

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136322.D
 Acq On : 30 Nov 2023 19:41
 Operator : CG\JU
 Sample : 05562-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112823

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-BF112723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136322.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.445	565	571	574	rBV	3119150	2967208	26.84%	5.798%
2	6.439	735	740	743	rBV	2854387	2829199	25.59%	5.528%
3	6.804	798	802	805	rBV	962023	713647	6.46%	1.395%
4	7.363	887	897	900	rBV	1810273	1889019	17.09%	3.691%
5	8.080	1014	1019	1022	rBV	1119077	948550	8.58%	1.854%
6	8.675	1117	1120	1123	rBV3	182146	152186	1.38%	0.297%
7	9.163	1198	1203	1206	rBV	3653976	3296493	29.82%	6.442%
8	9.239	1213	1216	1220	rBV	328374	317769	2.87%	0.621%
9	9.563	1266	1271	1273	rBV3	198387	224097	2.03%	0.438%
10	9.586	1273	1275	1278	rVV3	138162	125661	1.14%	0.246%
11	9.774	1304	1307	1311	rVB	559209	404257	3.66%	0.790%
12	9.839	1311	1318	1321	rBV	1017776	908431	8.22%	1.775%
13	10.098	1358	1362	1365	rBV3	128218	143784	1.30%	0.281%
14	10.274	1389	1392	1395	rVB	562009	425572	3.85%	0.832%
15	10.498	1424	1430	1433	rBV	218214	282217	2.55%	0.551%
16	10.627	1447	1452	1455	rBV	1663443	1394986	12.62%	2.726%
17	10.751	1470	1473	1482	rVB	568547	627021	5.67%	1.225%
18	11.204	1547	1550	1552	rBV	400930	326763	2.96%	0.639%
19	11.233	1552	1555	1561	rVB	182271	197246	1.78%	0.385%
20	11.327	1568	1571	1574	rBV	782422	657995	5.95%	1.286%
21	11.633	1619	1623	1625	rBV	315061	269042	2.43%	0.526%
22	11.733	1636	1640	1644	rVB	3305670	2809991	25.42%	5.491%
23	11.868	1659	1663	1666	rBV2	461879	447010	4.04%	0.873%
24	11.904	1666	1669	1672	rVB	3457221	3076724	27.83%	6.012%
25	12.039	1689	1692	1698	rVB	279037	244085	2.21%	0.477%
26	12.439	1754	1760	1761	rBV	8603044	11055128	100.00%	21.603%
27	12.457	1761	1763	1768	rVB2	7588155	6570265	59.43%	12.839%
28	12.533	1773	1776	1780	rVV2	1567675	1532358	13.86%	2.994%
29	12.580	1783	1784	1792	rVB3	243928	269029	2.43%	0.526%
30	12.657	1793	1797	1803	rVB4	170758	195213	1.77%	0.381%
31	12.774	1815	1817	1820	rVV	268776	251936	2.28%	0.492%
32	12.804	1820	1822	1825	rVB	143942	126693	1.15%	0.248%
33	12.927	1838	1843	1847	rBV	2807244	2547268	23.04%	4.978%
34	13.168	1880	1884	1888	rBV3	152666	228926	2.07%	0.447%
35	13.304	1903	1907	1910	rBV5	85145	123632	1.12%	0.242%
36	13.463	1931	1934	1937	rBV	139373	116445	1.05%	0.228%

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Instrument :
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ClientSampleId :
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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-BF112723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.510	1939	1942	1945	rVB	121855	111064	1.00%	0.217%
38	13.980	2017	2022	2025	rBV2	809933	872539	7.89%	1.705%
39	14.010	2025	2027	2029	rVB	161814	123223	1.11%	0.241%
40	14.121	2043	2046	2049	rBV2	223475	187178	1.69%	0.366%
41	14.468	2102	2105	2107	rBV2	123633	110877	1.00%	0.217%
42	14.745	2149	2152	2155	rBV	113842	111043	1.00%	0.217%
43	15.027	2197	2200	2204	rBV	144160	221996	2.01%	0.434%
44	15.133	2215	2218	2222	rVB3	97879	123771	1.12%	0.242%
45	15.398	2260	2263	2269	rVB	114862	133535	1.21%	0.261%
46	15.468	2270	2275	2278	rBV	400992	483789	4.38%	0.945%

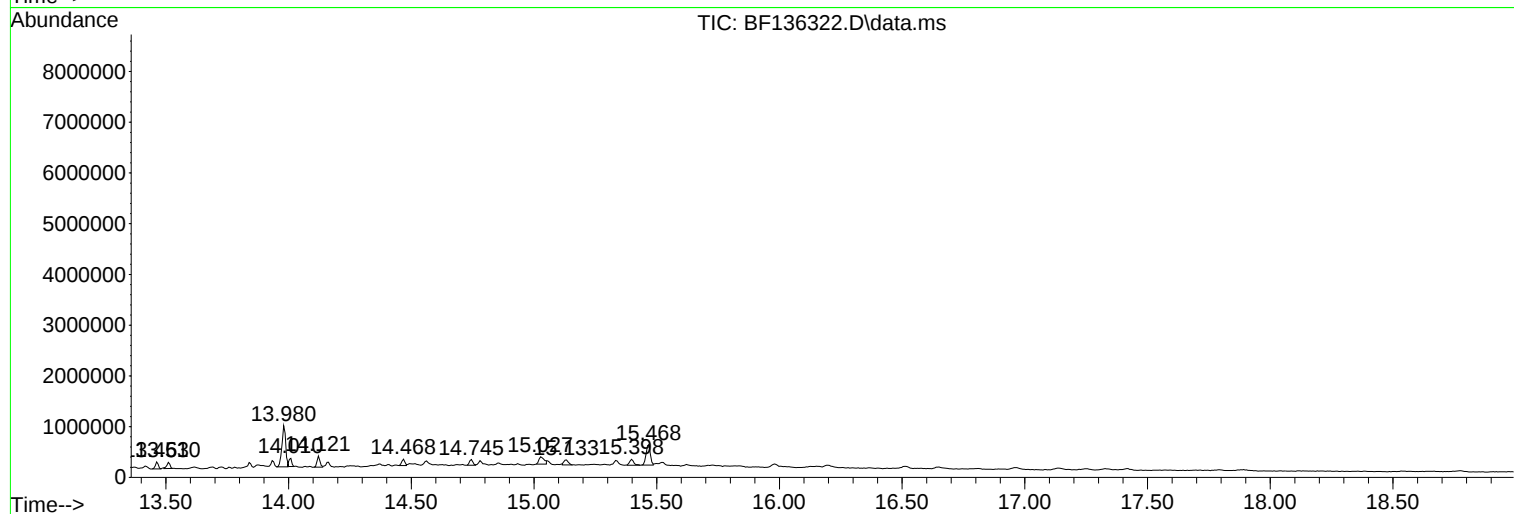
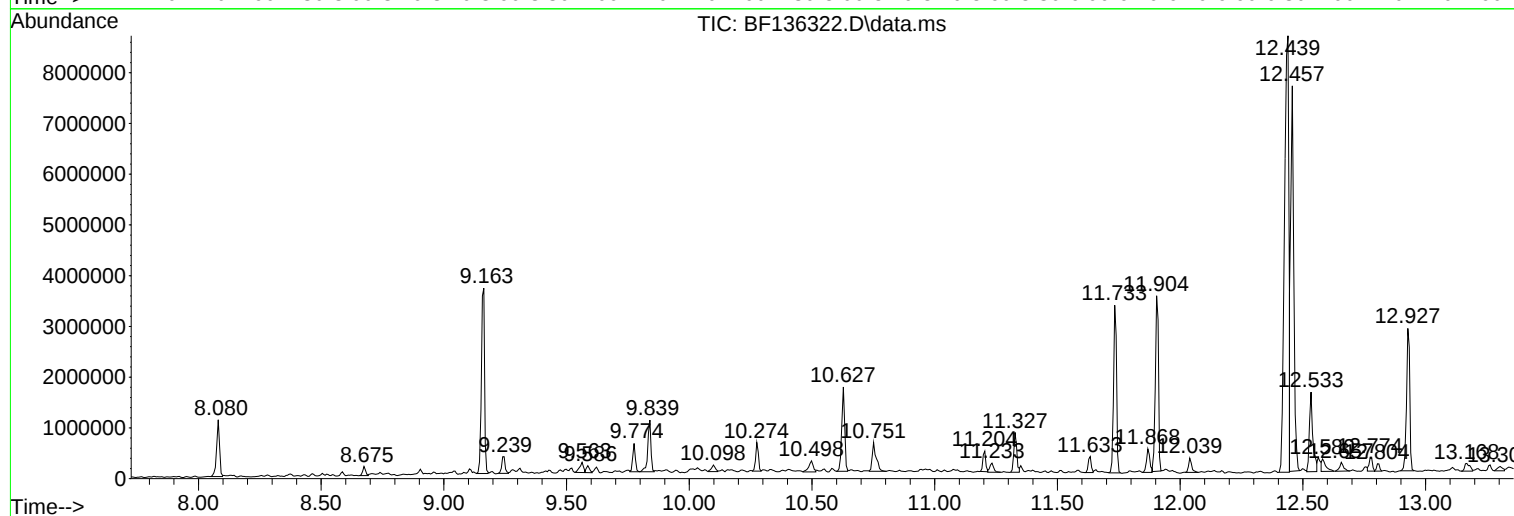
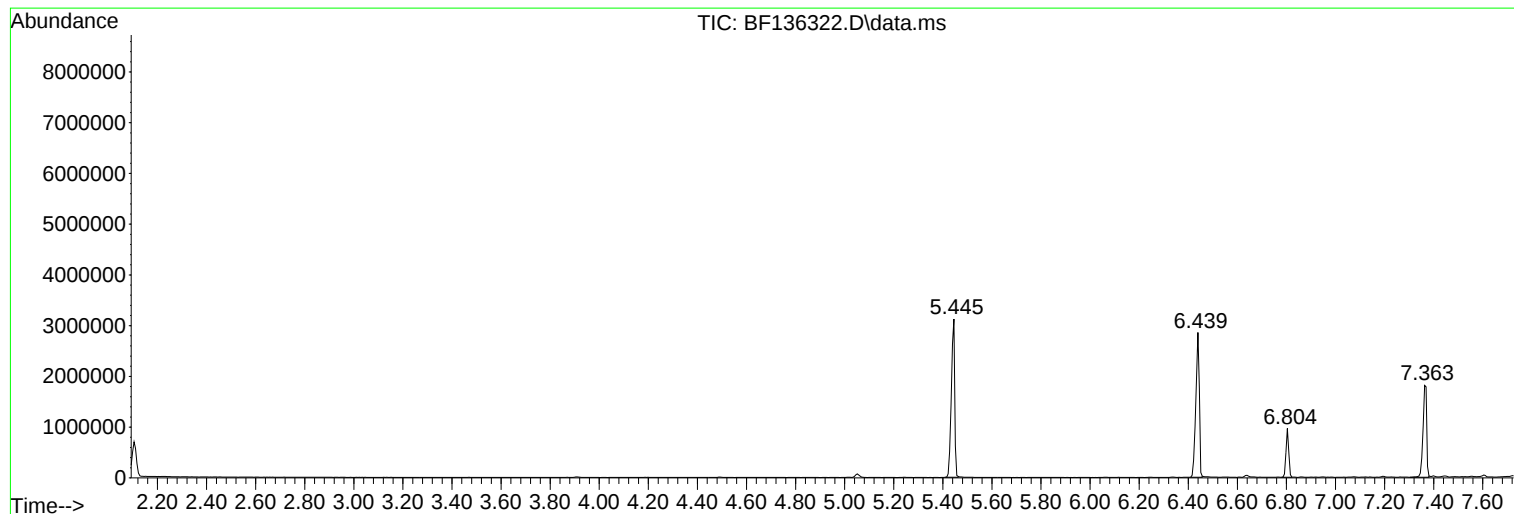
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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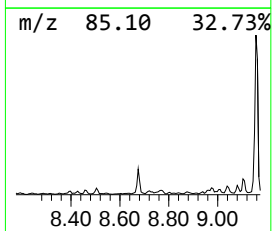
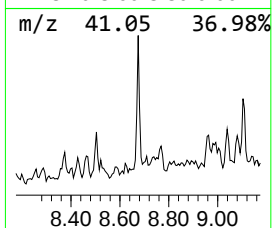
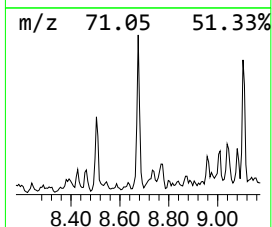
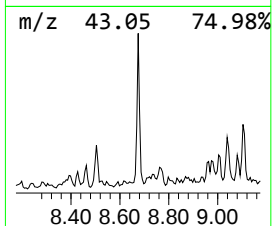
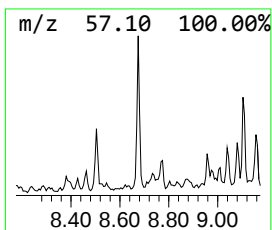
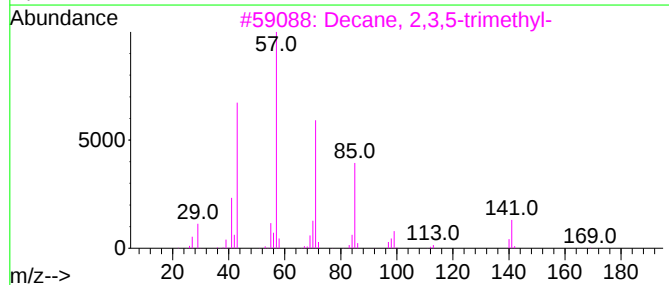
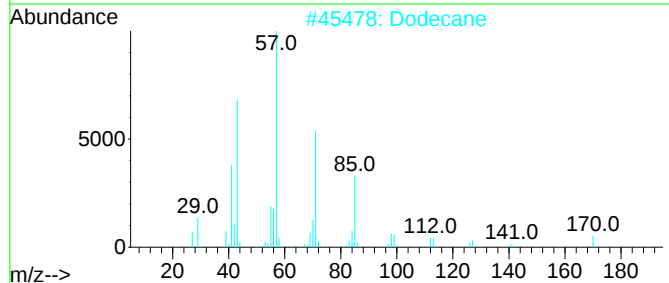
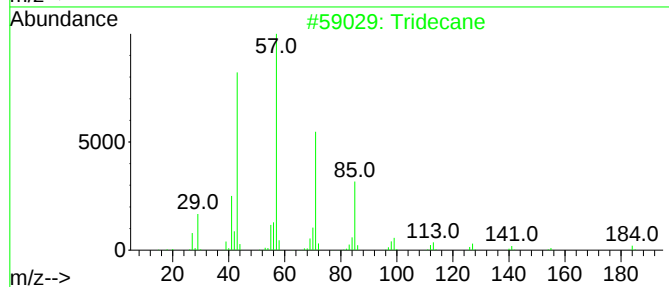
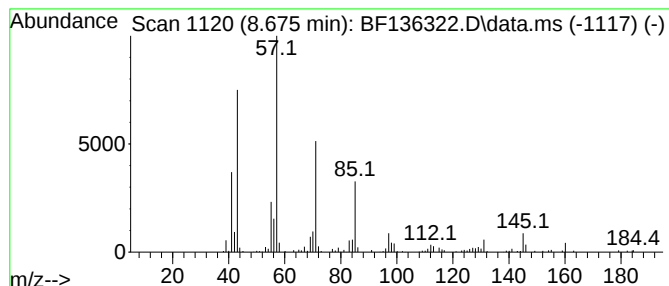
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.675	3.21 ng	152186	Naphthalene-d8	8.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Dodecane	170	C12H26	000112-40-3	72
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
4			Hexadecane	226	C16H34	000544-76-3	58
5			Undecane	156	C11H24	001120-21-4	58



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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-112823

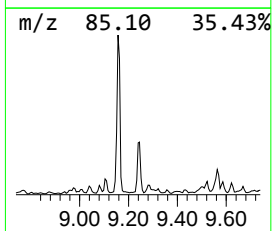
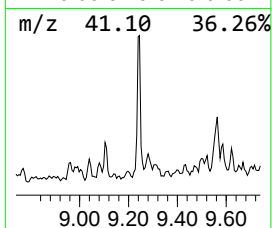
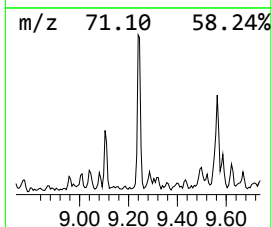
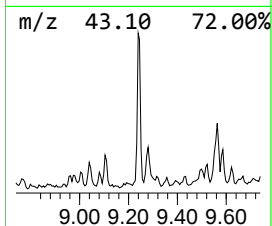
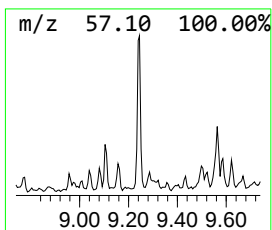
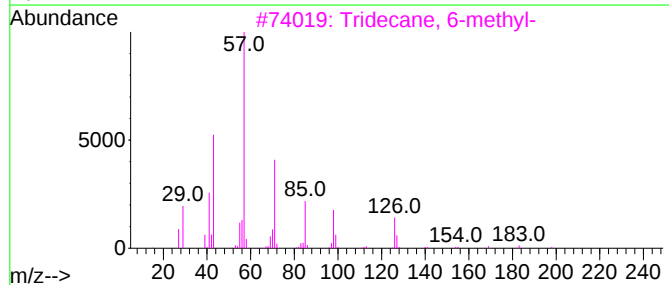
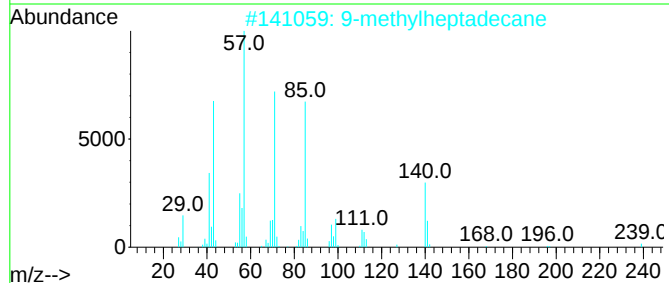
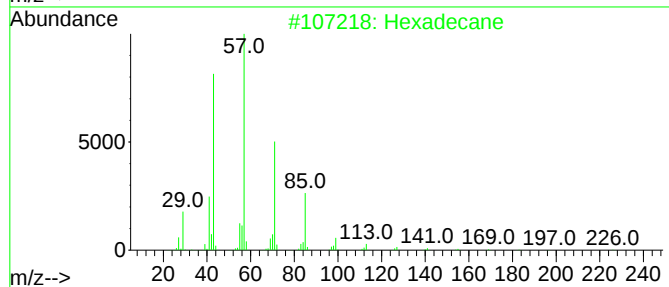
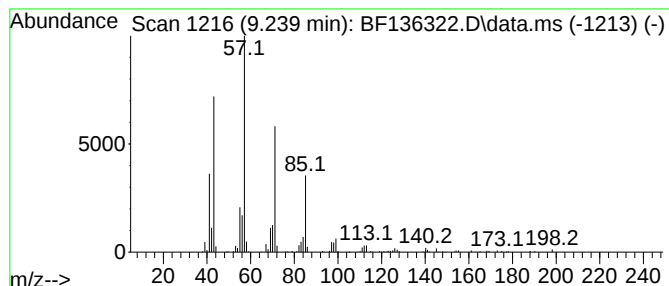
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	7.00 ng	317769	Acenaphthene-d10	9.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		9-methylheptadecane	254	C18H38	026741-18-4	90
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4		Tetradecane	198	C14H30	000629-59-4	87
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86



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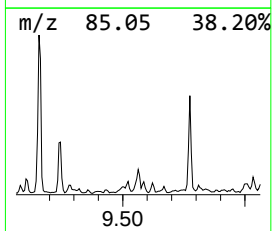
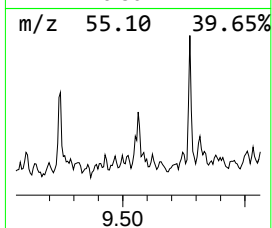
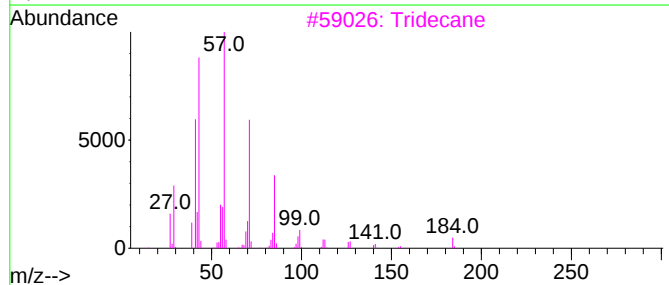
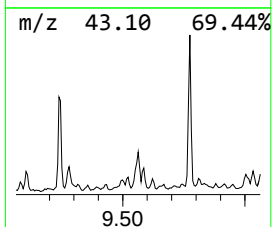
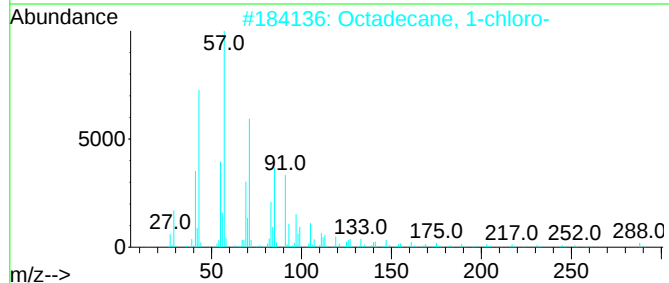
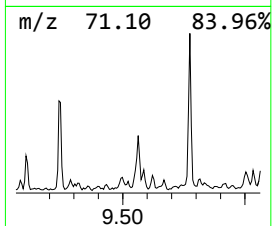
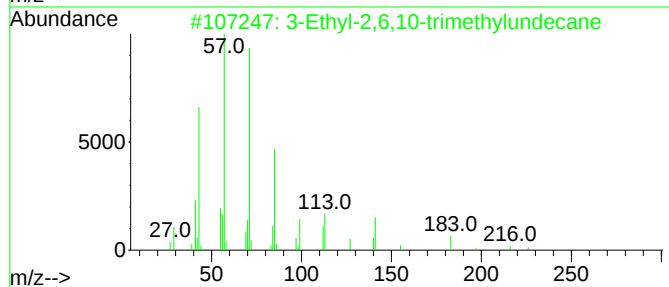
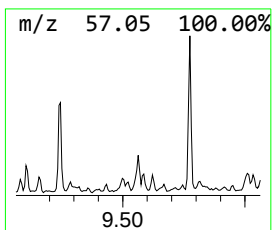
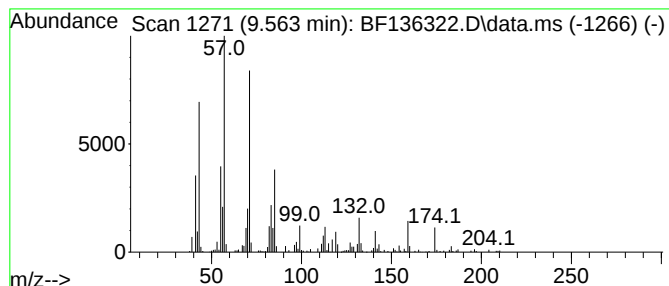
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Ethyl-2,6,10-trimethylund... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	4.93 ng	224097	Acenaphthene-d10	9.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
3		Tridecane	184	C13H28	000629-50-5	70
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	62
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58



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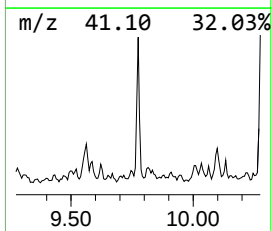
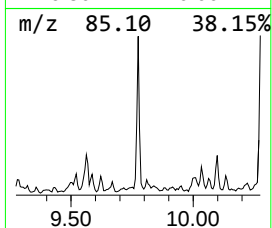
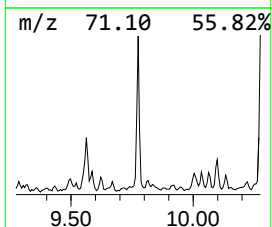
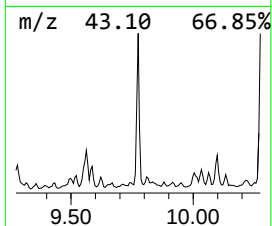
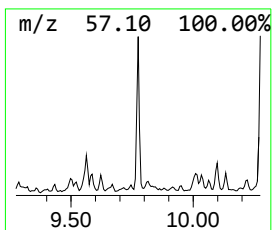
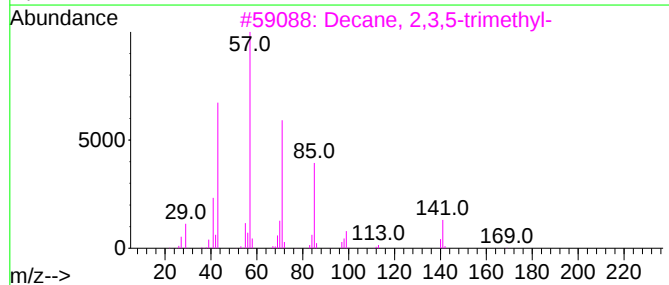
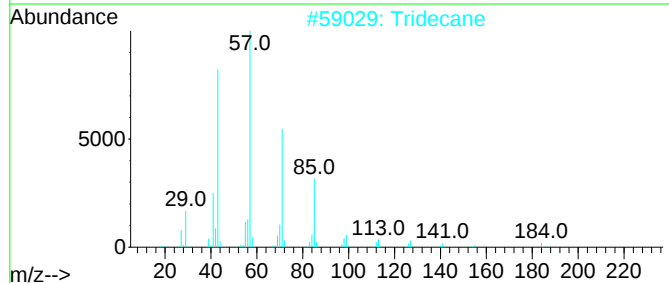
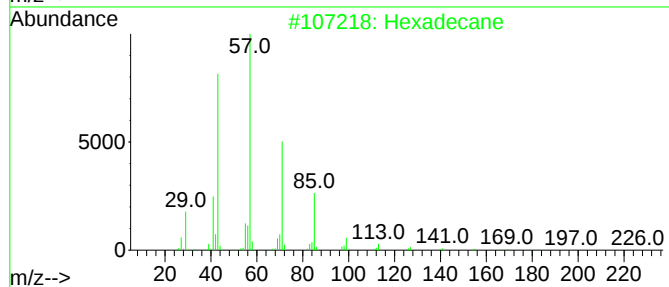
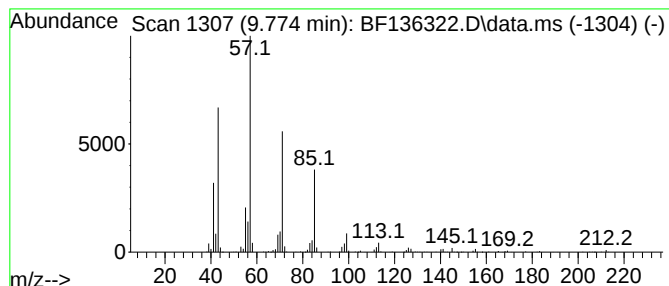
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.774	8.90 ng	404257	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	80
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	78
5			Octadecane	254	C18H38	000593-45-3	78



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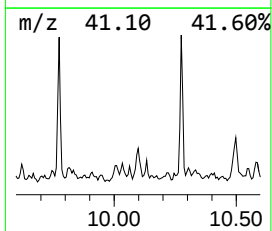
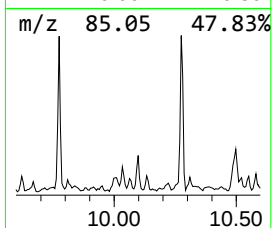
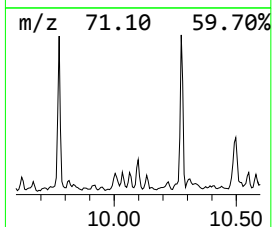
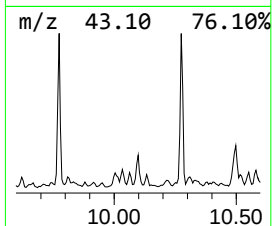
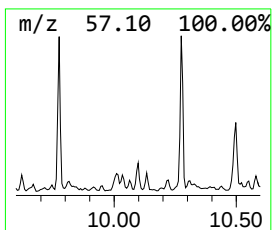
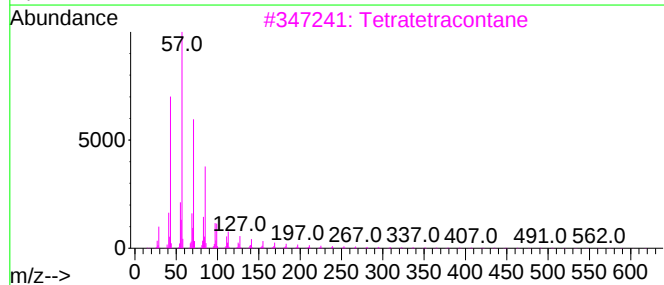
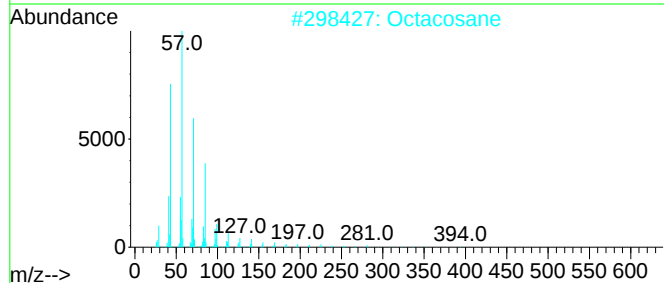
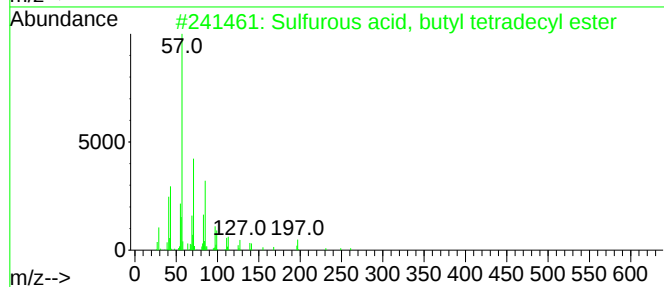
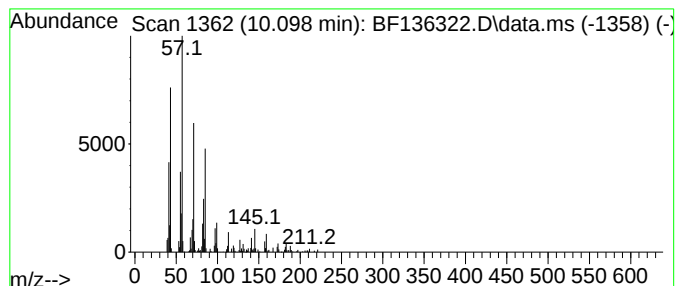
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Sulfurous acid, butyl tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.098	3.17 ng	143784	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	86
2			Octacosane	394	C28H58	000630-02-4	83
3			Tetratetracontane	619	C44H90	007098-22-8	80
4			Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	80
5			Hexacosane	366	C26H54	000630-01-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
Operator : CG\JU
Sample : 05562-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-112823

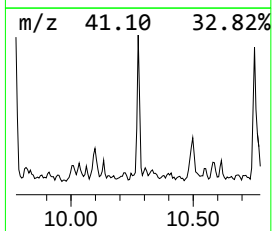
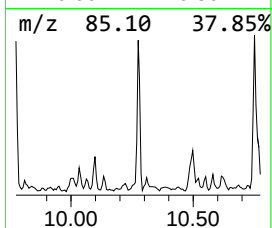
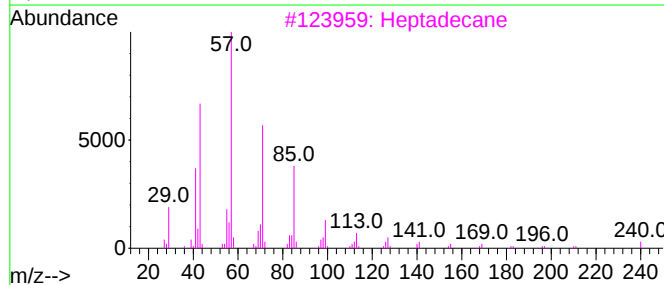
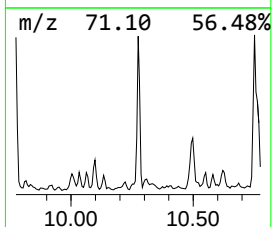
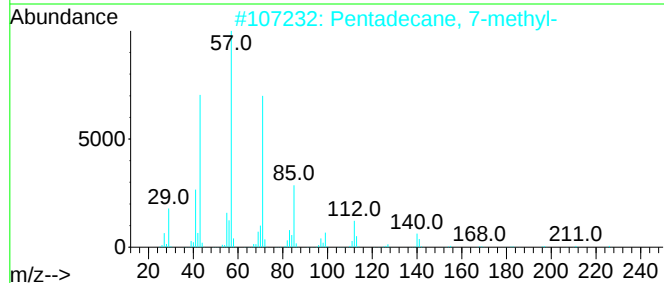
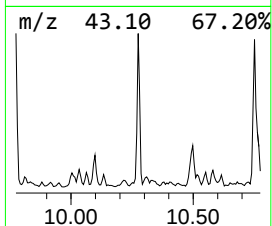
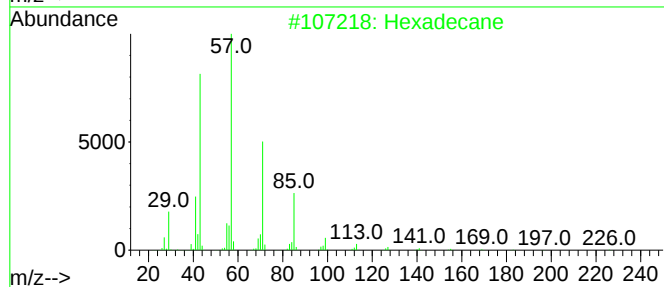
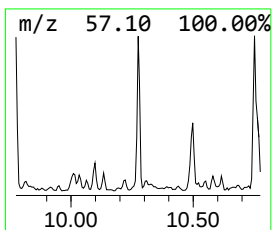
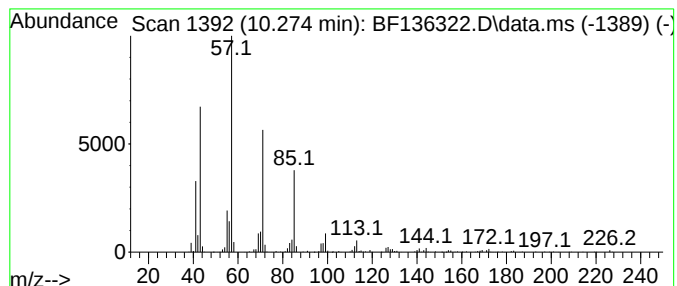
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	9.37 ng	425572	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
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Acq On : 30 Nov 2023 19:41
Operator : CG\JU
Sample : 05562-01
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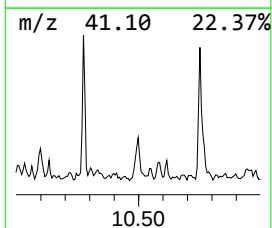
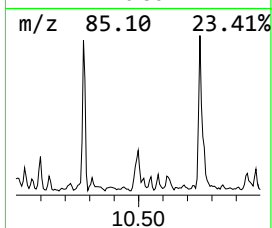
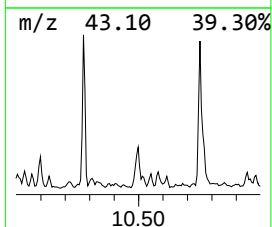
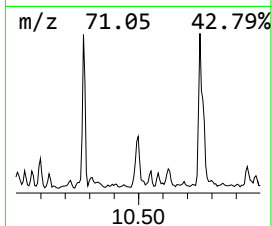
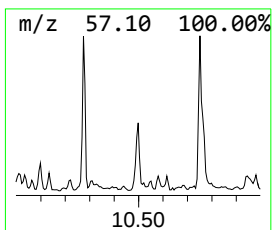
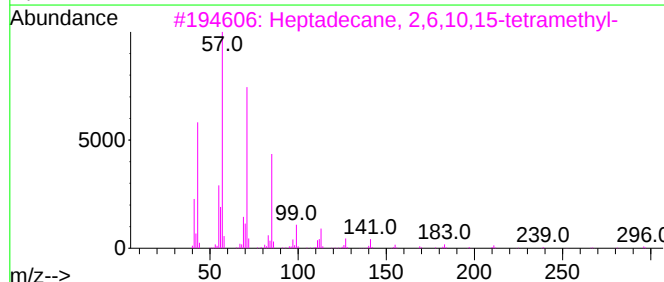
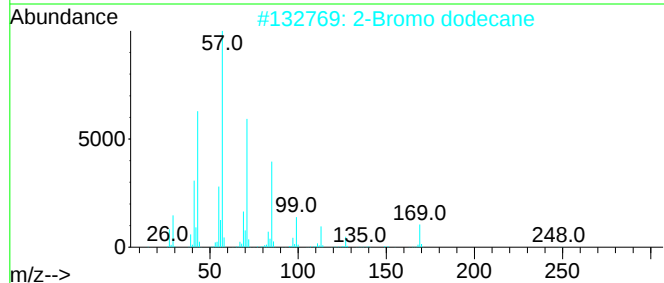
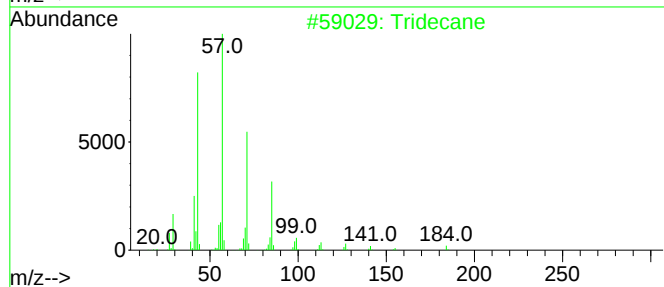
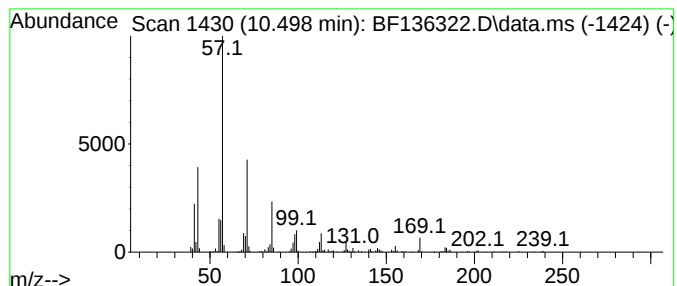
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.498	6.21 ng	282217	Acenaphthene-d10	9.839	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	74
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
5	Docosane	310	C22H46	000629-97-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
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ClientSampleId :
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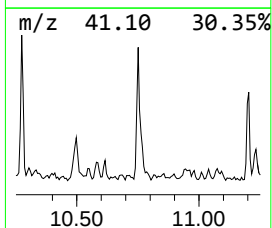
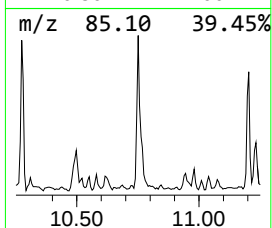
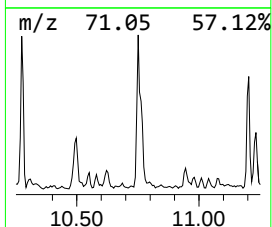
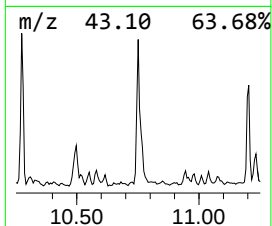
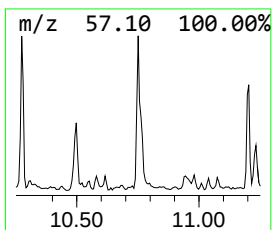
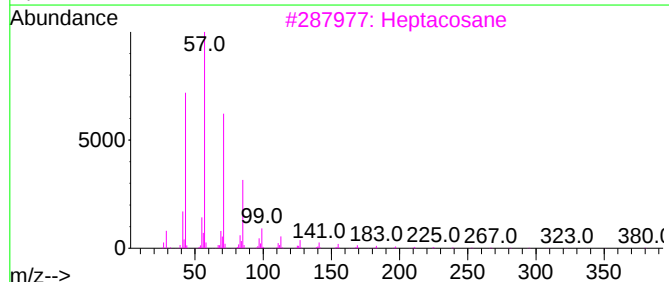
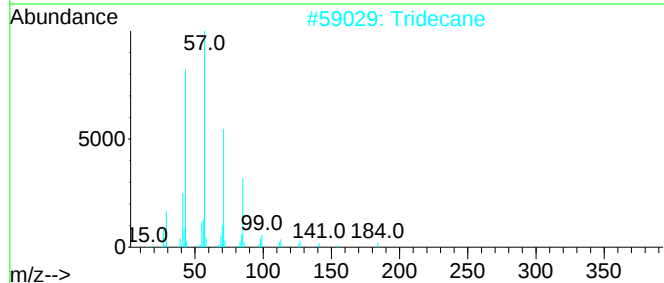
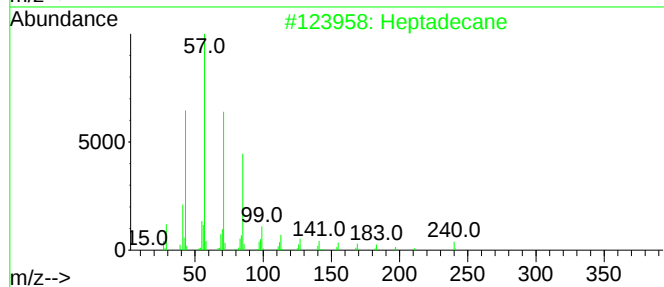
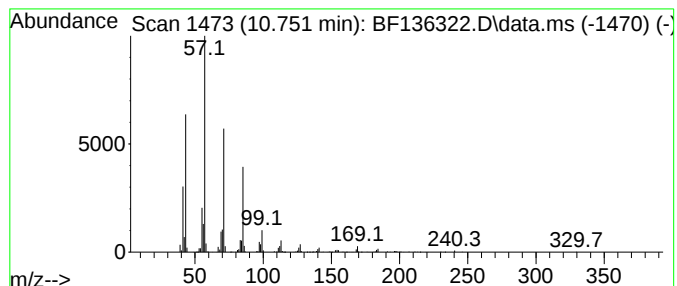
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
10.751	19.06 ng	627021	Phenanthrene-d10	11.327

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Tridecane	184	C13H28	000629-50-5	95
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
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ALS Vial : 18 Sample Multiplier: 1

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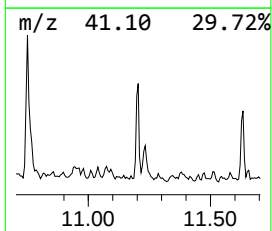
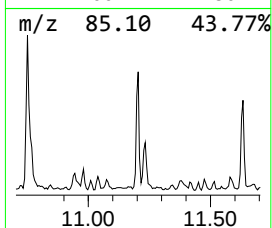
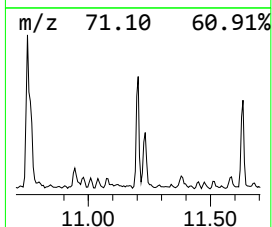
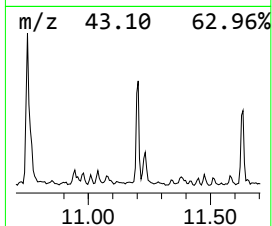
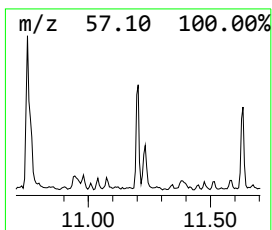
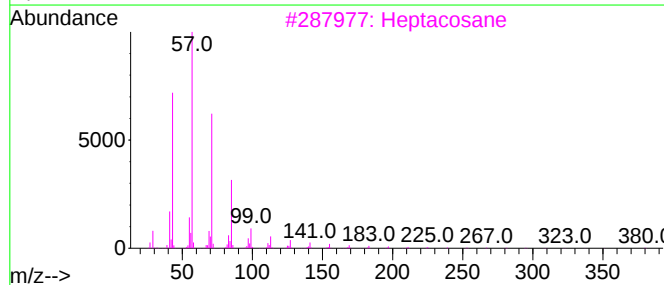
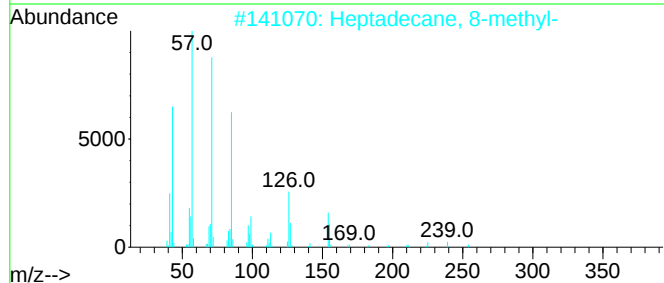
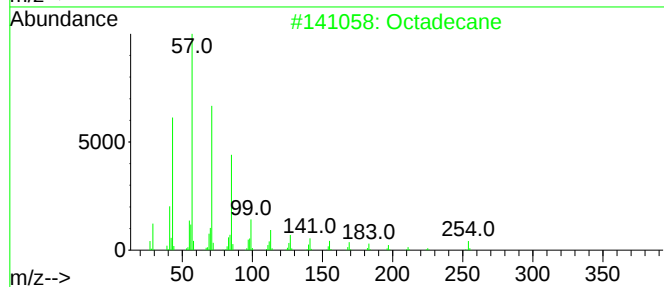
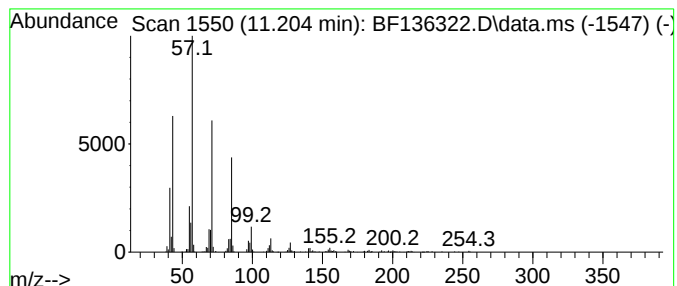
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	9.93 ng	326763	Phenanthrene-d10	11.327

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	94
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetradecane	198	C14H30	000629-59-4	91
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
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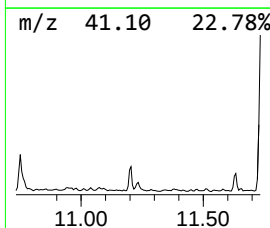
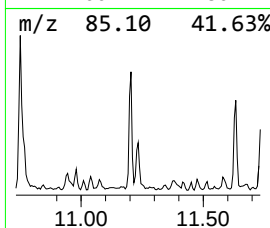
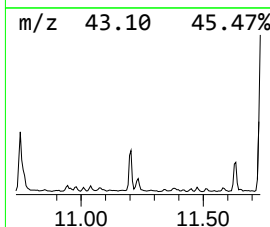
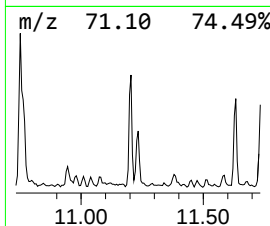
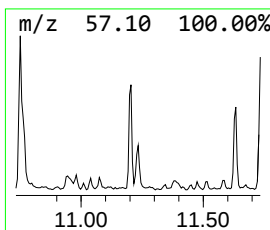
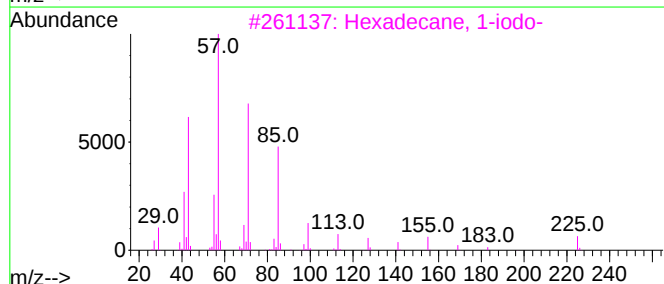
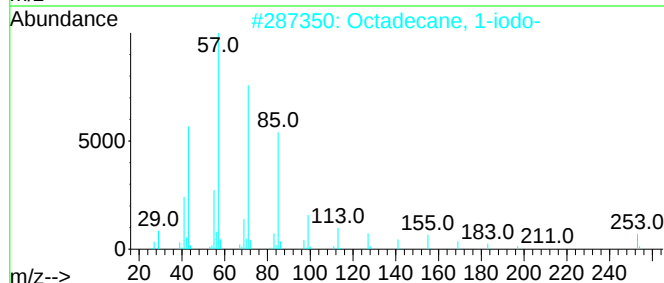
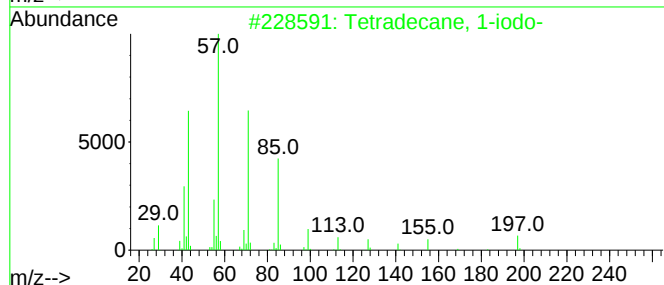
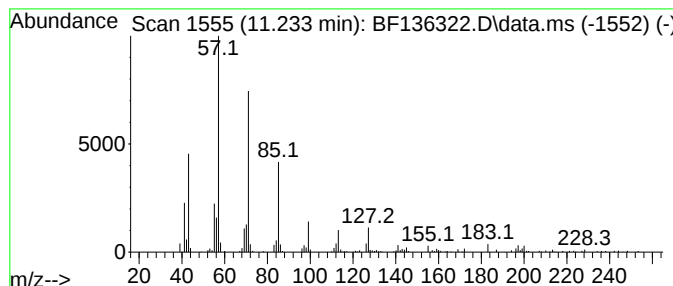
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	6.00 ng	197246	Phenanthrene-d10	11.327

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4		5,5-Dibutylnonane	240	C17H36	006008-17-9	86
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
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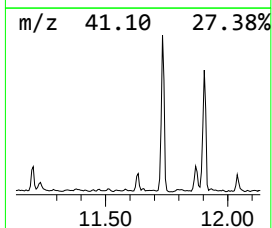
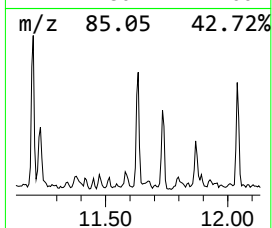
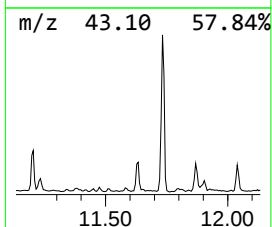
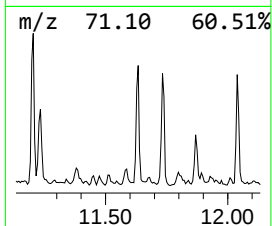
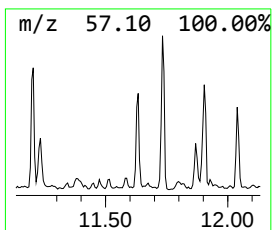
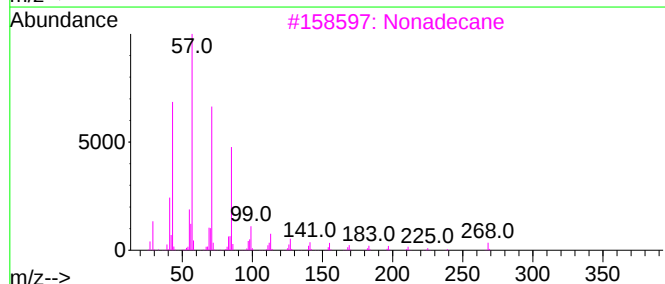
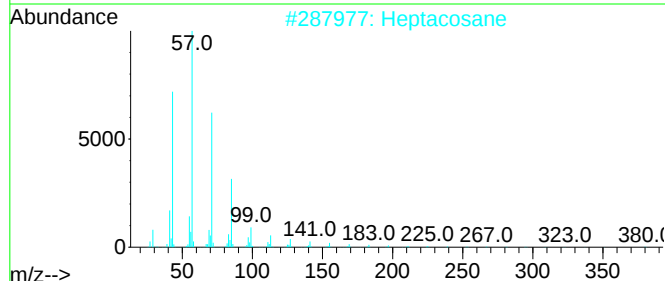
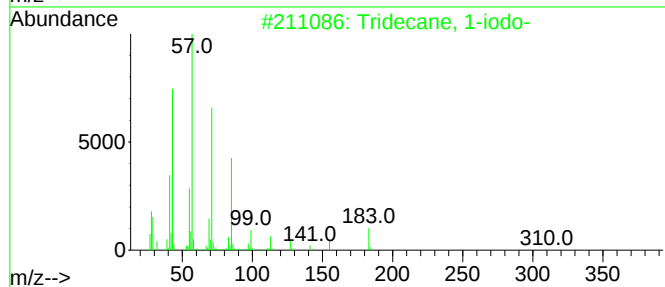
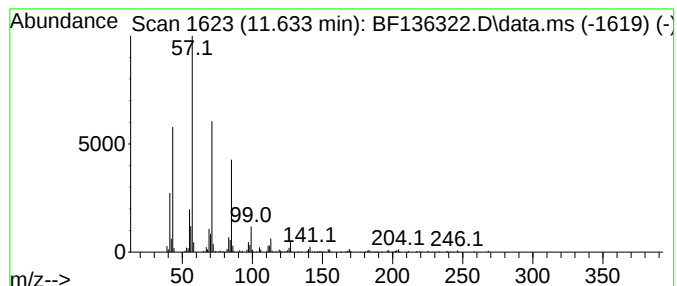
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	8.18 ng	269042	Phenanthrene-d10	11.327

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-112823

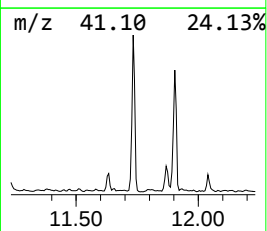
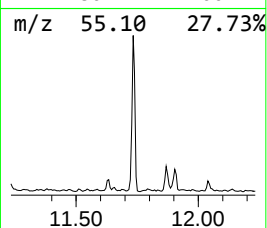
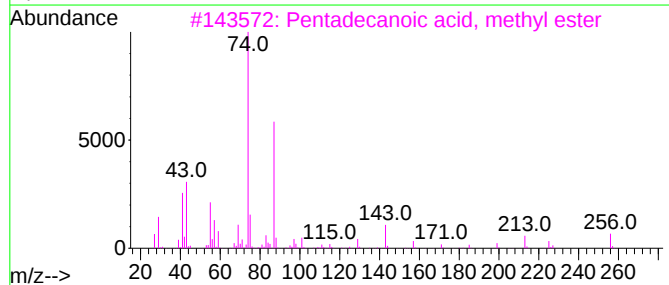
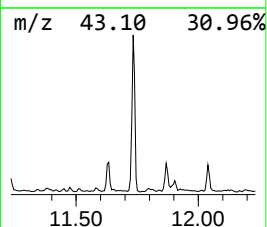
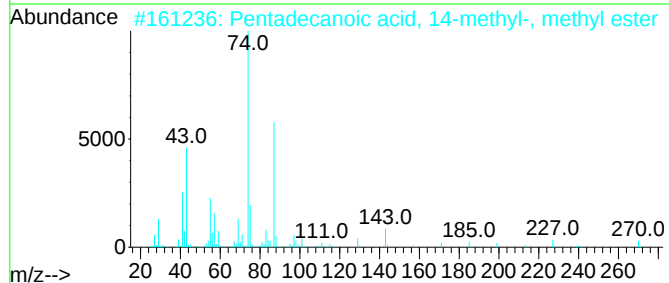
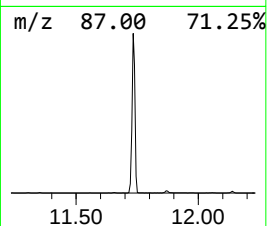
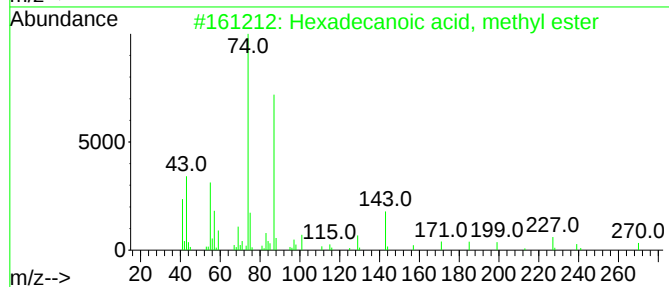
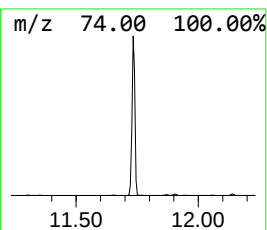
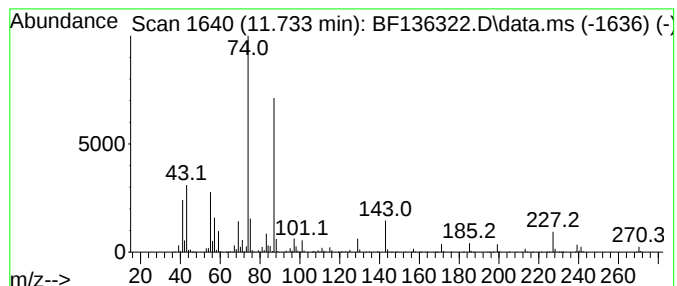
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.733	85.41 ng	2809990	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
Operator : CG\JU
Sample : 05562-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

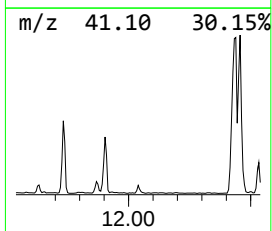
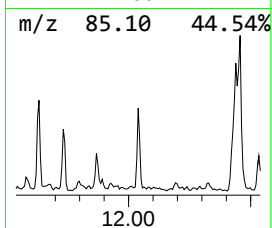
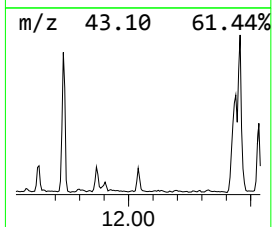
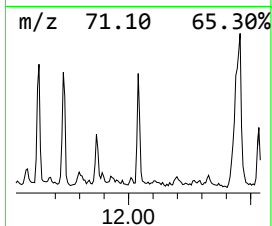
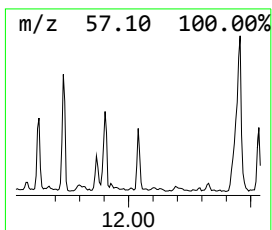
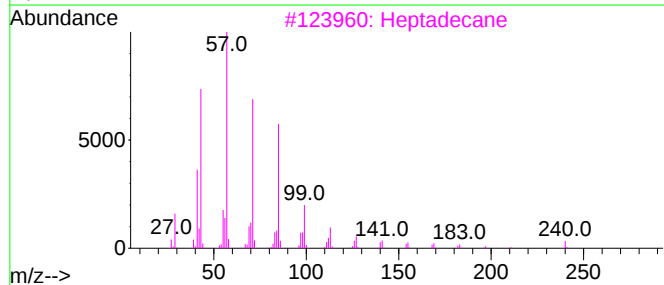
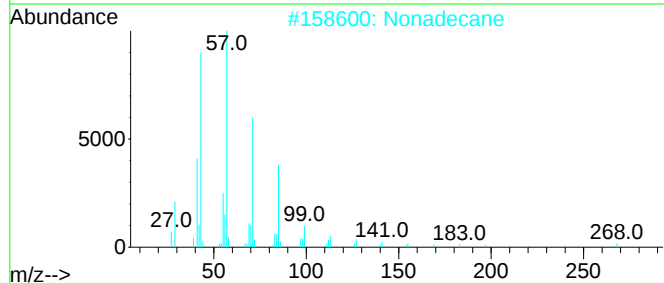
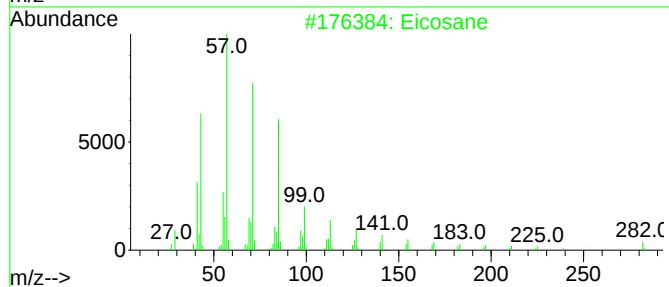
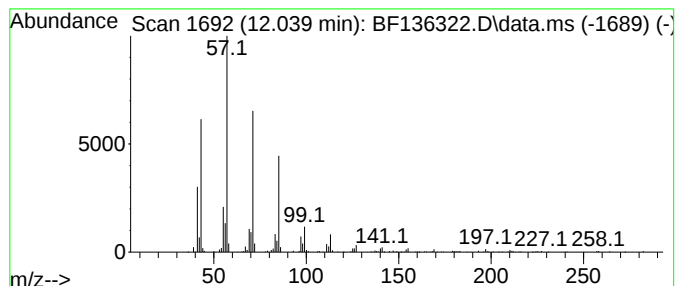
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.039	7.42 ng	244085	Phenanthrene-d10	11.327	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
Operator : CG\JU
Sample : 05562-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

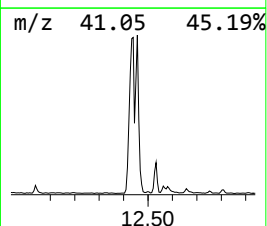
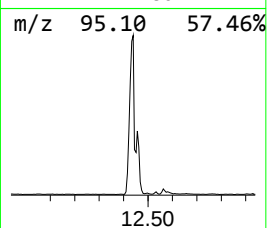
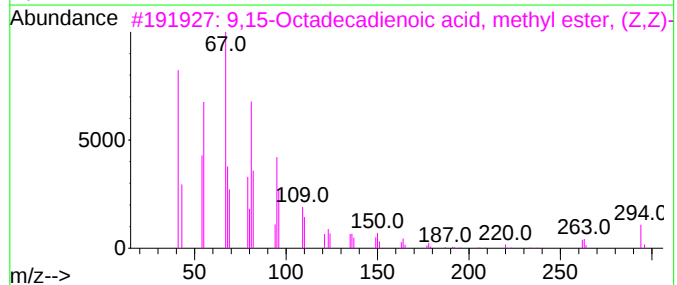
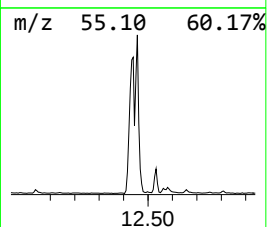
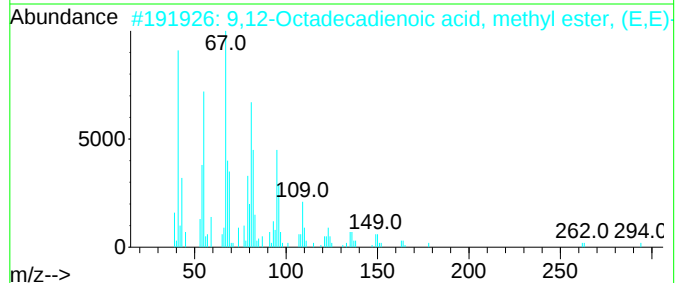
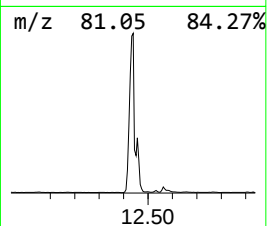
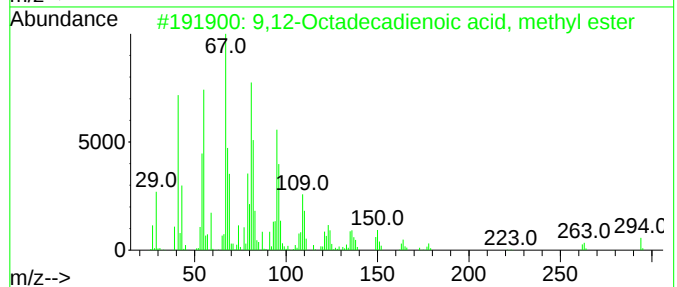
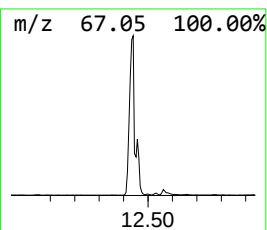
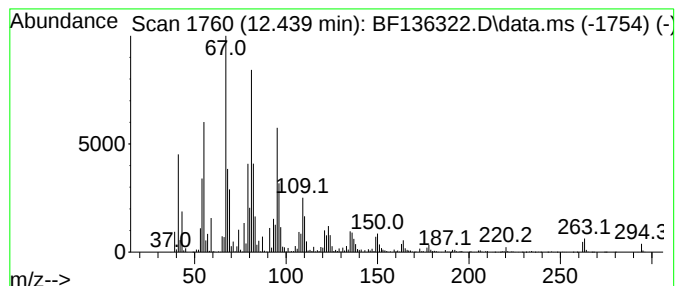
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.439	336.02 ng	11055100	Phenanthrene-d10			11.327
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...		294	C19H34O2	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...		294	C19H34O2	017309-05-6	99
4	10,13-Octadecadienoic acid, meth...		294	C19H34O2	056554-62-2	98
5	Methyl 9-cis,11-trans-octadecadi...		294	C19H34O2	013058-52-1	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
Operator : CG\JU
Sample : 05562-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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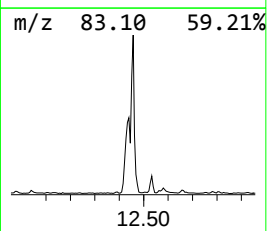
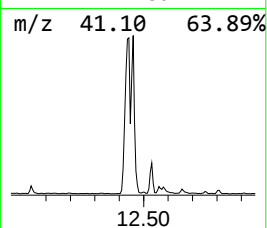
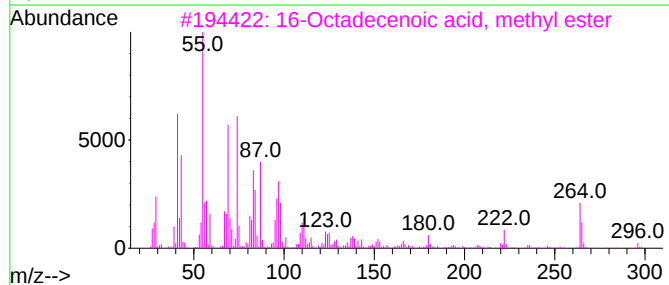
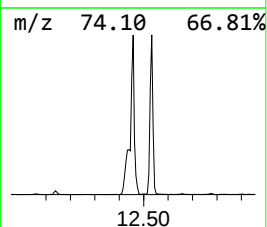
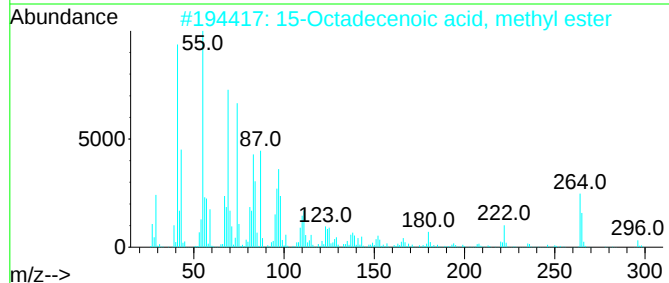
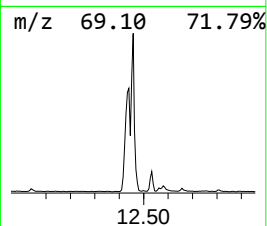
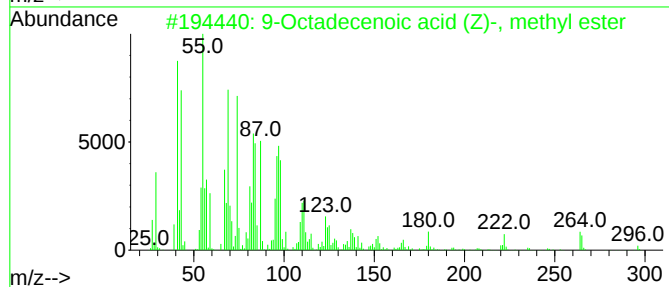
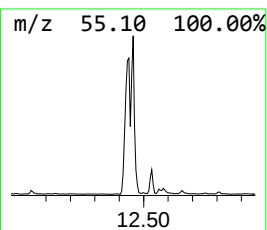
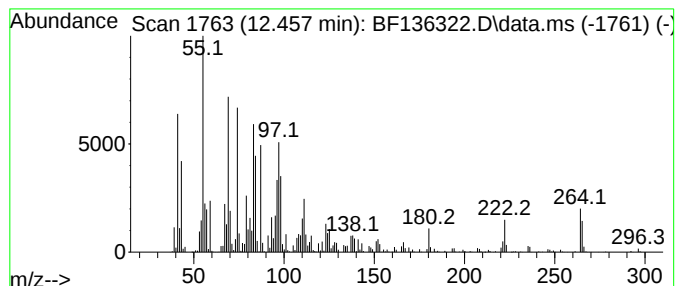
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	199.71 ng	6570270	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97
5			(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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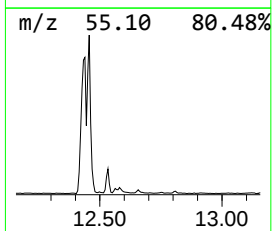
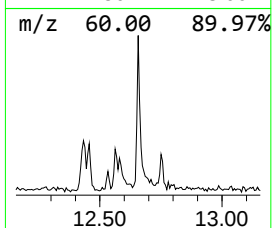
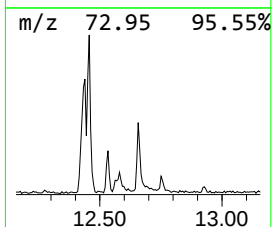
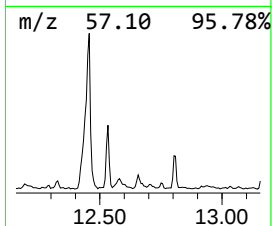
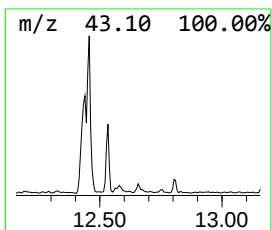
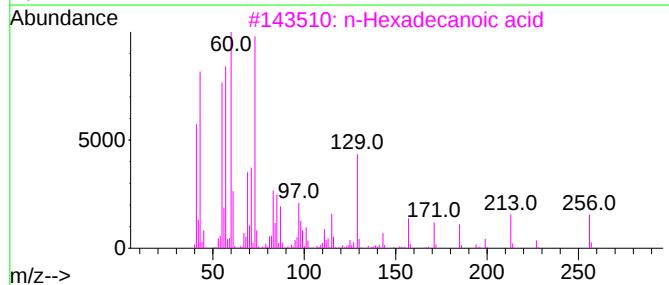
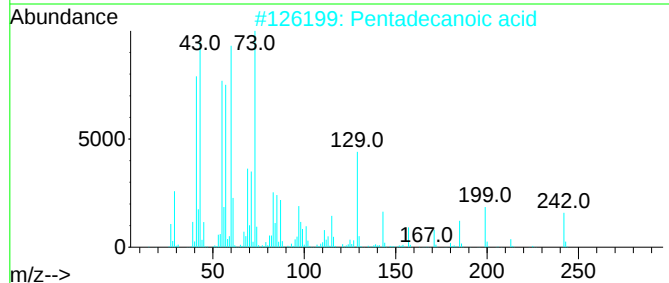
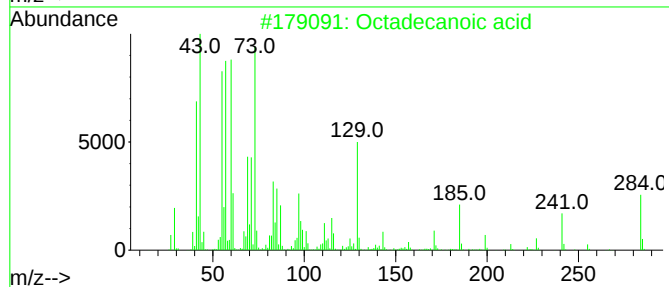
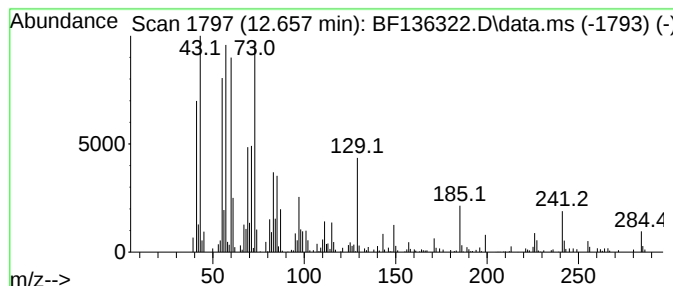
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	4.47 ng	195213	Chrysene-d12	13.980

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4			n-Decanoic acid	172	C10H20O2	000334-48-5	58
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
Operator : CG\JU
Sample : 05562-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

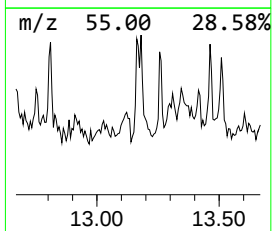
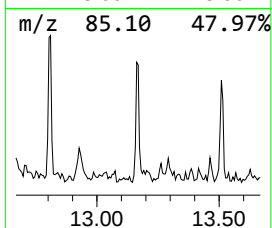
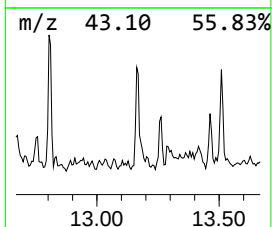
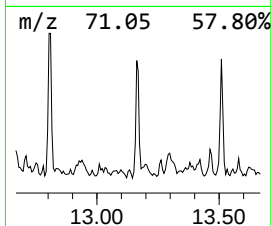
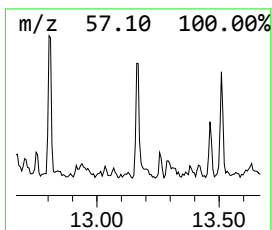
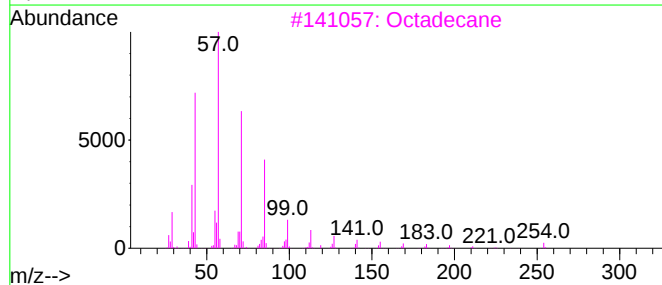
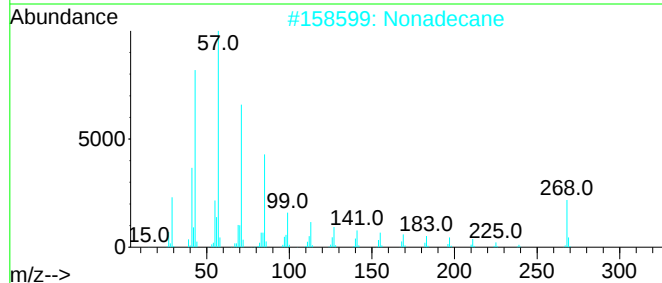
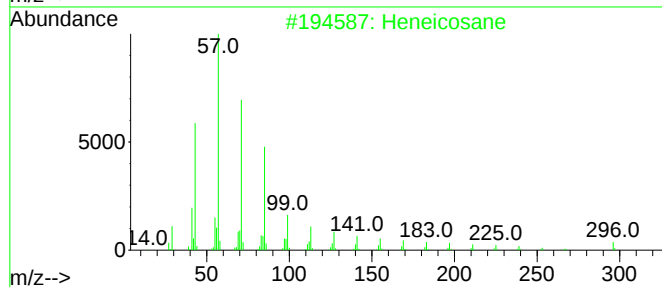
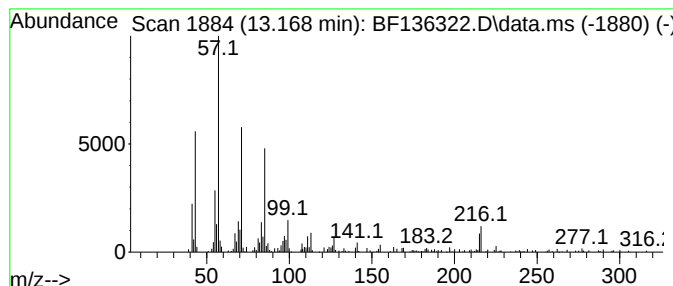
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.168	5.25 ng	228926	Chrysene-d12		13.980	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Nonadecane		268	C19H40	000629-92-5	87
3	Octadecane		254	C18H38	000593-45-3	74
4	Octacosane		394	C28H58	000630-02-4	74
5	Pentacosane		352	C25H52	000629-99-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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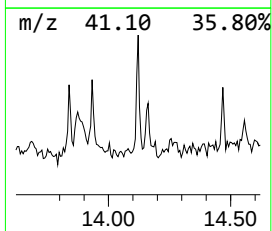
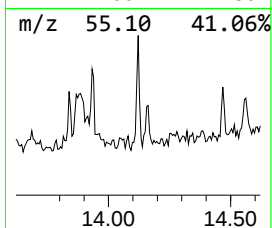
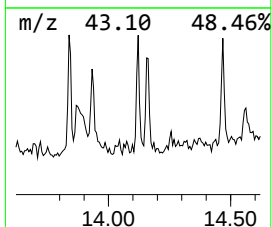
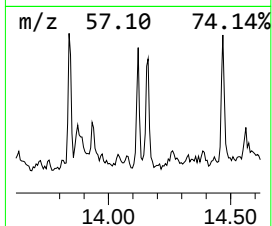
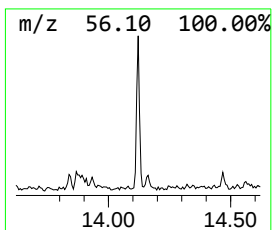
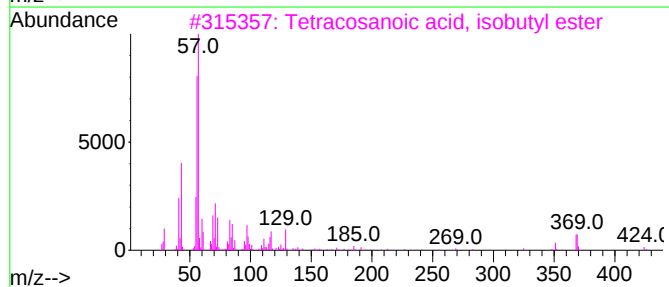
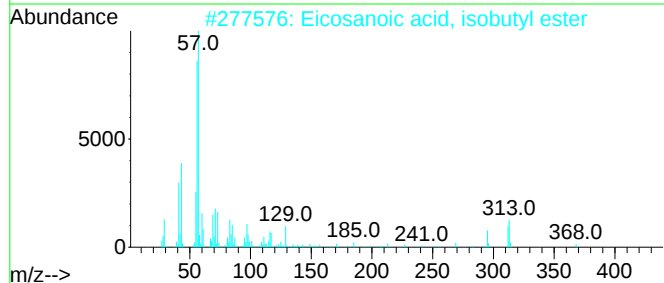
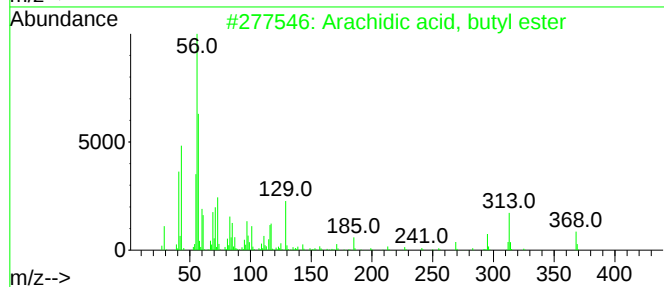
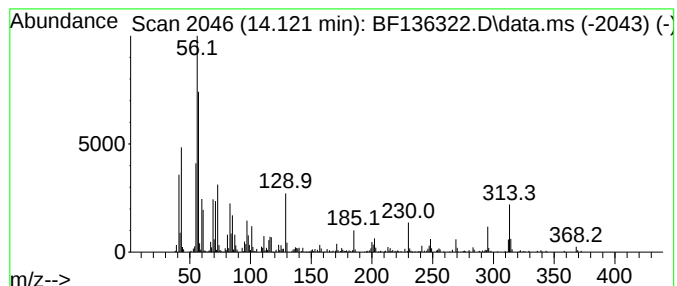
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Arachidic acid, butyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.121	4.29 ng	187178	Chrysene-d12	13.980

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Arachidic acid, butyl ester	368	C24H48O2	026718-91-2	91
2			Eicosanoic acid, isobutyl ester	368	C24H48O2	1000451-98-5	55
3			Tetracosanoic acid, isobutyl ester	424	C28H56O2	1010405-17-3	43
4			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	35
5			trans-4-Aminocyclohexanecarboxyl...	215	C10H21NO2Si	1000384-24-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
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Acq On : 30 Nov 2023 19:41
Operator : CG\JU
Sample : 05562-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

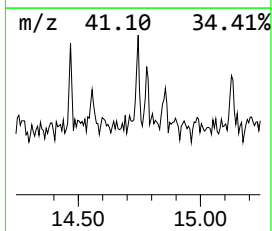
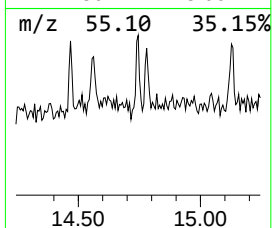
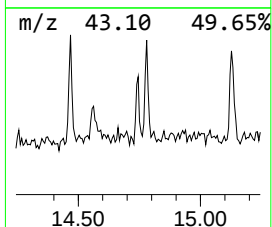
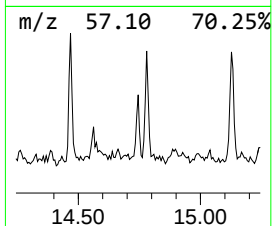
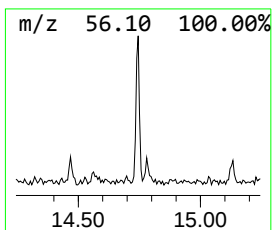
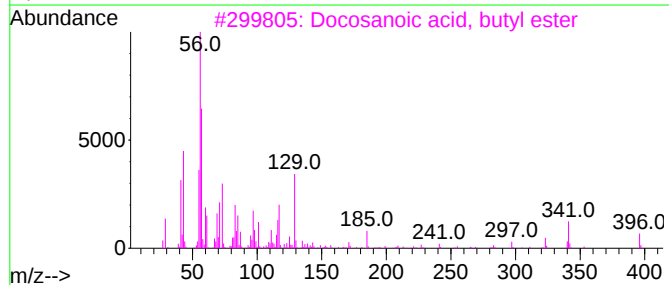
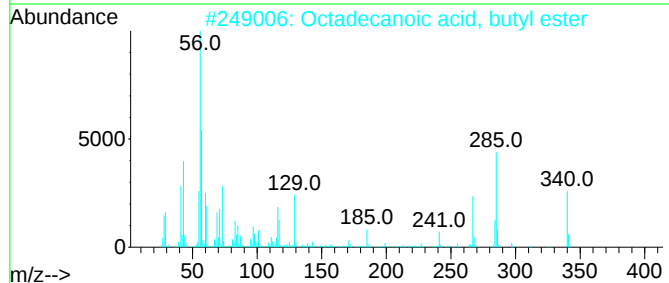
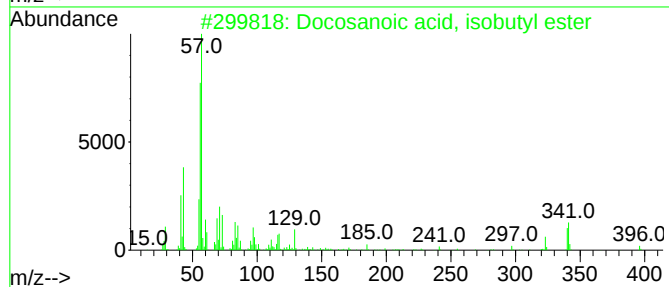
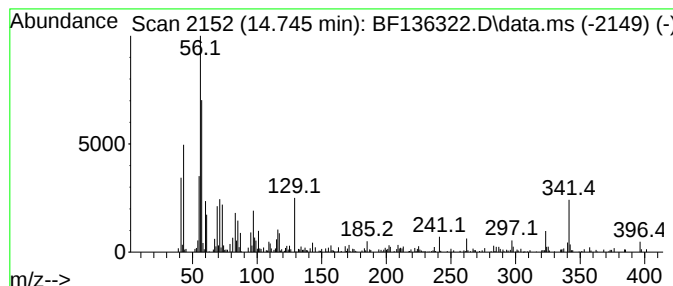
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ClientSampleId :
SU-03-112823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosanoic acid, isobutyl e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.745	4.59 ng	111043	Perylene-d12	15.468	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, isobutyl ester	396	C26H52O2	1000405-17-1	93
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	64
3	Docosanoic acid, butyl ester	396	C26H52O2	026718-96-7	43
4	Tetracosanoic acid, isobutyl ester	424	C28H56O2	1010405-17-3	37
5	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136322.D
Acq On : 30 Nov 2023 19:41
Operator : CG\JU
Sample : 05562-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-112823

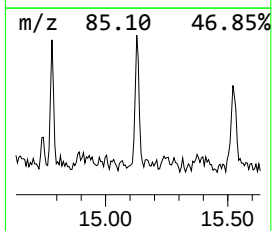
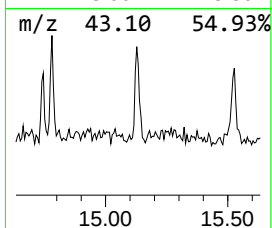
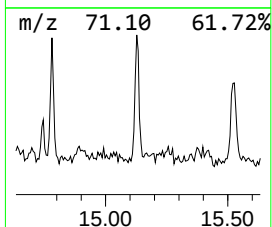
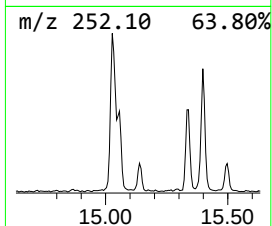
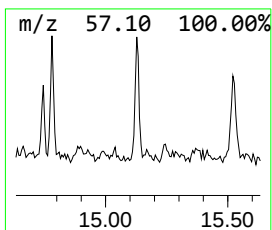
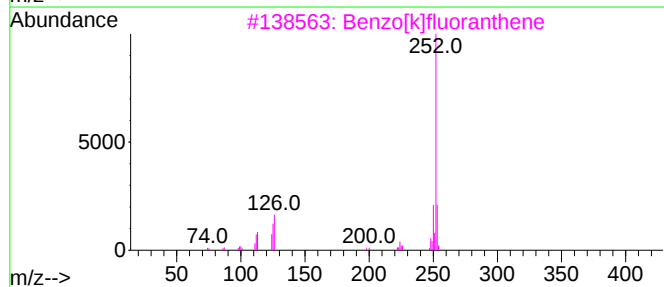
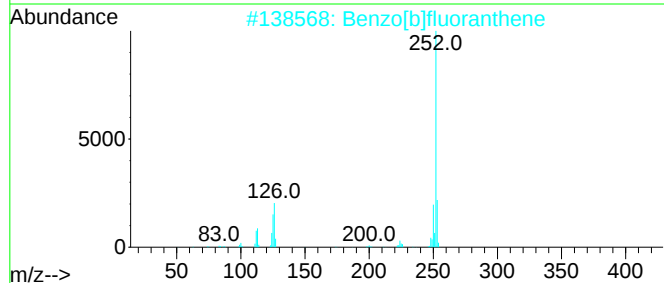
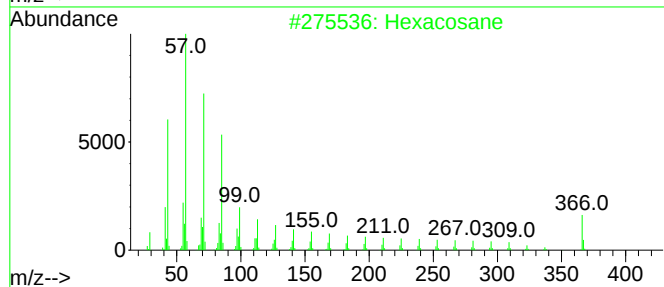
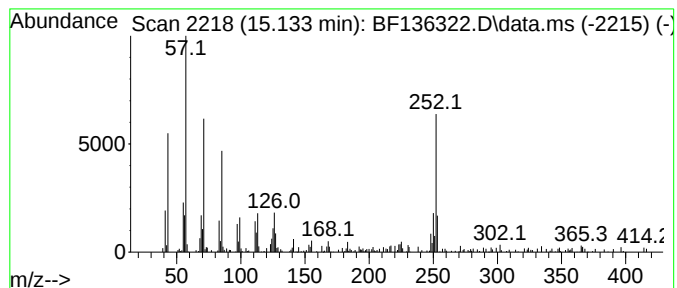
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	5.12 ng	123771	Perylene-d12	15.468

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	89
2		Benzo[b]fluoranthene	252	C20H12	000205-99-2	80
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	80
4		Tetracosane	338	C24H50	000646-31-1	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136322.D
 Acq On : 30 Nov 2023 19:41
 Operator : CG\JU
 Sample : 05562-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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	8.675	3.2	ng	152186	2	8.080	948550	20.0
Hexadecane	9.239	7.0	ng	317769	3	9.839	908431	20.0
3-Ethyl-2,6,10-...	9.563	4.9	ng	224097	3	9.839	908431	20.0
Decane, 2,3,5-t...	9.774	8.9	ng	404257	3	9.839	908431	20.0
Sulfurous acid,...	10.098	3.2	ng	143784	3	9.839	908431	20.0
Pentadecane, 7-...	10.275	9.4	ng	425572	3	9.839	908431	20.0
2-Bromo dodecane	10.498	6.2	ng	282217	3	9.839	908431	20.0
Heptadecane	10.751	19.1	ng	627021	4	11.327	657995	20.0
Octadecane	11.204	9.9	ng	326763	4	11.327	657995	20.0
Tetradecane, 1-...	11.233	6.0	ng	197246	4	11.327	657995	20.0
Tridecane, 1-iodo-	11.633	8.2	ng	269042	4	11.327	657995	20.0
Hexadecanoic ac...	11.733	85.4	ng	2809990	4	11.327	657995	20.0
Eicosane	12.039	7.4	ng	244085	4	11.327	657995	20.0
9,12-Octadecadi...	12.439	336.0	ng	11055100	4	11.327	657995	20.0
9-Octadecenoic ...	12.457	199.7	ng	6570270	4	11.327	657995	20.0
Octadecanoic acid	12.657	4.5	ng	195213	5	13.980	872539	20.0
Heneicosane	13.168	5.3	ng	228926	5	13.980	872539	20.0
Arachidic acid,...	14.121	4.3	ng	187178	5	13.980	872539	20.0
Docosanoic acid...	14.745	4.6	ng	111043	6	15.468	483789	20.0
Hexacosane	15.133	5.1	ng	123771	6	15.468	483789	20.0