

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142538.D
 Acq On : 23 May 2025 16:34
 Operator : RC/JU
 Sample : Q2114-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GAW1

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: BF142538.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	487	496	505	rBV	78110	122103	3.81%	0.601%
2	5.510	558	564	569	rBV	942110	1256859	39.26%	6.182%
3	6.510	729	734	742	rVB	637100	801654	25.04%	3.943%
4	6.892	795	799	806	rVB	498189	628704	19.64%	3.092%
5	7.075	826	830	835	rVB	38903	45867	1.43%	0.226%
6	7.457	885	895	900	rBV	1275259	1801445	56.27%	8.861%
7	7.704	932	937	941	rVB3	25075	41704	1.30%	0.205%
8	7.851	959	962	967	rVB2	33736	47851	1.49%	0.235%
9	7.916	967	973	981	rBV	82703	129245	4.04%	0.636%
10	8.181	1004	1018	1023	rBV	656262	998433	31.19%	4.911%
11	8.222	1023	1025	1030	rVB2	64204	84189	2.63%	0.414%
12	8.375	1047	1051	1056	rBV3	29248	44511	1.39%	0.219%
13	8.457	1062	1065	1070	rVB2	27868	38361	1.20%	0.189%
14	8.575	1079	1085	1094	rBV3	224823	405780	12.68%	1.996%
15	8.810	1121	1125	1128	rBV	21881	32934	1.03%	0.162%
16	8.886	1133	1138	1142	rVB3	39423	69115	2.16%	0.340%
17	8.992	1148	1156	1160	rBV2	56115	118916	3.71%	0.585%
18	9.198	1188	1191	1195	rBV3	27105	42114	1.32%	0.207%
19	9.257	1195	1201	1206	rVV	2434326	3201384	100.00%	15.747%
20	9.451	1229	1234	1240	rVB2	29835	69403	2.17%	0.341%
21	9.516	1240	1245	1250	rBV2	65006	107847	3.37%	0.530%
22	9.592	1254	1258	1260	rBV	67794	86162	2.69%	0.424%
23	9.651	1265	1268	1272	rVV4	45691	56929	1.78%	0.280%
24	9.710	1275	1278	1283	rVB	28159	42736	1.33%	0.210%
25	9.792	1288	1292	1296	rBV	31839	48283	1.51%	0.237%
26	9.933	1310	1316	1321	rBV	776543	1005101	31.40%	4.944%
27	10.039	1331	1334	1338	rVB	30733	41401	1.29%	0.204%
28	10.133	1346	1350	1354	rBV3	51794	73994	2.31%	0.364%
29	10.174	1354	1357	1362	rVB2	33869	51209	1.60%	0.252%
30	10.251	1366	1370	1373	rBV2	46407	64860	2.03%	0.319%
31	10.551	1417	1421	1424	rBV	83042	123203	3.85%	0.606%
32	10.645	1433	1437	1442	rVB2	118700	172265	5.38%	0.847%
33	10.727	1445	1451	1456	rVV	1518346	2052519	64.11%	10.096%
34	10.851	1464	1472	1478	rVB2	118660	209482	6.54%	1.030%
35	10.922	1480	1484	1488	rBV2	45802	76894	2.40%	0.378%
36	11.063	1504	1508	1515	rBV3	69495	124805	3.90%	0.614%

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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

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37	11.174	1524	1527	1533	rVB3	45738	87695	2.74%	0.431%
38	11.316	1547	1551	1556	rVB3	56017	82598	2.58%	0.406%
39	11.421	1564	1569	1576	rBV	712376	928731	29.01%	4.568%
40	11.945	1653	1658	1669	rVB	366805	545031	17.02%	2.681%
41	12.651	1775	1778	1787	rVB3	30773	58079	1.81%	0.286%
42	12.733	1787	1792	1804	rVV	86189	143479	4.48%	0.706%
43	12.827	1804	1808	1812	rVB	48908	61669	1.93%	0.303%
44	13.010	1833	1839	1844	rBV	2128855	2750526	85.92%	13.529%
45	13.533	1923	1928	1932	rBV	44910	56983	1.78%	0.280%
46	13.904	1986	1991	2004	rBV	64878	120007	3.75%	0.590%
47	14.062	2013	2018	2030	rVB	452967	576682	18.01%	2.837%
48	15.556	2266	2272	2294	rVB	375677	600779	18.77%	2.955%

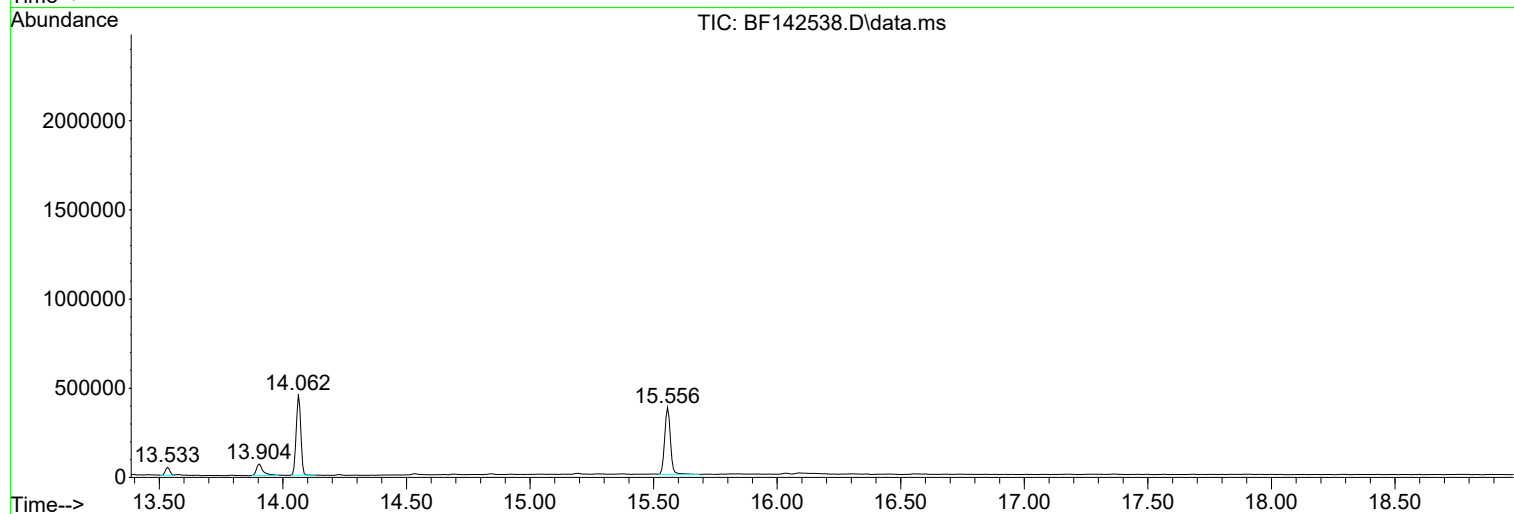
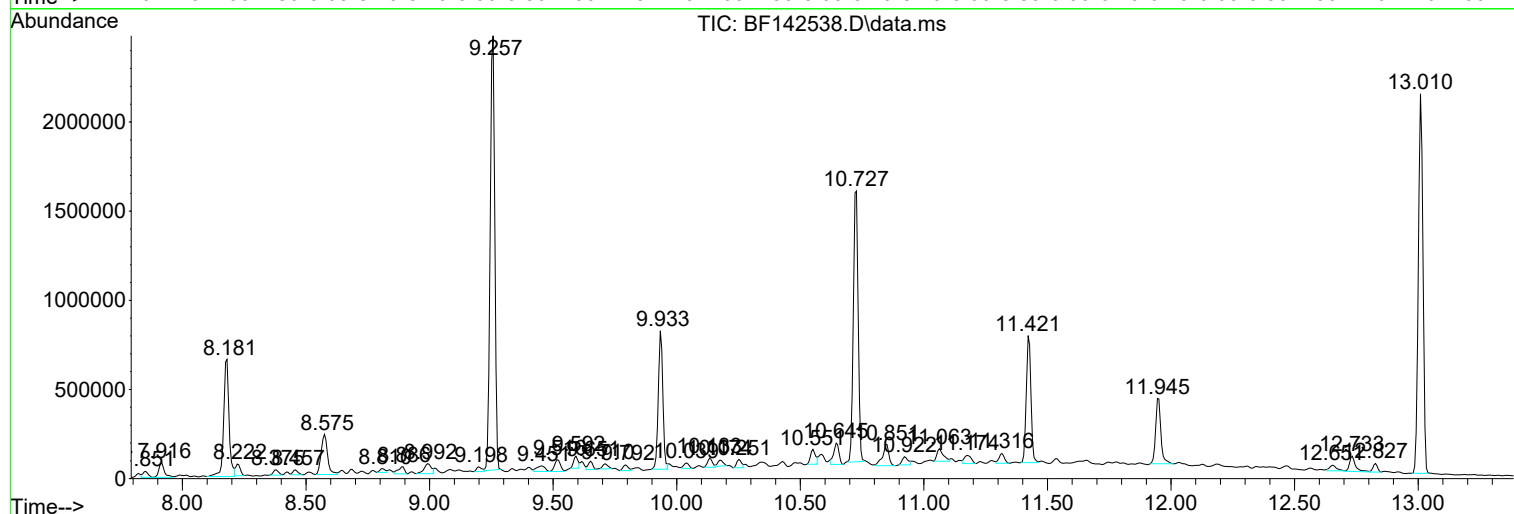
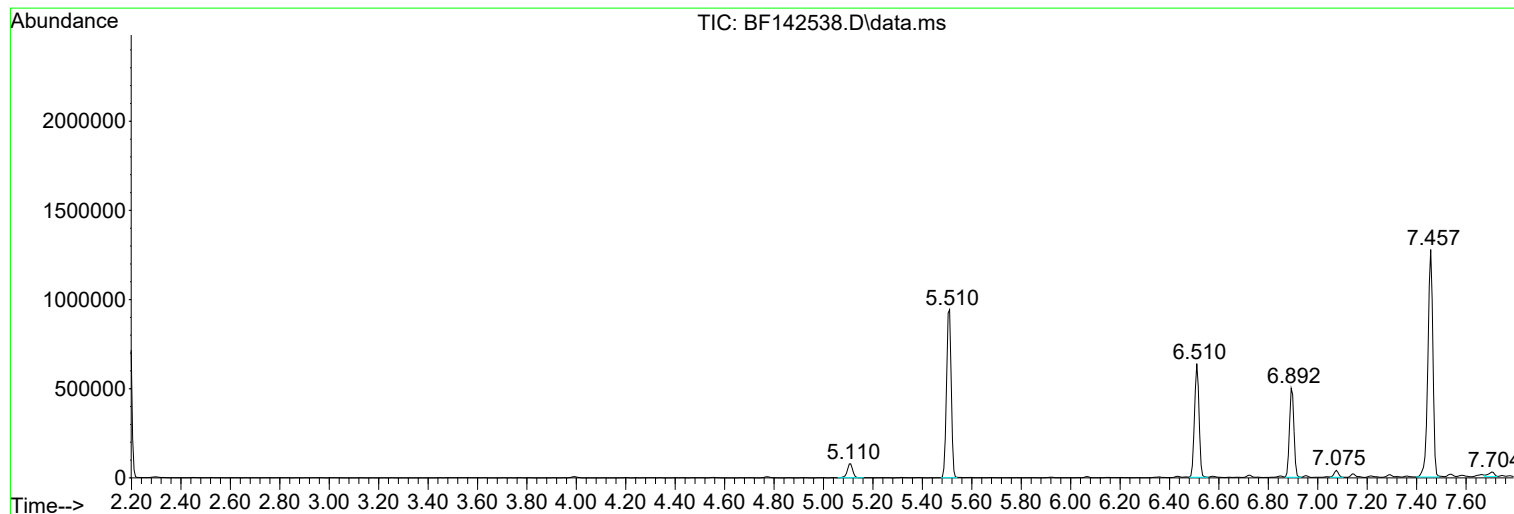
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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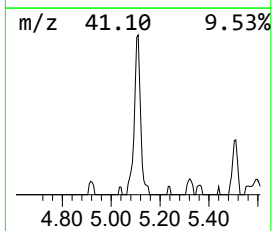
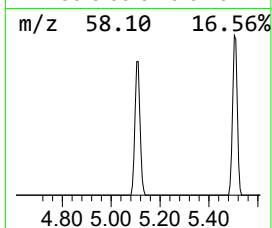
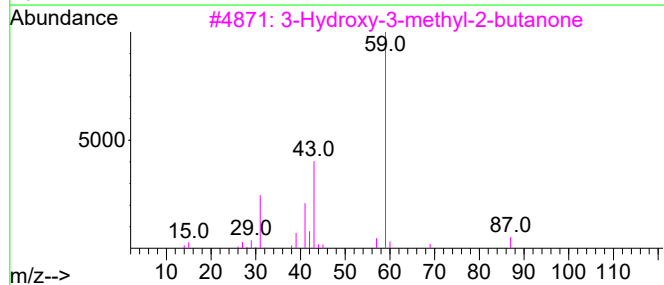
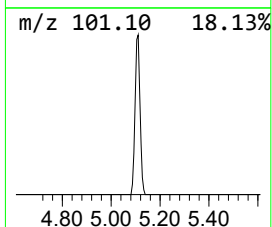
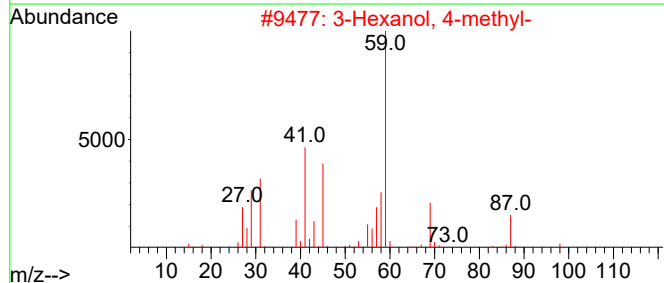
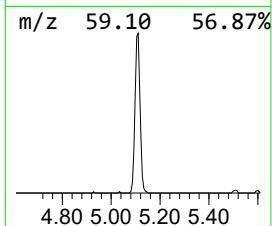
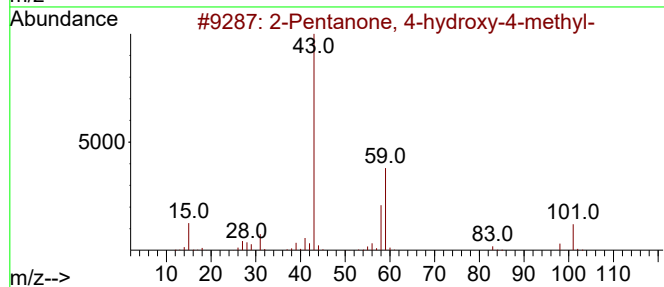
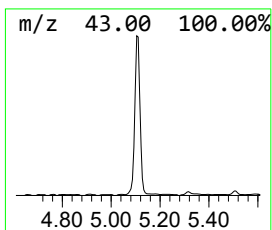
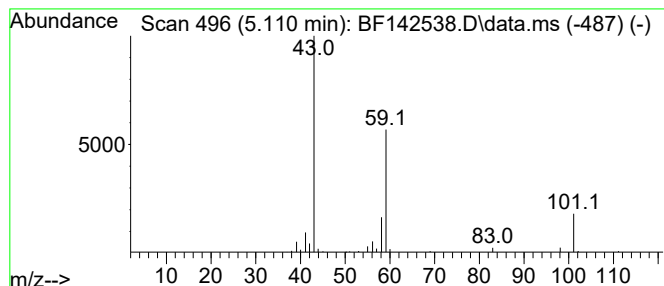
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	3.88 ng	122103	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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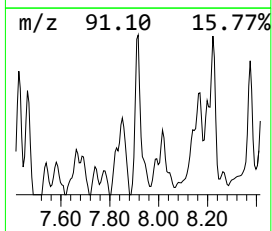
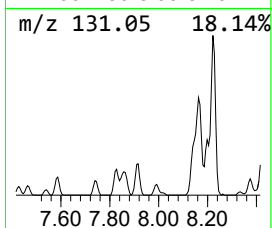
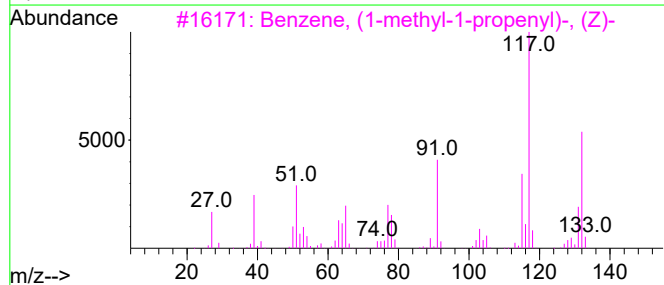
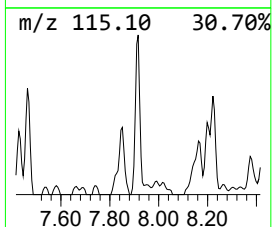
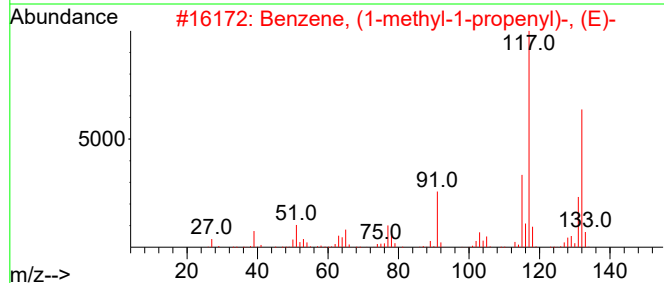
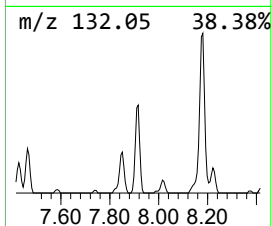
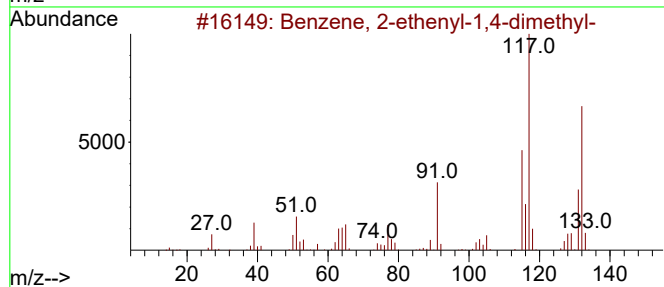
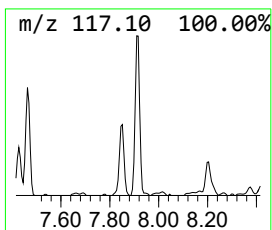
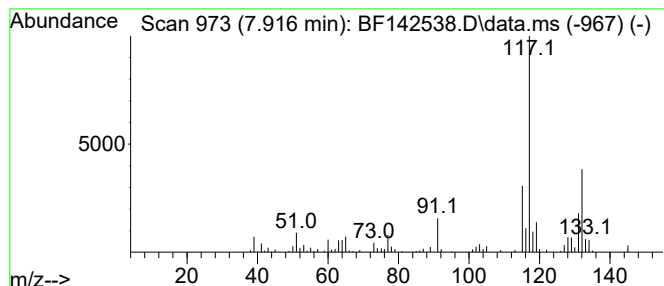
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	2.59 ng	129245	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87



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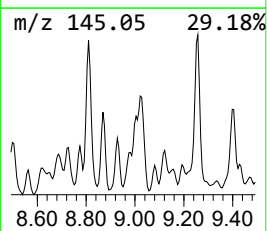
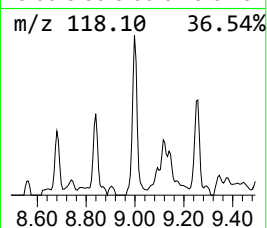
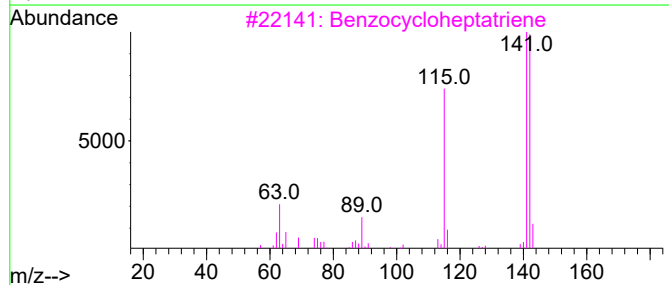
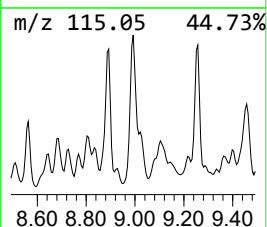
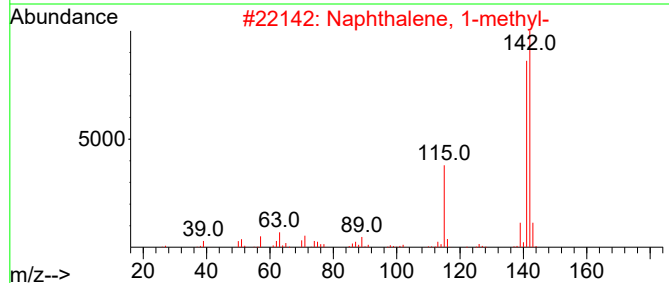
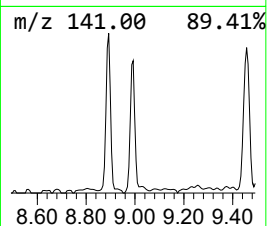
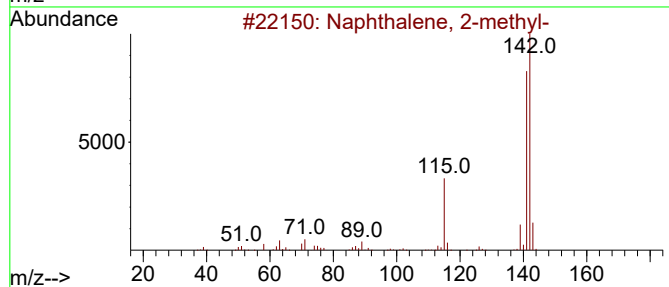
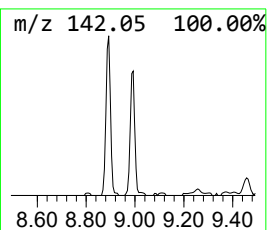
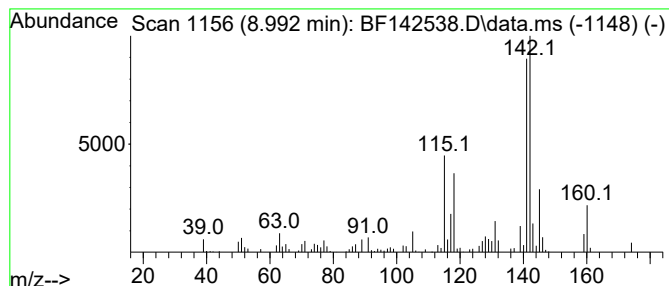
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.992	2.38 ng	118916	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3			Benzocycloheptatriene	142	C11H10	000264-09-5	86
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	70
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	47



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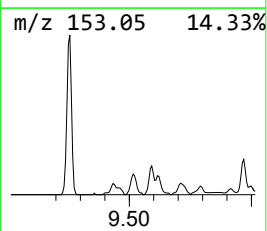
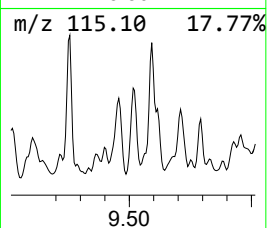
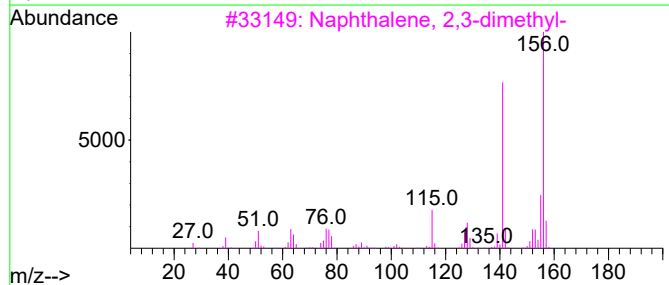
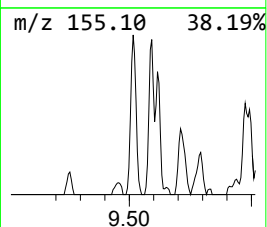
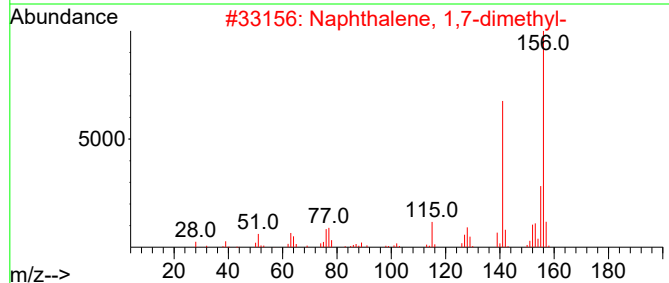
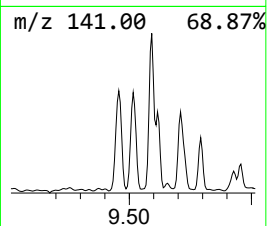
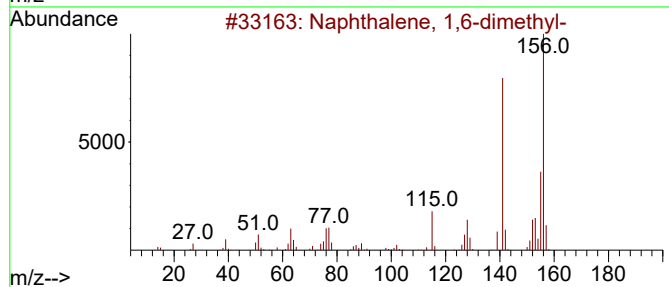
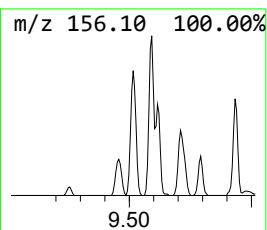
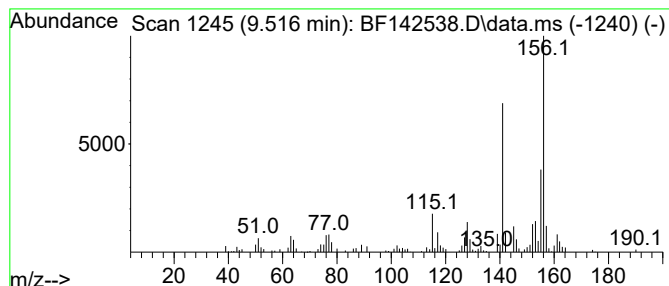
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	2.15 ng	107847	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



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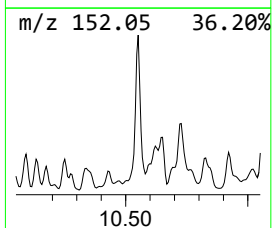
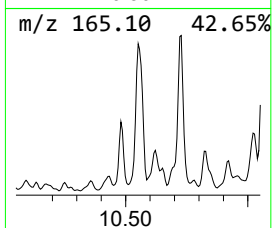
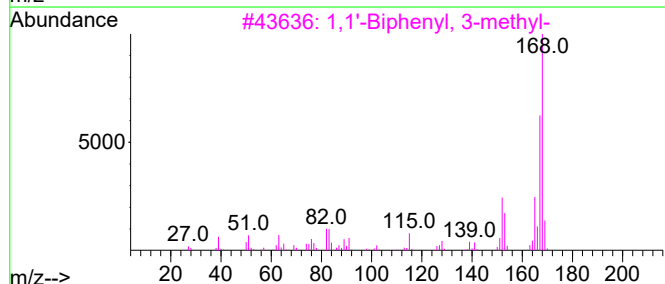
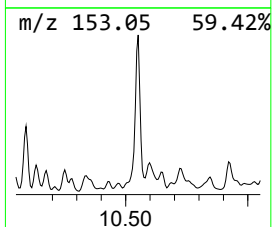
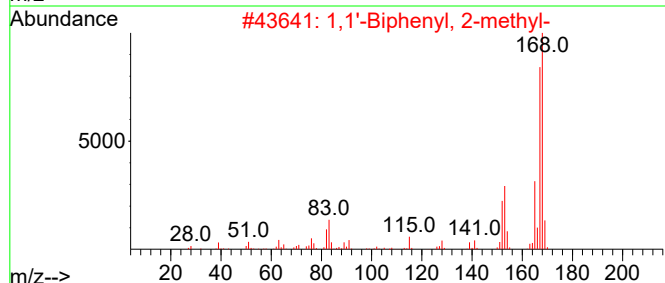
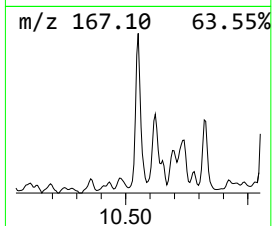
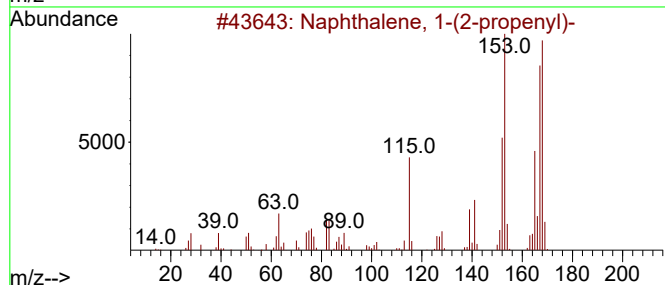
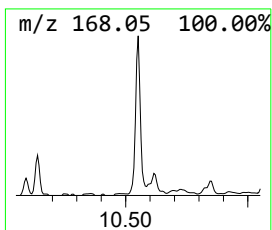
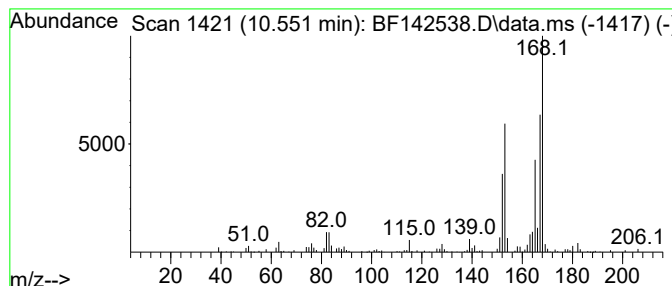
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-(2-propenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	2.45 ng	123203	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	81
2			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
4			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142538.D
Acq On : 23 May 2025 16:34
Operator : RC/JU
Sample : Q2114-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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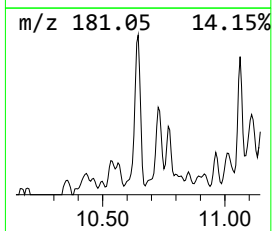
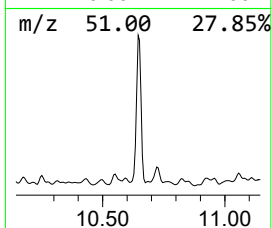
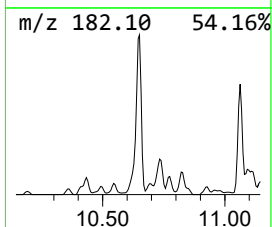
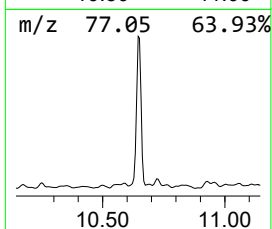
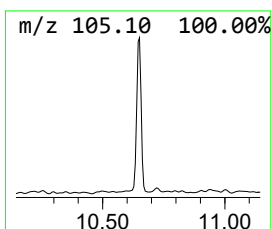
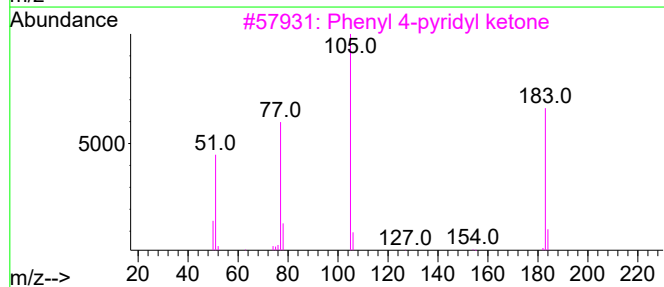
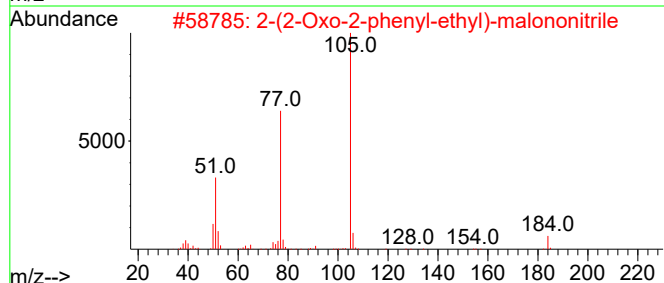
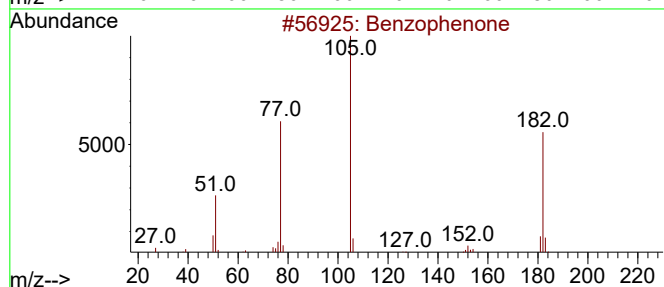
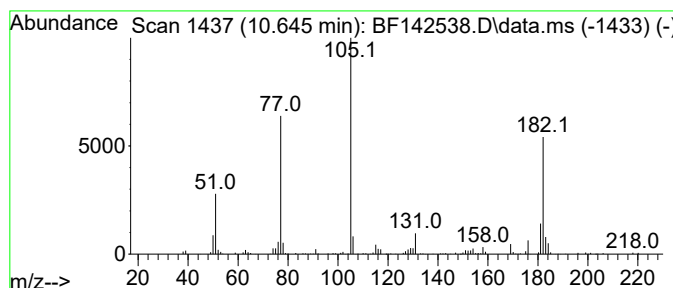
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	3.43 ng	172265	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	91
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	50
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
4			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	38
5			1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142538.D
Acq On : 23 May 2025 16:34
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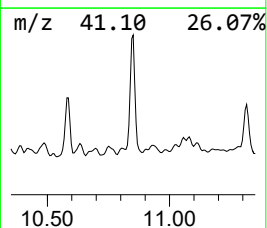
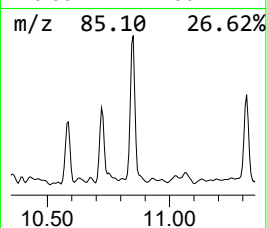
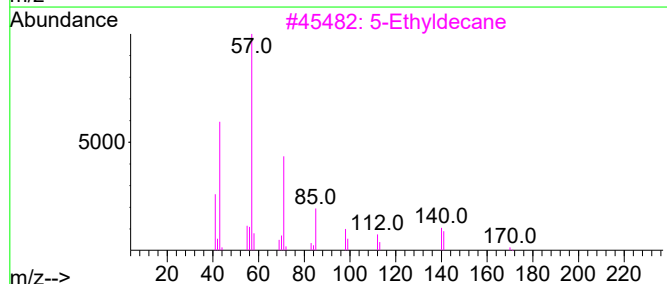
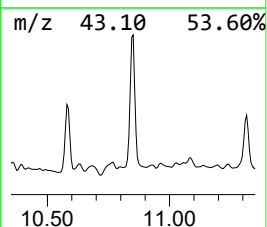
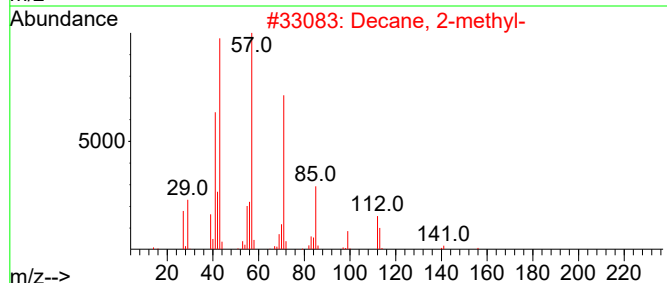
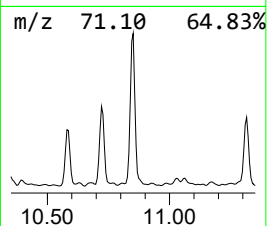
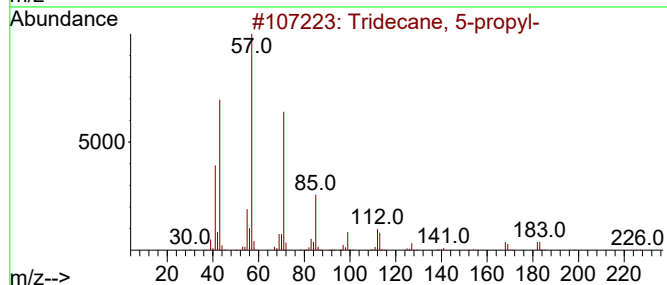
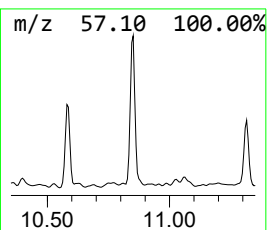
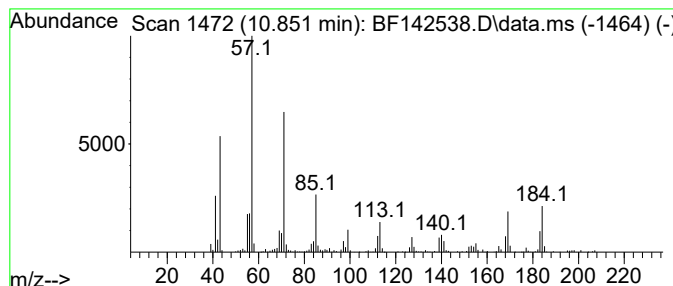
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.851	4.51 ng	209482	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
2			Decane, 2-methyl-	156	C11H24	006975-98-0	58
3			5-Ethyldecane	170	C12H26	017302-36-2	58
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
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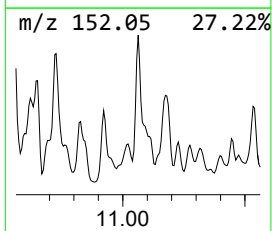
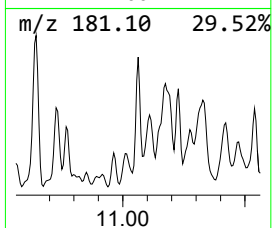
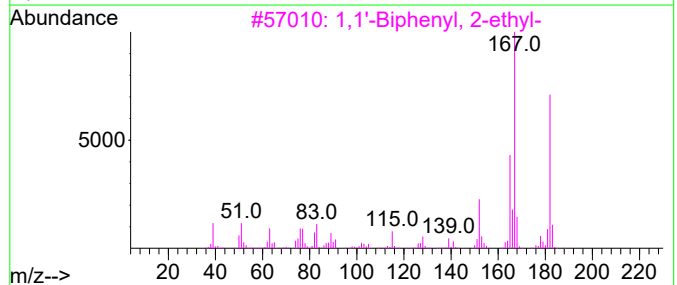
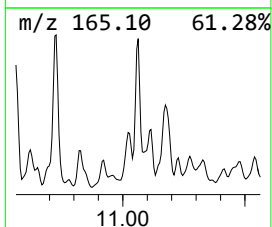
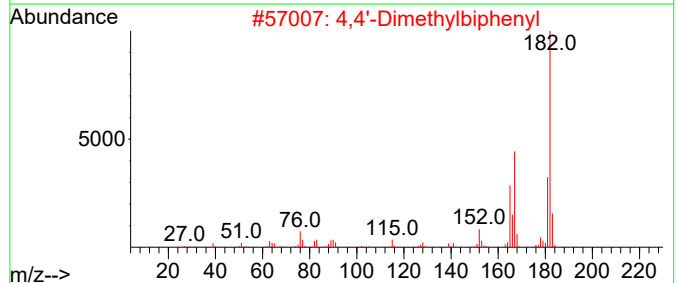
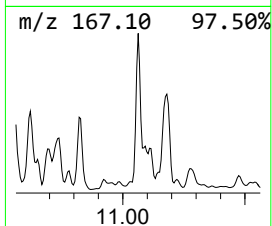
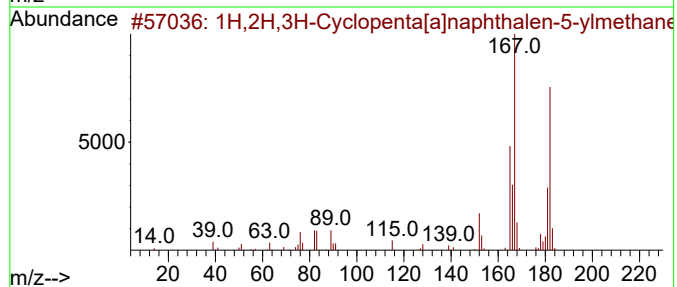
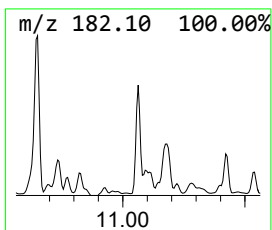
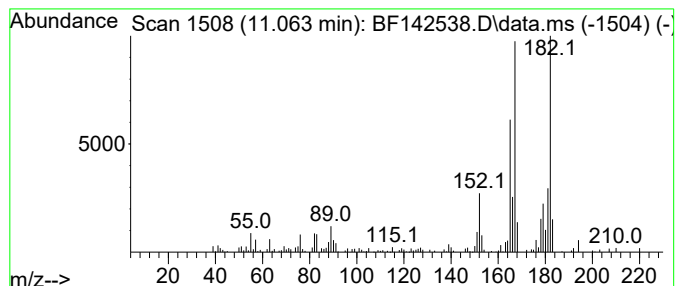
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H,2H,3H-Cyclopenta[a]napht... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.063	2.69 ng	124805	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	93
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	90
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	81
5	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142538.D
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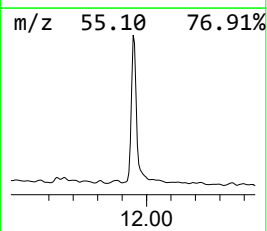
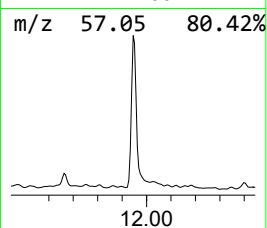
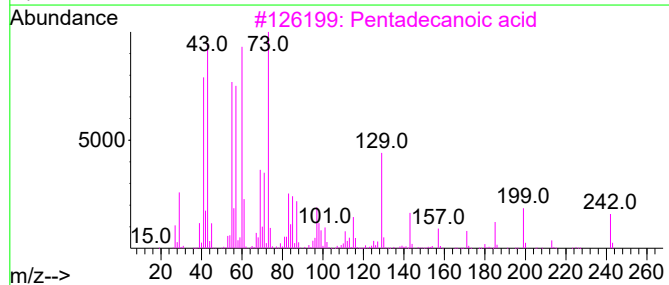
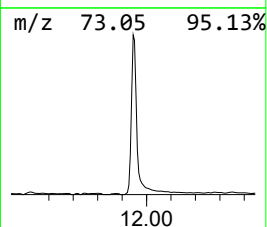
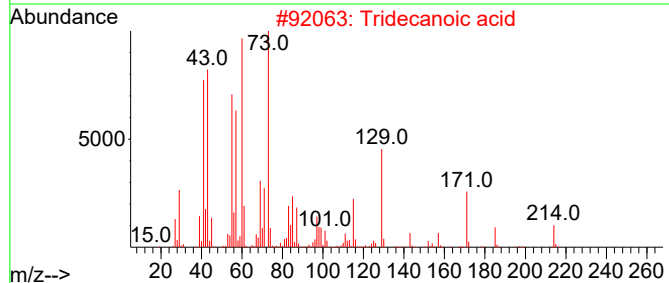
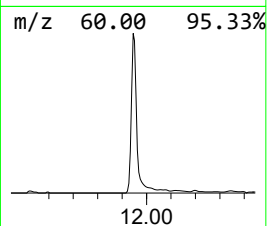
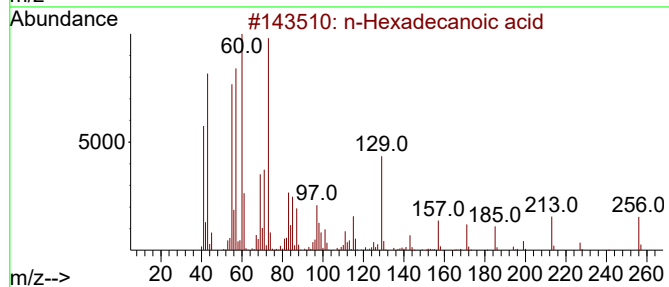
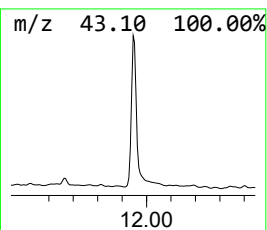
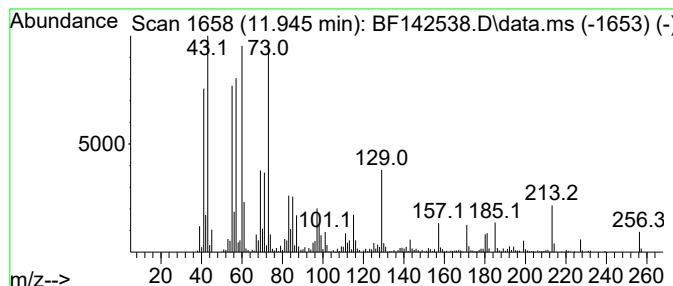
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	11.74 ng	545031	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
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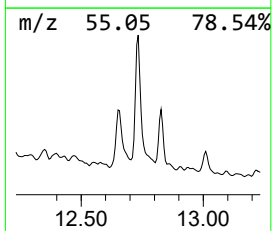
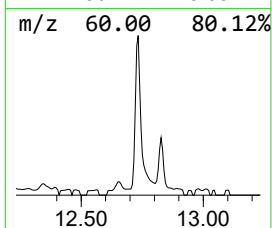
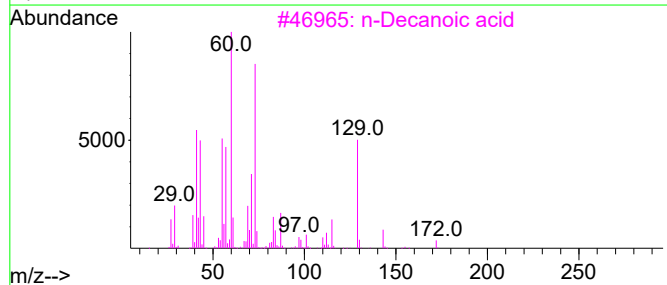
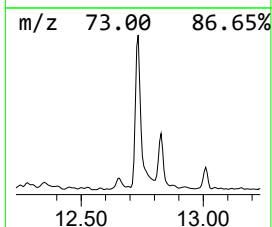
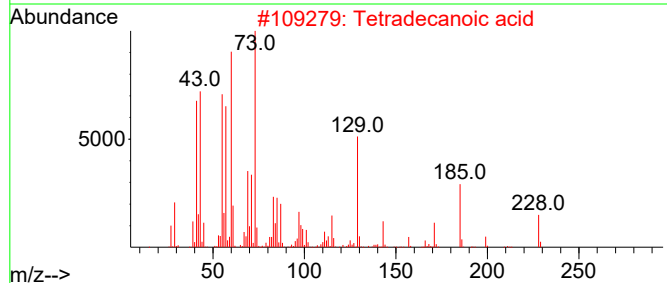
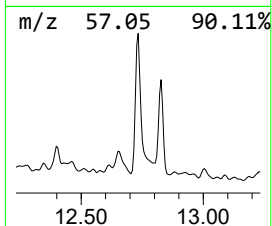
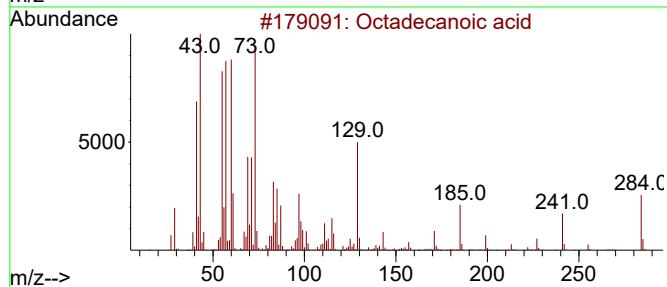
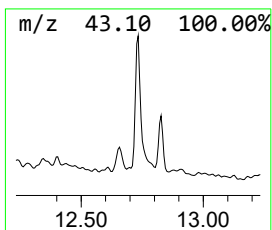
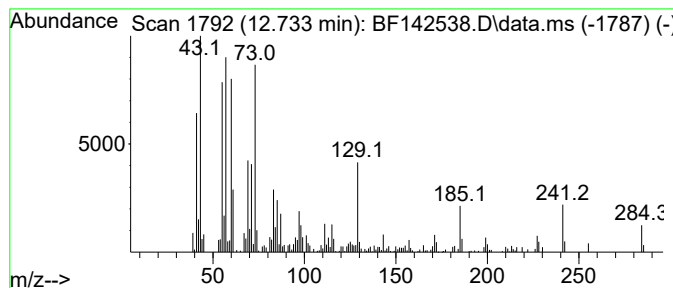
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	3.09 ng	143479	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3			n-Decanoic acid	172	C10H20O2	000334-48-5	86
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
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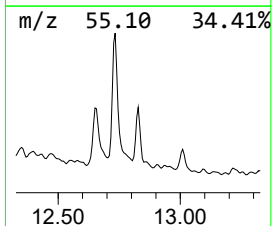
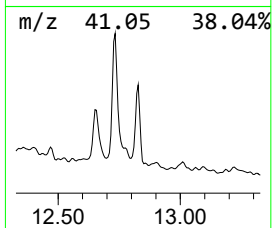
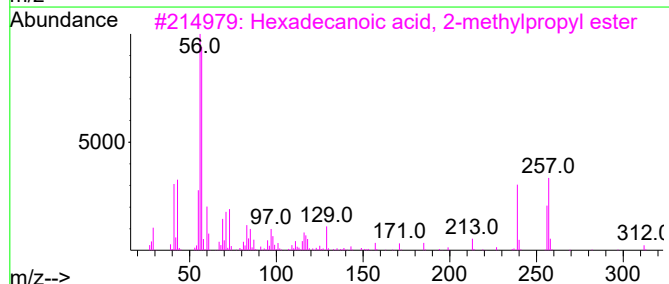
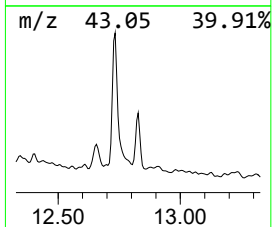
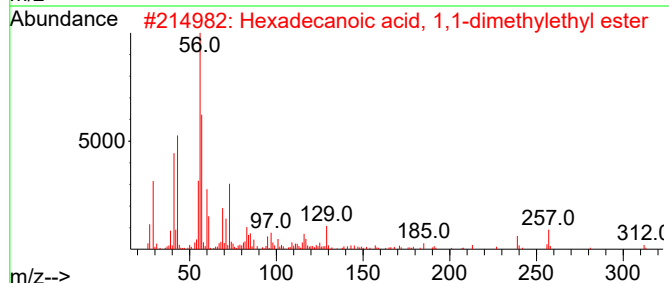
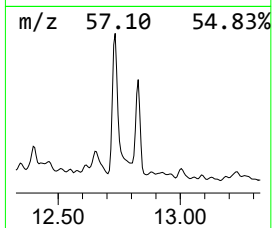
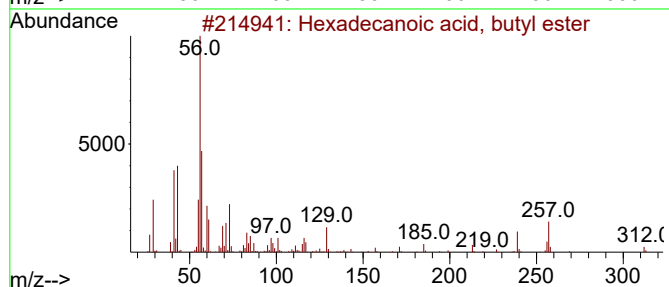
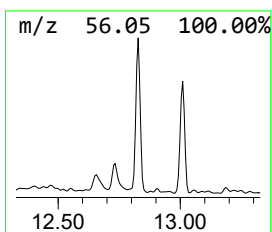
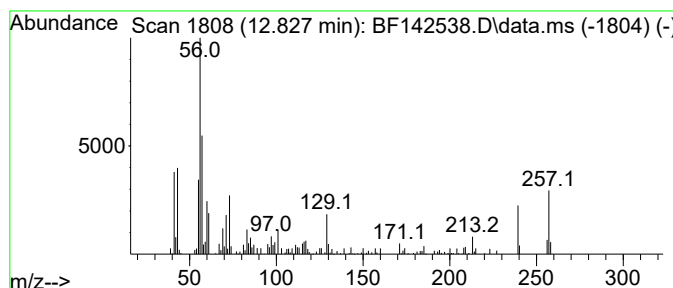
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hexadecanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.827	2.14 ng	61669	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	46
4	trans-4-Aminocyclohexanecarboxyl...	215	C10H21NO2Si	1000384-24-5	35
5	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
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Acq On : 23 May 2025 16:34
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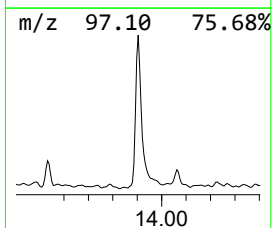
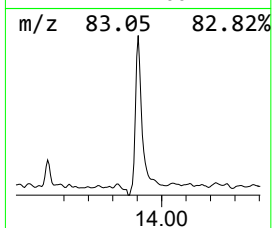
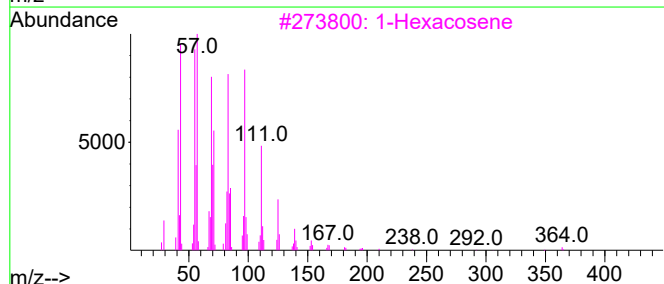
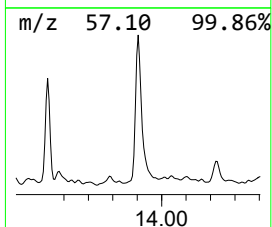
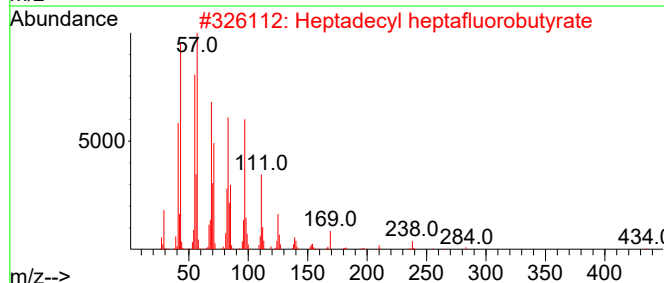
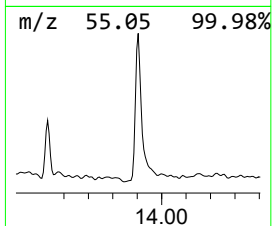
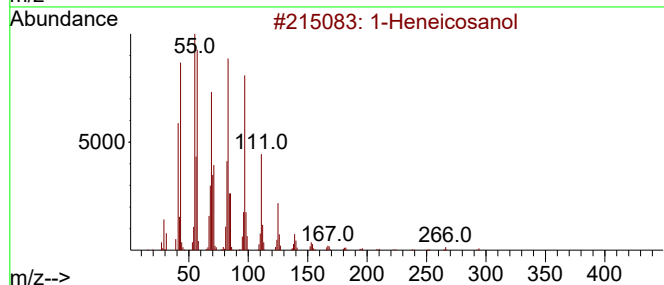
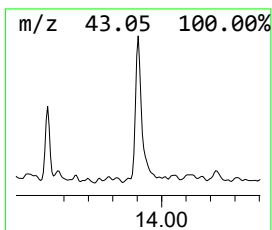
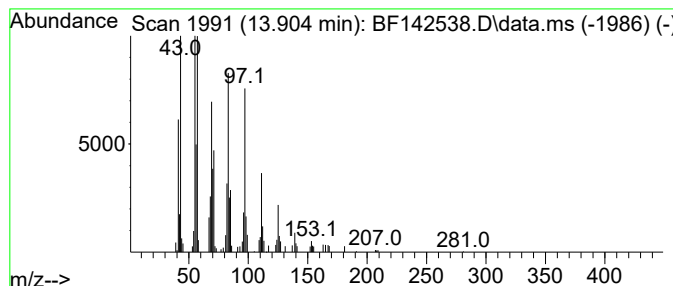
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.16 ng	120007	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3			1-Hexacosene	364	C26H52	018835-33-1	95
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142538.D
Acq On : 23 May 2025 16:34
Operator : RC/JU
Sample : Q2114-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAW1

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	3.9	ng	122103	1	6.892	628704	20.0
Benzene, 2-ethe...	7.916	2.6	ng	129245	2	8.181	998433	20.0
Naphthalene, 2-...	8.992	2.4	ng	118916	2	8.181	998433	20.0
Naphthalene, 1-...	9.516	2.1	ng	107847	3	9.933	1005100	20.0
Naphthalene, 1-...	10.551	2.5	ng	123203	3	9.933	1005100	20.0
Benzophenone	10.645	3.4	ng	172265	3	9.933	1005100	20.0
Tridecane, 5-pr...	10.851	4.5	ng	209482	4	11.422	928731	20.0
1H,2H,3H-Cyclop...	11.063	2.7	ng	124805	4	11.422	928731	20.0
n-Hexadecanoic ...	11.945	11.7	ng	545031	4	11.422	928731	20.0
Octadecanoic acid	12.733	3.1	ng	143479	4	11.422	928731	20.0
Hexadecanoic ac...	12.827	2.1	ng	61669	5	14.063	576682	20.0
1-Heneicosanol	13.904	4.2	ng	120007	5	14.063	576682	20.0