

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134411.D
 Acq On : 21 Jul 2023 20:43
 Operator : CG\JU
 Sample : 03659-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-3-071823

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134411.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	572	575	592	rBV	609097	576606	2.85%	1.062%
2	6.475	743	746	753	rBV	644339	581186	2.87%	1.070%
3	6.840	804	808	811	rBV	362819	314233	1.55%	0.579%
4	7.398	900	903	905	rVV	474435	396200	1.96%	0.729%
5	7.422	905	907	911	rVV	289213	262738	1.30%	0.484%
6	8.092	1018	1021	1023	rVV	669366	581457	2.87%	1.071%
7	8.116	1023	1025	1028	rVV	532408	445475	2.20%	0.820%
8	8.169	1030	1034	1037	rVB2	238956	279632	1.38%	0.515%
9	8.404	1069	1074	1078	rBV5	209554	249598	1.23%	0.460%
10	8.616	1107	1110	1113	rBV2	311152	271920	1.34%	0.501%
11	8.704	1122	1125	1128	rBV	885757	665847	3.29%	1.226%
12	8.939	1162	1165	1167	rBV	319538	248321	1.23%	0.457%
13	9.069	1183	1187	1191	rBV3	162534	246472	1.22%	0.454%
14	9.192	1205	1208	1212	rVB	728827	567444	2.80%	1.045%
15	9.269	1217	1221	1224	rBV	888929	837513	4.13%	1.542%
16	9.592	1271	1276	1278	rVV3	444051	519833	2.57%	0.957%
17	9.616	1278	1280	1283	rVV2	212882	233765	1.15%	0.430%
18	9.804	1309	1312	1315	rVV	1106649	849539	4.19%	1.564%
19	9.875	1321	1324	1328	rVB	437081	374298	1.85%	0.689%
20	10.122	1363	1366	1370	rVV3	244575	311479	1.54%	0.573%
21	10.198	1375	1379	1385	rBV9	96651	236269	1.17%	0.435%
22	10.304	1394	1397	1400	rVV	1098542	865287	4.27%	1.593%
23	10.522	1430	1434	1440	rVB	301639	420684	2.08%	0.775%
24	10.669	1457	1459	1462	rVV	338193	257037	1.27%	0.473%
25	10.781	1475	1478	1487	rVB	955749	1075025	5.31%	1.979%
26	11.228	1551	1554	1557	rBV	718995	647928	3.20%	1.193%
27	11.257	1557	1559	1565	rVB	280193	316205	1.56%	0.582%
28	11.369	1575	1578	1581	rBV	383475	347176	1.71%	0.639%
29	11.663	1624	1628	1630	rBV	581762	493503	2.44%	0.909%
30	11.775	1641	1647	1649	rBV	5127354	4969372	24.53%	9.149%
31	11.910	1666	1670	1676	rVB	503263	552304	2.73%	1.017%
32	12.069	1694	1697	1702	rBV2	568874	533118	2.63%	0.982%
33	12.486	1759	1768	1770	rBV	8582628	20254484	100.00%	37.292%
34	12.510	1770	1772	1776	rVB2	8647169	8420554	41.57%	15.504%
35	12.569	1779	1782	1785	rVB	2929585	2450221	12.10%	4.511%
36	12.610	1785	1789	1791	rBV2	985855	1222926	6.04%	2.252%

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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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.839	1824	1828	1835	rVB2	352134	387437	1.91%	0.713%
38	12.975	1845	1851	1853	rBV	506113	521687	2.58%	0.961%
39	13.198	1886	1889	1890	rBV	278296	235173	1.16%	0.433%
40	13.292	1902	1905	1909	rVB	286776	238034	1.18%	0.438%
41	13.727	1975	1979	1984	rVB3	148952	207892	1.03%	0.383%
42	13.969	2017	2020	2024	rVB	297674	256725	1.27%	0.473%
43	14.039	2028	2032	2034	rBV	313551	305187	1.51%	0.562%
44	15.545	2284	2288	2295	rBV	186503	285431	1.41%	0.526%

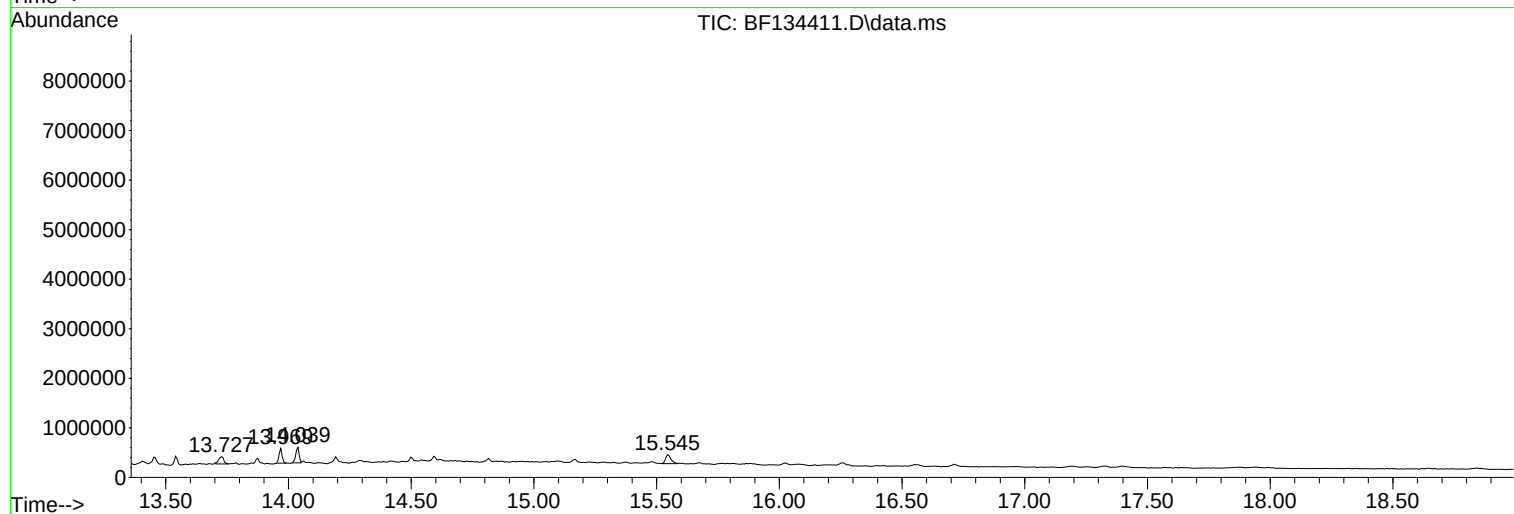
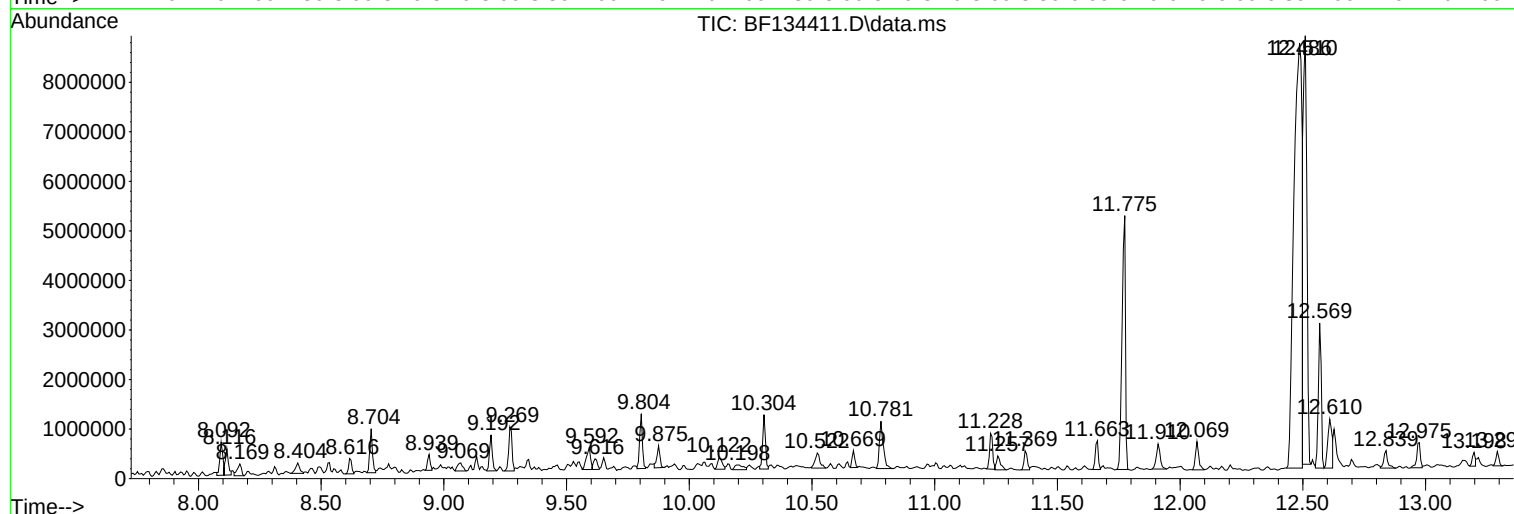
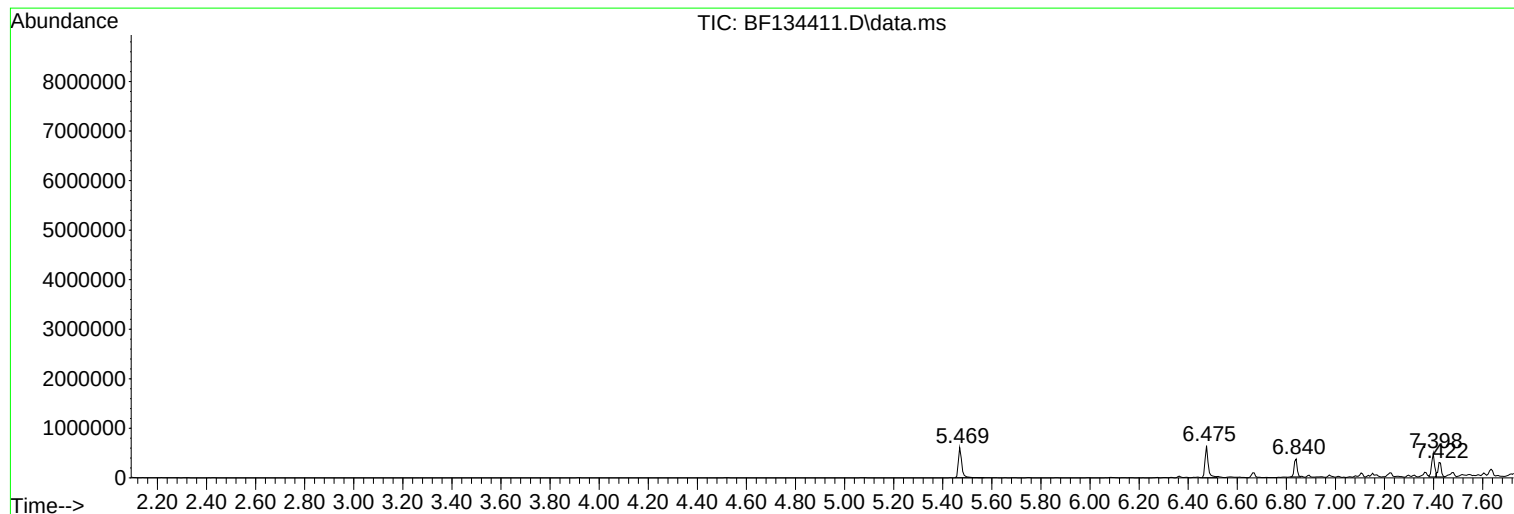
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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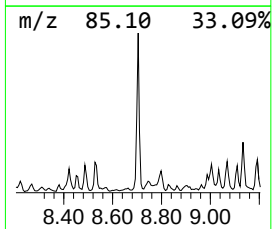
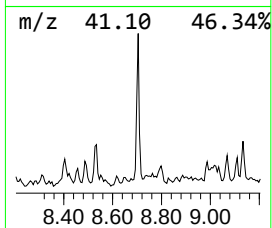
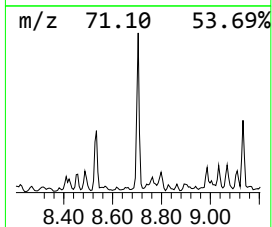
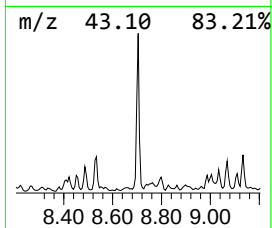
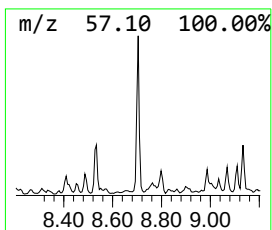
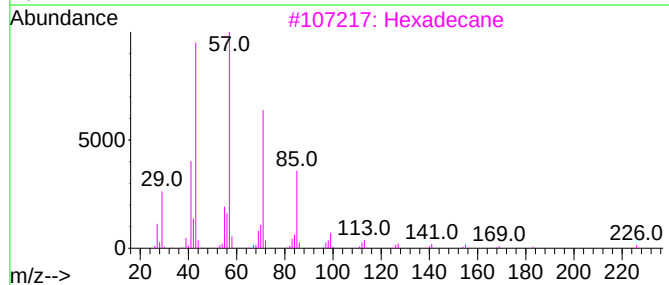
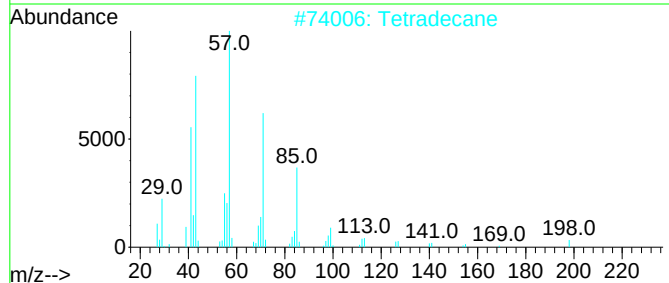
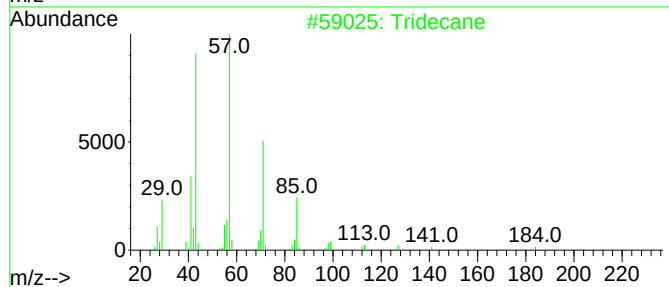
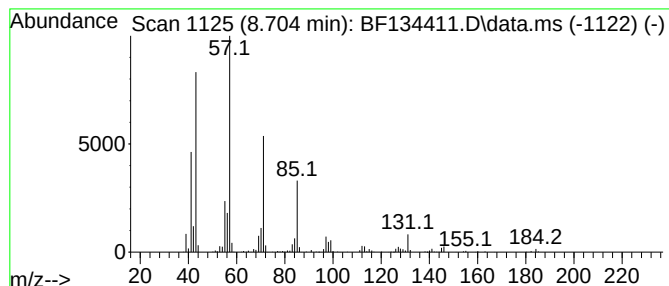
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	29.89 ng	665847	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Tetradecane	198	C14H30	000629-59-4	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5			Undecane	156	C11H24	001120-21-4	86



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Instrument :
BNA_F
ClientSampleId :
HR-3-071823

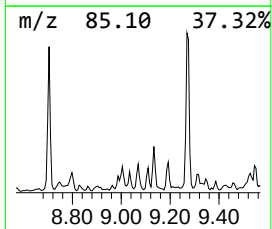
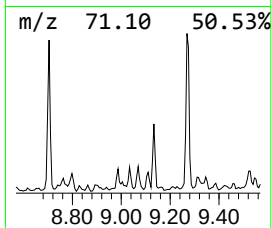
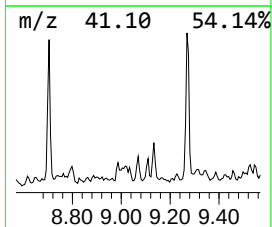
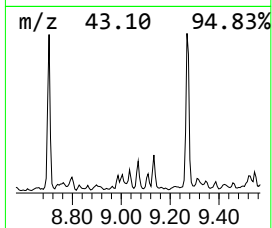
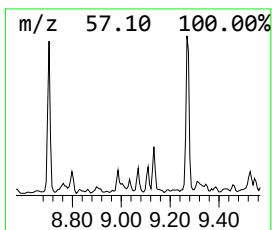
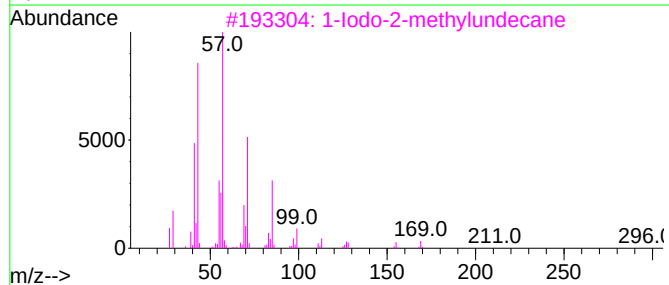
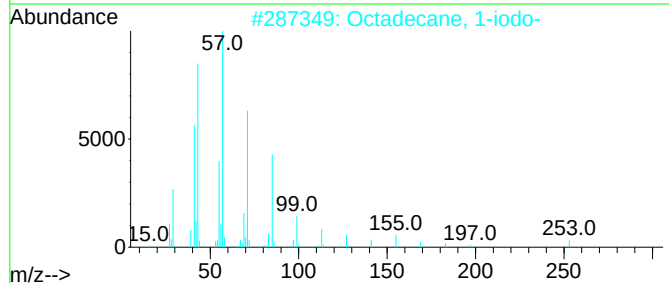
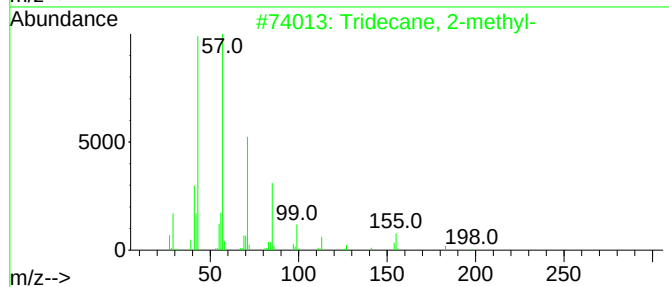
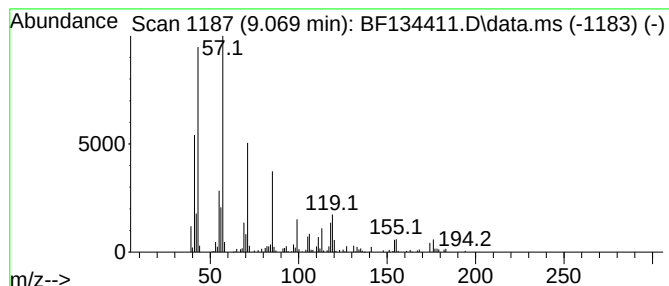
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	13.17 ng	246472	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	62
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	53



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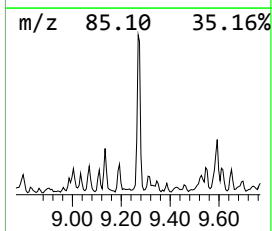
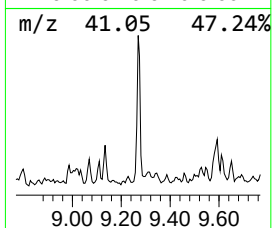
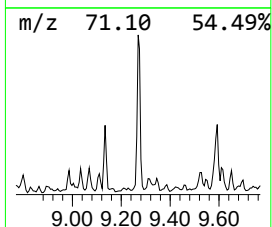
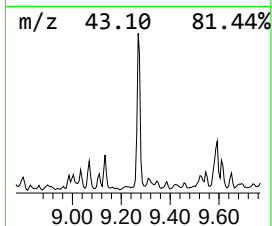
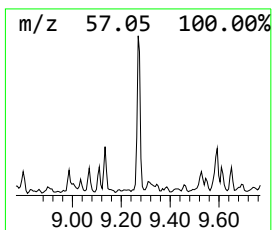
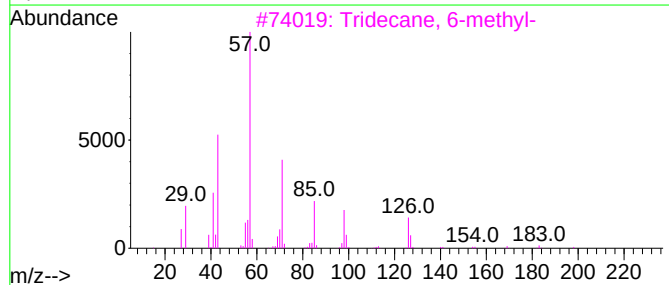
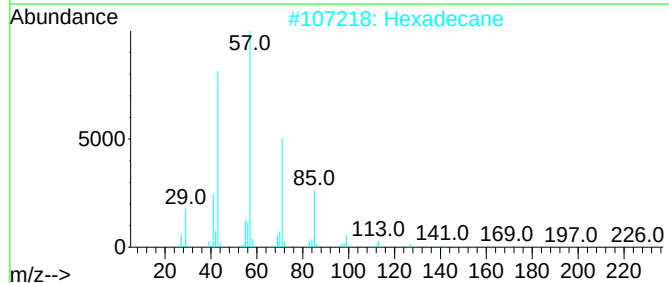
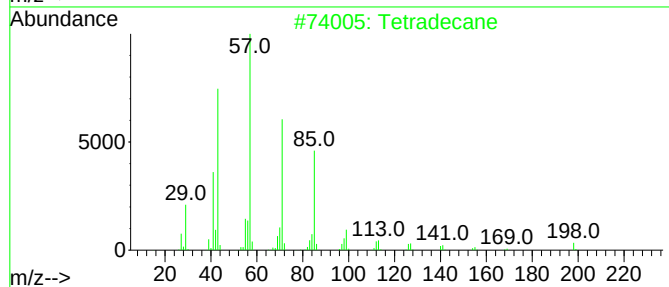
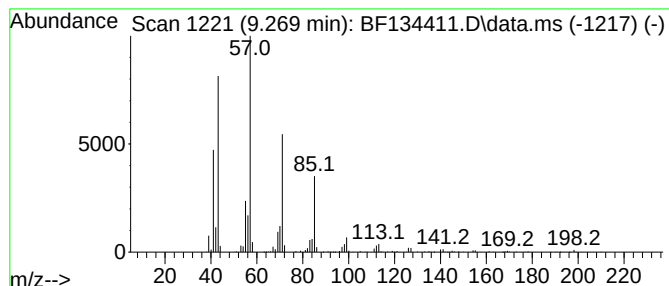
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	44.75 ng	837513	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5		Tridecane	184	C13H28	000629-50-5	86



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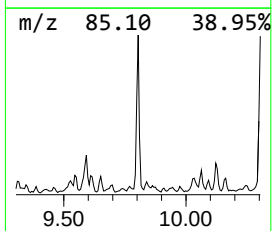
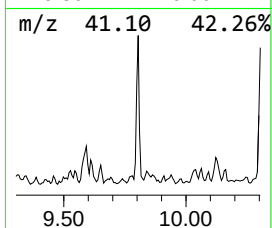
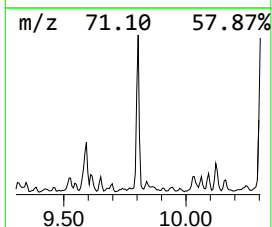
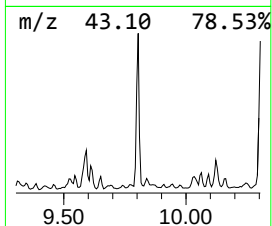
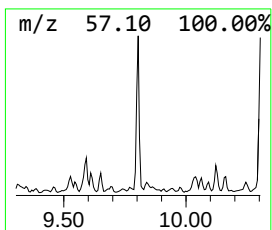
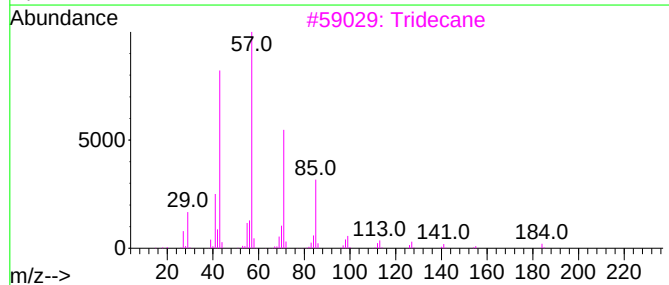
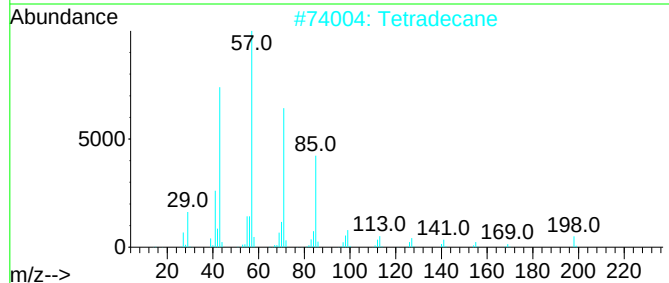
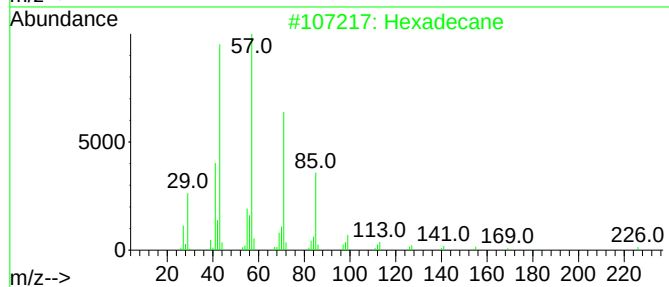
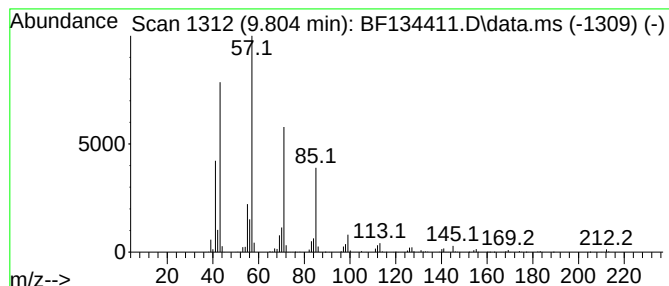
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	45.39 ng	849539	Acenaphthene-d10	9.875

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	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



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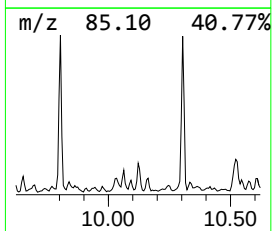
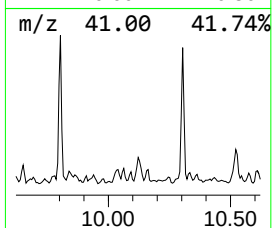
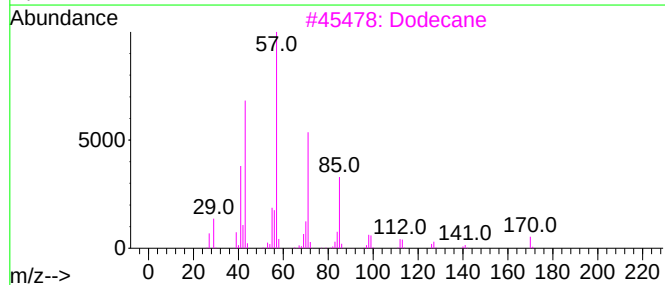
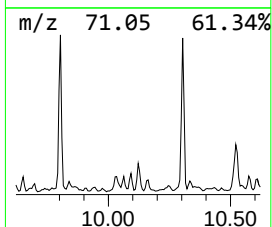
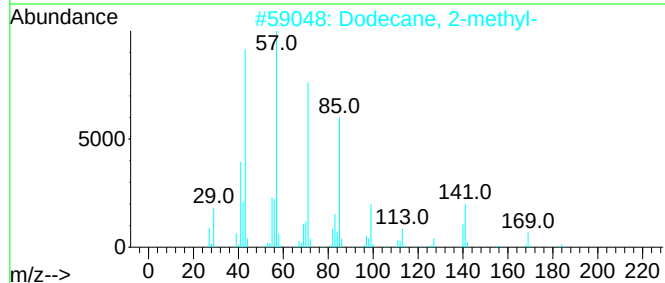
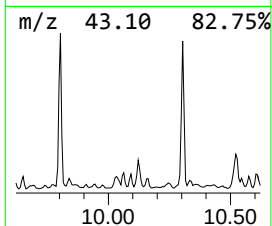
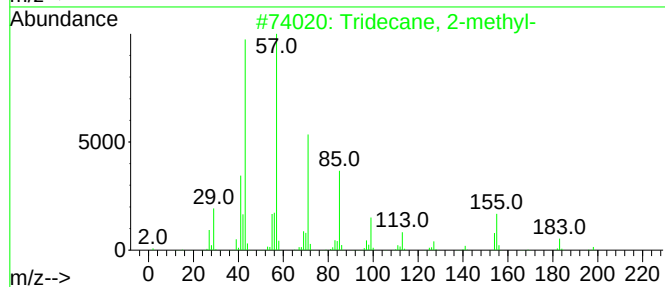
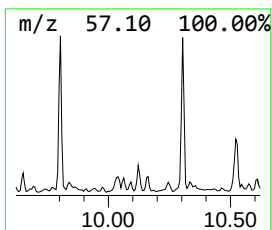
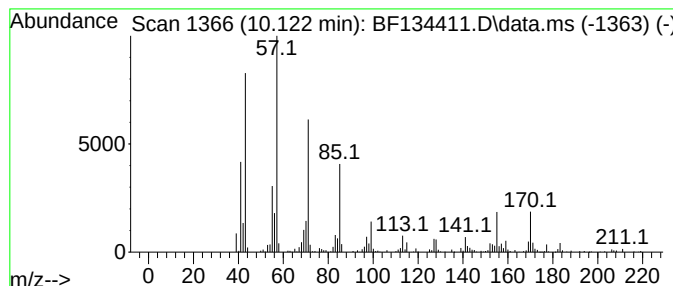
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	16.64 ng	311479	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
3			Dodecane	170	C12H26	000112-40-3	81
4			Octacosane	394	C28H58	000630-02-4	74
5			Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
Acq On : 21 Jul 2023 20:43
Operator : CG\JU
Sample : 03659-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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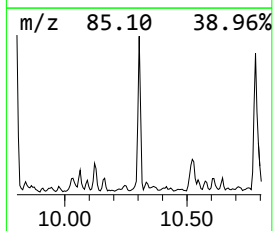
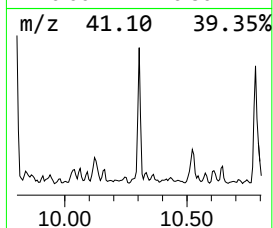
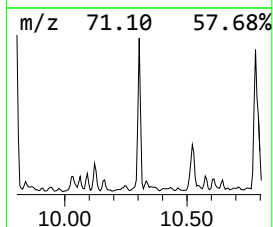
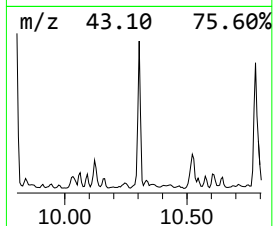
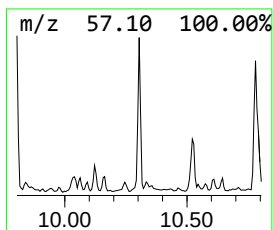
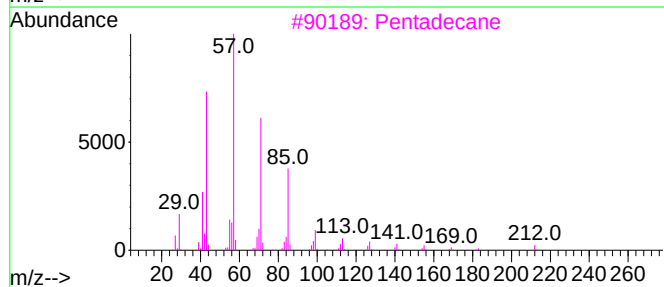
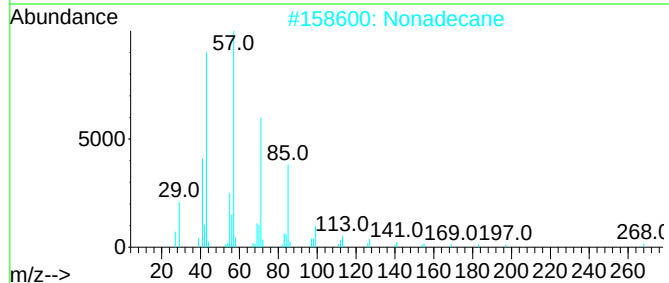
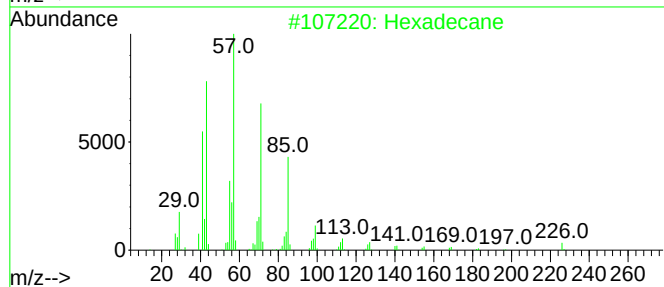
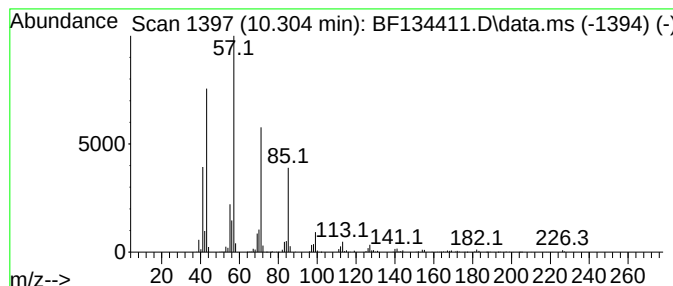
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	46.24 ng	865287	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
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Misc :
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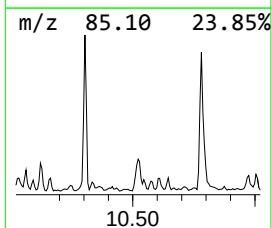
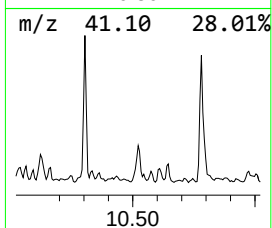
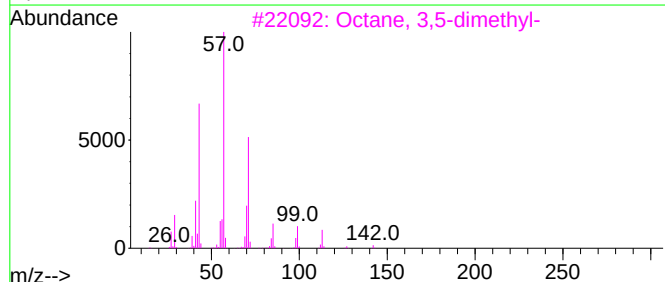
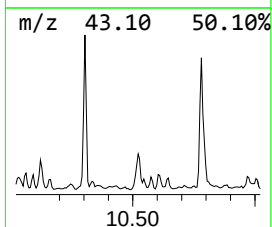
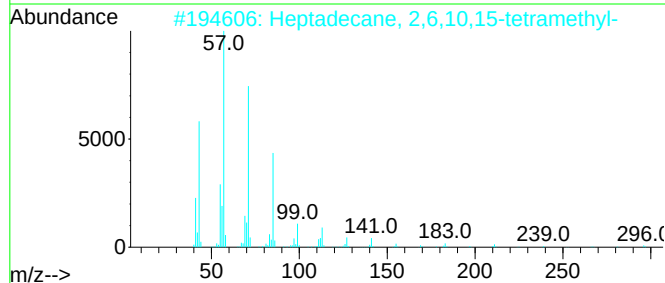
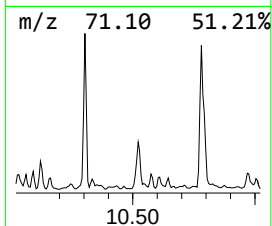
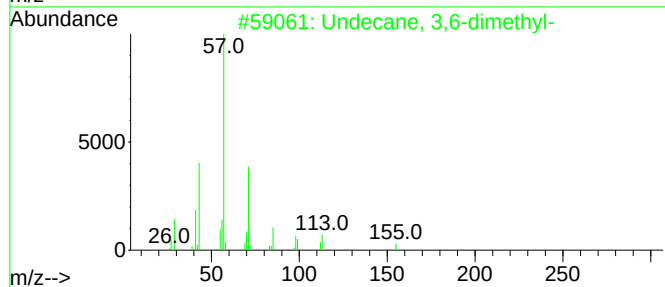
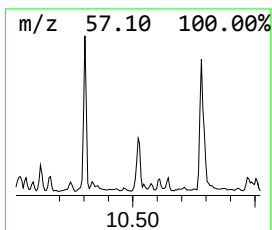
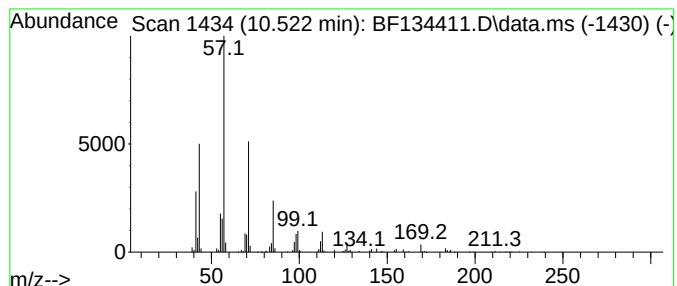
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.522	22.48 ng	420684	Acenaphthene-d10	9.875	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
Acq On : 21 Jul 2023 20:43
Operator : CG\JU
Sample : 03659-03 2X
Misc :
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Instrument :
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ClientSampleId :
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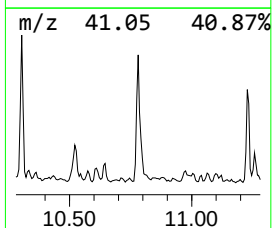
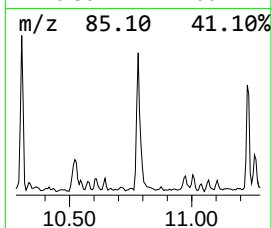
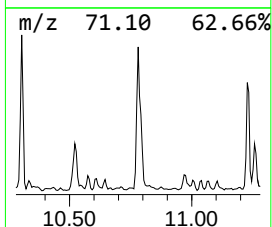
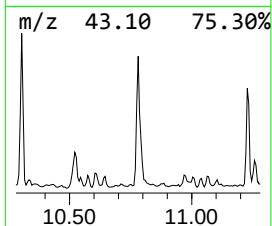
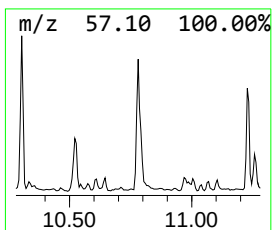
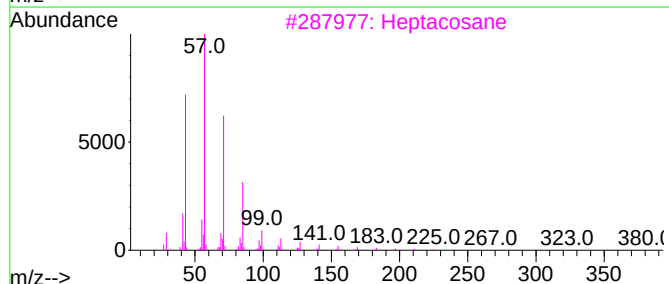
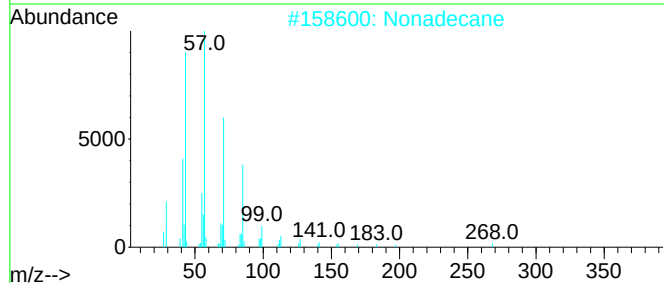
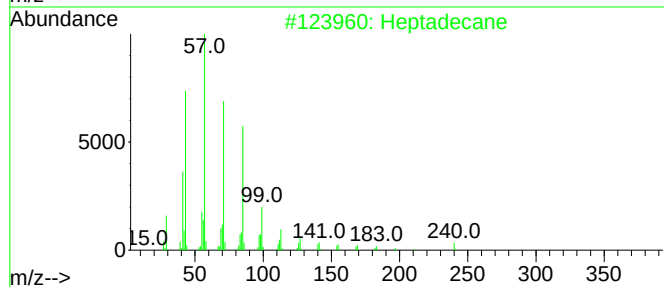
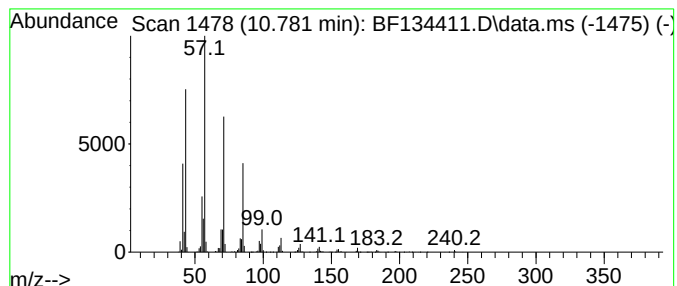
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	61.93 ng	1075030	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
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Acq On : 21 Jul 2023 20:43
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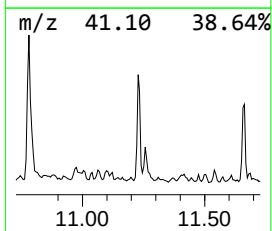
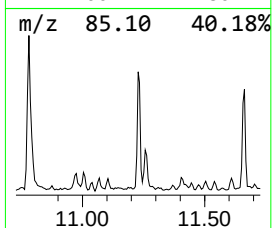
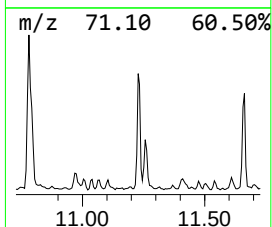
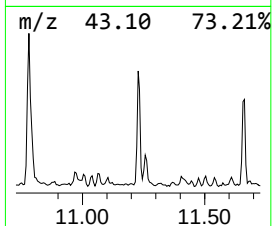
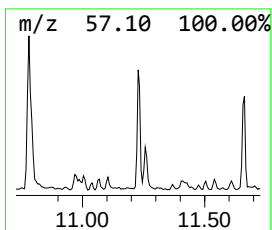
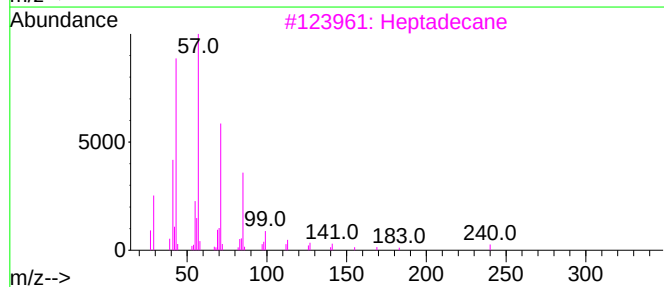
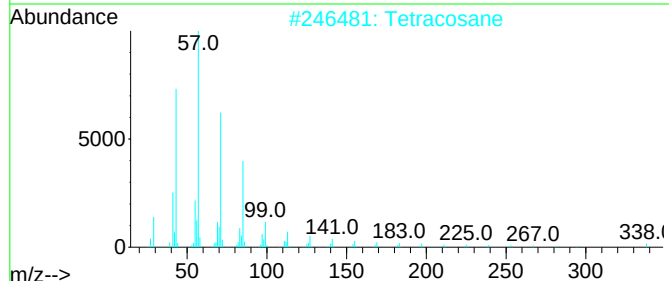
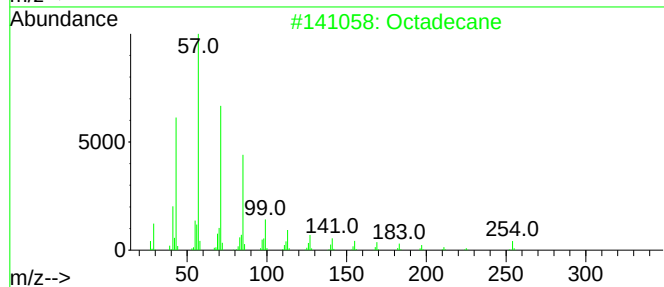
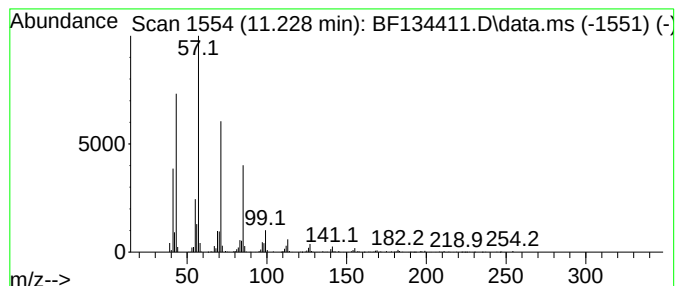
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.228	37.33 ng	647928	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	93
2			Tetracosane	338	C24H50	000646-31-1	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Tetradecane	198	C14H30	000629-59-4	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
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Acq On : 21 Jul 2023 20:43
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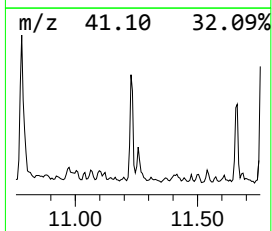
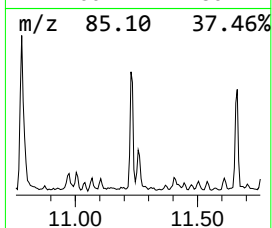
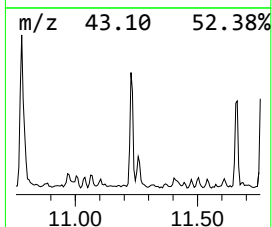
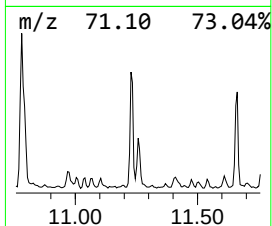
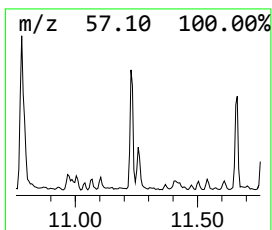
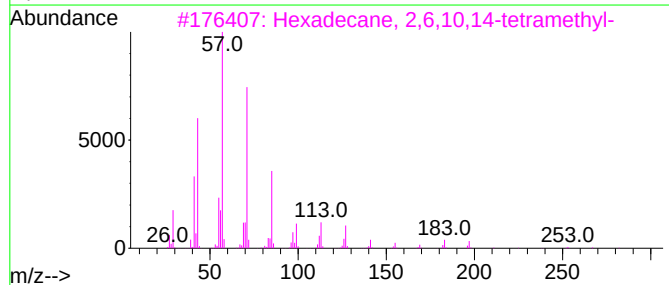
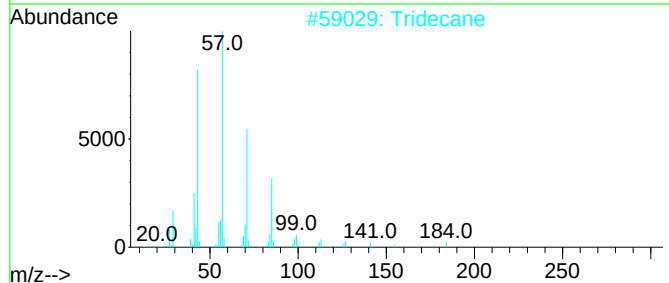
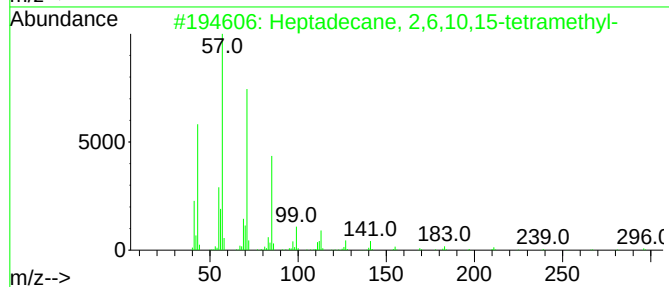
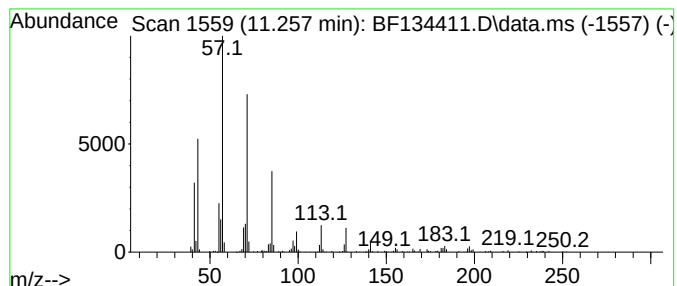
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	18.22 ng	316205	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Tridecane	184	C13H28	000629-50-5	83
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Decane, 2-methyl-	156	C11H24	006975-98-0	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
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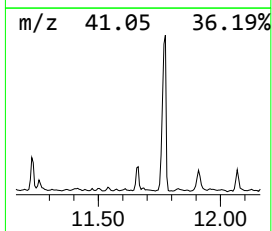
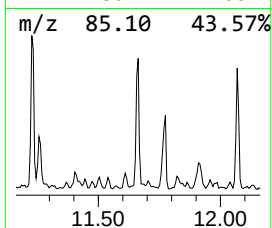
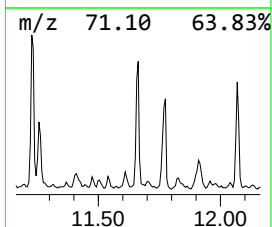
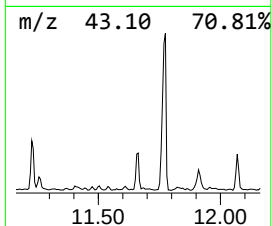
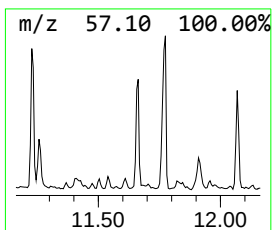
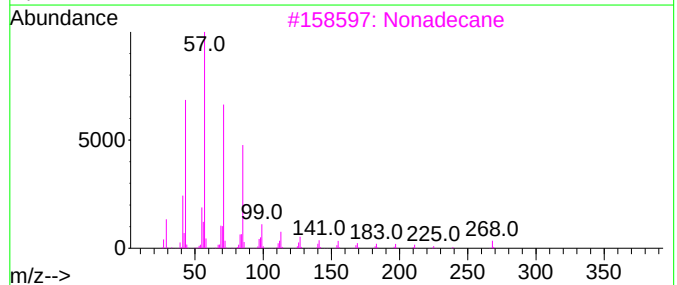
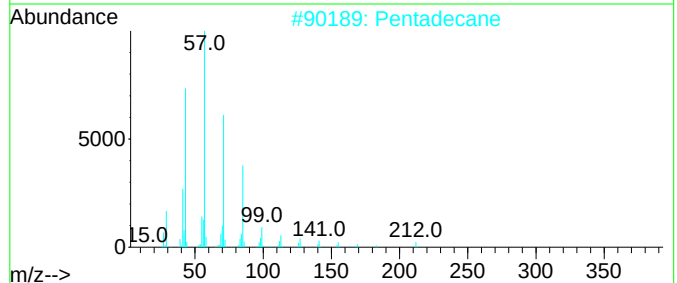
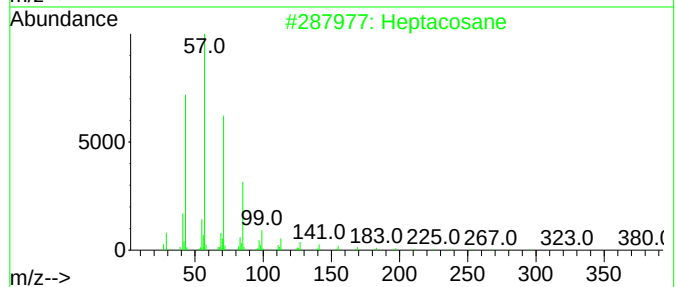
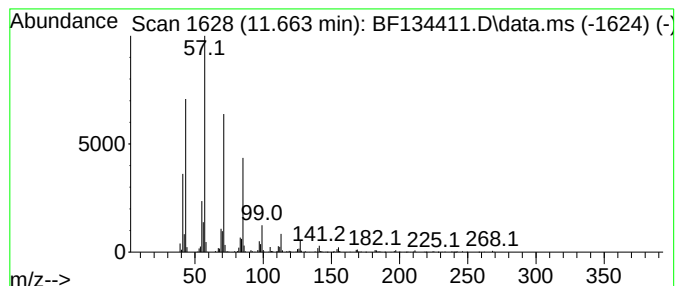
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.663	28.43 ng	493503	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Pentadecane	212	C15H32	000629-62-9	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
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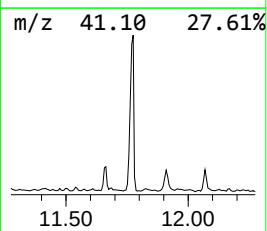
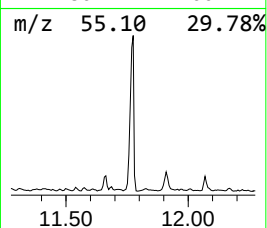
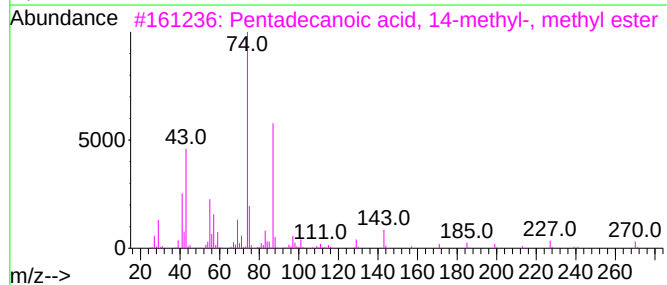
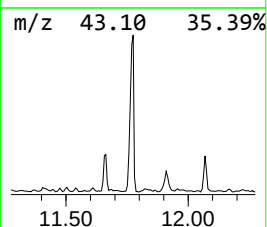
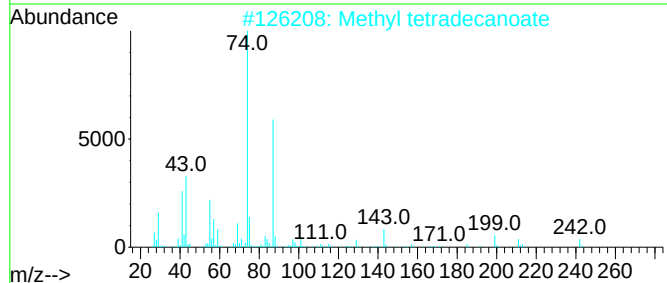
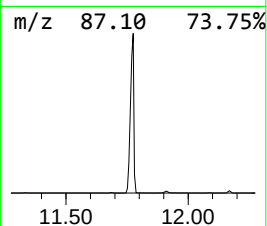
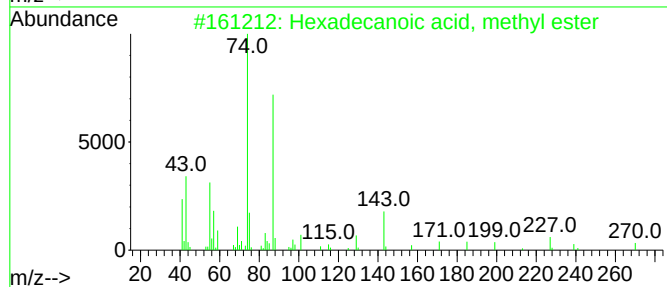
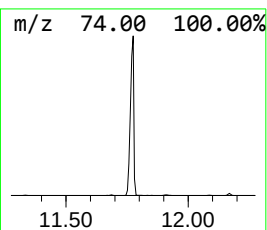
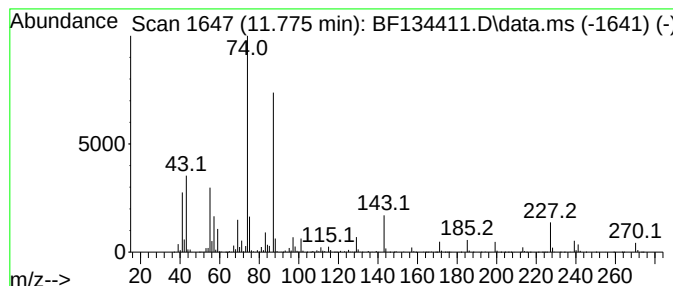
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	286.27 ng	4969370	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
Acq On : 21 Jul 2023 20:43
Operator : CG\JU
Sample : 03659-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-3-071823

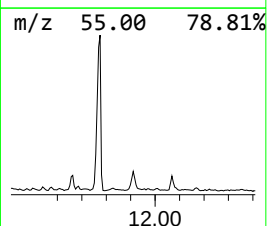
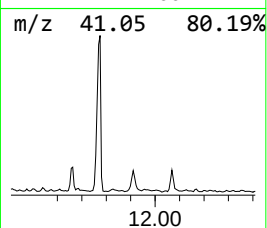
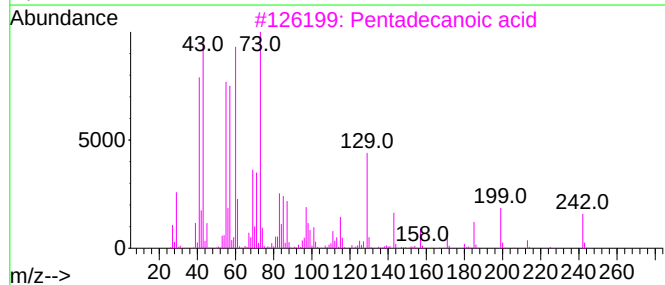
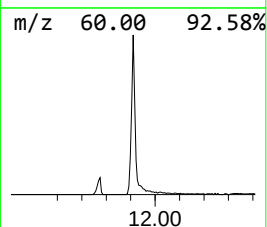
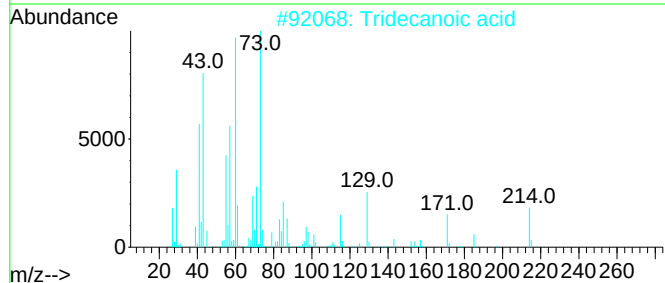
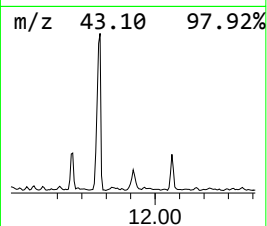
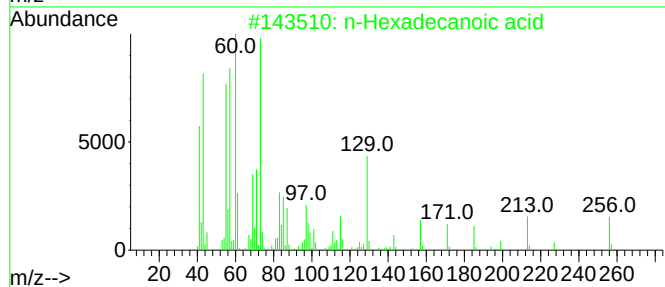
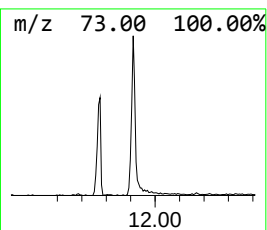
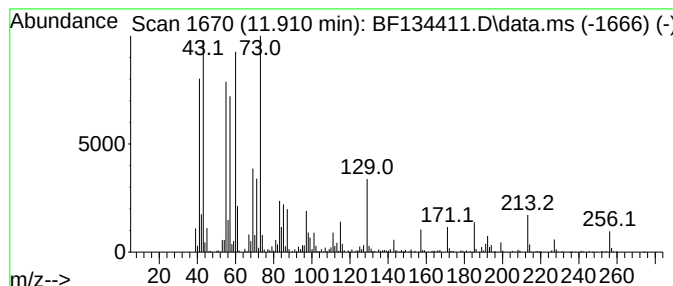
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	31.82 ng	552304	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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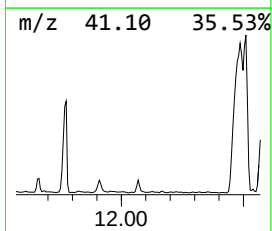
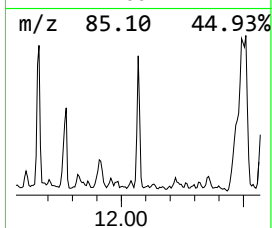
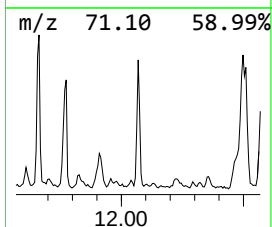
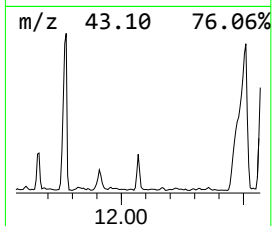
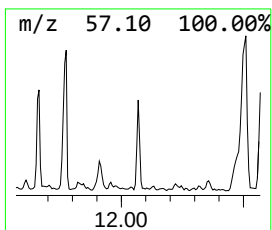
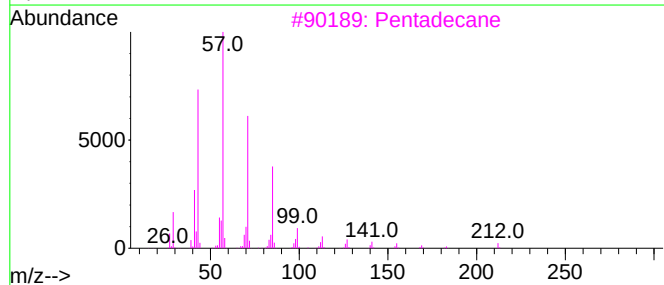
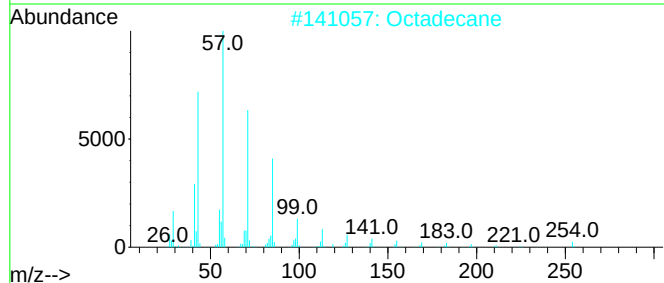
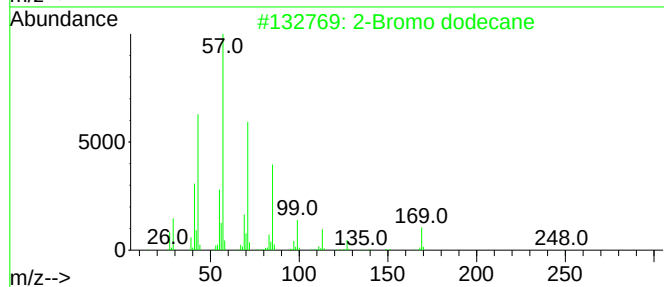
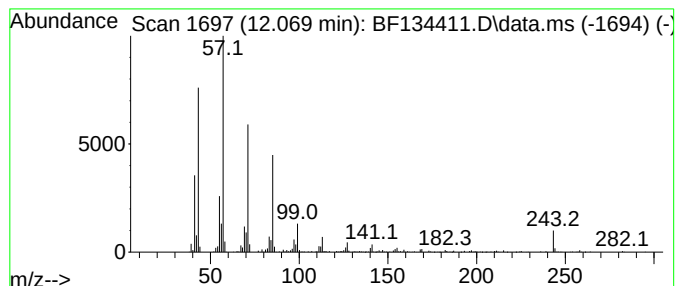
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	30.71 ng	533118	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	92
2		Octadecane	254	C18H38	000593-45-3	89
3		Pentadecane	212	C15H32	000629-62-9	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
Acq On : 21 Jul 2023 20:43
Operator : CG\JU
Sample : 03659-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

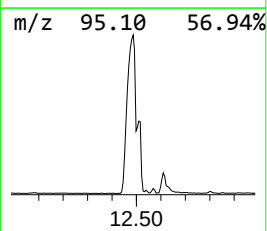
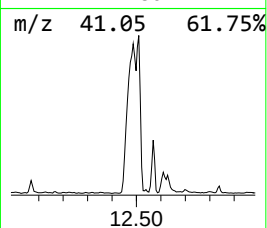
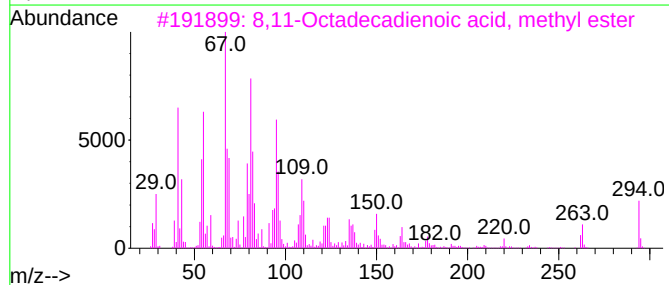
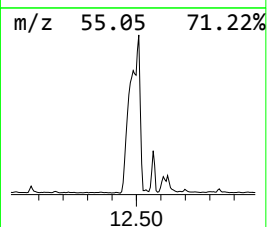
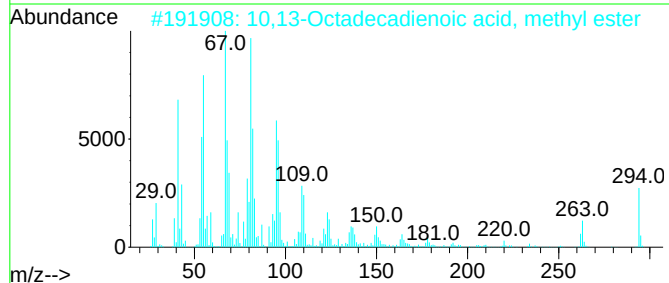
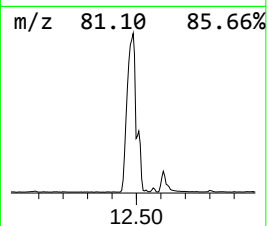
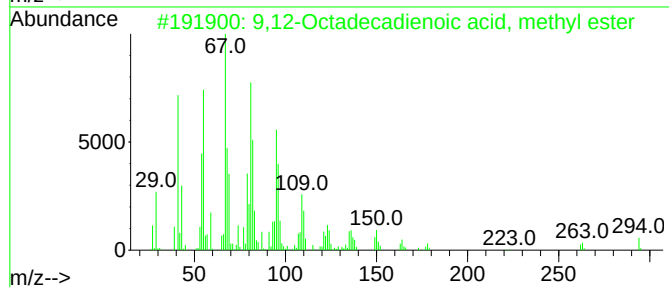
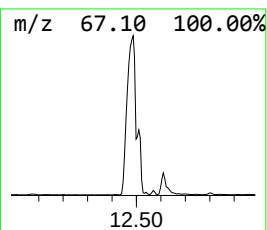
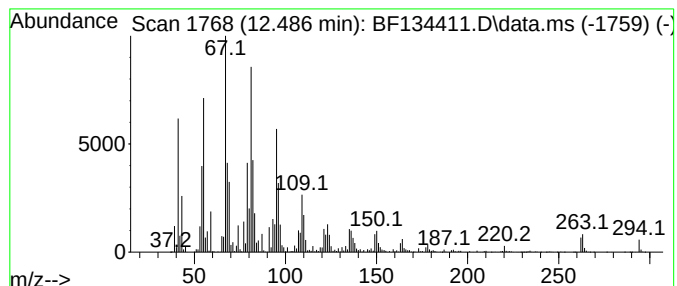
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.486	1166.81 ng	20254500	Phenanthrene-d10	11.369		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
Acq On : 21 Jul 2023 20:43
Operator : CG\JU
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ClientSampleId :
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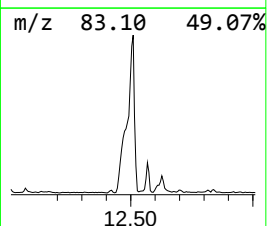
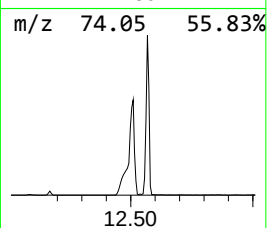
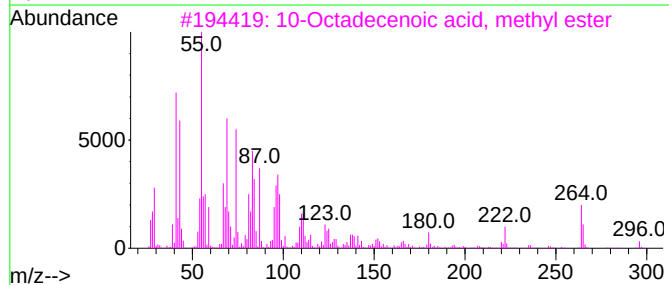
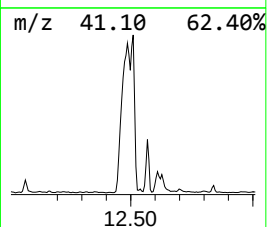
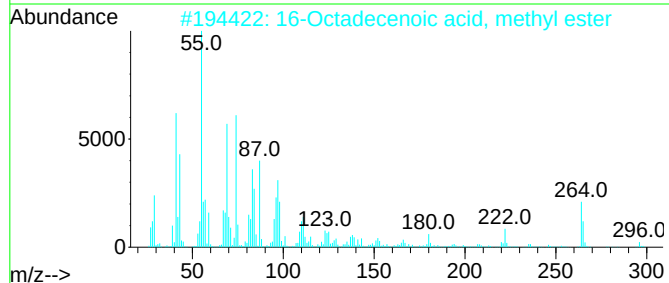
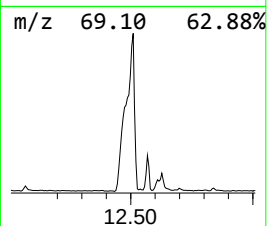
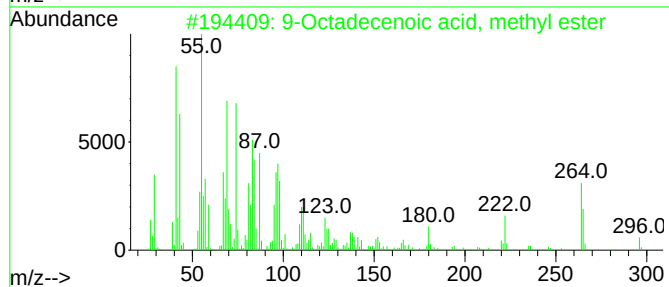
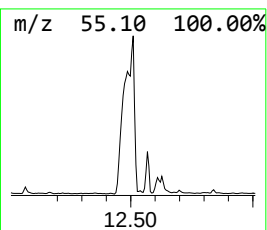
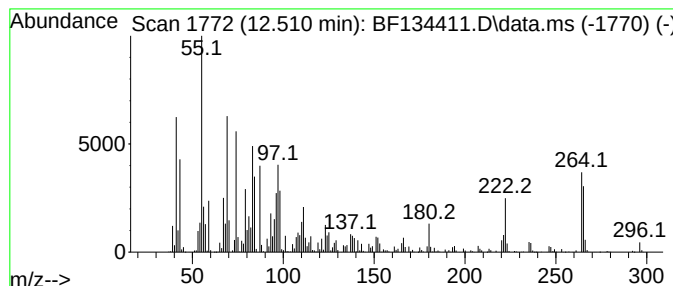
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	485.09 ng	8420550	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	98
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
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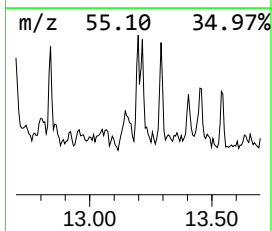
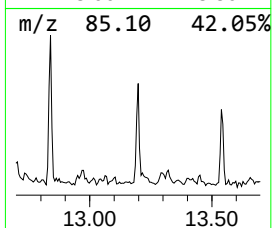
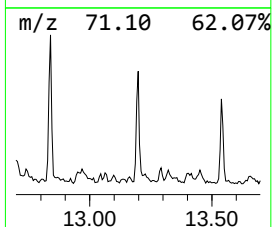
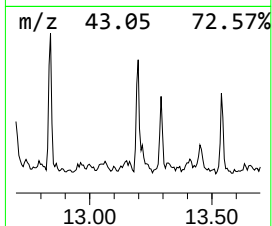
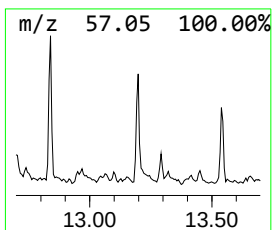
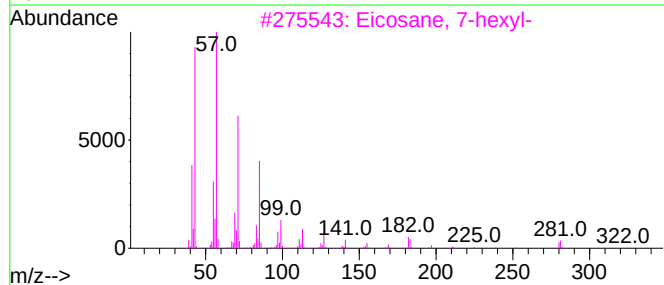
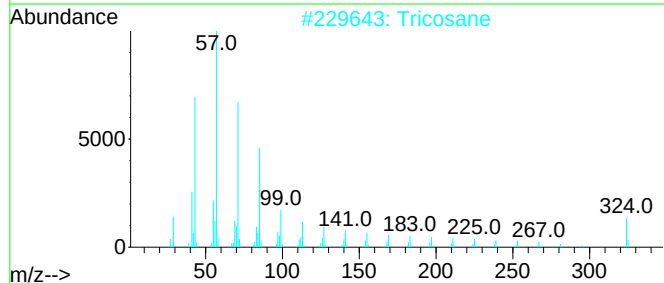
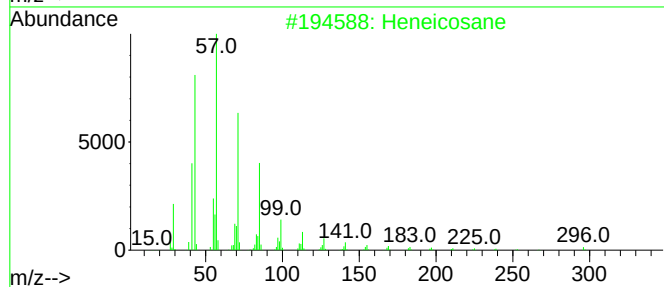
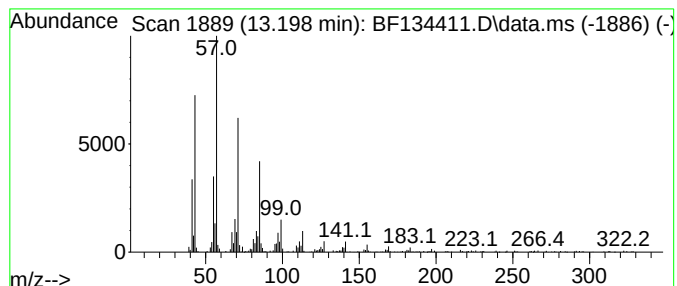
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.198	15.41 ng	235173	Chrysene-d12		14.039	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	97
2	Tricosane		324	C23H48	000638-67-5	94
3	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	91
4	Docosane, 11-butyl-		366	C26H54	013475-76-8	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
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Acq On : 21 Jul 2023 20:43
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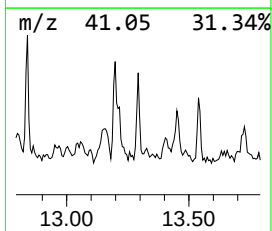
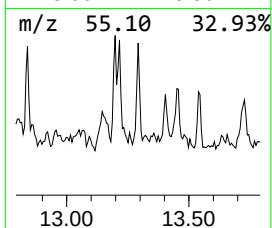
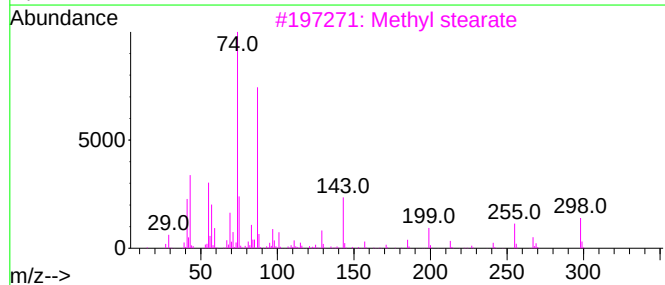
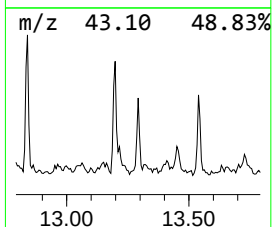
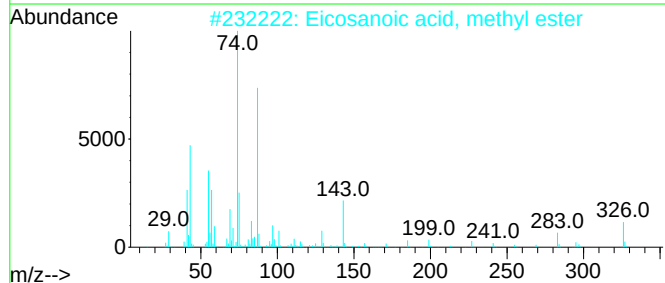
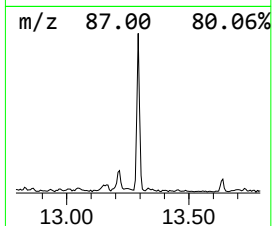
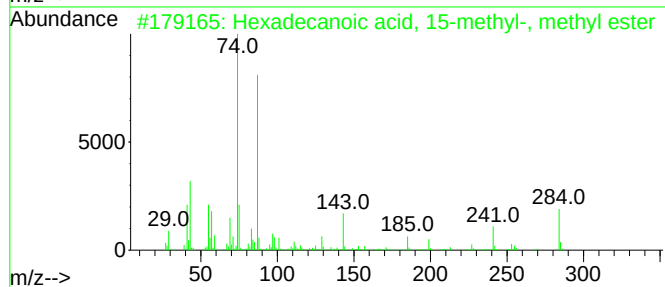
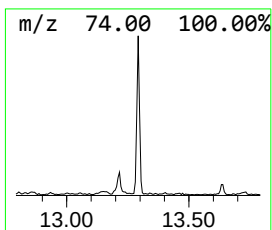
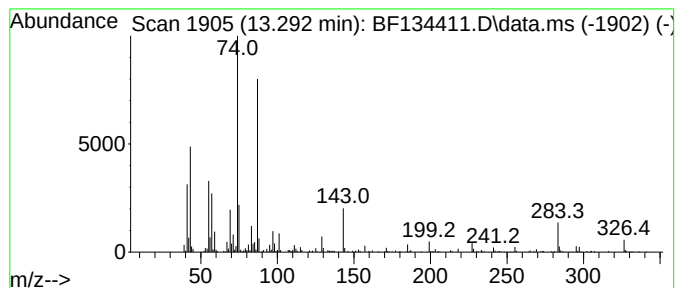
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, 15-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	15.60 ng	238034	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
2			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	91
3			Methyl stearate	298	C19H38O2	000112-61-8	90
4			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-3-071823

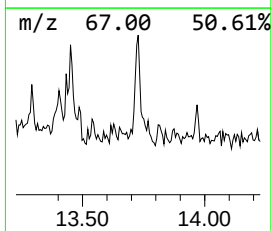
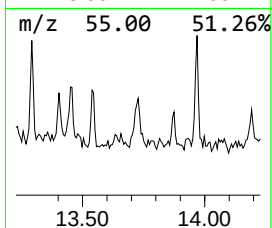
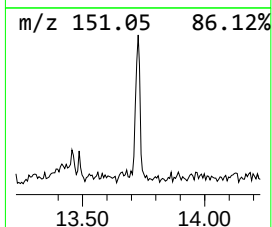
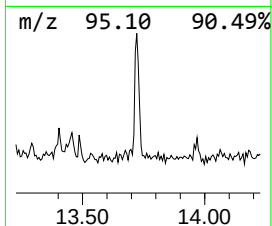
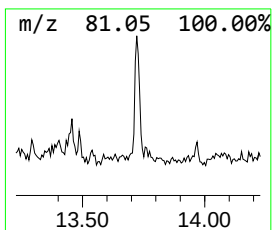
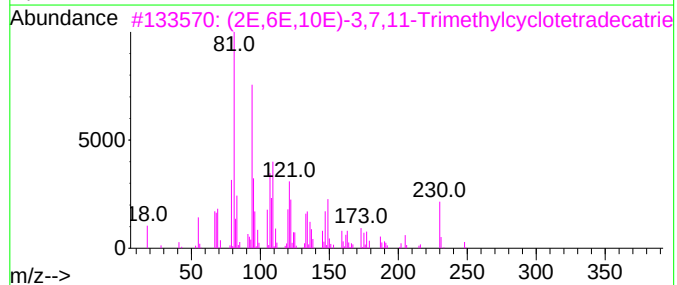
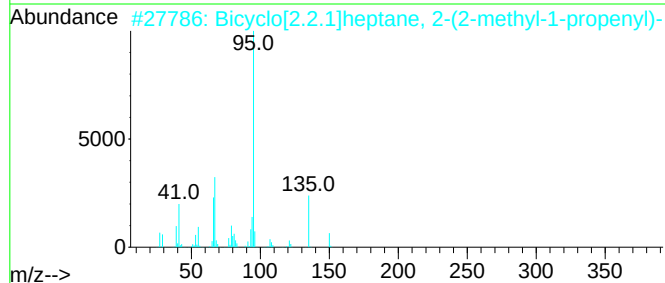
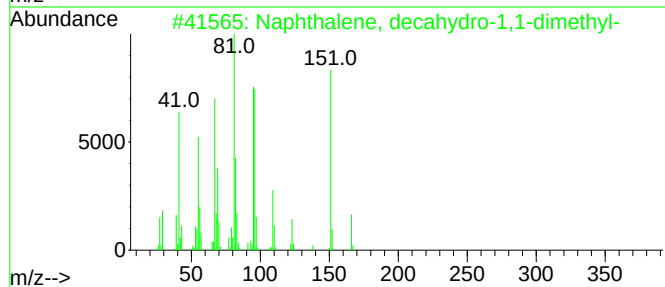
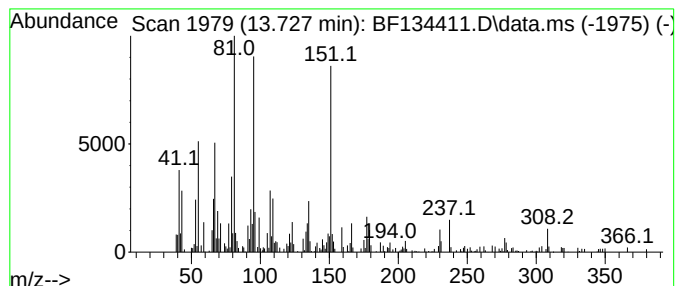
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.727 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	13.62 ng	207892	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	45
2			Bicyclo[2.2.1]heptane, 2-(2-meth...	150	C11H18	061142-27-6	38
3			(2E,6E,10E)-3,7,11-Trimethylcycl...	248	C17H28O	1000426-96-2	30
4			Bicyclo[2.2.1]heptan-2-one, 1-(b...	230	C10H15BrO	064161-50-8	18
5			1-Oxaspiro[2.5]octane, 2,4,4-tri...	166	C11H18O	054345-62-9	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
Data File : BF134411.D
Acq On : 21 Jul 2023 20:43
Operator : CG\JU
Sample : 03659-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

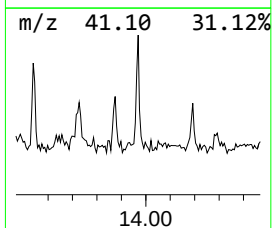
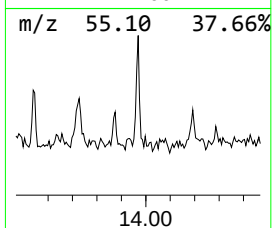
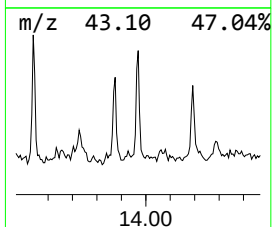
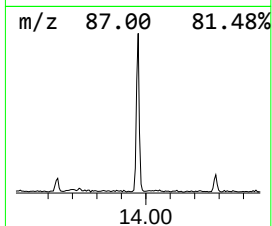
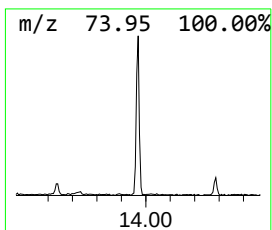
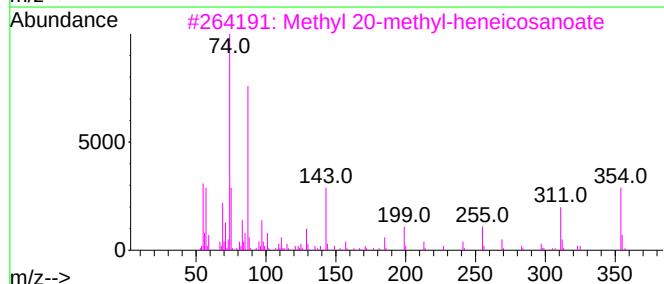
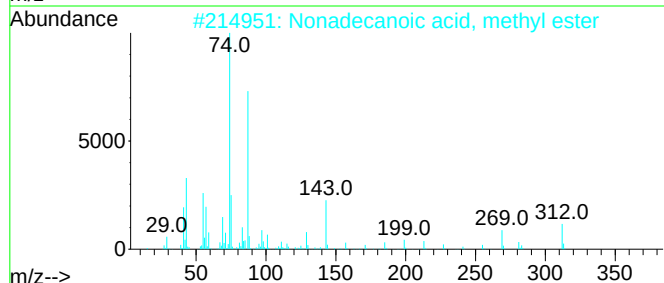
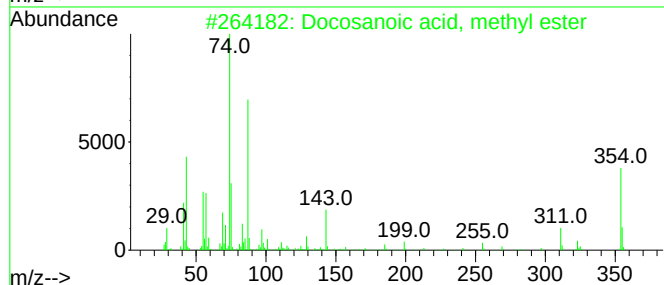
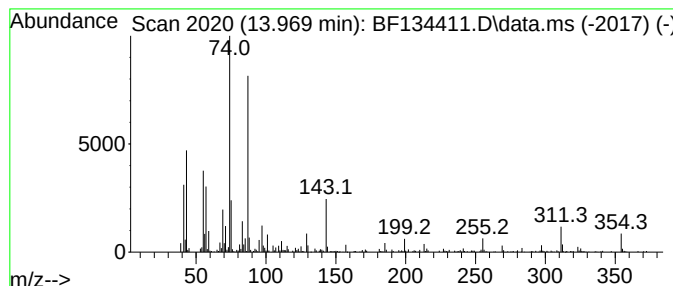
Instrument :
BNA_F
ClientSampleId :
HR-3-071823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.969	16.82 ng	256725	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Methyl stearate	298	C19H38O2	000112-61-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134411.D
 Acq On : 21 Jul 2023 20:43
 Operator : CG\JU
 Sample : 03659-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-3-071823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
Tridecane	8.704	29.9	ng	665847	2	8.116	445475	20.0
Tridecane, 2-me...	9.069	13.2	ng	246472	3	9.875	374298	20.0
Tetradecane	9.269	44.8	ng	837513	3	9.875	374298	20.0
Hexadecane	9.804	45.4	ng	849539	3	9.875	374298	20.0
Dodecane, 2-met...	10.122	16.6	ng	311479	3	9.875	374298	20.0
Nonadecane	10.304	46.2	ng	865287	3	9.875	374298	20.0
Undecane, 3,6-d...	10.522	22.5	ng	420684	3	9.875	374298	20.0
Heptadecane	10.781	61.9	ng	1075030	4	11.369	347176	20.0
Octadecane	11.228	37.3	ng	647928	4	11.369	347176	20.0
Heptadecane, 2,...	11.257	18.2	ng	316205	4	11.369	347176	20.0
Heptacosane	11.663	28.4	ng	493503	4	11.369	347176	20.0
Hexadecanoic ac...	11.775	286.3	ng	4969370	4	11.369	347176	20.0
n-Hexadecanoic ...	11.910	31.8	ng	552304	4	11.369	347176	20.0
2-Bromo dodecane	12.069	30.7	ng	533118	4	11.369	347176	20.0
9,12-Octadecadi...	12.486	1166.8	ng	20254500	4	11.369	347176	20.0
9-Octadecenoic ...	12.510	485.1	ng	8420550	4	11.369	347176	20.0
Heneicosane	13.198	15.4	ng	235173	5	14.039	305187	20.0
Hexadecanoic ac...	13.292	15.6	ng	238034	5	14.039	305187	20.0
unknown13.727	13.727	13.6	ng	207892	5	14.039	305187	20.0
Docosanoic acid...	13.969	16.8	ng	256725	5	14.039	305187	20.0