LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On   : 18 Aug 2025 12:39
Operator : RC/JU
Sample   : Q2837-01
Misc   :
ALS Vial : 9   Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

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-BF081525.M
Title   : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal   : TIC: BF143436.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	3	6	23	rVB	2064316	3155732	100.00%	13.184%
2	3.993	288	306	311	rBV2	21176	87457	2.77%	0.365%
3	4.522	375	396	414	rBV	39682	206877	6.56%	0.864%
4	5.151	497	503	509	rBV	287012	421279	13.35%	1.760%
5	5.304	509	529	538	rVV	81543	444230	14.08%	1.856%
6	5.422	539	549	562	rVB2	69726	211978	6.72%	0.886%
7	5.557	567	572	585	rVB	984482	1341533	42.51%	5.605%
8	5.734	597	602	612	rBV	130605	267555	8.48%	1.118%
9	5.804	612	614	624	rVB	30340	39328	1.25%	0.164%
10	5.892	624	629	656	rVB	72124	148921	4.72%	0.622%
11	6.157	669	674	675	rBV	24641	33163	1.05%	0.139%
12	6.551	736	741	760	rBV	628886	890942	28.23%	3.722%
13	6.928	800	805	810	rBV	445430	571155	18.10%	2.386%
14	7.104	832	835	840	rVV	41101	51363	1.63%	0.215%
15	7.175	843	847	855	rVB2	84586	126263	4.00%	0.527%
16	7.328	868	873	882	rVB4	18608	36973	1.17%	0.154%
17	7.481	892	899	904	rBV	1277377	1654556	52.43%	6.912%
18	7.522	904	906	913	rVB2	27174	38215	1.21%	0.160%
19	7.598	914	919	927	rBV2	26613	55294	1.75%	0.231%
20	8.110	1001	1006	1018	rBV	310136	558586	17.70%	2.334%
21	8.204	1018	1022	1031	rVV2	586157	1071732	33.96%	4.477%
22	8.569	1079	1084	1089	rBV6	15190	32116	1.02%	0.134%
23	8.722	1102	1110	1120	rBV3	29035	87521	2.77%	0.366%
24	8.822	1120	1127	1128	rVV	41360	60097	1.90%	0.251%
25	8.845	1128	1131	1137	rVV	53465	84933	2.69%	0.355%
26	8.910	1137	1142	1149	rVV2	233336	421282	13.35%	1.760%
27	8.969	1149	1152	1156	rVV	65710	93672	2.97%	0.391%
28	9.016	1156	1160	1164	rVB	62635	80575	2.55%	0.337%
29	9.180	1182	1188	1196	rBV4	46901	99811	3.16%	0.417%
30	9.275	1199	1204	1215	rVB	2151431	2787876	88.34%	11.647%
31	9.416	1224	1228	1236	rVB	287283	362490	11.49%	1.514%
32	9.610	1257	1261	1265	rBV2	25608	42244	1.34%	0.176%
33	9.722	1276	1280	1285	rBV2	26792	39741	1.26%	0.166%
34	9.875	1302	1306	1314	rVB	94013	124913	3.96%	0.522%
35	9.957	1314	1320	1324	rVV	605213	773224	24.50%	3.230%
36	9.992	1324	1326	1331	rVB	49730	50401	1.60%	0.211%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

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-BF081525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.504	1404	1413	1420	rVB	23808	49201	1.56%	0.206%
38	10.669	1436	1441	1444	rBV	67419	86255	2.73%	0.360%
39	10.710	1444	1448	1450	rVV	97714	131037	4.15%	0.547%
40	10.745	1450	1454	1468	rVV	1169775	1555584	49.29%	6.499%
41	10.857	1469	1473	1484	rVB9	12351	37140	1.18%	0.155%
42	11.039	1499	1504	1510	rBV	38364	56835	1.80%	0.237%
43	11.163	1520	1525	1536	rVB	71542	132617	4.20%	0.554%
44	11.445	1568	1573	1581	rBV	527659	721494	22.86%	3.014%
45	11.969	1655	1662	1671	rBV5	31629	73525	2.33%	0.307%
46	12.051	1671	1676	1686	rVB3	45146	89749	2.84%	0.375%
47	12.510	1747	1754	1763	rVB7	16958	48991	1.55%	0.205%
48	12.692	1781	1785	1792	rVV3	43834	78223	2.48%	0.327%
49	12.845	1806	1811	1815	rVB	48023	61021	1.93%	0.255%
50	13.027	1836	1842	1847	rBV	2040113	2635344	83.51%	11.010%
51	13.374	1897	1901	1904	rBV	38438	53343	1.69%	0.223%
52	13.545	1926	1930	1934	rBV	32517	41537	1.32%	0.174%
53	14.080	2016	2021	2031	rVB	471948	639556	20.27%	2.672%
54	14.933	2161	2166	2178	rVB	64768	96403	3.05%	0.403%
55	15.574	2268	2275	2288	rBV	475106	794783	25.19%	3.320%

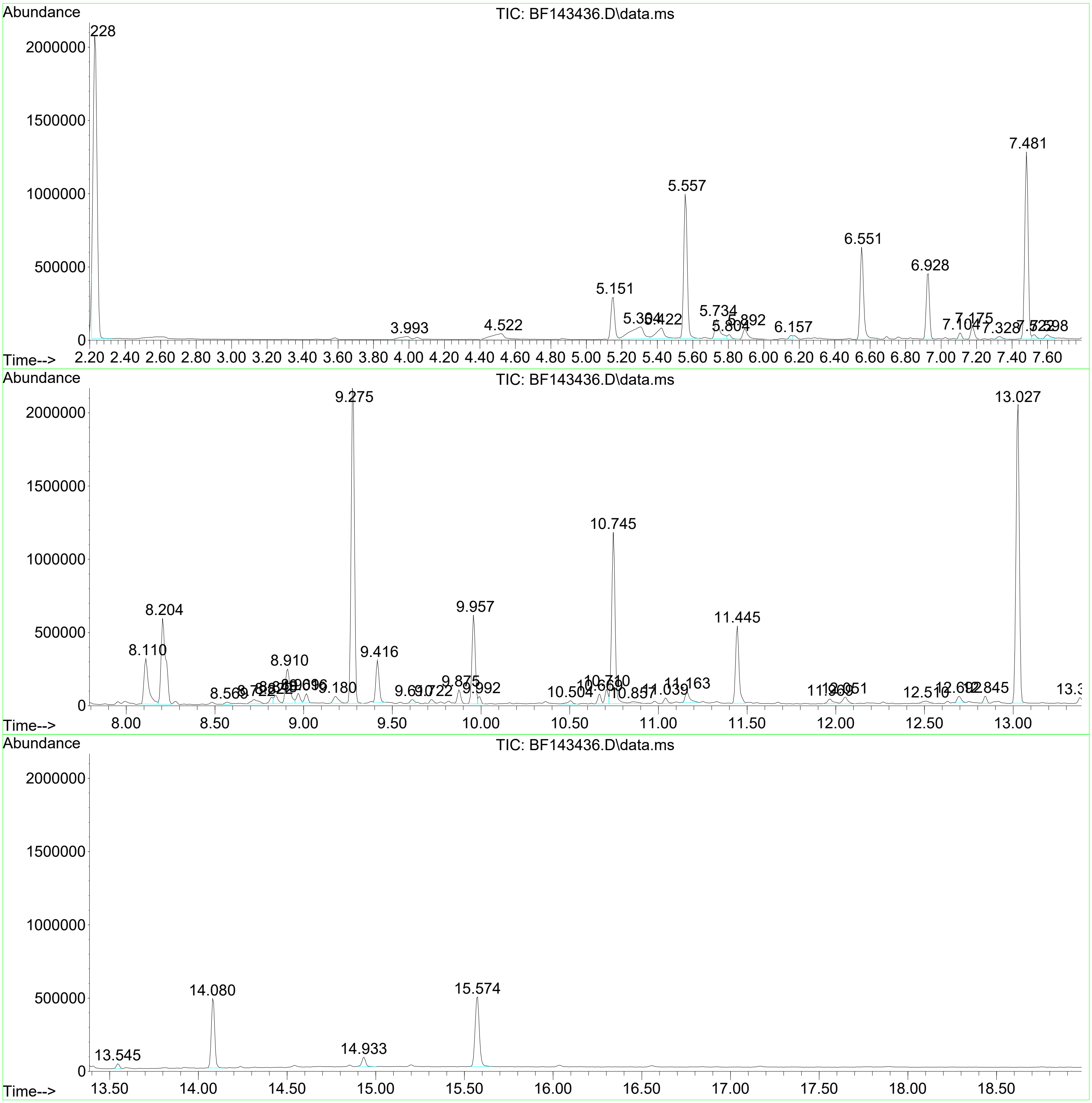
Sum of corrected areas: 23936666

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

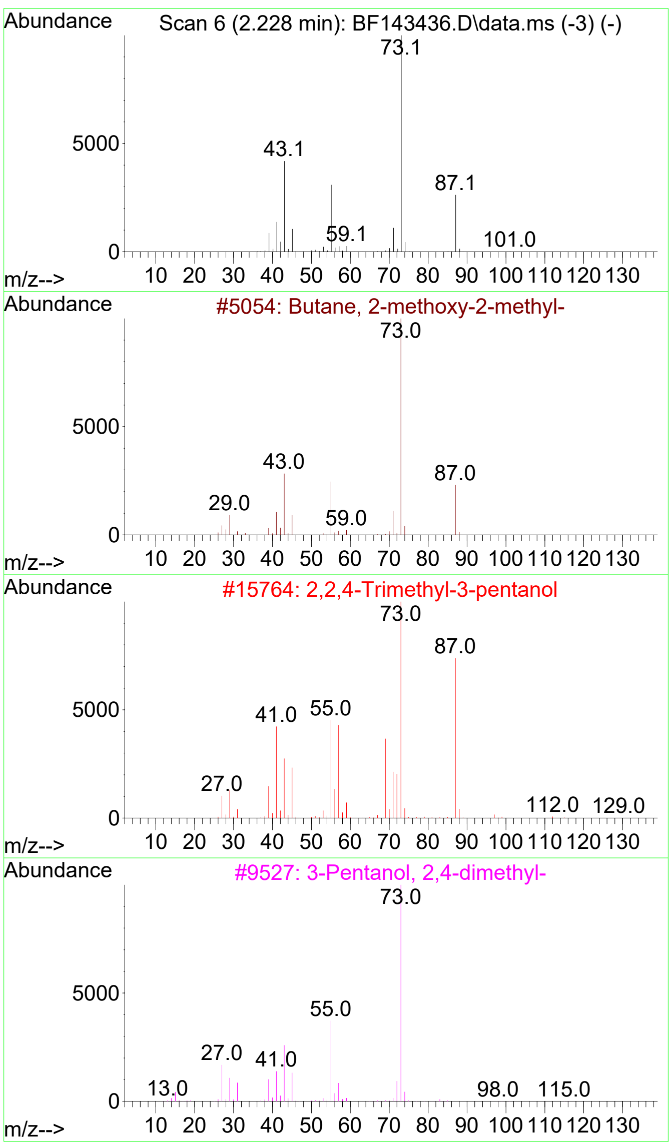
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

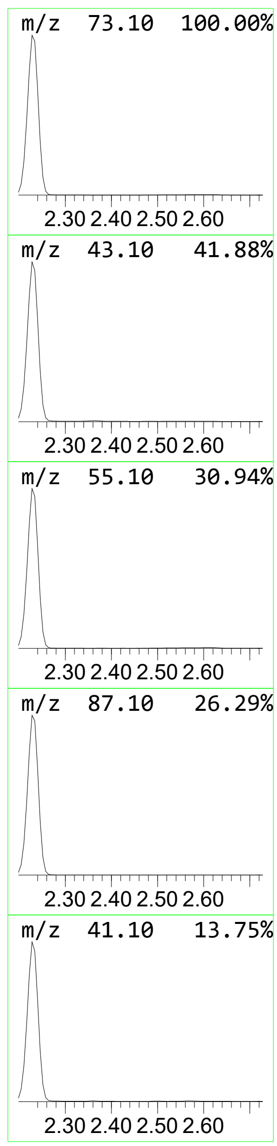
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.228	110.50 ng	3155730	1,4-Dichlorobenzene-d4	6.928

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

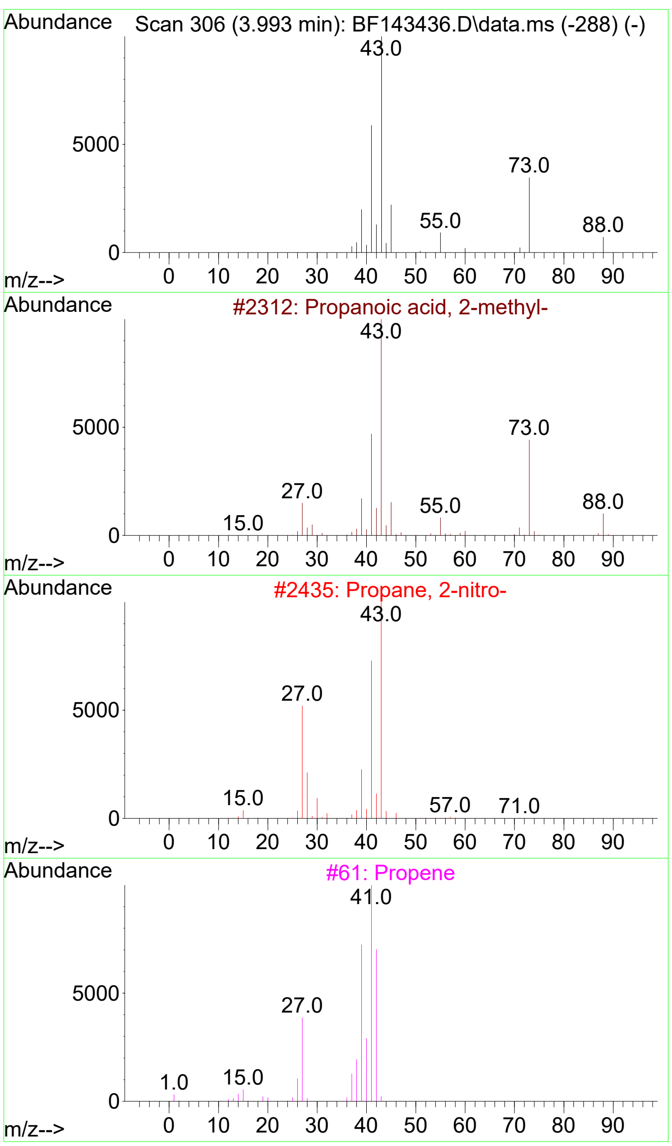
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

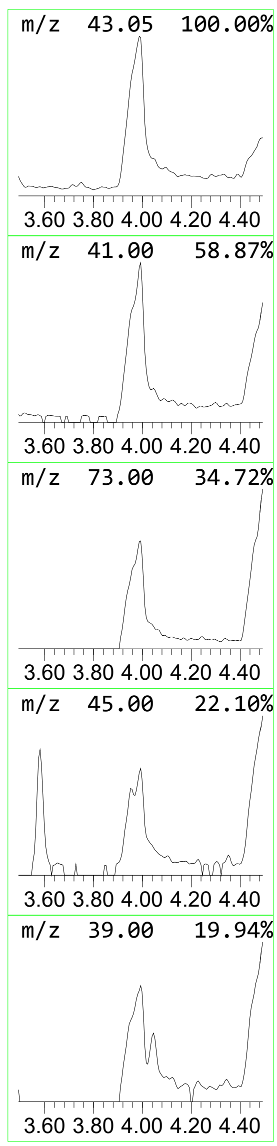
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanoic acid, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	3.06 ng	87457	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	64
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	32
3	Propene	42	C3H6	000115-07-1	9
4	Hydrazine, (1,1-dimethylethyl)-	88	C4H12N2	032064-67-8	9
5	1-Propanesulfonyl chloride	142	C3H7ClO2S	010147-36-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

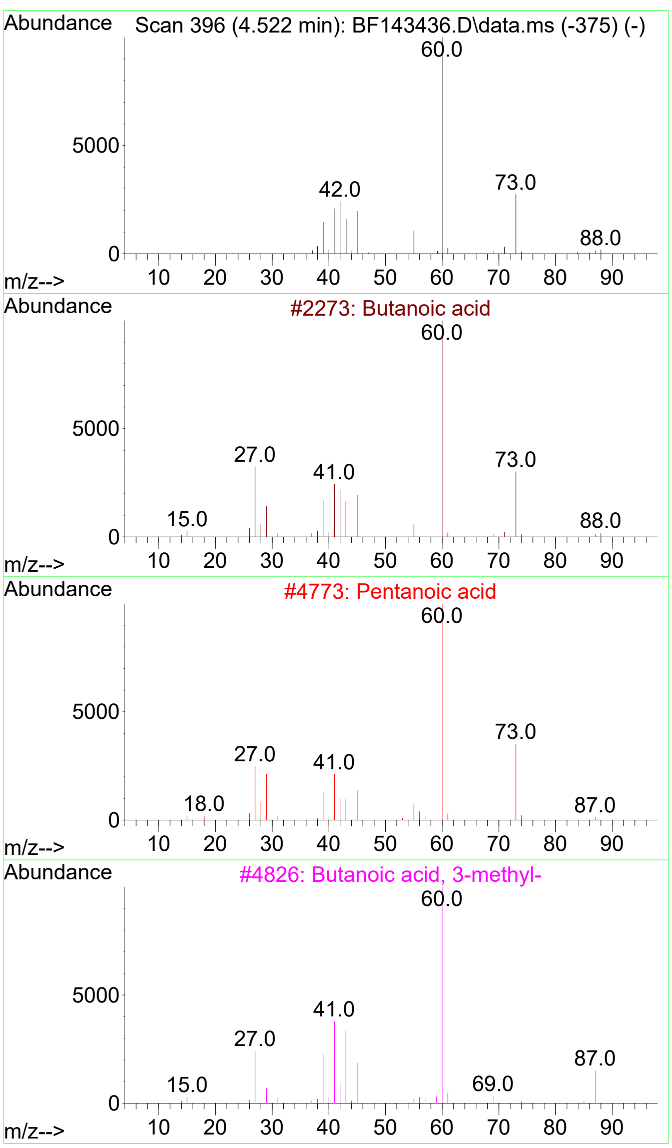
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

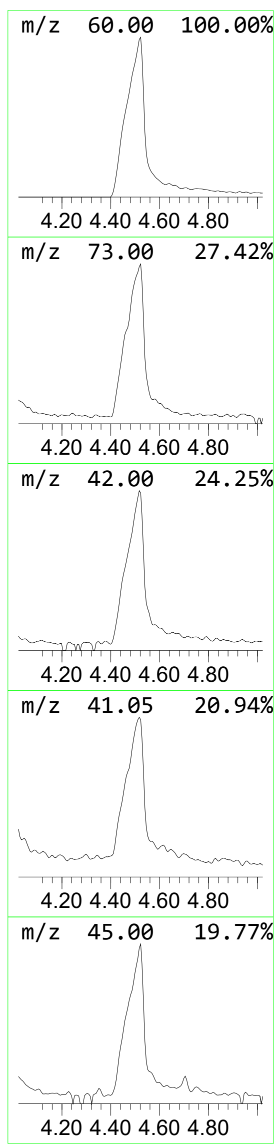
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.522	7.24 ng	206877	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	90
2	Pentanoic acid	102	C5H10O2	000109-52-4	38
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	9
4	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9
5	dl-Serine	105	C3H7NO3	000302-84-1	9





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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On    : 18 Aug 2025  12:39
Operator  : RC/JU
Sample    : Q2837-01
Misc      :
ALS Vial  : 9   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

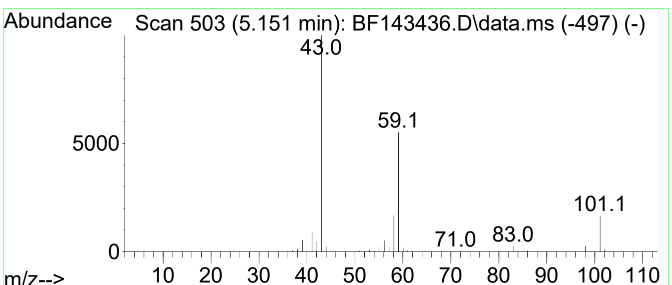
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

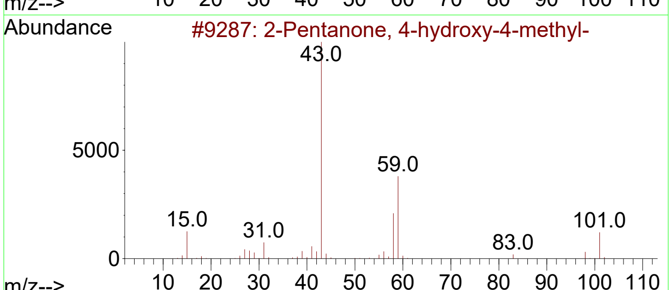
Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

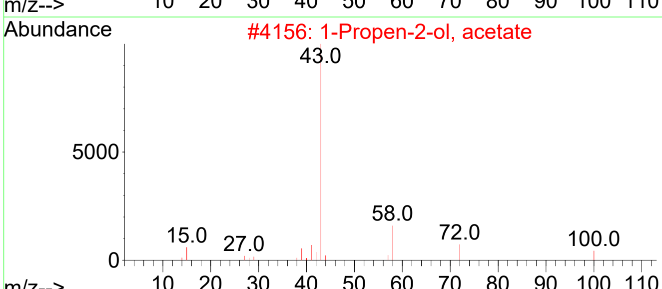
```
*********************************************************************
Peak Number  4  2-Pentanone, 4-hydroxy-4-me...   Concentration Rank  3
```

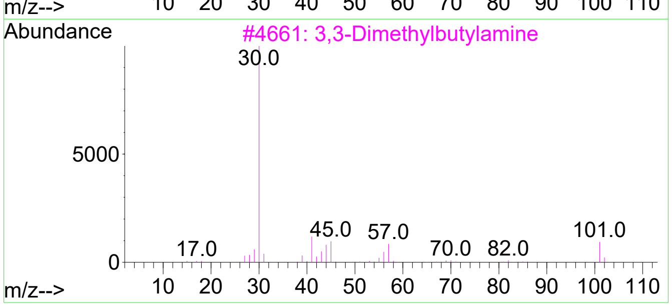
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.151	14.75 ng	421279	1,4-Dichlorobenzene-d4	6.928

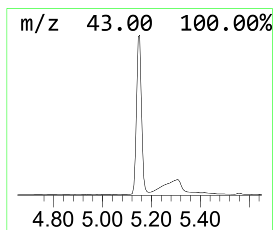
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
3	3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9

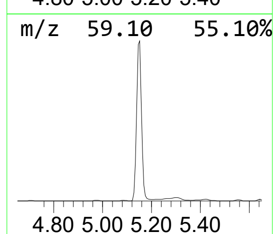


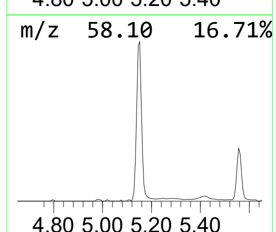


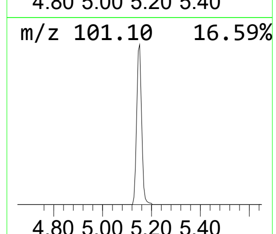


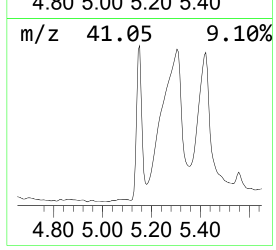












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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On    : 18 Aug 2025  12:39
Operator  : RC/JU
Sample    : Q2837-01
Misc      :
ALS Vial  : 9   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

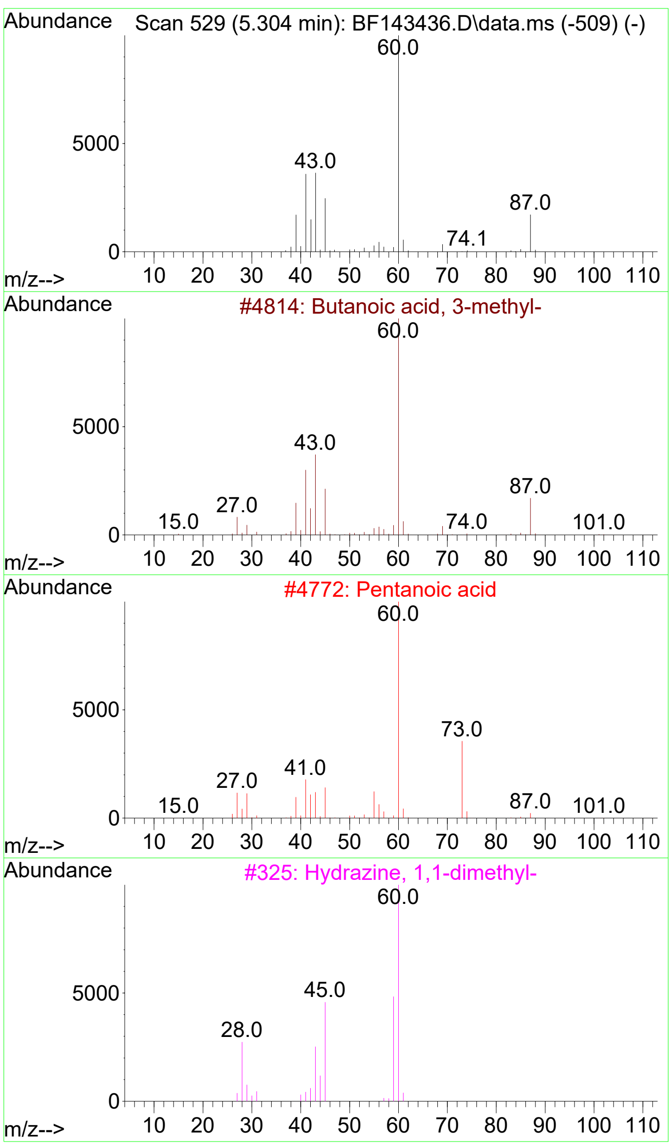
TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

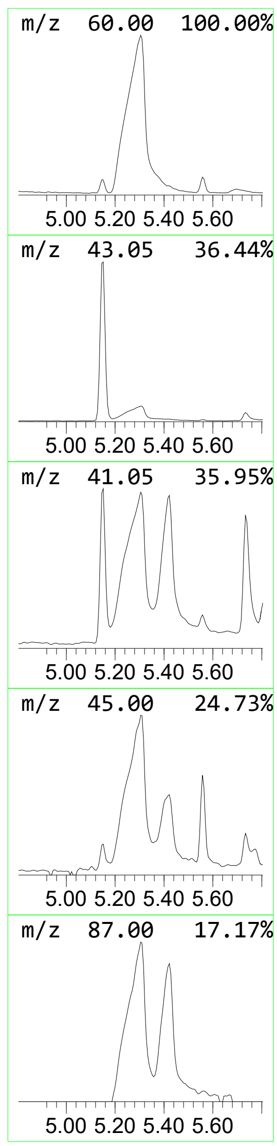
Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

```
**********************************************************************
Peak Number  5  Butanoic acid, 3-methyl-       Concentration Rank  2
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.304	15.56 ng	444230	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	45
3	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
4	Hexanoic acid	116	C6H12O2	000142-62-1	9
5	Butanoic acid, 4-chloro-	122	C4H7ClO2	000627-00-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

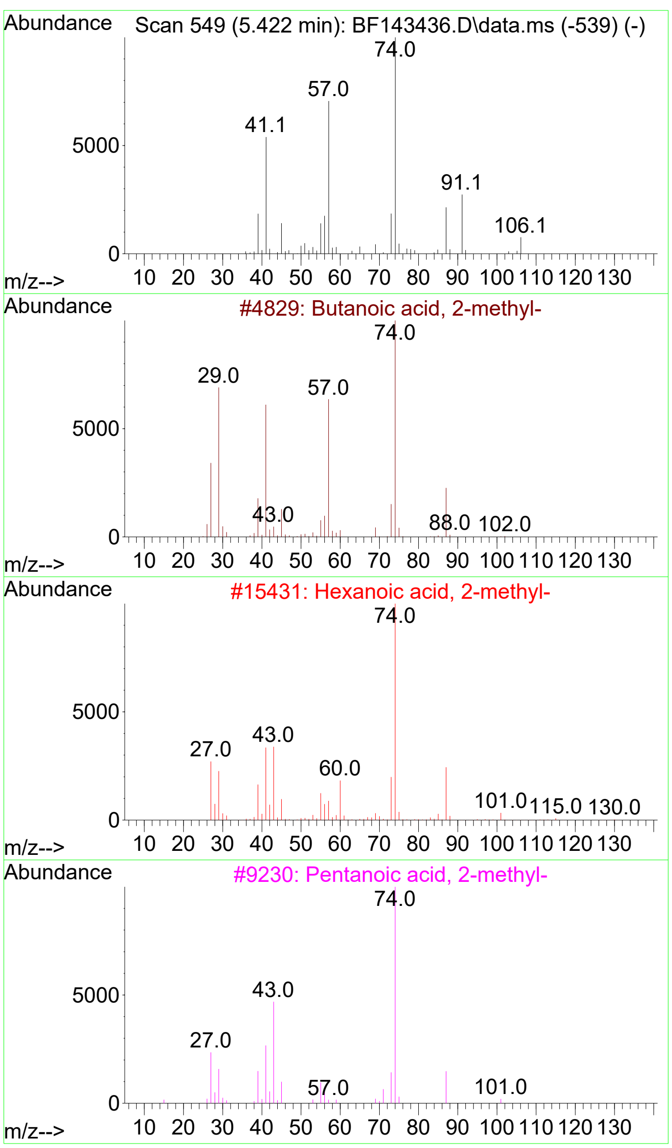
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

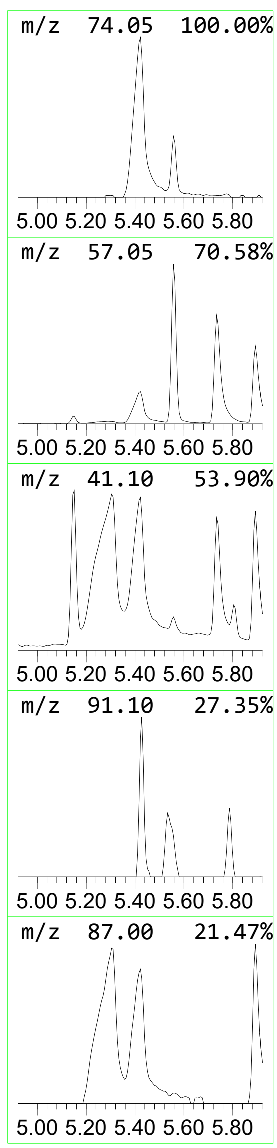
****

Peak Number 6 Butanoic acid, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.422	7.42 ng	211978	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	78
2	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	72
3	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	64
4	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	38
5	3-(Dioxolan-2-yl)-1,1-dimethyl-2...	251	C14H21NO3	1000305-98-1	33





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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On    : 18 Aug 2025  12:39
Operator  : RC/JU
Sample    : Q2837-01
Misc      :
ALS Vial  : 9   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

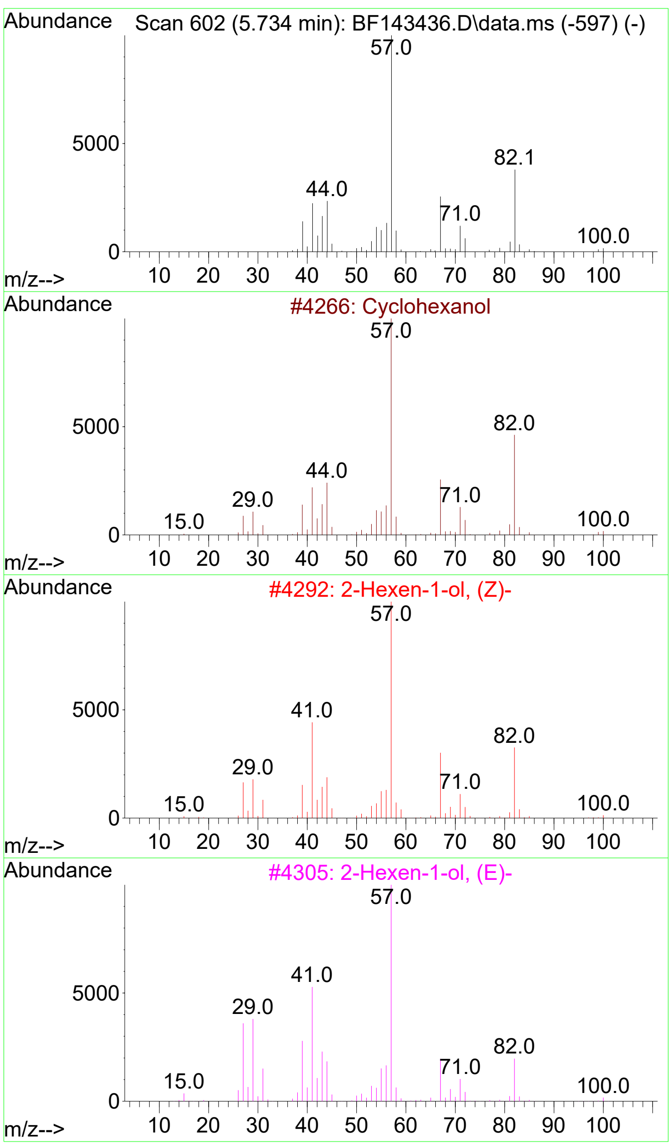
Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

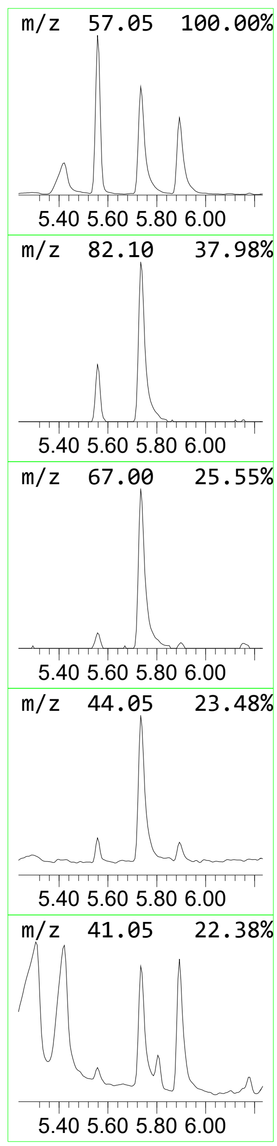
****

Peak Number 7 Cyclohexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.734	9.37 ng	267555	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	97
2	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	91
3	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	80
4	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	43
5	Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	40





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Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

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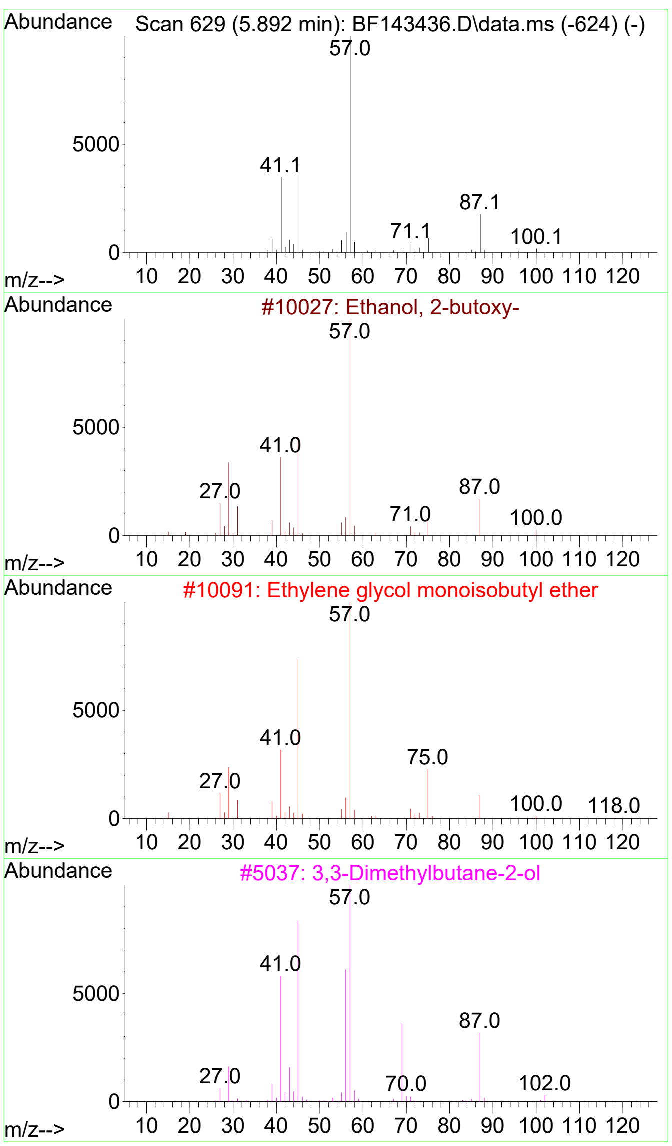
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

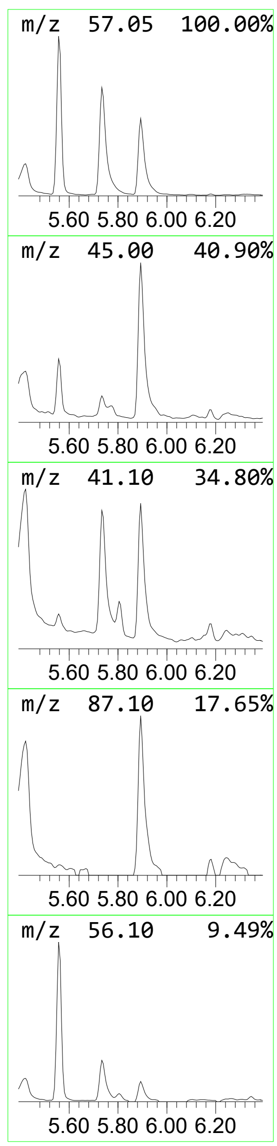
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Ethanol, 2-butoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.892	5.21 ng	148921	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	14
5	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	12





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TIC Library    : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

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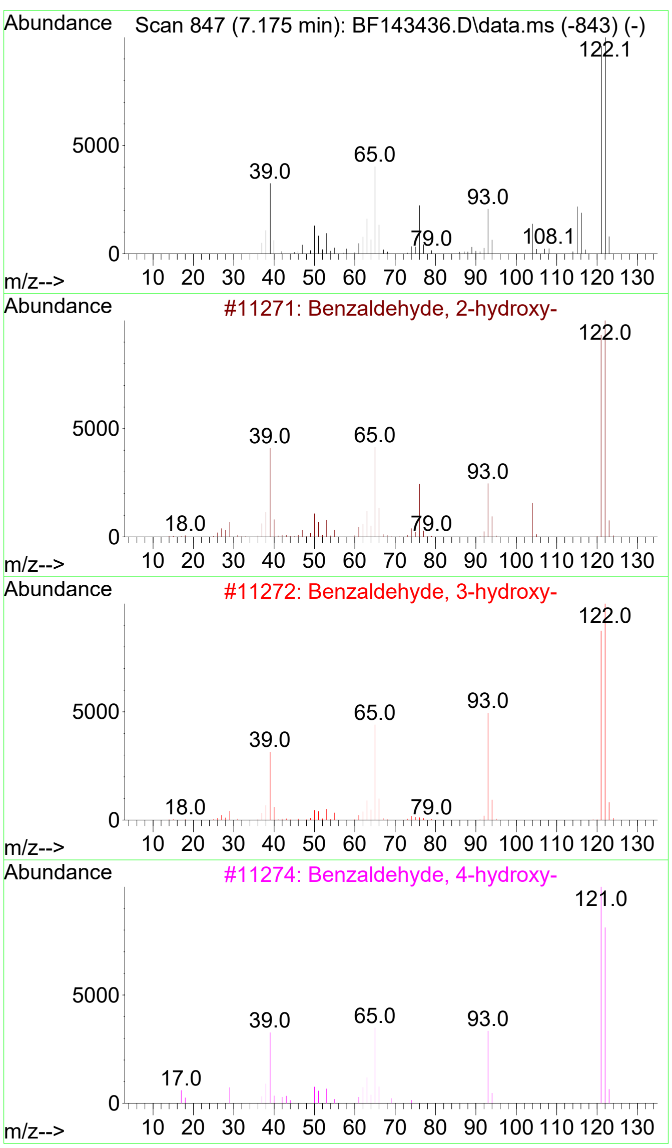
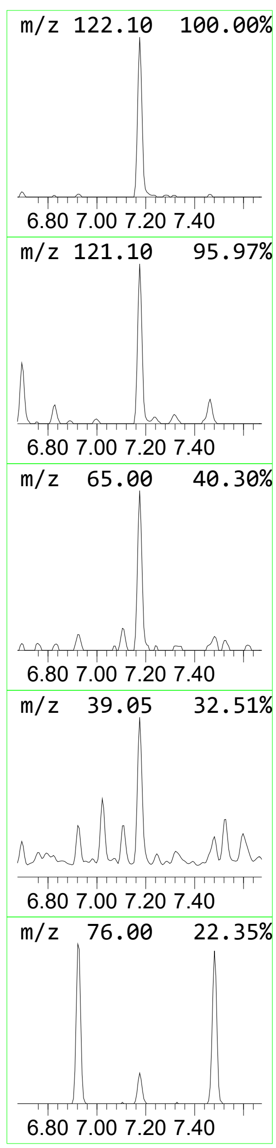
*********************************************************************
Peak Number  9  Benzaldehyde, 2-hydroxy-        Concentration Rank 11
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.175	4.42 ng	126263	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	97
2	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	91
3	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	90
4	1,3-Benzodioxole	122	C7H6O2	000274-09-9	30
5	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	30





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

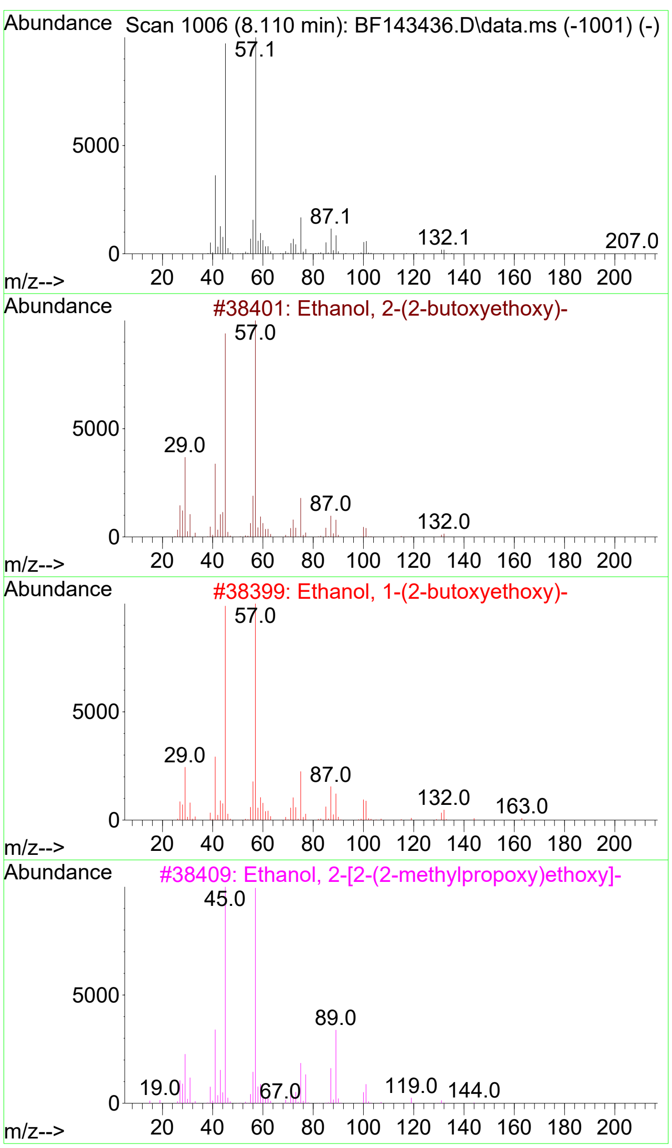
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

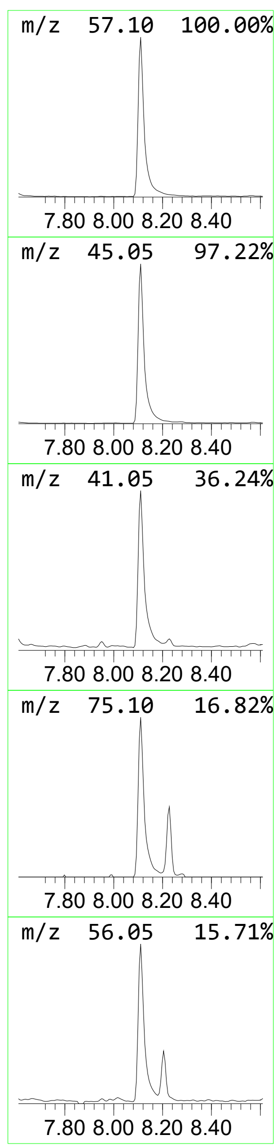
****

Peak Number 10 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	10.42 ng	558586	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





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Instrument :
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ClientSampleId :
TW-WTS-13

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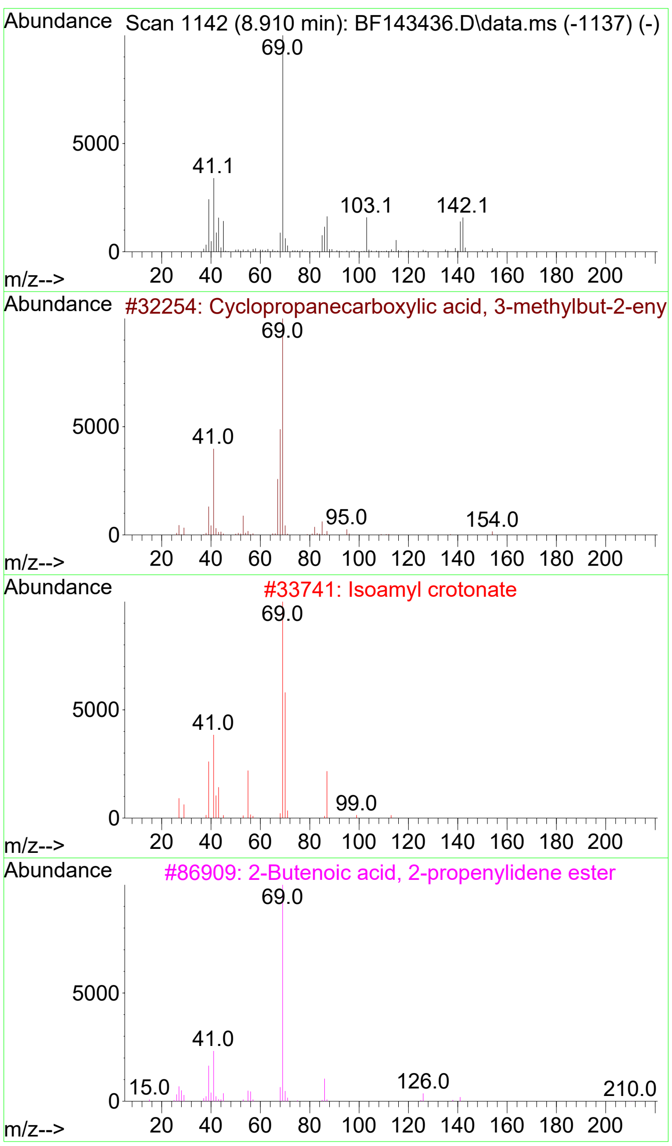
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

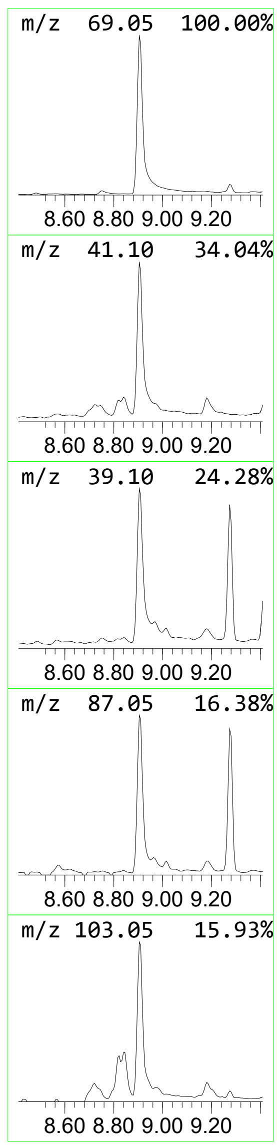
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown8.910 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.910	7.86 ng	421282	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	47
2	Isoamyl crotonate	156	C9H16O2	1010429-17-3	47
3	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	40
4	Crotonic anhydride	154	C8H10O3	000623-68-7	38
5	4-Hexenoic acid, 2,5-dimethyl-	142	C8H14O2	082898-13-3	33





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TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

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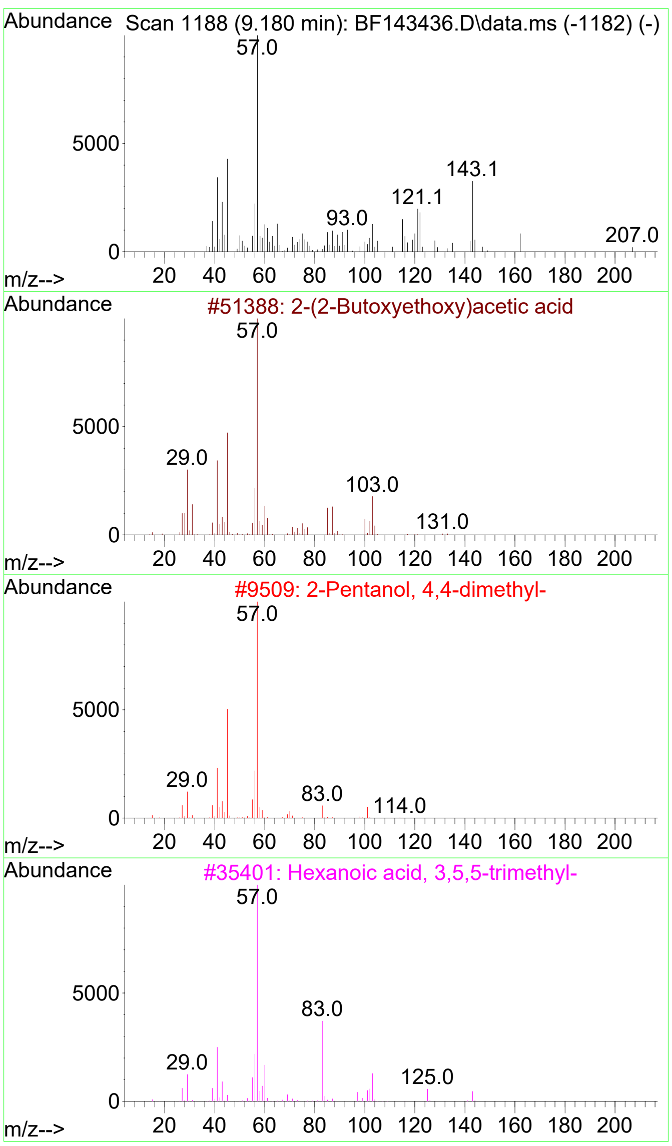
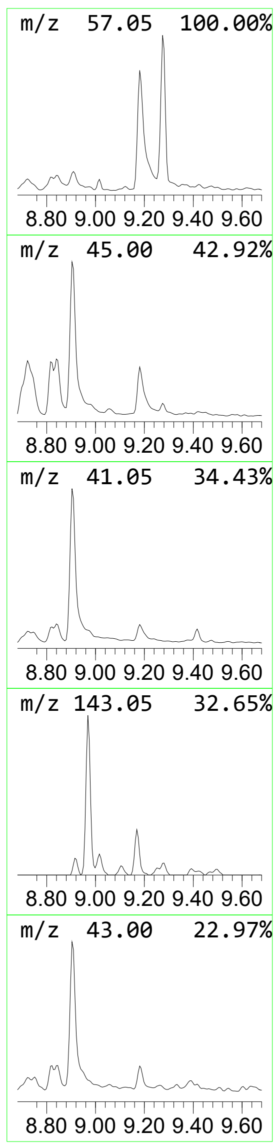
**********************************************************************
Peak Number 12  2-(2-Butoxyethoxy)acetic acid   Concentration Rank 15
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.180	2.58 ng	99811	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Butoxyethoxy)acetic acid	176	C8H16O4	082941-26-2	50
2	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	38
3	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	38
4	Butane, 1-(2-methoxyethoxy)-	132	C7H16O2	013343-98-1	38
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	38





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TW-WTS-13

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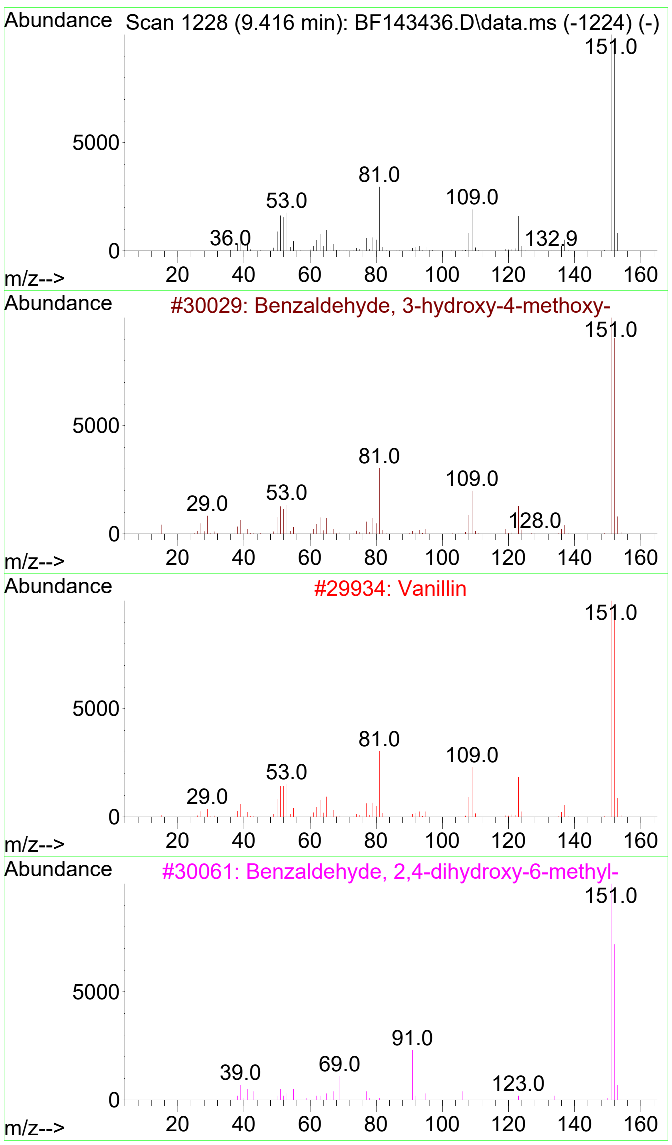
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

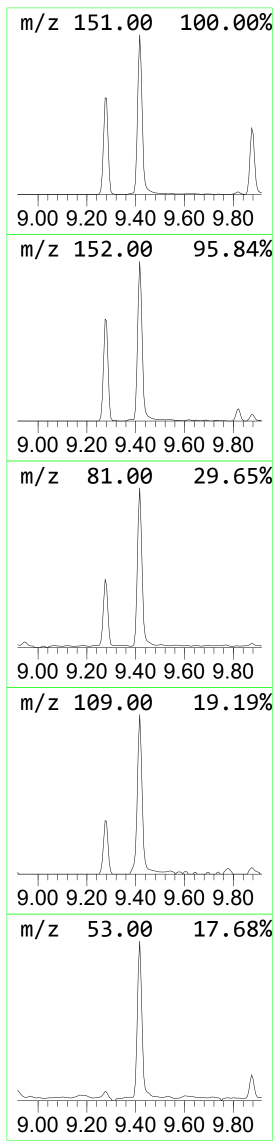
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	9.38 ng	362490	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Benzaldehyde, 2,4-dihydroxy-6-me...	152	C8H8O3	000487-69-4	64
4	2,4-Dihydroxy-3-methylbenzaldehyde	152	C8H8O3	006248-20-0	59
5	2-Hydroxy-4-methoxybenzaldehyde,...	194	C10H10O4	1010352-92-0	59





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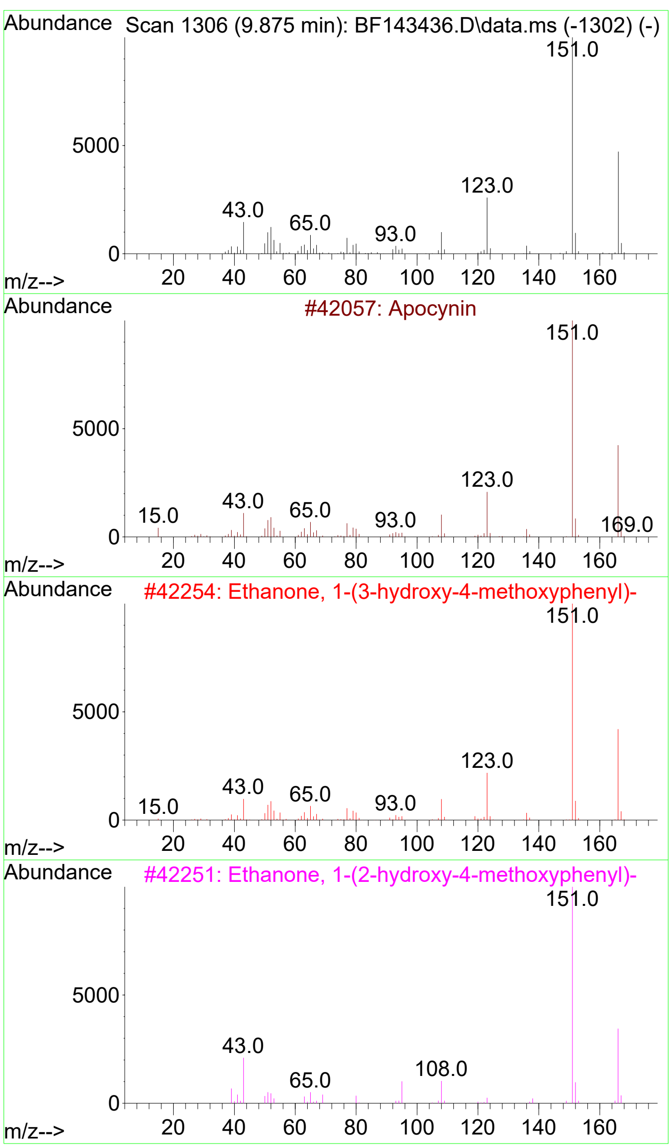
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

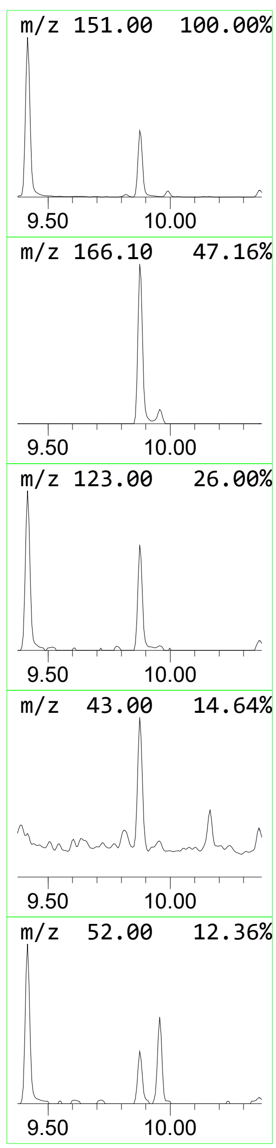
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Apocynin Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.875	3.23 ng	124913	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Apocynin	166	C9H10O3	000498-02-2	96
2	Ethanone, 1-(3-hydroxy-4-methoxy...	166	C9H10O3	006100-74-9	95
3	Ethanone, 1-(2-hydroxy-4-methoxy...	166	C9H10O3	000552-41-0	81
4	Ethanone, 1-[4-(methylthio)phenyl]-	166	C9H10OS	001778-09-2	80
5	t-Butylhydroquinone	166	C10H14O2	001948-33-0	72





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Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.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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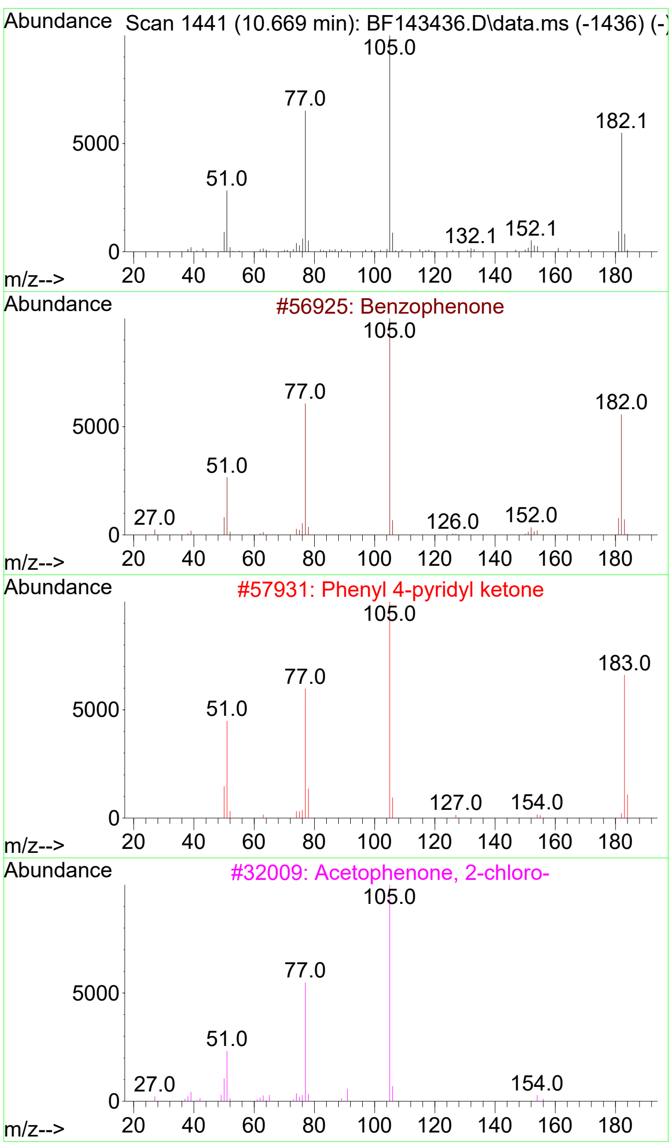
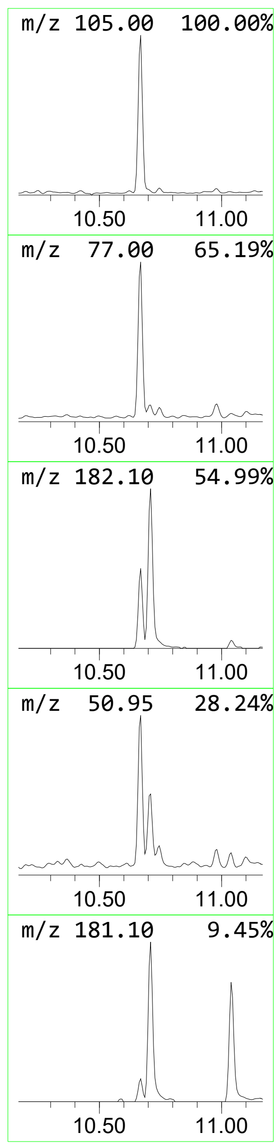
Peak Number 15 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	2.23 ng	86255	Acenaphthene-d10	9.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





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

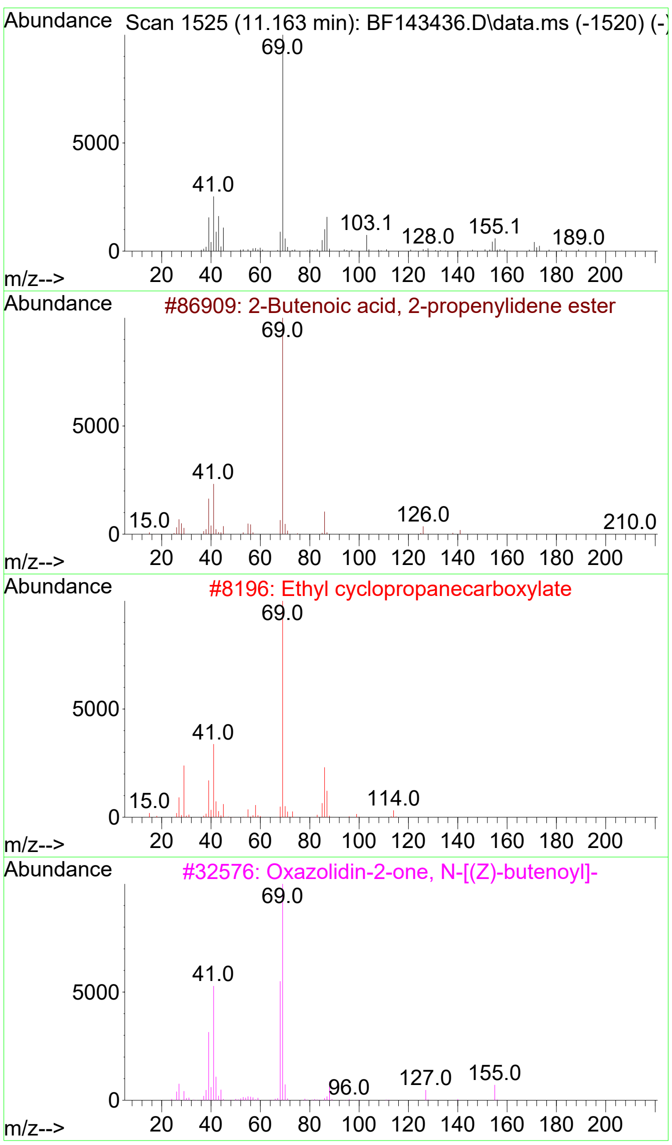
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

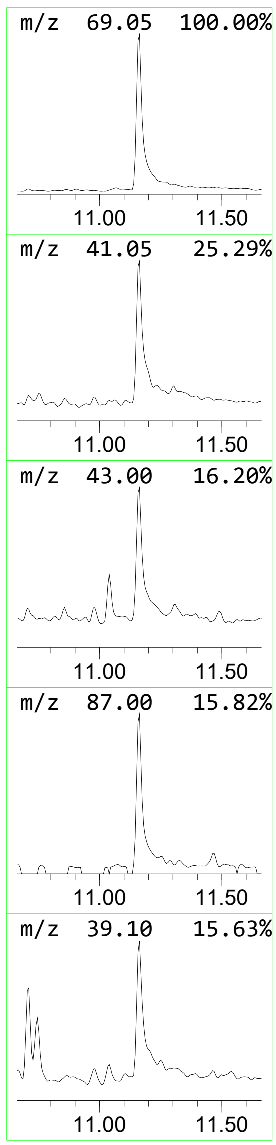
****

Peak Number 16 2-Butenoic acid, 2-propenyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	3.68 ng	132617	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	50
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	45
3	Oxazolidin-2-one, N-[(Z)-butenoyl]-	155	C7H9NO3	1000156-45-4	38
4	(E)-2-Methylbut-2-en-1-yl methac...	154	C9H14O2	088142-95-4	36
5	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	33





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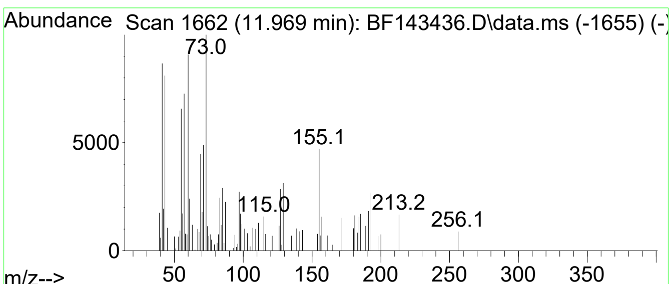
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

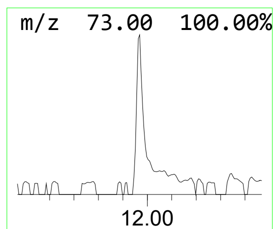
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

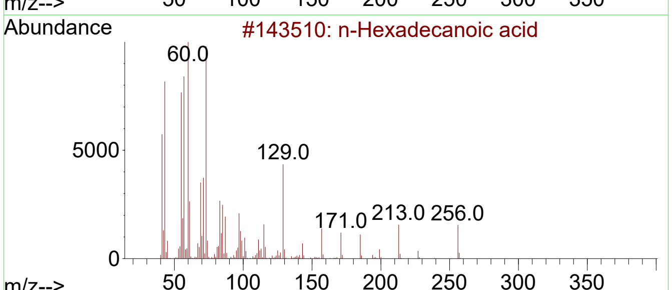
****
Peak Number 17 n-Hexadecanoic acid Concentration Rank 20

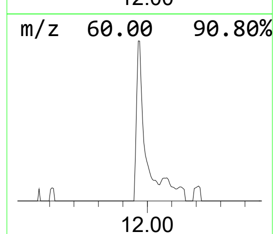
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.04 ng	73525	Phenanthrene-d10	11.445

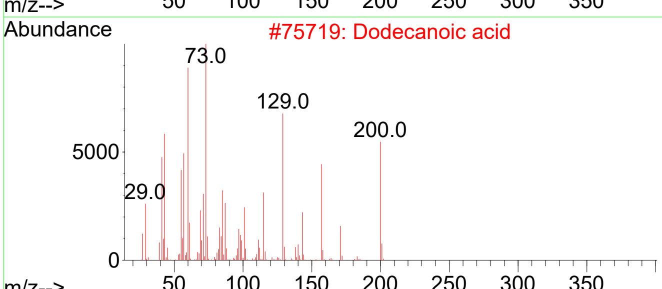
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	60
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	52
4	Tridecanoic acid	214	C13H26O2	000638-53-9	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47

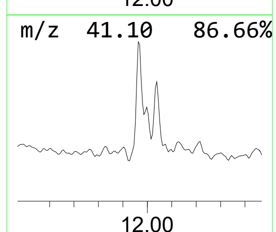


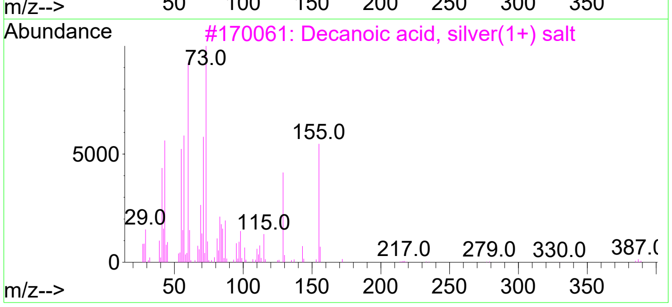


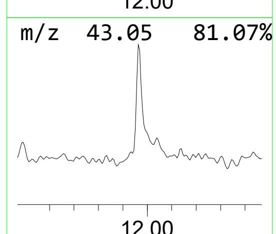


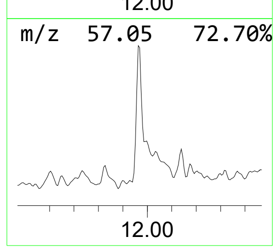












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Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

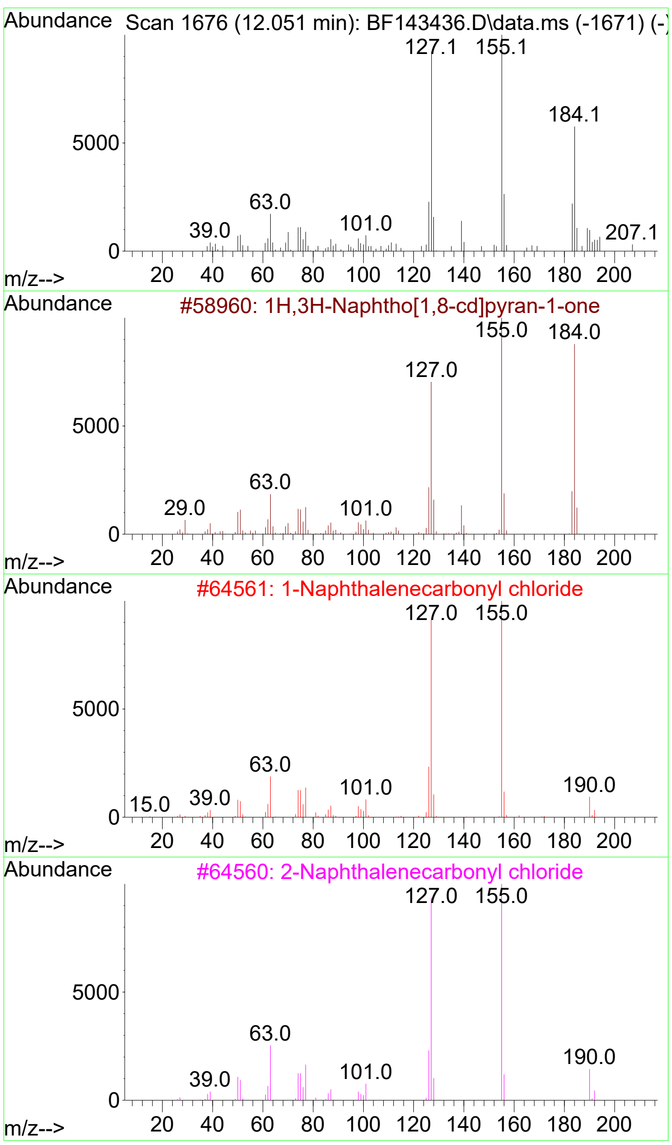
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

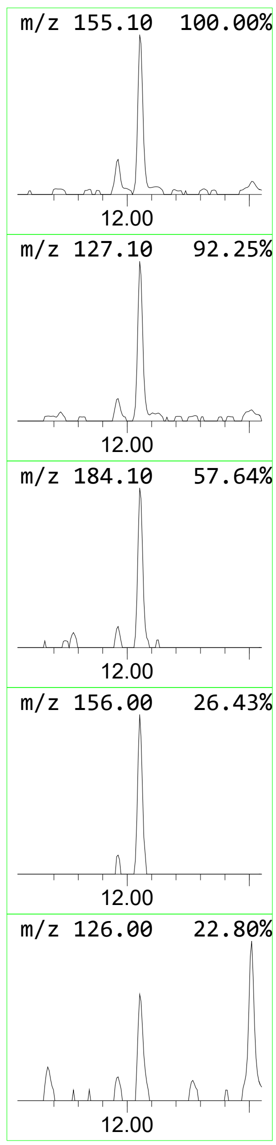
****

Peak Number 18 1H,3H-Naphtho[1,8-cd]pyran-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	2.49 ng	89749	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	93
2	1-Naphthalenecarbonyl chloride	190	C11H7ClO	000879-18-5	86
3	2-Naphthalenecarbonyl chloride	190	C11H7ClO	002243-83-6	83
4	2,3-Naphthalenedicarboxaldehyde	184	C12H8O2	007149-49-7	59
5	.alpha.-Naphthoylhydrazine	186	C11H10N2O	043038-45-5	50





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Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

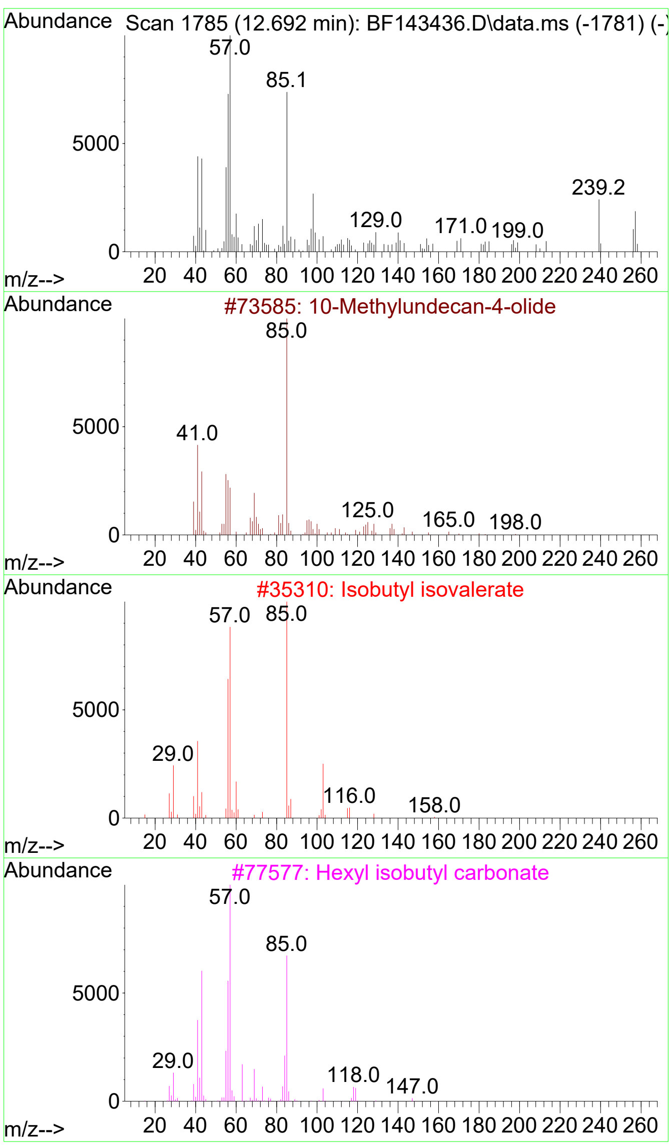
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

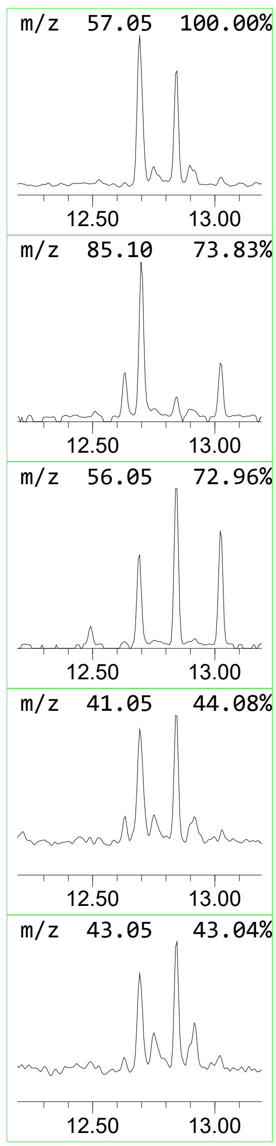
****

Peak Number 19 unknown12.692 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	2.17 ng	78223	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylundecan-4-olide	198	C12H22O2	1000370-40-5	49
2	Isobutyl isovalerate	158	C9H18O2	000589-59-3	47
3	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	47
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	35
5	3-Oxobutan-2-yl 2-methylbutanoate	172	C9H16O3	1000372-70-6	27





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.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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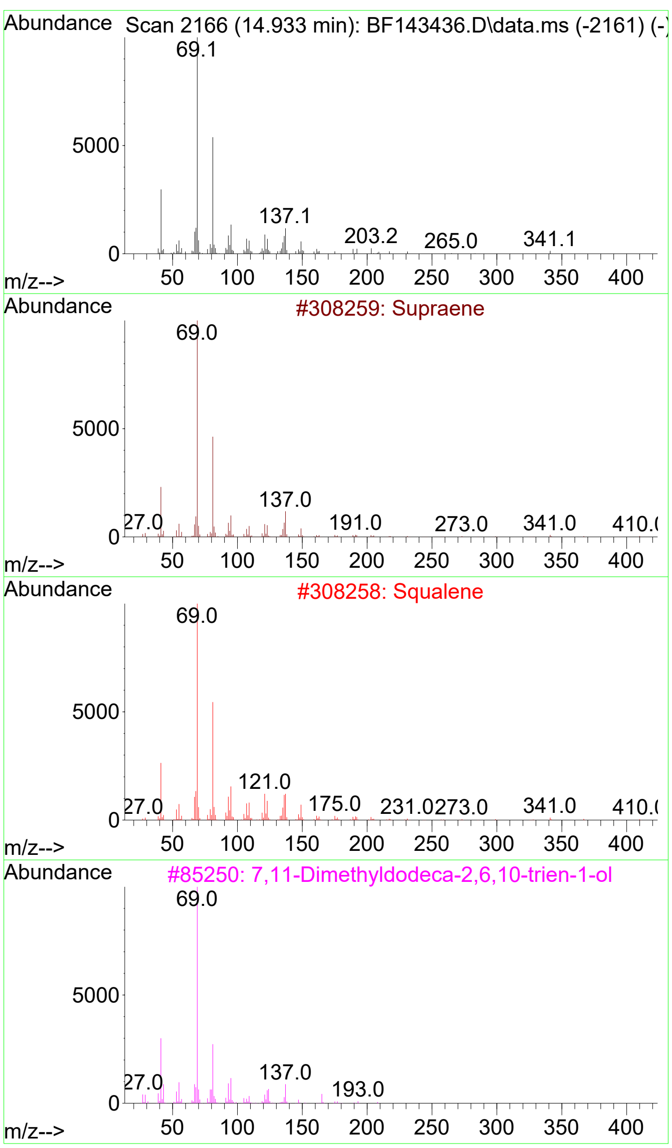
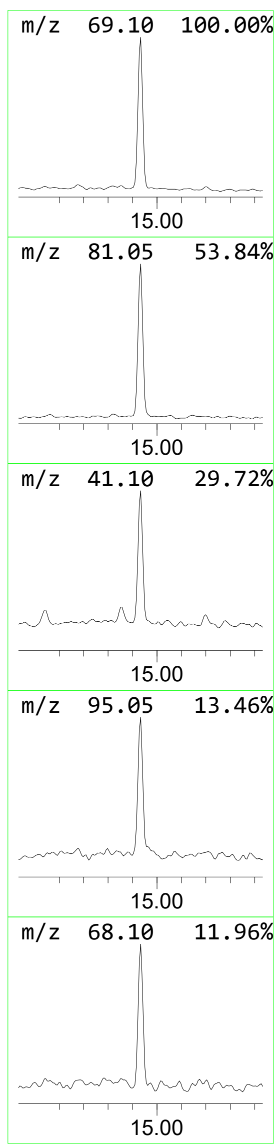
Peak Number 20 Supraene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	2.43 ng	96403	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143436.D
Acq On : 18 Aug 2025 12:39
Operator : RC/JU
Sample : Q2837-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-WTS-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.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...	2.228	110.5	ng	3155730	1	6.928	571155	20.0
Propanoic acid,...	3.993	3.1	ng	87457	1	6.928	571155	20.0
Butanoic acid	4.522	7.2	ng	206877	1	6.928	571155	20.0
2-Pentanone, 4-...	5.151	14.8	ng	421279	1	6.928	571155	20.0
Butanoic acid, ...	5.304	15.6	ng	444230	1	6.928	571155	20.0
Butanoic acid, ...	5.422	7.4	ng	211978	1	6.928	571155	20.0
Cyclohexanol	5.734	9.4	ng	267555	1	6.928	571155	20.0
Ethanol, 2-butoxy-	5.892	5.2	ng	148921	1	6.928	571155	20.0
Benzaldehyde, 2...	7.175	4.4	ng	126263	1	6.928	571155	20.0
Ethanol, 2-(2-b...	8.110	10.4	ng	558586	2	8.204	1071730	20.0
unknown8.910	8.910	7.9	ng	421282	2	8.204	1071730	20.0
2-(2-Butoxyetho...	9.180	2.6	ng	99811	3	9.957	773224	20.0
Benzaldehyde, 3...	9.416	9.4	ng	362490	3	9.957	773224	20.0
Apocynin	9.875	3.2	ng	124913	3	9.957	773224	20.0
Benzophenone	10.669	2.2	ng	86255	3	9.957	773224	20.0
2-Butenoic acid...	11.163	3.7	ng	132617	4	11.445	721494	20.0
n-Hexadecanoic ...	11.969	2.0	ng	73525	4	11.445	721494	20.0
1H,3H-Naphtho[1...	12.051	2.5	ng	89749	4	11.445	721494	20.0
unknown12.692	12.692	2.2	ng	78223	4	11.445	721494	20.0
Supraene	14.933	2.4	ng	96403	6	15.574	794783	20.0