LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-18A-081925

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143554.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.275	4	14	21	rBV	2309896	3897036	96.21%	12.030%
2	4.063	312	318	325	rBV	33560	52644	1.30%	0.163%
3	5.157	494	504	511	rBV2	96982	168352	4.16%	0.520%
4	5.275	511	524	535	rBV3	54116	181969	4.49%	0.562%
5	5.428	545	550	556	rVB	80109	105449	2.60%	0.326%
6	5.563	563	573	588	rBV	1080003	1540014	38.02%	4.754%
7	5.786	606	611	615	rBV2	105777	145988	3.60%	0.451%
8	6.457	717	725	727	rBV	46123	63415	1.57%	0.196%
9	6.486	727	730	733	rVV	37426	44285	1.09%	0.137%
10	6.557	733	742	749	rVV2	690264	1089913	26.91%	3.364%
11	6.616	749	752	760	rVB2	42307	79173	1.95%	0.244%
12	6.751	769	775	780	rBV2	251754	349398	8.63%	1.079%
13	6.922	800	804	810	rBV	473621	615249	15.19%	1.899%
14	6.986	810	815	819	rBV2	101560	150912	3.73%	0.466%
15	7.104	831	835	840	rVB	122643	150330	3.71%	0.464%
16	7.186	844	849	855	rBV	154013	204700	5.05%	0.632%
17	7.333	868	874	881	rBV6	40328	95536	2.36%	0.295%
18	7.486	891	900	904	rBV	1385360	1987232	49.06%	6.134%
19	7.522	904	906	911	rVB	124305	132681	3.28%	0.410%
20	7.610	916	921	928	rVV3	99530	186562	4.61%	0.576%
21	7.875	961	966	971	rBV2	41958	69802	1.72%	0.215%
22	7.951	972	979	983	rBV2	433533	618969	15.28%	1.911%
23	7.998	983	987	992	rVB5	39228	85658	2.11%	0.264%
24	8.139	1005	1011	1014	rBV3	54513	115986	2.86%	0.358%
25	8.233	1018	1027	1031	rVV2	2462688	4050612	100.00%	12.504%
26	8.280	1031	1035	1039	rVB	97502	126882	3.13%	0.392%
27	8.422	1054	1059	1065	rBV7	23702	47662	1.18%	0.147%
28	8.480	1065	1069	1076	rBV2	38053	60068	1.48%	0.185%
29	8.569	1077	1084	1085	rBV3	51951	83444	2.06%	0.258%
30	8.645	1092	1097	1099	rBV4	35352	60979	1.51%	0.188%
31	8.922	1138	1144	1149	rVB	299971	408323	10.08%	1.260%
32	9.016	1156	1160	1164	rBV	363896	463741	11.45%	1.432%
33	9.192	1186	1190	1196	rVV7	26705	51098	1.26%	0.158%
34	9.280	1199	1205	1210	rVB	2430010	3112752	76.85%	9.609%
35	9.380	1218	1222	1227	rBV2	48746	89511	2.21%	0.276%
36	9.545	1246	1250	1255	rBV2	43736	70108	1.73%	0.216%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.621	1259	1263	1272	rVB2	80110	159153	3.93%	0.491%
38	9.963	1316	1321	1324	rBV	630252	799107	19.73%	2.467%
39	9.992	1324	1326	1330	rVV	146232	170801	4.22%	0.527%
40	10.027	1330	1332	1337	rVB	43550	54610	1.35%	0.169%
41	10.168	1352	1356	1360	rBV	71335	94631	2.34%	0.292%
42	10.510	1410	1414	1418	rBV	90562	111727	2.76%	0.345%
43	10.674	1438	1442	1445	rBV	59080	75295	1.86%	0.232%
44	10.751	1450	1455	1461	rVV	1185283	1542805	38.09%	4.763%
45	11.045	1502	1505	1508	rBV2	34914	41201	1.02%	0.127%
46	11.451	1569	1574	1582	rBV2	476269	716868	17.70%	2.213%
47	11.680	1609	1613	1620	rBV	115443	155460	3.84%	0.480%
48	11.980	1660	1664	1674	rBV5	113063	184120	4.55%	0.568%
49	12.686	1781	1784	1793	rVB	91941	140652	3.47%	0.434%
50	12.921	1820	1824	1836	rVB	244247	355287	8.77%	1.097%
51	13.033	1838	1843	1848	rBV	1717741	2199031	54.29%	6.788%
52	13.274	1880	1884	1886	rBV	77741	114934	2.84%	0.355%
53	13.462	1913	1916	1921	rBV4	55529	69495	1.72%	0.215%
54	13.539	1925	1929	1933	rBV2	74554	106552	2.63%	0.329%
55	13.586	1934	1937	1946	rBV2	108772	183766	4.54%	0.567%
56	13.780	1965	1970	1972	rBV2	221200	345372	8.53%	1.066%
57	13.904	1985	1991	2011	rVB	1373758	2451112	60.51%	7.566%
58	14.098	2019	2024	2030	rVB	407476	566584	13.99%	1.749%
59	14.162	2031	2035	2043	rBV	237735	393883	9.72%	1.216%
60	15.592	2273	2278	2290	rVB	366148	605837	14.96%	1.870%

Sum of corrected areas: 32394716

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
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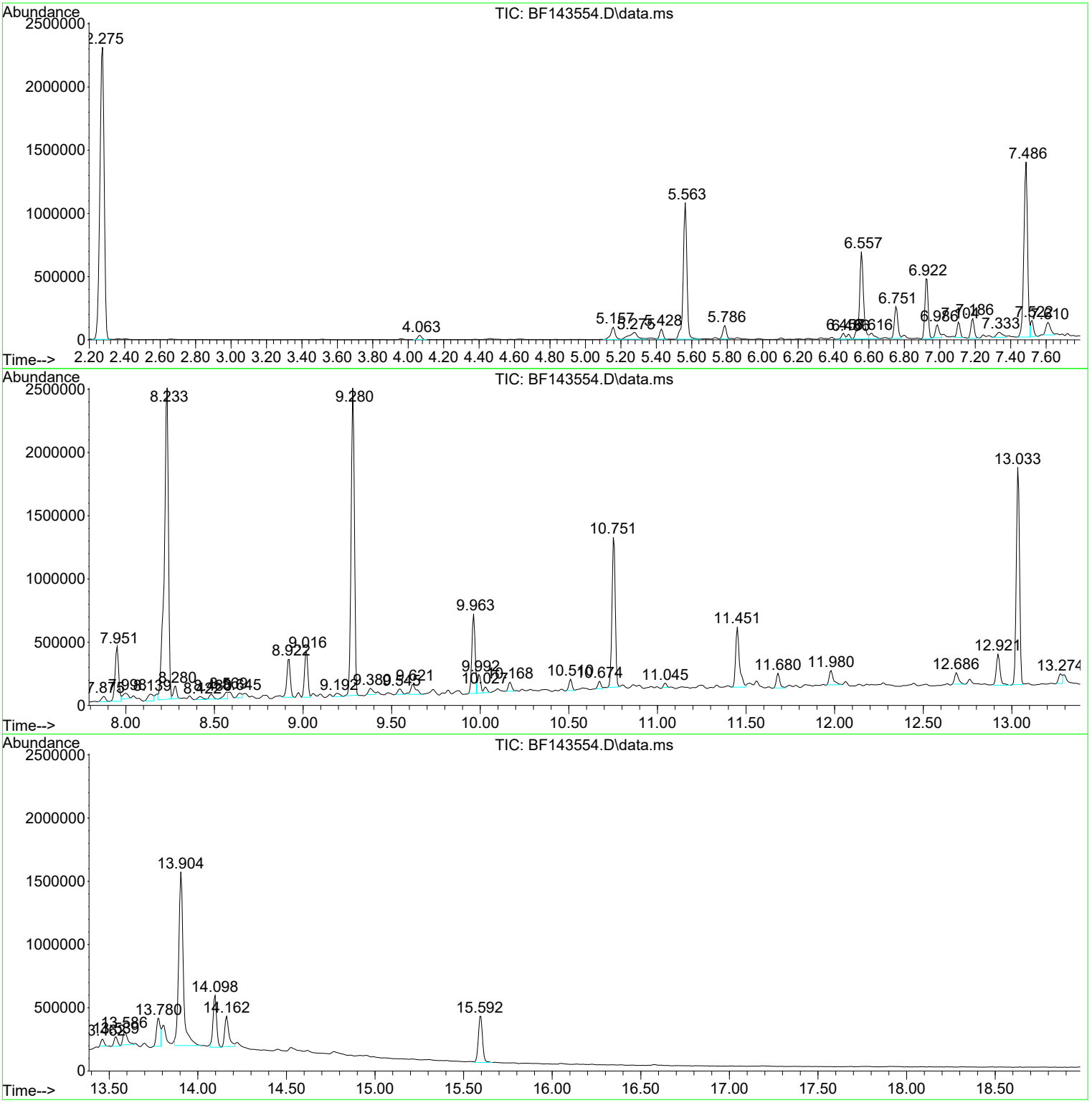
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
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Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

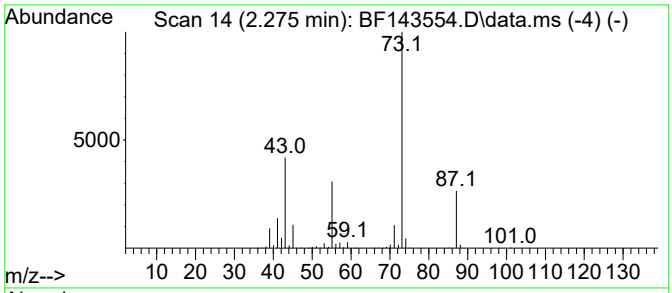
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

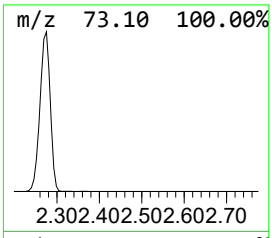
****

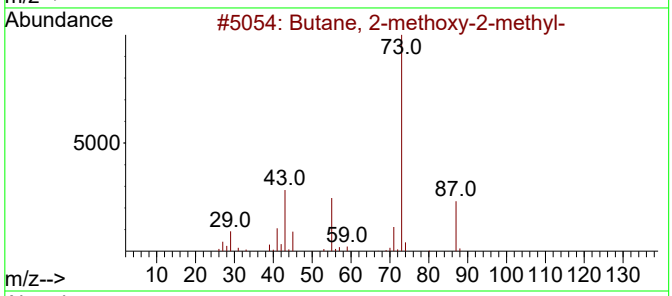
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

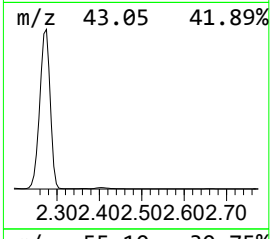
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.275	126.68 ng	3897040	1,4-Dichlorobenzene-d4	6.928

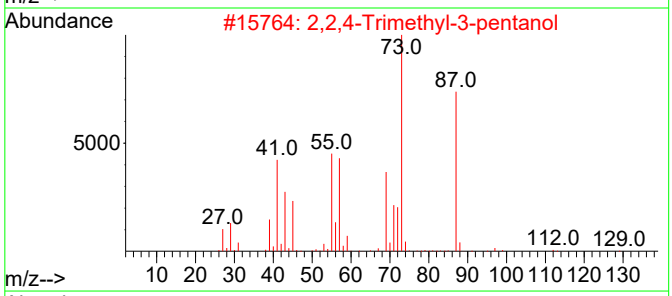
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17

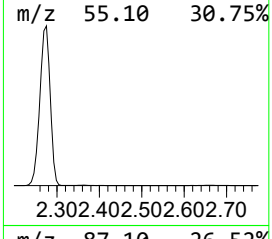


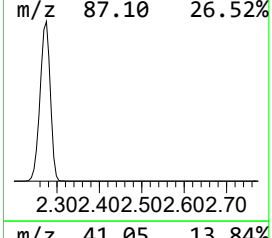


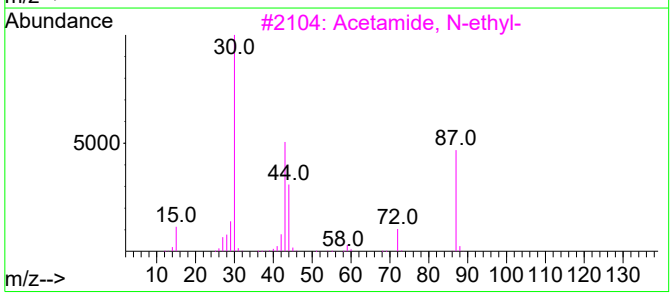


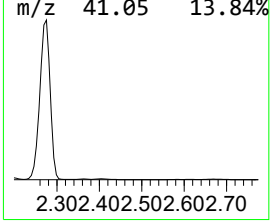












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

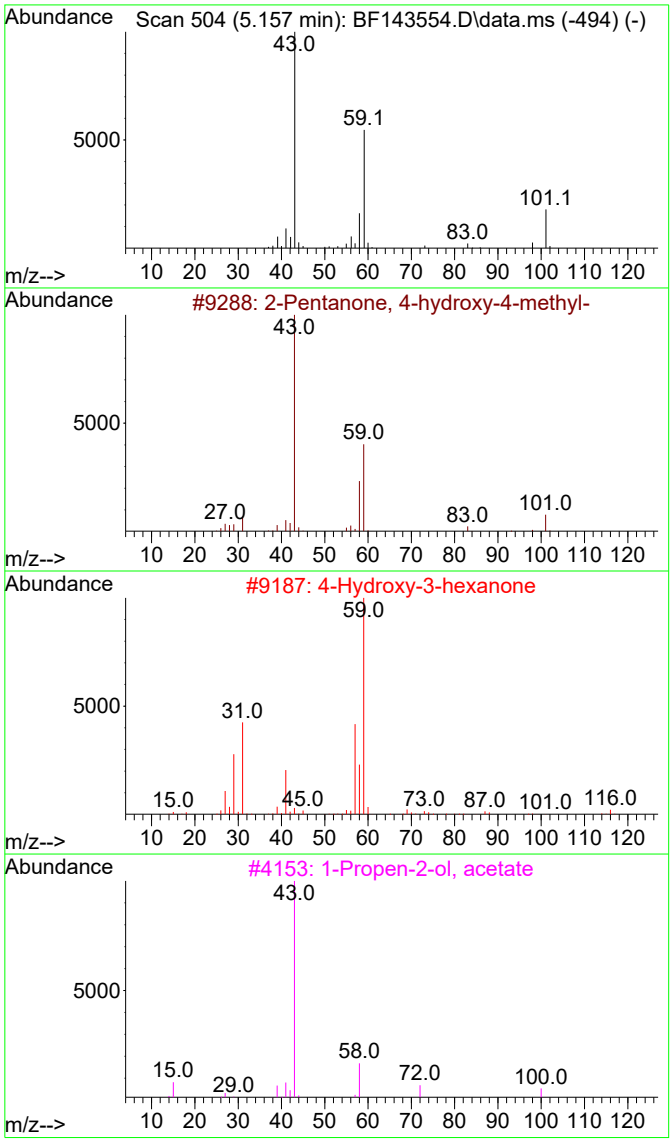
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

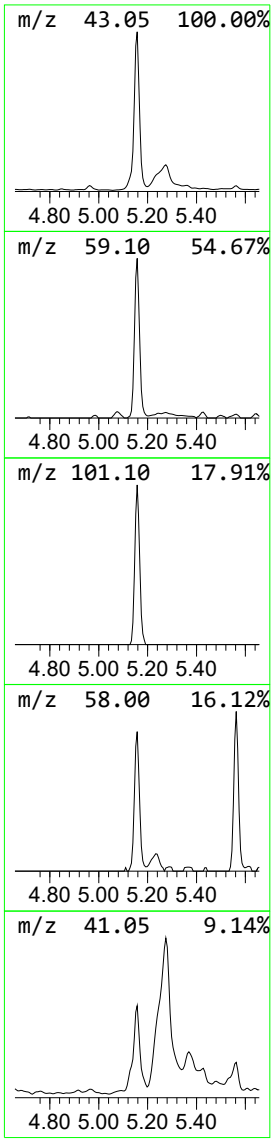
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	5.47 ng	168352	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	45
2	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	Acetone	58	C3H6O	000067-64-1	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

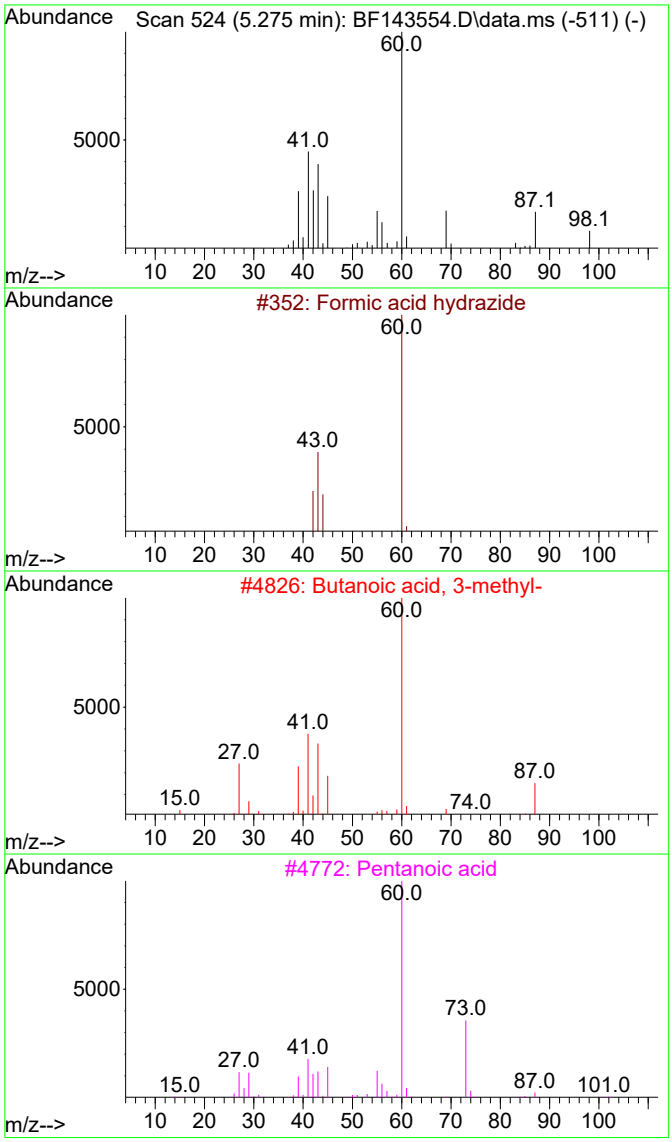
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

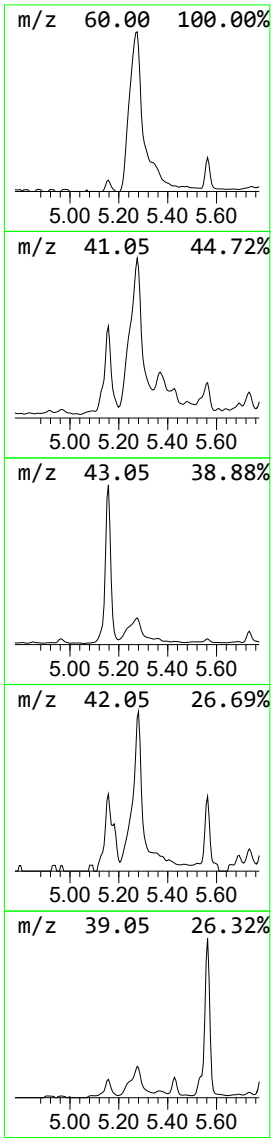
****

Peak Number 3 unknown5.275 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.275	5.92 ng	181969	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid hydrazide	60	CH4N2O	000624-84-0	47
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	45
3	Pentanoic acid	102	C5H10O2	000109-52-4	45
4	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	40
5	Hexanoic acid	116	C6H12O2	000142-62-1	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

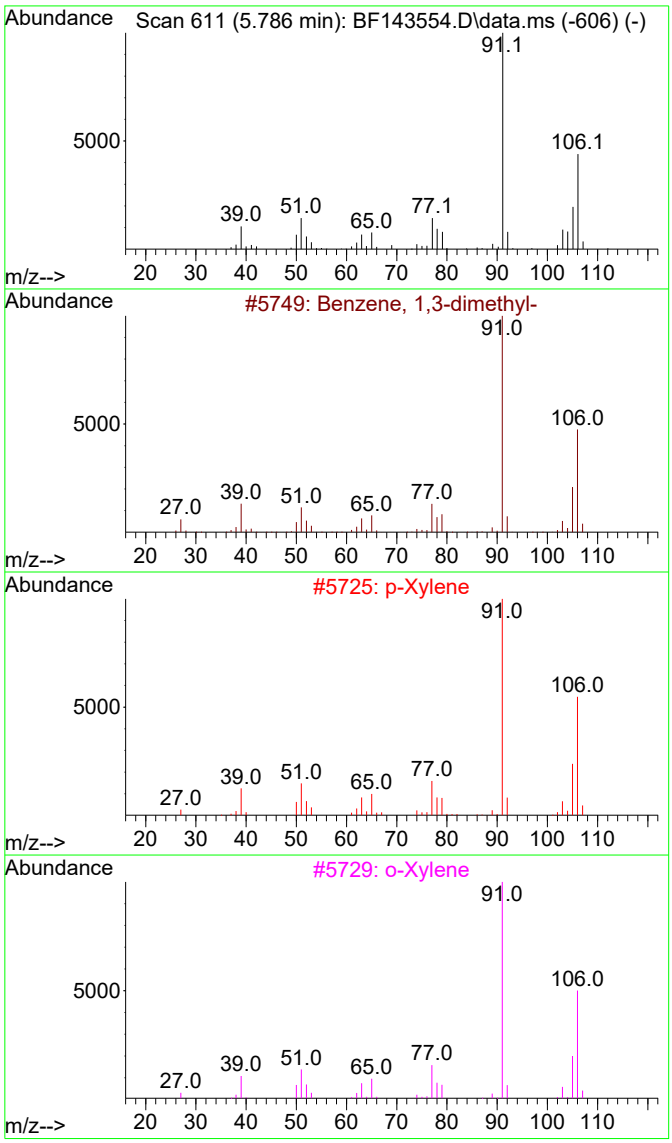
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

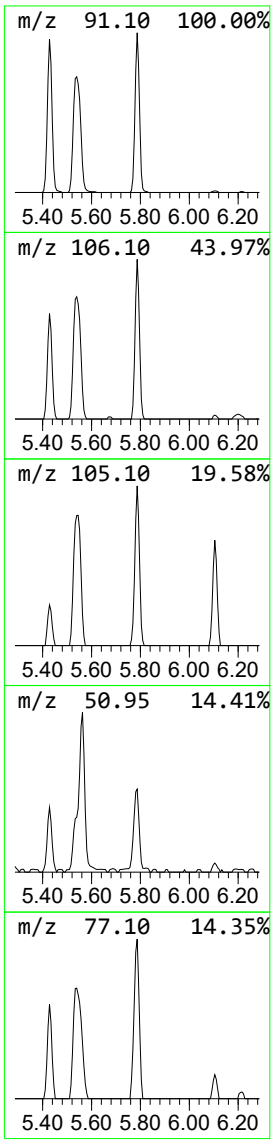
****

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.786	4.75 ng	145988	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

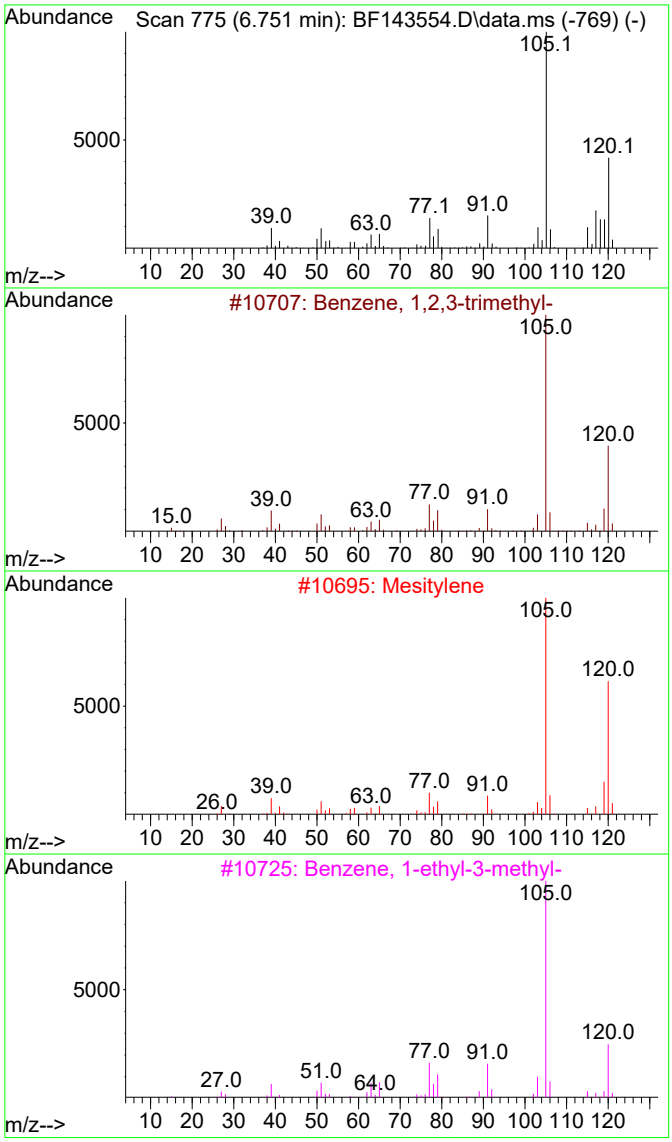
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

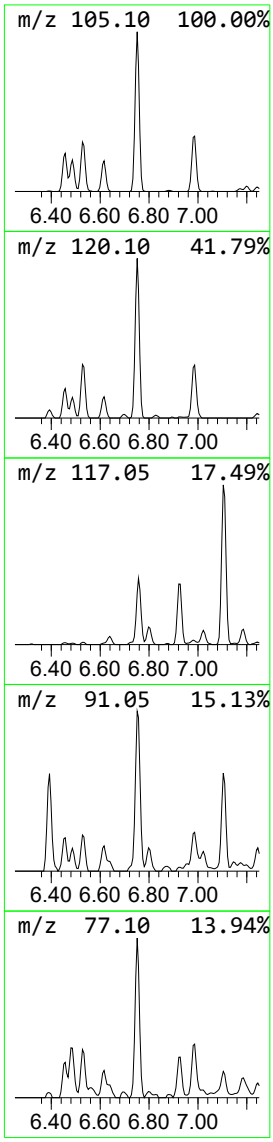
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.751	11.36 ng	349398	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	92
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

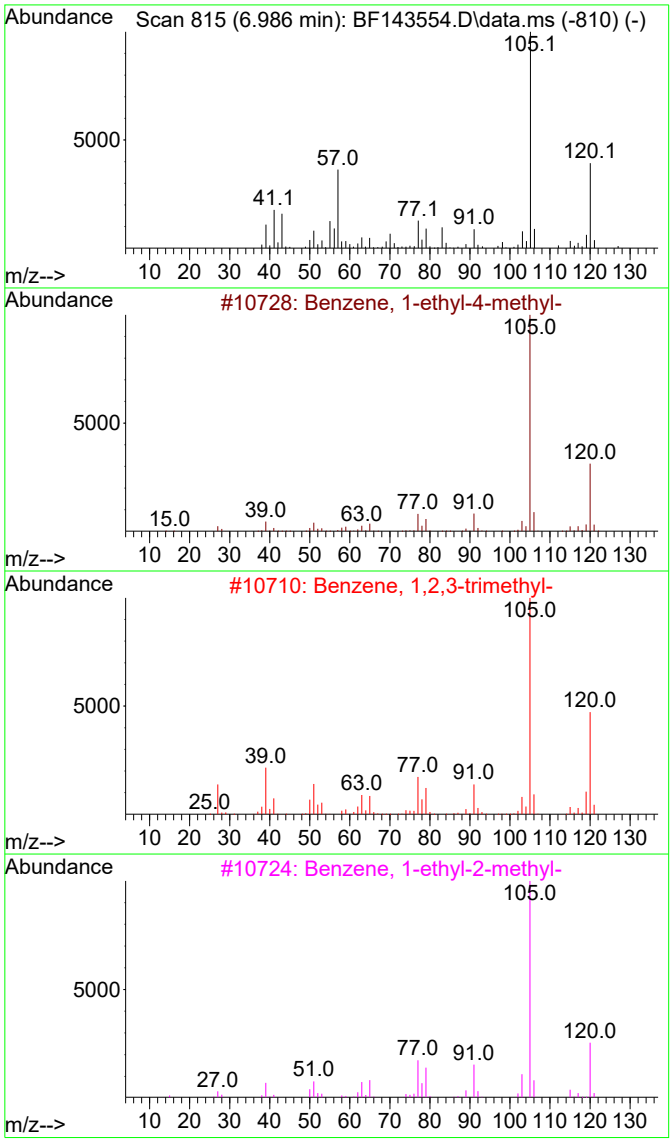
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

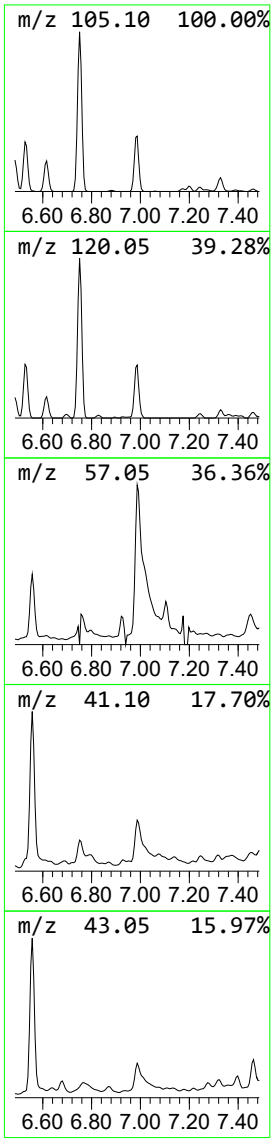
****

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.986	4.91 ng	150912	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

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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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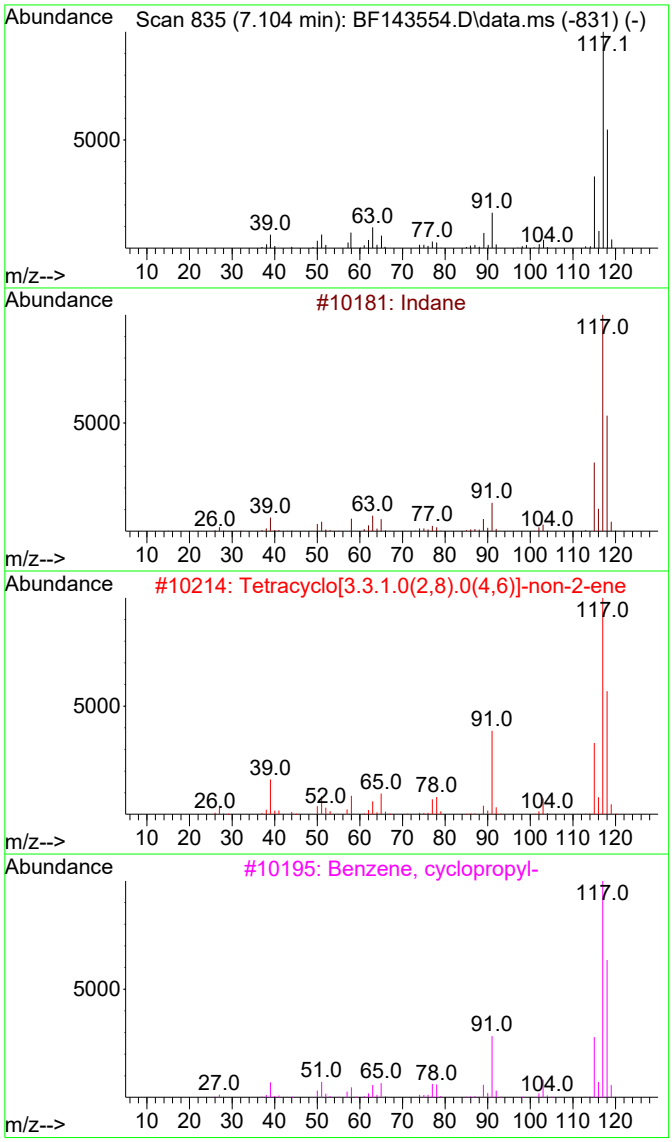
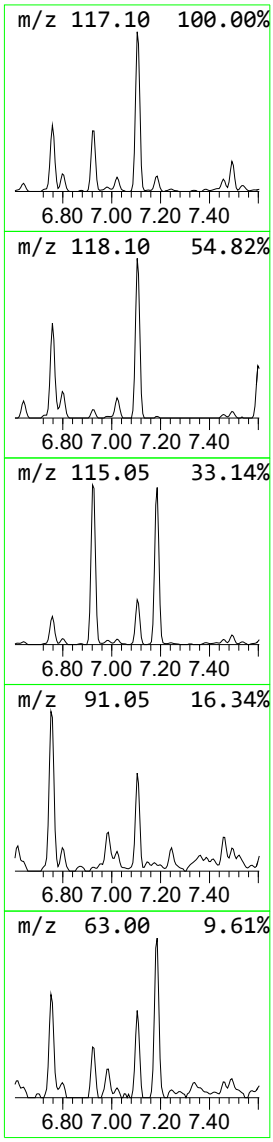
Peak Number 8 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	4.89 ng	150330	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53





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Sample : Q2903-11
Misc :
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Instrument :
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ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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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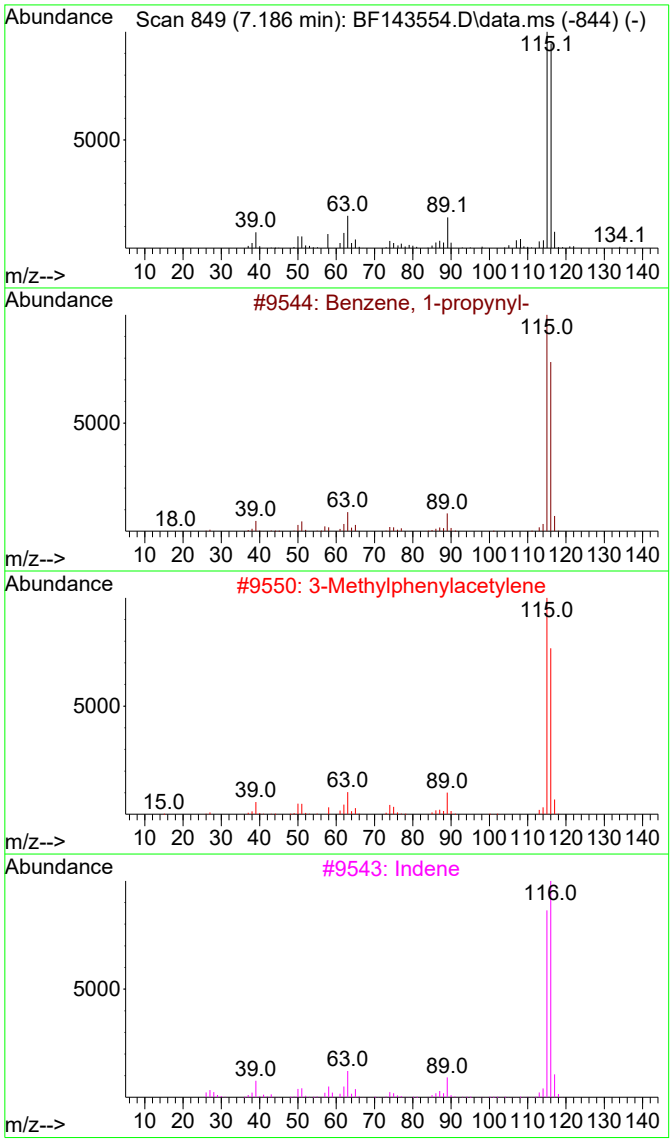
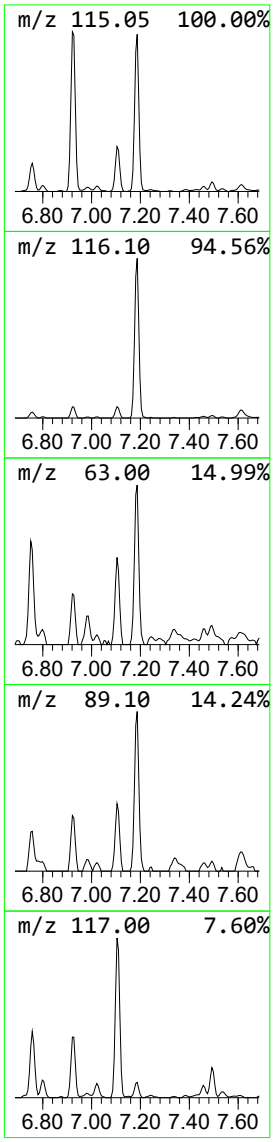
Peak Number 9 Benzene, 1-propynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.186	6.65 ng	204700	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
3	Indene	116	C9H8	000095-13-6	93
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





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Sample : Q2903-11
Misc :
ALS Vial : 35 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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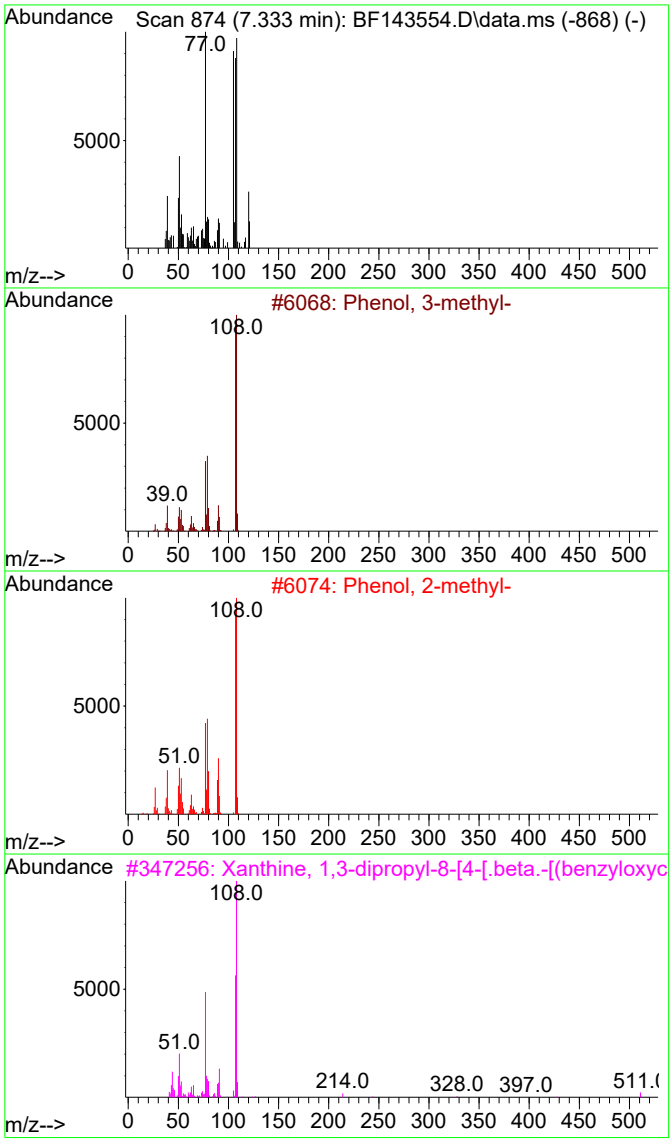
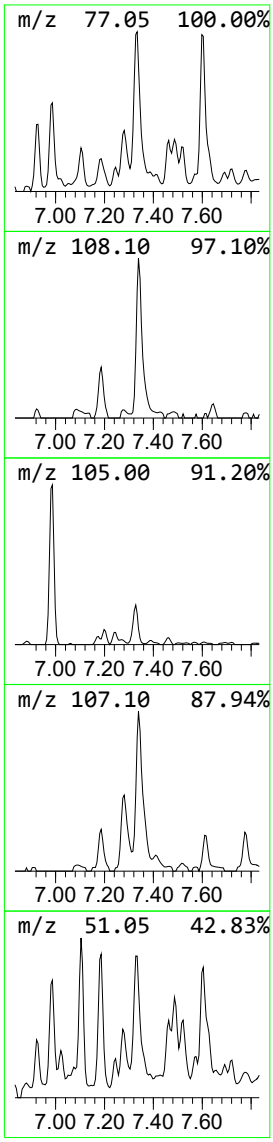
Peak Number 10 Phenol, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.333	3.11 ng	95536	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-	108	C7H8O	000108-39-4	58
2	Phenol, 2-methyl-	108	C7H8O	000095-48-7	53
3	Xanthine, 1,3-dipropyl-8-[4-[.be...	619	C31H37N7O7	102255-67-4	47
4	p-Cresol	108	C7H8O	000106-44-5	46
5	Acetophenone	120	C8H8O	000098-86-2	41





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Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
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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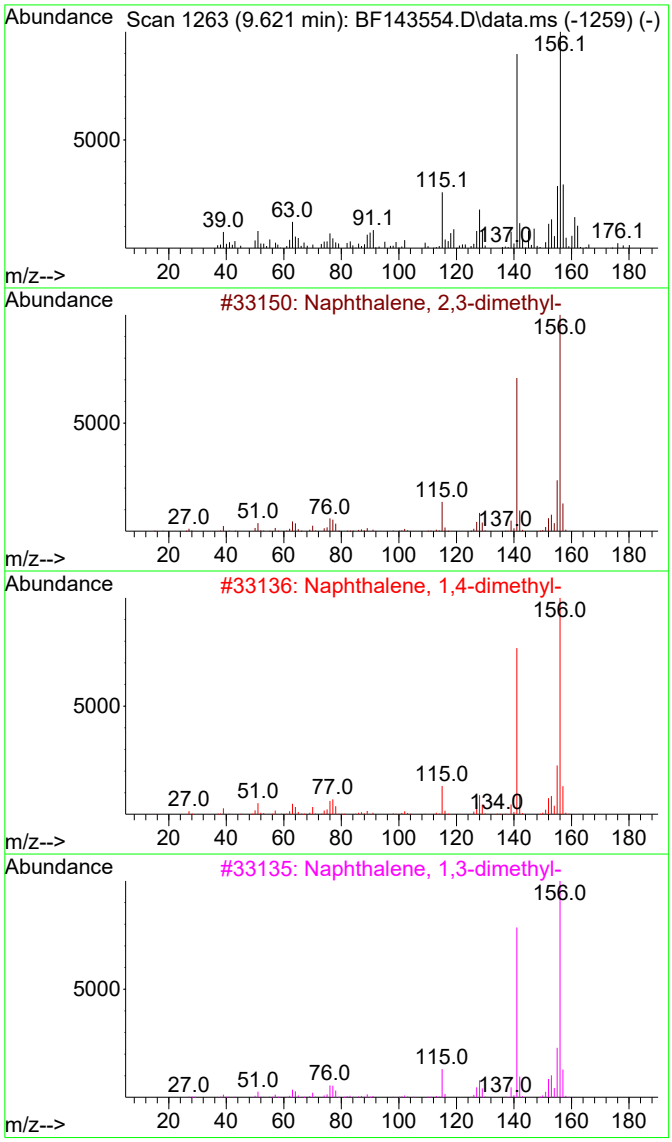
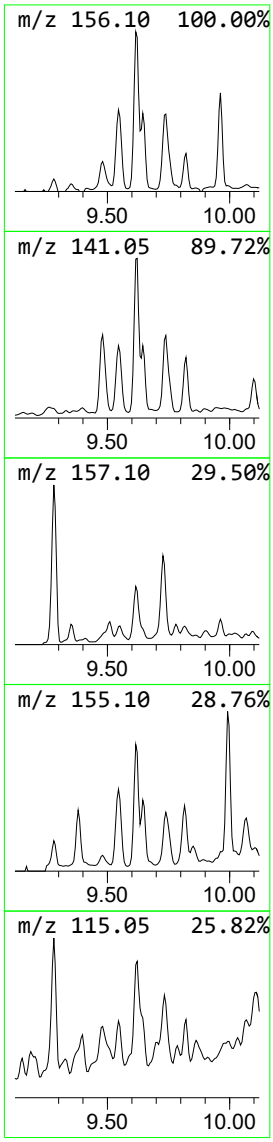
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.621	3.98 ng	159153	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Misc :
ALS Vial : 35 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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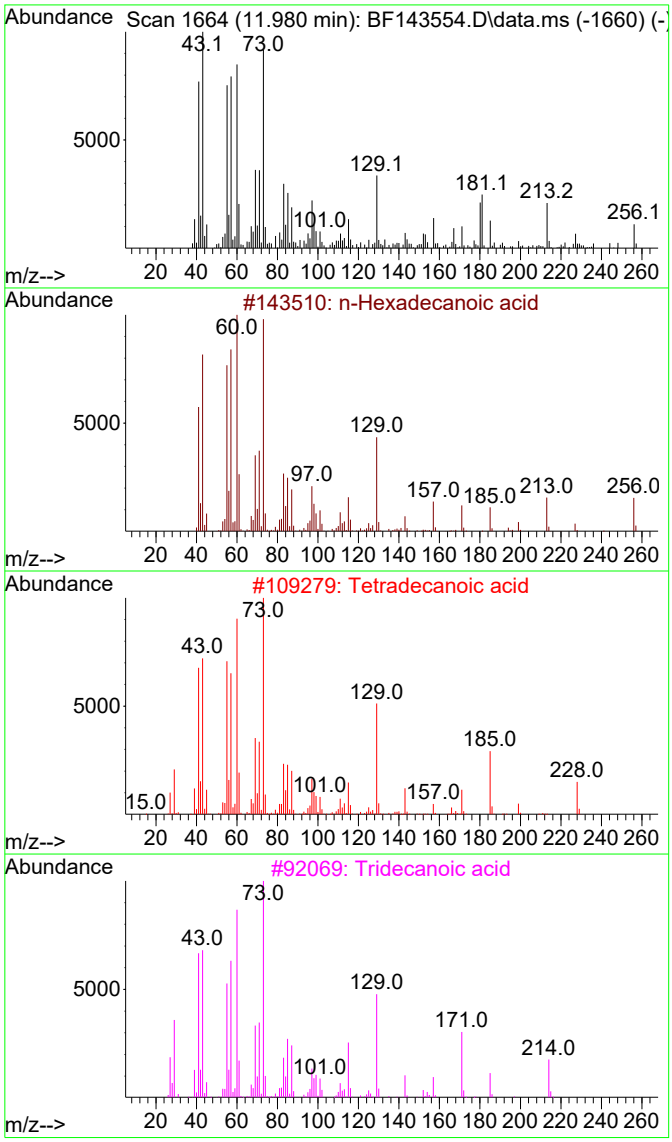
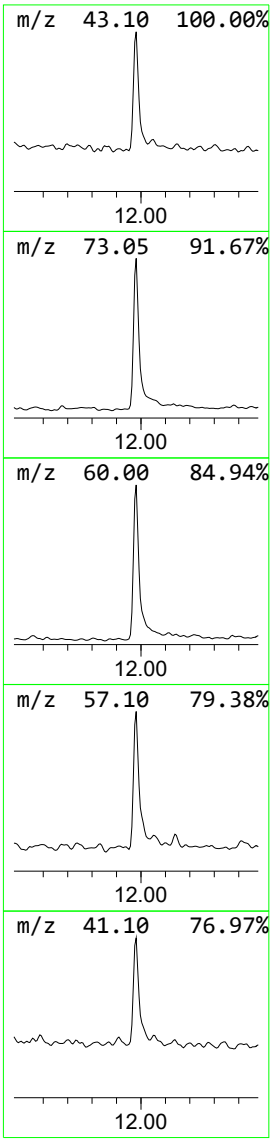
Peak Number 12 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	5.14 ng	184120	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 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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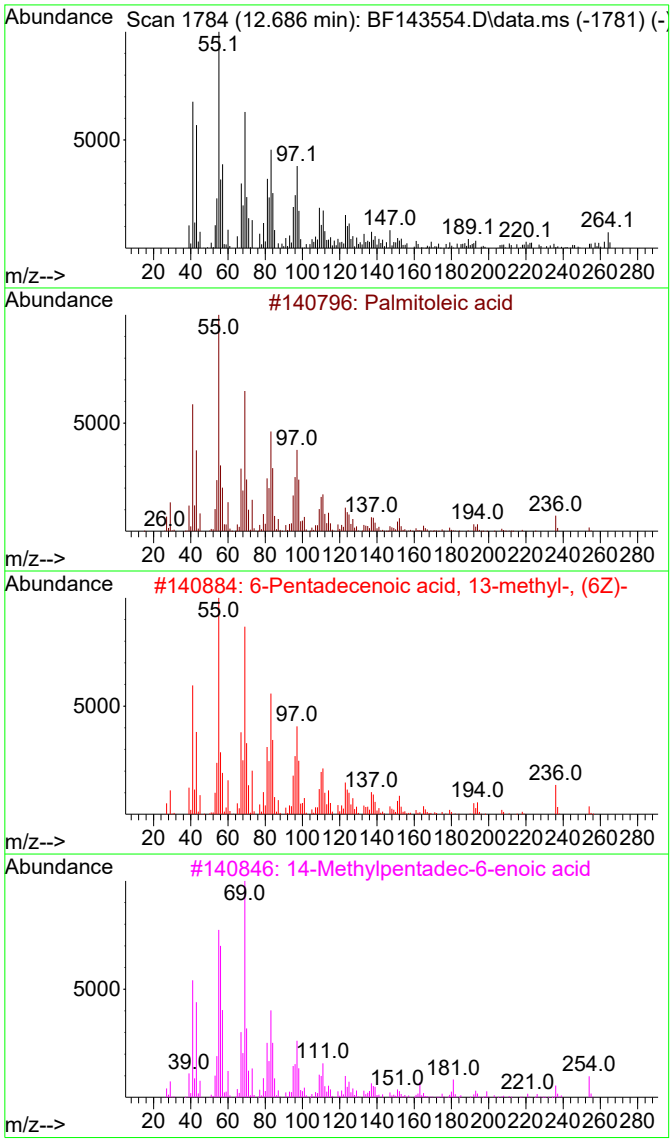
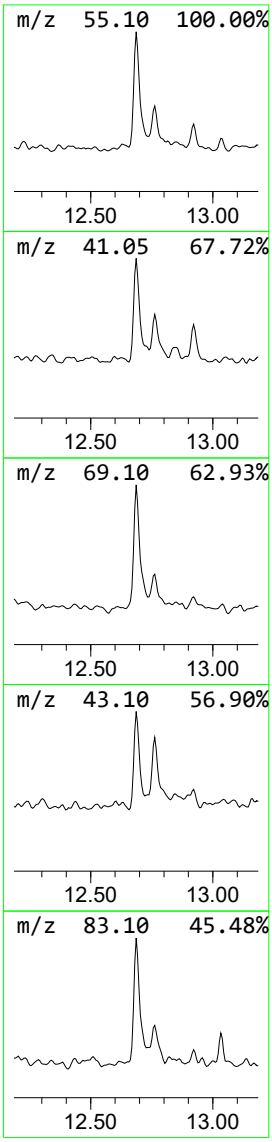
Peak Number 13 Palmitoleic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	3.92 ng	140652	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	94
2	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	91
3	14-Methylpentadec-6-enoic acid	254	C16H30O2	127486-79-7	86
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	76
5	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	70





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Operator : RC/JU
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Misc :
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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

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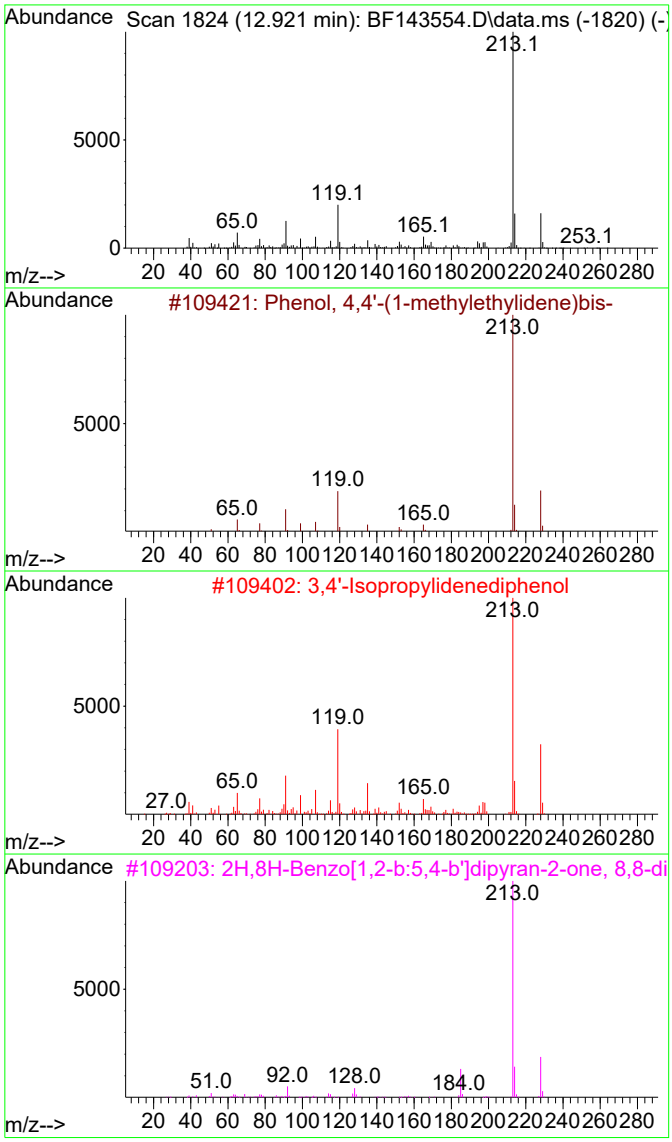
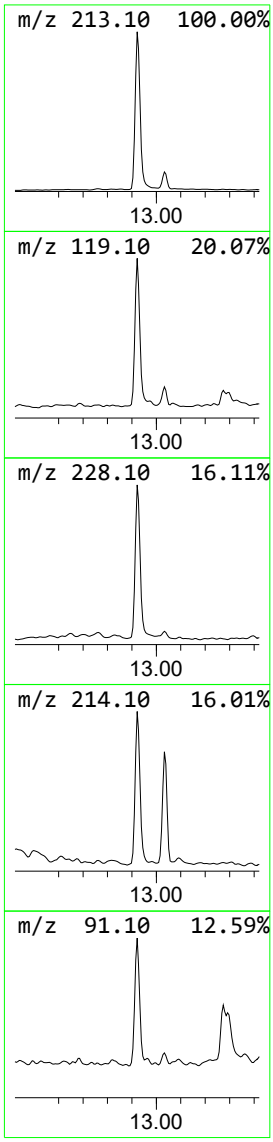
Peak Number 14 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	12.54 ng	355287	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	3,4'-Isopropylidenediphenol	228	C15H16O2	046765-25-7	60
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58
4	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	56
5	Diphenolic acid	286	C17H18O4	000126-00-1	56





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Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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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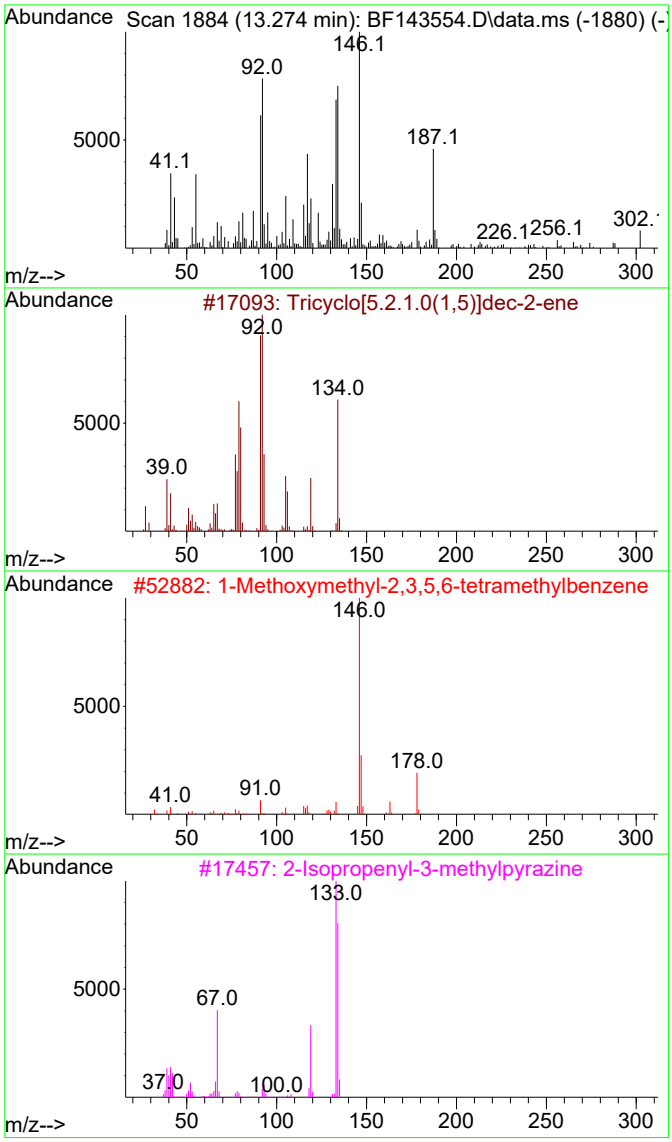
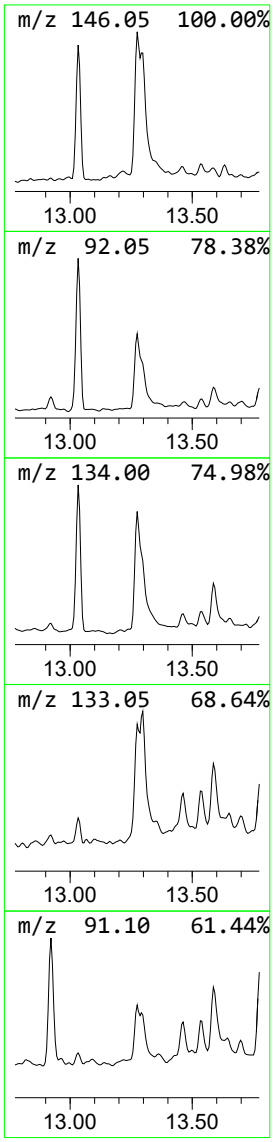
Peak Number 15 unknown13.274 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	4.06 ng	114934	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.2.1.0(1,5)]dec-2-ene	134	C10H14	1000185-95-6	30
2	1-Methoxymethyl-2,3,5,6-tetramet...	178	C12H18O	018922-11-7	30
3	2-Isopropenyl-3-methylpyrazine	134	C8H10N2	145984-65-2	25
4	4-Methylanthranilic acid, N-meth...	208	C10H12N2O3	1000195-55-6	20
5	Bicyclopentyl-1,1'-diene	134	C10H14	000934-02-1	18





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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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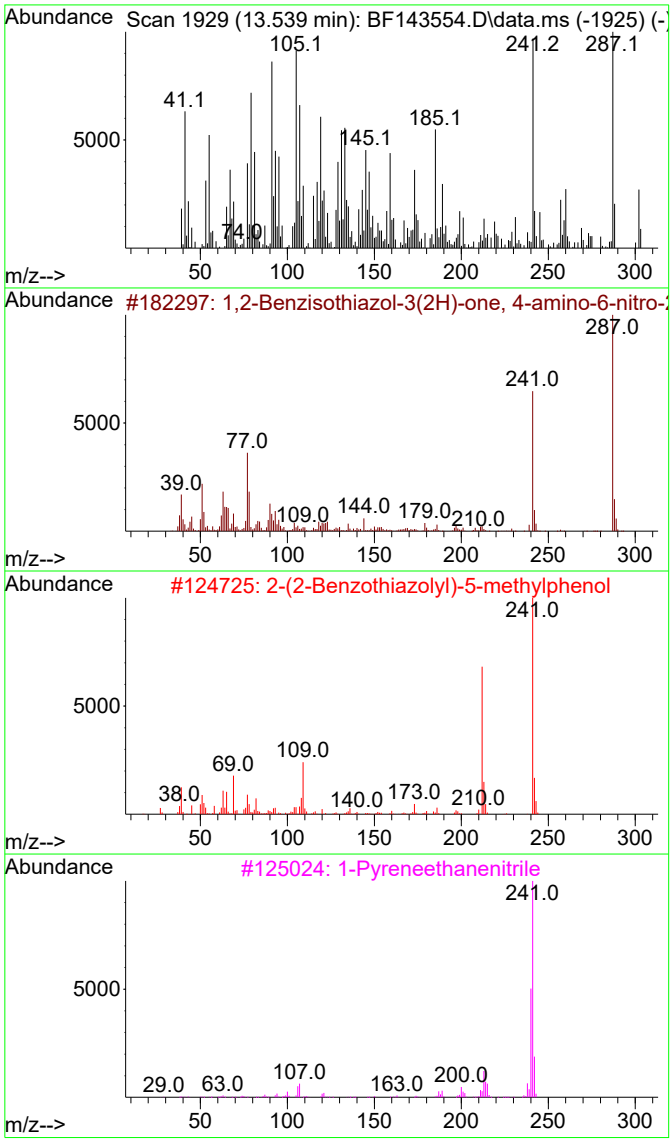
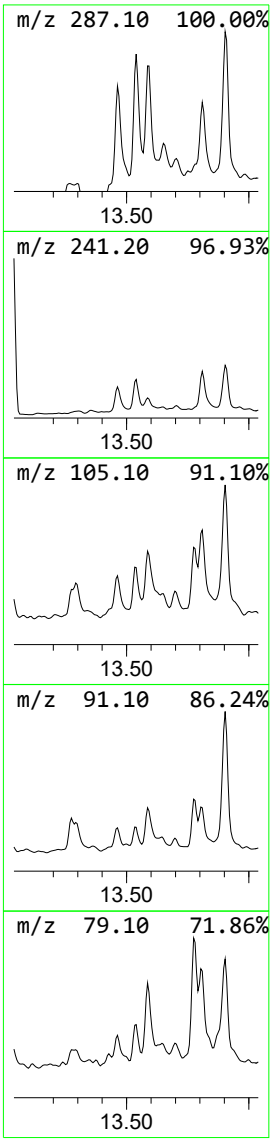
Peak Number 16 unknown13.539 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.539	3.76 ng	106552	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisothiazol-3(2H)-one, 4-...	287	C13H9N3O3S	1000277-42-1	42
2	2-(2-Benzothiazolyl)-5-methylphenol	241	C14H11NOS	056048-54-5	25
3	1-Pyreneethanenitrile	241	C18H11N	064764-29-0	25
4	Silane, trimethyl([1,1':3',1''-t...	302	C21H22Si	128388-53-4	20
5	8-Deoxylactucin	260	C15H16O4	065725-10-2	18





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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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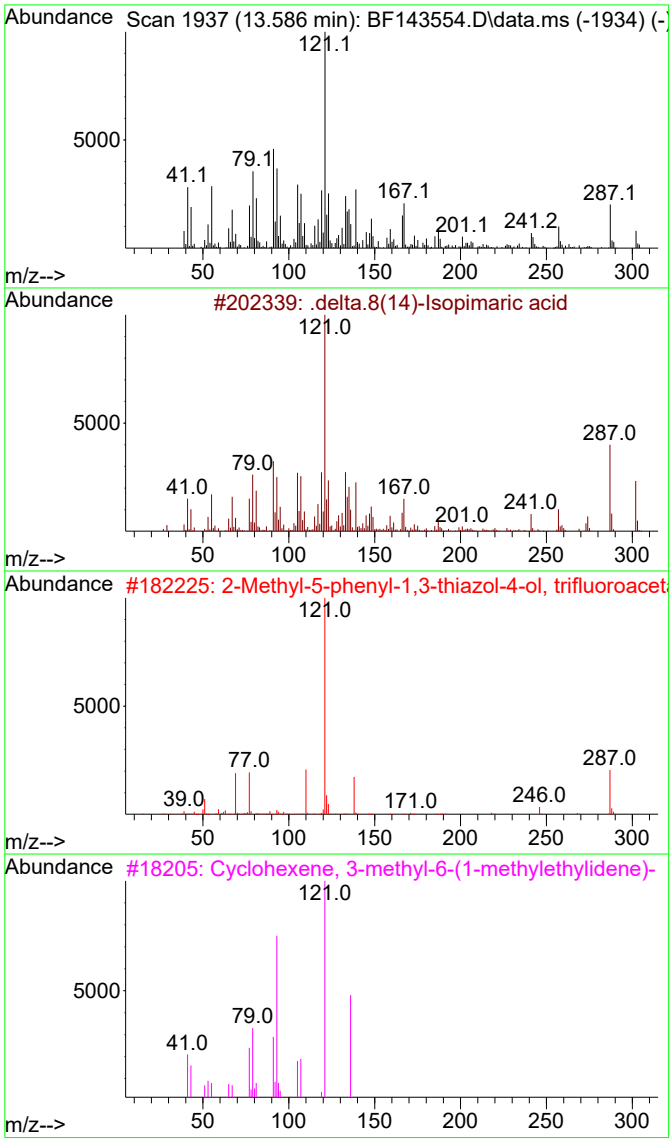
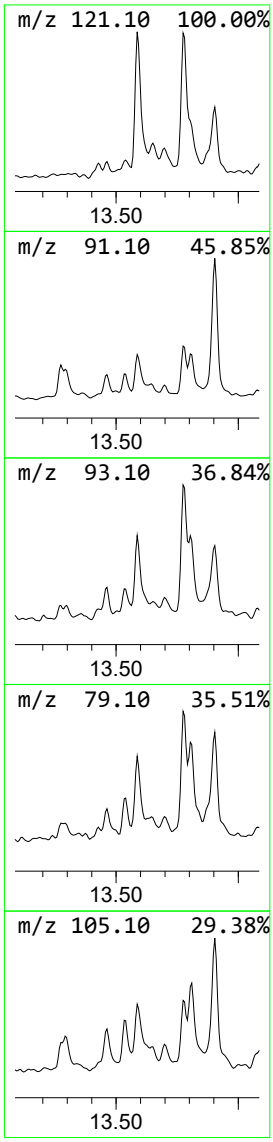
Peak Number 17 .delta.8(14)-Isopimaric acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.586	6.49 ng	183766	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.delta.8(14)-Isopimaric acid	302	C20H30O2	000471-74-9	96
2	2-Methyl-5-phenyl-1,3-thiazol-4-...	287	C12H8F3NO2S	1000471-95-1	38
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	35
4	1,4-Cyclohexadiene, 3,3,6,6-tetr...	136	C10H16	002223-54-3	30
5	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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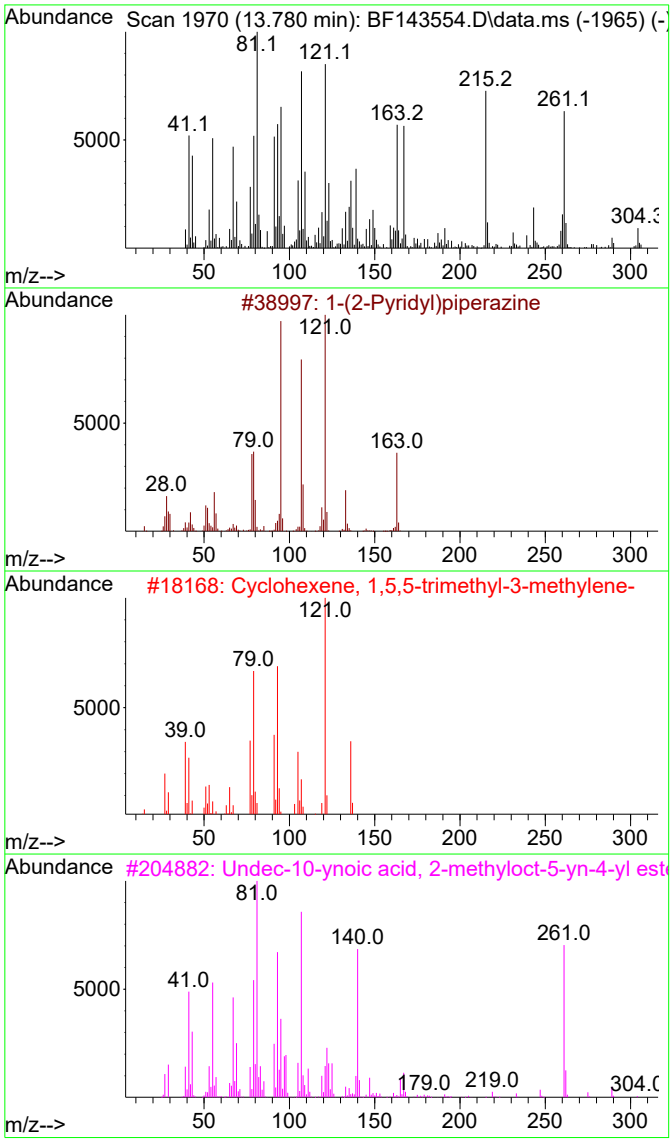
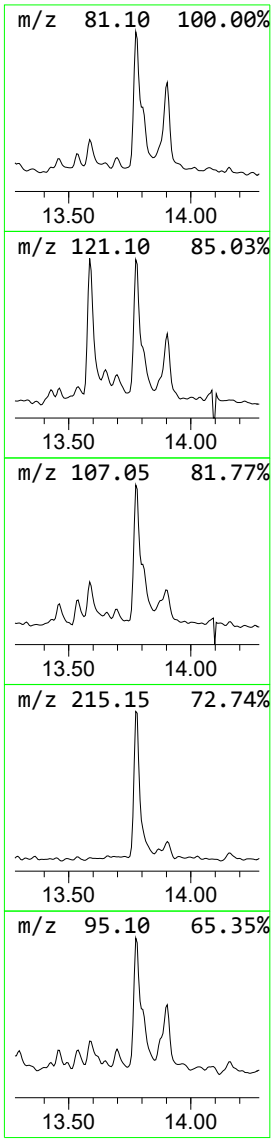
Peak Number 18 1-(2-Pyridyl)piperazine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	12.19 ng	345372	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	64
2	Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	56
3	Undec-10-ynoic acid, 2-methyloct...	304	C20H32O2	1000406-96-6	46
4	Undec-10-ynoic acid (furan-2-ylm...	261	C16H23NO2	332167-72-3	35
5	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	25





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Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

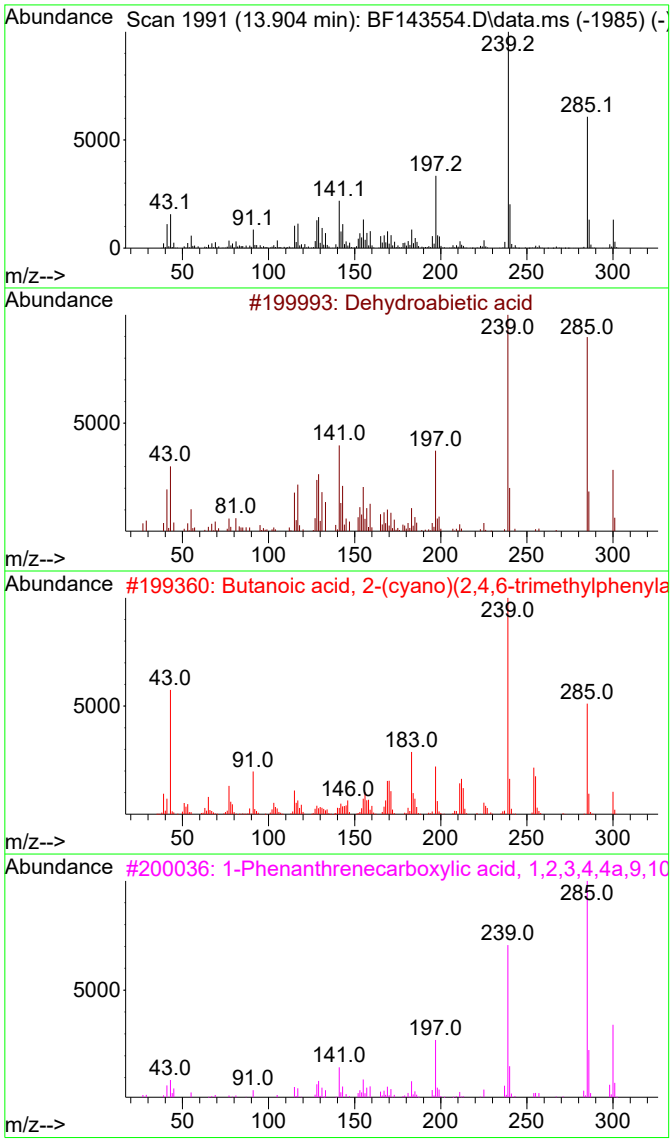
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

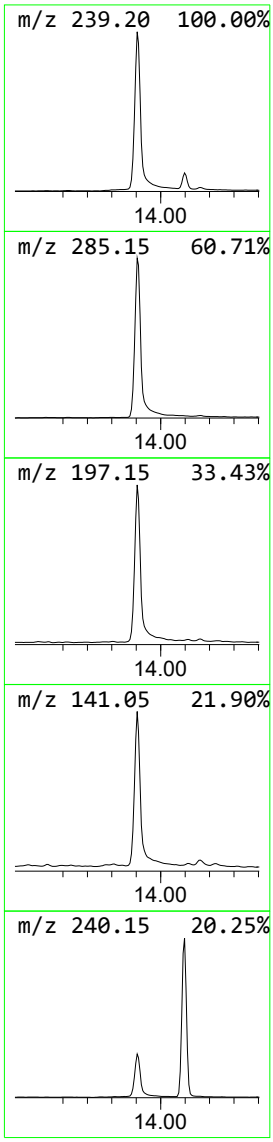
****

Peak Number 19 Dehydroabietic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.903	86.52 ng	2451110	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	81
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	72
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	53
5	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

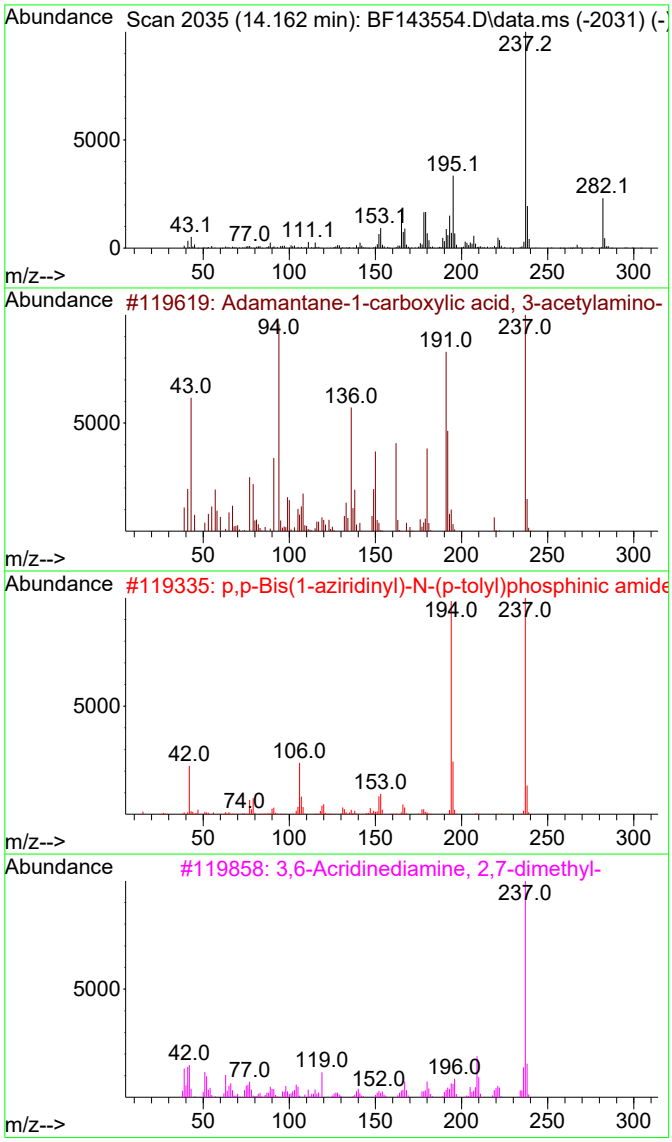
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

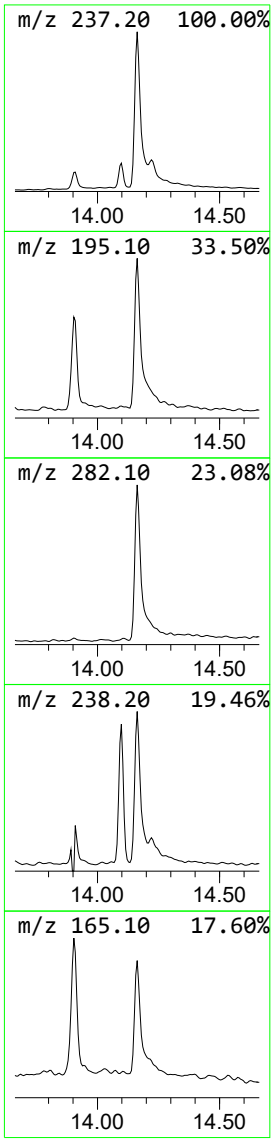
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Adamantane-1-carboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.162	13.90 ng	393883	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid, 3-...	237	C13H19NO3	1000303-75-9	53
2	p,p-Bis(1-aziridinyl)-N-(p-tolyl...	237	C11H16N3OP	027824-40-4	53
3	3,6-Acridinediamine, 2,7-dimethyl-	237	C15H15N3	000092-26-2	52
4	4,6-Dichloro-2-(methylthio)pyrim...	237	C6H5Cl2N3OS	313339-36-5	50
5	2-Acetyl-1,3,3,4,4-pentamethylcy...	237	C13H23N3O	016983-65-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143554.D
Acq On : 22 Aug 2025 03:46
Operator : RC/JU
Sample : Q2903-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18A-081925

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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...	2.275	126.7	ng	3897040	1	6.928	615249	20.0
2-Pentanone, 4-...	5.157	5.5	ng	168352	1	6.928	615249	20.0
unknown5.275	5.275	5.9	ng	181969	1	6.928	615249	20.0
Benzene, 1,3-di...	5.786	4.8	ng	145988	1	6.928	615249	20.0
Benzene, 1,2,3-...	6.751	11.4	ng	349398	1	6.928	615249	20.0
Benzene, 1-ethy...	6.986	4.9	ng	150912	1	6.928	615249	20.0
Indane	7.104	4.9	ng	150330	1	6.928	615249	20.0
Benzene, 1-prop...	7.186	6.7	ng	204700	1	6.928	615249	20.0
Phenol, 3-methyl-	7.333	3.1	ng	95536	1	6.928	615249	20.0
Naphthalene, 2,...	9.621	4.0	ng	159153	3	9.963	799107	20.0
n-Hexadecanoic ...	11.980	5.1	ng	184120	4	11.451	716868	20.0
Palmitoleic acid	12.686	3.9	ng	140652	4	11.451	716868	20.0
Phenol, 4,4'-(1...	12.921	12.5	ng	355287	5	14.098	566584	20.0
unknown13.274	13.274	4.1	ng	114934	5	14.098	566584	20.0
unknown13.539	13.539	3.8	ng	106552	5	14.098	566584	20.0
.delta.8(14)-Is...	13.586	6.5	ng	183766	5	14.098	566584	20.0
1-(2-Pyridyl)pi...	13.780	12.2	ng	345372	5	14.098	566584	20.0
Dehydroabietic ...	13.903	86.5	ng	2451110	5	14.098	566584	20.0
Adamantane-1-ca...	14.162	13.9	ng	393883	5	14.098	566584	20.0