

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128103.D
 Acq On : 05 May 2022 19:23
 Operator : CG\JU
 Sample : N2672-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 04

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128103.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.169	486	490	497	rVB	29562	40629	1.11%	0.162%
2	5.540	547	553	556	rBV	2780600	2963528	81.02%	11.850%
3	6.540	717	723	726	rBV	2772713	3093577	84.58%	12.370%
4	6.728	752	755	758	rBV	163274	124401	3.40%	0.497%
5	6.904	781	785	788	rVB	732507	562715	15.38%	2.250%
6	7.169	824	830	833	rBV3	33980	37288	1.02%	0.149%
7	7.228	837	840	845	rVB2	34710	37778	1.03%	0.151%
8	7.475	876	882	888	rVB	1989075	2310798	63.18%	9.240%
9	7.922	955	958	961	rBV	50374	39795	1.09%	0.159%
10	8.157	994	998	1000	rBV	209094	187652	5.13%	0.750%
11	8.186	1000	1003	1008	rVV	860849	746989	20.42%	2.987%
12	8.234	1008	1011	1014	rVB2	62433	56571	1.55%	0.226%
13	8.469	1047	1051	1056	rVB4	42190	54933	1.50%	0.220%
14	8.592	1069	1072	1075	rVB	62411	49501	1.35%	0.198%
15	8.763	1096	1101	1106	rBV	211368	199685	5.46%	0.798%
16	9.263	1181	1186	1189	rBV	3533517	3657757	100.00%	14.626%
17	9.333	1194	1198	1201	rVB	199813	172454	4.71%	0.690%
18	9.651	1248	1252	1254	rBV2	54743	56626	1.55%	0.226%
19	9.863	1282	1288	1291	rBV	172948	143125	3.91%	0.572%
20	9.945	1297	1302	1305	rVB	1069356	862973	23.59%	3.451%
21	10.363	1368	1373	1376	rBV	148187	123017	3.36%	0.492%
22	10.580	1405	1410	1413	rBV2	46335	60103	1.64%	0.240%
23	10.739	1432	1437	1440	rBV	2604529	2545140	69.58%	10.177%
24	10.833	1450	1453	1459	rBV	119351	134194	3.67%	0.537%
25	11.286	1527	1530	1532	rBV	109850	88668	2.42%	0.355%
26	11.316	1532	1535	1541	rVB2	44386	56502	1.54%	0.226%
27	11.439	1551	1556	1558	rBV	1038864	939794	25.69%	3.758%
28	11.457	1558	1559	1564	rVB	61560	50043	1.37%	0.200%
29	11.710	1599	1602	1606	rVB	86350	69308	1.89%	0.277%
30	11.816	1617	1620	1623	rVB	60282	45153	1.23%	0.181%
31	11.951	1638	1643	1644	rBV2	40173	45275	1.24%	0.181%
32	12.121	1669	1672	1675	rBV	77422	62047	1.70%	0.248%
33	12.504	1731	1737	1739	rBV3	231775	233681	6.39%	0.934%
34	12.521	1739	1740	1747	rVB2	171931	139956	3.83%	0.560%
35	12.651	1759	1762	1765	rBV	80417	65857	1.80%	0.263%
36	12.880	1795	1801	1804	rBV	106938	104202	2.85%	0.417%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.027	1821	1826	1829	rBV	3599628	3398792	92.92%	13.591%
38	13.239	1859	1862	1865	rBV	41825	37894	1.04%	0.152%
39	13.580	1916	1920	1923	rBV2	41066	37631	1.03%	0.150%
40	13.927	1973	1979	1991	rBV3	65419	168425	4.60%	0.673%
41	14.080	2001	2005	2008	rBV	686663	596879	16.32%	2.387%
42	14.739	2114	2117	2128	rVB	59579	85875	2.35%	0.343%
43	15.580	2255	2260	2269	rBV	411150	520959	14.24%	2.083%

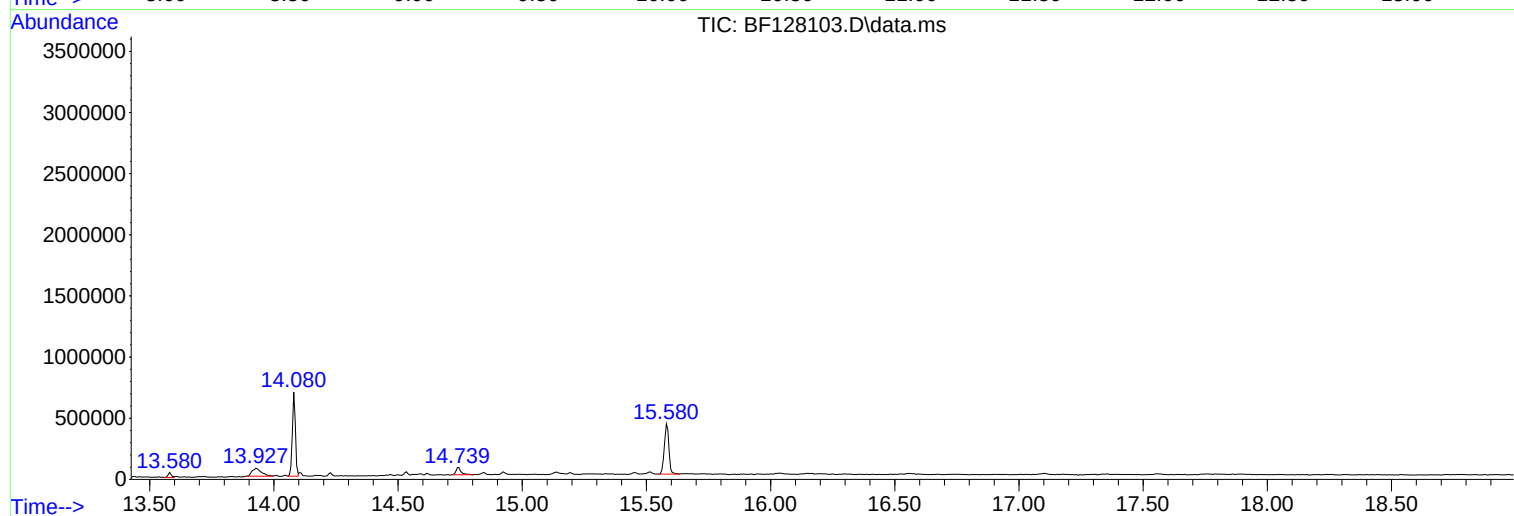
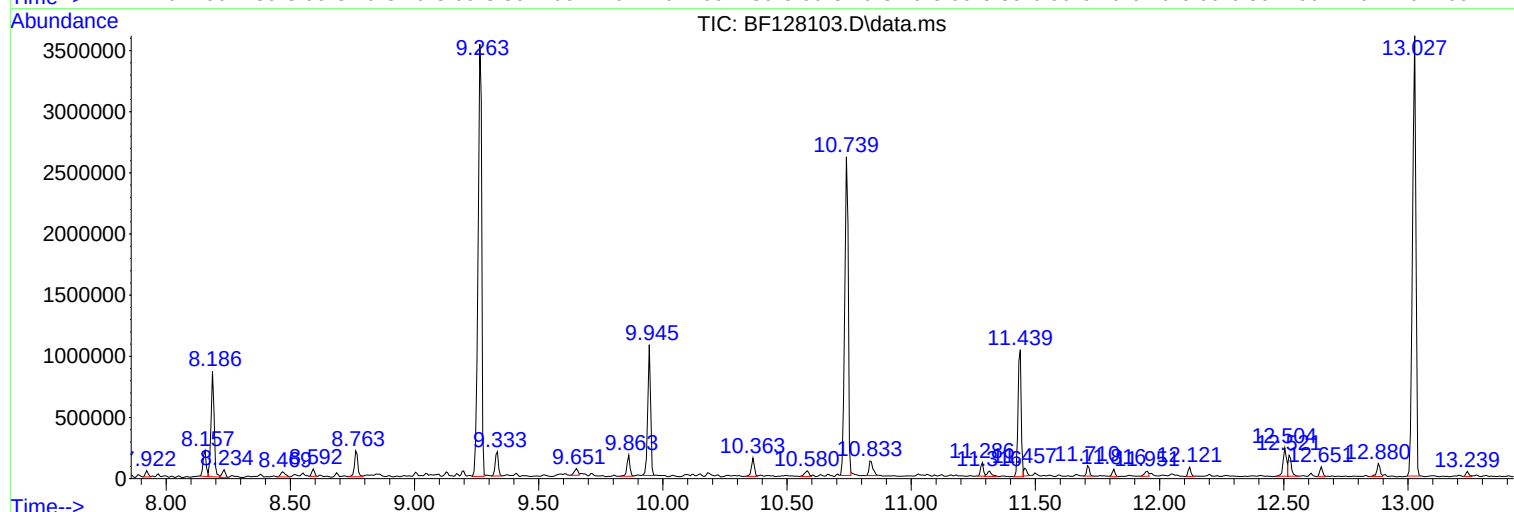
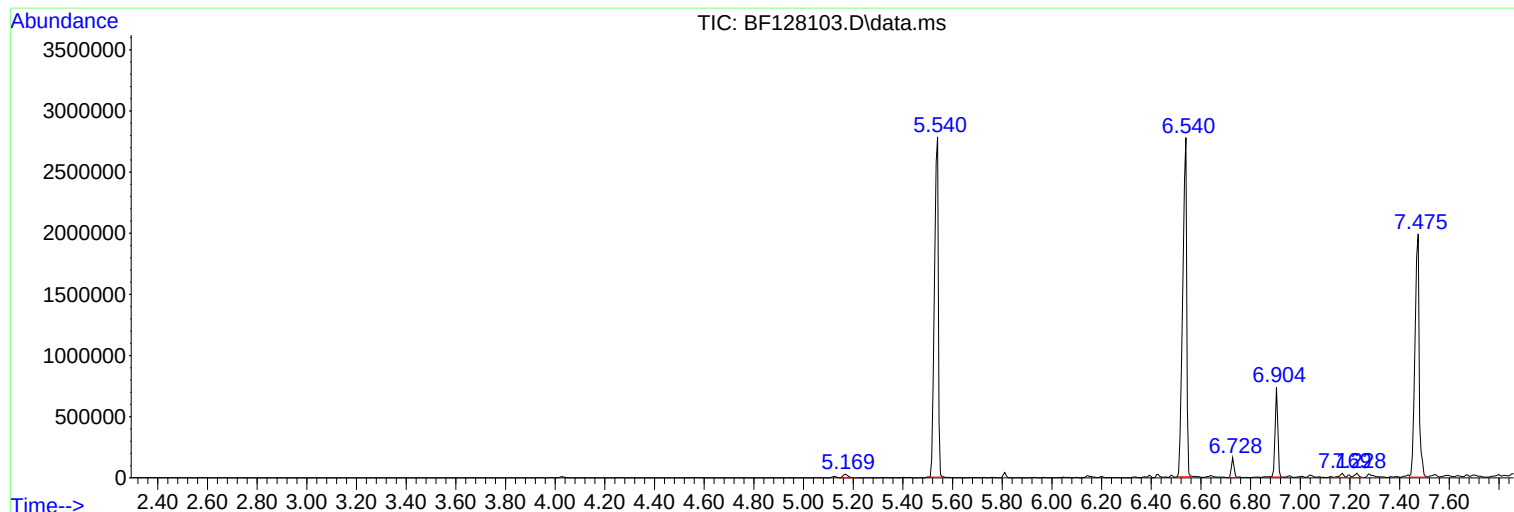
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : CG\JU
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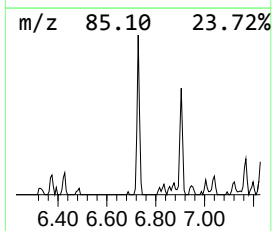
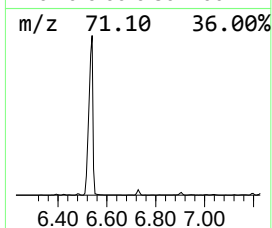
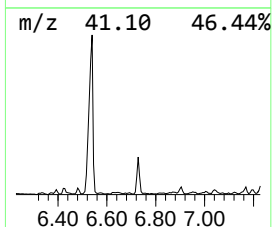
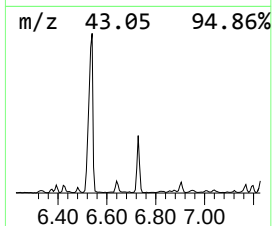
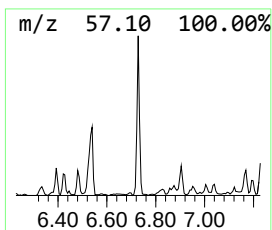
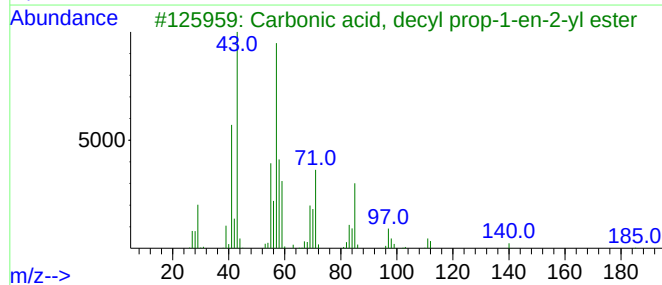
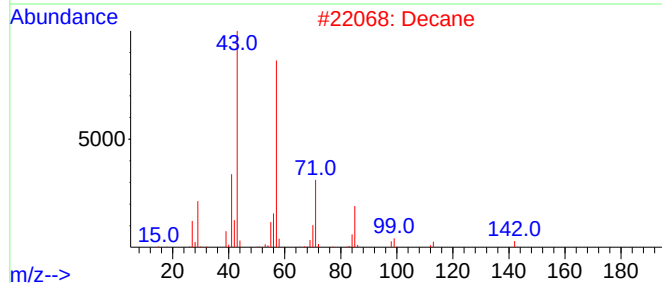
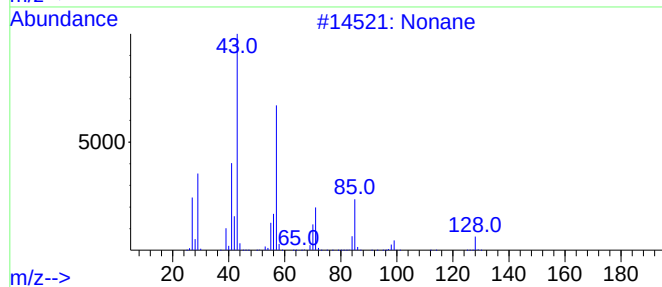
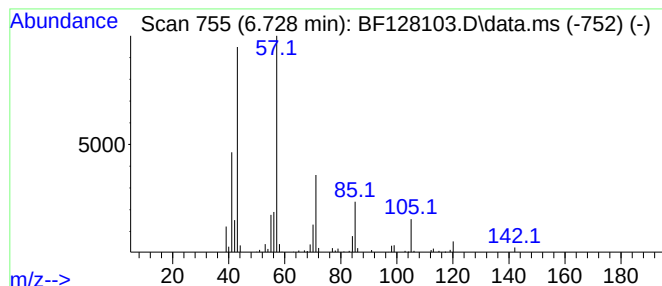
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	4.42 ng	124401	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	80
2			Decane	142	C10H22	000124-18-5	76
3			Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	72
4			Tridecane	184	C13H28	000629-50-5	72
5			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	72



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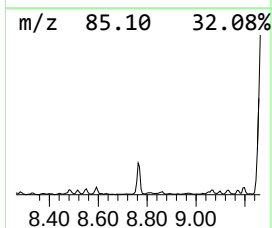
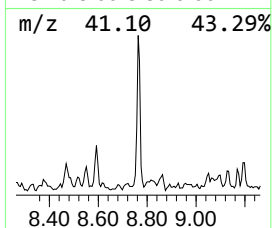
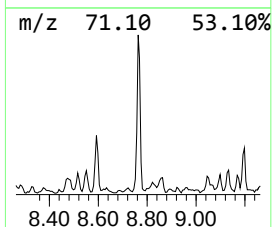
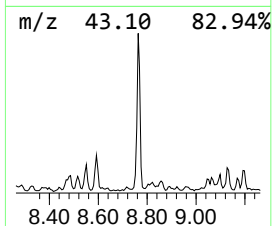
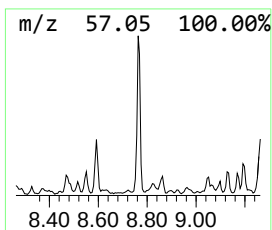
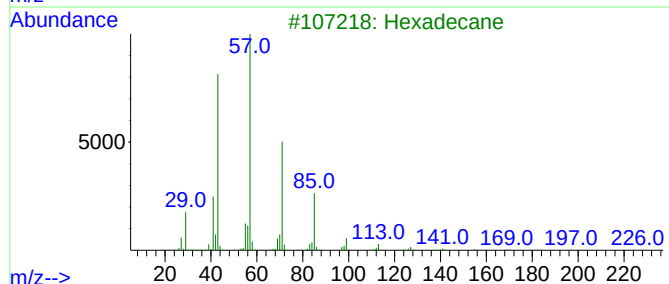
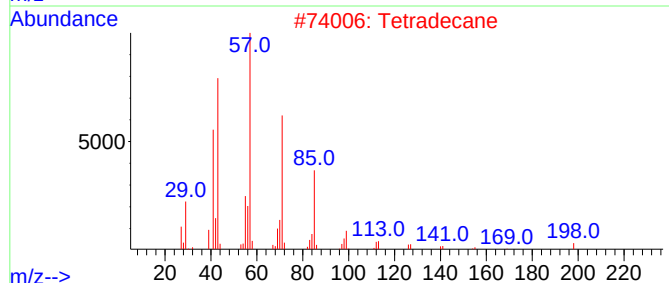
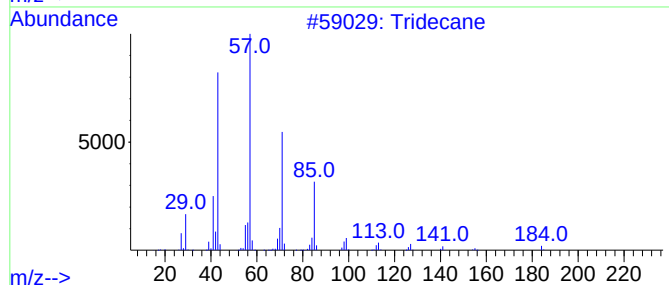
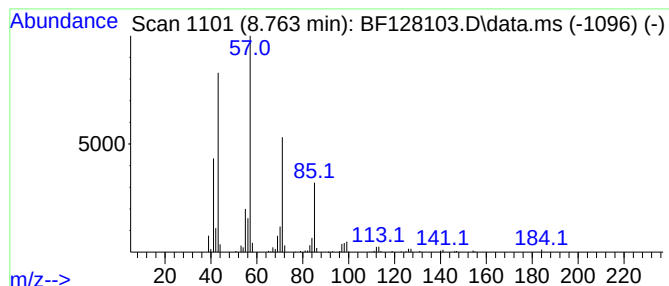
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	5.35 ng	199685	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tetradecane	198	C14H30	000629-59-4	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5			Nonadecane	268	C19H40	000629-92-5	78



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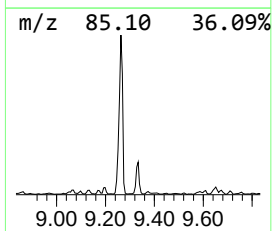
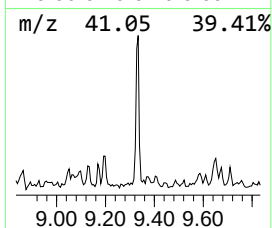
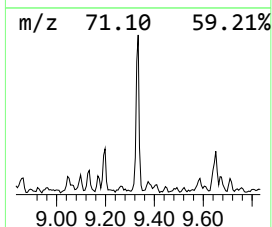
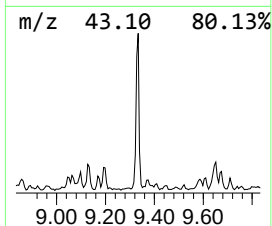
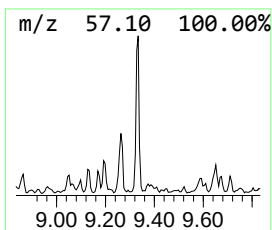
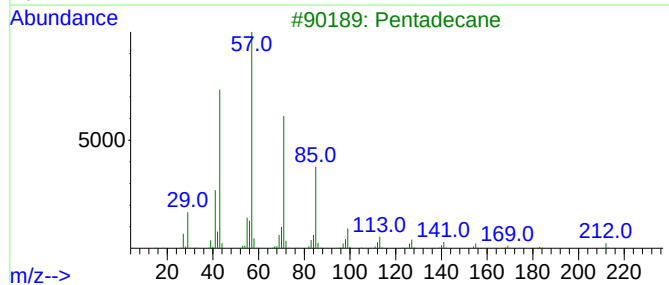
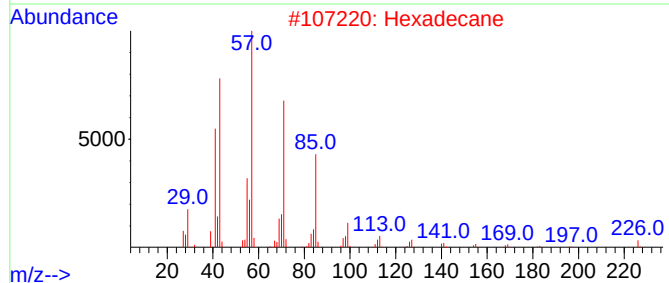
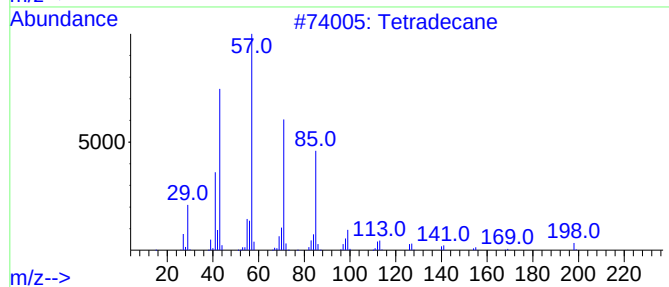
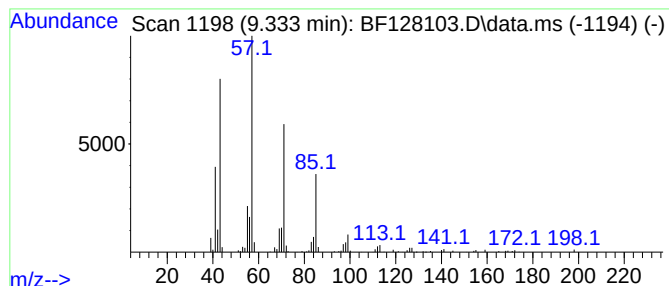
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	4.00 ng	172454	Acenaphthene-d10	9.945

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	80
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5		Tridecane	184	C13H28	000629-50-5	80



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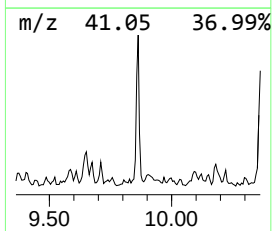
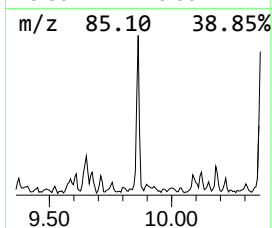
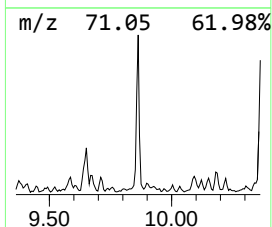
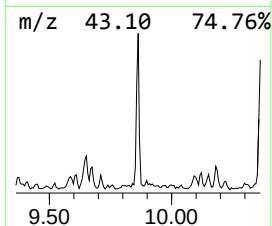
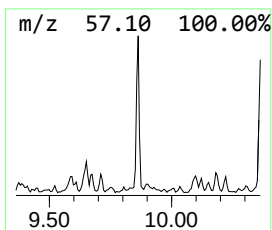
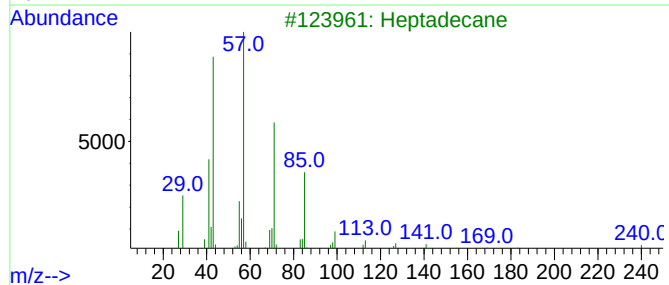
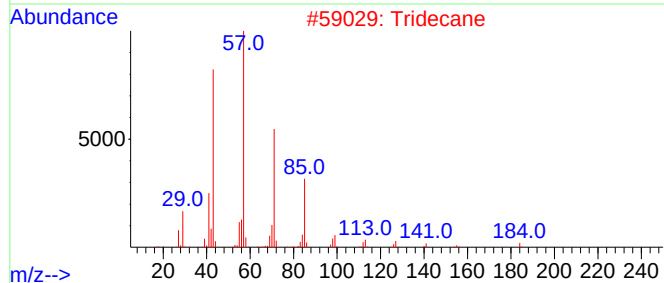
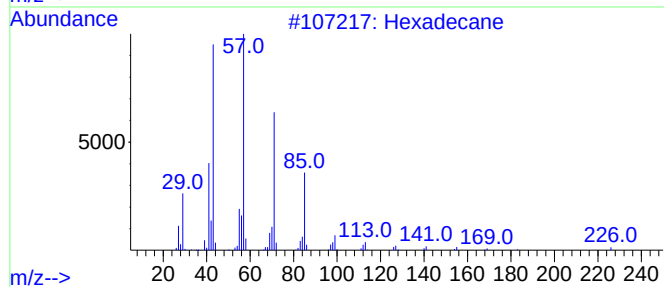
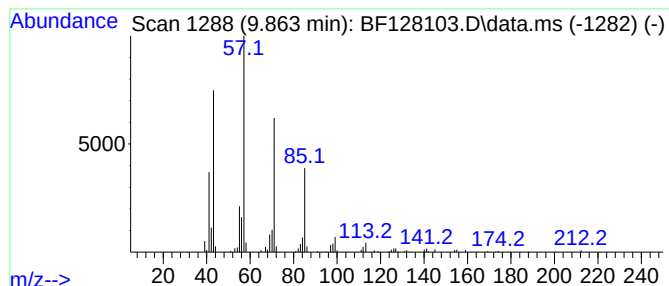
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	3.32 ng	143125	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Dodecane	170	C12H26	000112-40-3	83
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



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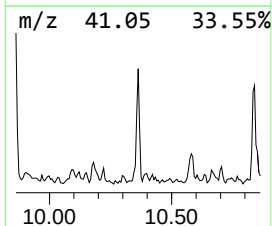
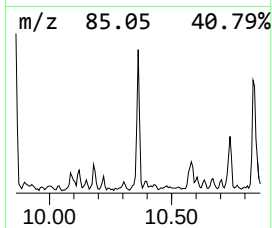
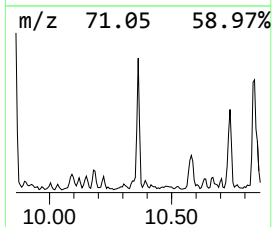
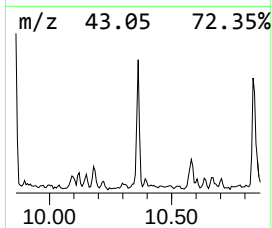
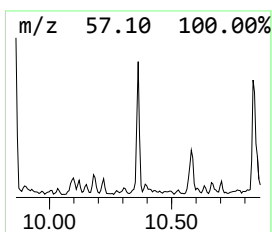
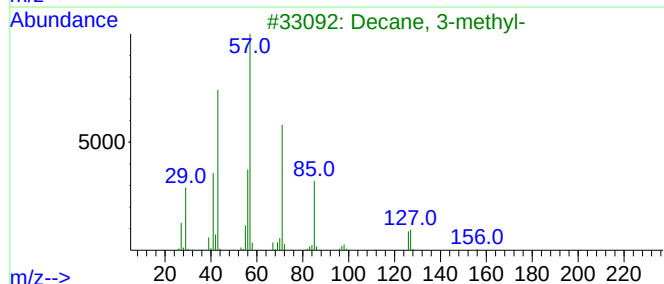
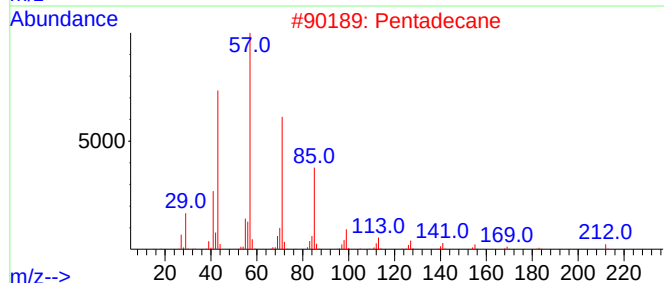
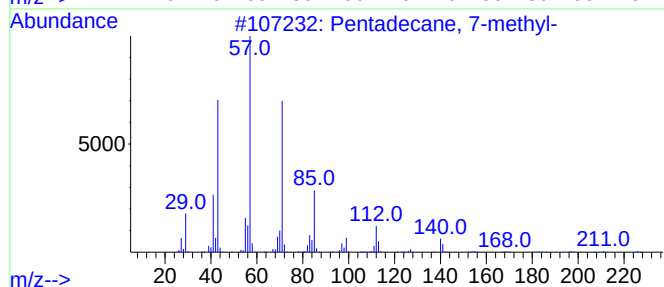
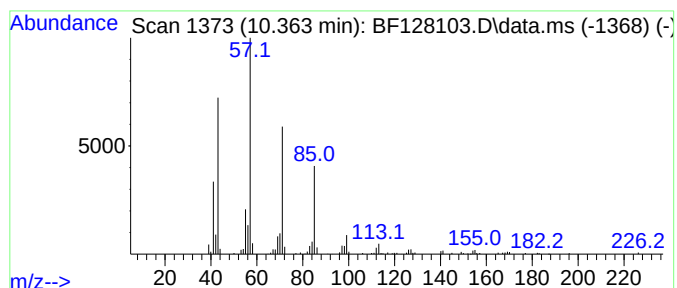
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.363	2.85 ng	123017	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Decane, 3-methyl-	156	C11H24	013151-34-3	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128103.D
Acq On : 05 May 2022 19:23
Operator : CG\JU
Sample : N2672-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
04

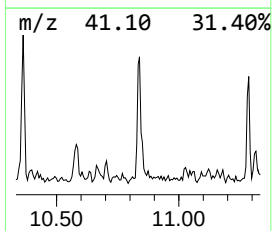
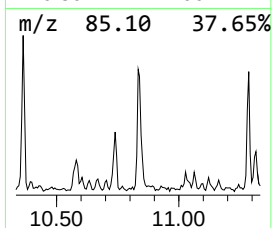
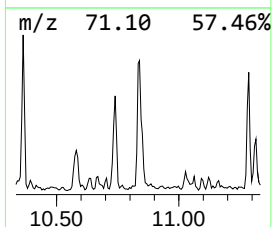
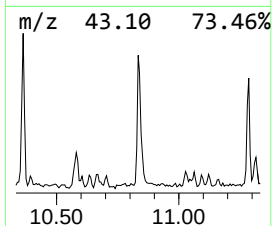
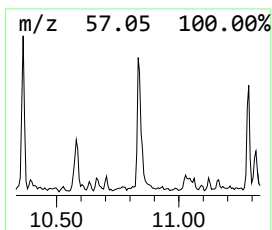
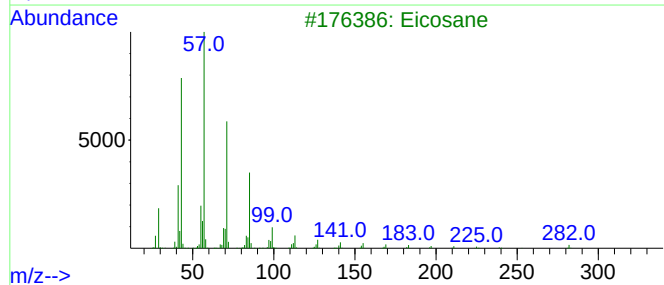
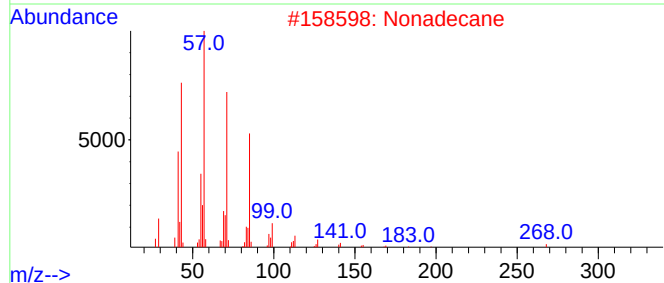
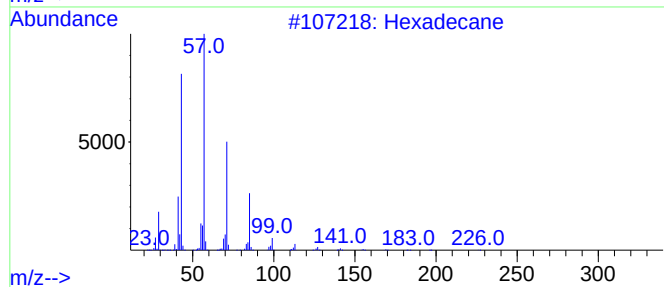
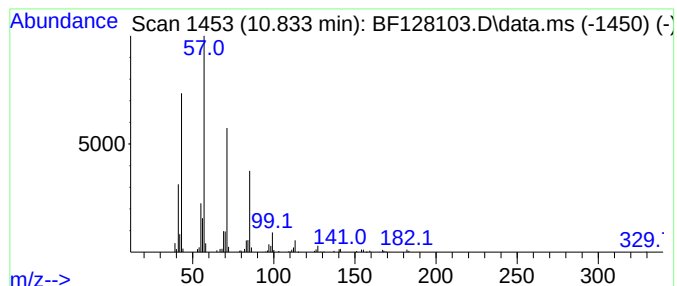
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	2.86 ng	134194	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Nonadecane	268	C19H40	000629-92-5	87
3			Eicosane	282	C20H42	000112-95-8	86
4			Heneicosane	296	C21H44	000629-94-7	83
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128103.D
Acq On : 05 May 2022 19:23
Operator : CG\JU
Sample : N2672-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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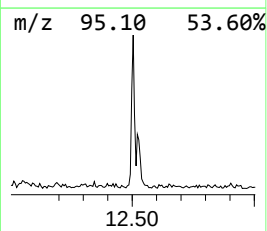
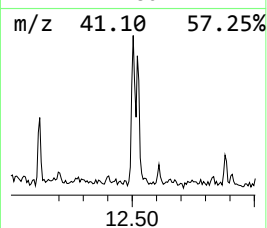
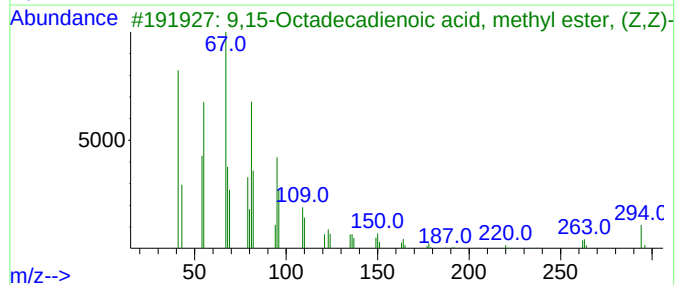
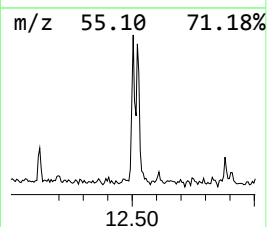
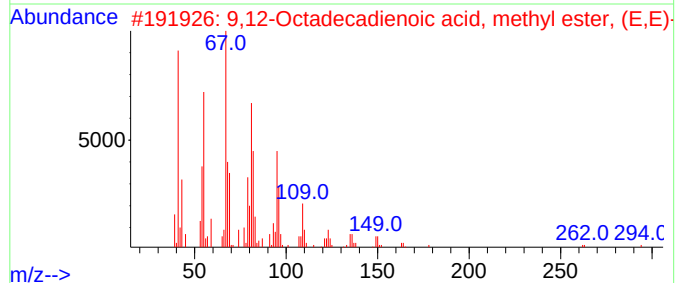
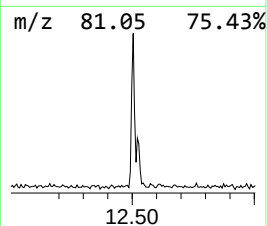
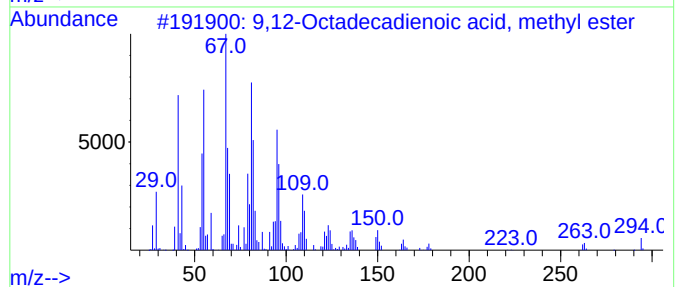
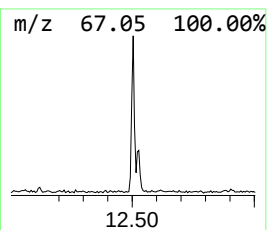
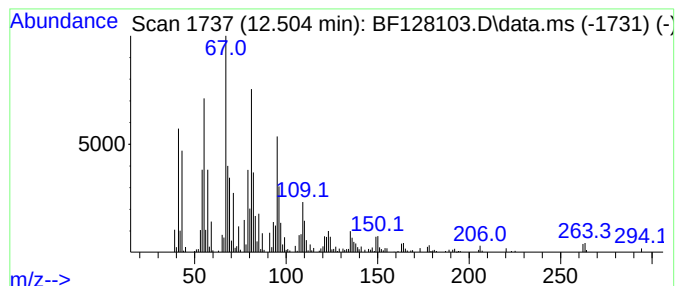
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	4.97 ng	233681	Phenanthrene-d10	11.439

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			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
5			11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128103.D
Acq On : 05 May 2022 19:23
Operator : CG\JU
Sample : N2672-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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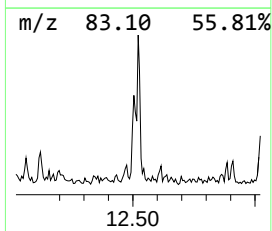
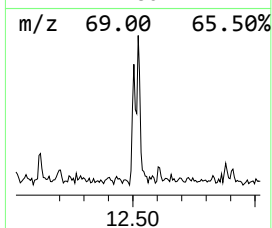
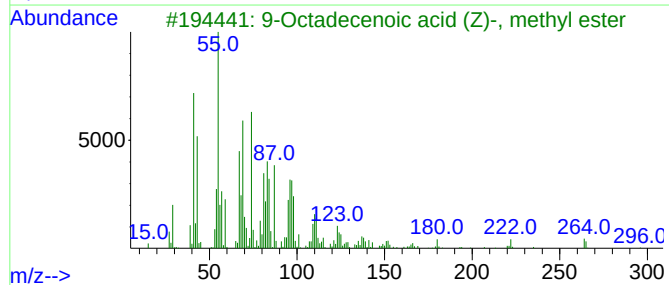
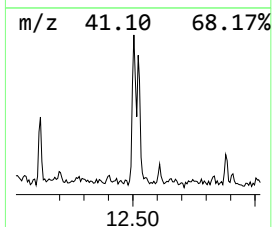
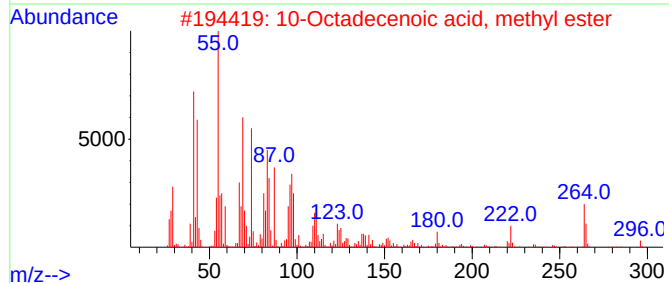
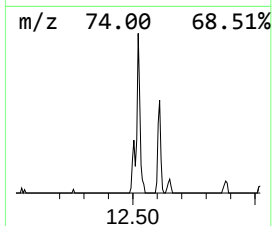
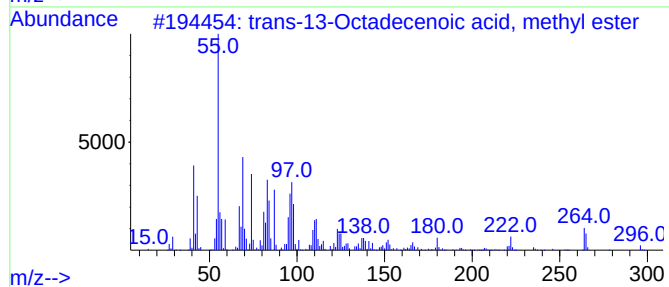
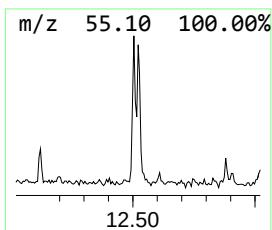
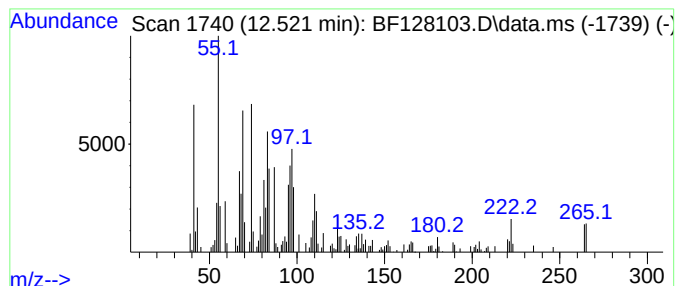
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 trans-13-Octadecenoic acid,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	2.98 ng	139956	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
2			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
3			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	90
4			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
5			6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128103.D
Acq On : 05 May 2022 19:23
Operator : CG\JU
Sample : N2672-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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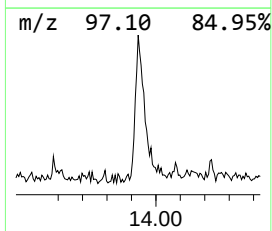
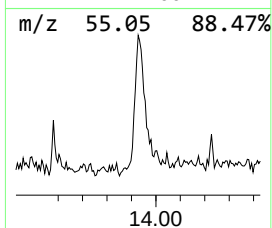
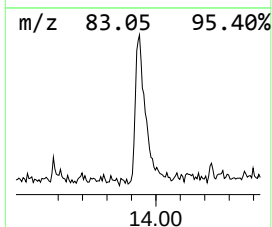
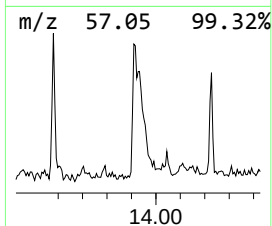
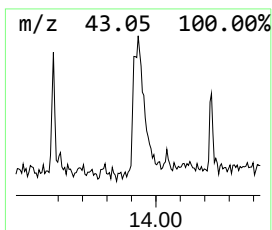
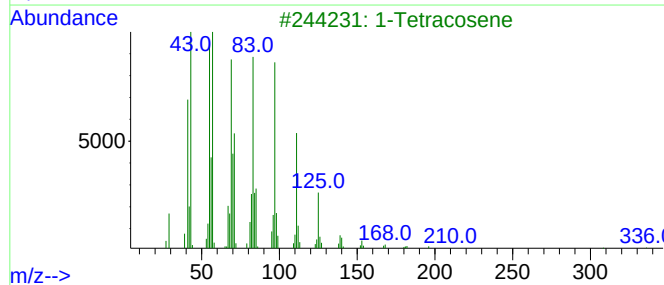
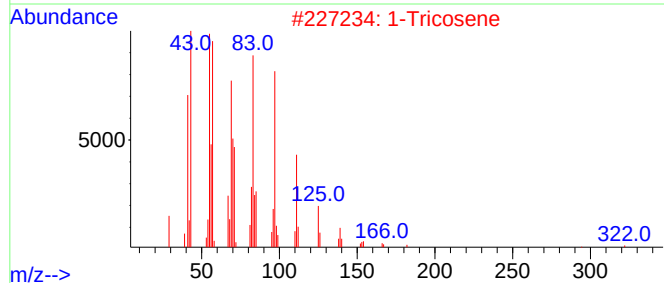
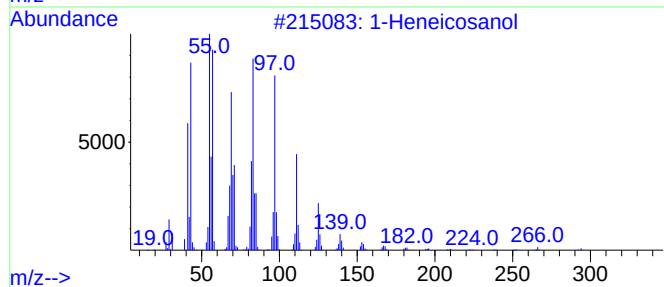
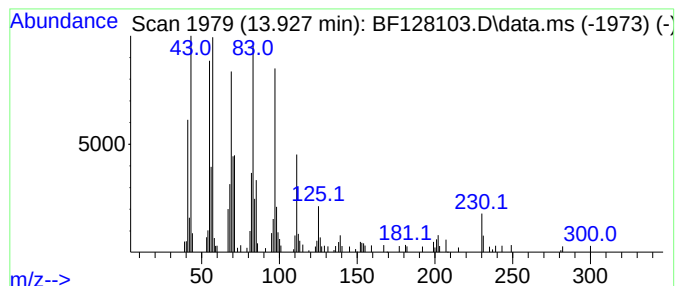
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	5.64 ng	168425	Chrysene-d12	14.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	94
2		1-Tricosene	322	C23H46	018835-32-0	93
3		1-Tetracosene	336	C24H48	010192-32-2	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		1-Hexacosanol	382	C26H54O	000506-52-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128103.D
Acq On : 05 May 2022 19:23
Operator : CG\JU
Sample : N2672-04
Misc :
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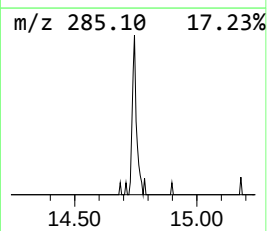
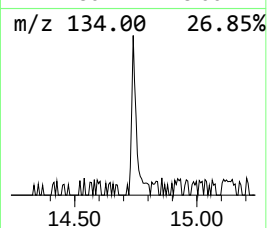
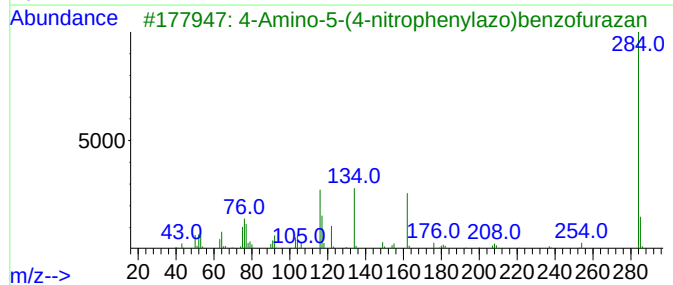
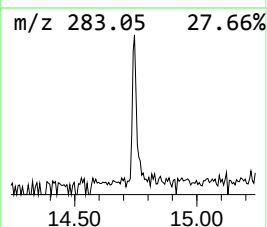
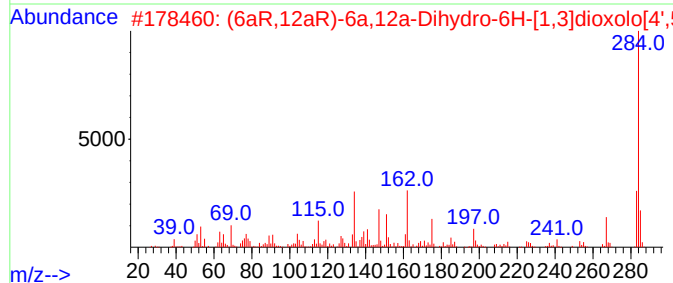
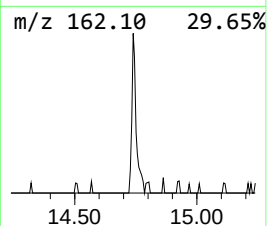
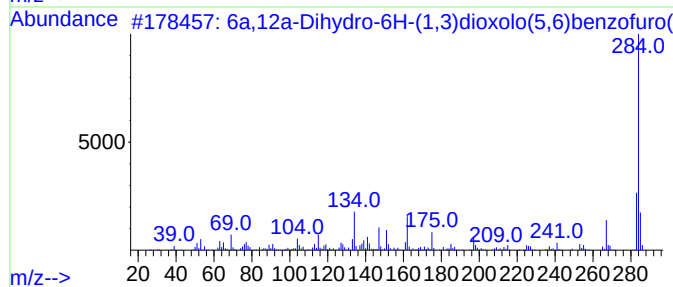
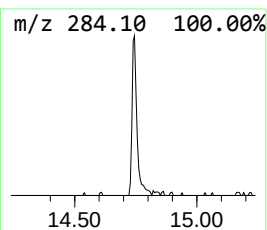
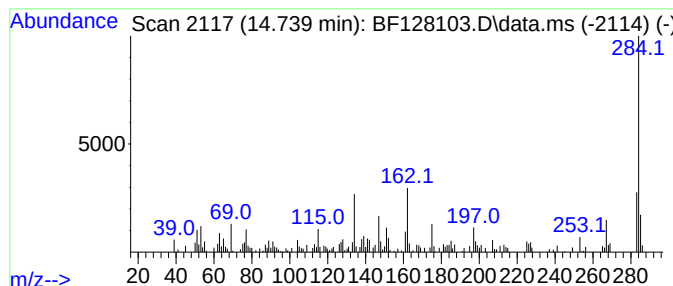
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 6a,12a-Dihydro-6H-(1,3)diox... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.739	2.88 ng	85875	Chrysene-d12	14.080	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6a,12a-Dihydro-6H-(1,3)dioxolo(5,6)benzofuro(3,4-b)pyridine	284	C16H12O5	076496-57-6	94
2	(6aR,12aR)-6a,12a-Dihydro-6H-[1,3]dioxolo(5,6)benzofuro(3,4-b)pyridine	284	C16H12O5	002035-15-6	94
3	4-Amino-5-(4-nitrophenylazo)benzofuran	284	C12H8N6O3	166766-07-0	58
4	3-Hydroxy-2-(4-hydroxy-3-methoxyphenyl)-4,5-dihydro-1H-benzofuran	284	C16H12O5	159184-95-9	46
5	9,10-Anthracenedione, 1,8-dihydroxy-	284	C16H12O5	000521-61-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128103.D
Acq On : 05 May 2022 19:23
Operator : CG\JU
Sample : N2672-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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
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Tridecane	8.763	5.3	ng	199685	2	8.186	746989	20.0
Tetradecane	9.333	4.0	ng	172454	3	9.945	862973	20.0
Hexadecane	9.863	3.3	ng	143125	3	9.945	862973	20.0
Pentadecane, 7-...	10.363	2.9	ng	123017	3	9.945	862973	20.0
Nonadecane	10.833	2.9	ng	134194	4	11.439	939794	20.0
9,12-Octadecadi...	12.504	5.0	ng	233681	4	11.439	939794	20.0
trans-13-Octade...	12.522	3.0	ng	139956	4	11.439	939794	20.0
1-Heneicosanol	13.927	5.6	ng	168425	5	14.080	596879	20.0
6a,12a-Dihydro-...	14.739	2.9	ng	85875	5	14.080	596879	20.0