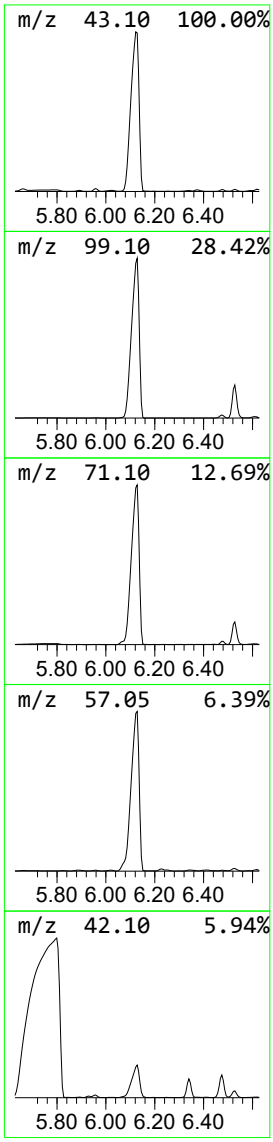
****

Peak Number 7 2,5-Hexanedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.128	178.35 ng	12846900	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Hexanedione	114	C6H10O2	000110-13-4	90
2	2,3-Hexanedione	114	C6H10O2	003848-24-6	38
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	33
4	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	28
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	17





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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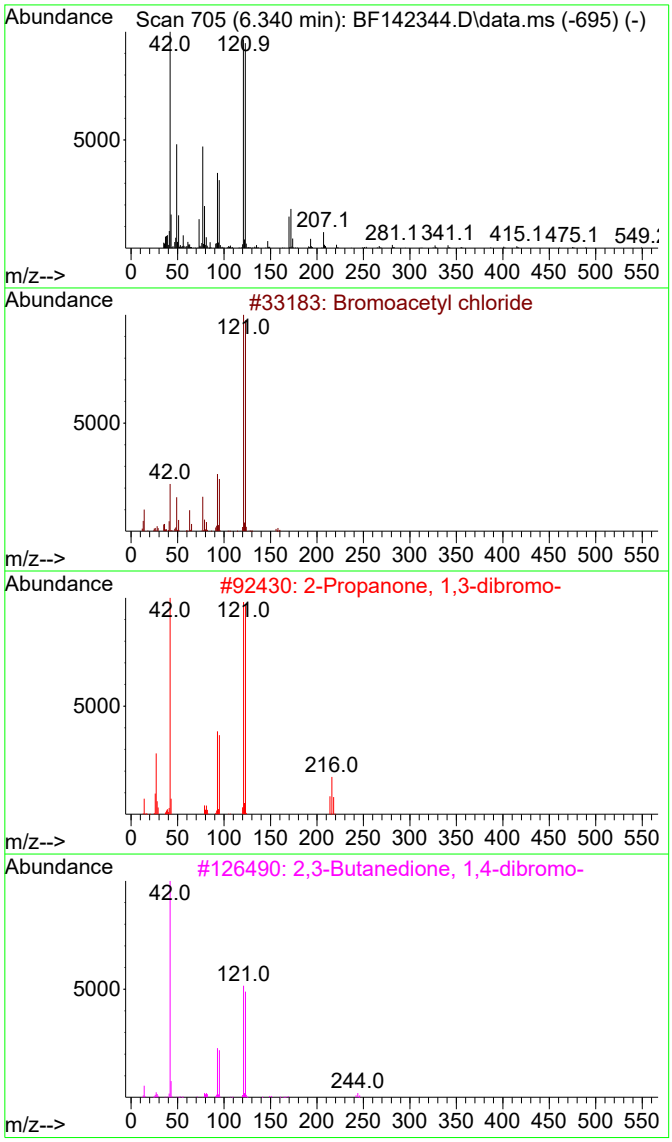
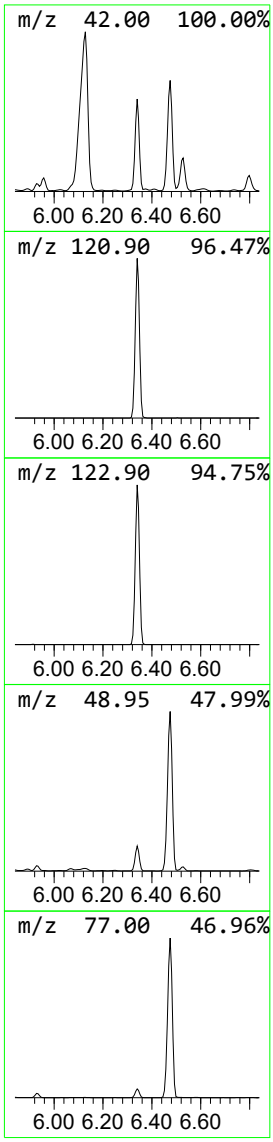
****

Peak Number 8 unknown6.340 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.340	15.27 ng	1100260	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetyl chloride	156	C2H2BrClO	022118-09-8	40
2	2-Propanone, 1,3-dibromo-	214	C3H4Br2O	000816-39-7	32
3	2,3-Butanedione, 1,4-dibromo-	242	C4H4Br2O2	006305-43-7	32
4	Bromoacetyl bromide	200	C2H2Br2O	000598-21-0	27
5	1-Bromo-3,3,3-trifluoroacetone	190	C3H2BrF3O	000431-35-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142344.D
Acq On : 13 May 2025 15:17
Operator : RC/JU
Sample : Q2008-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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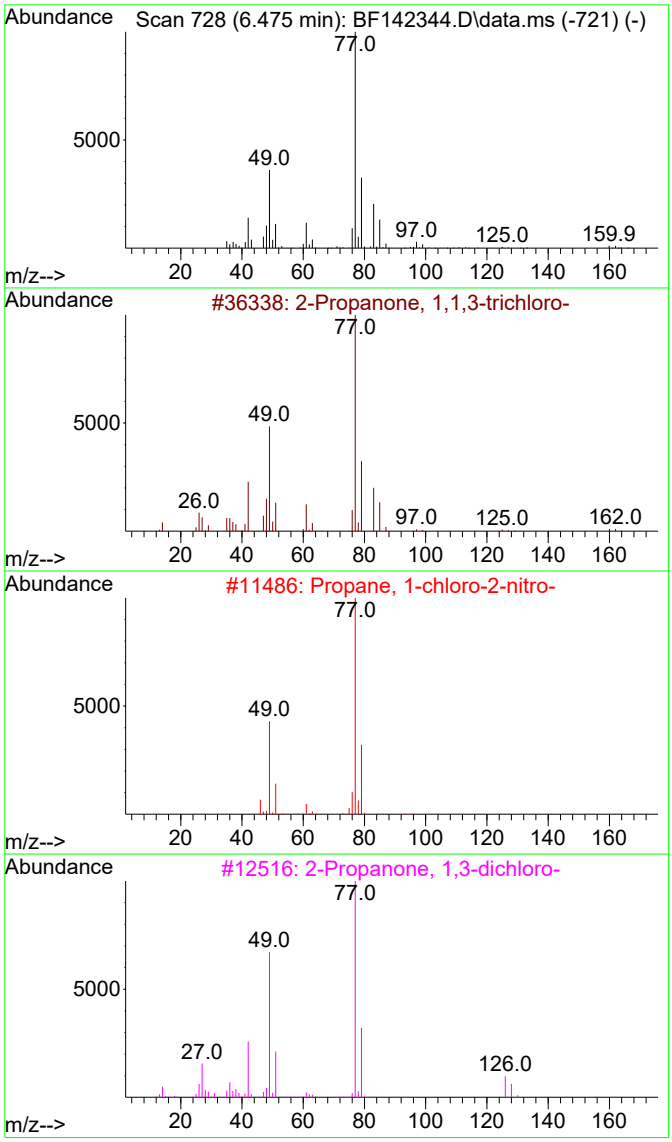
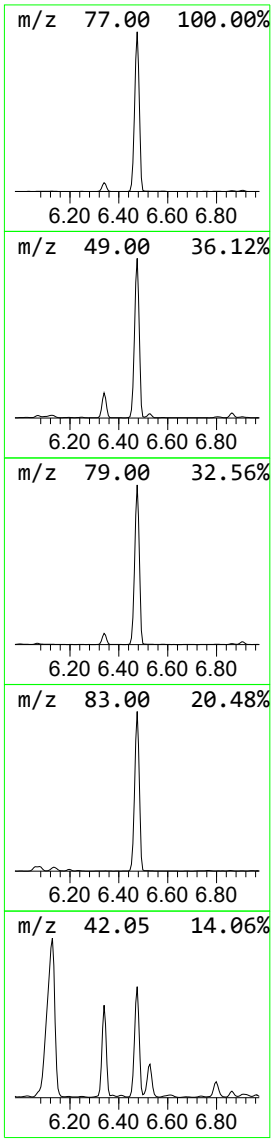
****
Peak Number 9 2-Propanone, 1,1,3-trichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.475	53.95 ng	3886190	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,3-trichloro-	160	C3H3Cl3O	000921-03-9	96
2	Propane, 1-chloro-2-nitro-	123	C3H6ClNO2	002425-66-3	64
3	2-Propanone, 1,3-dichloro-	126	C3H4Cl2O	000534-07-6	59
4	Vinyl chloroacetate	120	C4H5ClO2	002549-51-1	59
5	Acetic acid, chloro-, anhydride	170	C4H4Cl2O3	000541-88-8	59





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Acq On : 13 May 2025 15:17
Operator : RC/JU
Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

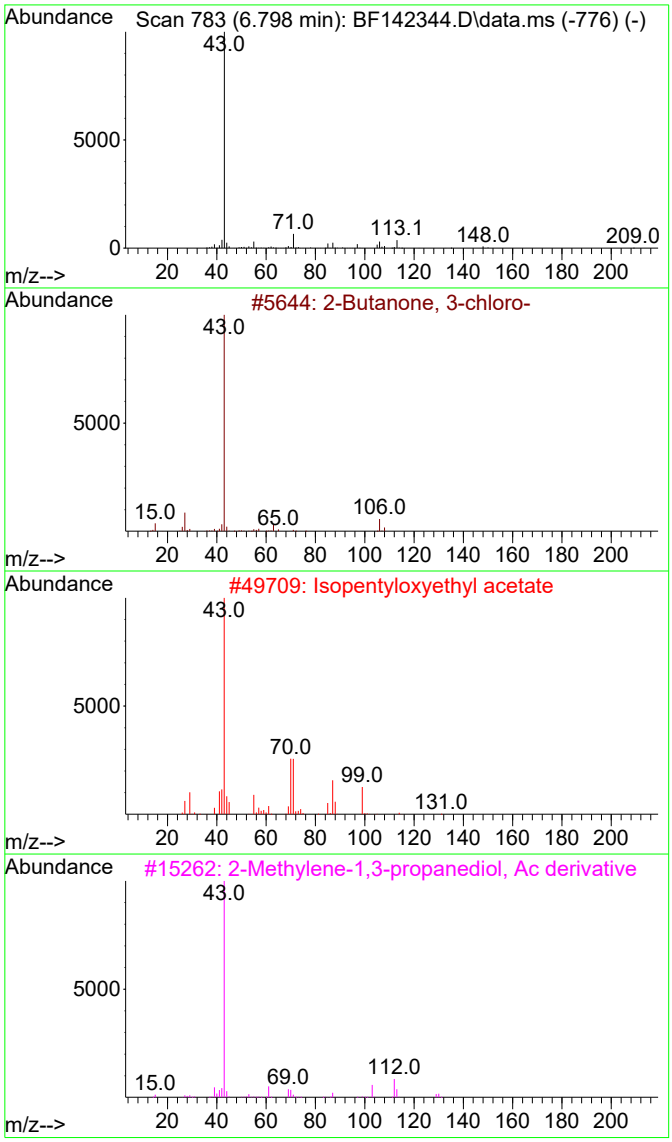
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

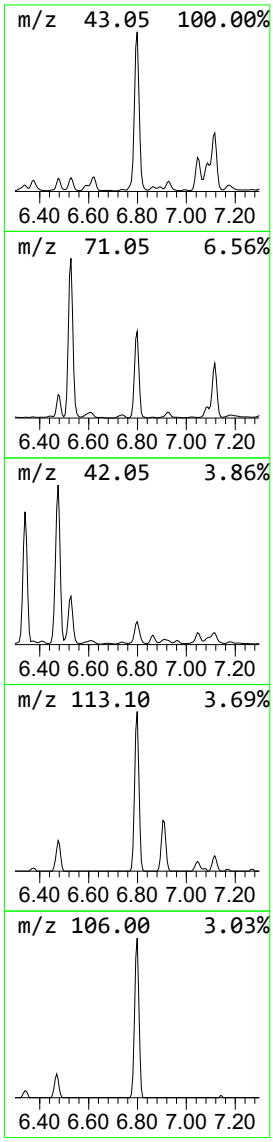
****

Peak Number 10 unknown6.798 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.798	13.44 ng	968457	1,4-Dichlorobenzene-d4	6.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-chloro-	106	C4H7ClO	004091-39-8	9
2	Isopentyloxyethyl acetate	174	C9H18O3	204652-53-9	9
3	2-Methylene-1,3-propanediol, Ac ...	130	C6H10O3	1010494-89-2	9
4	1-Hexadecanol	242	C16H34O	036653-82-4	9
5	Cyclobutylamine, N-(2-methylprop...	141	C8H15NO	1339757-02-6	9





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

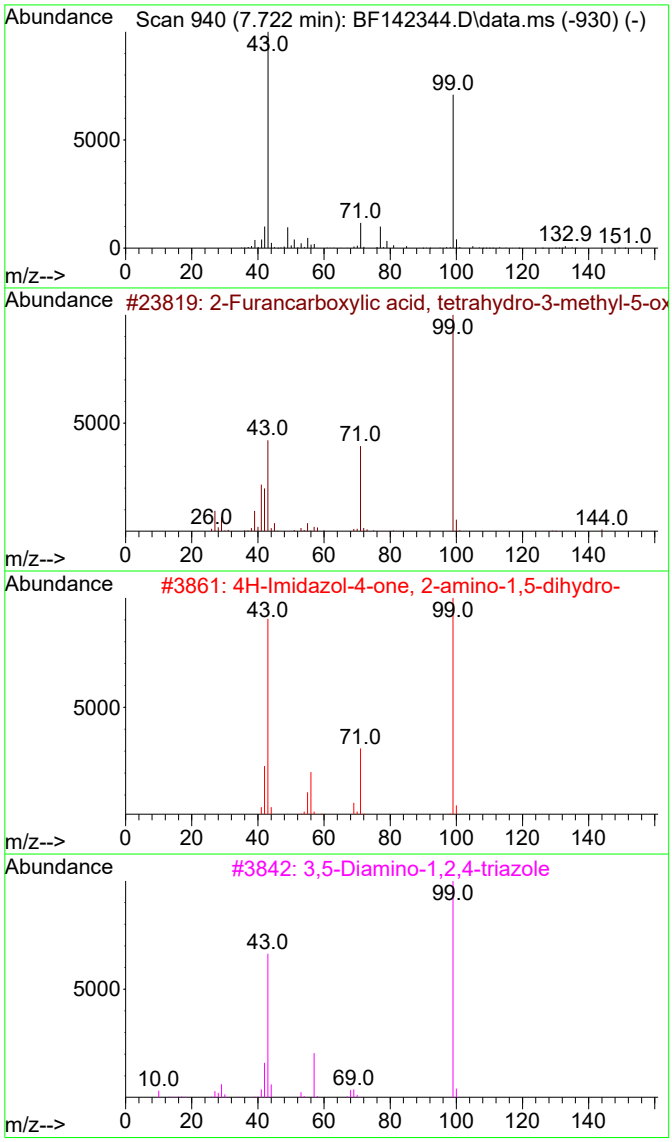
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

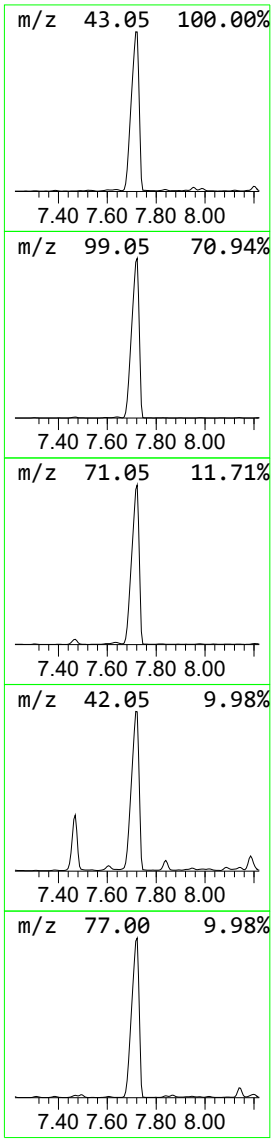
****

Peak Number 11 unknown7.722 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	115.99 ng	11459900	Naphthalene-d8	8.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	47
2	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	47
3	3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	43
4	Succinimide	99	C4H5NO2	000123-56-8	43
5	(2-Methyloxan-2-yl)methanol	130	C7H14O2	1000436-45-7	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IDW-AQ-DRUM-633-05092025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

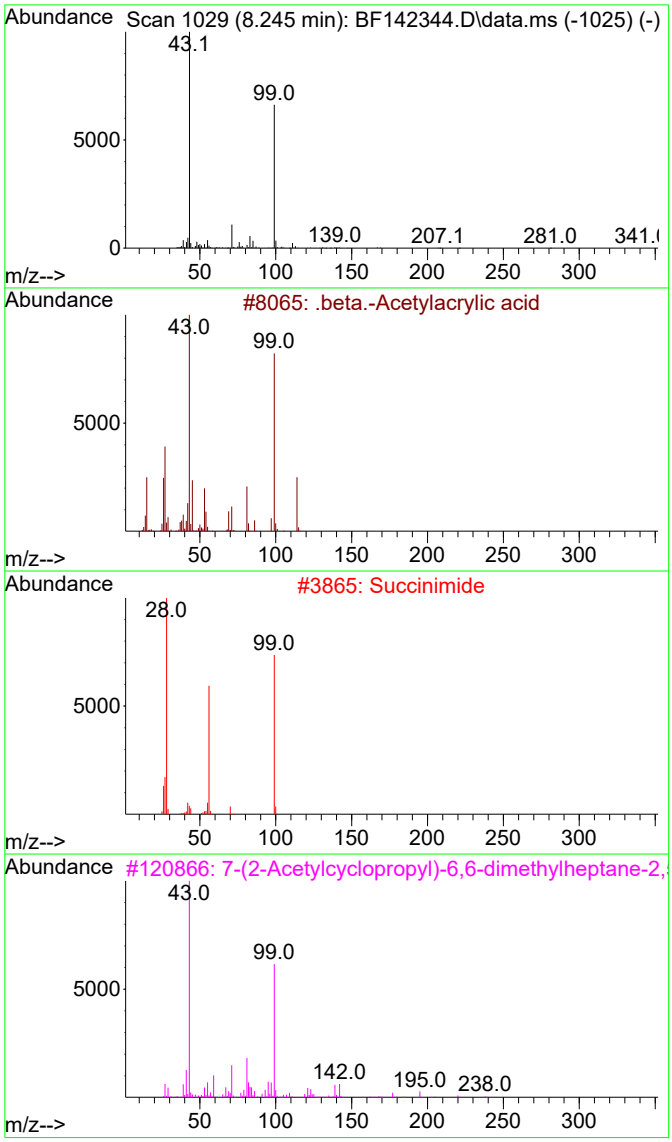
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

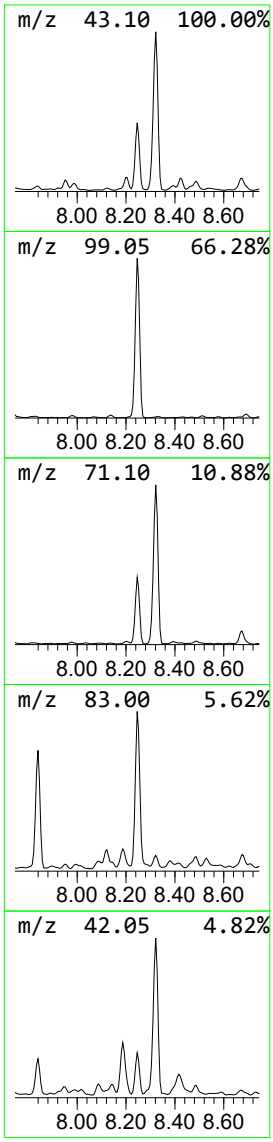
****

Peak Number 12 .beta.-Acetylacrylic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.245	9.23 ng	911625	Naphthalene-d8	8.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Acetylacrylic acid	114	C5H6O3	004743-82-2	50
2	Succinimide	99	C4H5NO2	000123-56-8	38
3	7-(2-Acetylcyclopropyl)-6,6-dime...	238	C14H22O3	090174-71-3	38
4	3,6-Heptanedione	128	C7H12O2	001703-51-1	36
5	Hexanethioic acid, S-propyl ester	174	C9H18OS	002432-78-2	33





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Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

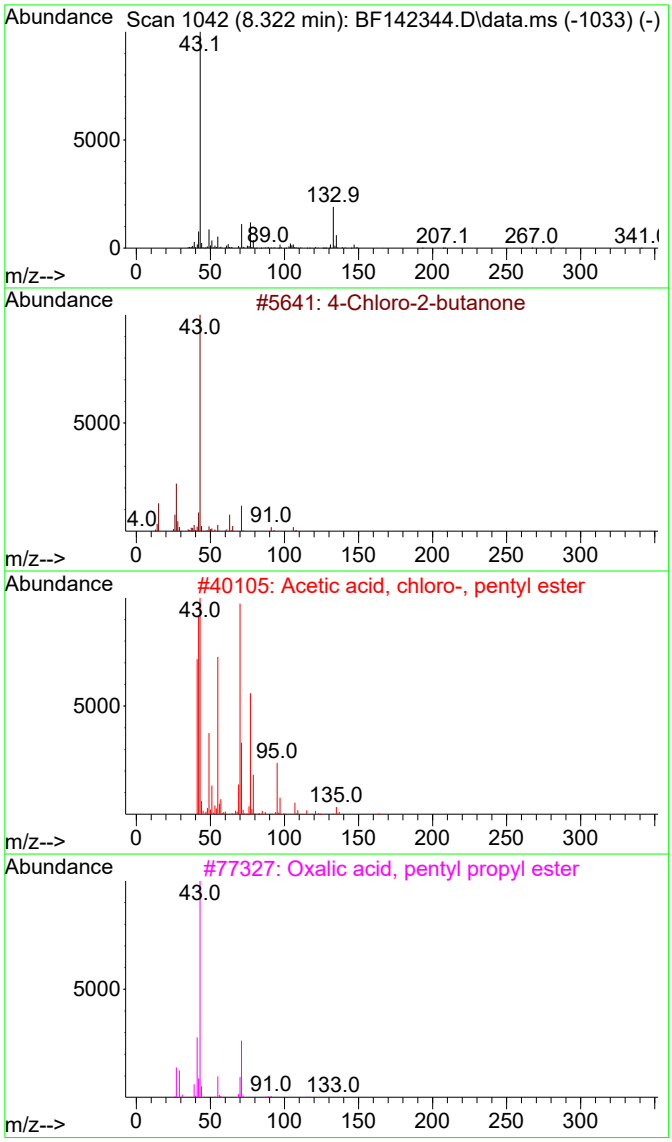
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

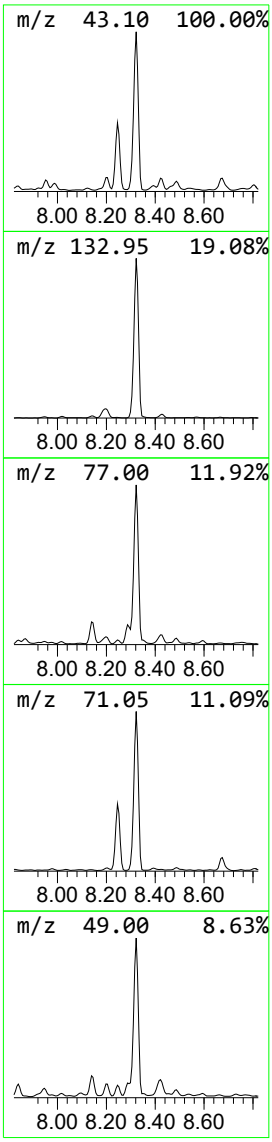
****

Peak Number 13 unknown8.322 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	21.70 ng	2144150	Naphthalene-d8	8.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-butanone	106	C4H7ClO	006322-49-2	12
2	Acetic acid, chloro-, pentyl ester	164	C7H13ClO2	005411-55-2	12
3	Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	9
4	Chloroacetic acid, propyl ester	136	C5H9ClO2	005396-24-7	9
5	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	5





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Sample : Q2008-01
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Instrument :
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ClientSampleId :
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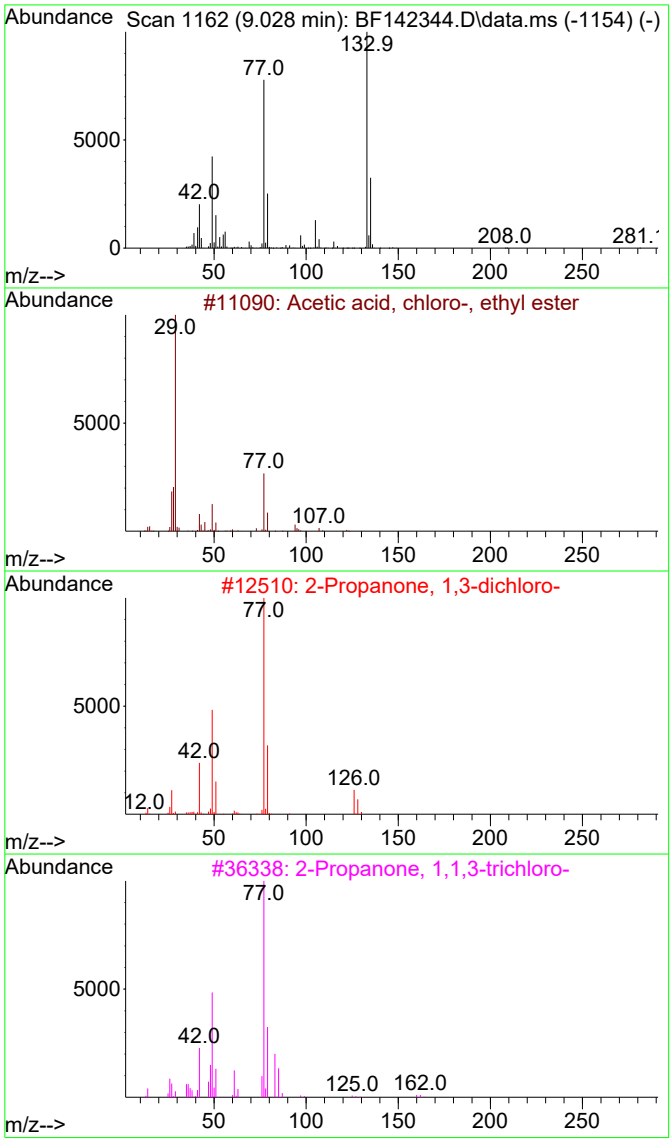
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

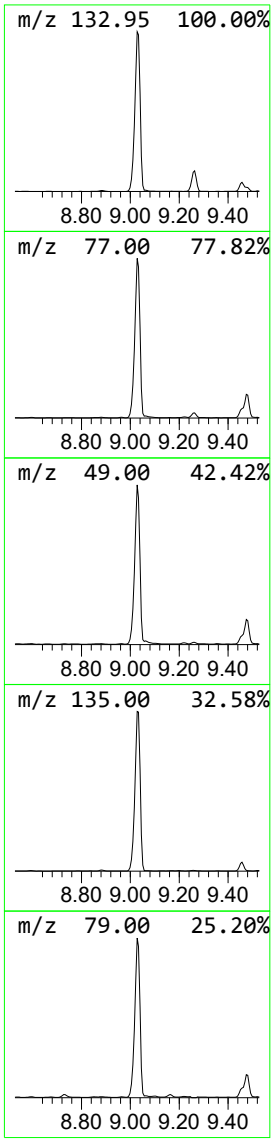
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Acetic acid, chloro-, ethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.028	40.83 ng	4034090	Naphthalene-d8	8.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	53
2	2-Propanone, 1,3-dichloro-	126	C3H4Cl2O	000534-07-6	53
3	2-Propanone, 1,1,3-trichloro-	160	C3H3Cl3O	000921-03-9	42
4	Vinyl chloroacetate	120	C4H5ClO2	002549-51-1	40
5	Acetyl chloride, chloro-	112	C2H2Cl2O	000079-04-9	36





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Sample : Q2008-01
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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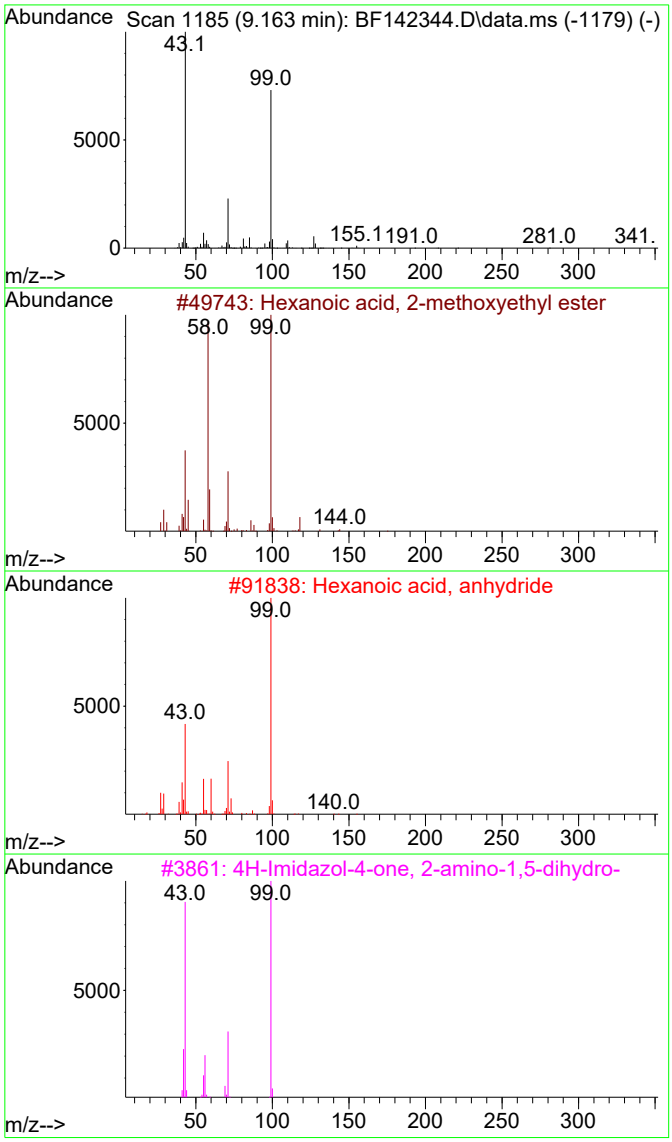
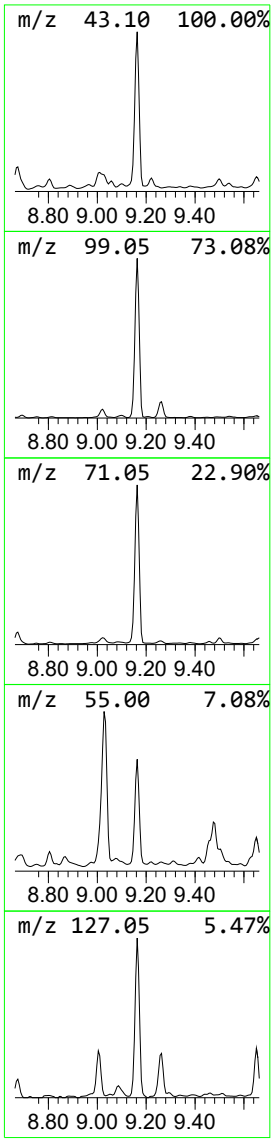
Peak Number 15 unknown9.163 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	12.39 ng	1311600	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-methoxyethyl ester	174	C9H18O3	1010330-92-6	47
2	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	42
3	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	42
4	Hexanethioic acid, S-heptyl ester	230	C13H26OS	002432-80-6	40
5	6-Iodohexanal	226	C6H11IO	1000411-49-9	39





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Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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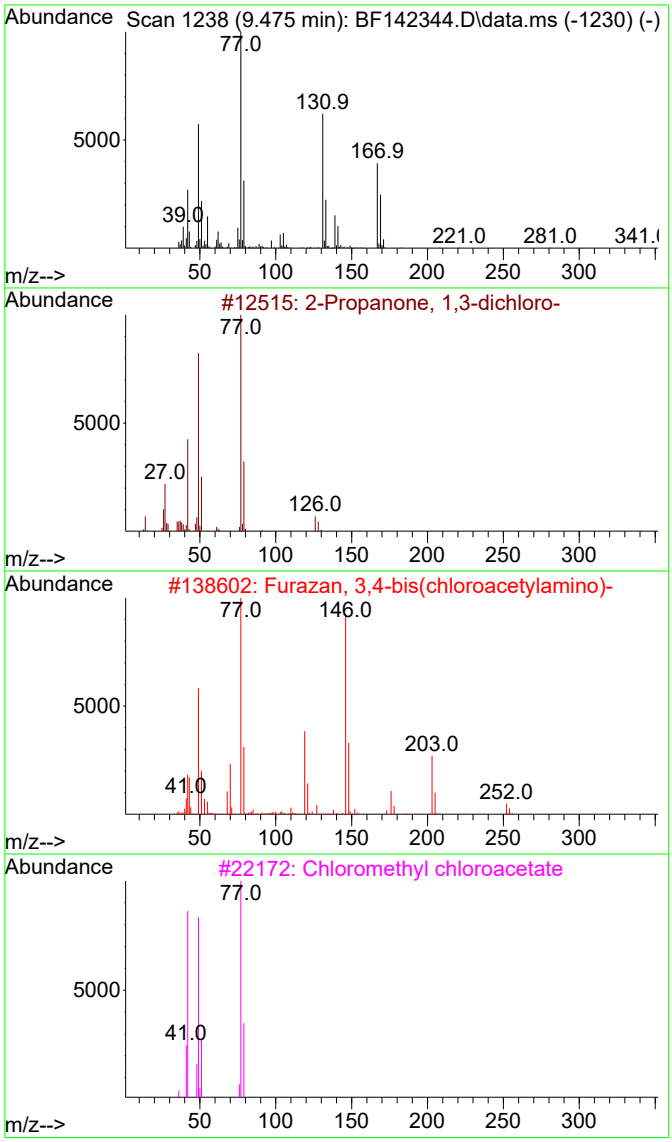
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

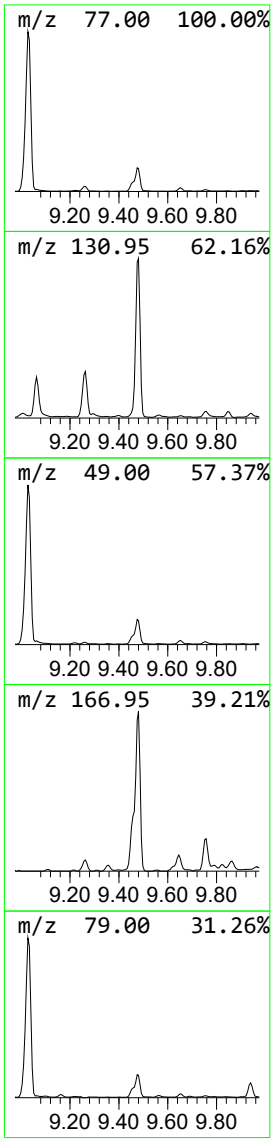
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Furazan, 3,4-bis(chloroacet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	8.30 ng	878262	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,3-dichloro-	126	C3H4Cl2O	000534-07-6	50
2	Furazan, 3,4-bis(chloroacetylami...	252	C6H6Cl2N4O3	124460-62-4	50
3	Chloromethyl chloroacetate	142	C3H4Cl2O2	006135-23-5	50
4	Vinyl chloroacetate	120	C4H5ClO2	002549-51-1	40
5	Acetic acid, chloro-, anhydride	170	C4H4Cl2O3	000541-88-8	40





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Sample : Q2008-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IDW-AQ-DRUM-633-05092025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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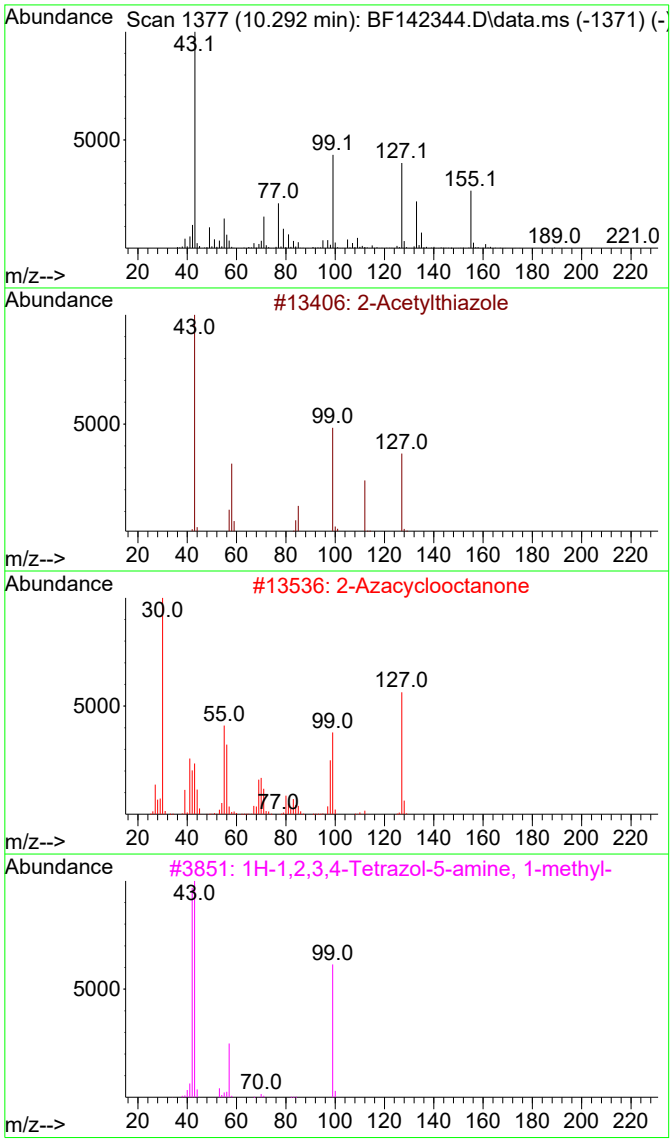
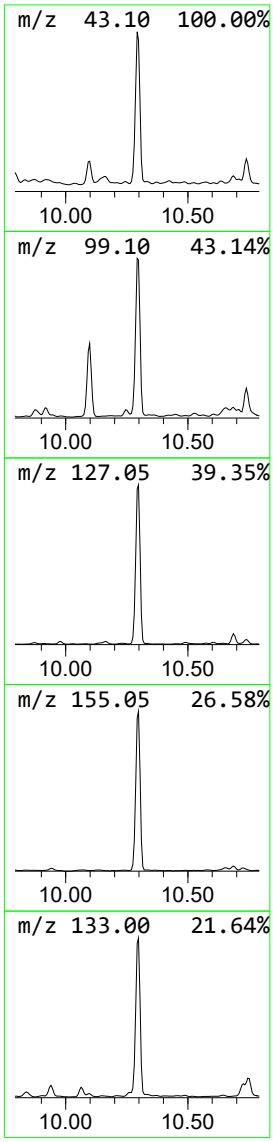
Peak Number 17 unknown10.292 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	10.46 ng	1107250	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetylthiazole	127	C5H5NOS	024295-03-2	25
2	2-Azacyclooctanone	127	C7H13NO	000673-66-5	22
3	1H-1,2,3,4-Tetrazol-5-amine, 1-m...	99	C2H5N5	005422-44-6	11
4	5-Methyl-1,2-oxazole-4-carboxyli...	127	C5H5NO3	042831-50-5	10
5	Formamide. N-(5-amino-2H-1,2,3-t...	127	C3H5N5O	328977-78-2	9





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Sample : Q2008-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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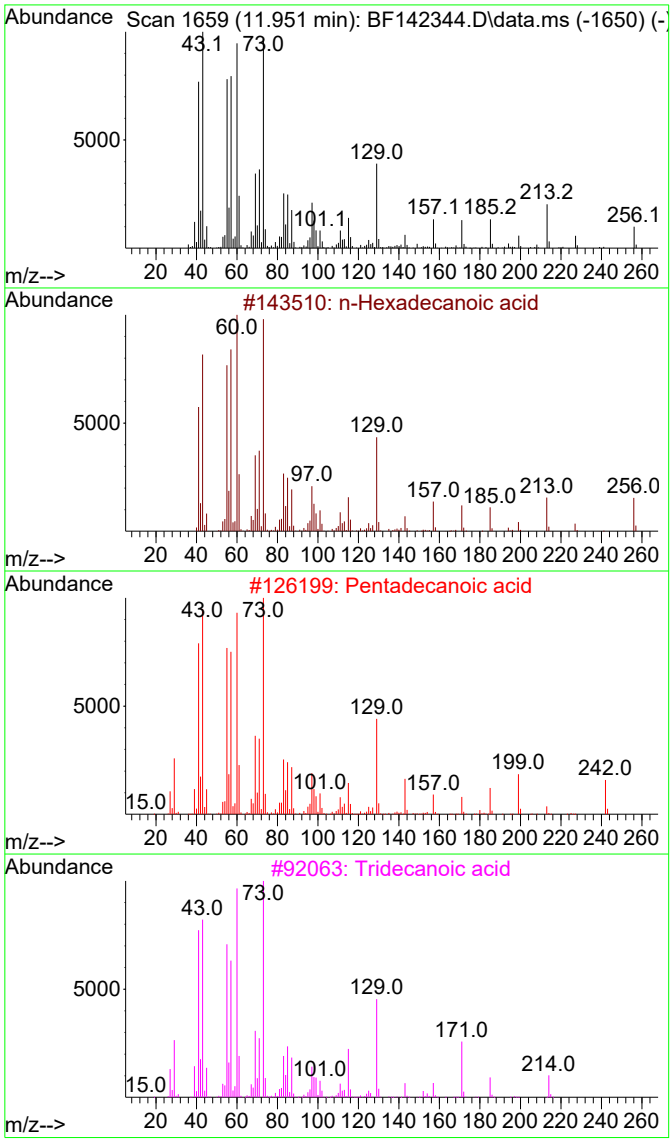
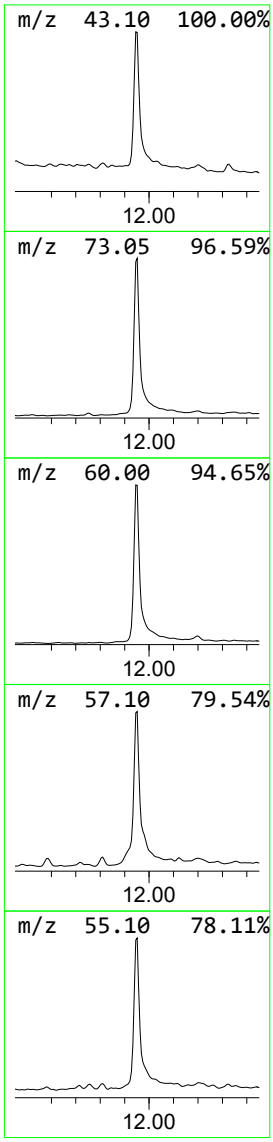
Peak Number 18 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	7.30 ng	838123	Phenanthrene-d10	11.428

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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ClientSampleId :
IDW-AQ-DRUM-633-05092025

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

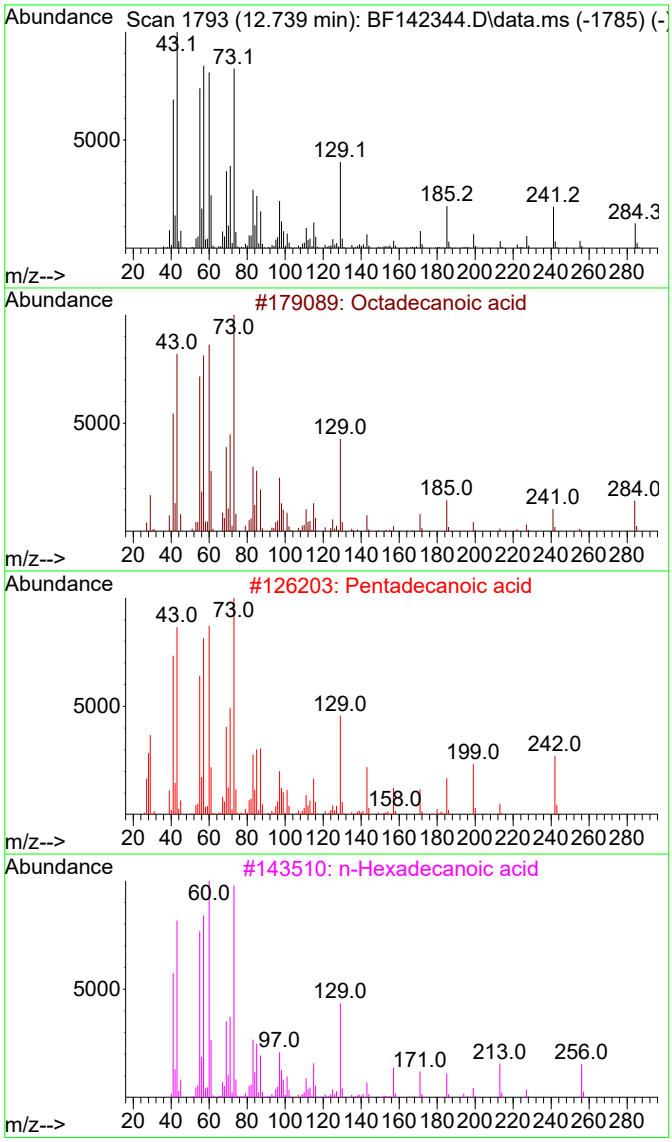
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

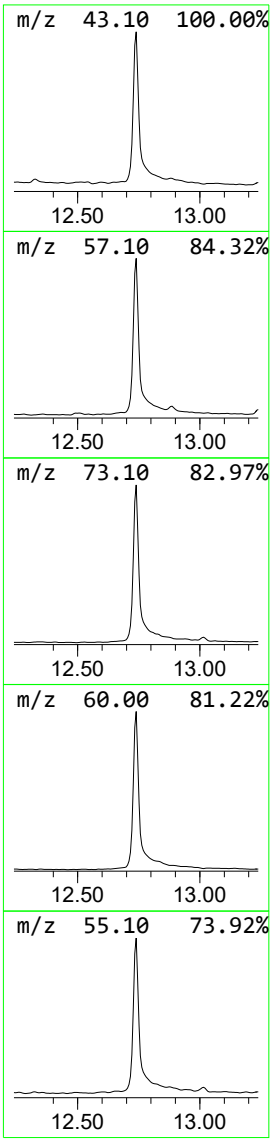
****

Peak Number 19 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	18.92 ng	2171580	Phenanthrene-d10	11.428

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	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58





Tentatively Identified Compound (LSC) summary

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Acq On : 13 May 2025 15:17
Operator : RC/JU
Sample : Q2008-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-DRUM-633-05092025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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...	2.234	82.5	ng	5943550	1	6.910	1440670	20.0
2-Propanone, 1-...	2.440	488.1	ng	35163100	1	6.910	1440670	20.0
2-Propanone, 1,...	3.393	63.7	ng	4590110	1	6.910	1440670	20.0
unknown3.675	3.675	15.8	ng	1138930	1	6.910	1440670	20.0
2-Propanone, 1,...	5.798	1039.1	ng	74847300	1	6.910	1440670	20.0
1H-Pyrazole-3,4...	6.075	17.9	ng	1292960	1	6.910	1440670	20.0
2,5-Hexanedione	6.128	178.3	ng	12846900	1	6.910	1440670	20.0
unknown6.340	6.340	15.3	ng	1100260	1	6.910	1440670	20.0
2-Propanone, 1,...	6.475	54.0	ng	3886190	1	6.910	1440670	20.0
unknown6.798	6.798	13.4	ng	968457	1	6.910	1440670	20.0
unknown7.722	7.722	116.0	ng	11459900	2	8.187	1976050	20.0
.beta.-Acetylac...	8.245	9.2	ng	911625	2	8.187	1976050	20.0
unknown8.322	8.322	21.7	ng	2144150	2	8.187	1976050	20.0
Acetic acid, ch...	9.028	40.8	ng	4034090	2	8.187	1976050	20.0
unknown9.163	9.163	12.4	ng	1311600	3	9.939	2117320	20.0
Furazan, 3,4-bi...	9.475	8.3	ng	878262	3	9.939	2117320	20.0
unknown10.292	10.292	10.5	ng	1107250	3	9.939	2117320	20.0
n-Hexadecanoic ...	11.951	7.3	ng	838123	4	11.428	2295970	20.0
Octadecanoic acid	12.739	18.9	ng	2171580	4	11.428	2295970	20.0