

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133631.D
 Acq On : 07 Jun 2023 18:27
 Operator : CG\JU
 Sample : 03038-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-060223

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-BF052523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	12	rVB	239677	283666	4.85%	0.830%
2	3.904	305	309	315	rBV	49090	65138	1.11%	0.191%
3	5.063	500	506	512	rBV	63548	87067	1.49%	0.255%
4	5.457	564	573	576	rBV	2601352	2777847	47.47%	8.132%
5	6.463	739	744	747	rBV	2442305	2800595	47.86%	8.198%
6	6.834	804	807	811	rBV	888267	704100	12.03%	2.061%
7	7.398	899	903	906	rVB	1819353	1781944	30.45%	5.216%
8	8.116	1020	1025	1029	rBV	1039927	945170	16.15%	2.767%
9	8.410	1070	1075	1078	rVB4	48887	65430	1.12%	0.192%
10	8.622	1108	1111	1114	rBV2	144184	116599	1.99%	0.341%
11	8.939	1159	1165	1167	rBV3	146177	138657	2.37%	0.406%
12	9.198	1205	1209	1212	rVB	3416867	2907219	49.68%	8.510%
13	9.275	1218	1222	1224	rBV	98390	87490	1.50%	0.256%
14	9.345	1231	1234	1236	rVB	85617	69210	1.18%	0.203%
15	9.592	1272	1276	1279	rBV4	79010	105190	1.80%	0.308%
16	9.657	1284	1287	1290	rVB2	61610	60703	1.04%	0.178%
17	9.804	1309	1312	1315	rVB	173716	121313	2.07%	0.355%
18	9.875	1317	1324	1327	rBV	1035113	850479	14.53%	2.490%
19	10.127	1363	1367	1370	rBV4	59433	66427	1.14%	0.194%
20	10.192	1375	1378	1385	rBV8	37530	84846	1.45%	0.248%
21	10.304	1394	1397	1400	rVB	262731	203404	3.48%	0.595%
22	10.527	1430	1435	1440	rBV	98374	132497	2.26%	0.388%
23	10.586	1441	1445	1447	rVB2	74286	71747	1.23%	0.210%
24	10.663	1453	1458	1461	rBV	1774742	1566141	26.76%	4.585%
25	10.780	1475	1478	1487	rVB	311503	352737	6.03%	1.033%
26	11.227	1551	1554	1557	rBV	281368	226304	3.87%	0.662%
27	11.257	1557	1559	1566	rVB	122018	123083	2.10%	0.360%
28	11.363	1573	1577	1580	rBV	899096	740532	12.65%	2.168%
29	11.657	1624	1627	1629	rBV	248137	185016	3.16%	0.542%
30	11.757	1641	1644	1648	rBV	1829121	1496950	25.58%	4.382%
31	11.892	1664	1667	1670	rBV	256161	226010	3.86%	0.662%
32	12.063	1693	1696	1703	rBV2	211988	201285	3.44%	0.589%
33	12.457	1758	1763	1764	rBV	5169234	5851941	100.00%	17.130%
34	12.474	1764	1766	1772	rVB2	4242447	3906892	66.76%	11.437%
35	12.557	1776	1780	1782	rBV	866840	763946	13.05%	2.236%
36	12.586	1782	1785	1786	rBV2	127130	103858	1.77%	0.304%

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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-BF052523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.680	1798	1801	1807	rVB6	48601	61327	1.05%	0.180%
38	12.827	1824	1826	1829	rVB	126027	97466	1.67%	0.285%
39	12.957	1843	1848	1851	rBV	2873440	2500564	42.73%	7.320%
40	13.186	1884	1887	1893	rBV	115977	147739	2.52%	0.432%
41	13.280	1900	1903	1906	rVB	95183	71284	1.22%	0.209%
42	13.951	2015	2017	2022	rVB	91381	78301	1.34%	0.229%
43	14.010	2023	2027	2030	rVB	591760	546481	9.34%	1.600%
44	15.474	2272	2276	2280	rBV	328631	386415	6.60%	1.131%

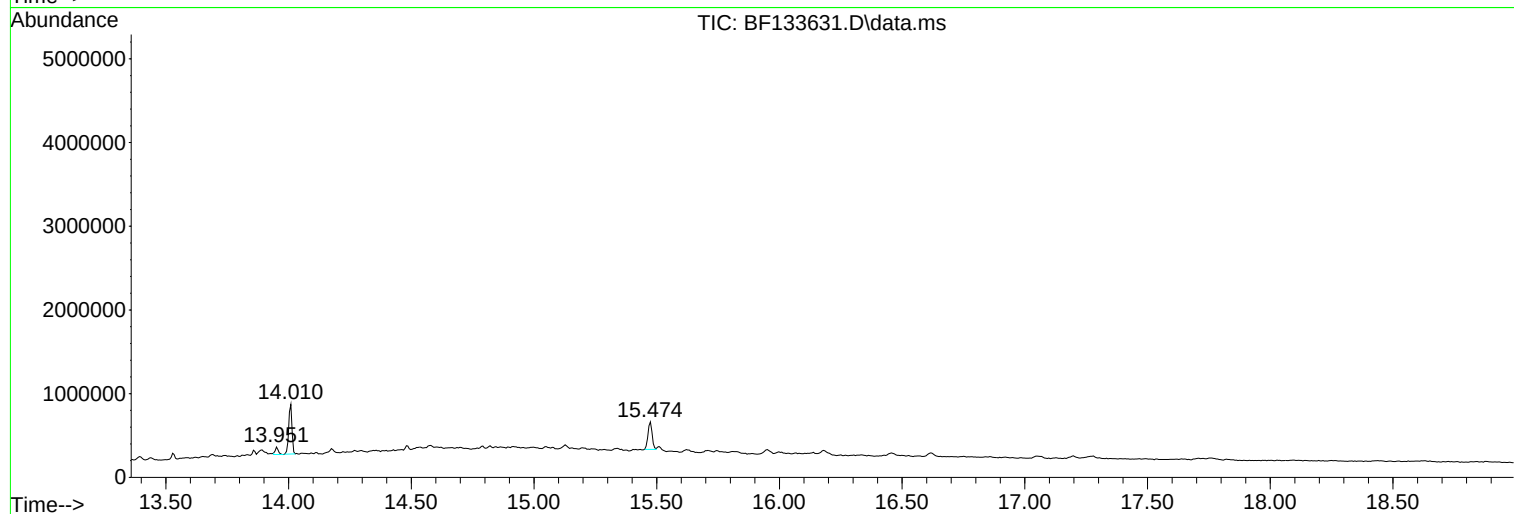
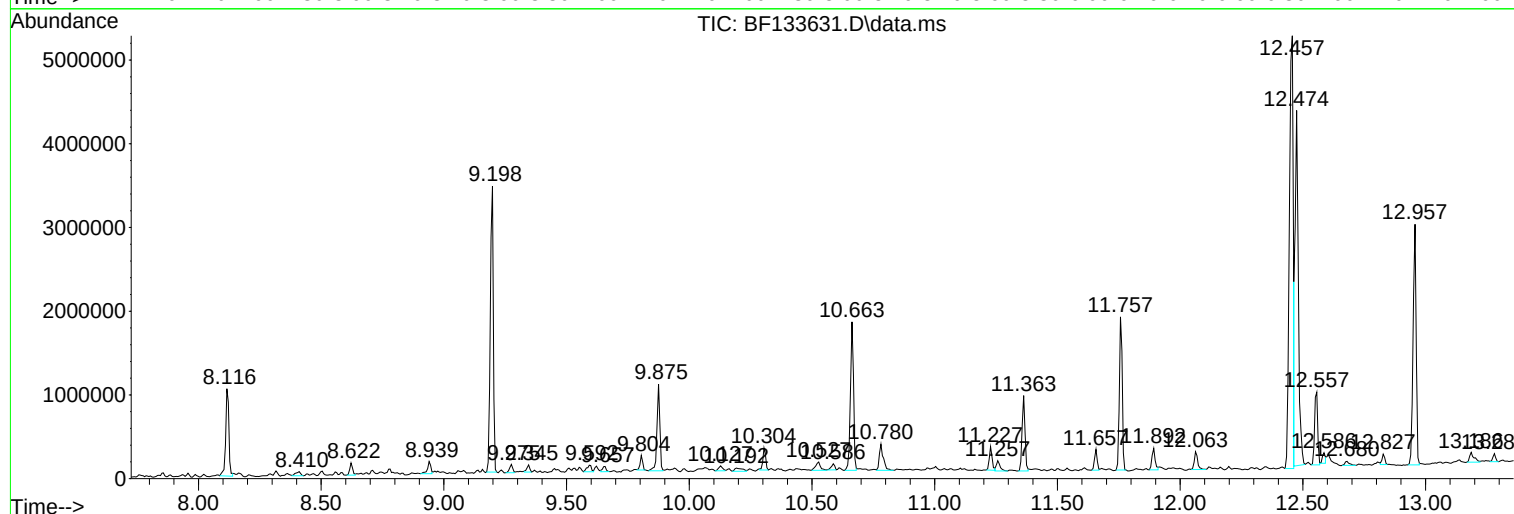
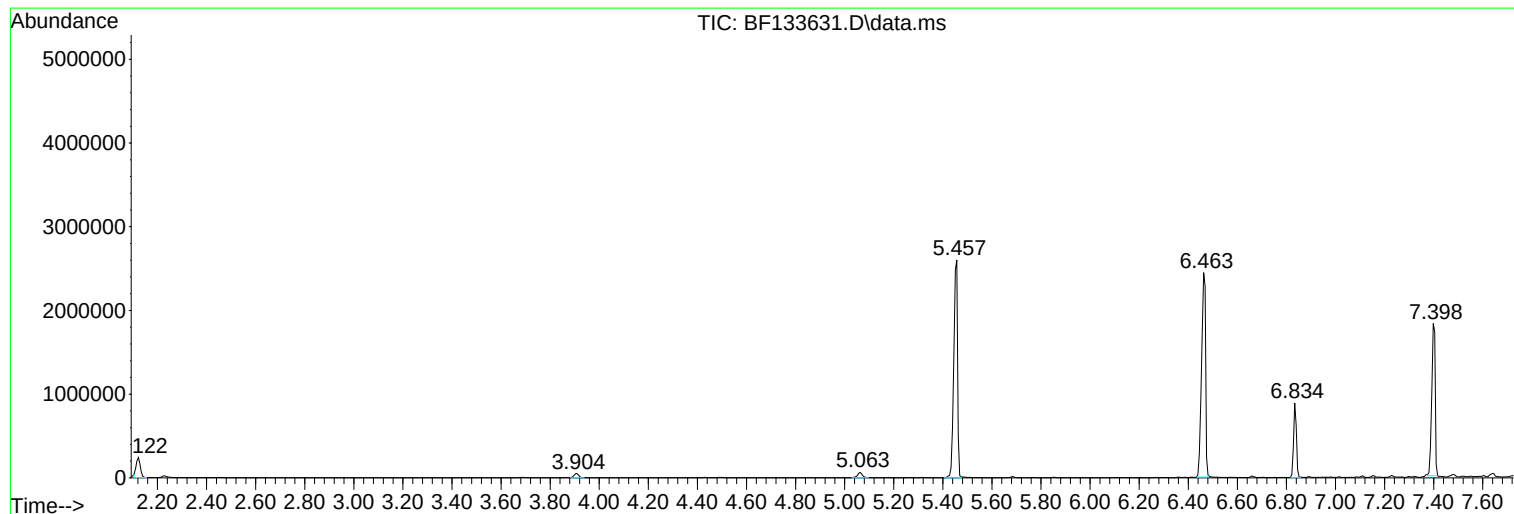
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_F
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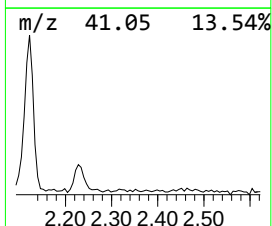
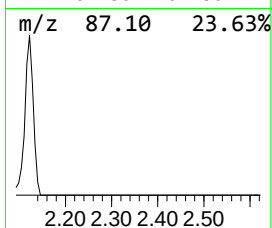
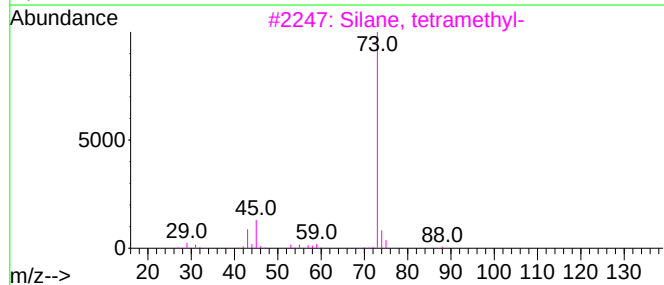
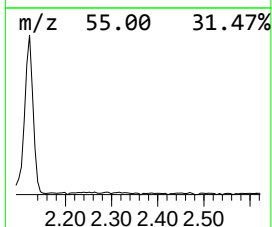
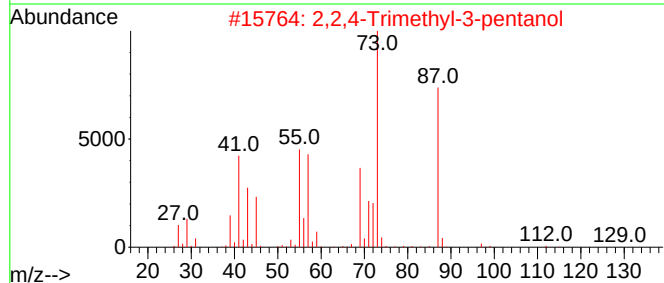
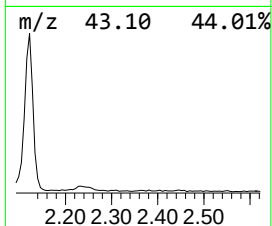
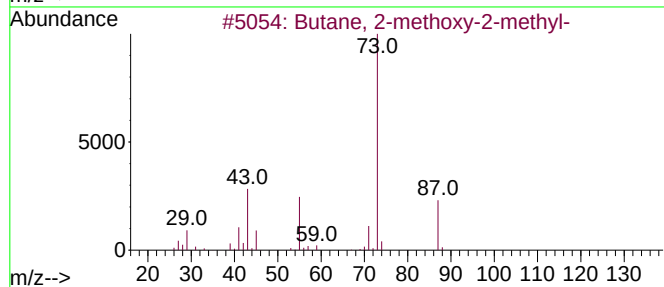
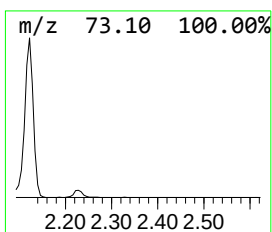
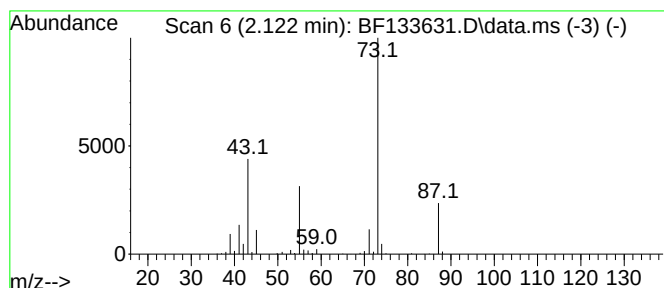
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	8.06 ng	283666	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23



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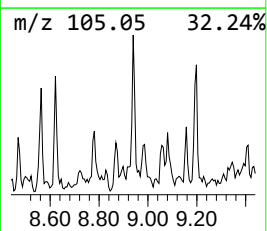
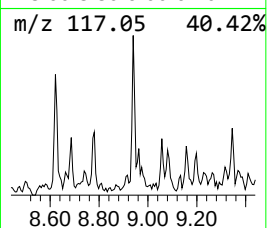
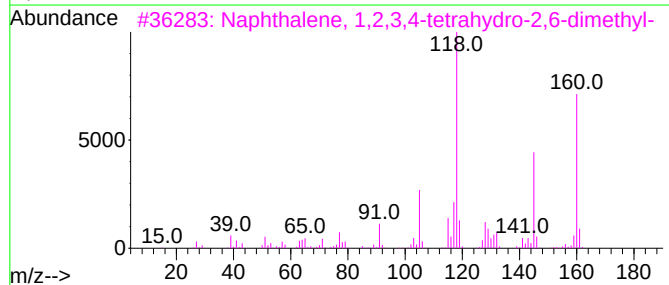
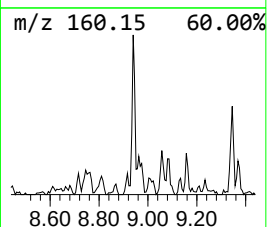
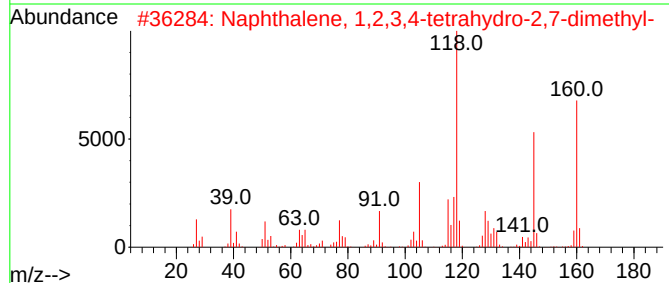
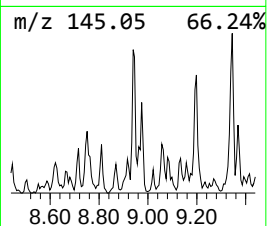
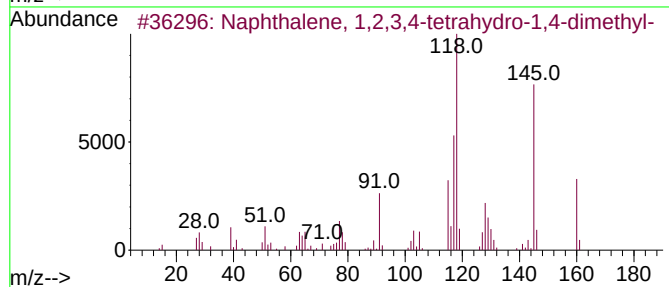
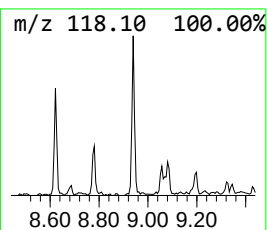
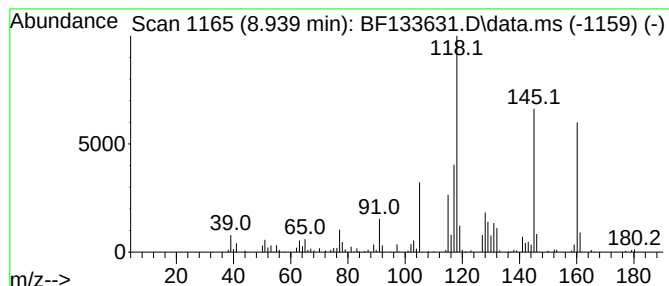
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.939	2.93 ng	138657	Naphthalene-d8	8.116	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
4	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	68
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	58



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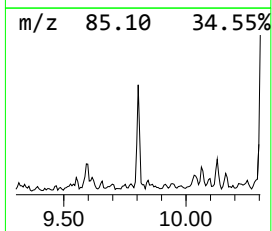
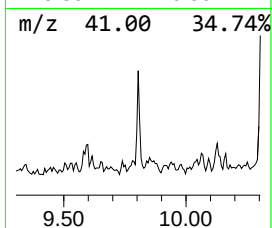
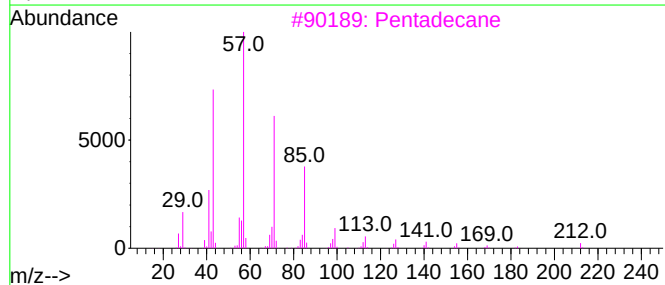
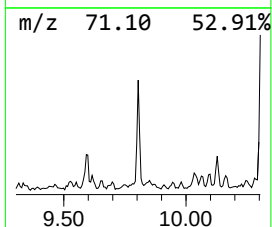
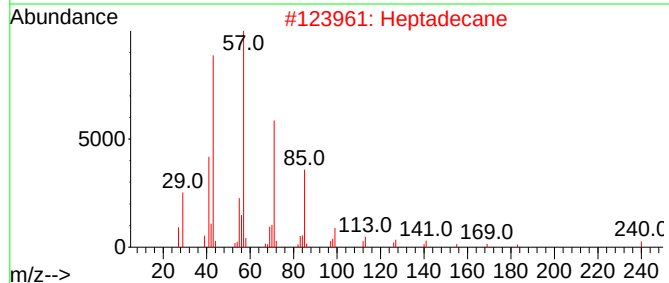
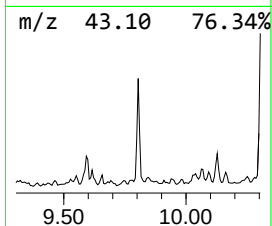
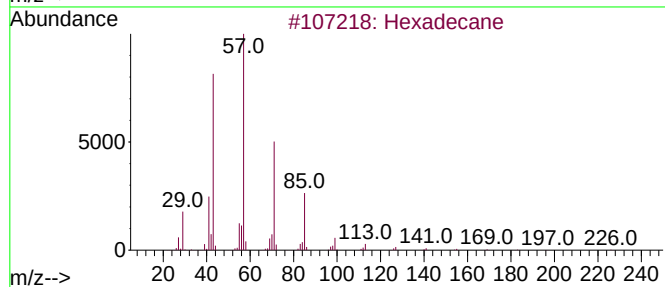
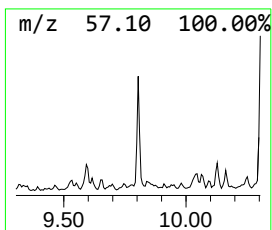
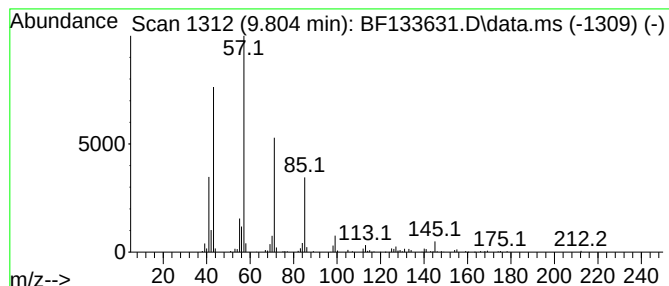
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	2.85 ng	121313	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Pentadecane	212	C15H32	000629-62-9	81
4			Nonadecane	268	C19H40	000629-92-5	80
5			Tetradecane	198	C14H30	000629-59-4	80



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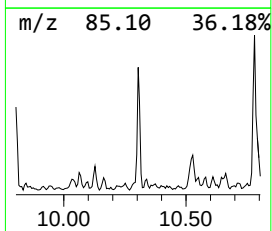
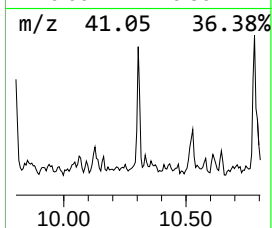
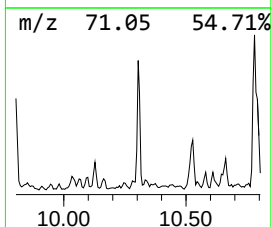
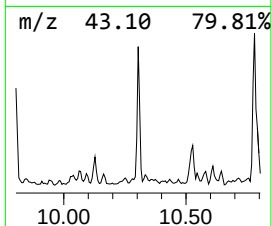
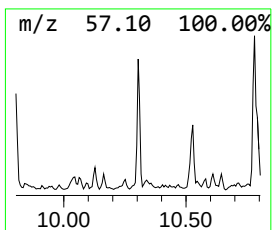
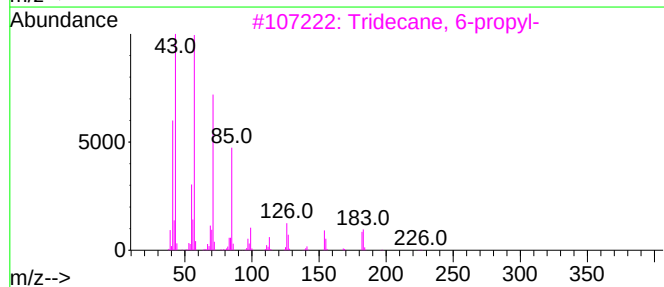
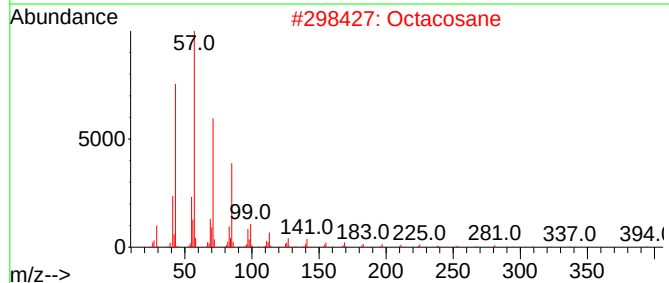
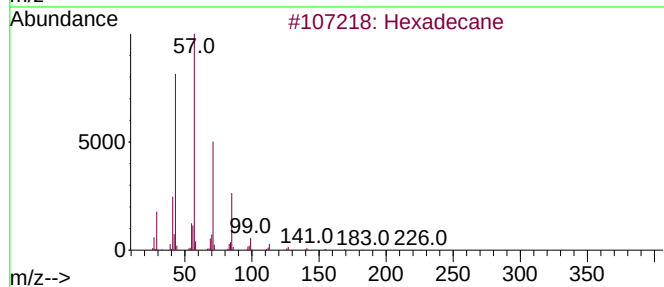
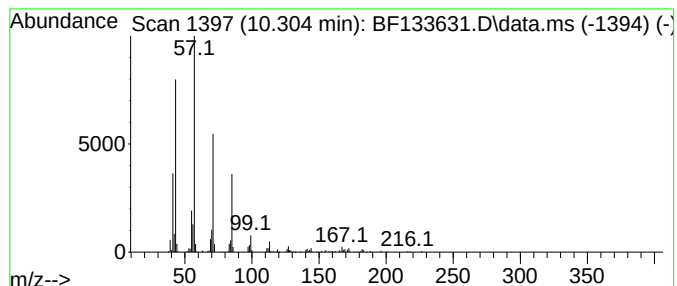
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	4.78 ng	203404	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Heptadecane	240	C17H36	000629-78-7	86



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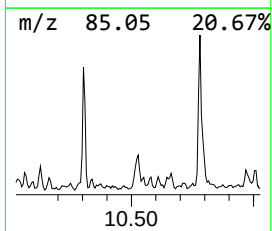
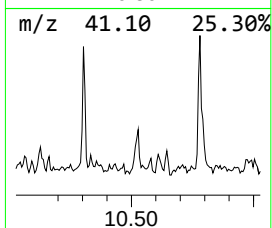
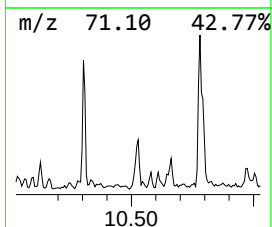
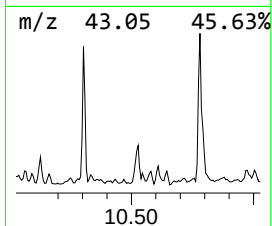
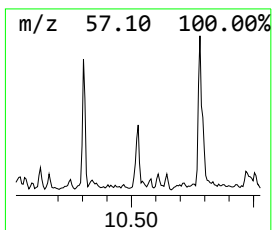
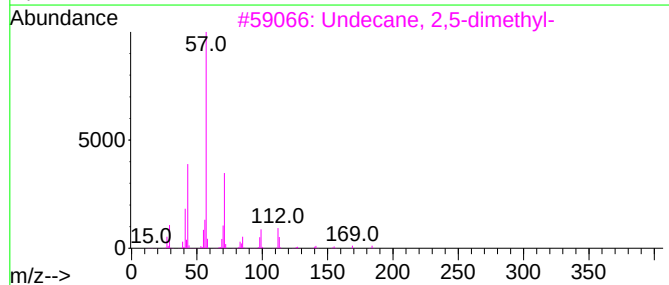
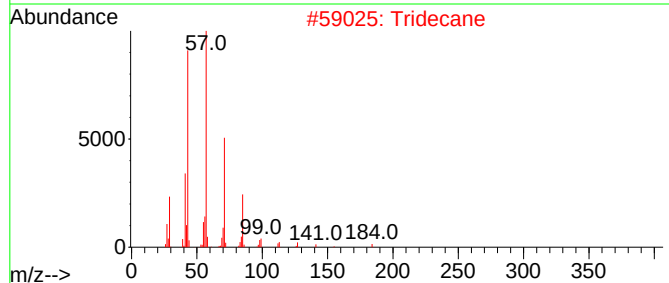
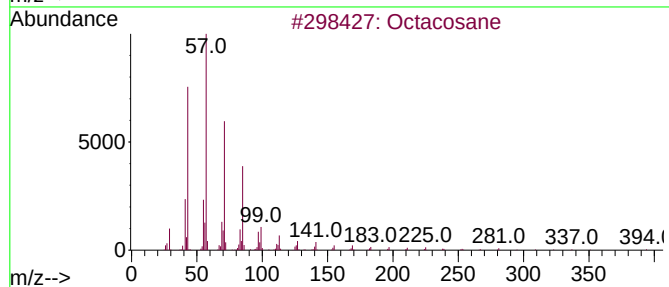
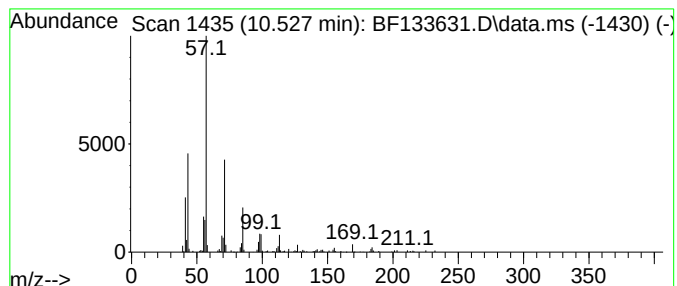
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	3.12 ng	132497	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	80
2			Tridecane	184	C13H28	000629-50-5	80
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74
4			Tetracosane	338	C24H50	000646-31-1	72
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133631.D
Acq On : 07 Jun 2023 18:27
Operator : CG\JU
Sample : 03038-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-07-060223

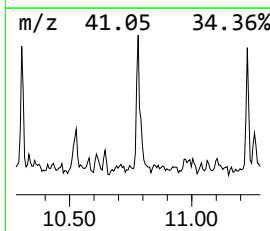
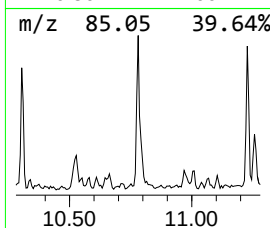
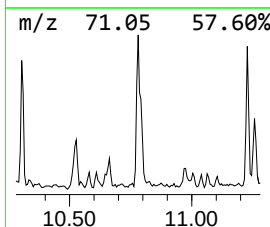
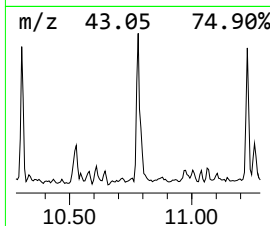
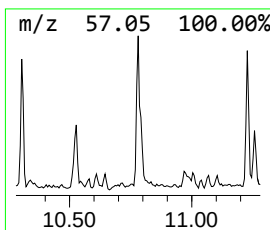
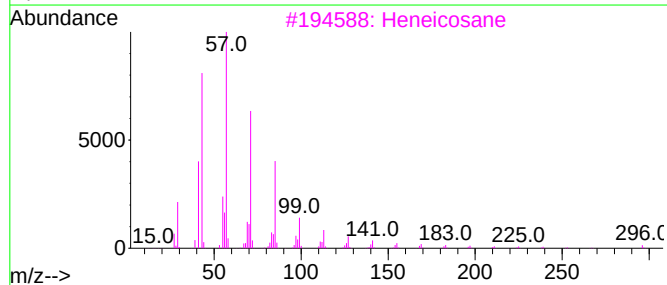
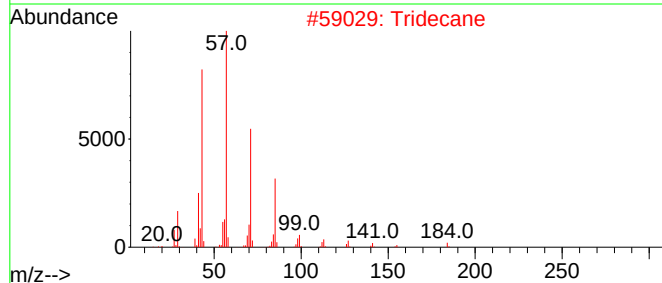
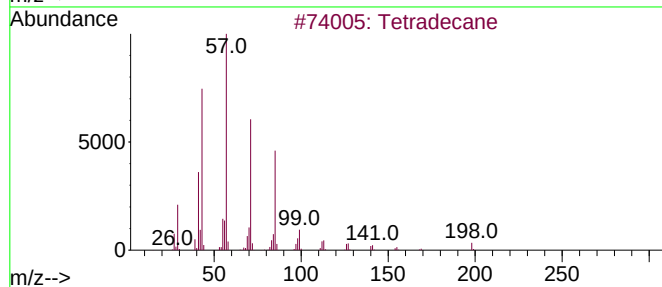
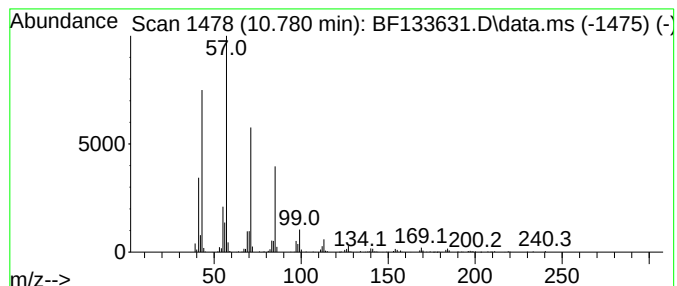
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	9.53 ng	352737	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane	184	C13H28	000629-50-5	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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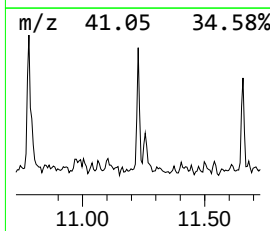
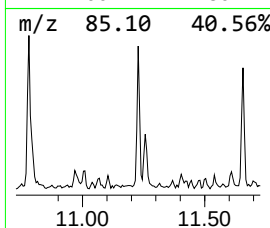
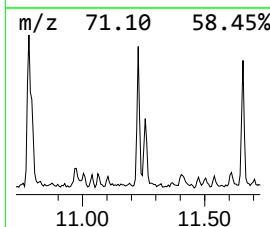
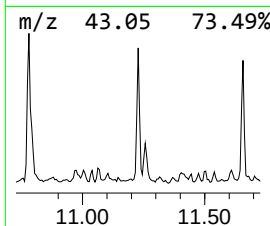
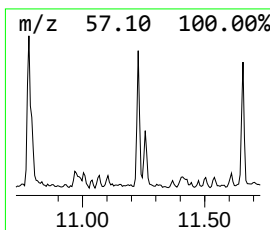
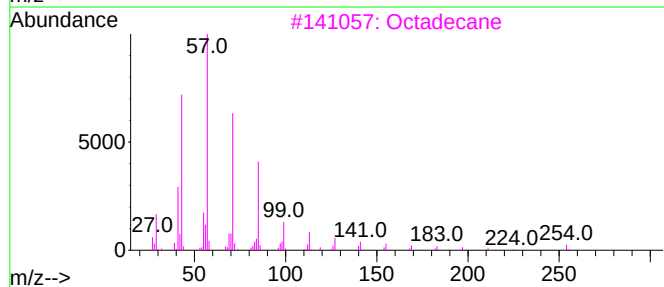
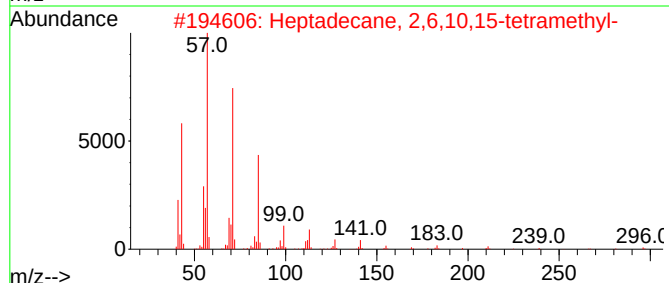
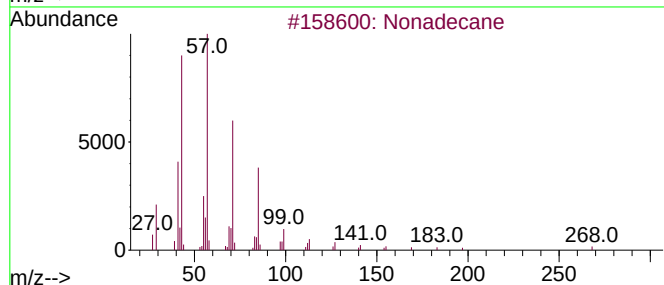
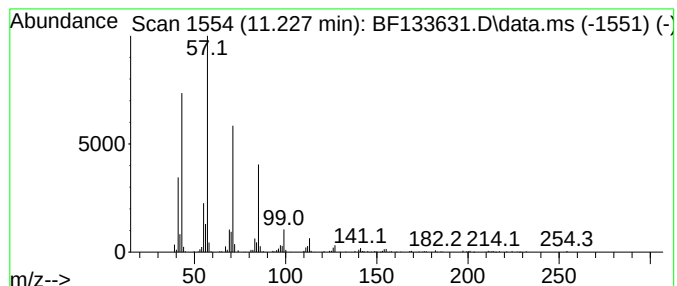
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	6.11 ng	226304	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3			Octadecane	254	C18H38	000593-45-3	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133631.D
Acq On : 07 Jun 2023 18:27
Operator : CG\JU
Sample : 03038-01
Misc :
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Instrument :
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ClientSampleId :
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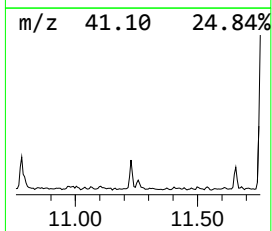
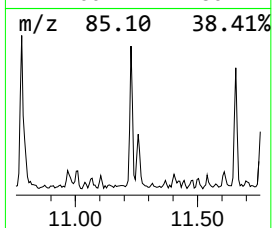
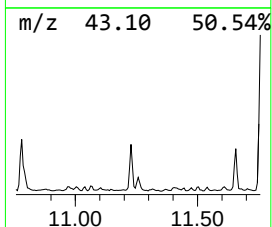
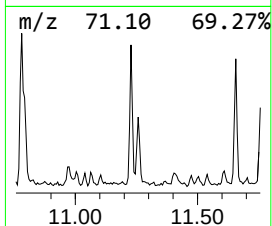
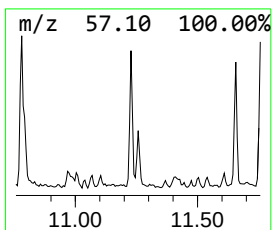
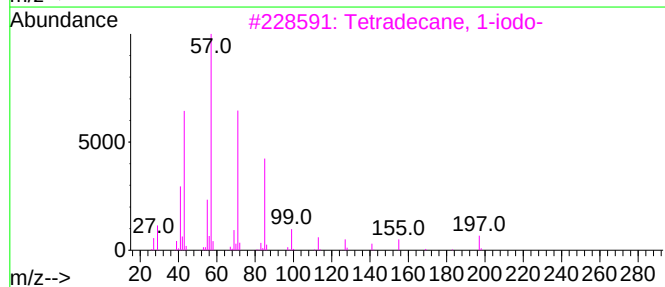
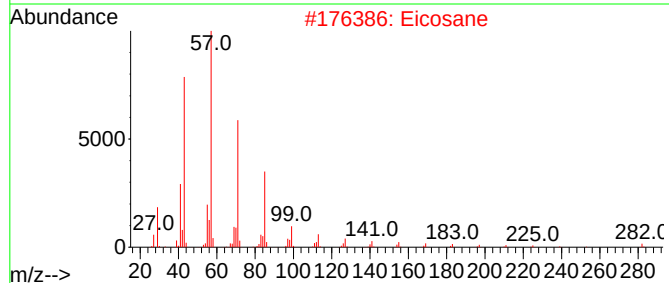
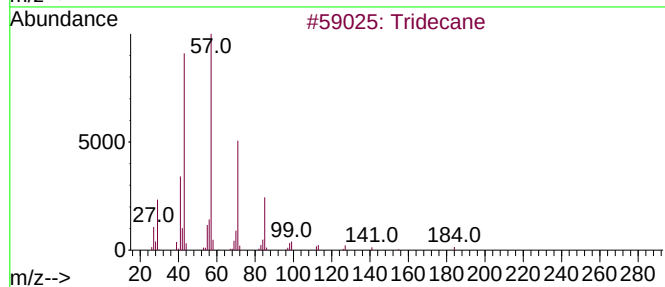
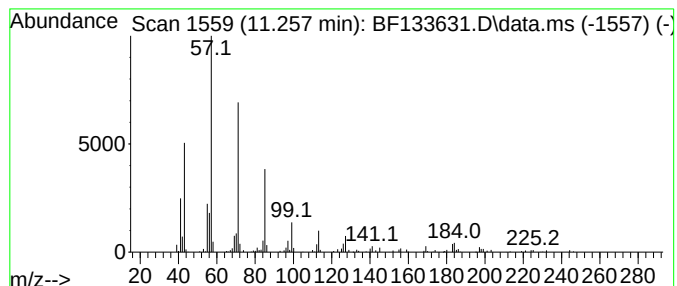
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	3.32 ng	123083	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Eicosane	282	C20H42	000112-95-8	86
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4			Heptacosane	380	C27H56	000593-49-7	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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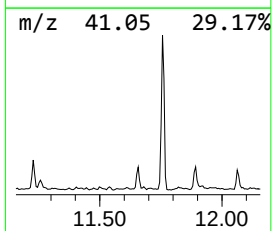
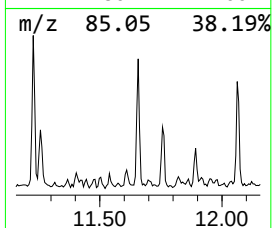
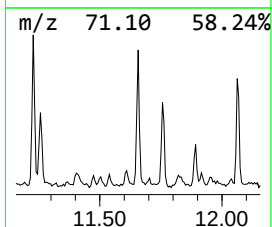
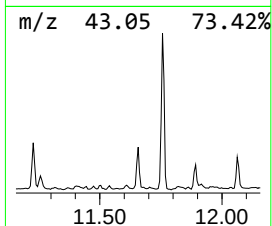
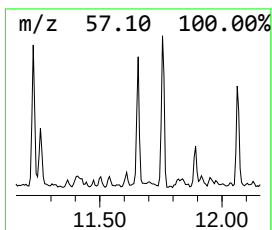
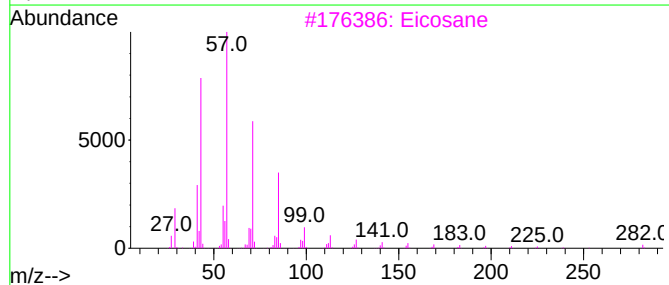
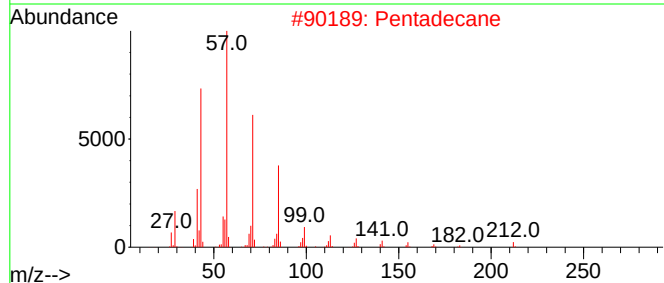
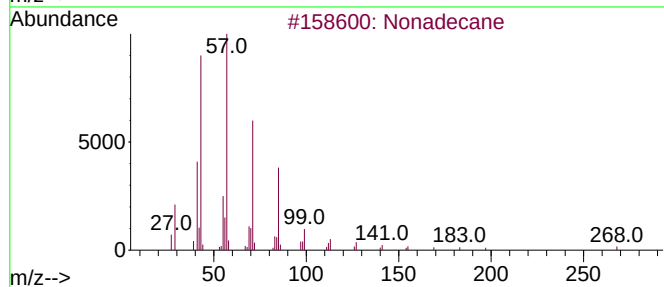
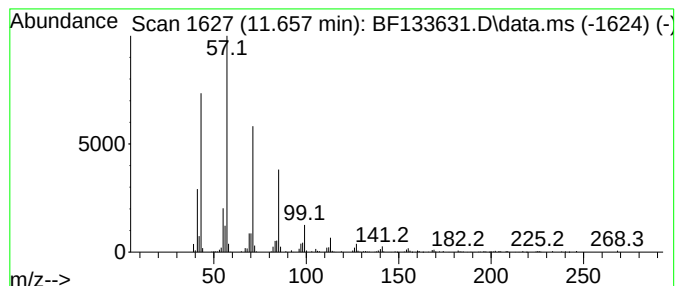
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.657	5.00 ng	185016	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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Acq On : 07 Jun 2023 18:27
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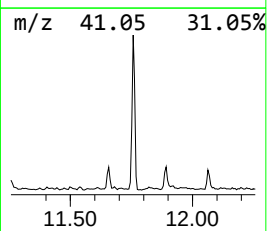
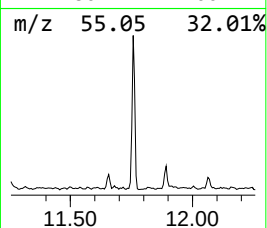
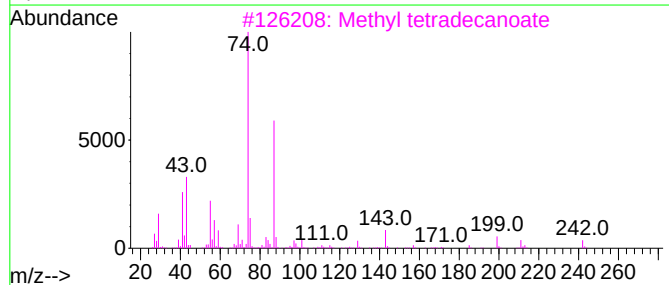
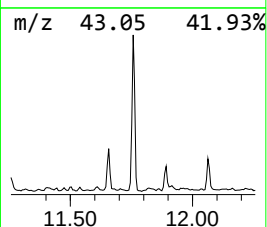
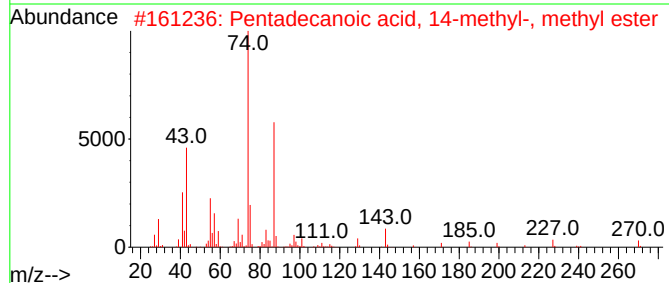
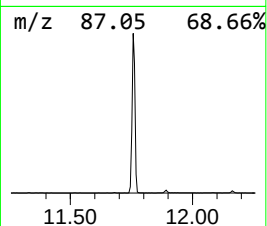
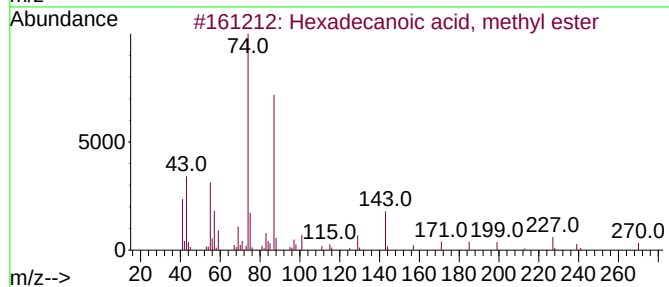
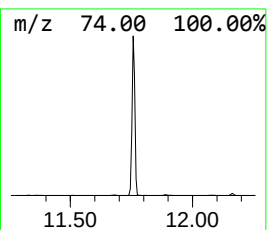
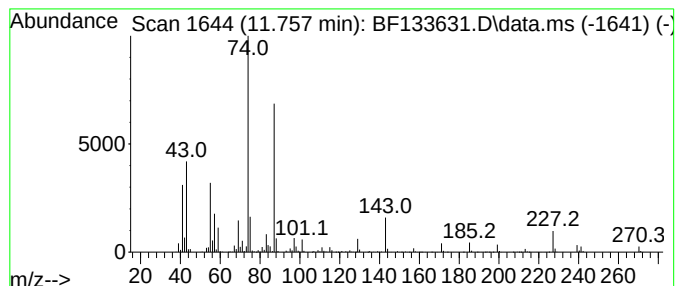
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	40.43 ng	1496950	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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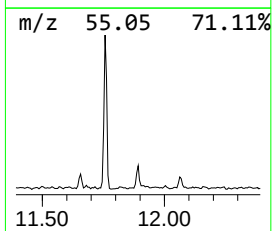
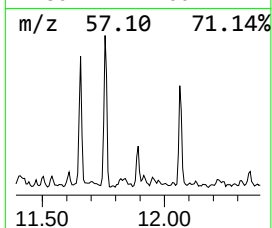
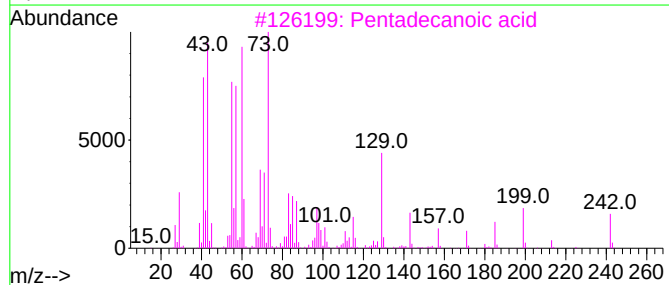
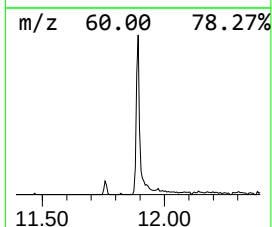
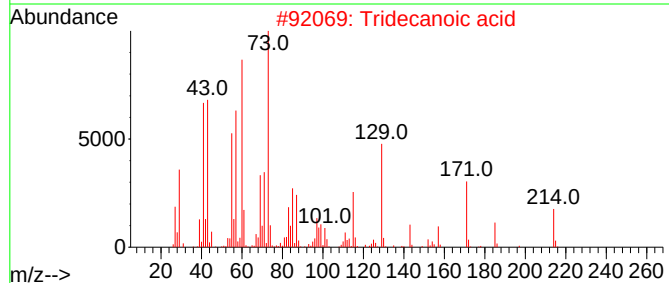
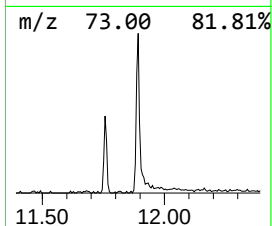
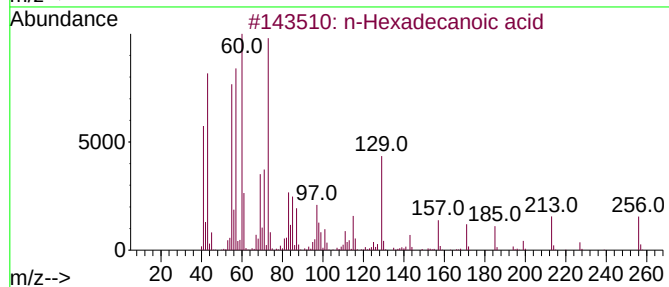
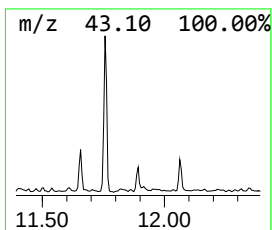
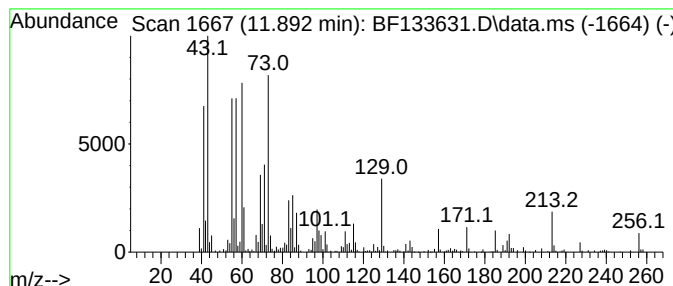
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.892	6.10 ng	226010	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	Tridecanoic acid		214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	72
5	n-Decanoic acid		172	C10H20O2	000334-48-5	70



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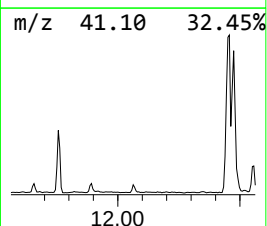
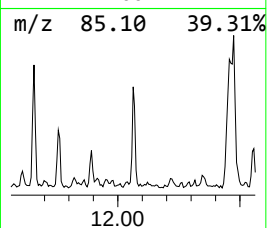
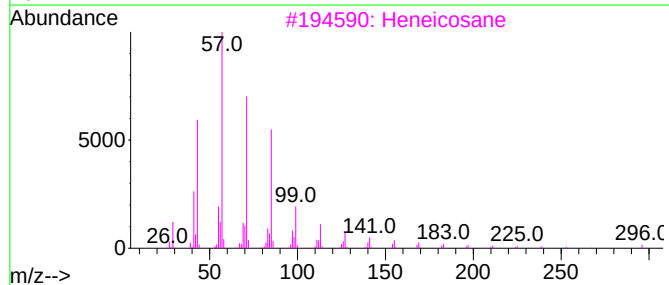
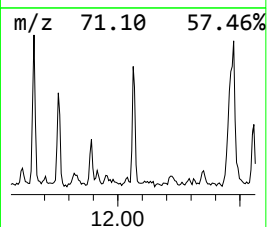
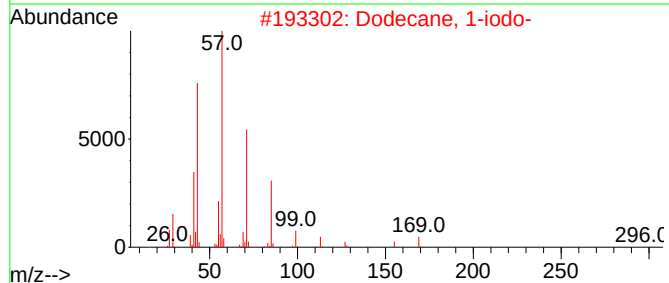
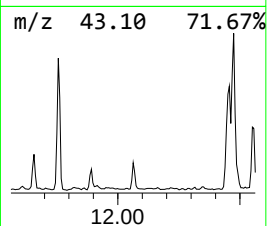
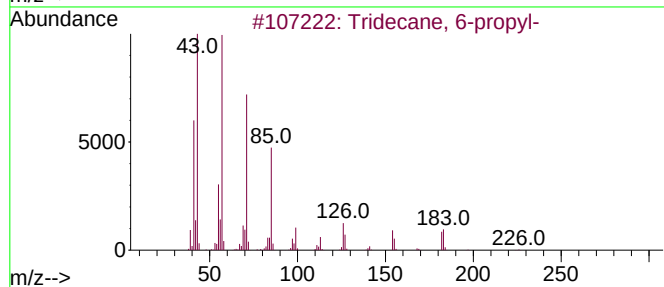
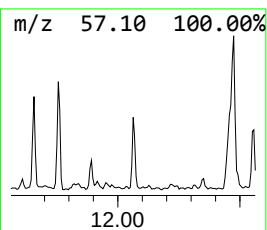
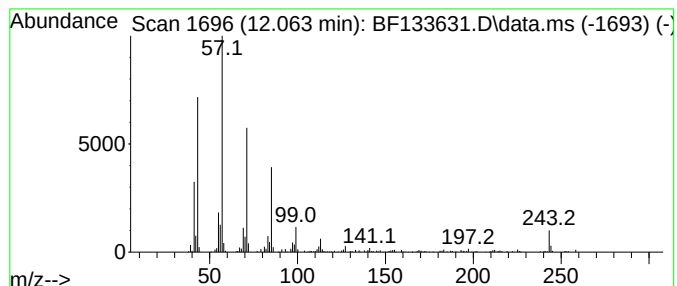
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	5.44 ng	201285	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133631.D
Acq On : 07 Jun 2023 18:27
Operator : CG\JU
Sample : 03038-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-060223

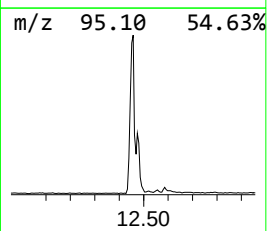
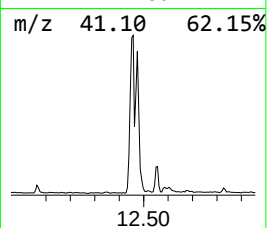
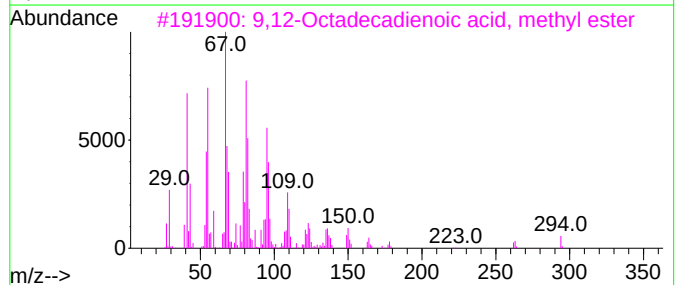
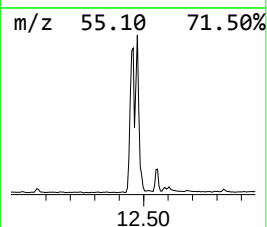
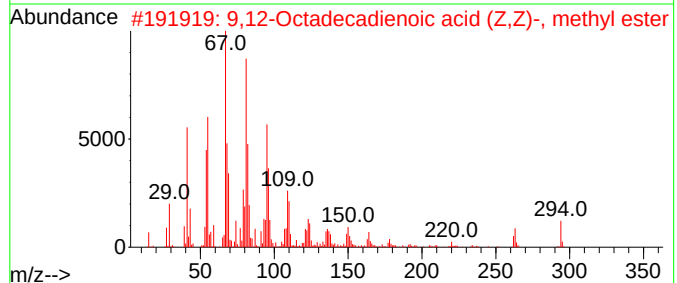
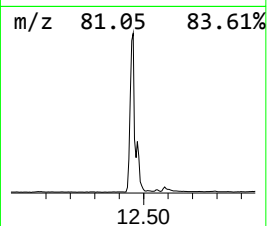
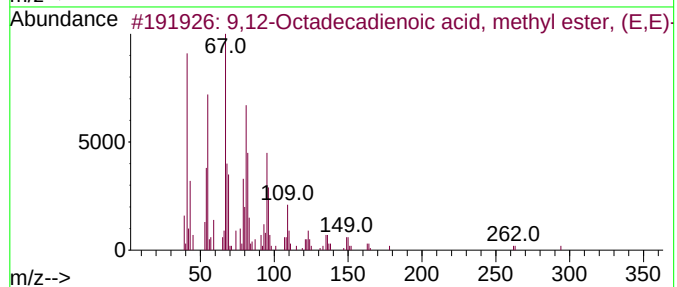
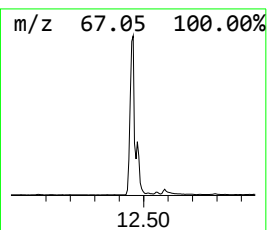
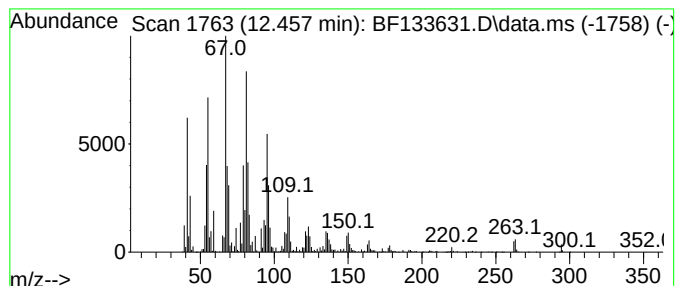
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	158.05 ng	5851940	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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Acq On : 07 Jun 2023 18:27
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Sample : 03038-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

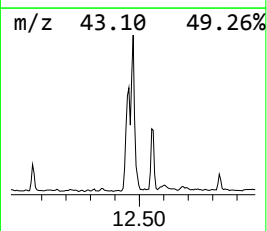
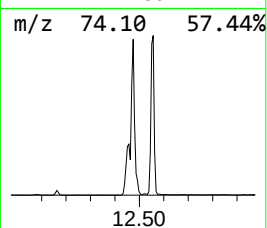
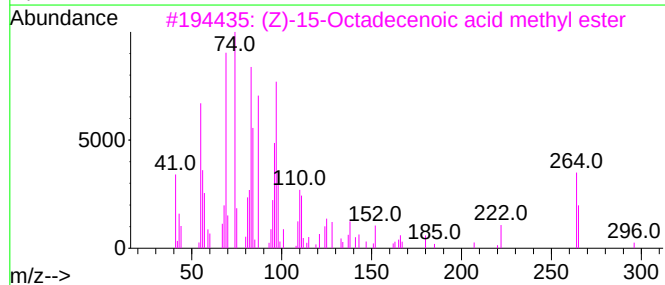
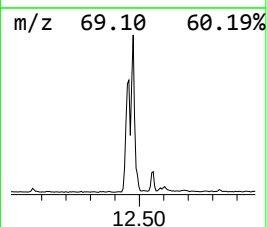
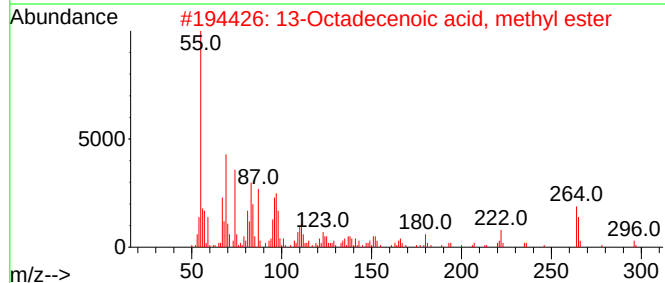
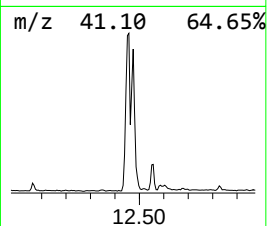
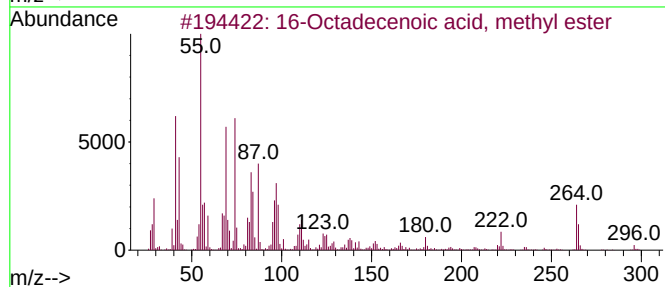
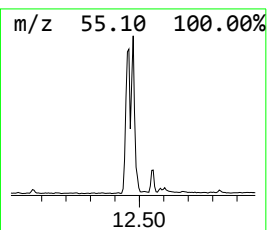
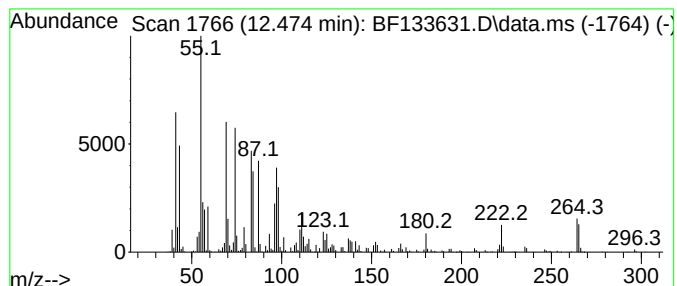
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 16-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.474	105.52 ng	3906890	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester		296	C19H36O2	056554-49-5	95
2	13-Octadecenoic acid, methyl ester		296	C19H36O2	056554-47-3	93
3	(Z)-15-Octadecenoic acid methyl ...		296	C19H36O2	1000427-69-3	93
4	9-Octadecenoic acid (Z)-, methyl...		296	C19H36O2	000112-62-9	87
5	11-Octadecenoic acid, methyl ester		296	C19H36O2	052380-33-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133631.D
Acq On : 07 Jun 2023 18:27
Operator : CG\JU
Sample : 03038-01
Misc :
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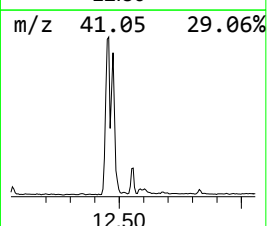
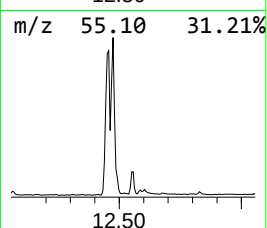
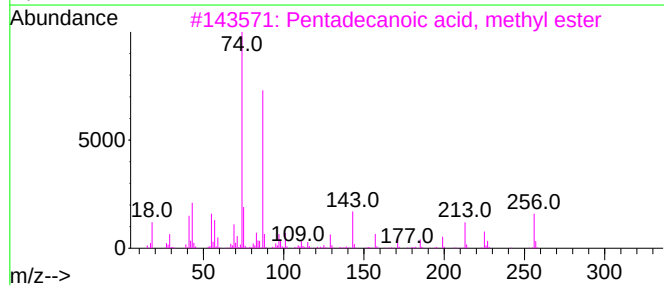
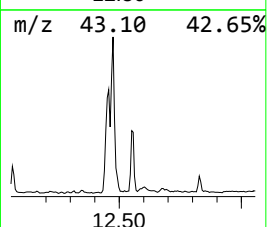
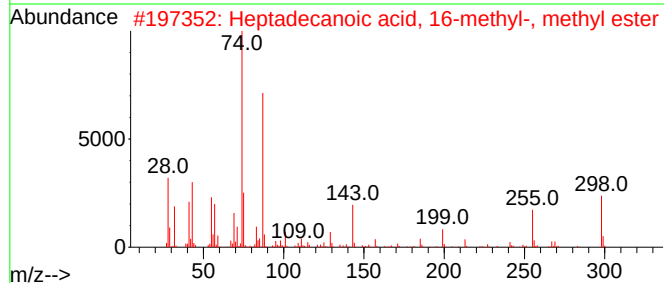
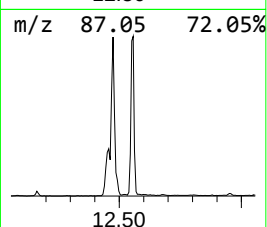
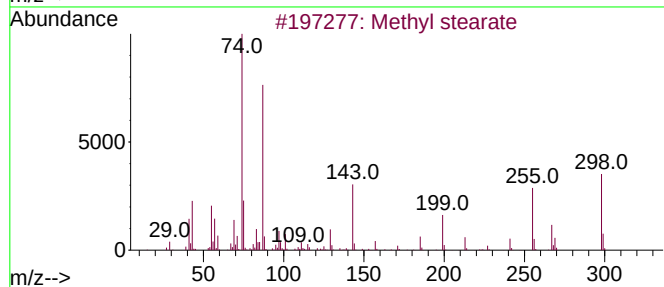
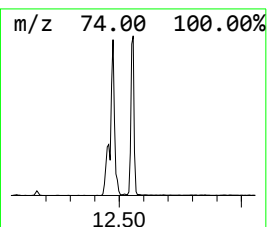
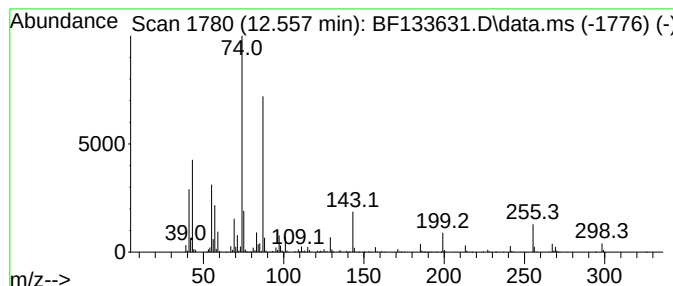
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.557	20.63 ng	763946	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	98
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86
5		Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133631.D
Acq On : 07 Jun 2023 18:27
Operator : CG\JU
Sample : 03038-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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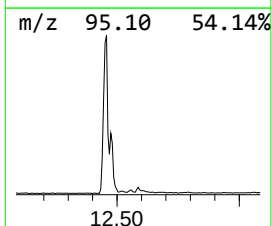
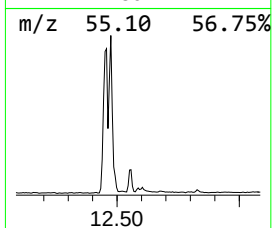
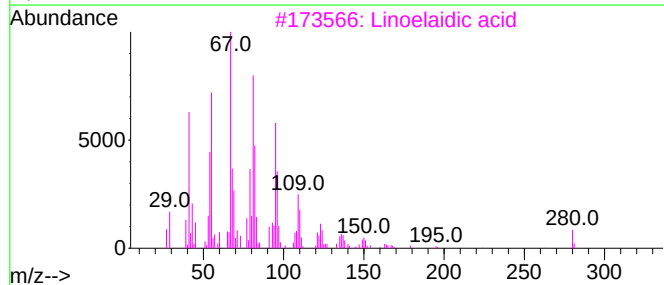
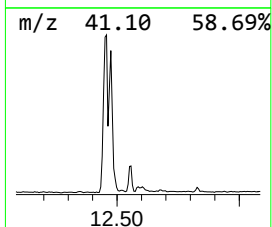
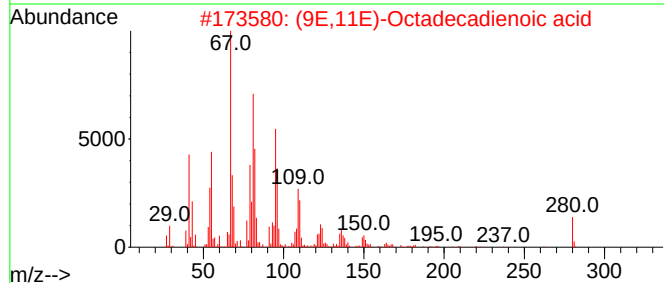
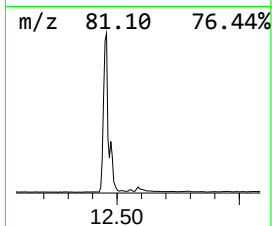
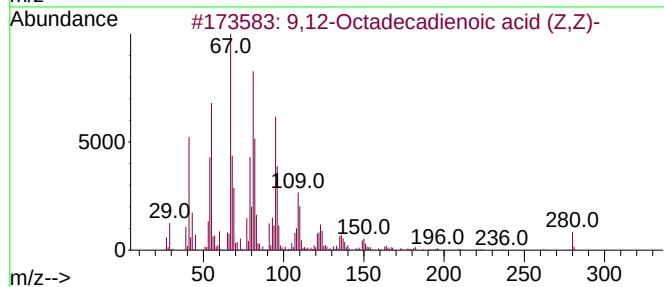
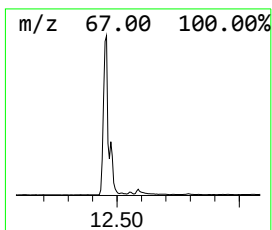
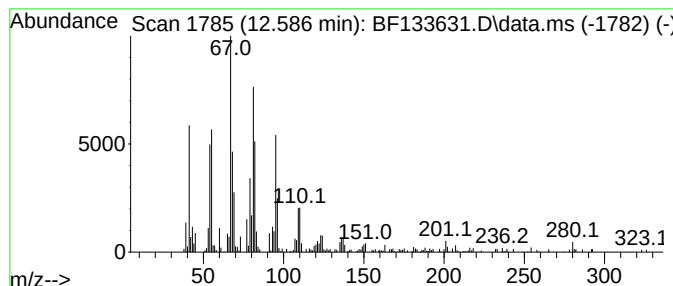
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	2.80 ng	103858	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
2		(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	95
3		Linoelaidic acid	280	C18H32O2	000506-21-8	95
4		10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	93
5		7-Hexadecyne	222	C16H30	074685-28-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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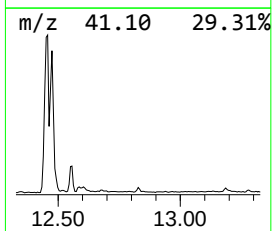
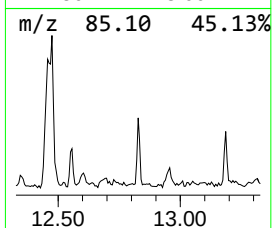
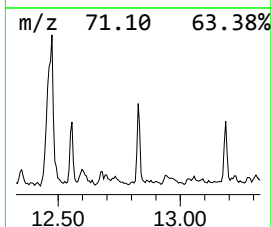
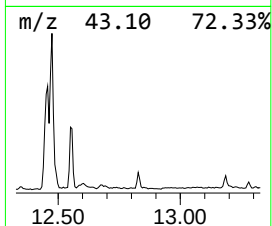
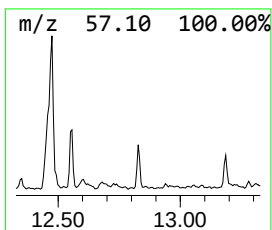
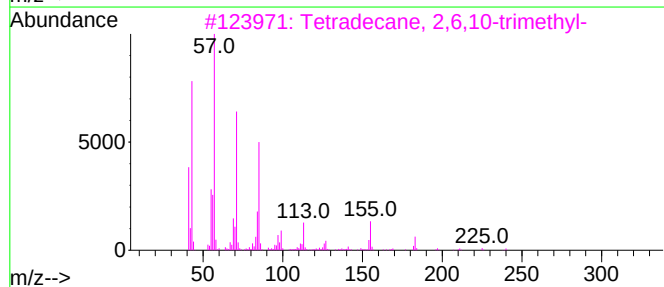
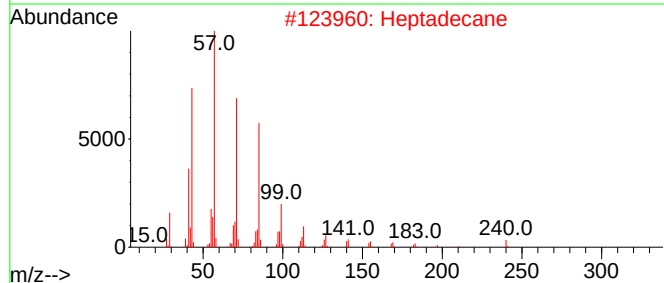
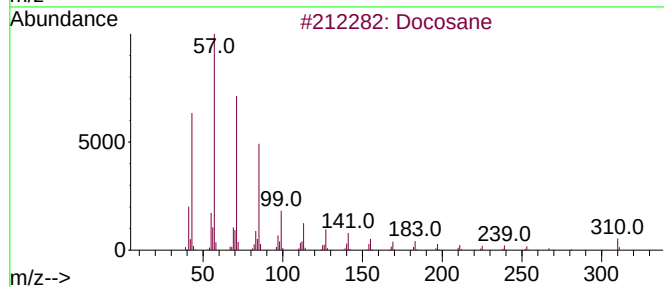
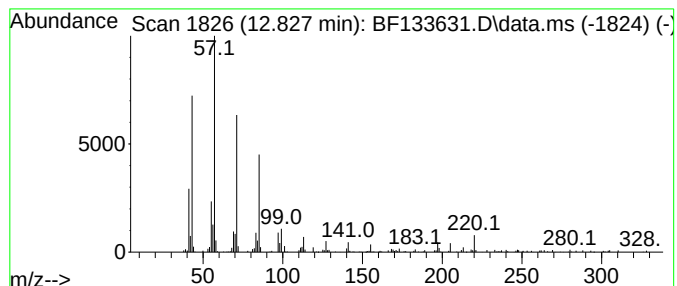
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.827	3.57 ng	97466	Chrysene-d12	14.010	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4	Octacosane	394	C28H58	000630-02-4	83
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133631.D
Acq On : 07 Jun 2023 18:27
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ClientSampleId :
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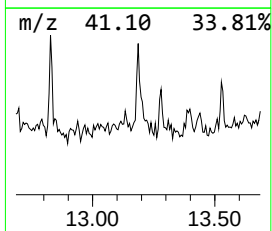
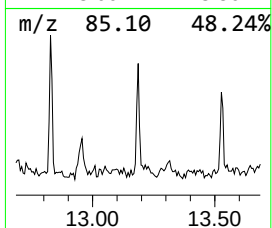
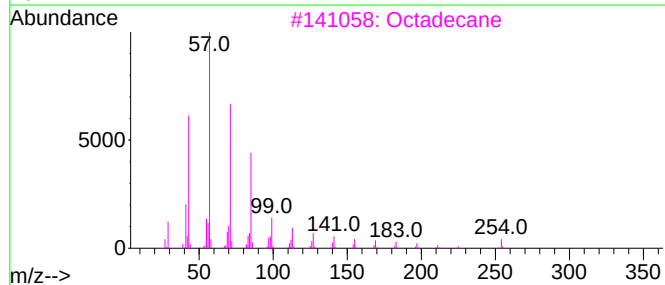
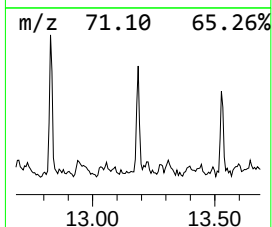
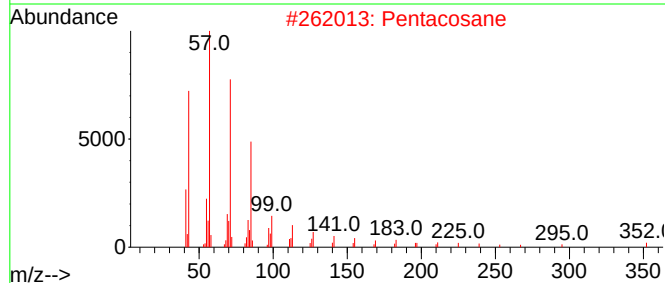
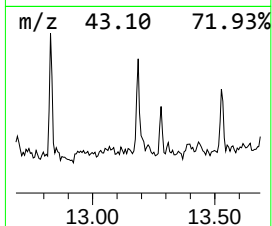
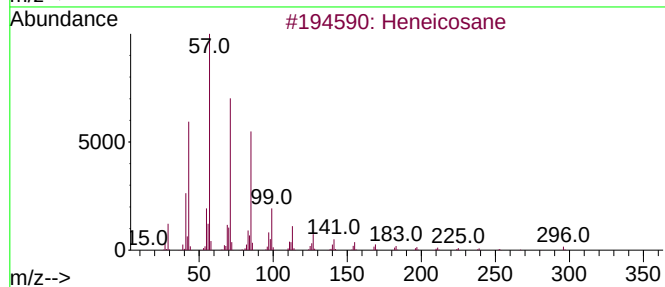
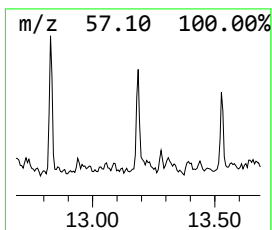
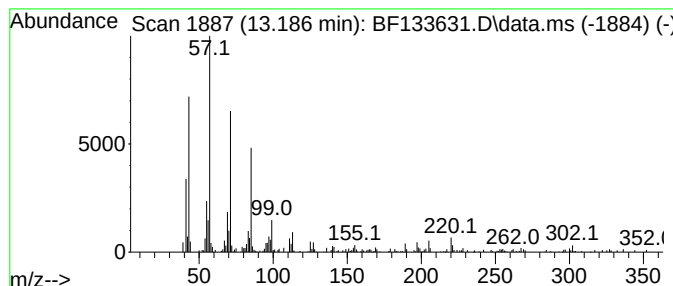
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	5.41 ng	147739	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	95
2			Pentacosane	352	C25H52	000629-99-2	93
3			Octadecane	254	C18H38	000593-45-3	87
4			Hexadecane	226	C16H34	000544-76-3	87
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133631.D
Acq On : 07 Jun 2023 18:27
Operator : CG\JU
Sample : 03038-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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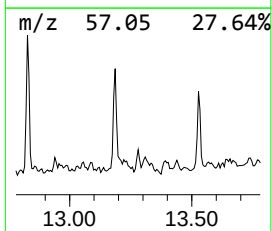
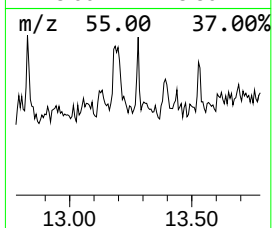
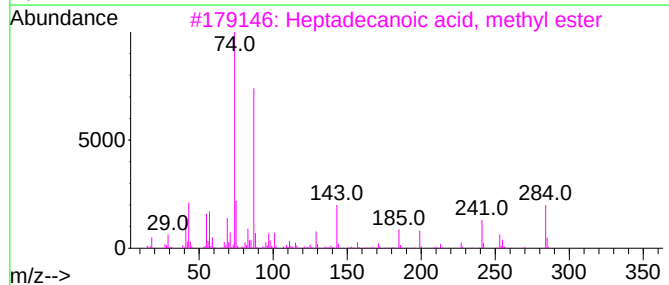
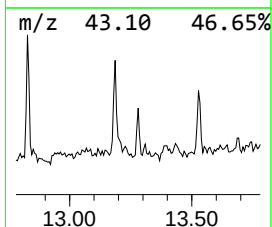
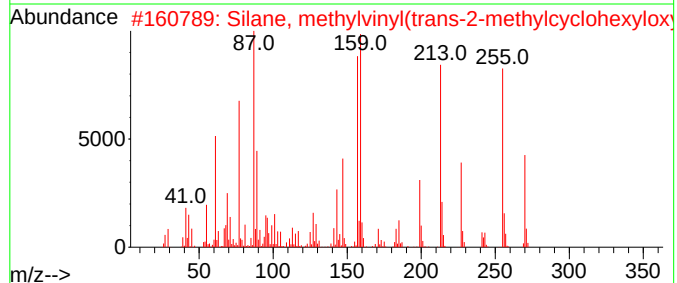
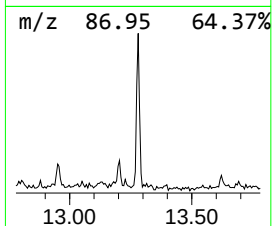
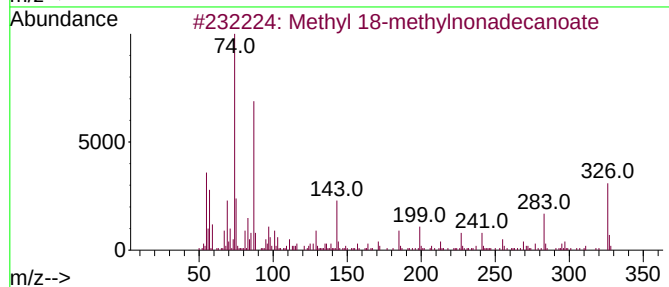
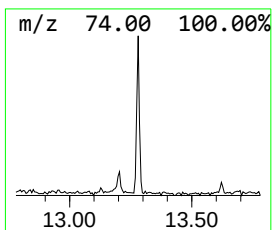
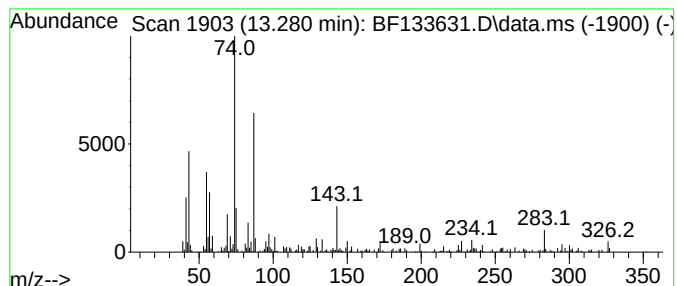
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl 18-methylnonadecanoate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.61 ng	71284	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	93
2			Silane, methylvinyl(trans-2-meth...	270	C15H30O2Si	1000421-08-5	91
3			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	89
4			Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	89
5			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133631.D
Acq On : 07 Jun 2023 18:27
Operator : CG\JU
Sample : 03038-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

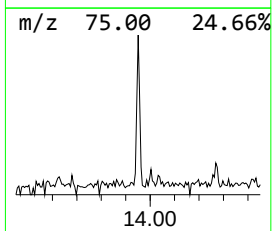
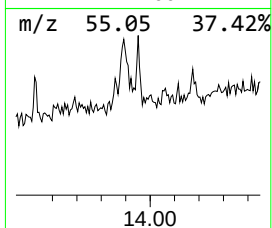
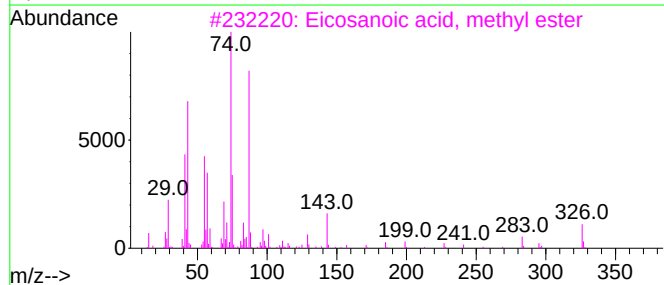
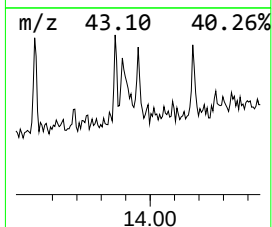
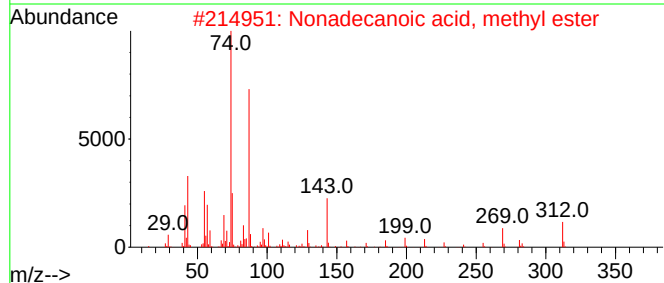
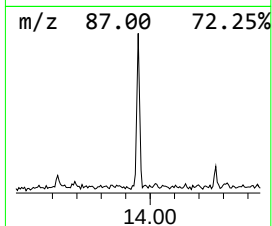
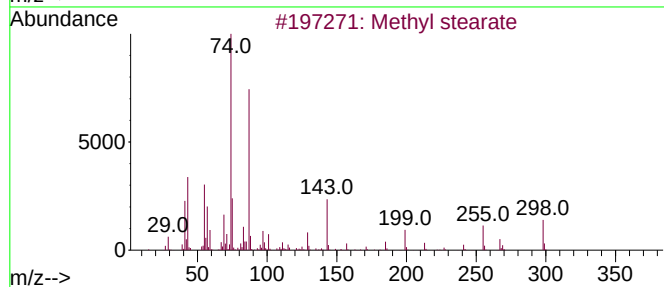
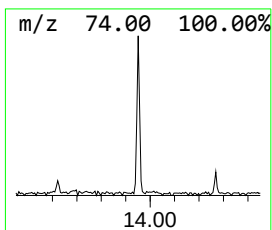
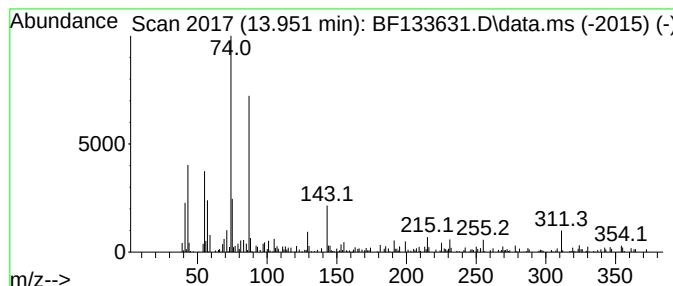
Instrument :
BNA_F
ClientSampleId :
NB-07-060223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecanoic acid, methyl e... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.951	2.87 ng	78301	Chrysene-d12		14.010	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Methyl stearate		298	C19H38O2	000112-61-8	93
2	Nonadecanoic acid, methyl ester		312	C20H40O2	001731-94-8	93
3	Eicosanoic acid, methyl ester		326	C21H42O2	001120-28-1	90
4	Docosanoic acid, methyl ester		354	C23H46O2	000929-77-1	87
5	Heptadecanoic acid, methyl ester		284	C18H36O2	001731-92-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133631.D
 Acq On : 07 Jun 2023 18:27
 Operator : CG\JU
 Sample : 03038-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-060223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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
Butane, 2-metho...	2.122	8.1	ng	283666	1	6.834	704100	20.0
Naphthalene, 1,...	8.939	2.9	ng	138657	2	8.116	945170	20.0
Hexadecane	9.804	2.9	ng	121313	3	9.875	850479	20.0
Octacosane	10.304	4.8	ng	203404	3	9.875	850479	20.0
Tridecane	10.528	3.1	ng	132497	3	9.875	850479	20.0
Tetradecane	10.780	9.5	ng	352737	4	11.363	740532	20.0
Nonadecane	11.227	6.1	ng	226304	4	11.363	740532	20.0
Eicosane	11.257	3.3	ng	123083	4	11.363	740532	20.0
Pentadecane	11.657	5.0	ng	185016	4	11.363	740532	20.0
Hexadecanoic ac...	11.757	40.4	ng	1496950	4	11.363	740532	20.0
n-Hexadecanoic ...	11.892	6.1	ng	226010	4	11.363	740532	20.0
Tridecane, 6-pr...	12.063	5.4	ng	201285	4	11.363	740532	20.0
9,12-Octadecadi...	12.457	158.1	ng	5851940	4	11.363	740532	20.0
16-Octadecenoic...	12.474	105.5	ng	3906890	4	11.363	740532	20.0
Methyl stearate	12.557	20.6	ng	763946	4	11.363	740532	20.0
9,12-Octadecadi...	12.586	2.8	ng	103858	4	11.363	740532	20.0
Docosane	12.827	3.6	ng	97466	5	14.010	546481	20.0
Heneicosane	13.186	5.4	ng	147739	5	14.010	546481	20.0
Methyl 18-methy...	13.280	2.6	ng	71284	5	14.010	546481	20.0
Nonadecanoic ac...	13.951	2.9	ng	78301	5	14.010	546481	20.0