

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135640.D
 Acq On : 06 Oct 2023 21:05
 Operator : CG\JU
 Sample : 04769-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-10-4-2023

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135640.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	485	488	501	rBV	224212	282446	2.50%	0.563%
2	5.369	555	558	586	rBV	1822281	2115594	18.75%	4.219%
3	6.387	728	731	748	rBV	2091913	2152928	19.08%	4.293%
4	6.740	788	791	797	rVB	1116133	905028	8.02%	1.805%
5	7.304	884	887	890	rBV	1483741	1246875	11.05%	2.486%
6	7.328	890	891	895	rVB	208664	152254	1.35%	0.304%
7	7.651	937	946	948	rBV7	67093	120482	1.07%	0.240%
8	7.998	1002	1005	1006	rVV	459119	382391	3.39%	0.763%
9	8.016	1006	1008	1012	rVV	1308750	1140359	10.11%	2.274%
10	8.075	1014	1018	1021	rVB2	141261	180022	1.60%	0.359%
11	8.304	1053	1057	1064	rBV4	126953	222819	1.97%	0.444%
12	8.392	1070	1072	1076	rBV3	121184	115547	1.02%	0.230%
13	8.434	1076	1079	1081	rBV2	178930	169346	1.50%	0.338%
14	8.522	1090	1094	1096	rBV2	150576	139713	1.24%	0.279%
15	8.610	1105	1109	1112	rBV	658334	555151	4.92%	1.107%
16	8.704	1122	1125	1128	rVB4	106993	125751	1.11%	0.251%
17	8.839	1145	1148	1150	rBV2	181417	132100	1.17%	0.263%
18	8.975	1167	1171	1174	rVB4	128748	164296	1.46%	0.328%
19	9.039	1179	1182	1184	rVV2	231644	191510	1.70%	0.382%
20	9.092	1188	1191	1195	rBV	1968292	1751810	15.53%	3.493%
21	9.175	1201	1205	1209	rBV	931146	768837	6.81%	1.533%
22	9.245	1214	1217	1220	rVB3	130171	130741	1.16%	0.261%
23	9.433	1246	1249	1251	rVV	129165	166821	1.48%	0.333%
24	9.492	1254	1259	1261	rVV4	354276	434986	3.86%	0.867%
25	9.516	1261	1263	1267	rVV3	199836	232103	2.06%	0.463%
26	9.557	1267	1270	1272	rVB2	185077	162216	1.44%	0.323%
27	9.704	1292	1295	1299	rVB	935845	774195	6.86%	1.544%
28	9.775	1303	1307	1310	rVB	1184996	992637	8.80%	1.979%
29	9.939	1331	1335	1337	rBV2	111067	163071	1.45%	0.325%
30	10.028	1346	1350	1353	rBV4	233195	248516	2.20%	0.496%
31	10.210	1377	1381	1383	rVV	899170	743014	6.59%	1.482%
32	10.428	1413	1418	1421	rBV	311917	387818	3.44%	0.773%
33	10.510	1430	1432	1435	rBV2	114527	122928	1.09%	0.245%
34	10.545	1435	1438	1440	rVV2	127352	119019	1.05%	0.237%
35	10.569	1440	1442	1453	rVB	1023700	930281	8.25%	1.855%
36	10.680	1458	1461	1470	rVB	916658	1098721	9.74%	2.191%

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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	11.133	1535	1538	1540	rBV	762146	596587	5.29%	1.190%
38	11.163	1540	1543	1549	rVB	286587	315198	2.79%	0.629%
39	11.269	1558	1561	1564	rBV	1049102	866342	7.68%	1.728%
40	11.563	1608	1611	1614	rBV	591244	482924	4.28%	0.963%
41	11.669	1625	1629	1632	rVB	4111256	3530858	31.29%	7.041%
42	11.810	1649	1653	1659	rBV	346187	434528	3.85%	0.866%
43	11.969	1677	1680	1685	rBV	459322	415443	3.68%	0.828%
44	12.369	1742	1748	1750	rBV	6921675	11282933	100.00%	22.499%
45	12.392	1750	1752	1757	rVB2	6646324	6189928	54.86%	12.343%
46	12.463	1761	1764	1767	rBV	2102377	1825409	16.18%	3.640%
47	12.504	1767	1771	1773	rBV2	640967	750170	6.65%	1.496%
48	12.739	1807	1811	1814	rVB2	257851	295550	2.62%	0.589%
49	12.863	1829	1832	1836	rVB	1491530	1370348	12.15%	2.733%
50	13.098	1869	1872	1873	rBV	211783	200601	1.78%	0.400%
51	13.192	1885	1888	1891	rVB	208588	159510	1.41%	0.318%
52	13.439	1927	1930	1933	rVB	161176	141493	1.25%	0.282%
53	13.863	2000	2002	2008	rVB	211611	216732	1.92%	0.432%
54	13.927	2010	2013	2017	rBV	667753	671648	5.95%	1.339%
55	14.092	2038	2041	2049	rVB2	96157	117369	1.04%	0.234%
56	15.398	2259	2263	2268	rBV	435214	563281	4.99%	1.123%

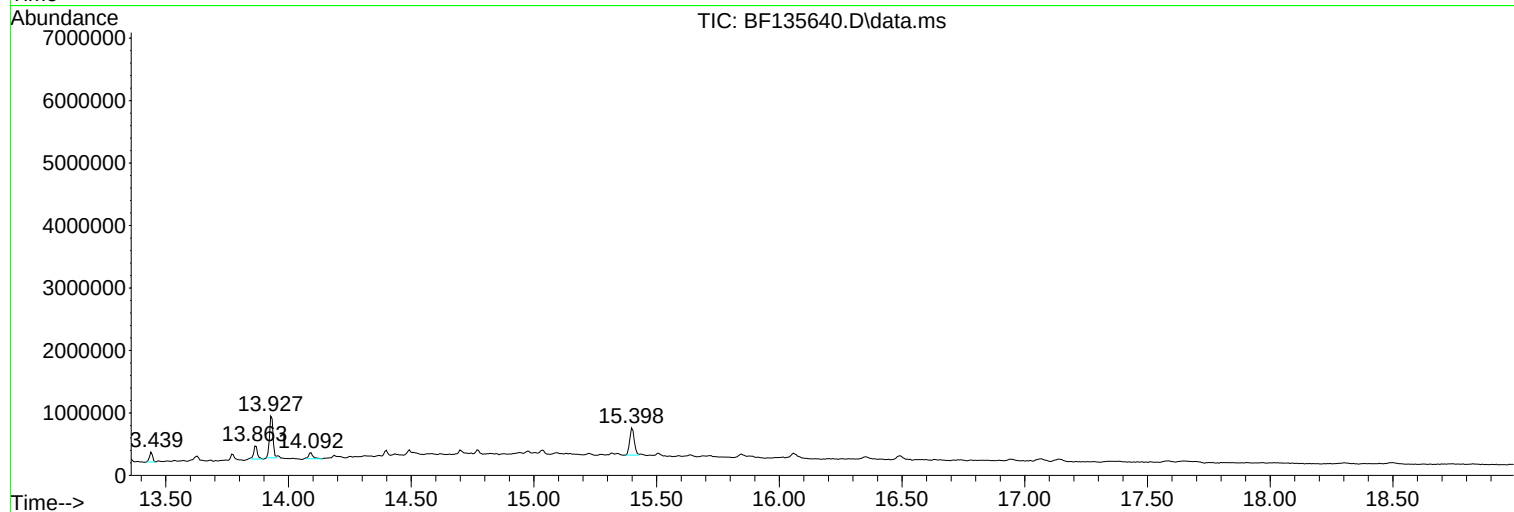
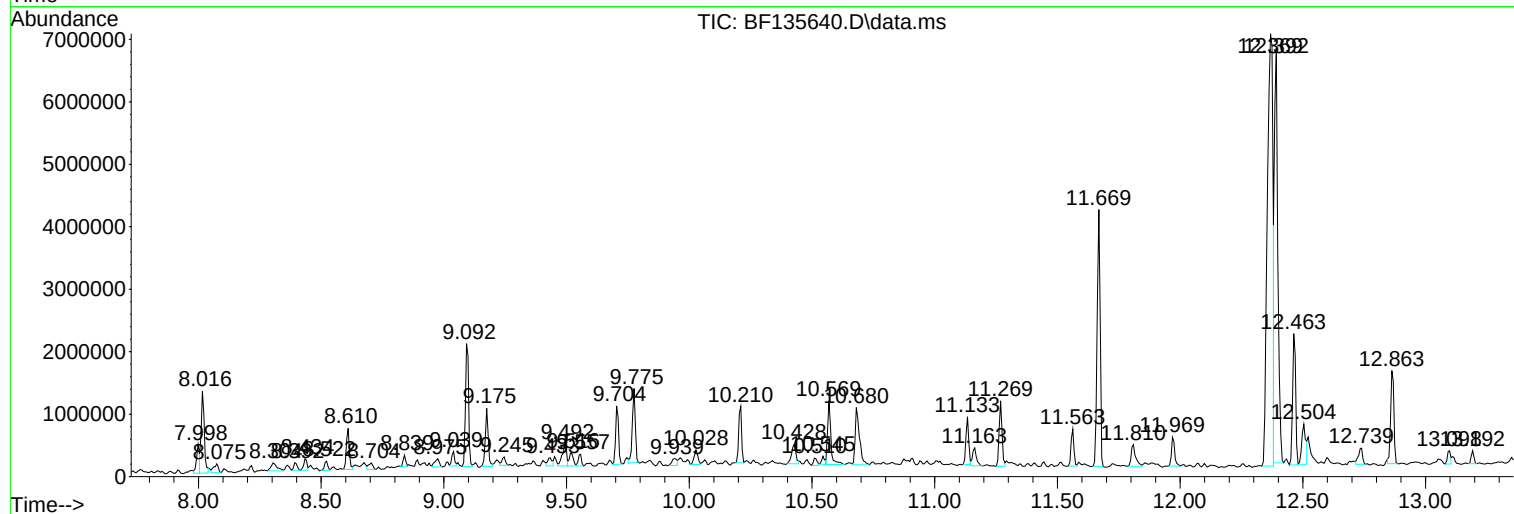
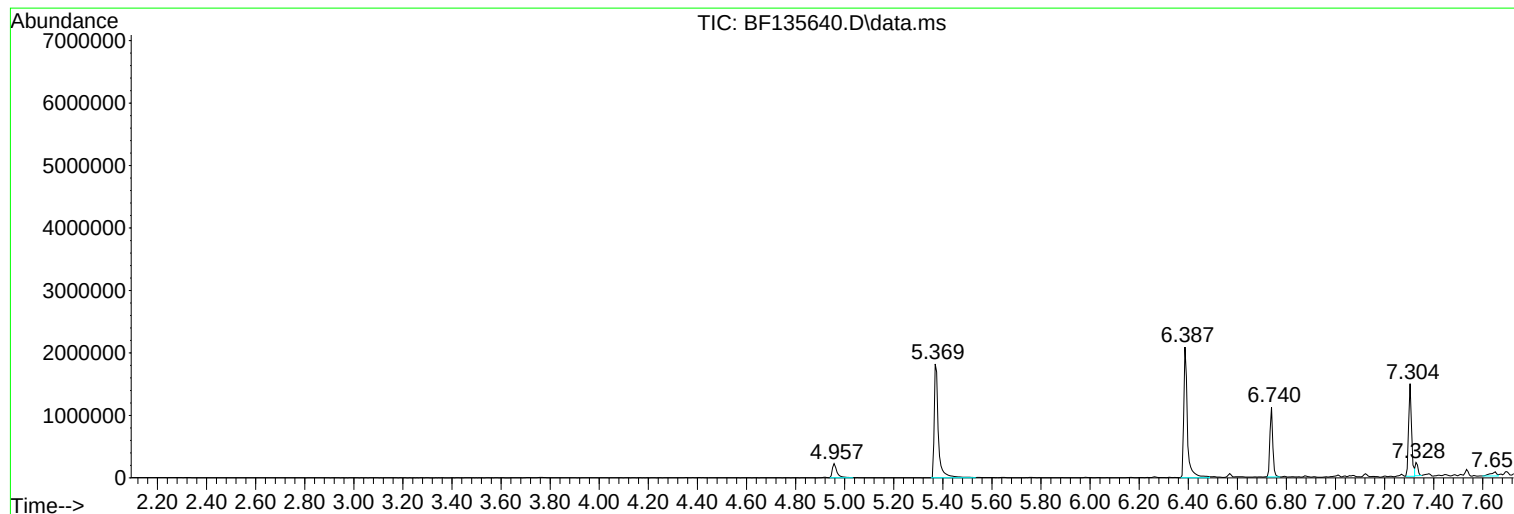
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-10-4-2023

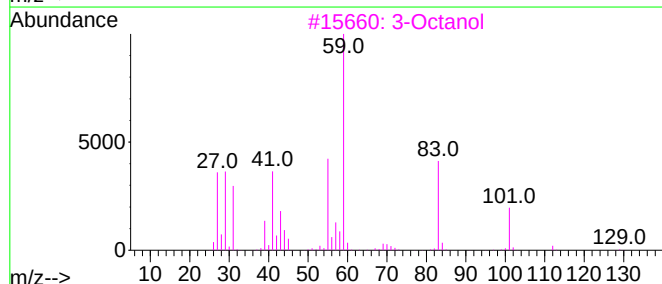
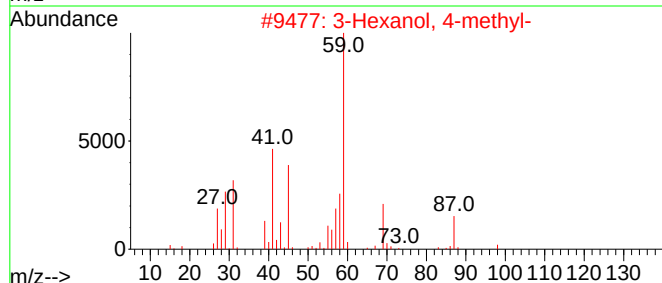
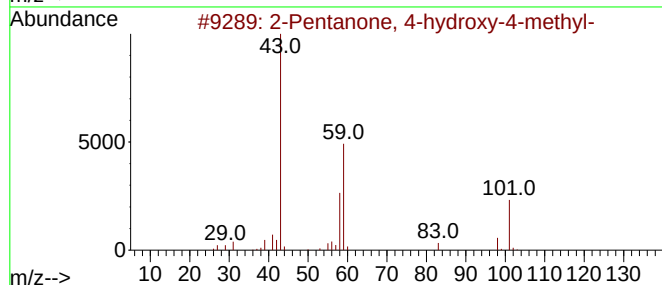
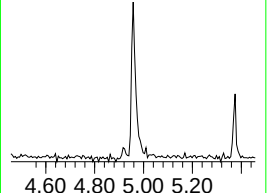
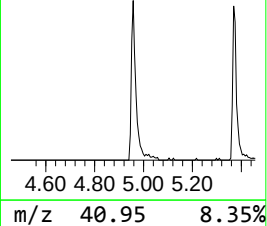
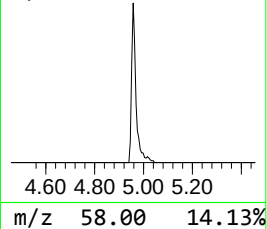
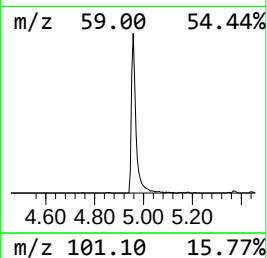
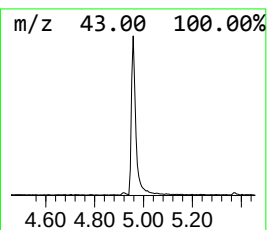
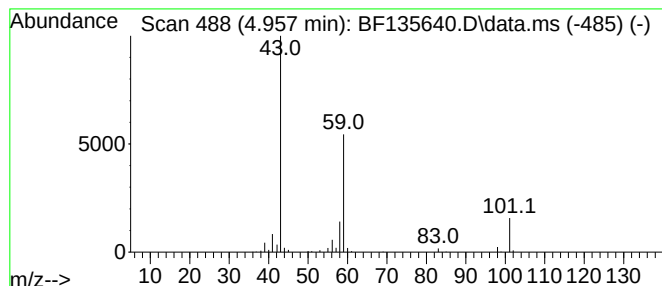
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	6.24 ng	282446	1,4-Dichlorobenzene-d4	6.740

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-Octanol	130	C8H18O	000589-98-0	33		
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9		



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Misc :
ALS Vial : 22 Sample Multiplier: 1

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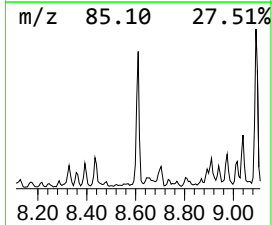
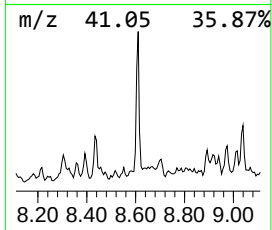
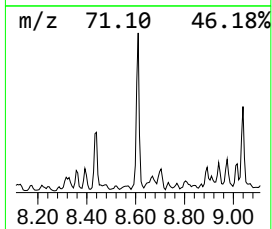
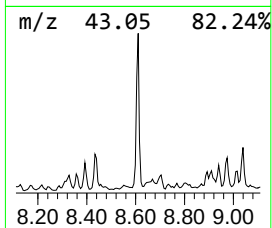
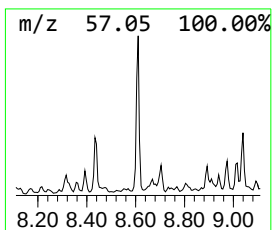
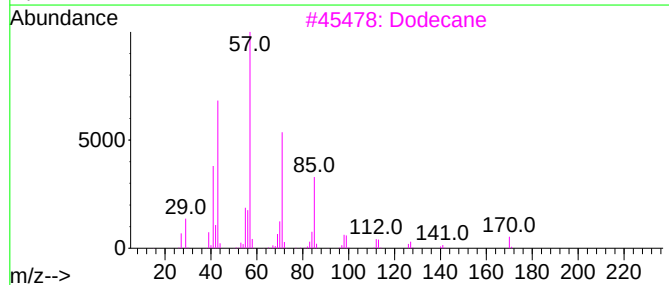
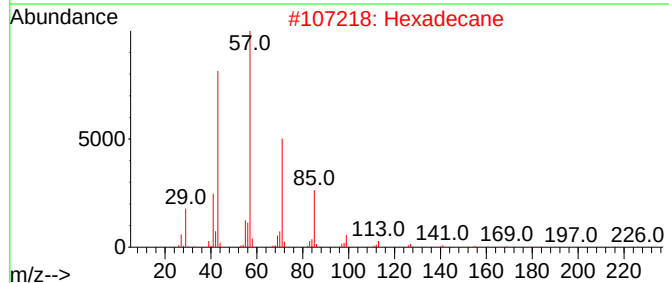
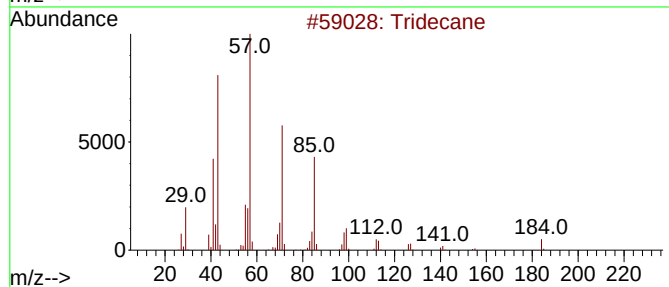
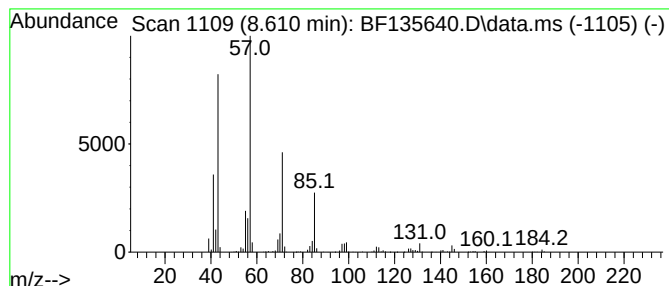
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	9.74 ng	555151	Naphthalene-d8	8.016

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane	170	C12H26	000112-40-3	78
4		Tetradecane	198	C14H30	000629-59-4	72
5		Triacontane	422	C30H62	000638-68-6	64



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ALS Vial : 22 Sample Multiplier: 1

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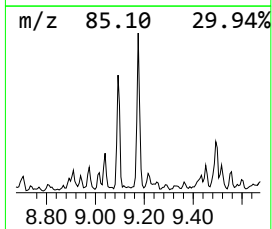
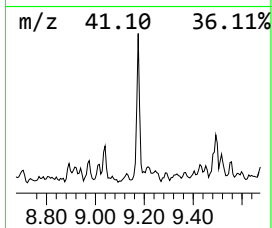
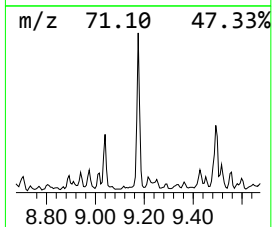
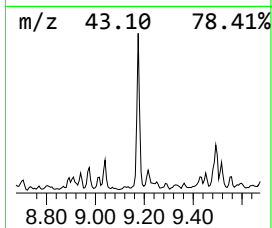
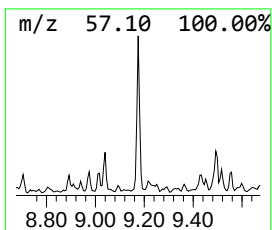
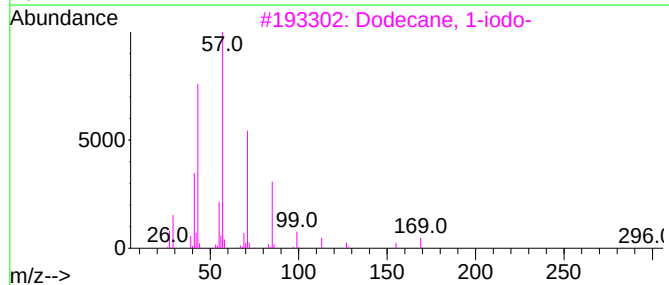
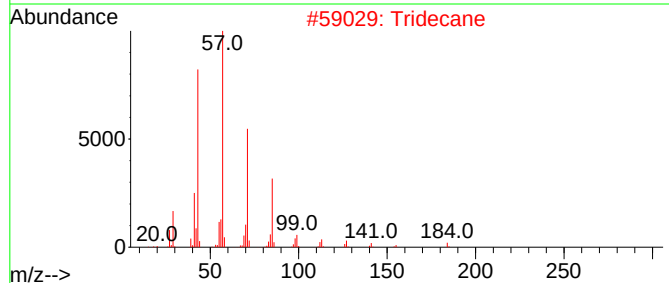
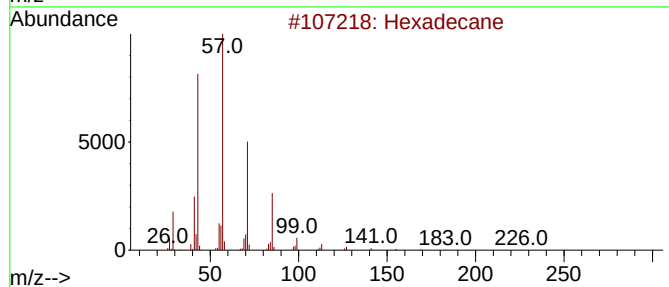
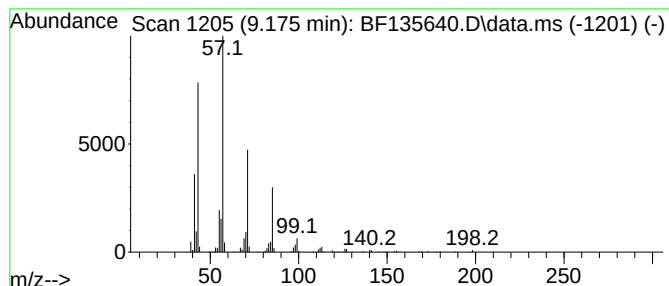
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	15.49 ng	768837	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	86
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			Dodecane	170	C12H26	000112-40-3	80
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



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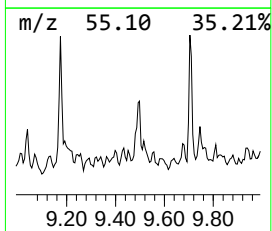
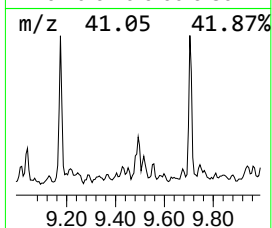
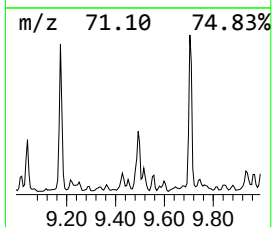
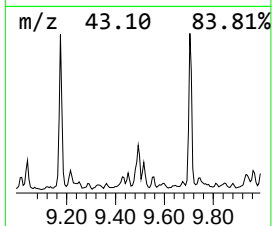
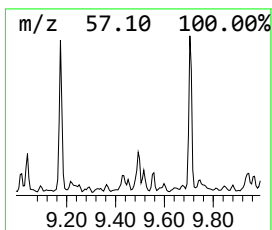
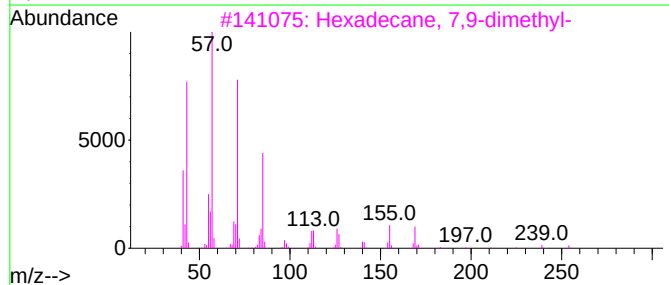
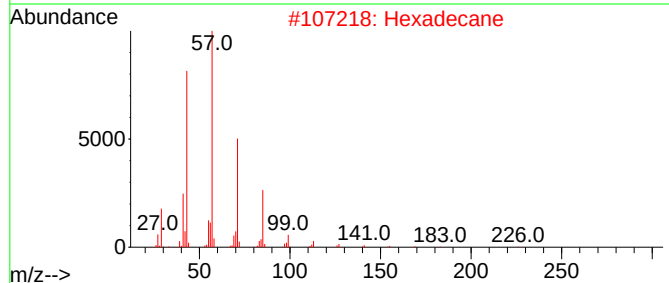
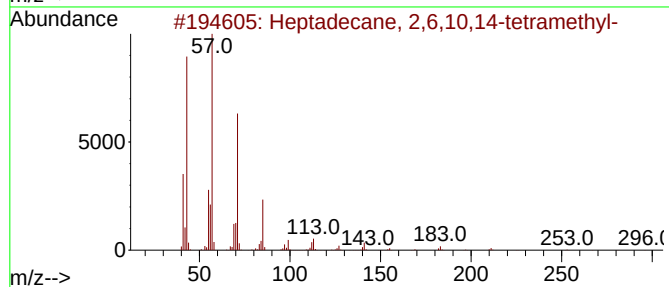
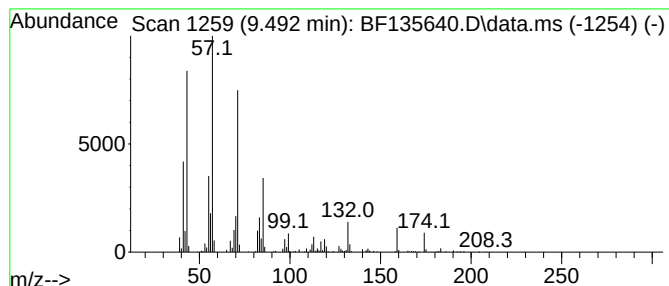
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecane, 2,6,10,14-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	8.76 ng	434986	Acenaphthene-d10	9.775

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
2		Hexadecane	226	C16H34	000544-76-3	64
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5		Tridecane	184	C13H28	000629-50-5	59



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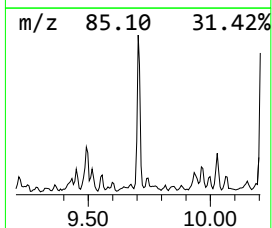
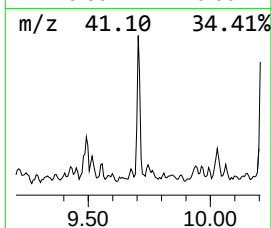
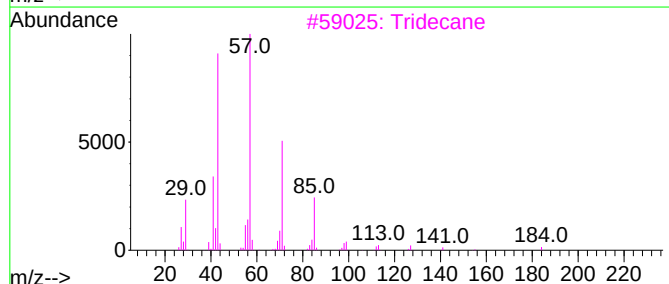
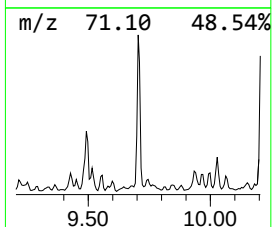
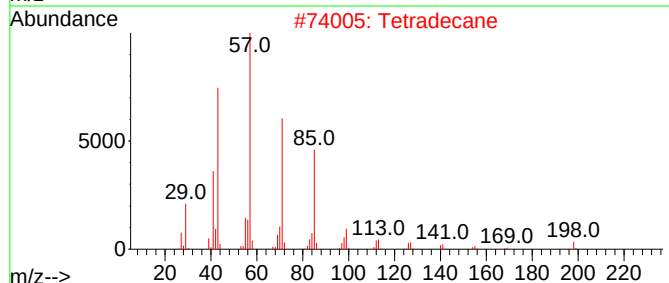
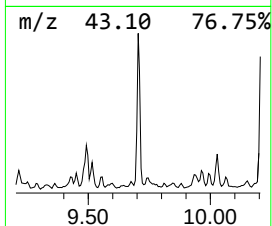
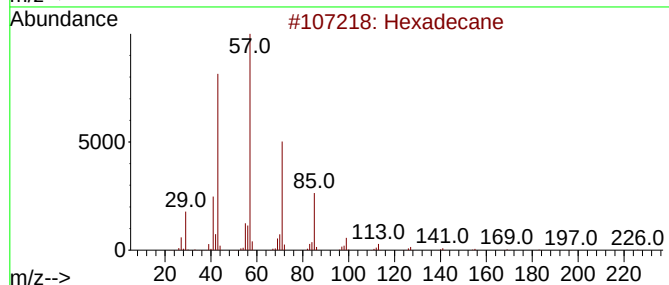
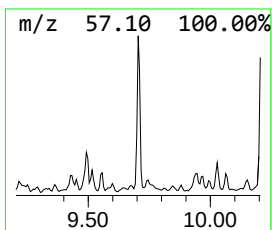
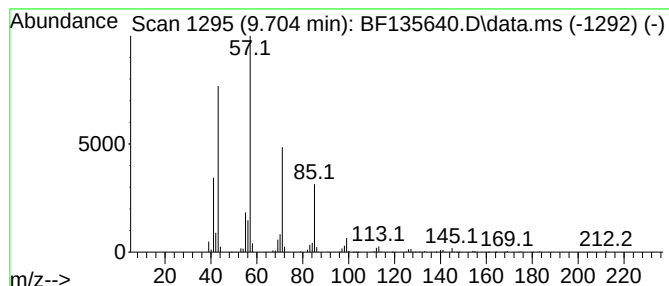
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	15.60 ng	774195	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane	184	C13H28	000629-50-5	72
4			Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	72
5			Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

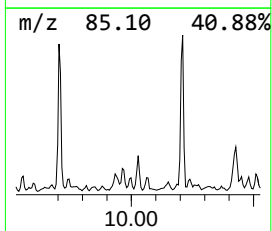
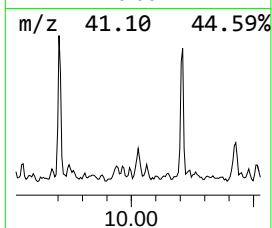
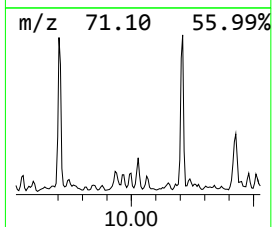
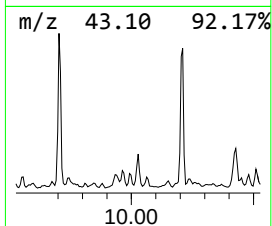
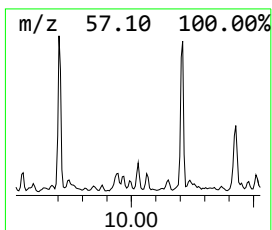
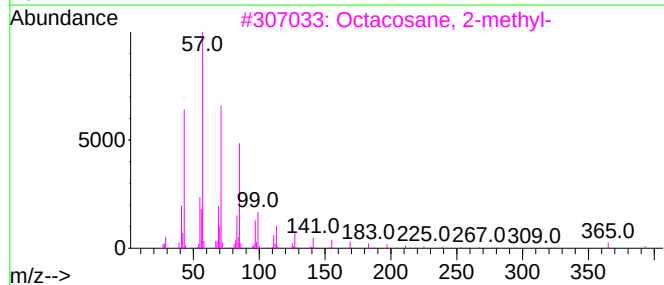
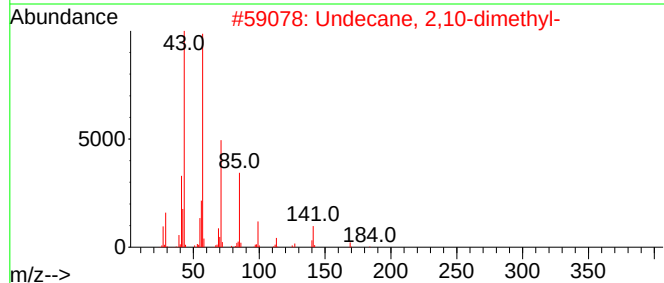
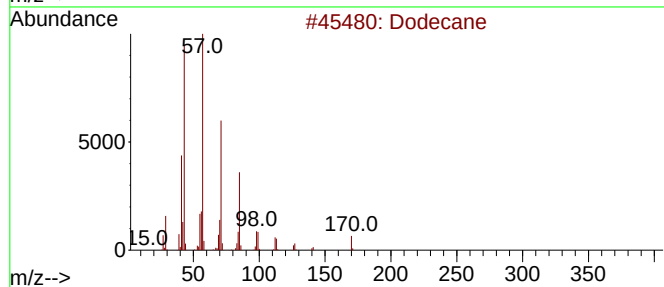
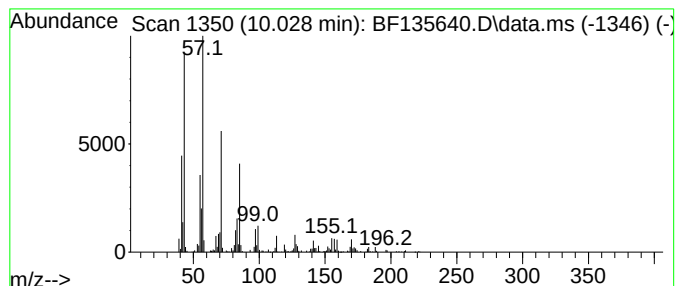
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.028	5.01 ng	248516	Acenaphthene-d10	9.775	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	83
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	80
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
5	Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
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Instrument :
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ClientSampleId :
AU-06-10-4-2023

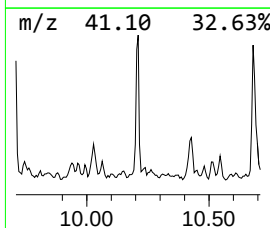
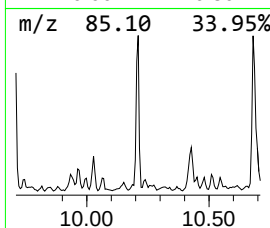
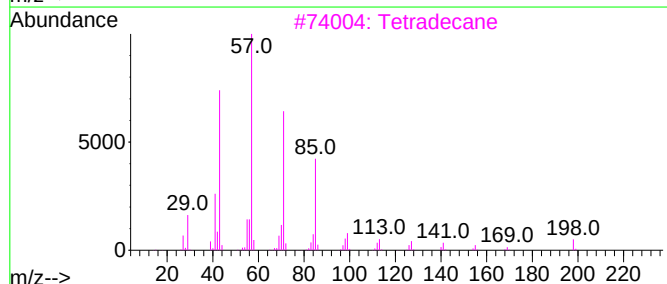
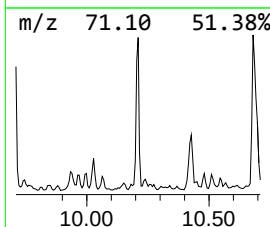
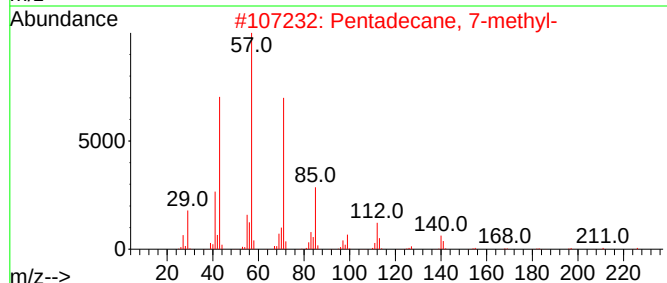
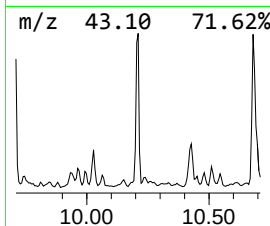
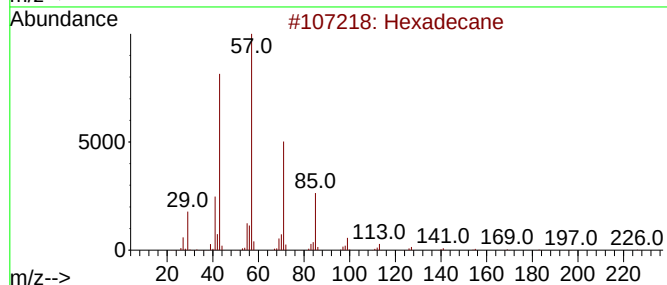
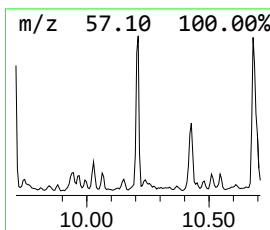
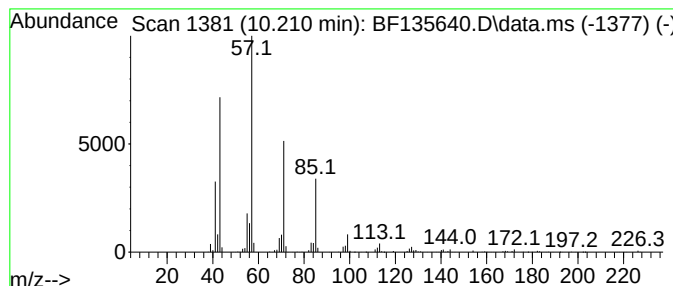
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	14.97 ng	743014	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-10-4-2023

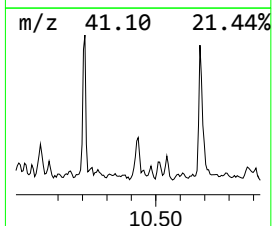
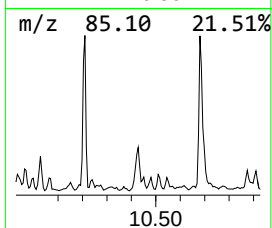
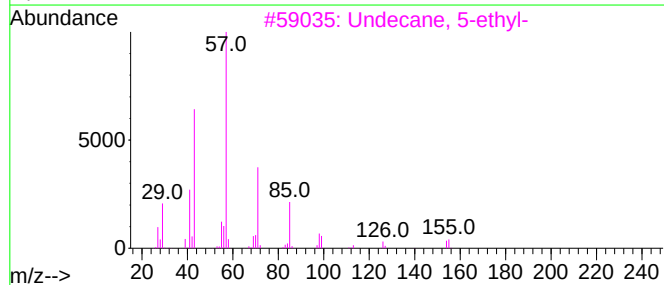
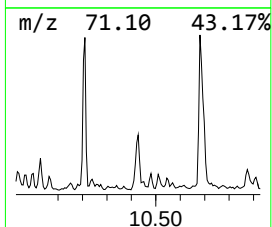
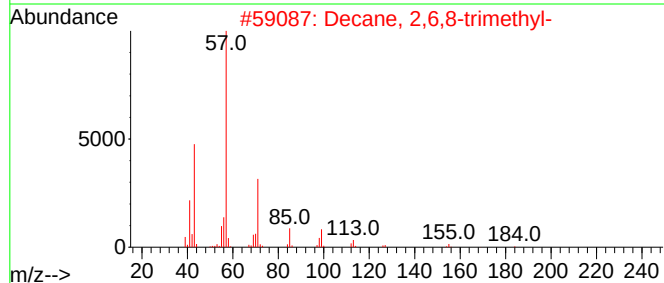
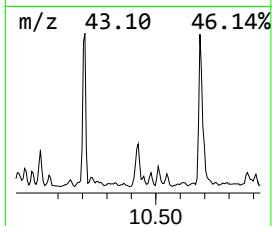
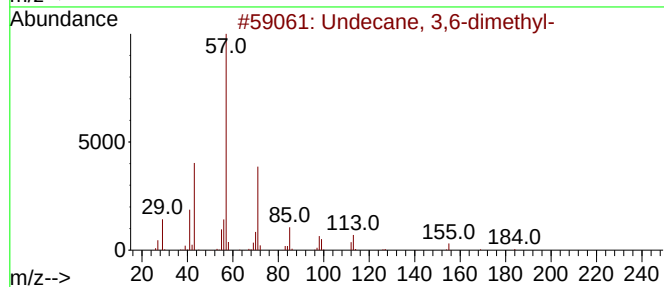
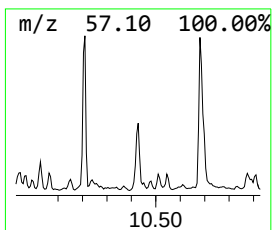
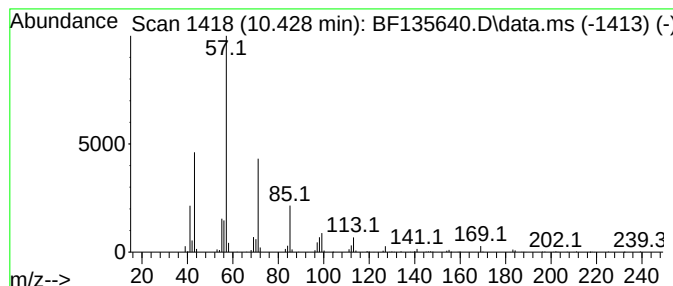
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	7.81 ng	387818	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
3			Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-06-10-4-2023

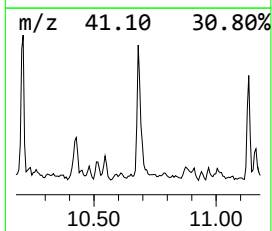
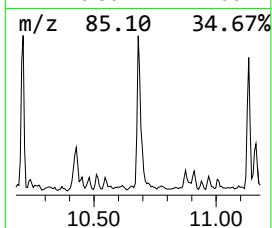
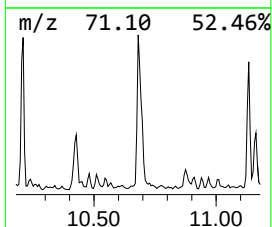
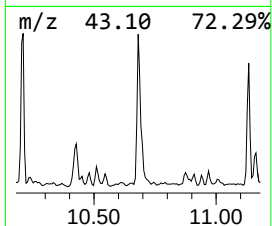
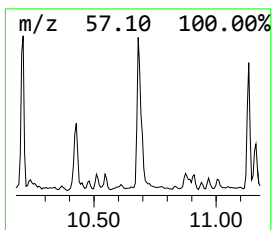
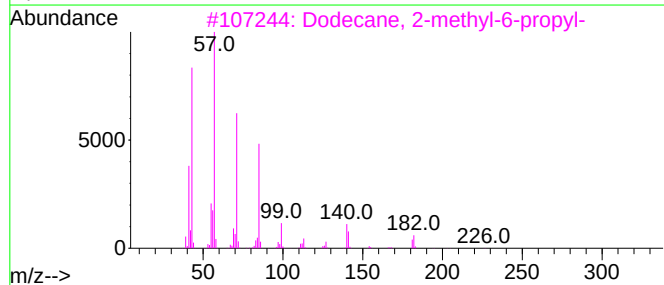
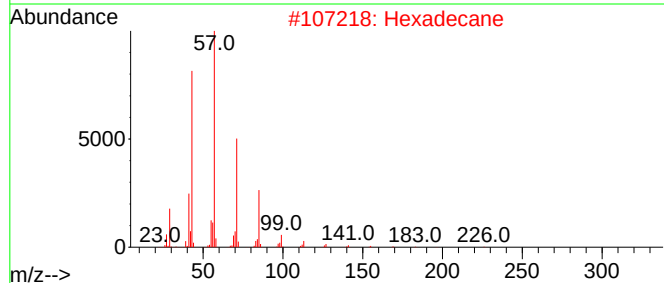
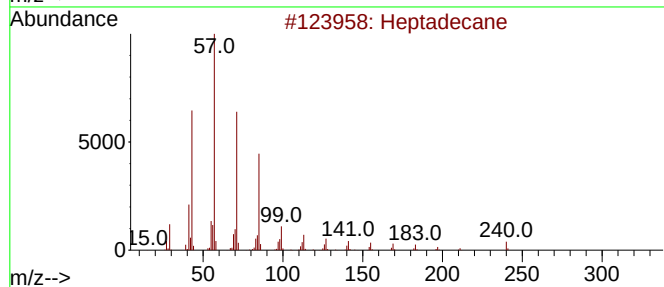
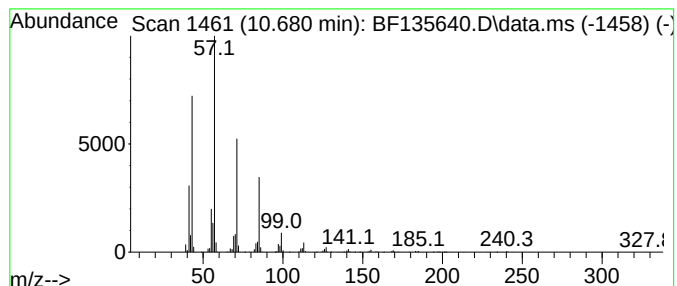
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.681	25.36 ng	1098720	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-06-10-4-2023

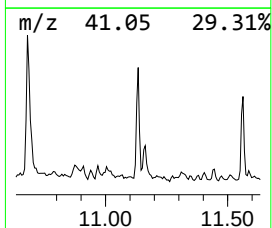
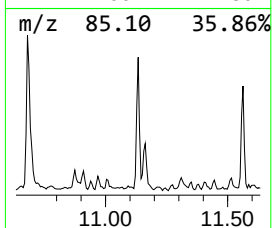
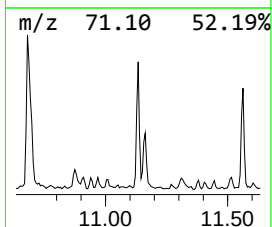
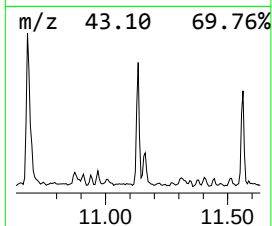
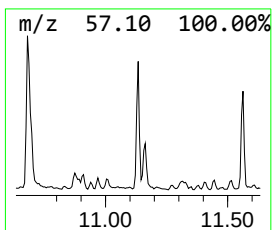
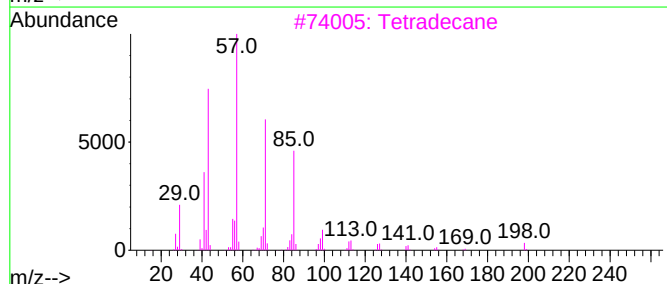
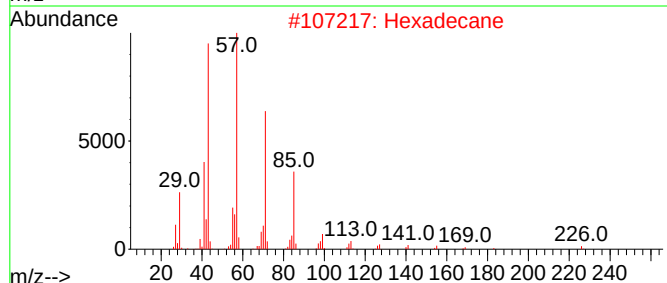
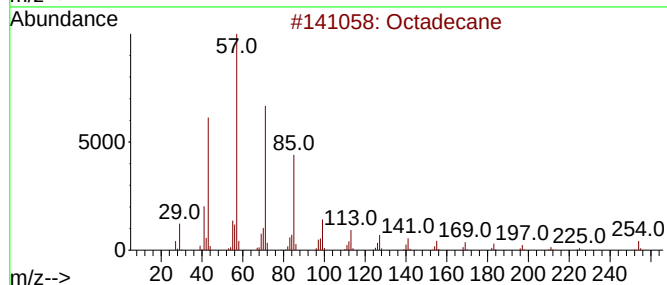
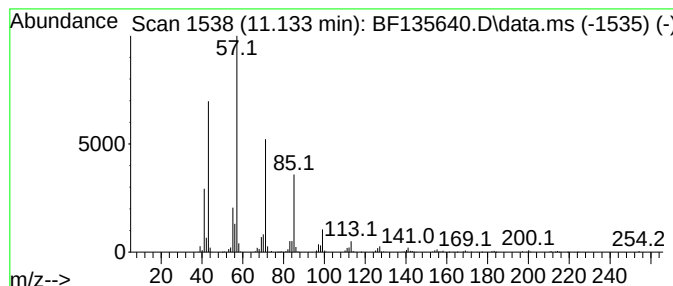
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	13.77 ng	596587	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
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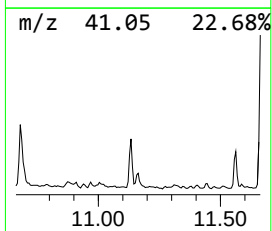
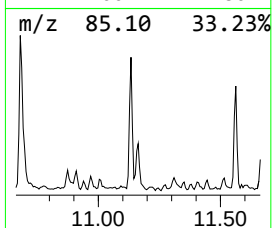
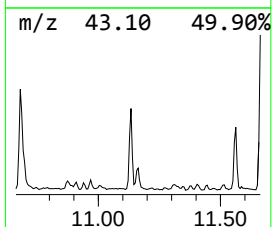
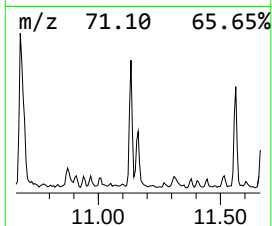
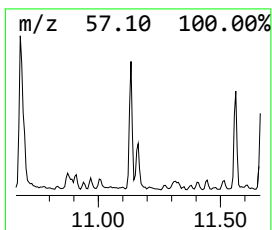
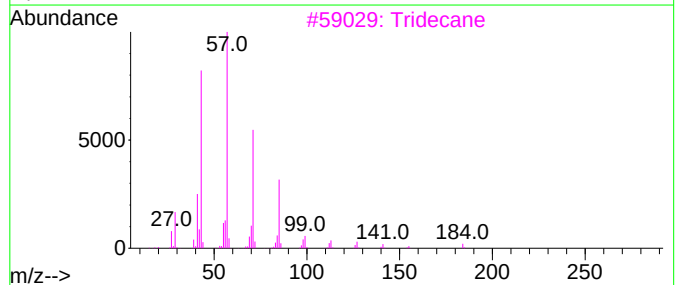
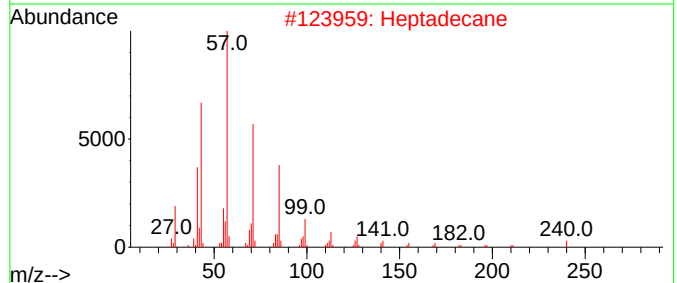
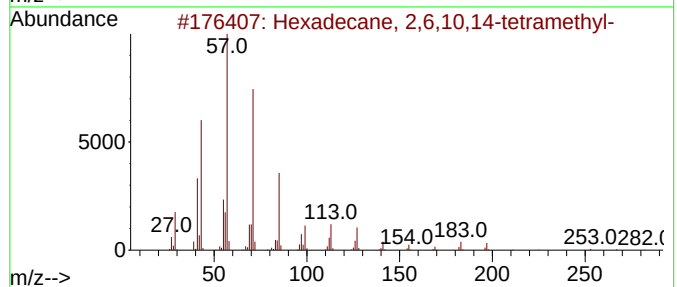
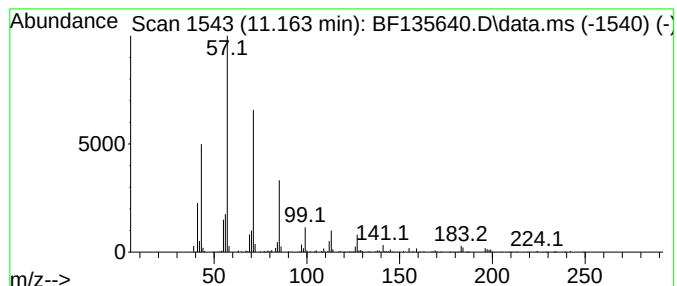
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.163	7.28 ng	315198	Phenanthrene-d10	11.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Eicosane	282	C20H42	000112-95-8	78
5	Hentriacontane	437	C31H64	000630-04-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-10-4-2023

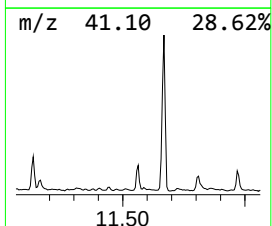
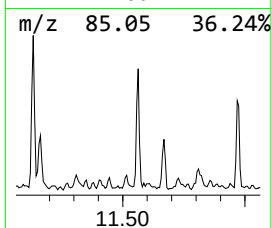
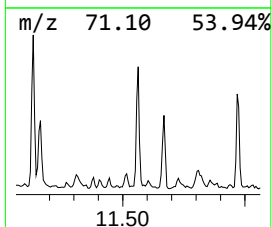
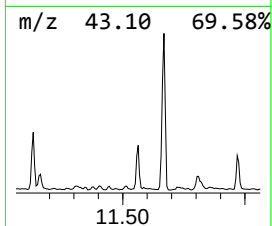
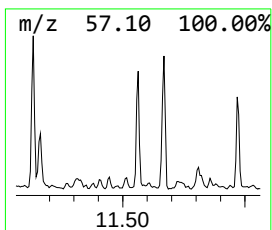
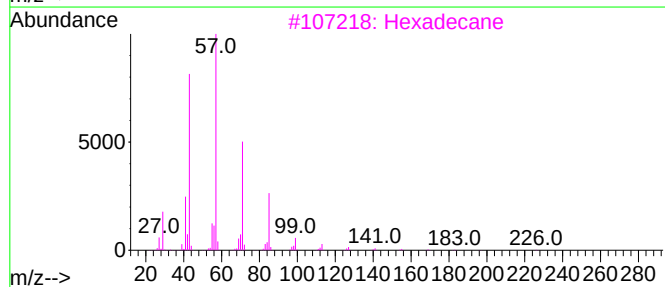
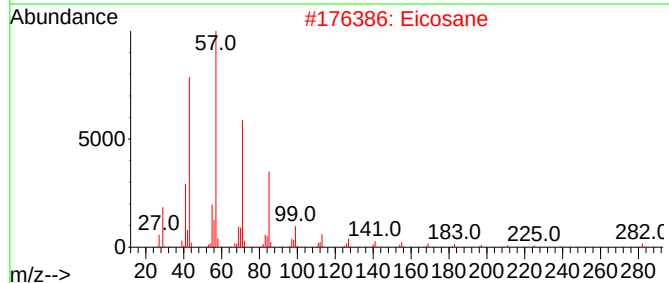
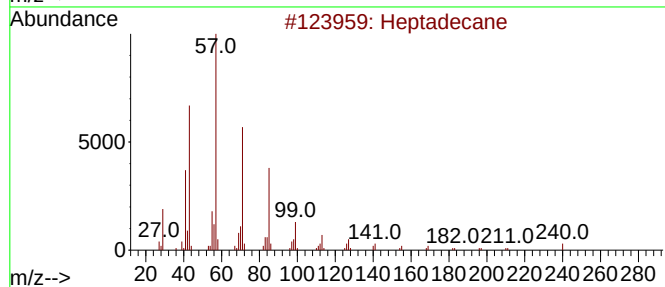
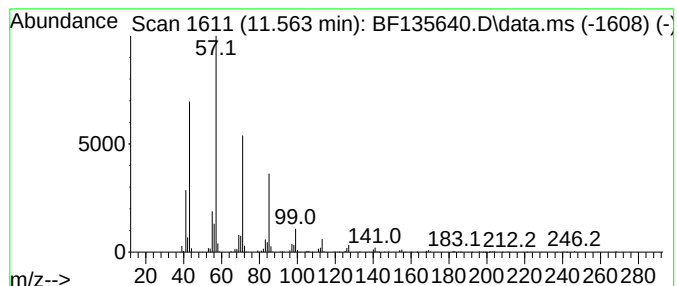
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.563	11.15 ng	482924	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-10-4-2023

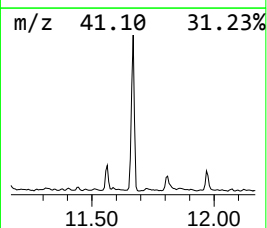
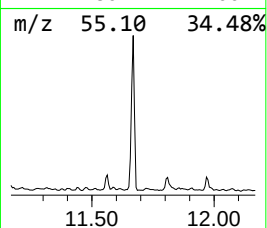
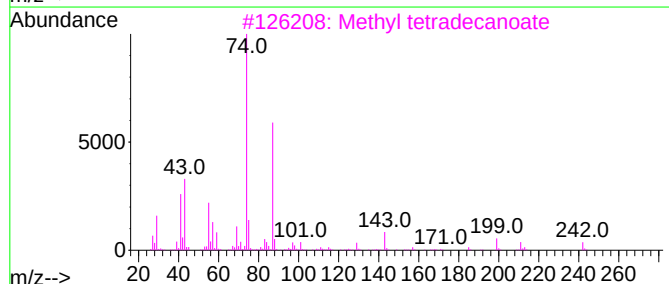
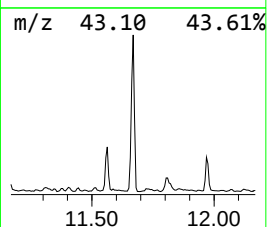
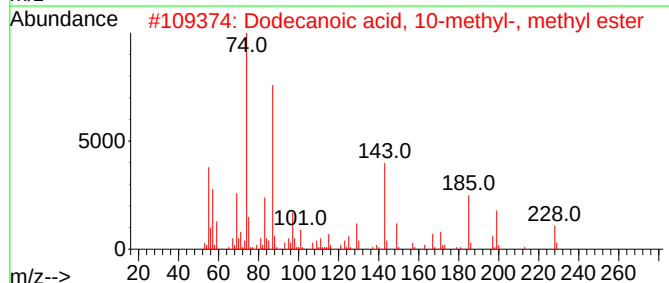
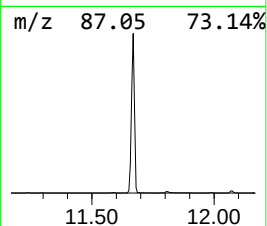
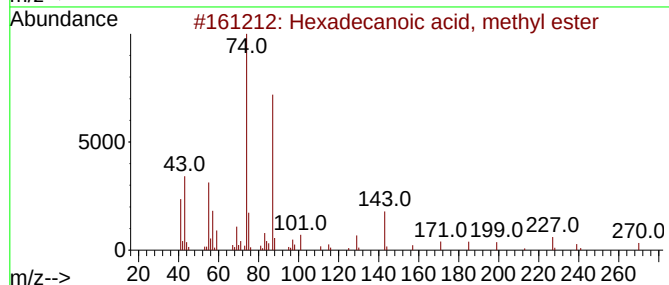
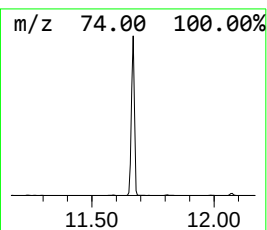
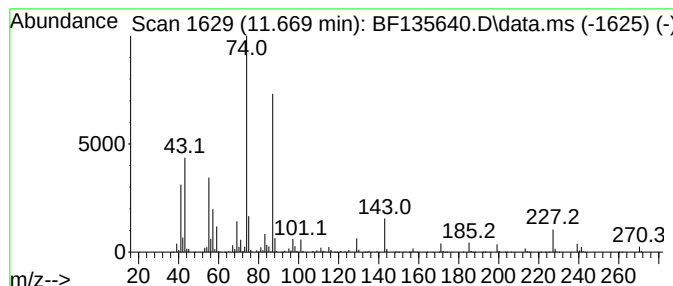
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	81.51 ng	3530860	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-10-4-2023

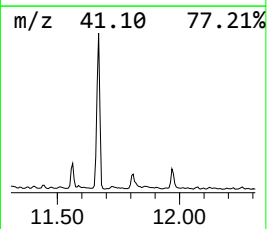
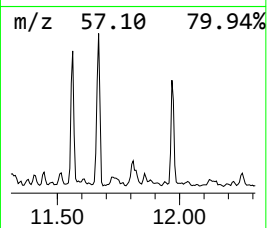
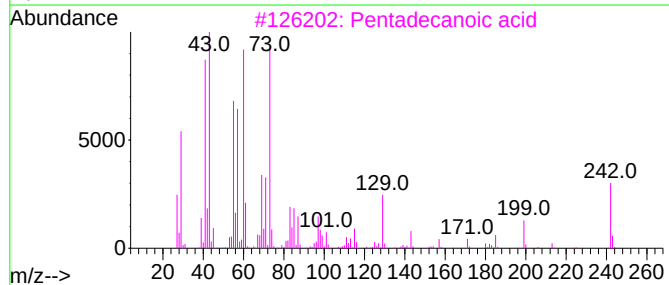
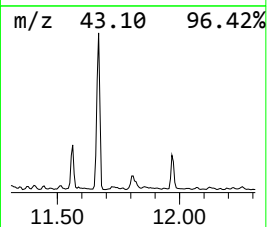
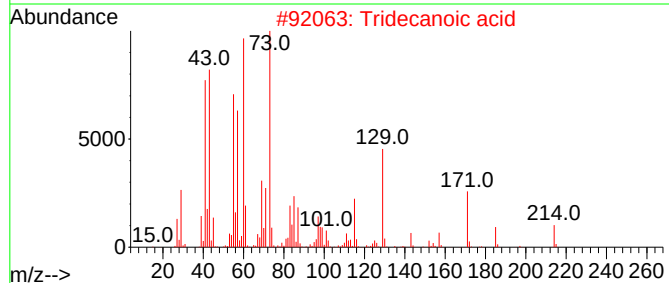
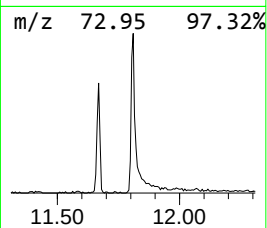
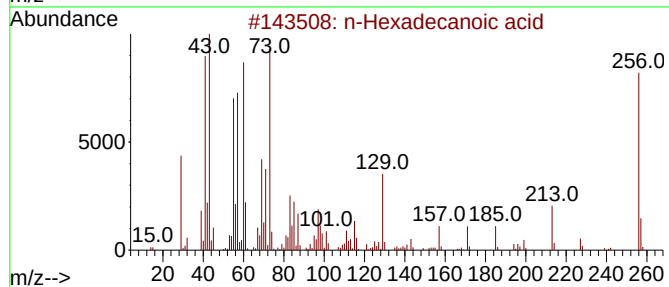
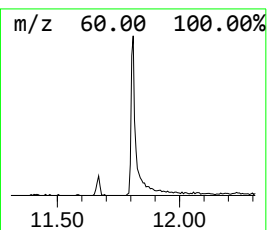
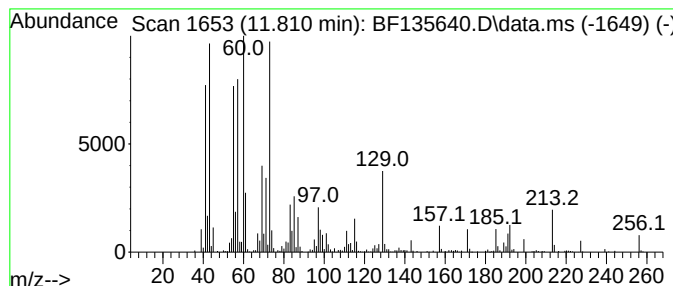
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	10.03 ng	434528	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		Dodecanoic acid	200	C12H24O2	000143-07-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

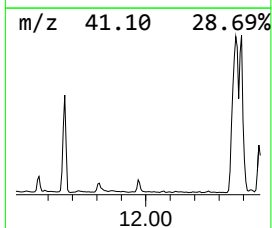
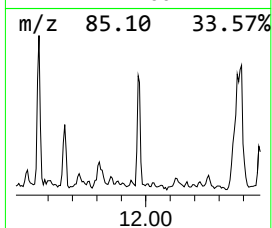
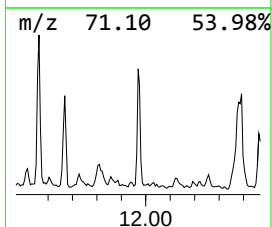
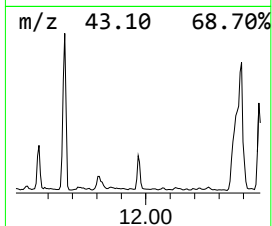
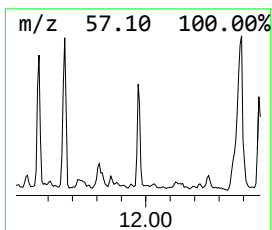
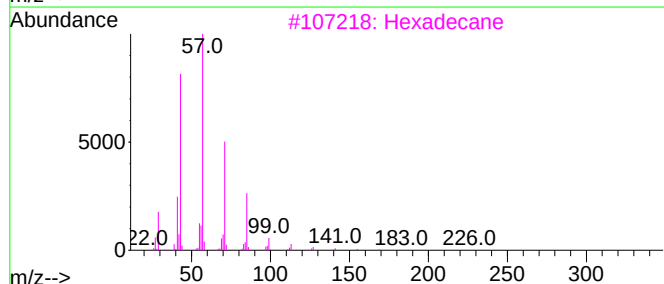
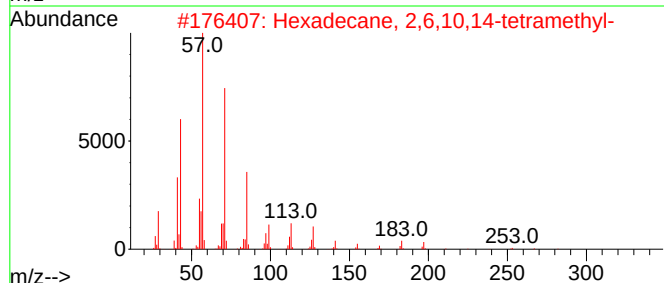
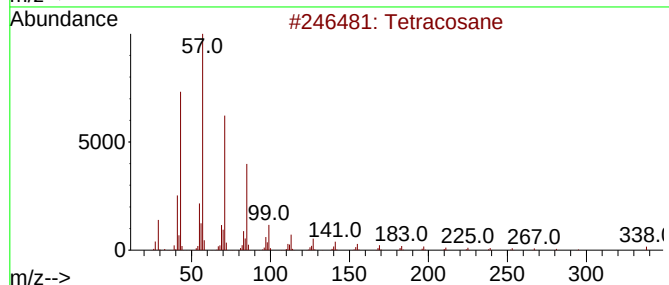
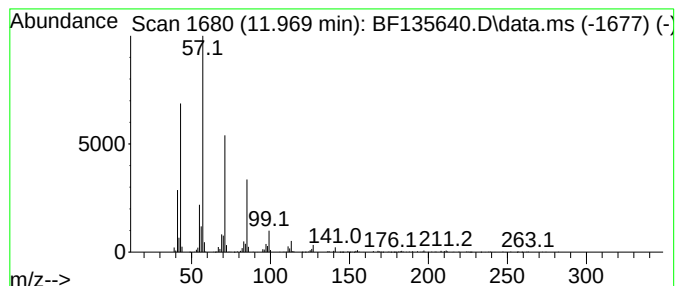
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.969	9.59 ng	415443	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	91
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	87
3	Hexadecane		226	C16H34	000544-76-3	86
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
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Operator : CG\JU
Sample : 04769-01
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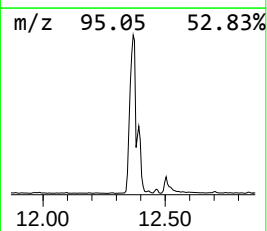
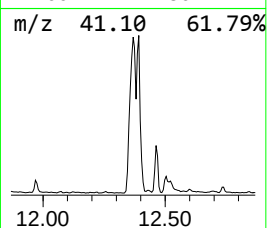
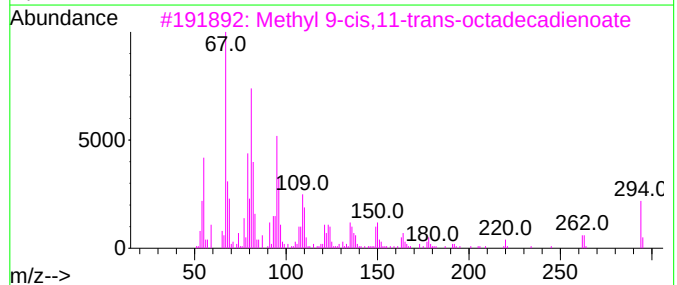
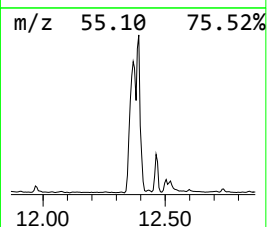
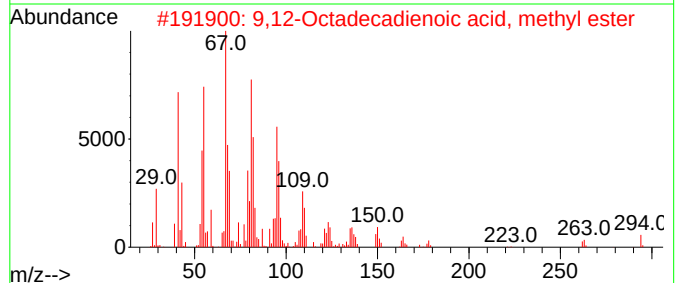
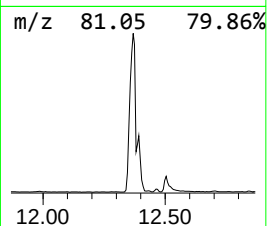
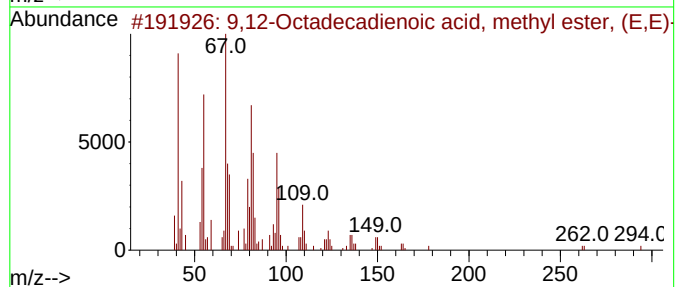
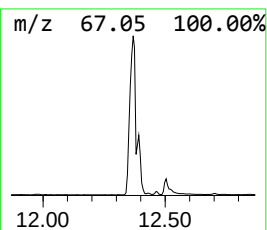
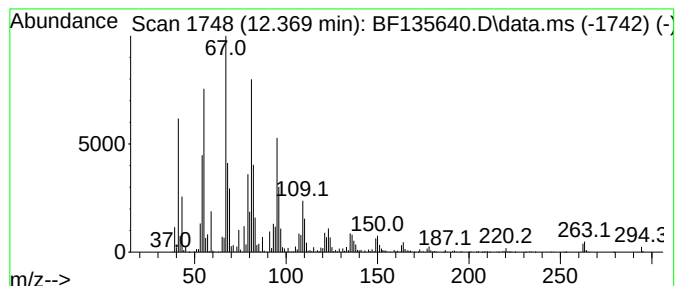
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AU-06-10-4-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	260.47 ng	11282900	Phenanthrene-d10	11.269
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
2		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3 99
3		Methyl 9-cis,11-trans-octadecadi...	294 C19H34O2	013058-52-1 99
4		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6 99
5		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
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Sample : 04769-01
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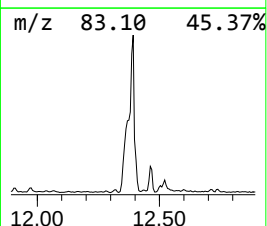
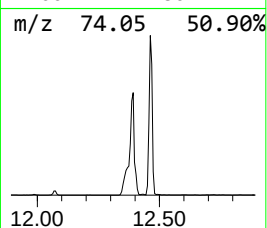
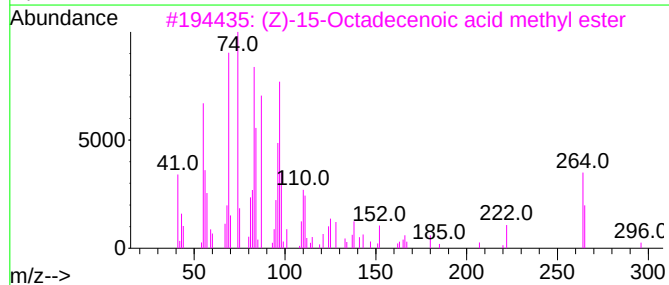
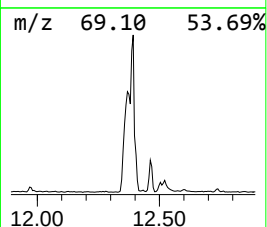
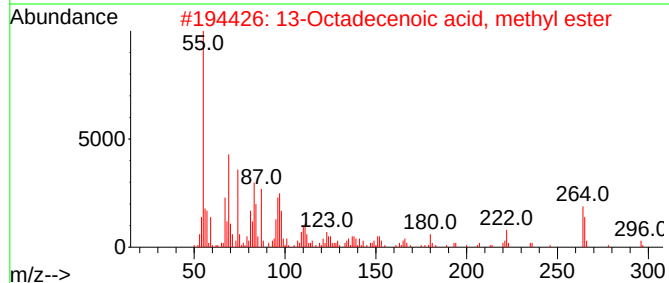
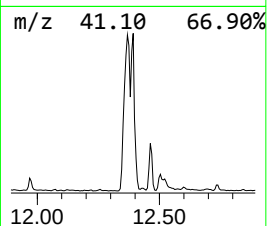
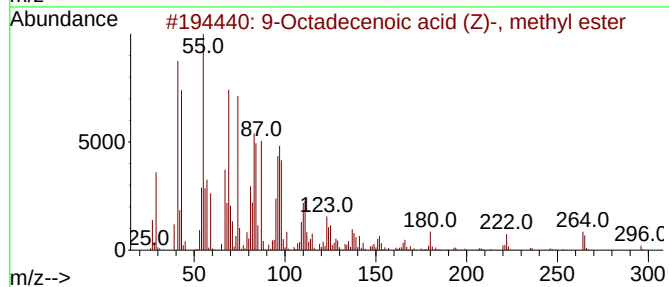
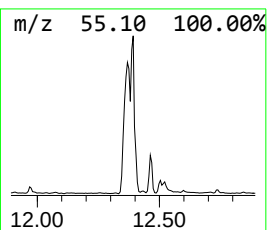
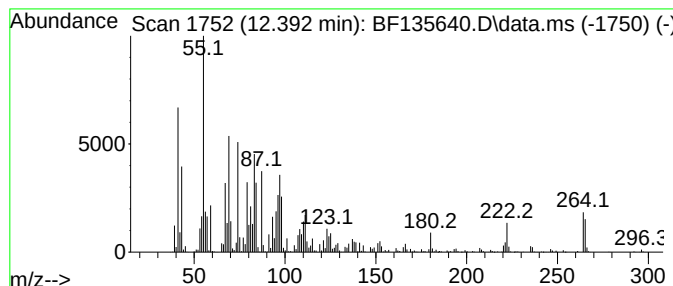
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.392	142.90 ng	6189930	Phenanthrene-d10	11.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AU-06-10-4-2023

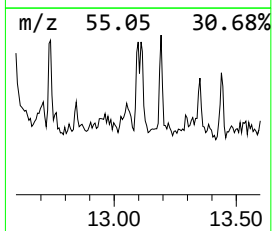
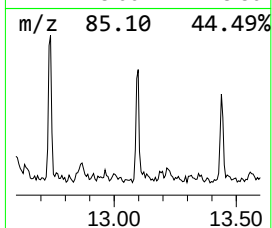
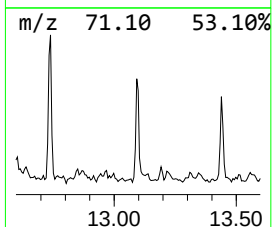
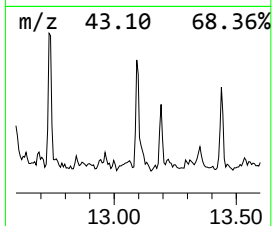
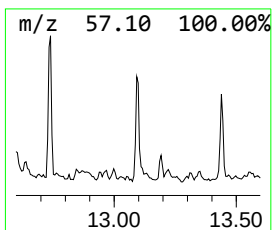
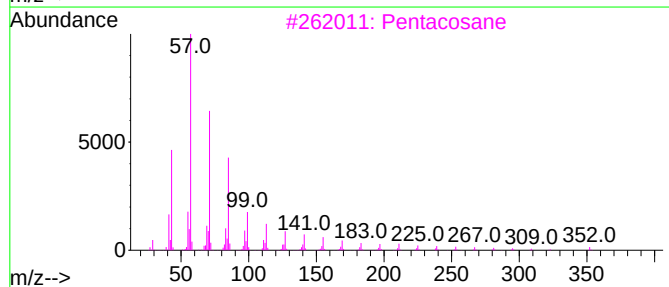
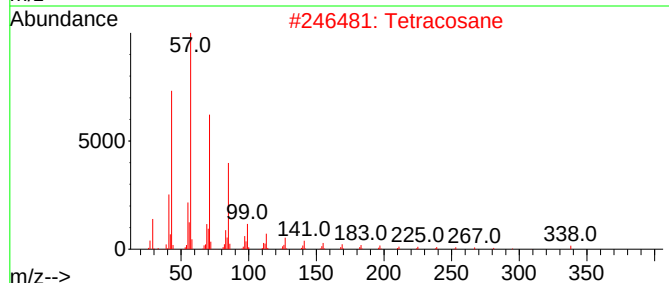
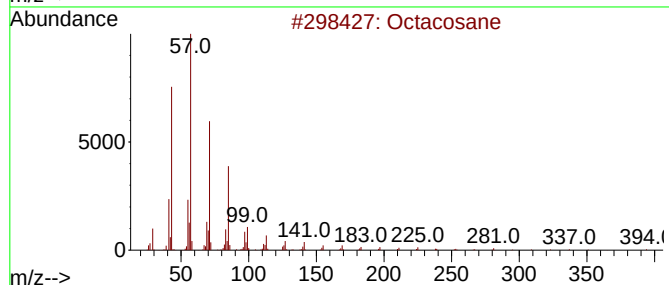
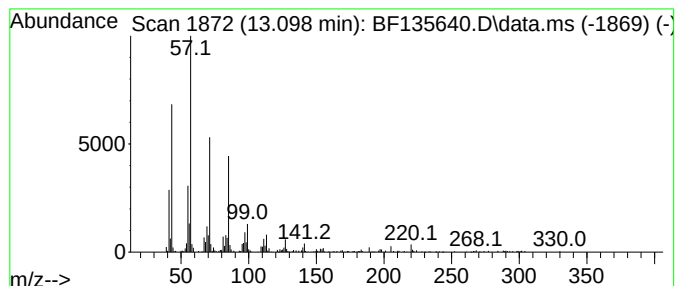
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	5.97 ng	200601	Chrysene-d12	13.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Hexacosane	366	C26H54	000630-01-3	90
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-10-4-2023

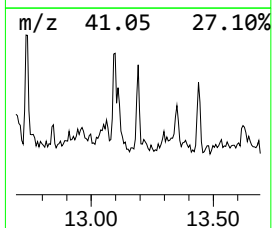
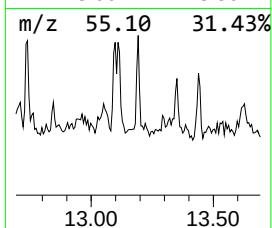
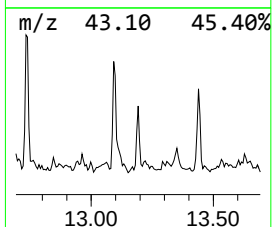
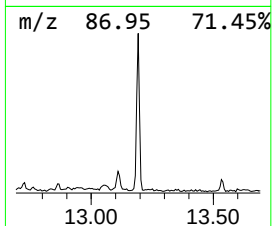
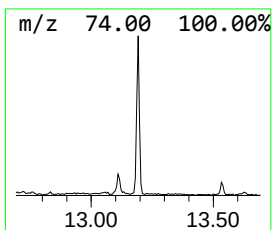
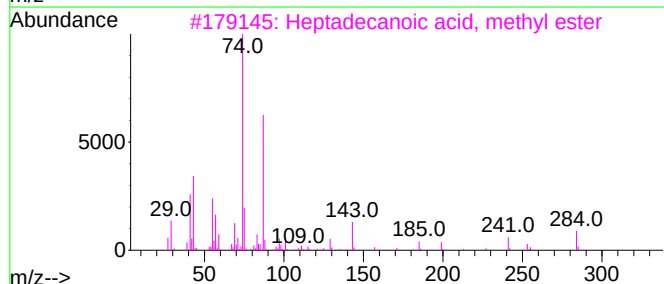
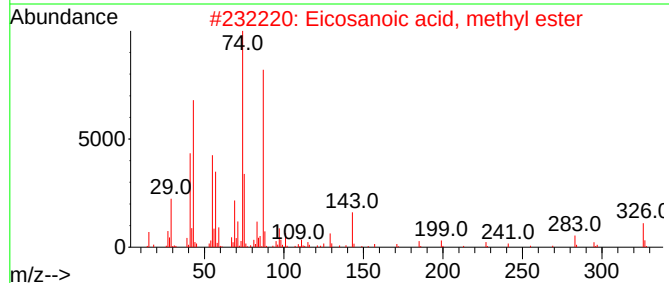
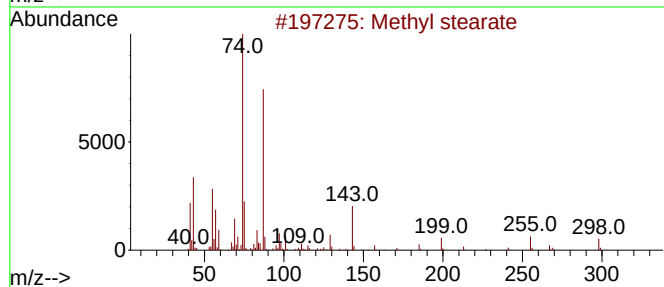
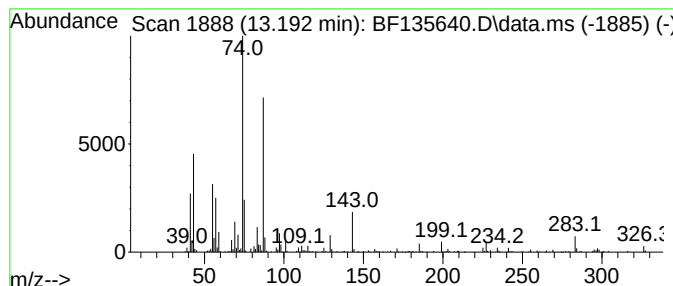
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl stearate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	4.75 ng	159510	Chrysene-d12	13.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	96
2		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
5		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135640.D
Acq On : 06 Oct 2023 21:05
Operator : CG\JU
Sample : 04769-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-10-4-2023

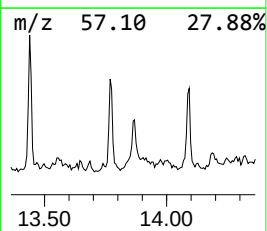
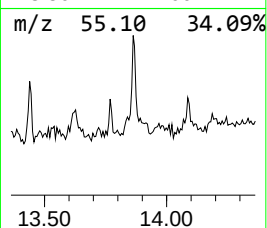
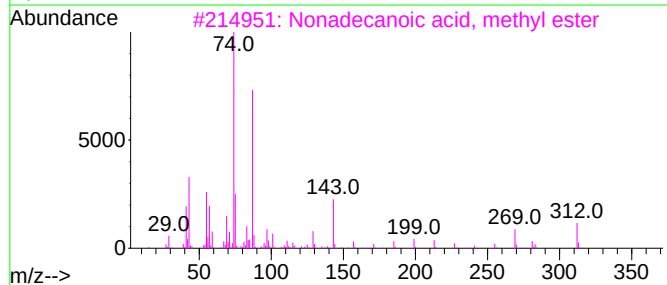
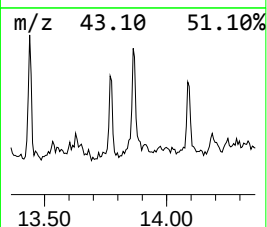
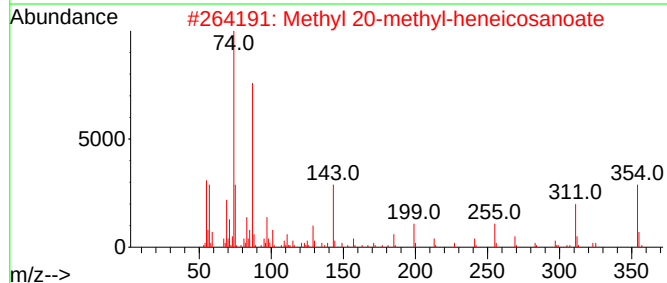
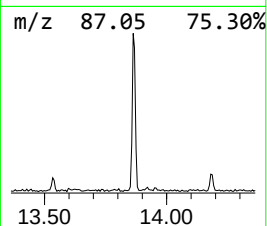
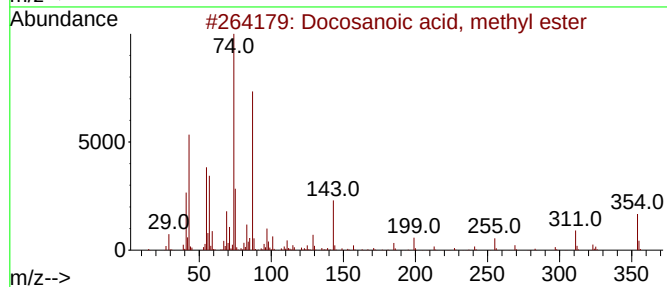
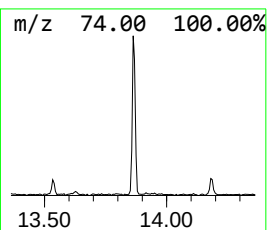
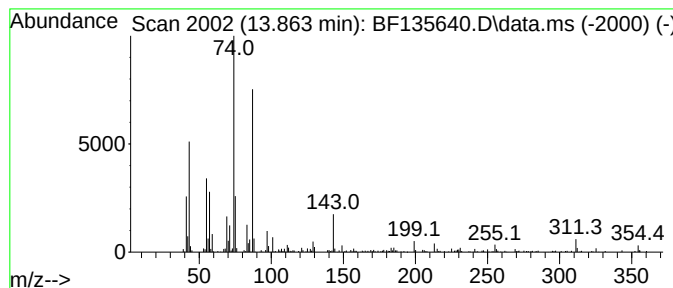
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	6.45 ng	216732	Chrysene-d12	13.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2			Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
3			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
5			Methyl stearate	298	C19H38O2	000112-61-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135640.D
 Acq On : 06 Oct 2023 21:05
 Operator : CG\JU
 Sample : 04769-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-10-4-2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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-...	4.957	6.2	ng	282446	1	6.740	905028	20.0
Tridecane	8.610	9.7	ng	555151	2	8.016	1140360	20.0
Hexadecane	9.175	15.5	ng	768837	3	9.775	992637	20.0
Heptadecane, 2,...	9.492	8.8	ng	434986	3	9.775	992637	20.0
Tetradecane	9.704	15.6	ng	774195	3	9.775	992637	20.0
Dodecane	10.028	5.0	ng	248516	3	9.775	992637	20.0
Pentadecane, 7-...	10.210	15.0	ng	743014	3	9.775	992637	20.0
Undecane, 3,6-d...	10.428	7.8	ng	387818	3	9.775	992637	20.0
Heptadecane	10.681	25.4	ng	1098720	4	11.269	866342	20.0
Octadecane	11.133	13.8	ng	596587	4	11.269	866342	20.0
Hexadecane, 2,6...	11.163	7.3	ng	315198	4	11.269	866342	20.0
Eicosane	11.563	11.2	ng	482924	4	11.269	866342	20.0
Hexadecanoic ac...	11.669	81.5	ng	3530860	4	11.269	866342	20.0
n-Hexadecanoic ...	11.810	10.0	ng	434528	4	11.269	866342	20.0
Tetracosane	11.969	9.6	ng	415443	4	11.269	866342	20.0
9,12-Octadecadi...	12.369	260.5	ng	11282900	4	11.269	866342	20.0
9-Octadecenoic ...	12.392	142.9	ng	6189930	4	11.269	866342	20.0
Octacosane	13.098	6.0	ng	200601	5	13.927	671648	20.0
Methyl stearate	13.192	4.8	ng	159510	5	13.927	671648	20.0
Docosanoic acid...	13.863	6.5	ng	216732	5	13.927	671648	20.0