

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141393.D
 Acq On : 04 Feb 2025 02:09
 Operator : RC/JU
 Sample : Q1219-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0015

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141393.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	18	38	40	rBV	47866	263137	8.97%	1.561%
2	3.799	283	290	298	rBV	33075	55057	1.88%	0.327%
3	5.375	551	558	563	rBV2	48713	83819	2.86%	0.497%
4	5.428	563	567	579	rVB	43459	69553	2.37%	0.413%
5	5.634	598	602	609	rVB	34098	45325	1.55%	0.269%
6	6.322	715	719	722	rBV	82331	96661	3.30%	0.573%
7	6.392	727	731	737	rVB2	54120	76658	2.61%	0.455%
8	6.457	737	742	744	rBV	46376	75613	2.58%	0.448%
9	6.481	744	746	751	rVB	45398	51202	1.75%	0.304%
10	6.622	765	770	778	rVB2	229388	348931	11.90%	2.070%
11	6.792	794	799	806	rBV	413798	566289	19.31%	3.359%
12	6.857	806	810	816	rBV2	136592	185279	6.32%	1.099%
13	6.975	827	830	836	rVB	39173	47418	1.62%	0.281%
14	7.069	836	846	850	rBV2	86175	155460	5.30%	0.922%
15	7.116	850	854	862	rVB2	98166	180453	6.15%	1.070%
16	7.187	862	866	870	rBV2	53930	70133	2.39%	0.416%
17	7.263	875	879	881	rBV	37703	51869	1.77%	0.308%
18	7.328	886	890	893	rBV	104722	148813	5.07%	0.883%
19	7.392	898	901	905	rVB	134713	158581	5.41%	0.941%
20	7.516	905	922	927	rBV	365809	1196192	40.78%	7.095%
21	7.563	927	930	932	rVV	68266	94185	3.21%	0.559%
22	7.592	932	935	940	rVB	113735	150193	5.12%	0.891%
23	7.698	946	953	956	rBV3	42492	100865	3.44%	0.598%
24	7.751	956	962	967	rVB4	70978	148386	5.06%	0.880%
25	7.816	967	973	981	rBV4	129066	297293	10.14%	1.763%
26	8.075	1004	1017	1024	rBV3	562227	1191866	40.63%	7.069%
27	8.134	1024	1027	1031	rVB2	48127	72823	2.48%	0.432%
28	8.275	1041	1051	1052	rBV5	35215	84681	2.89%	0.502%
29	8.298	1052	1055	1057	rVV	51147	63064	2.15%	0.374%
30	8.322	1057	1059	1063	rVB	77257	94031	3.21%	0.558%
31	8.428	1073	1077	1079	rBV2	41393	50683	1.73%	0.301%
32	8.457	1079	1082	1085	rVV2	65513	83836	2.86%	0.497%
33	8.498	1085	1089	1094	rVB	47414	65693	2.24%	0.390%
34	8.581	1100	1103	1107	rBV2	57000	74094	2.53%	0.439%
35	8.669	1114	1118	1122	rBV2	179616	220031	7.50%	1.305%
36	8.786	1135	1138	1147	rVB	121618	179721	6.13%	1.066%

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37	8.886	1151	1155	1163	rBV2	88019	149526	5.10%	0.887%
38	9.033	1177	1180	1184	rVB3	39372	53074	1.81%	0.315%
39	9.098	1188	1191	1195	rVV4	48833	66910	2.28%	0.397%
40	9.151	1196	1200	1204	rVB	66289	85075	2.90%	0.505%
41	9.233	1210	1214	1219	rBV	186038	254539	8.68%	1.510%
42	9.498	1251	1259	1264	rBV	384549	622298	21.21%	3.691%
43	9.551	1264	1268	1271	rBV3	89033	146098	4.98%	0.867%
44	9.698	1290	1293	1296	rBV4	60324	87683	2.99%	0.520%
45	9.745	1297	1301	1302	rVV2	90559	122316	4.17%	0.726%
46	9.763	1302	1304	1308	rVV	173070	210009	7.16%	1.246%
47	9.828	1309	1315	1320	rVV	468769	707614	24.12%	4.197%
48	10.263	1386	1389	1393	rVB	199029	225025	7.67%	1.335%
49	10.745	1466	1471	1478	rBV	412481	696577	23.75%	4.132%
50	11.186	1543	1546	1549	rBV	320914	440453	15.02%	2.612%
51	11.322	1565	1569	1573	rBV	389818	531637	18.12%	3.153%
52	11.616	1615	1619	1624	rBV	422494	550247	18.76%	3.264%
53	11.716	1632	1636	1641	rVB	444044	620839	21.17%	3.682%
54	12.027	1685	1689	1692	rBV	459926	573574	19.55%	3.402%
55	12.310	1734	1737	1741	rBV	287539	381601	13.01%	2.263%
56	12.421	1750	1756	1765	rBV3	1153481	2933310	100.00%	17.399%
57	12.563	1777	1780	1785	rBV	308144	503199	17.15%	2.985%

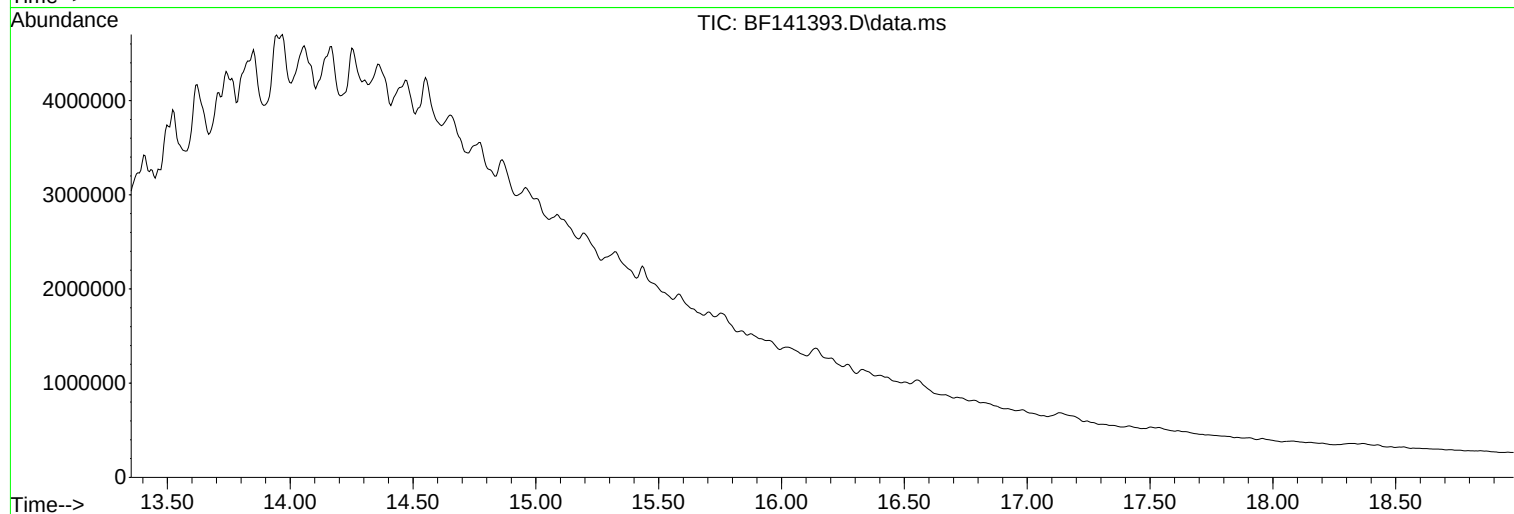
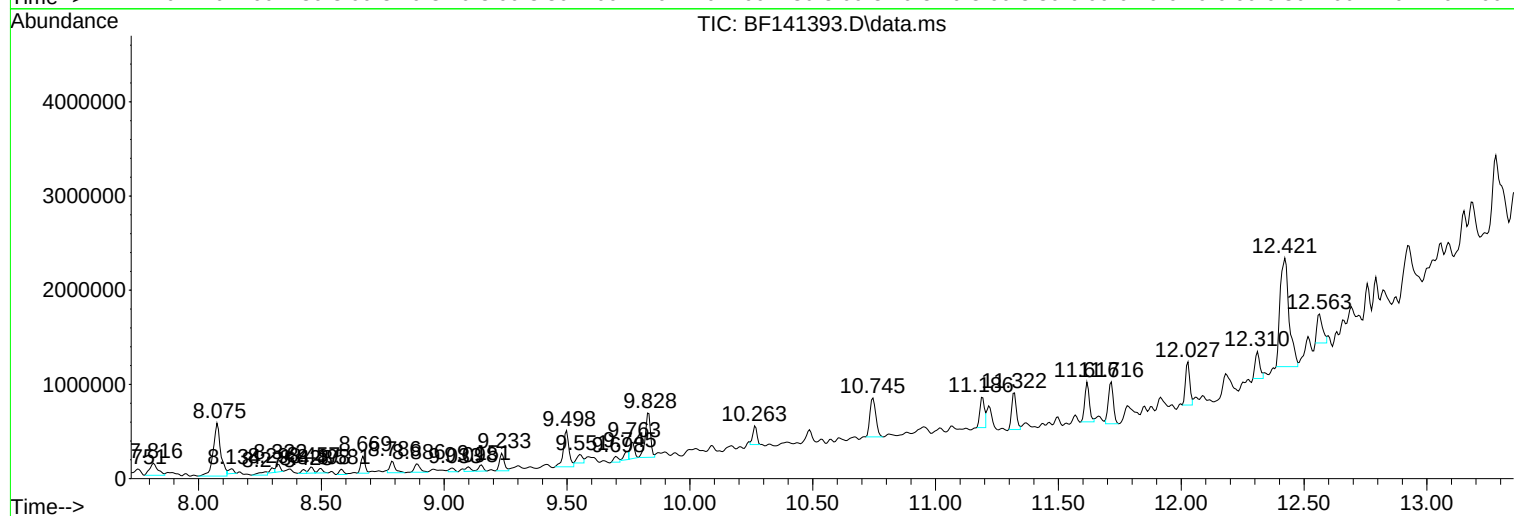
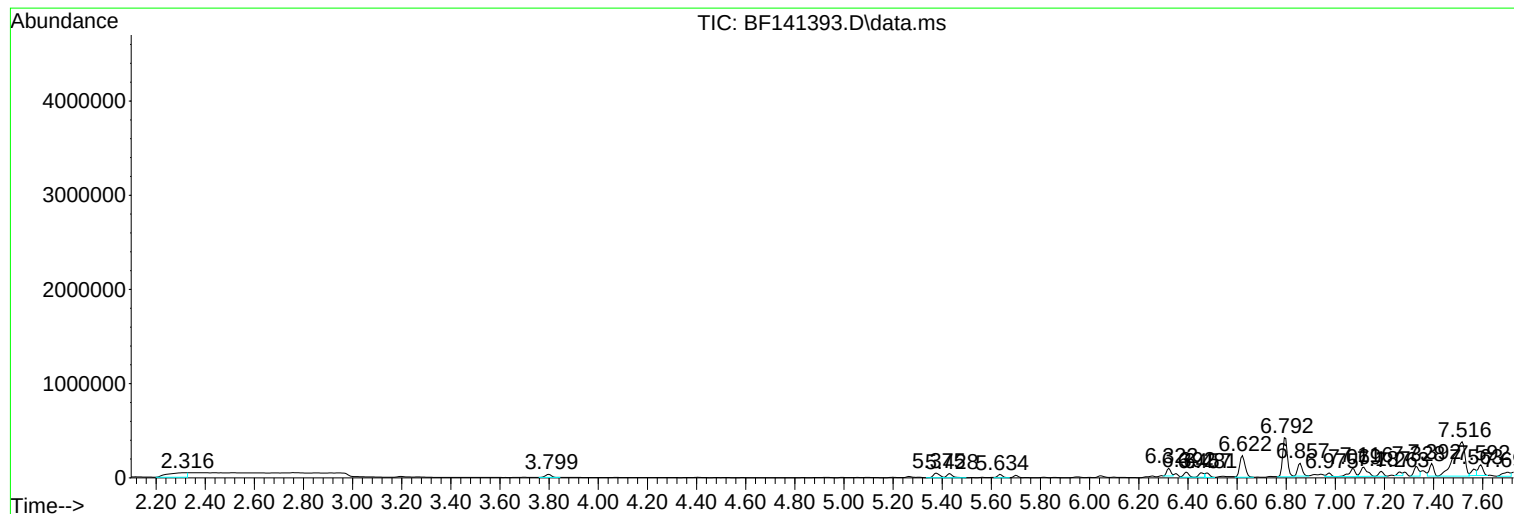
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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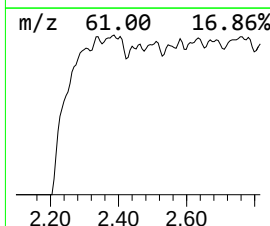
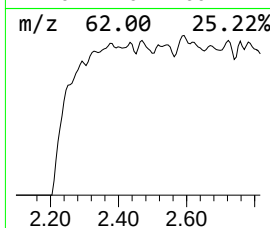
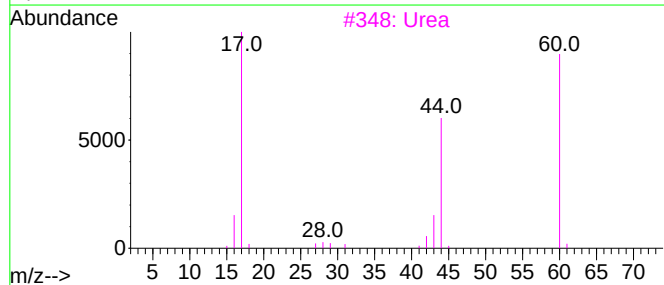
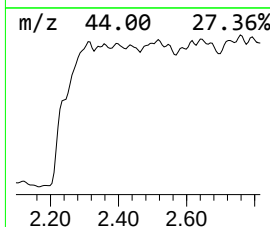
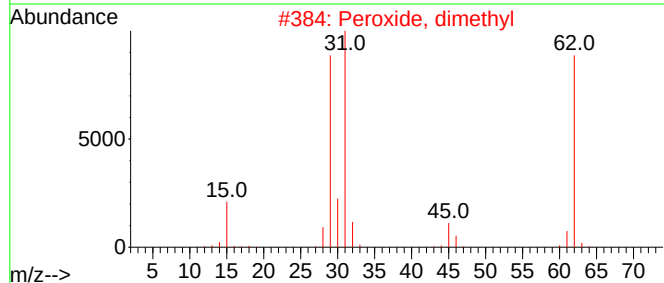
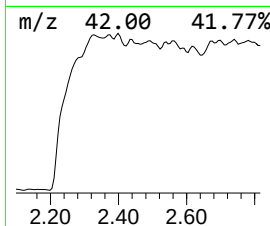
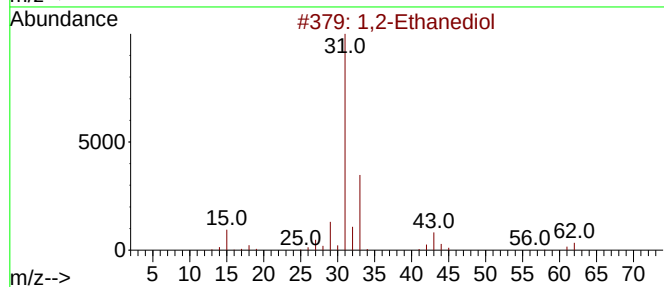
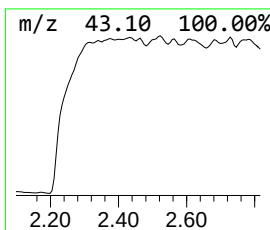
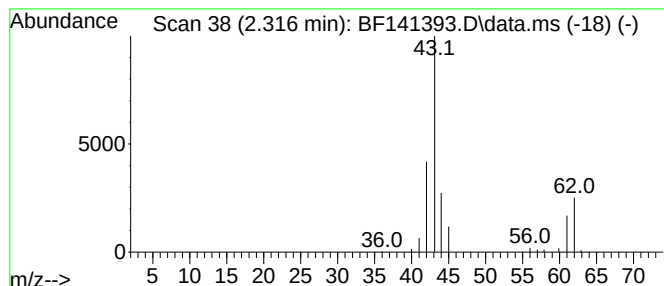
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.316 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.316	9.29 ng	263137	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Ethanediol	62	C2H6O2	000107-21-1	7
2			Peroxide, dimethyl	62	C2H6O2	000690-02-8	3
3			Urea	60	CH4N2O	000057-13-6	2
4			5-Methyloxazolidine	87	C4H9NO	058328-22-6	2
5			Acetic acid, anhydride with form...	88	C3H4O3	002258-42-6	2



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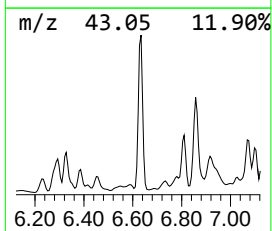
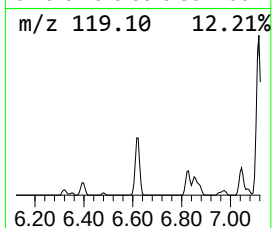
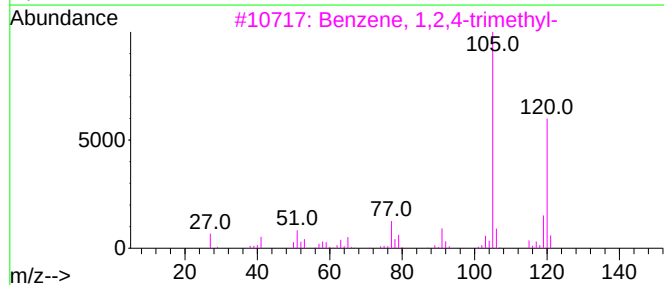
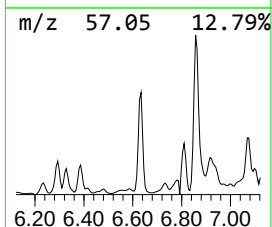
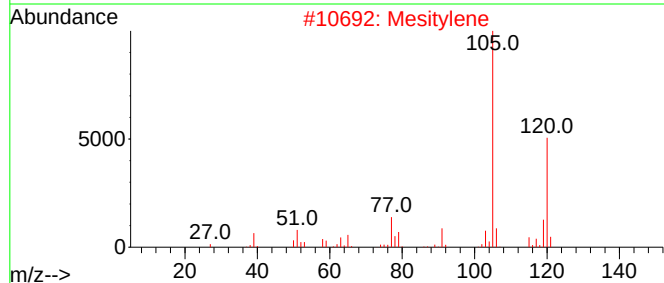
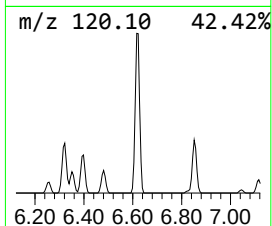
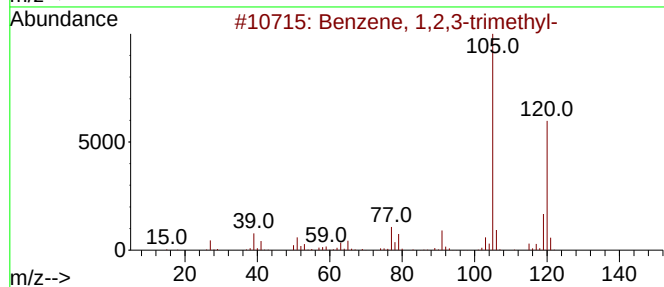
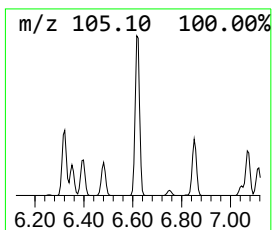
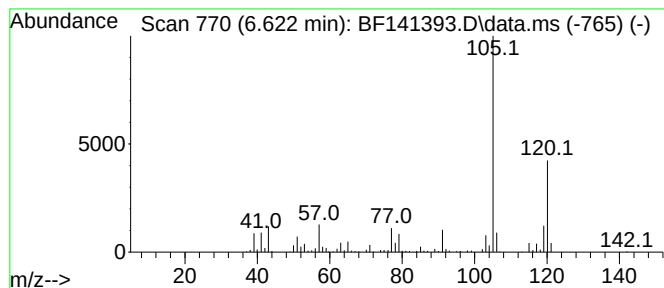
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	12.32 ng	348931	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Mesitylene	120	C9H12	000108-67-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



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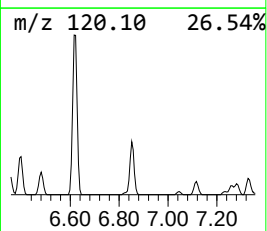
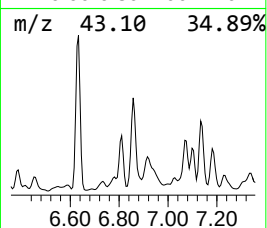
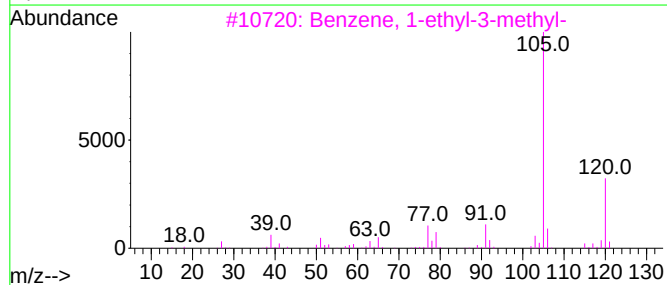
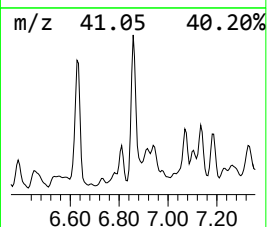
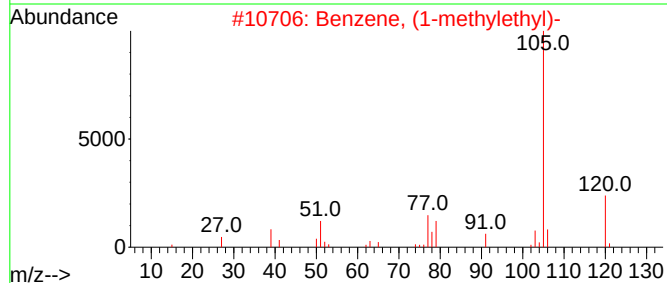
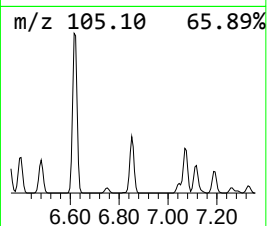
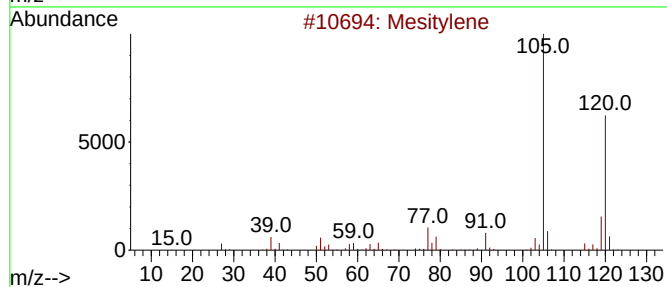
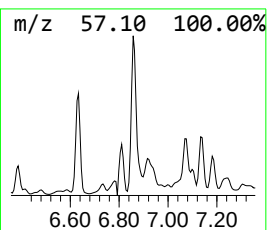
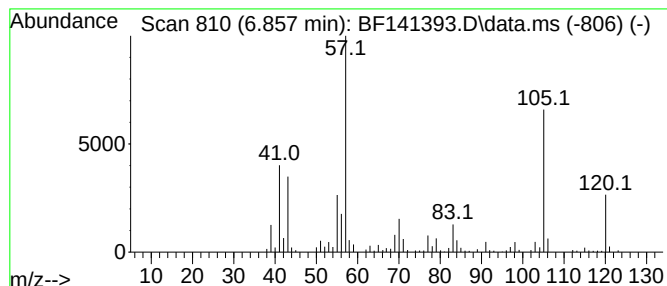
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 unknown6.857 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.857	6.54 ng	185279	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	46
2			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	42
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	42
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42



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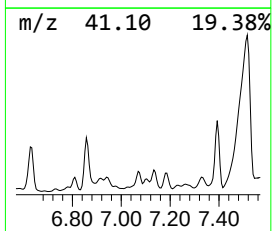
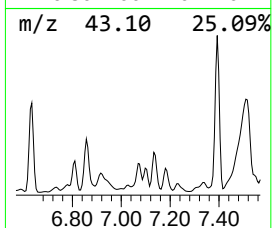
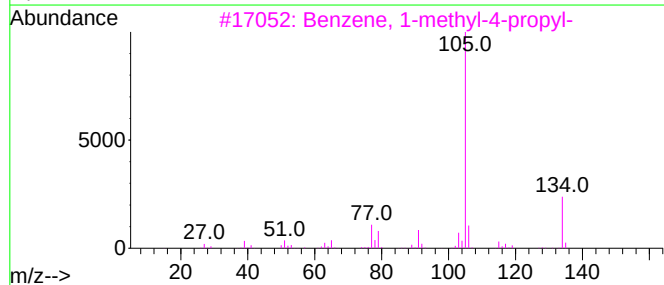
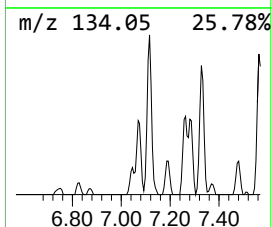
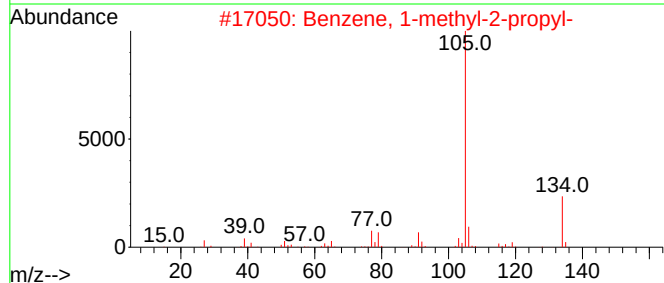
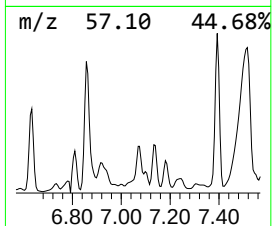
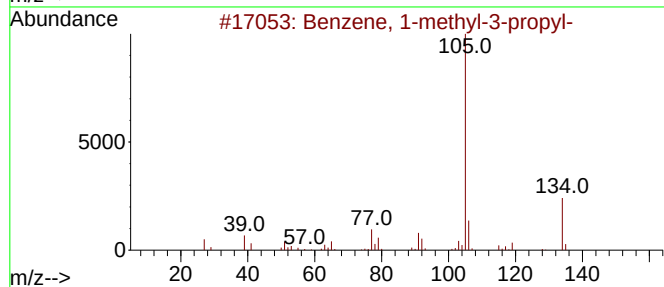
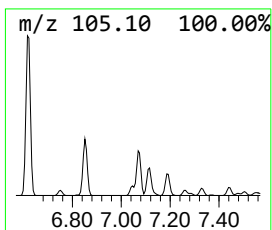
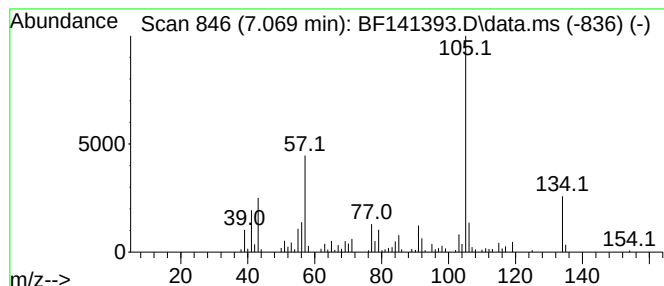
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	5.49 ng	155460	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76



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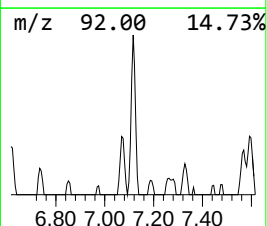
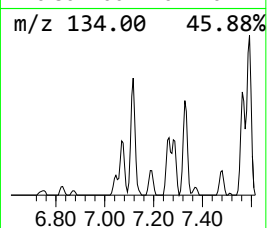
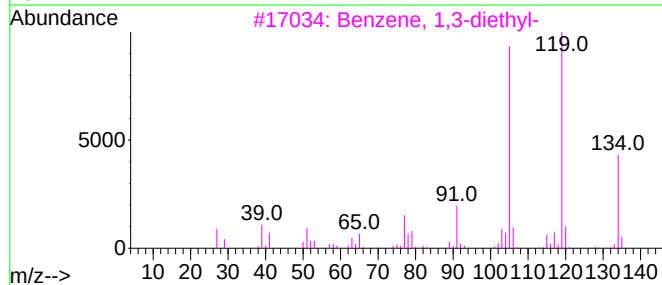
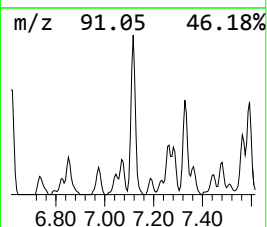
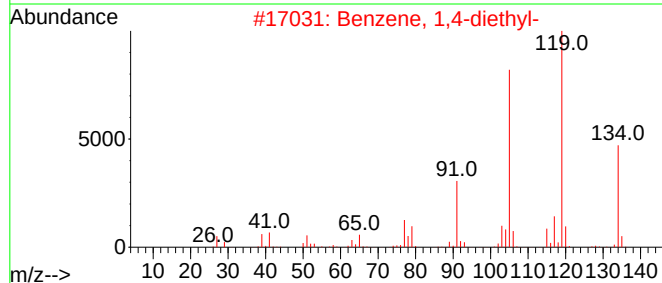
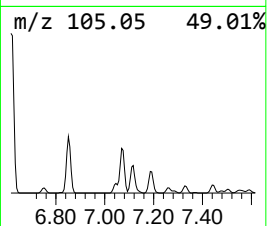
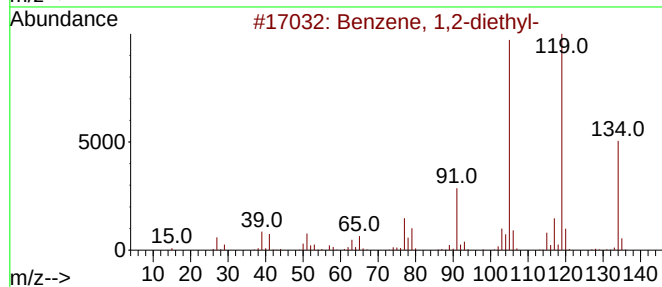
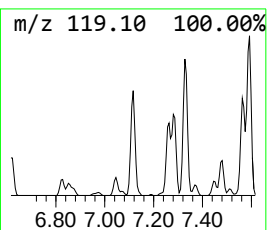
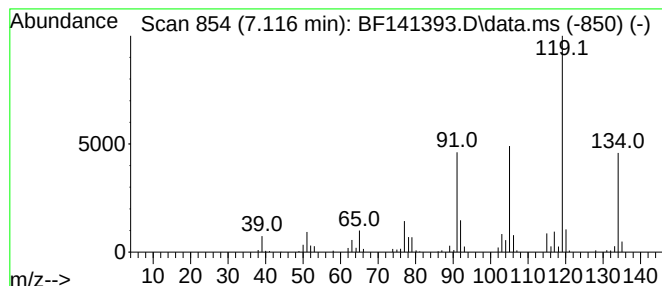
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	6.37 ng	180453	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

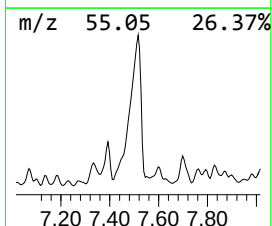
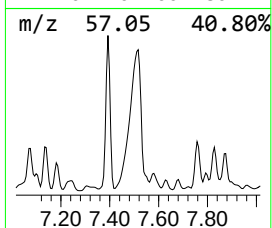
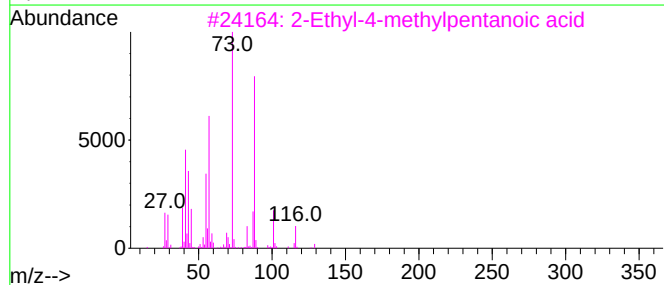
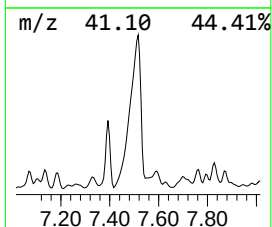
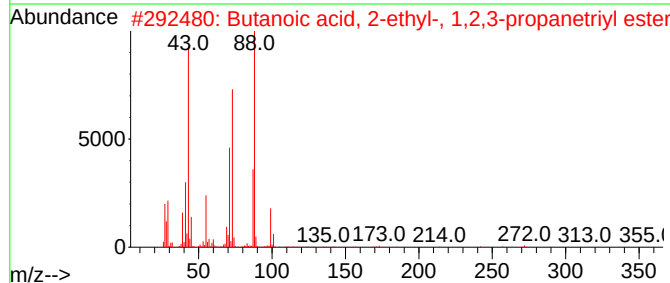
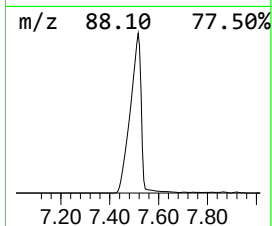
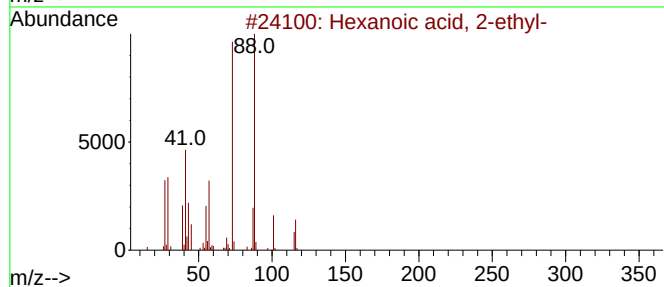
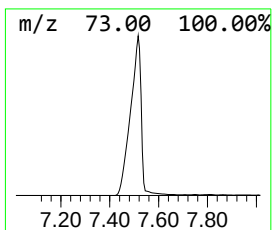
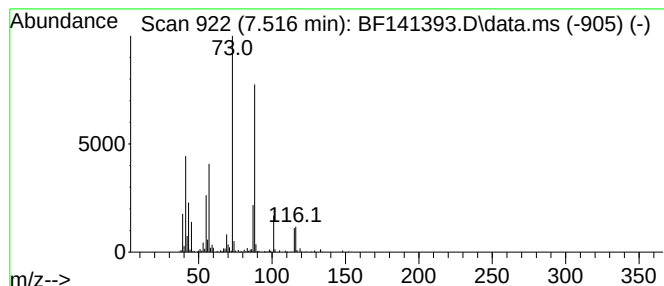
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.516	20.07 ng	1196190	Naphthalene-d8	8.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
3			2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	50
4			Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	50
5			1,4-Dioxane	88	C4H8O2	000123-91-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

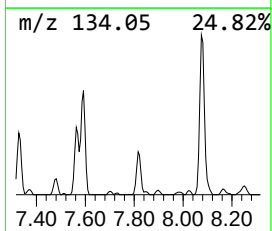
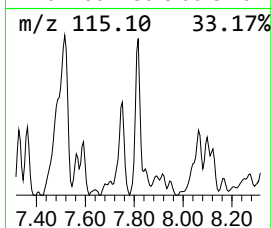
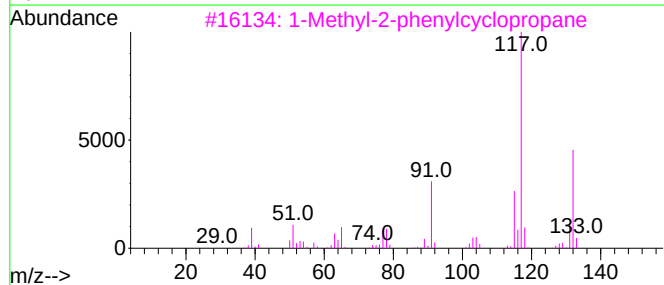
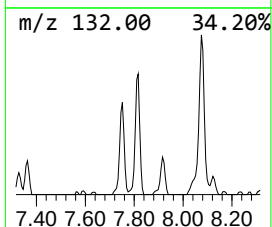
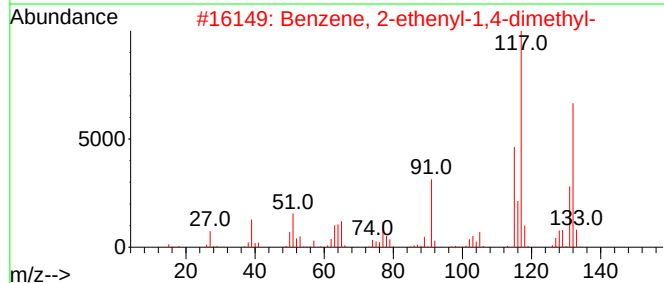
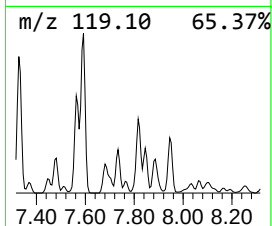
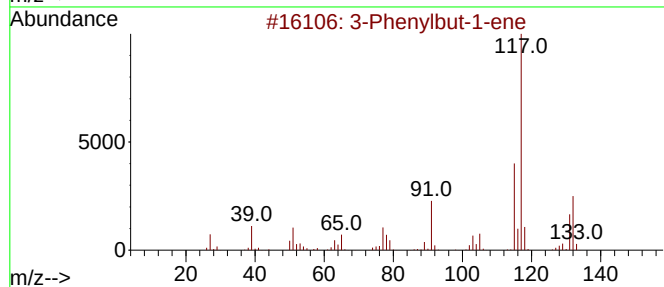
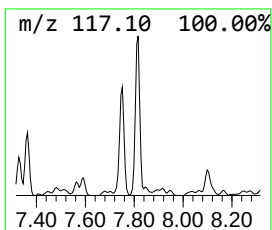
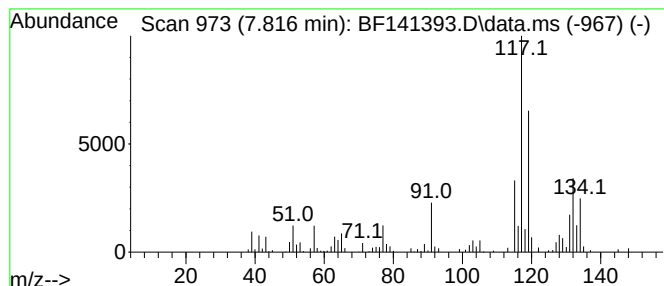
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	4.99 ng	297293	Naphthalene-d8	8.075

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenylbut-1-ene	132	C10H12	000934-10-1	92
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3		1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LAW-25-0015

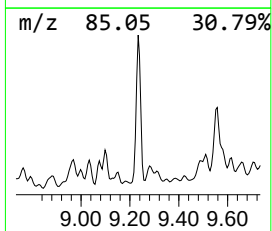
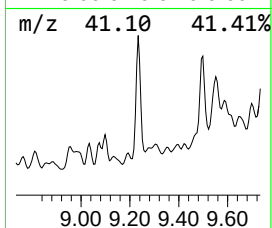
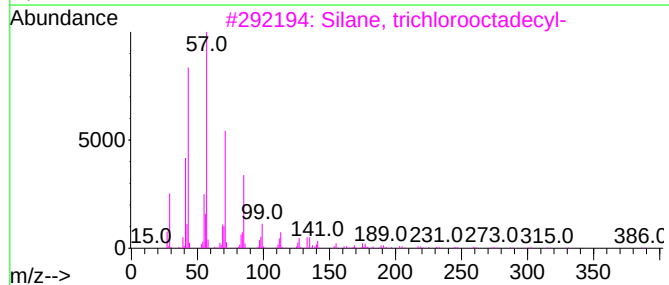
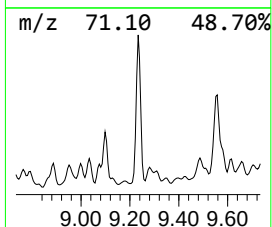
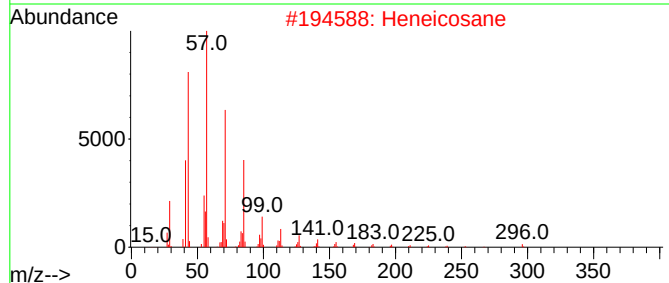
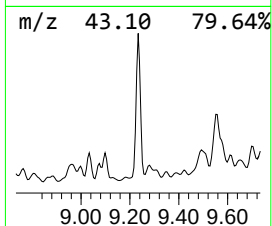
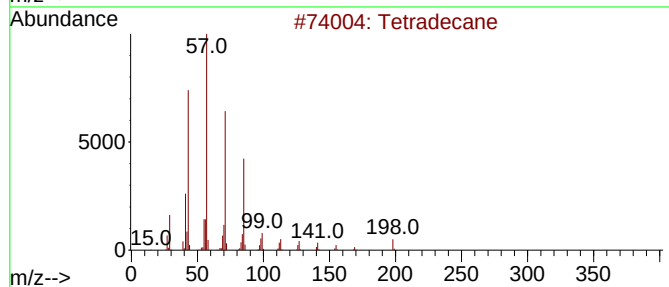
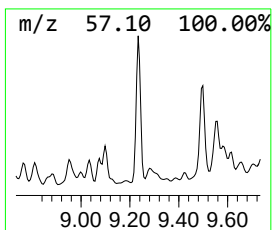
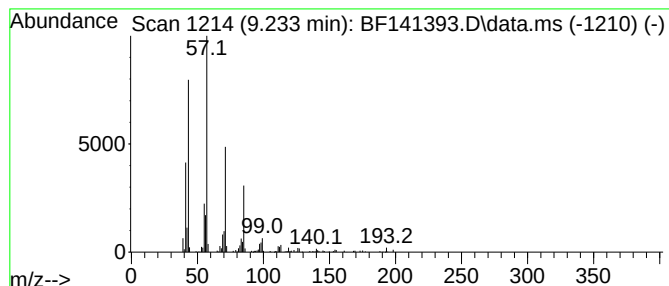
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.233	7.19 ng	254539	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Heneicosane	296	C21H44	000629-94-7	90
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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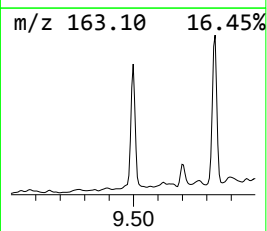
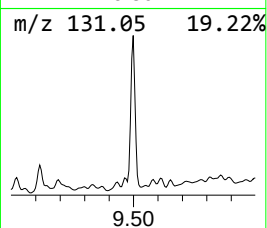
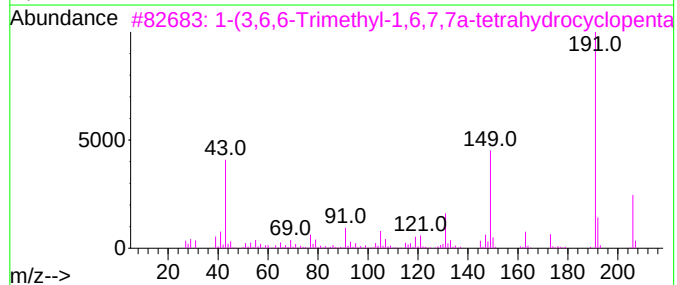
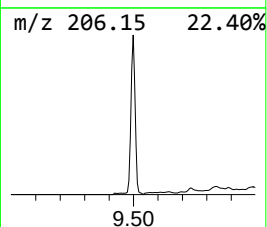
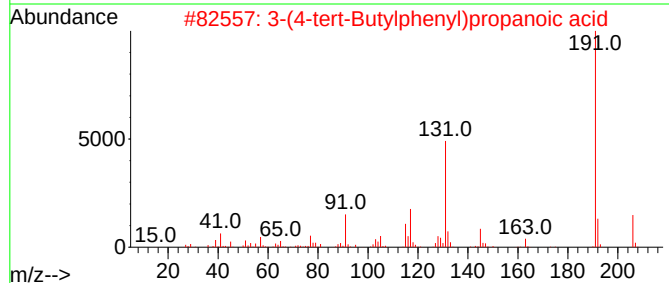
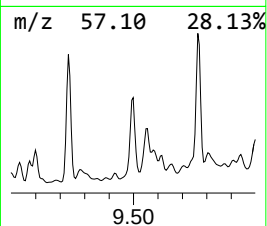
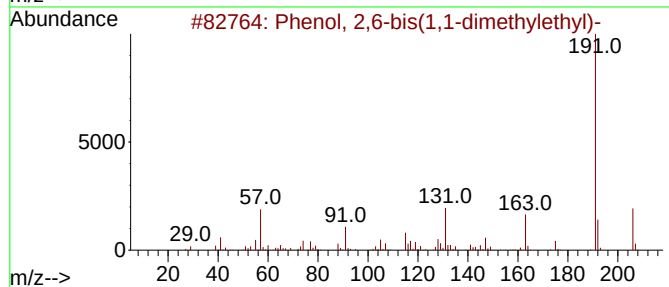
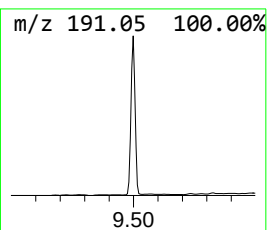
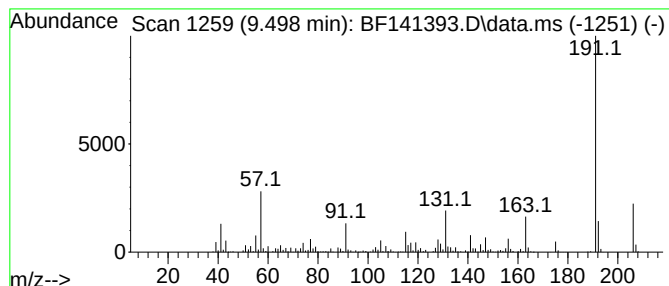
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	17.59 ng	622298	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	98
2			3-(4-tert-Butylphenyl)propanoic ...	206	C13H18O2	001208-64-6	87
3			1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	86
4			2,4-Di-tert-butylphenol	206	C14H22O	000096-76-4	76
5			4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

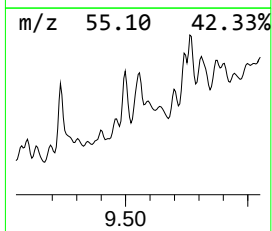
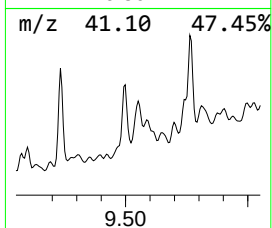
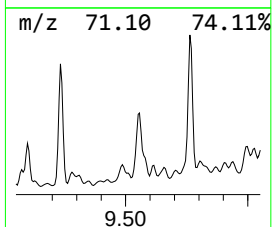
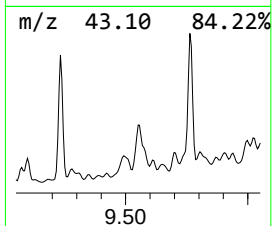
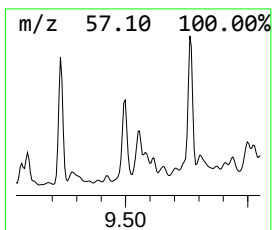
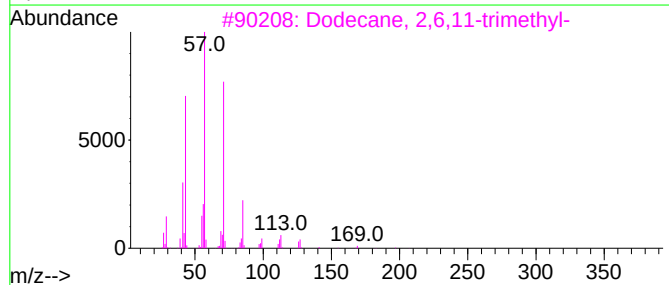
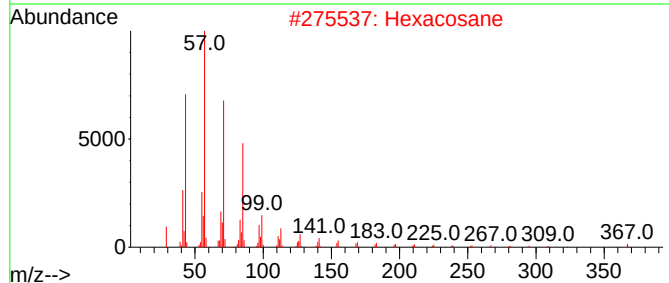
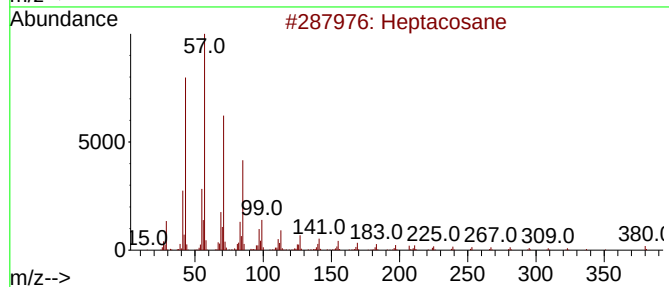
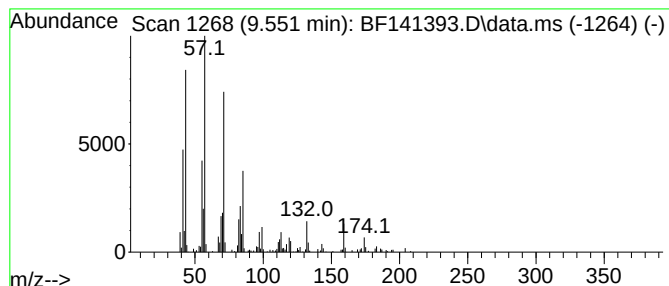
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.551	4.13 ng	146098	Acenaphthene-d10		9.833	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	72
2	Hexacosane		366	C26H54	000630-01-3	72
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	64
5	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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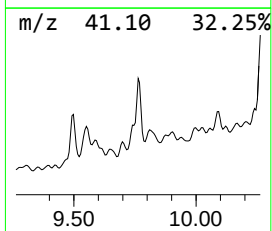
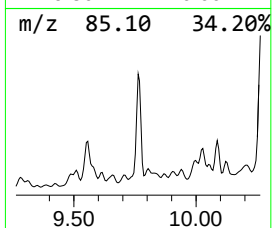
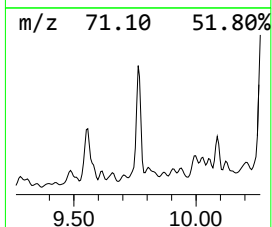
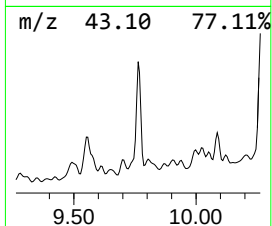
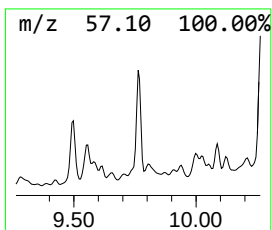
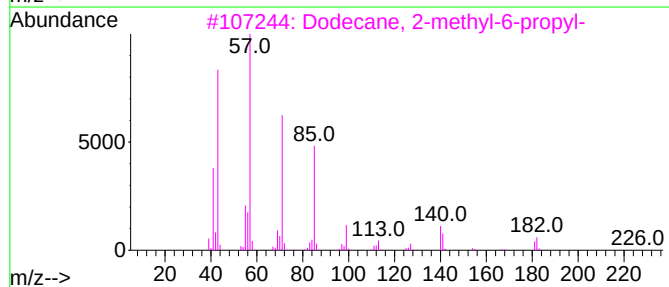
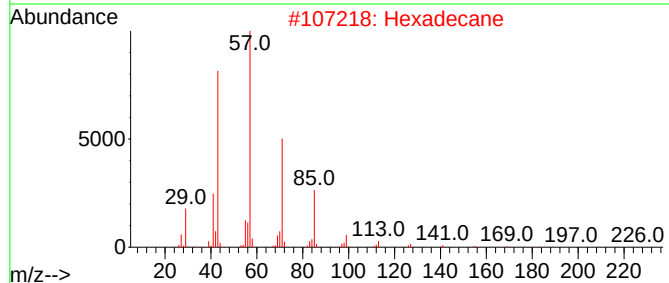
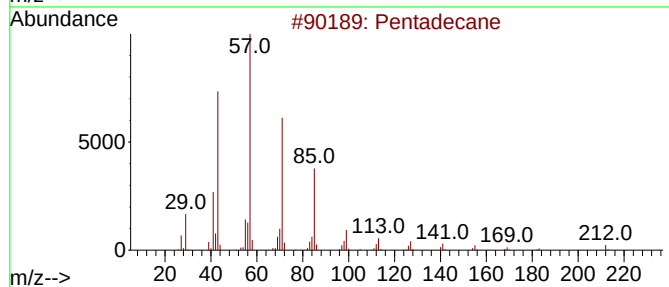
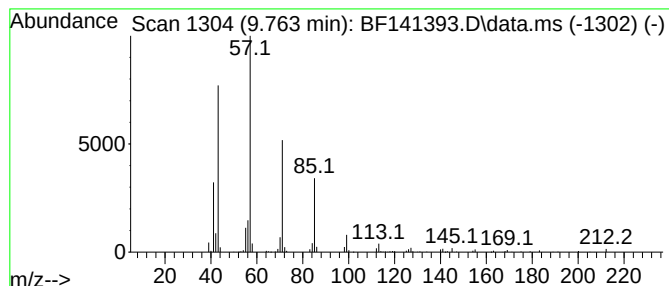
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	5.94 ng	210009	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
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Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

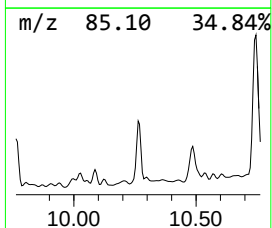
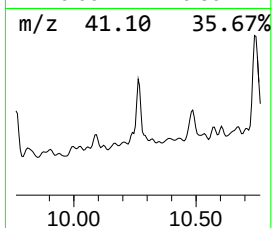
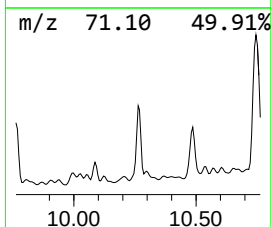
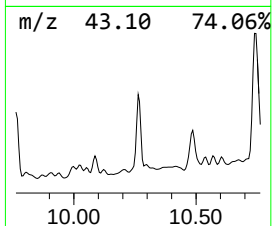
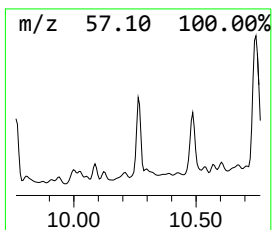
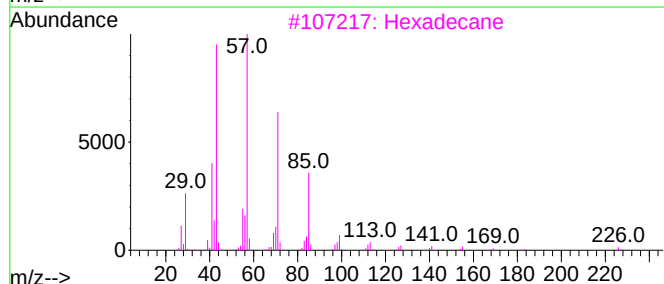
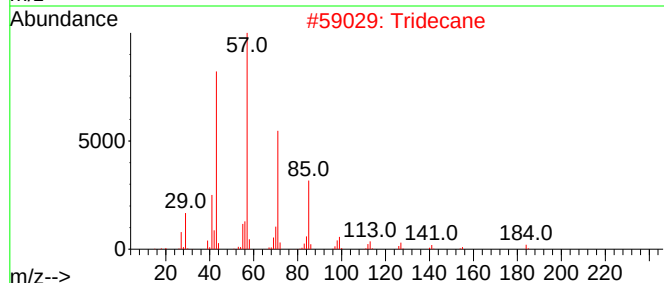
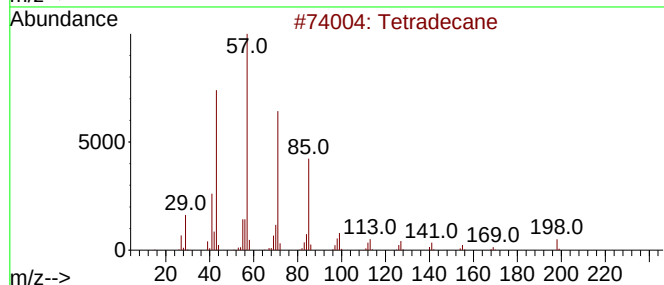
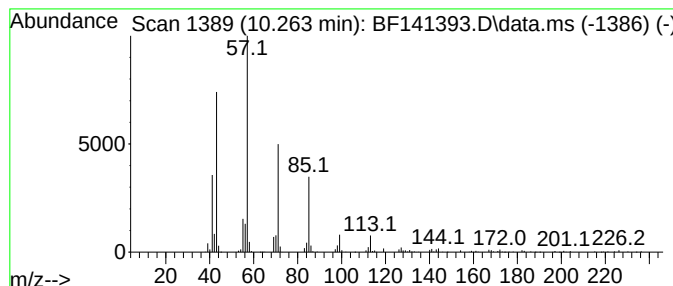
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.263	6.36 ng	225025	Acenaphthene-d10		9.833	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	90
2	Tridecane		184	C13H28	000629-50-5	90
3	Hexadecane		226	C16H34	000544-76-3	87
4	Heptadecane		240	C17H36	000629-78-7	83
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
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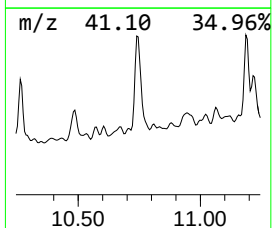
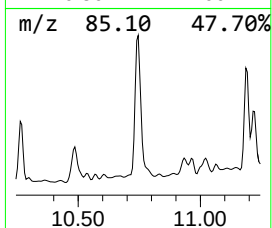
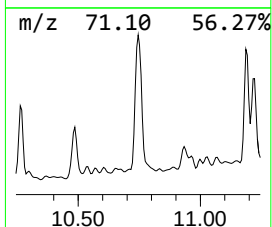
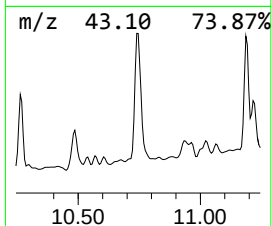
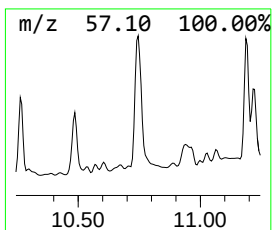
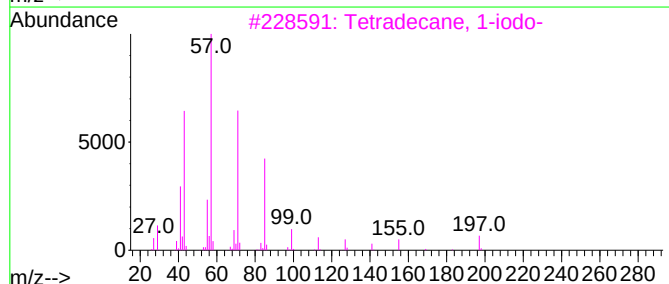
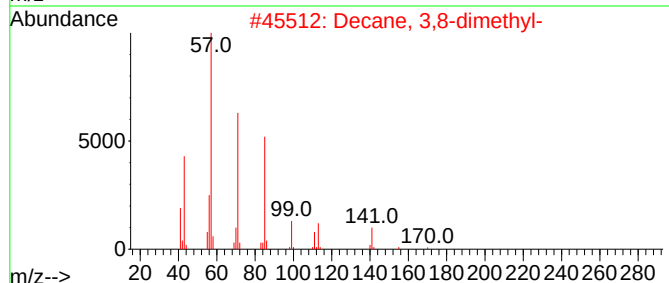
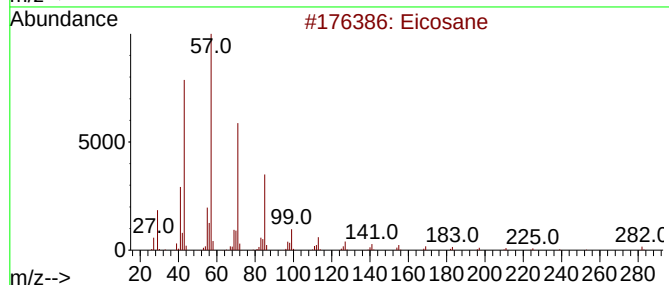
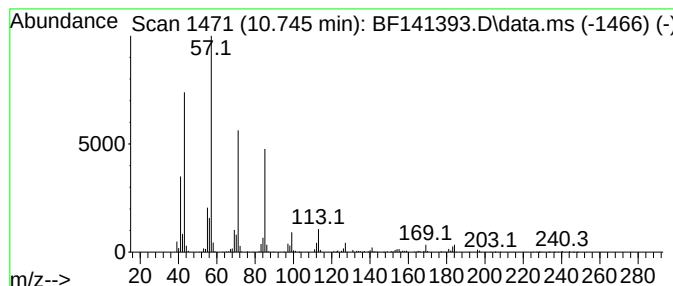
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ClientSampleId :
LAW-25-0015

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.745	26.20 ng	696577	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

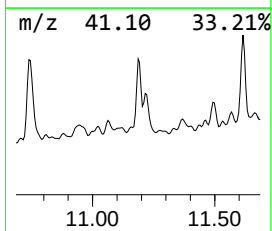
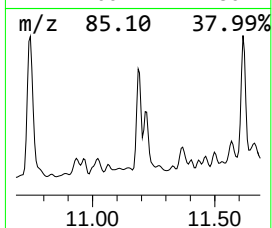
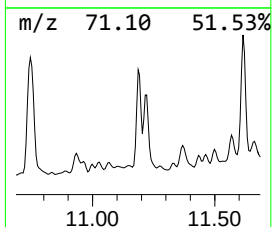
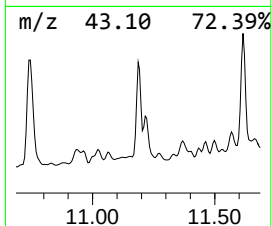
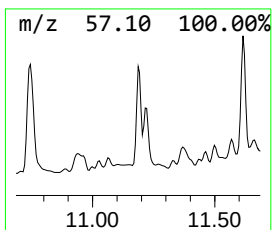
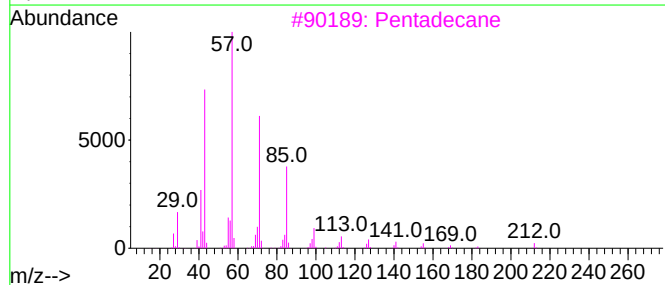
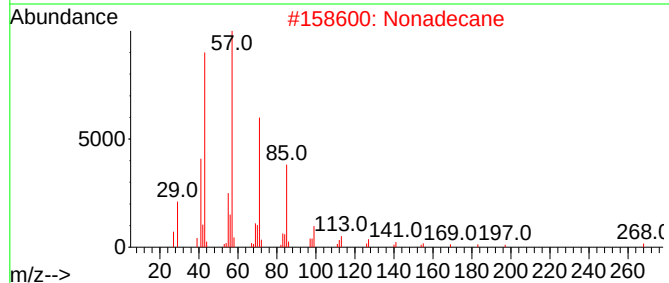
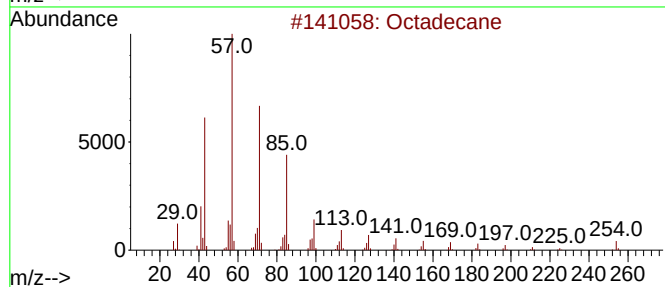
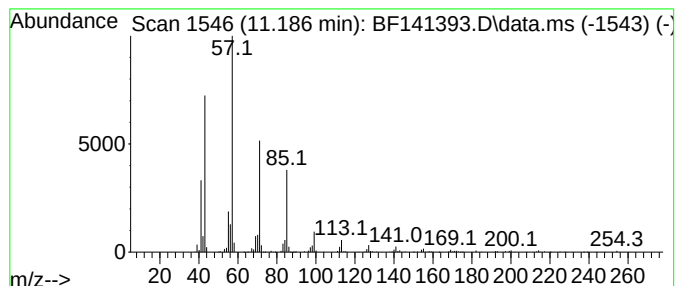
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.186	16.57 ng	440453	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	94
2		Nonadecane	268	C19H40	000629-92-5	87
3		Pentadecane	212	C15H32	000629-62-9	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

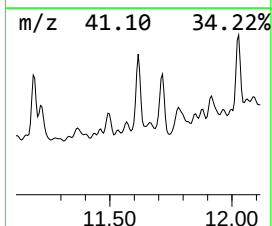
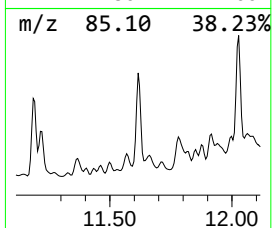
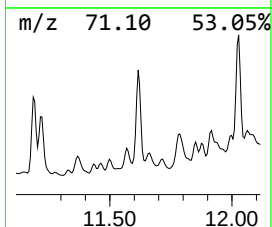
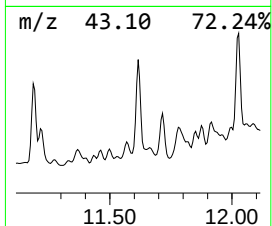
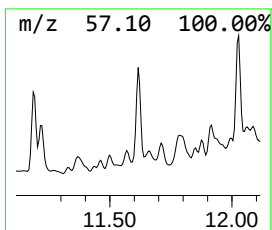
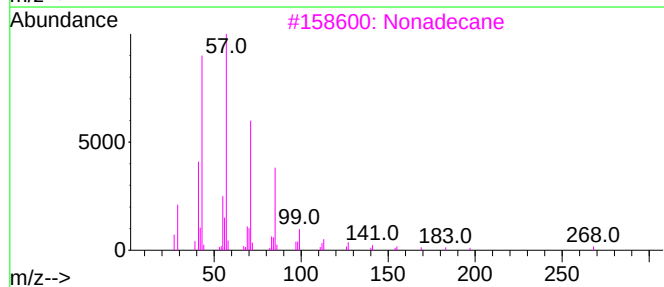
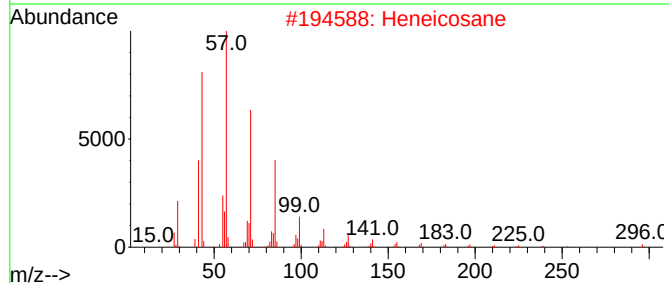
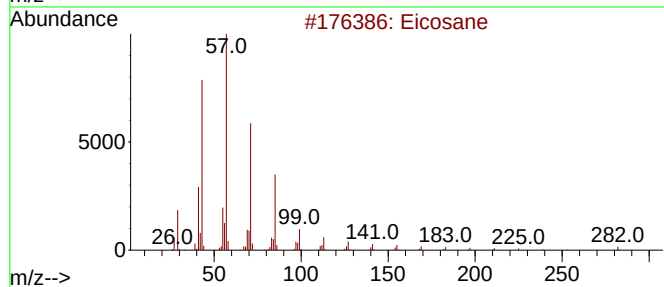
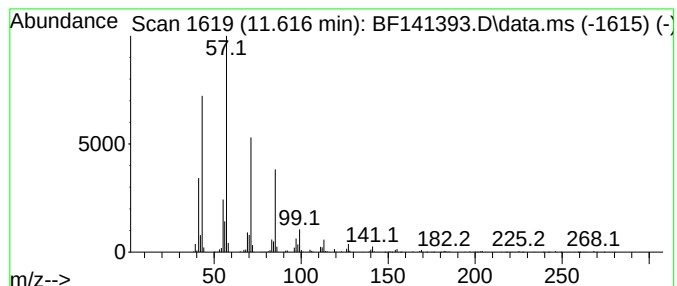
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.616	20.70 ng	550247	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Nonadecane		268	C19H40	000629-92-5	91
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
5	Decane, 1-iodo-		268	C10H21I	002050-77-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LAW-25-0015

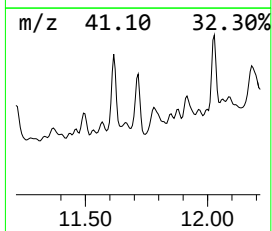
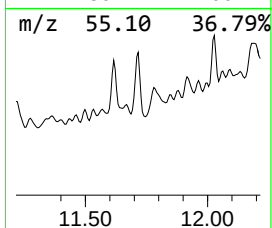
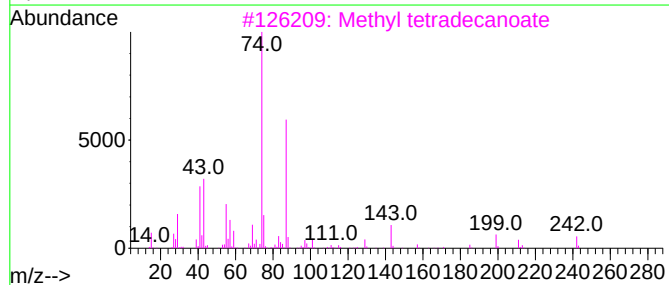
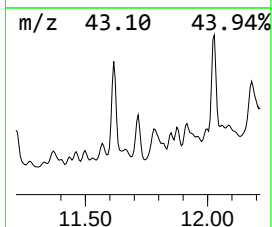
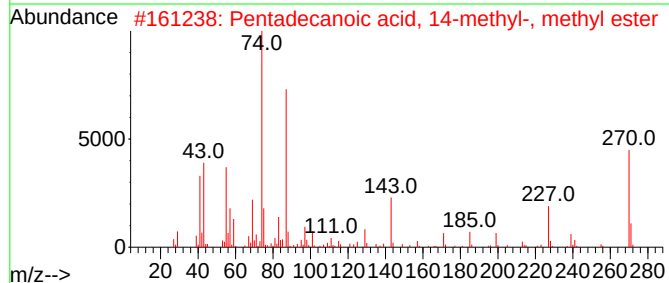
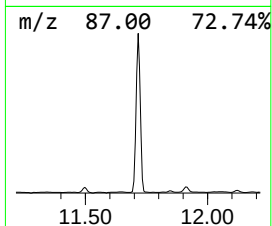
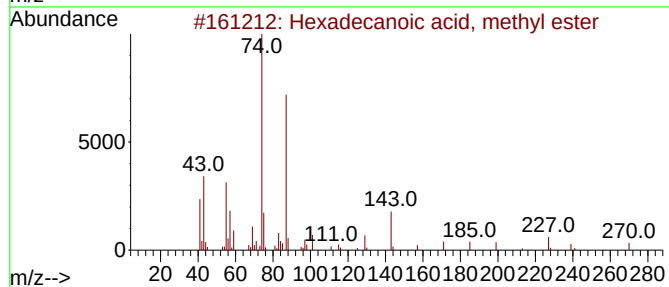
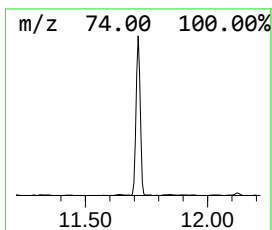
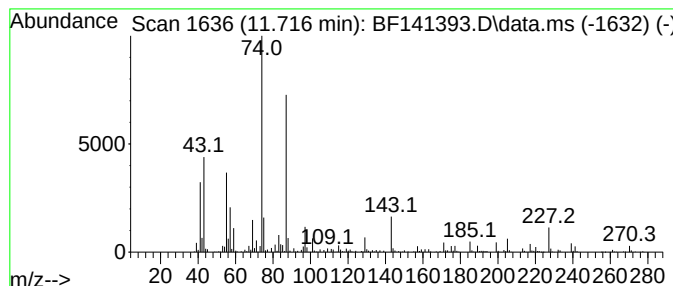
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	23.36 ng	620839	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
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Misc :
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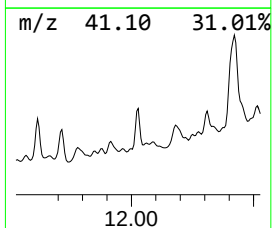
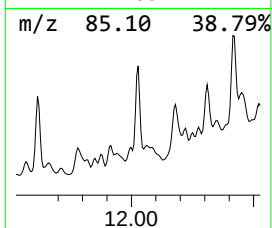
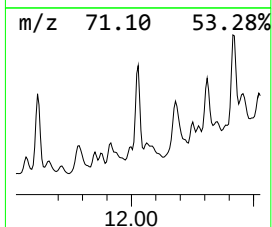
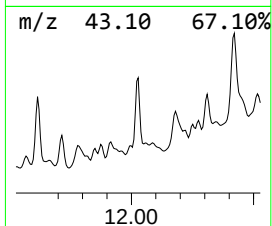
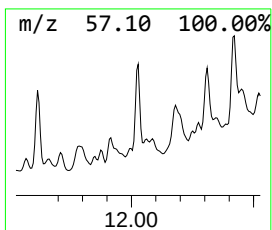
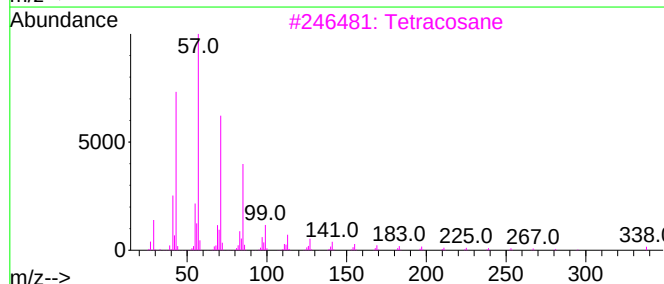
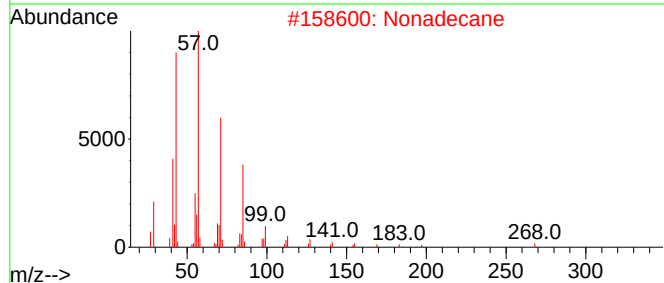
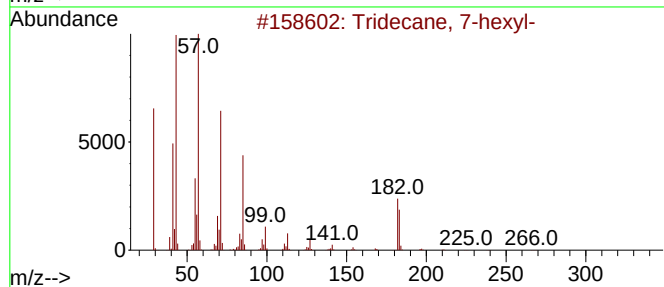
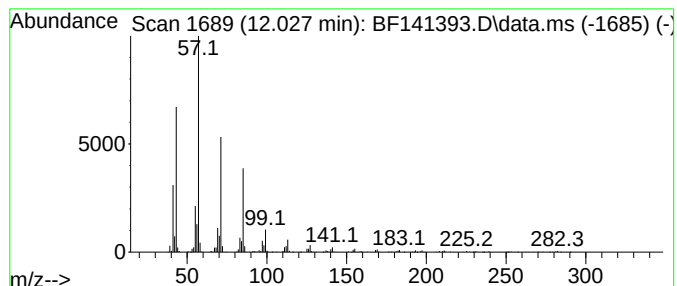
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 7-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.027	21.58 ng	573574	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	96
2	Nonadecane		268	C19H40	000629-92-5	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Hexadecane		226	C16H34	000544-76-3	90
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
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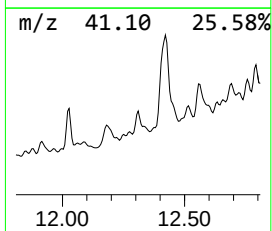
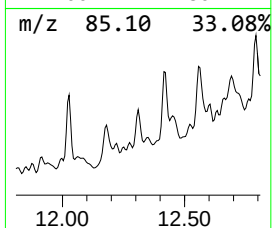
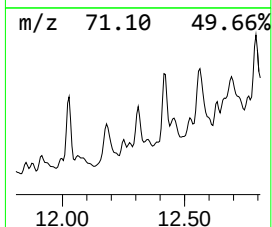
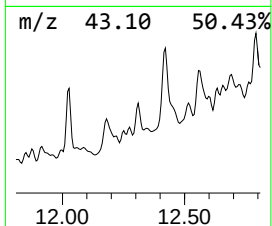
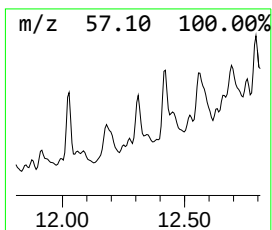
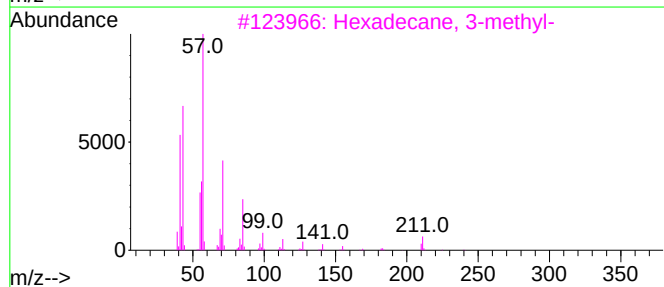
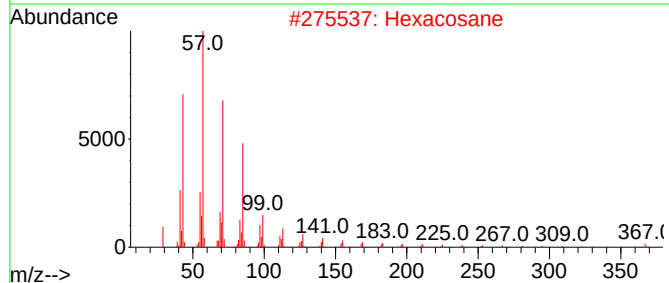
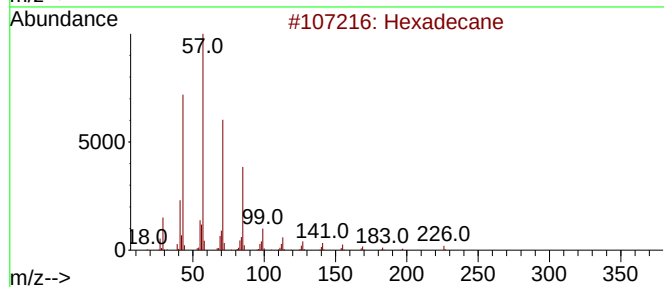
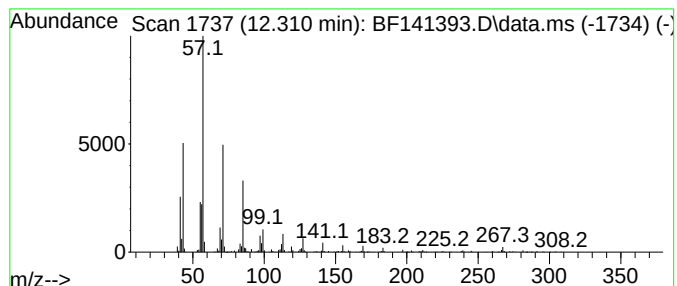
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	14.36 ng	381601	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	86
2		Hexacosane	366	C26H54	000630-01-3	86
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

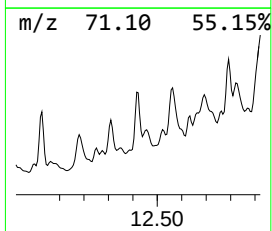
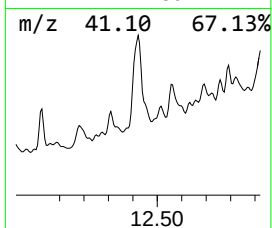
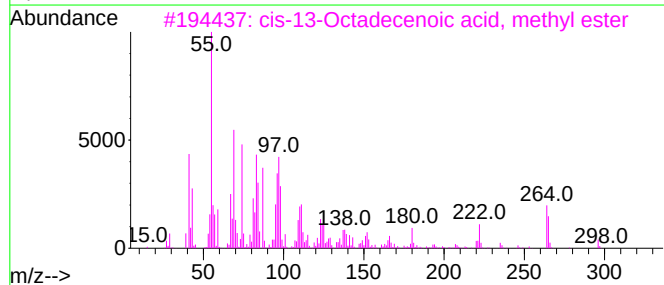
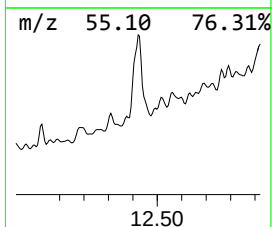
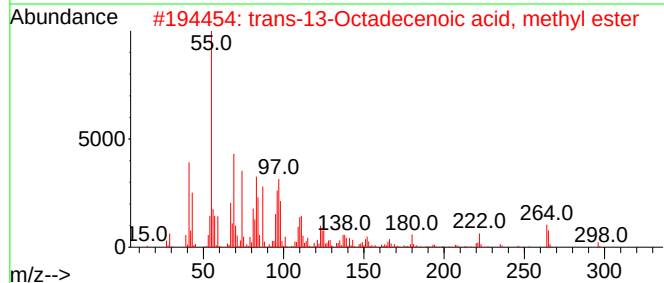
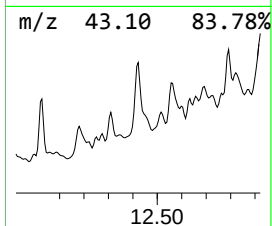
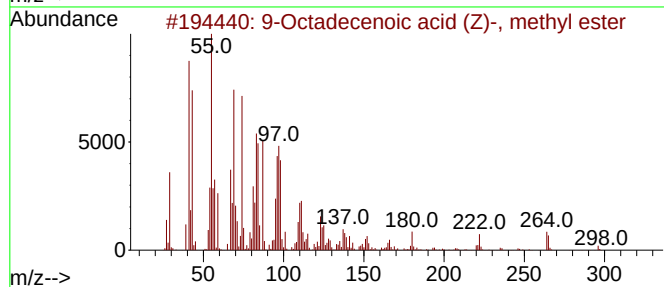
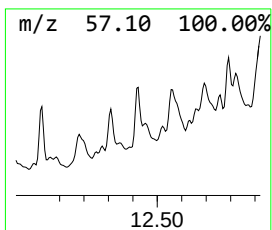
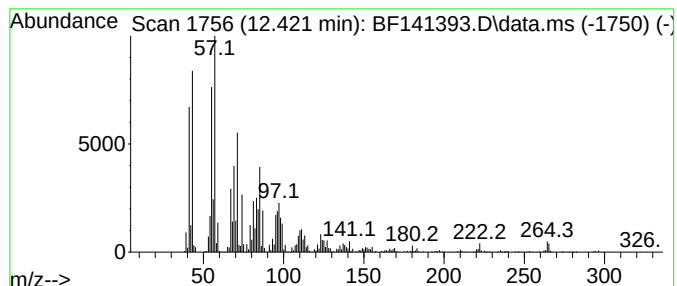
Instrument :
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ClientSampleId :
LAW-25-0015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.422	110.35 ng	2933310	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	96
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	95
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	95
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141393.D
Acq On : 04 Feb 2025 02:09
Operator : RC/JU
Sample : Q1219-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

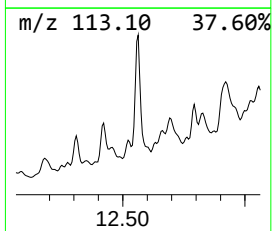
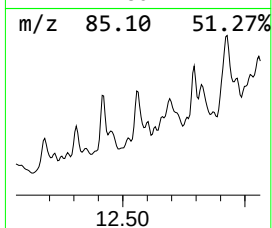
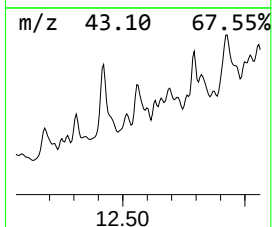
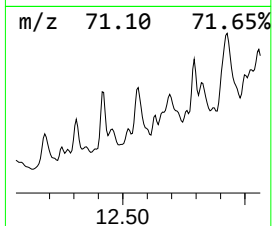
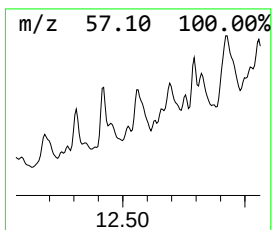
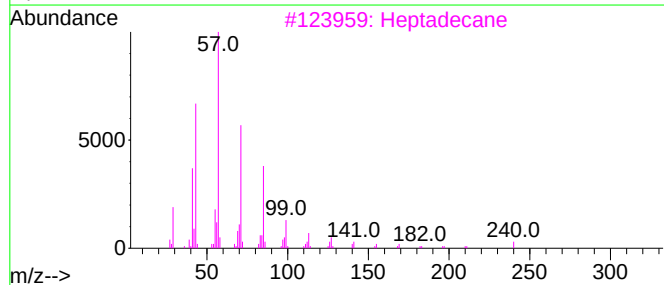
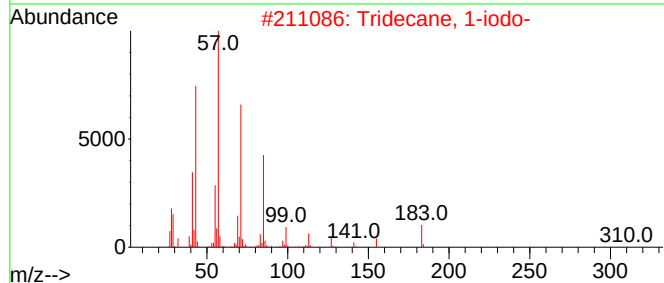
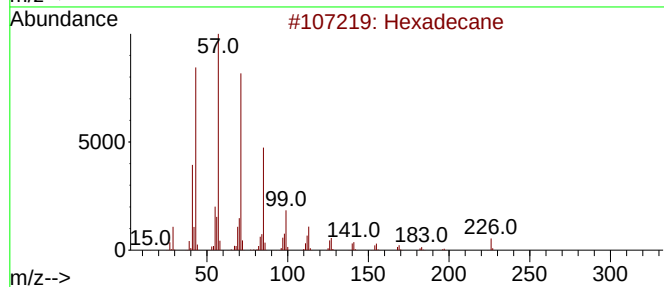
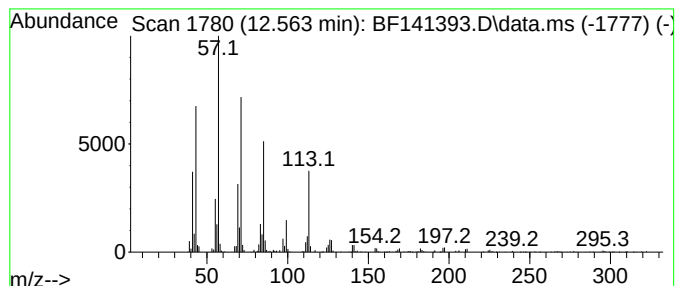
Instrument :
BNA_F
ClientSampleId :
LAW-25-0015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.563	18.93 ng	503199	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	83
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	81
3	Heptadecane		240	C17H36	000629-78-7	80
4	Pentadecane		212	C15H32	000629-62-9	72
5	Eicosane		282	C20H42	000112-95-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141393.D
 Acq On : 04 Feb 2025 02:09
 Operator : RC/JU
 Sample : Q1219-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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
unknown2.316	2.316	9.3	ng	263137	1	6.798	566289	20.0
Benzene, 1,2,3-...	6.622	12.3	ng	348931	1	6.798	566289	20.0
unknown6.857	6.857	6.5	ng	185279	1	6.798	566289	20.0
Benzene, 1-meth...	7.069	5.5	ng	155460	1	6.798	566289	20.0
Benzene, 1,2-di...	7.116	6.4	ng	180453	1	6.798	566289	20.0
Hexanoic acid, ...	7.516	20.1	ng	1196190	2	8.075	1191870	20.0
3-Phenylbut-1-ene	7.816	5.0	ng	297293	2	8.075	1191870	20.0
Tetradecane	9.233	7.2	ng	254539	3	9.833	707614	20.0
Phenol, 2,6-bis...	9.498	17.6	ng	622298	3	9.833	707614	20.0
Heptacosane	9.551	4.1	ng	146098	3	9.833	707614	20.0
Pentadecane	9.763	5.9	ng	210009	3	9.833	707614	20.0
Tridecane	10.263	6.4	ng	225025	3	9.833	707614	20.0
Eicosane	10.745	26.2	ng	696577	4	11.316	531637	20.0
Octadecane	11.186	16.6	ng	440453	4	11.316	531637	20.0
Heneicosane	11.616	20.7	ng	550247	4	11.316	531637	20.0
Hexadecanoic ac...	11.716	23.4	ng	620839	4	11.316	531637	20.0
Tridecane, 7-he...	12.027	21.6	ng	573574	4	11.316	531637	20.0
Hexadecane	12.310	14.4	ng	381601	4	11.316	531637	20.0
9-Octadecenoic ...	12.422	110.3	ng	2933310	4	11.316	531637	20.0
Tridecane, 1-iodo-	12.563	18.9	ng	503199	4	11.316	531637	20.0