LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAW-25-0078

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.416	372	378	386	rBV	103602	158720	3.10%	0.498%
2	4.546	395	400	412	rVB	239297	360098	7.04%	1.131%
3	4.751	427	435	449	rVB3	28586	60211	1.18%	0.189%
4	5.104	485	495	501	rBV2	104648	183352	3.58%	0.576%
5	5.381	535	542	546	rBV	288718	394812	7.71%	1.240%
6	5.510	558	564	570	rBV	929246	1235232	24.14%	3.879%
7	6.034	648	653	659	rBV	41293	69811	1.36%	0.219%
8	6.098	659	664	669	rVB4	46874	73824	1.44%	0.232%
9	6.410	708	717	722	rBV	166230	404733	7.91%	1.271%
10	6.534	726	738	747	rBV2	507246	1119091	21.87%	3.514%
11	6.704	760	767	775	rBV4	77338	180187	3.52%	0.566%
12	6.792	775	782	786	rBV2	54104	88245	1.72%	0.277%
13	6.892	793	799	804	rBV	475197	638294	12.47%	2.004%
14	6.975	804	813	818	rVV	2919284	5118003	100.00%	16.071%
15	7.045	821	825	828	rVV2	75981	102387	2.00%	0.321%
16	7.092	828	833	837	rVV3	80410	162164	3.17%	0.509%
17	7.134	837	840	844	rVB3	73241	96140	1.88%	0.302%
18	7.292	863	867	872	rVB4	59775	91616	1.79%	0.288%
19	7.457	882	895	899	rBV	1208443	1837937	35.91%	5.771%
20	7.522	903	906	911	rVB2	76119	107344	2.10%	0.337%
21	7.651	918	928	934	rVB2	230199	623412	12.18%	1.958%
22	7.710	934	938	940	rBV3	65134	86080	1.68%	0.270%
23	7.745	940	944	950	rVB4	146202	249830	4.88%	0.784%
24	7.839	957	960	963	rBV	57962	80007	1.56%	0.251%
25	7.916	968	973	977	rBV2	112854	192071	3.75%	0.603%
26	8.069	992	999	1002	rBV2	195794	333253	6.51%	1.046%
27	8.175	1011	1017	1022	rVB2	801337	1276616	24.94%	4.009%
28	8.292	1033	1037	1048	rVB4	133788	244463	4.78%	0.768%
29	8.398	1050	1055	1059	rBV5	61983	147116	2.87%	0.462%
30	8.681	1099	1103	1109	rVB	637821	853637	16.68%	2.680%
31	8.916	1140	1143	1145	rBV3	104469	139735	2.73%	0.439%
32	9.098	1171	1174	1178	rBV3	77767	124508	2.43%	0.391%
33	9.257	1196	1201	1205	rBV	1939892	2515687	49.15%	7.899%
34	9.333	1211	1214	1215	rBV3	85972	105874	2.07%	0.332%
35	9.357	1215	1218	1220	rVV	144735	179573	3.51%	0.564%
36	9.651	1264	1268	1271	rBV2	212136	319061	6.23%	1.002%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.933	1310	1316	1320	rVB3	555772	1011901	19.77%	3.177%
38	10.733	1449	1452	1457	rBV	620644	711035	13.89%	2.233%
39	10.857	1470	1473	1480	rVB	938520	1383133	27.02%	4.343%
40	13.027	1838	1842	1850	rVB	1461792	2183119	42.66%	6.855%
41	14.715	2125	2129	2134	rBV2	1613818	2885442	56.38%	9.060%
42	16.309	2395	2400	2417	rVB	678888	1885096	36.83%	5.919%
43	16.762	2471	2477	2489	rVB	888335	1834046	35.84%	5.759%

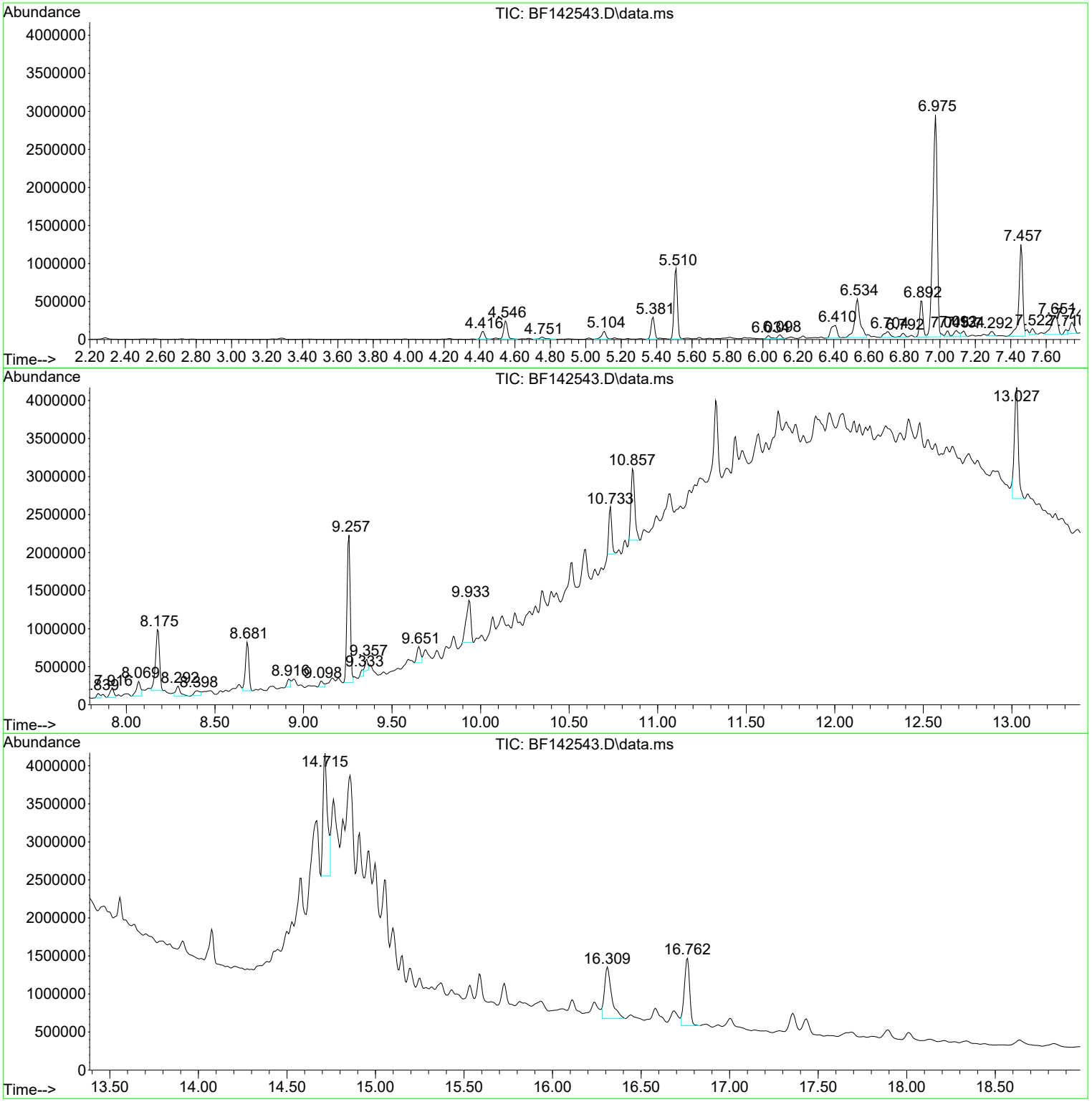
Sum of corrected areas: 31846896

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

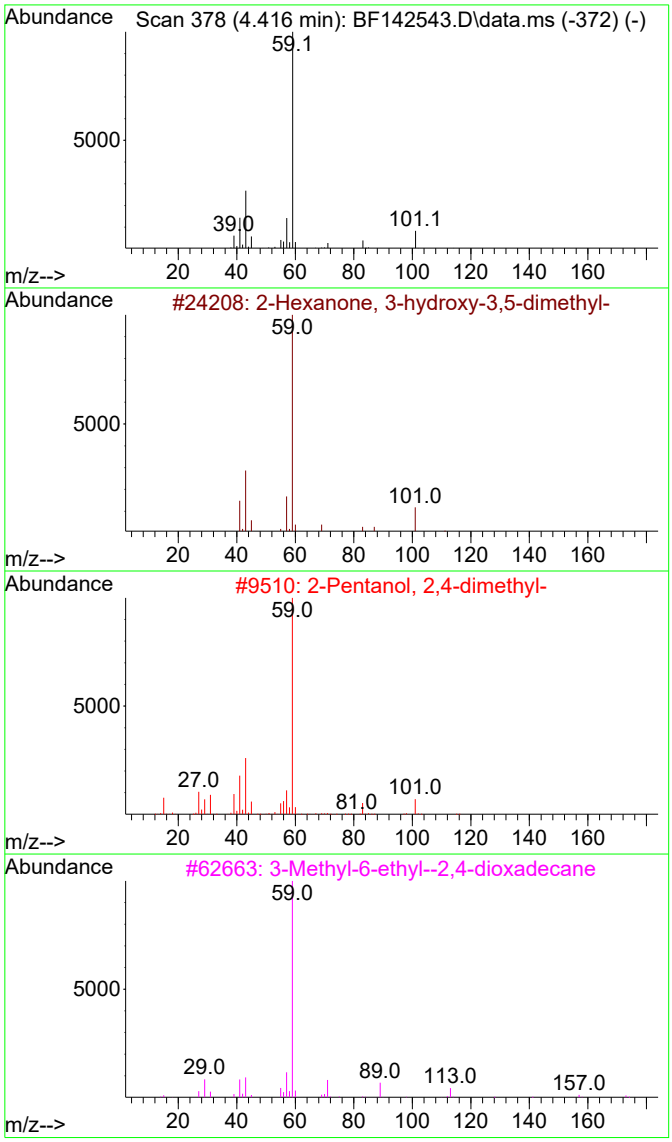
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

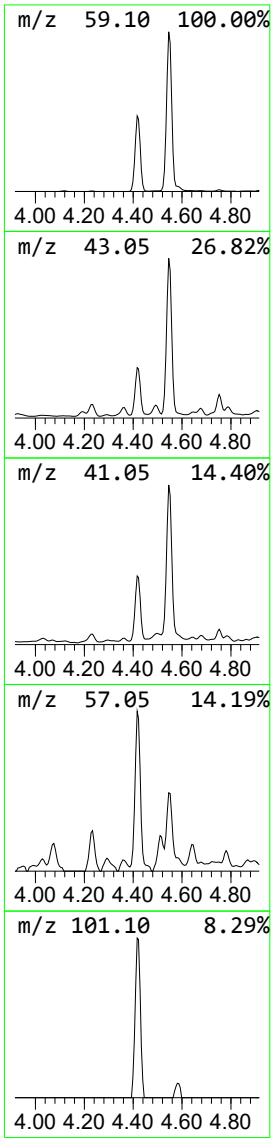
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Hexanone, 3-hydroxy-3,5-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.416	4.97 ng	158720	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	78
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	56
3	3-Methyl-6-ethyl--2,4-dioxadecane	188	C11H24O2	1000334-83-2	56
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	42
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

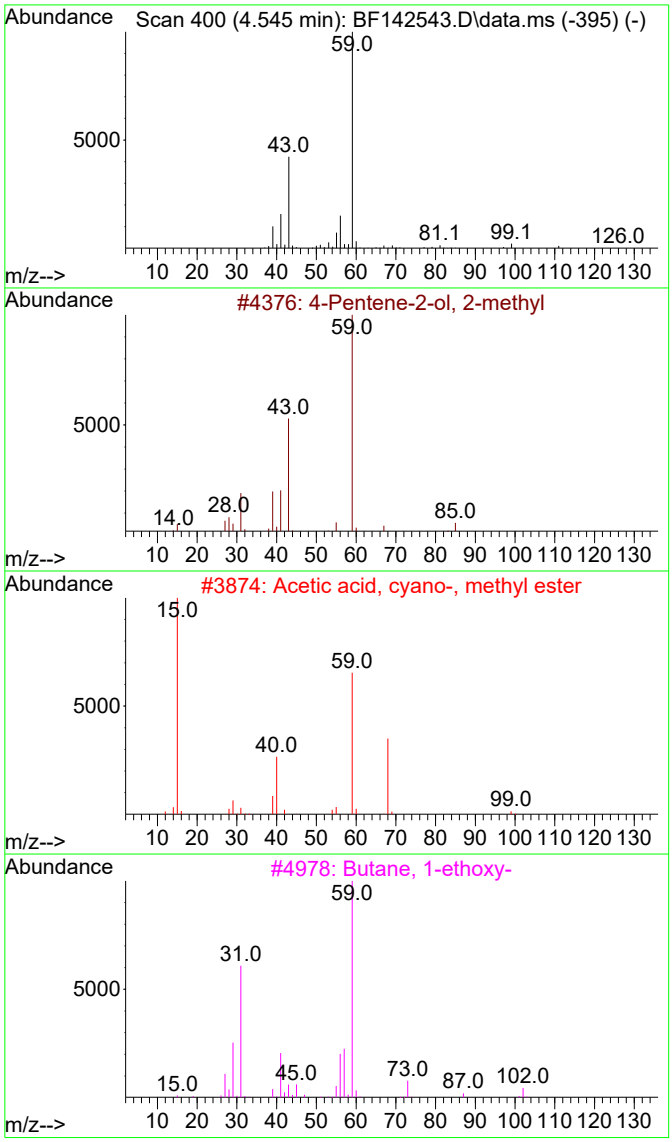
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

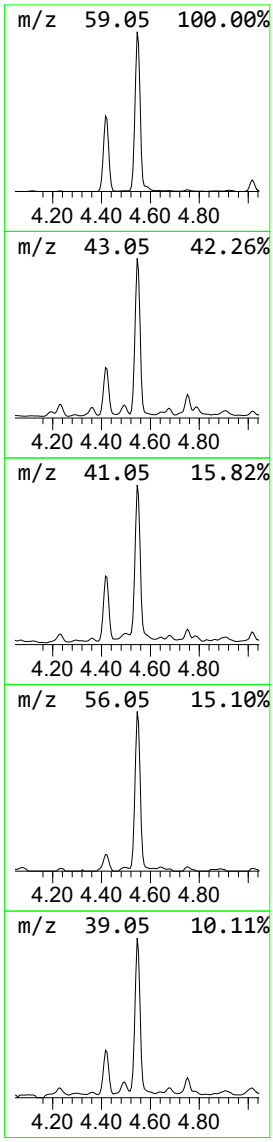
****

Peak Number 2 4-Pentene-2-ol, 2-methyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.545	11.28 ng	360098	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	50
2	Acetic acid, cyano-, methyl ester	99	C4H5NO2	000105-34-0	45
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	39
4	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	39
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

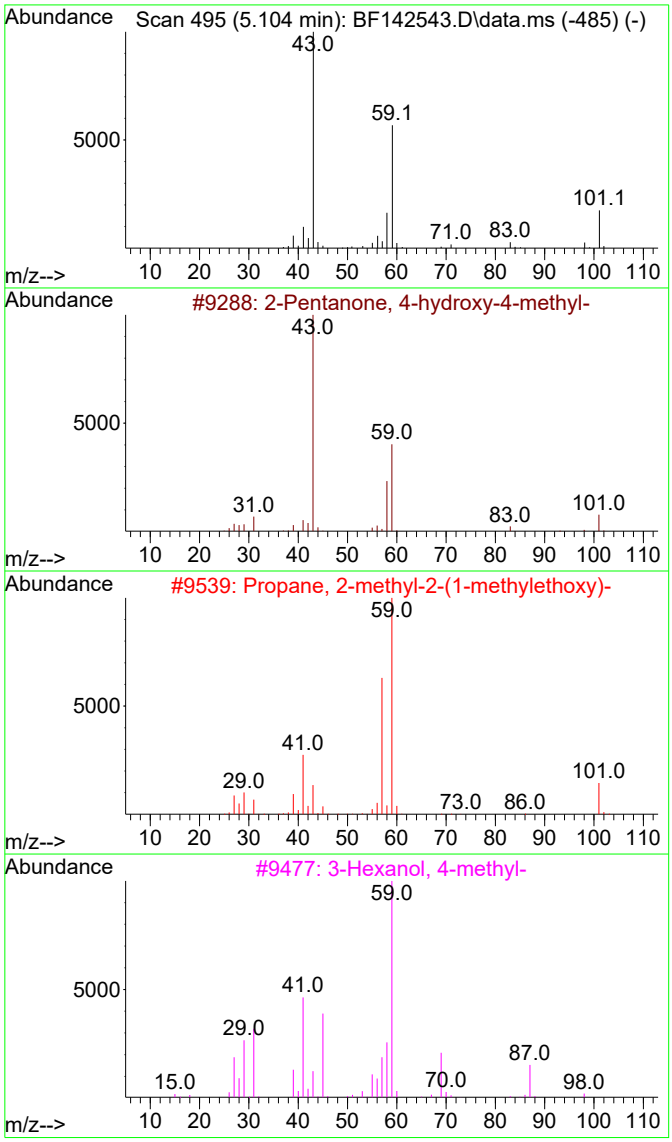
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

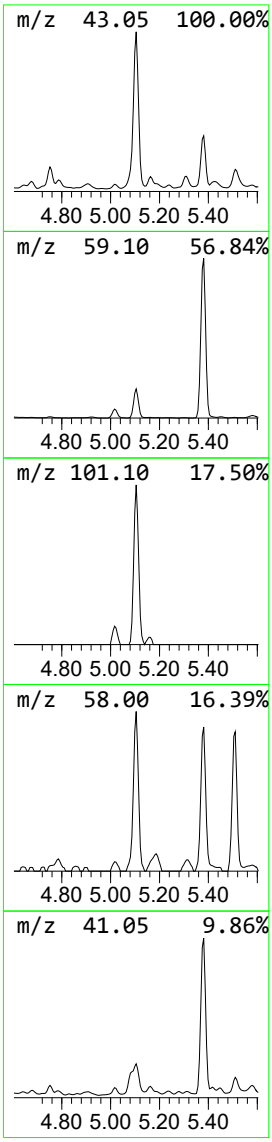
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	5.75 ng	183352	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

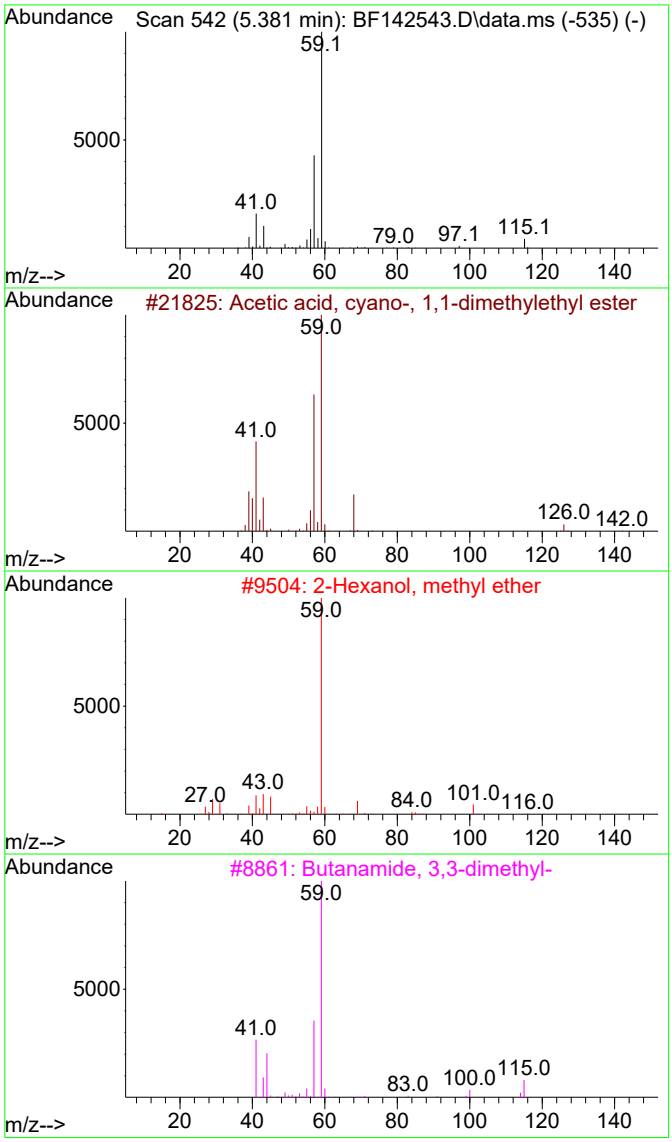
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

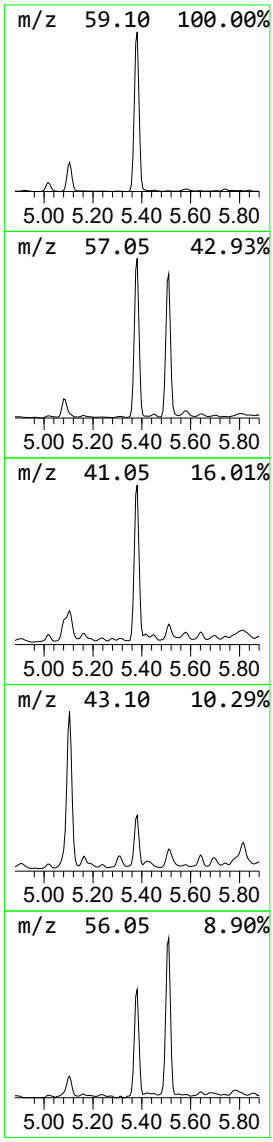
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Acetic acid, cyano-, 1,1-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.381	12.37 ng	394812	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	64
2	2-Hexanol, methyl ether	116	C7H16O	1000333-92-0	9
3	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	9
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

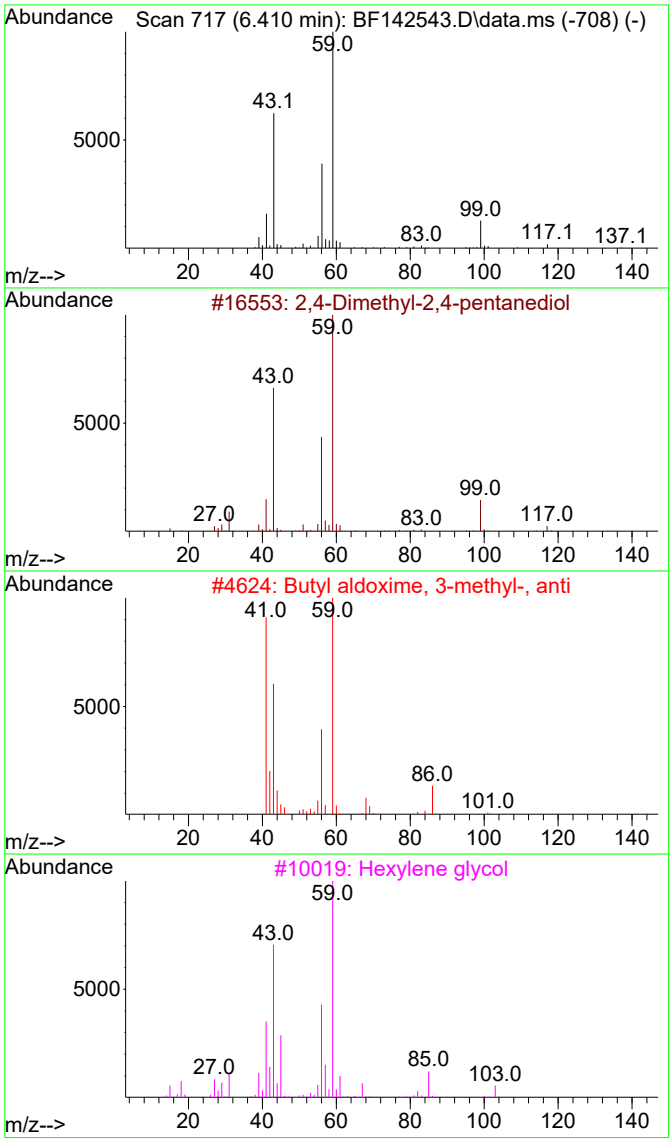
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

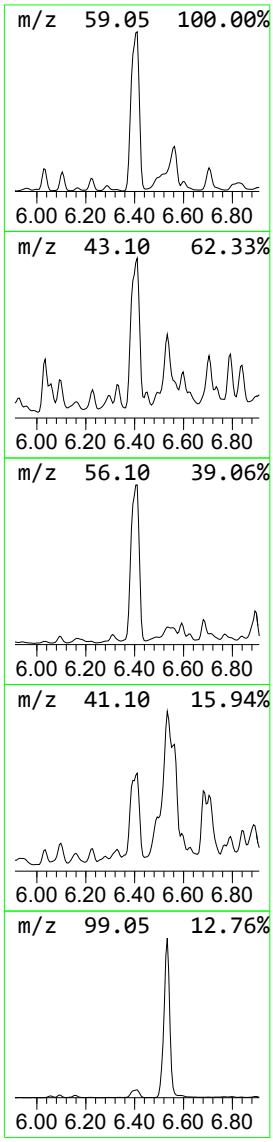
****

Peak Number 5 2,4-Dimethyl-2,4-pentanediol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.410	12.68 ng	404733	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-2,4-pentanediol	132	C7H16O2	024892-49-7	83
2	Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	72
3	Hexylene glycol	118	C6H14O2	000107-41-5	56
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
5	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

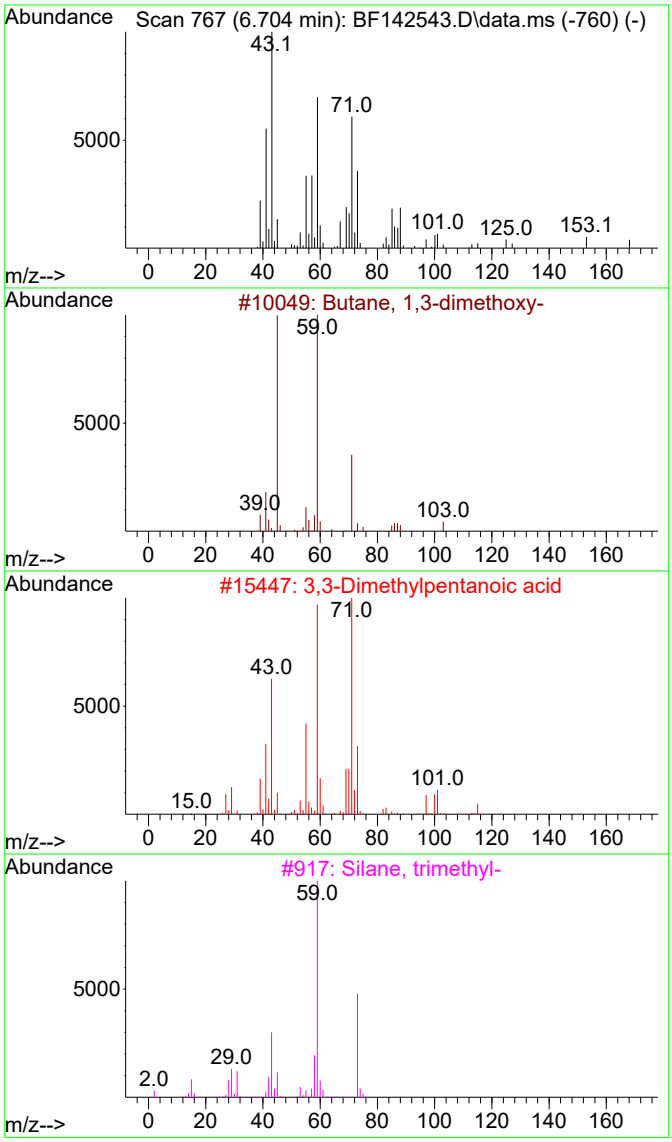
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

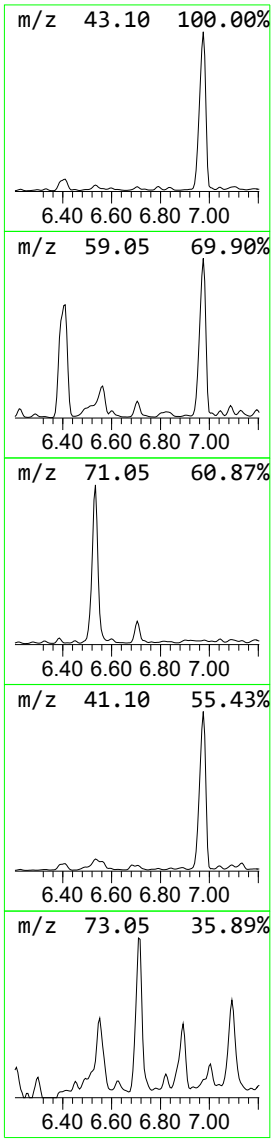
****

Peak Number 6 Butane, 1,3-dimethoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	5.65 ng	180187	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,3-dimethoxy-	118	C6H14O2	010143-66-5	59
2	3,3-Dimethylpentanoic acid	130	C7H14O2	003177-74-0	50
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	27
4	1-Butene, 3-butoxy-2-methyl-	142	C9H18O	056585-28-5	22
5	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	22





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Data File : BF142543.D
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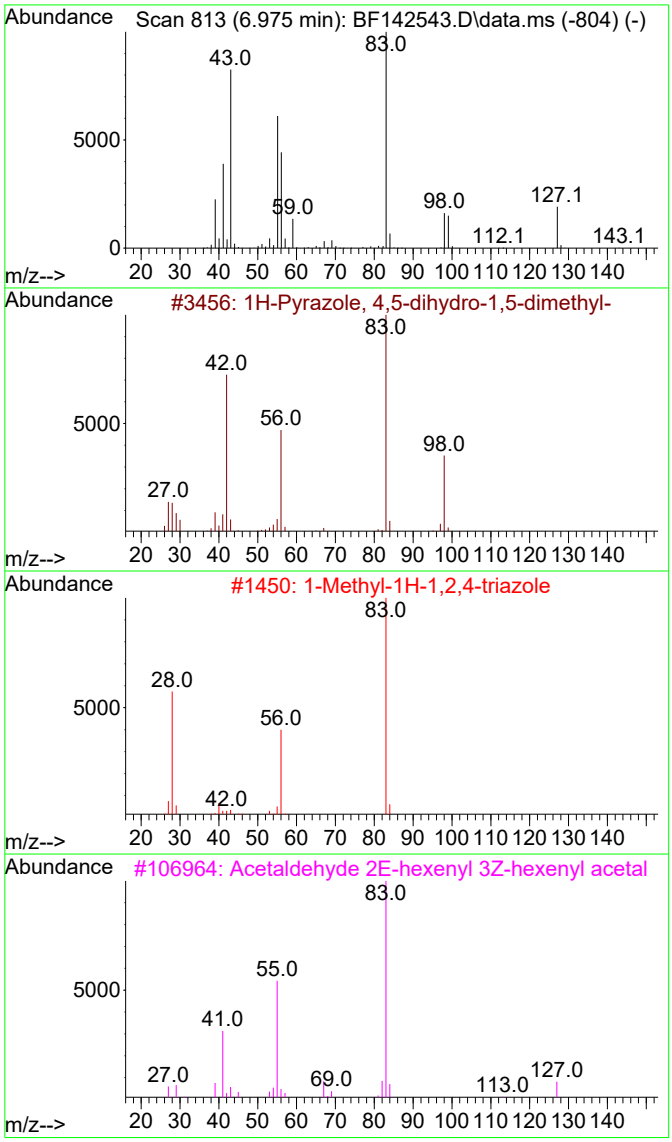
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

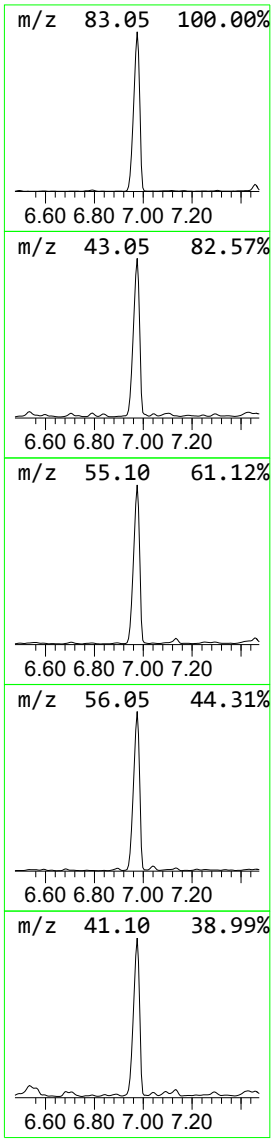
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Pyrazole, 4,5-dihydro-1,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	160.37 ng	5118000	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	50
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	47
3	Acetaldehyde 2E-hexenyl 3Z-hexen...	226	C14H26O2	1000431-45-5	38
4	1-Heptanol, 2,4-dimethyl-,	144	C9H20O	098982-97-9	37
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

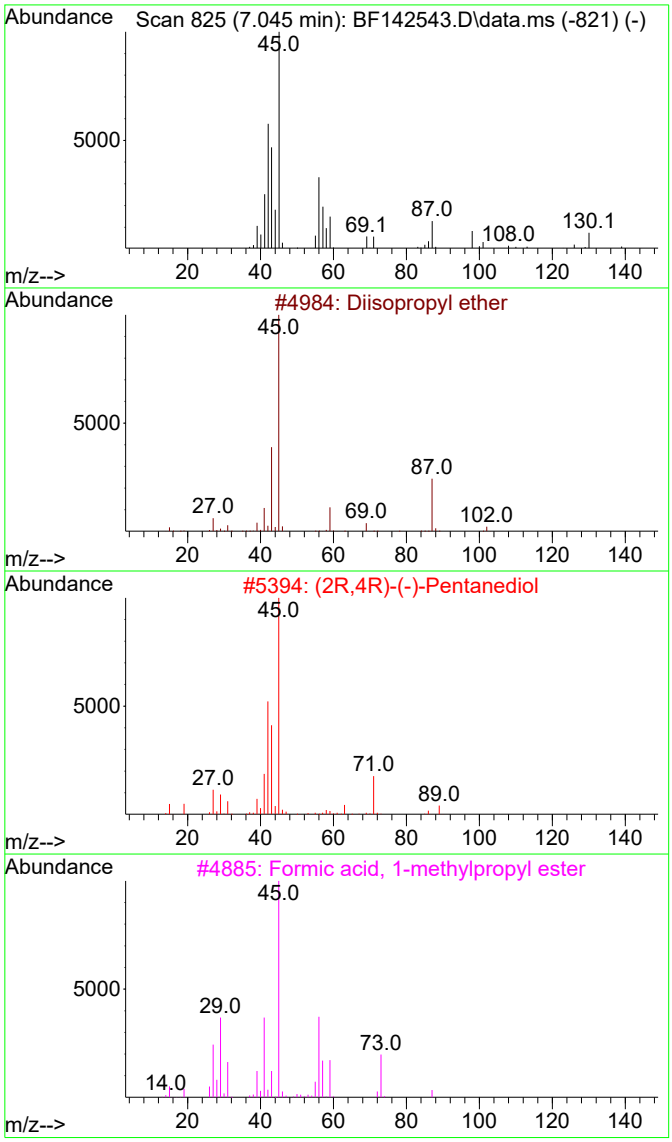
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

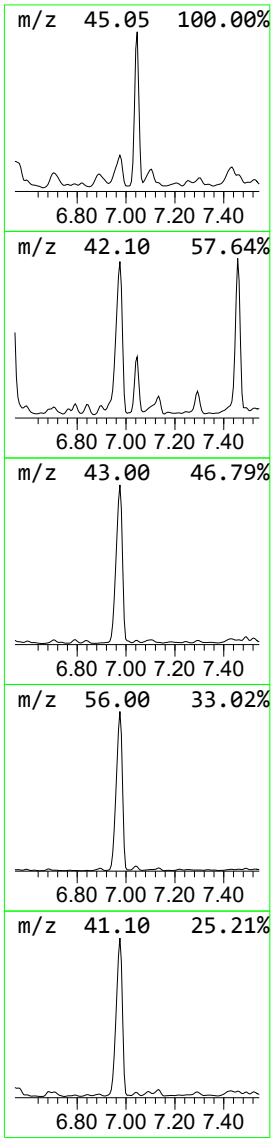
****

Peak Number 8 unknown7.045 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	3.21 ng	102387	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	43
2	(2R,4R)-(-)-Pentanediol	104	C5H12O2	042075-32-1	40
3	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	38
4	1,4-Pentanediol	104	C5H12O2	000626-95-9	38
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	37





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Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

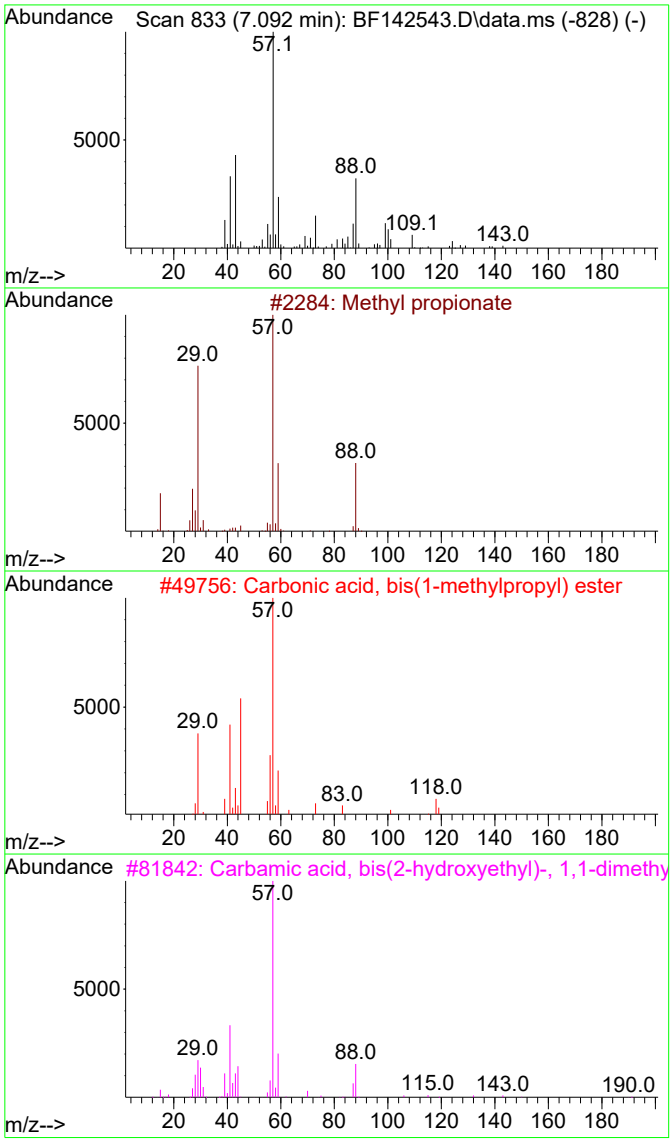
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

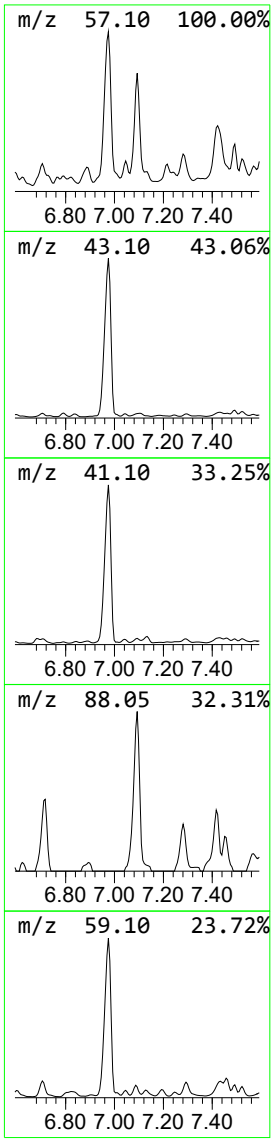
****

Peak Number 9 unknown7.092 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.092	5.08 ng	162164	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl propionate	88	C4H8O2	000554-12-1	46
2	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	35
3	Carbamic acid, bis(2-hydroxyethy...	205	C9H19NO4	103898-11-9	25
4	Hydrazinecarboxylic acid, 1,1-di...	132	C5H12N2O2	000870-46-2	16
5	1,3-Dioxolane, 2,2-dimethyl-4-(t...	188	C10H20O3	1000381-76-2	12





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Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LAW-25-0078

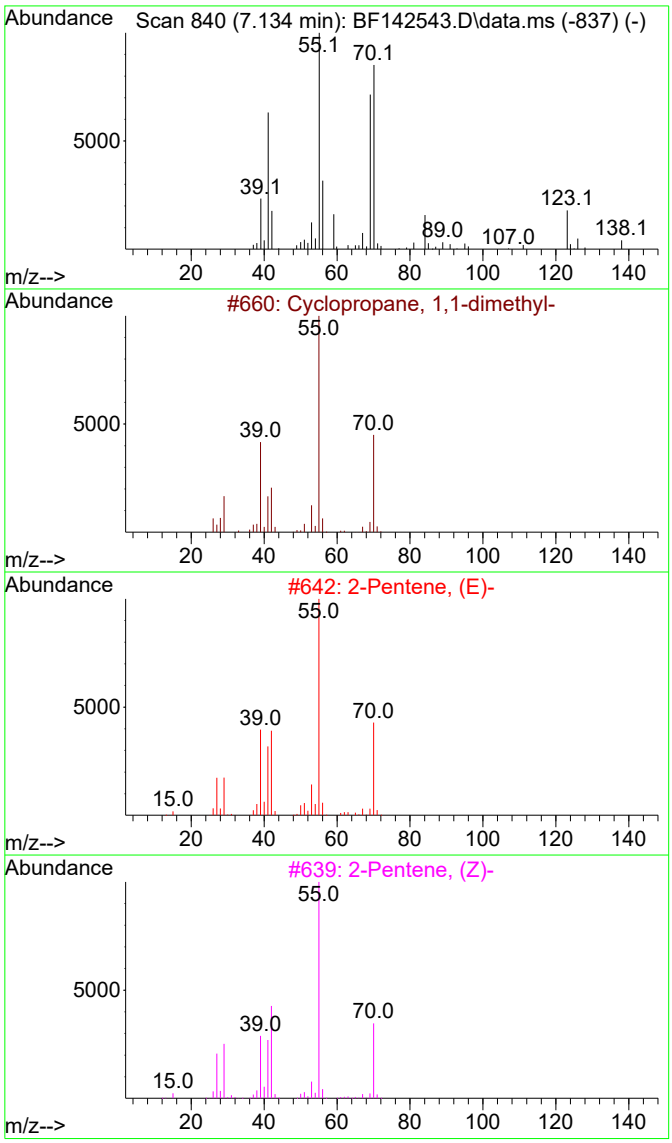
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

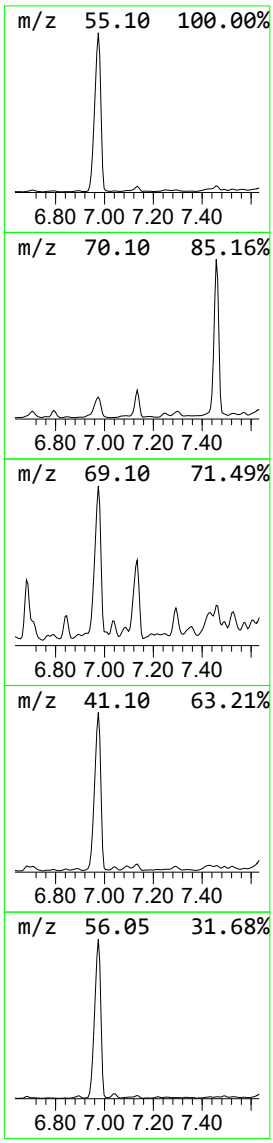
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopropane, 1,1-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	3.01 ng	96140	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	50
2	2-Pentene, (E)-	70	C5H10	000646-04-8	50
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	43
4	2-Pentene	70	C5H10	000109-68-2	43
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	43





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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

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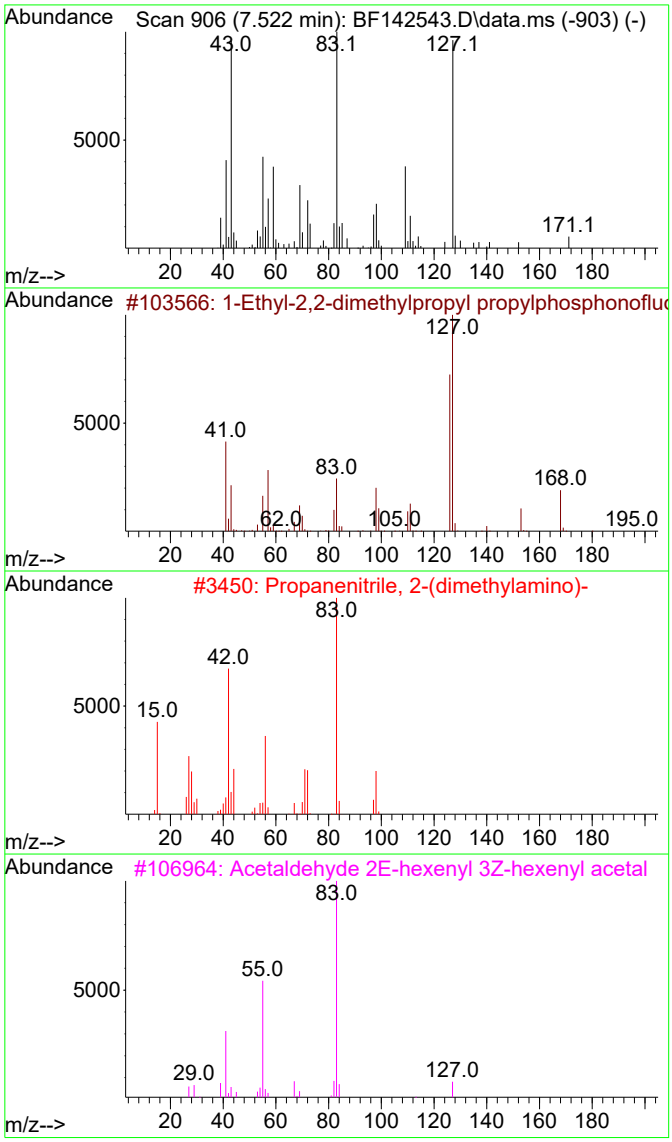
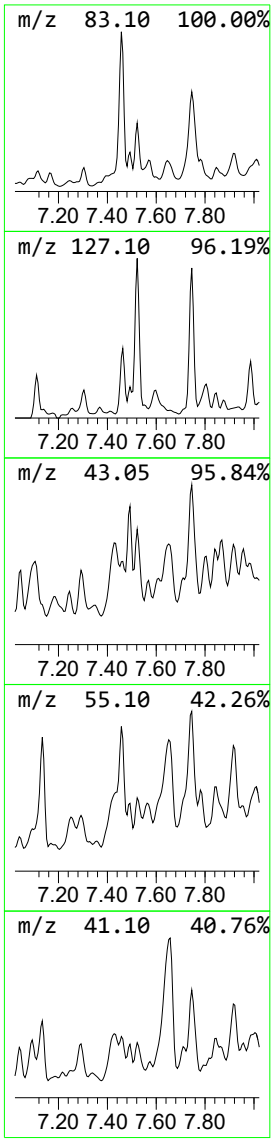
Peak Number 11 unknown7.522 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.522	3.36 ng	107344	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2-dimethylpropyl propy...	224	C10H22FO2P	1010298-29-2	38
2	Propanenitrile, 2-(dimethylamino)-	98	C5H10N2	005350-67-4	35
3	Acetaldehyde 2E-hexenyl 3Z-hexen...	226	C14H26O2	1000431-45-5	27
4	Isopropyl tiglate	142	C8H14O2	001733-25-1	27
5	1-Methyl-3-nitropyrazole	127	C4H5N3O2	054210-32-1	25





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Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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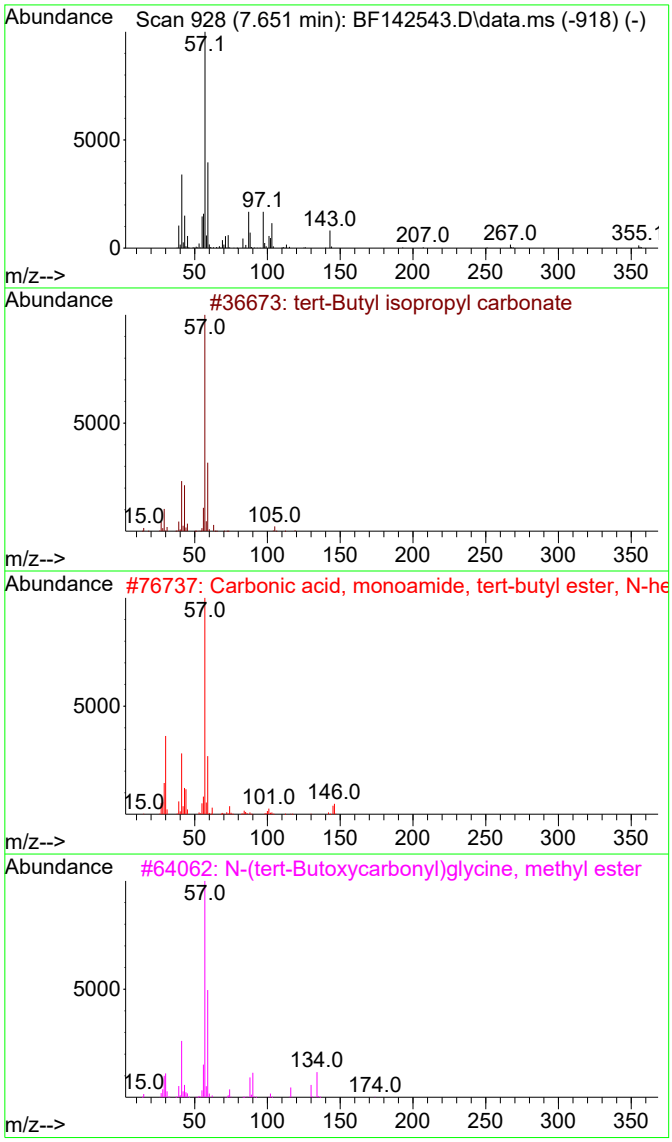
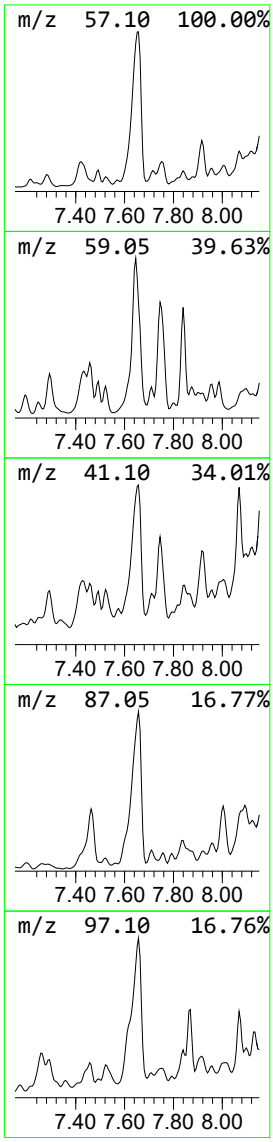
Peak Number 12 unknown7.651 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.651	9.77 ng	623412	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyl isopropyl carbonate	160	C8H16O3	030221-21-7	38
2	Carbonic acid, monoamide, tert-b...	201	C11H23NO2	1000420-59-4	37
3	N-(tert-Butoxycarbonyl)glycine, ...	189	C8H15NO4	1000333-18-9	37
4	Propane, 1-(1,1-dimethylethoxy)-...	130	C8H18O	033021-02-2	32
5	3-tert-Butoxycarbonylamino-butyr...	203	C9H17NO4	1000317-53-1	28





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
LAW-25-0078

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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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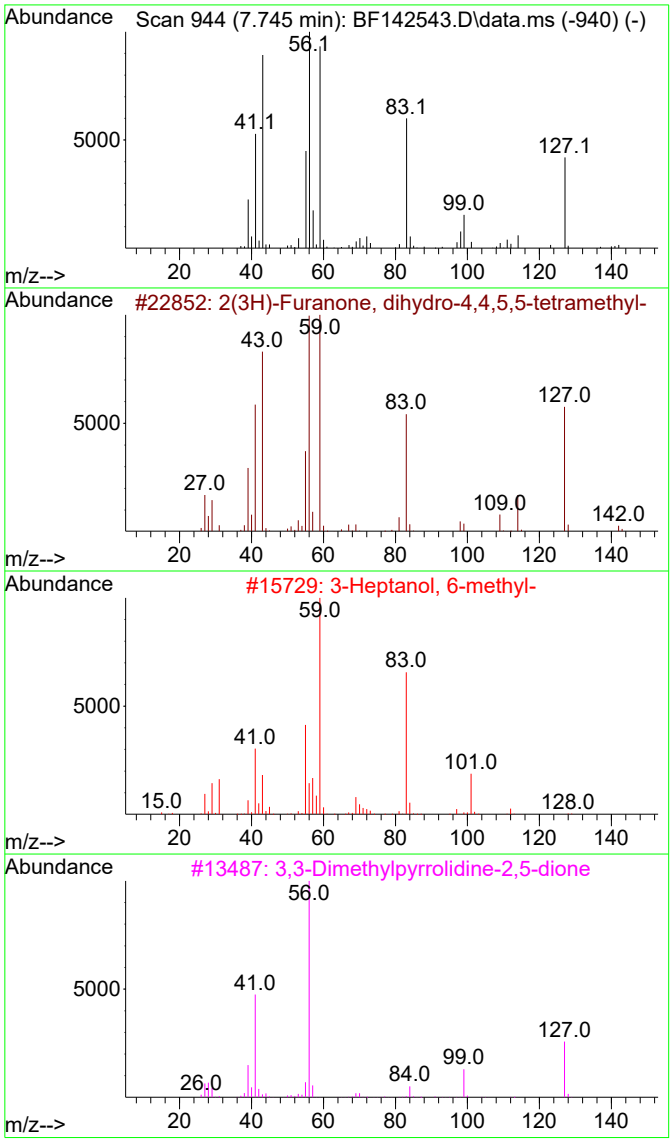
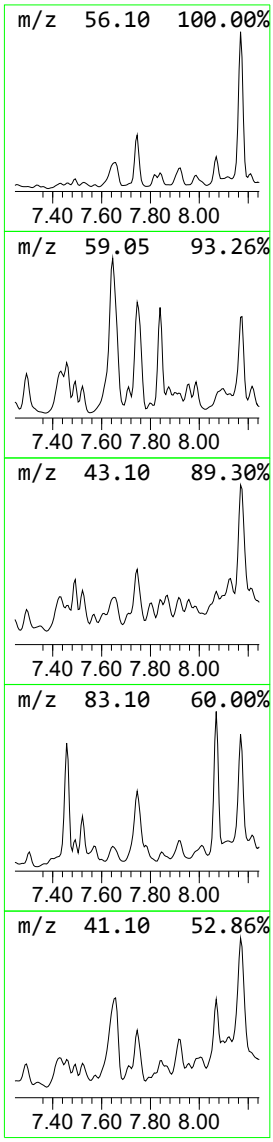
Peak Number 13 2(3H)-Furanone, dihydro-4,4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.745	3.91 ng	249830	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	78
2	3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	38
3	3,3-Dimethylpyrrolidine-2,5-dione	127	C6H9NO2	003437-29-4	38
4	2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	37
5	1H-1,2,4-Triazole-3-carboxaldehy...	111	C4H5N3O	056804-98-9	35





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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

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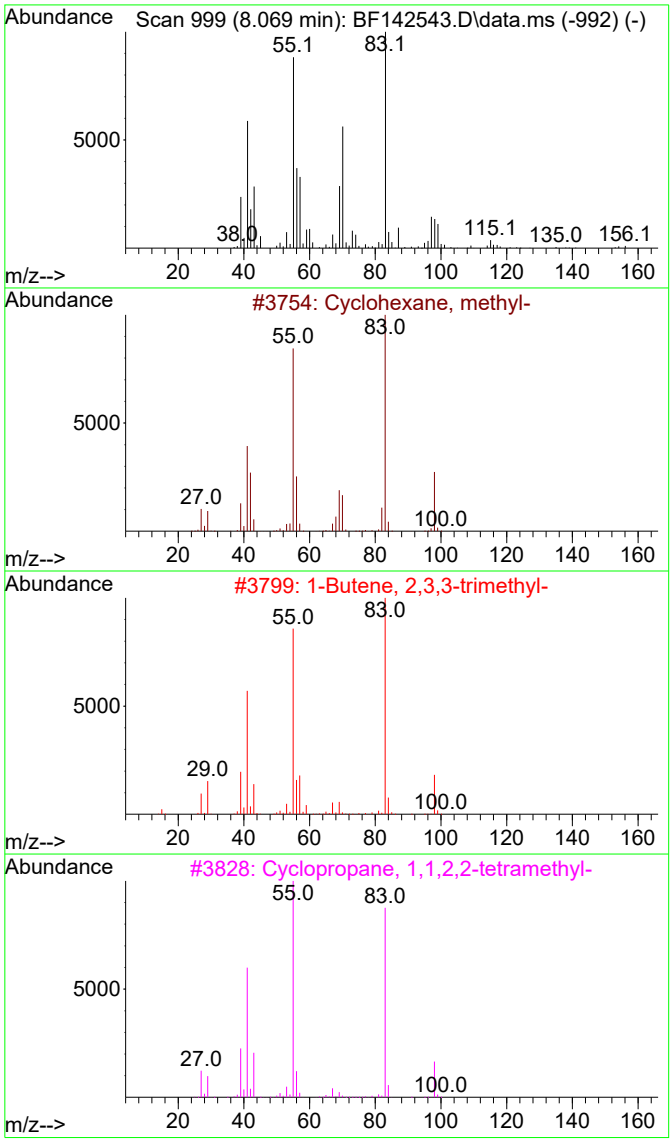
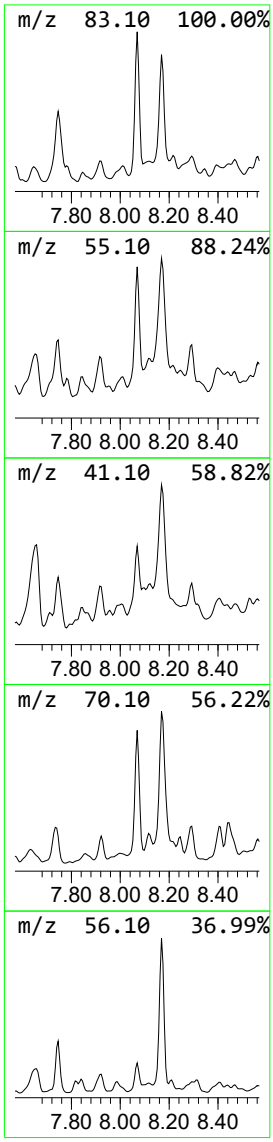
Peak Number 14 Cyclohexane, methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	5.22 ng	333253	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	58
2	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	49
3	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	49
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	46
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	43





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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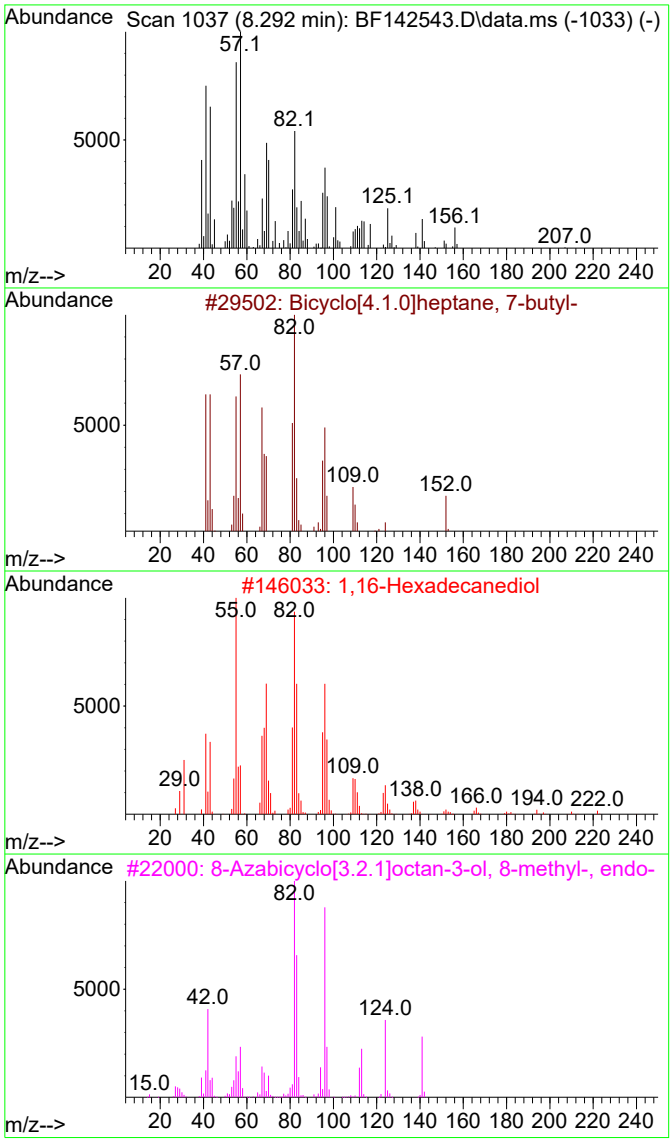
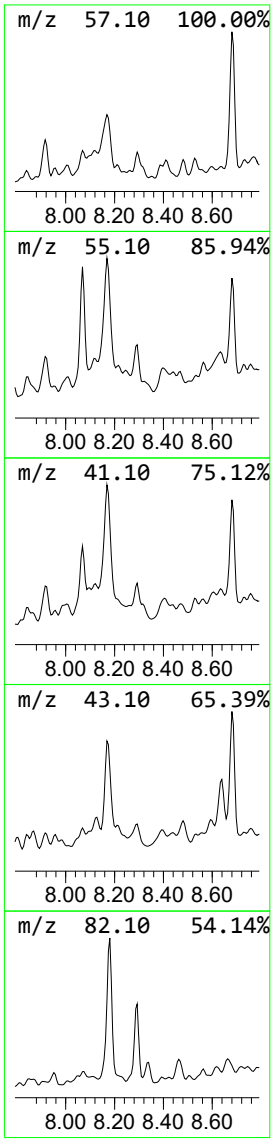
Peak Number 15 unknown8.292 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.292	3.83 ng	244463	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	41
2	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	35
3	8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	30
4	Dihydroterrein	156	C8H12O3	1350310-16-5	27
5	3-Cyclopentene-1-acetaldehyde, 2...	124	C7H8O2	051905-39-6	27





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Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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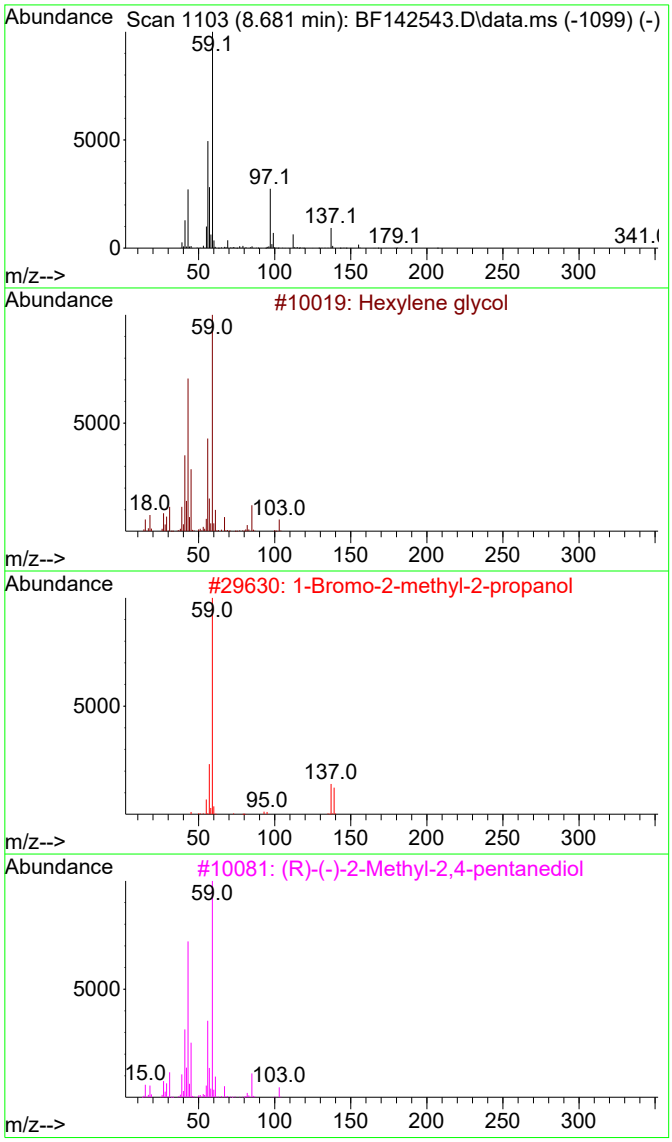
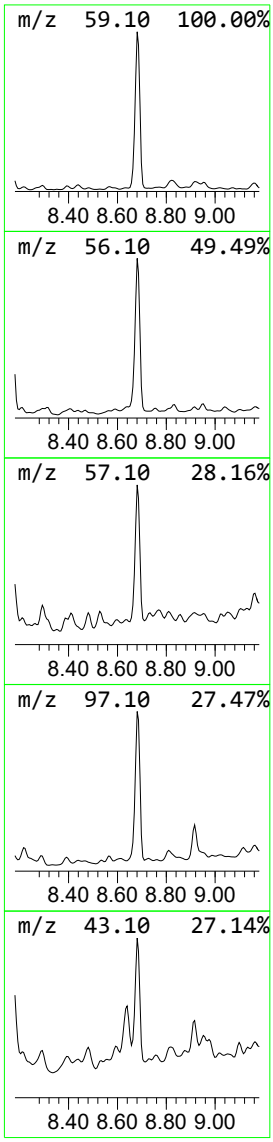
Peak Number 16 unknown8.681 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.681	13.37 ng	853637	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	42
2	1-Bromo-2-methyl-2-propanol	152	C4H9BrO	038254-49-8	37
3	(R)-(-)-2-Methyl-2,4-pentanediol	118	C6H14O2	099210-90-9	36
4	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	32
5	Hexanamide	115	C6H13NO	000628-02-4	9





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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

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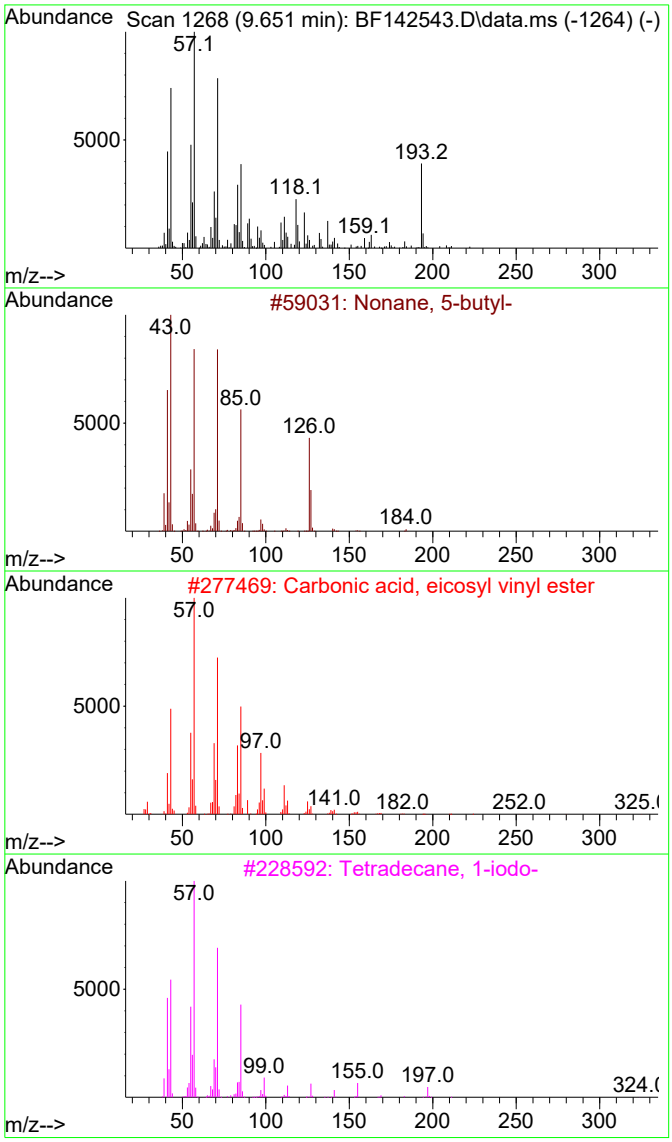
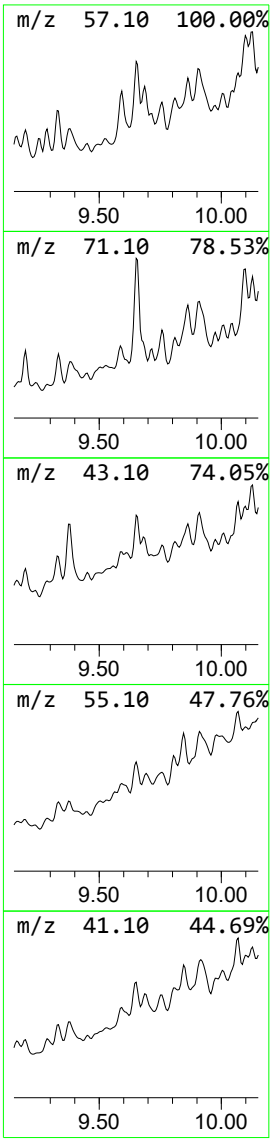
Peak Number 17 Nonane, 5-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	6.31 ng	319061	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	46
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
5	Tetradecane	198	C14H30	000629-59-4	43





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ALS Vial : 18 Sample Multiplier: 1

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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

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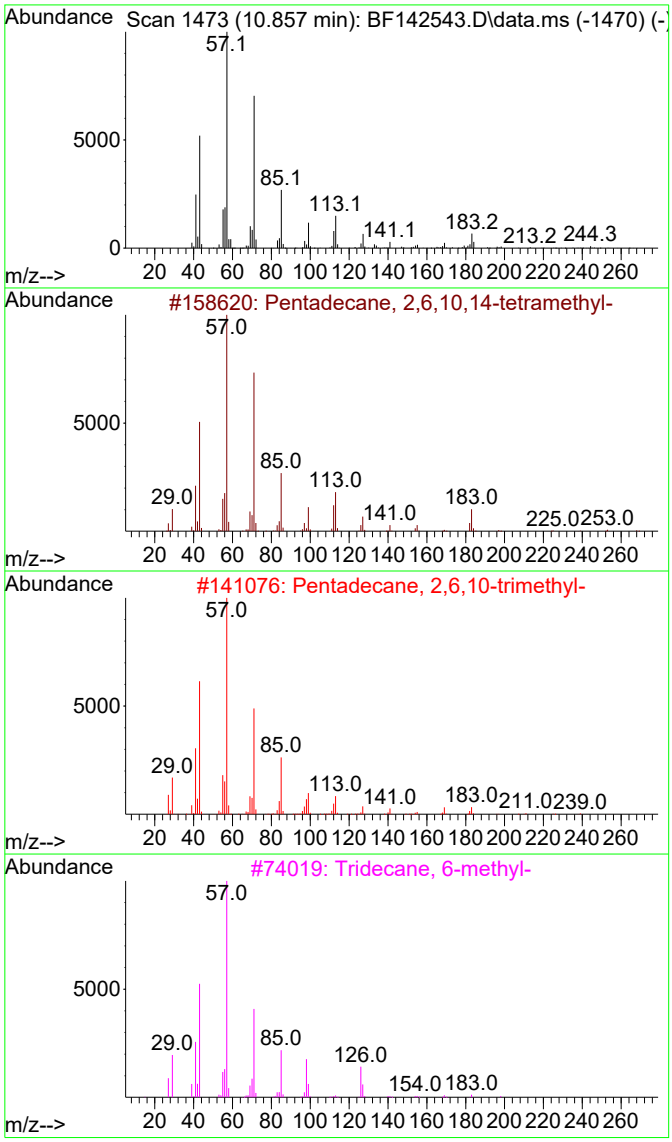
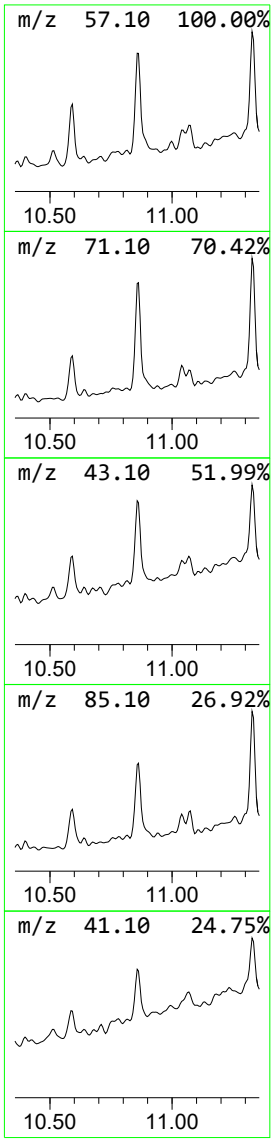
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	20.00 ng	1383130	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	95
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	68





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

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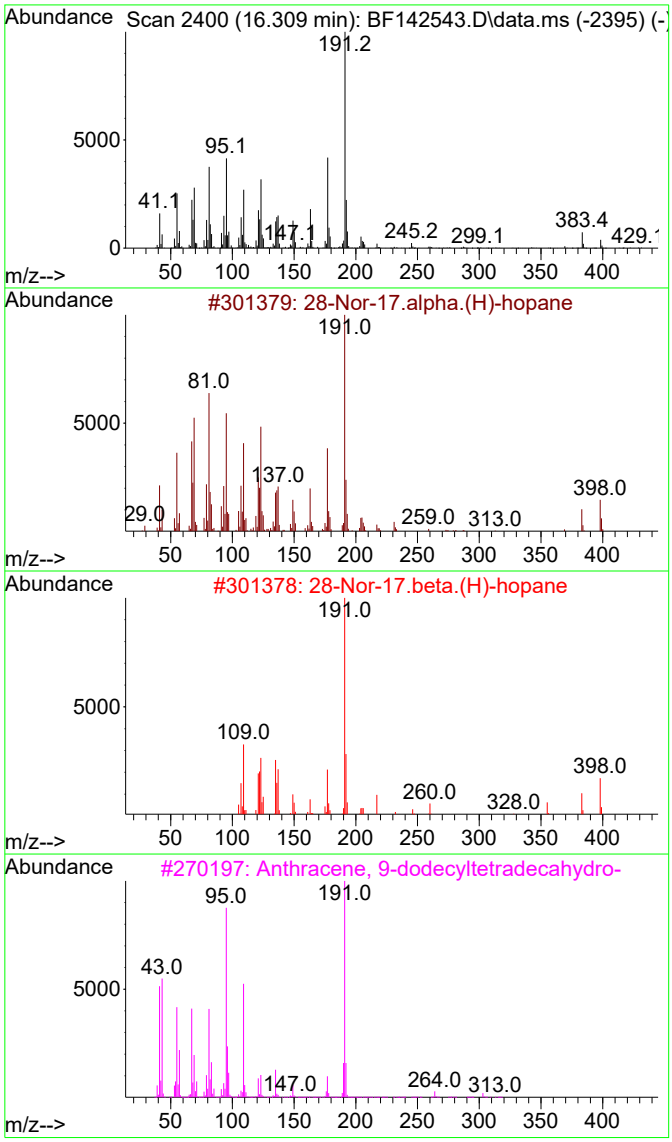
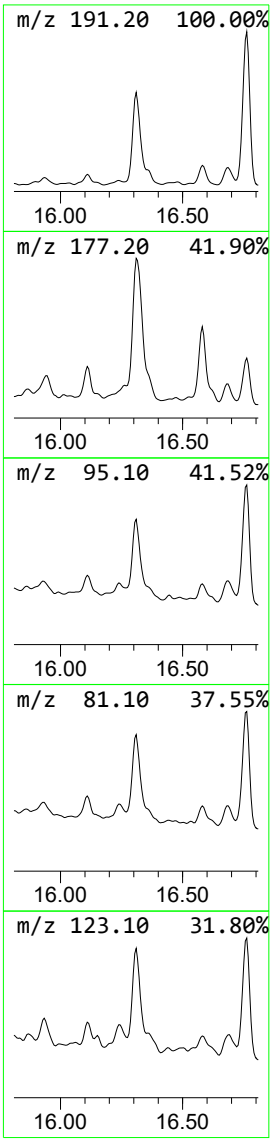
Peak Number 19 unknown16.310 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	20.00 ng	1885100	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	46
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	38
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
5	(7S,7aR,13aS)-9-Methoxy-4,4,7,7a...	344	C22H32O3	1000482-45-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

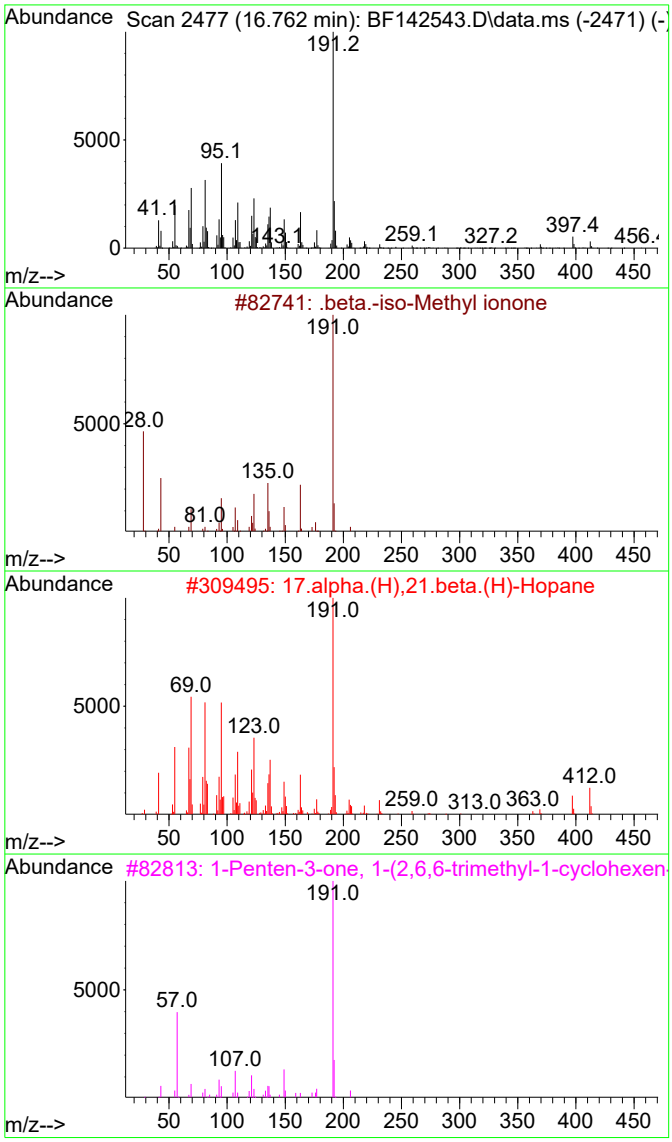
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

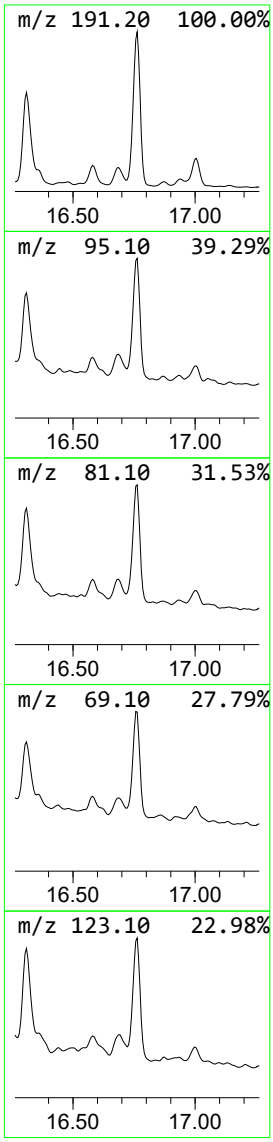
****

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.762	19.46 ng	1834050	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	17.alpha.(H),21.beta.(H)-Hopane	412	C30H52	013849-96-2	60
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	60
4	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	53
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142543.D
Acq On : 23 May 2025 18:58
Operator : RC/JU
Sample : Q2102-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0078

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
2-Hexanone, 3-h...	4.416	5.0	ng	158720	1	6.898	638294	20.0
4-Pentene-2-ol,...	4.545	11.3	ng	360098	1	6.898	638294	20.0
2-Pentanone, 4-...	5.104	5.8	ng	183352	1	6.898	638294	20.0
Acetic acid, cy...	5.381	12.4	ng	394812	1	6.898	638294	20.0
2,4-Dimethyl-2,...	6.410	12.7	ng	404733	1	6.898	638294	20.0
Butane, 1,3-dim...	6.704	5.7	ng	180187	1	6.898	638294	20.0
1H-Pyrazole, 4,...	6.975	160.4	ng	5118000	1	6.898	638294	20.0
unknown7.045	7.045	3.2	ng	102387	1	6.898	638294	20.0
unknown7.092	7.092	5.1	ng	162164	1	6.898	638294	20.0
Cyclopropane, 1...	7.134	3.0	ng	96140	1	6.898	638294	20.0
unknown7.522	7.522	3.4	ng	107344	1	6.898	638294	20.0
unknown7.651	7.651	9.8	ng	623412	2	8.181	1276620	20.0
2(3H)-Furanone,...	7.745	3.9	ng	249830	2	8.181	1276620	20.0
Cyclohexane, me...	8.069	5.2	ng	333253	2	8.181	1276620	20.0
unknown8.292	8.292	3.8	ng	244463	2	8.181	1276620	20.0
unknown8.681	8.681	13.4	ng	853637	2	8.181	1276620	20.0
Nonane, 5-butyl-	9.651	6.3	ng	319061	3	9.939	1011900	20.0
Pentadecane, 2,...	10.857	20.0	ng	1383130	4	11.433	1383130	20.0
unknown16.310	16.310	20.0	ng	1885100	6	15.586	1885100	20.0
.beta.-iso-Meth...	16.762	19.5	ng	1834050	6	15.586	1885100	20.0