

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135032.D
 Acq On : 31 Aug 2023 06:04
 Operator : CG\JU
 Sample : 04183-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-082523

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-BF083023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135032.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.392	558	562	570	rVB	1223951	1043918	4.13%	1.143%
2	6.404	731	734	739	rVB	1204200	981532	3.88%	1.074%
3	6.610	764	769	775	rBV2	414978	448941	1.78%	0.491%
4	6.769	792	796	803	rVB2	972430	1069211	4.23%	1.170%
5	7.045	840	843	846	rVB	302747	281288	1.11%	0.308%
6	7.092	846	851	852	rBV2	216892	281268	1.11%	0.308%
7	7.163	860	863	866	rVV2	369580	341393	1.35%	0.374%
8	7.304	882	887	889	rBV	328129	359814	1.42%	0.394%
9	7.328	889	891	896	rVV	720059	803581	3.18%	0.880%
10	7.369	896	898	901	rVB	1019022	718479	2.84%	0.786%
11	7.422	901	907	909	rVB4	274034	400313	1.58%	0.438%
12	7.575	930	933	936	rVB2	441755	442030	1.75%	0.484%
13	7.675	943	950	951	rBV3	253149	405849	1.61%	0.444%
14	7.739	957	961	963	rVB3	296510	345509	1.37%	0.378%
15	7.769	963	966	968	rBV3	313698	334093	1.32%	0.366%
16	8.010	1001	1007	1009	rBV5	226150	387632	1.53%	0.424%
17	8.039	1009	1012	1016	rVV2	1734923	2340419	9.26%	2.562%
18	8.116	1023	1025	1027	rVB	565979	422338	1.67%	0.462%
19	8.228	1037	1044	1045	rBV5	208713	354569	1.40%	0.388%
20	8.251	1045	1048	1051	rVB2	408544	402808	1.59%	0.441%
21	8.292	1051	1055	1059	rBV4	188782	313184	1.24%	0.343%
22	8.345	1059	1064	1067	rBV4	460103	677515	2.68%	0.742%
23	8.404	1071	1074	1077	rBV3	375653	336447	1.33%	0.368%
24	8.433	1077	1079	1082	rBV3	514239	462553	1.83%	0.506%
25	8.475	1082	1086	1088	rBV2	608595	610399	2.41%	0.668%
26	8.557	1096	1100	1103	rBV2	798093	707721	2.80%	0.775%
27	8.651	1112	1116	1119	rBV	1831315	1656390	6.55%	1.813%
28	8.710	1124	1126	1129	rVV	416934	422988	1.67%	0.463%
29	8.745	1129	1132	1134	rVB4	364401	328986	1.30%	0.360%
30	8.875	1151	1154	1157	rBV	612494	548114	2.17%	0.600%
31	9.016	1176	1178	1181	rVB2	465976	355581	1.41%	0.389%
32	9.080	1186	1189	1195	rVB3	667383	649382	2.57%	0.711%
33	9.127	1195	1197	1201	rVB	1055772	834677	3.30%	0.914%
34	9.216	1208	1212	1216	rBV	2131151	1951085	7.72%	2.136%
35	9.280	1221	1223	1226	rVV	459274	390310	1.54%	0.427%
36	9.404	1242	1244	1248	rVB5	287893	253570	1.00%	0.278%

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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-BF083023.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.445	1248	1251	1253	rBV2	285270	327089	1.29%	0.358%
38	9.469	1253	1255	1257	rVV3	332521	324645	1.28%	0.355%
39	9.492	1257	1259	1261	rVB2	437845	322941	1.28%	0.354%
40	9.533	1261	1266	1268	rBV4	858405	1087629	4.30%	1.191%
41	9.557	1268	1270	1273	rVB2	575040	505361	2.00%	0.553%
42	9.592	1273	1276	1279	rVB2	521093	519455	2.05%	0.569%
43	9.751	1300	1303	1306	rVB	2289007	1829959	7.24%	2.003%
44	9.786	1306	1309	1310	rBV2	314191	280233	1.11%	0.307%
45	9.810	1310	1313	1316	rVB	1161487	998005	3.95%	1.092%
46	9.980	1338	1342	1345	rBV2	291849	515223	2.04%	0.564%
47	10.069	1353	1357	1361	rBV3	495637	580917	2.30%	0.636%
48	10.251	1384	1388	1391	rVV	2245150	1848814	7.31%	2.024%
49	10.304	1395	1397	1402	rVB4	205296	254487	1.01%	0.279%
50	10.469	1419	1425	1428	rBV	788659	1076183	4.26%	1.178%
51	10.557	1437	1440	1443	rBV2	299551	321288	1.27%	0.352%
52	10.598	1443	1447	1451	rVB2	537290	666015	2.63%	0.729%
53	10.727	1466	1469	1477	rBV	2141969	2428187	9.61%	2.658%
54	11.174	1542	1545	1548	rBV	1506115	1400171	5.54%	1.533%
55	11.204	1548	1550	1557	rVB	641655	692959	2.74%	0.759%
56	11.304	1564	1567	1570	rBV	883599	741239	2.93%	0.811%
57	11.604	1615	1618	1621	rBV	1236615	1121750	4.44%	1.228%
58	11.721	1632	1638	1641	rVB	7212773	9266295	36.66%	10.143%
59	11.857	1656	1661	1667	rVB2	620180	855073	3.38%	0.936%
60	12.016	1685	1688	1693	rVB	1178481	1043495	4.13%	1.142%
61	12.439	1749	1760	1762	rBV6	7830401	25279328	100.00%	27.672%
62	12.486	1767	1768	1770	rVV	536871	385728	1.53%	0.422%
63	12.521	1770	1774	1776	rVV	5149402	4838007	19.14%	5.296%
64	12.551	1776	1779	1789	rVV2	1611695	2528331	10.00%	2.768%
65	12.786	1816	1819	1822	rBV	738151	625098	2.47%	0.684%
66	12.910	1834	1840	1844	rBV	758187	906864	3.59%	0.993%
67	13.092	1865	1871	1873	rBV4	259684	429707	1.70%	0.470%
68	13.145	1877	1880	1881	rBV	604186	577878	2.29%	0.633%
69	13.239	1893	1896	1898	rBV	670560	553544	2.19%	0.606%
70	13.392	1920	1922	1926	rVB	357425	346182	1.37%	0.379%
71	13.486	1935	1938	1941	rVB	430633	358301	1.42%	0.392%
72	13.668	1965	1969	1972	rVB3	208662	275248	1.09%	0.301%
73	13.815	1991	1994	2001	rVB	365560	399985	1.58%	0.438%
74	13.910	2007	2010	2015	rBV	643318	568774	2.25%	0.623%
75	13.962	2015	2019	2022	rVB	882943	776010	3.07%	0.849%
76	14.539	2114	2117	2122	rBV	266035	300434	1.19%	0.329%

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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

77	15.427	2264	2268	2273	rBV	417308	532972	2.11%	0.583%
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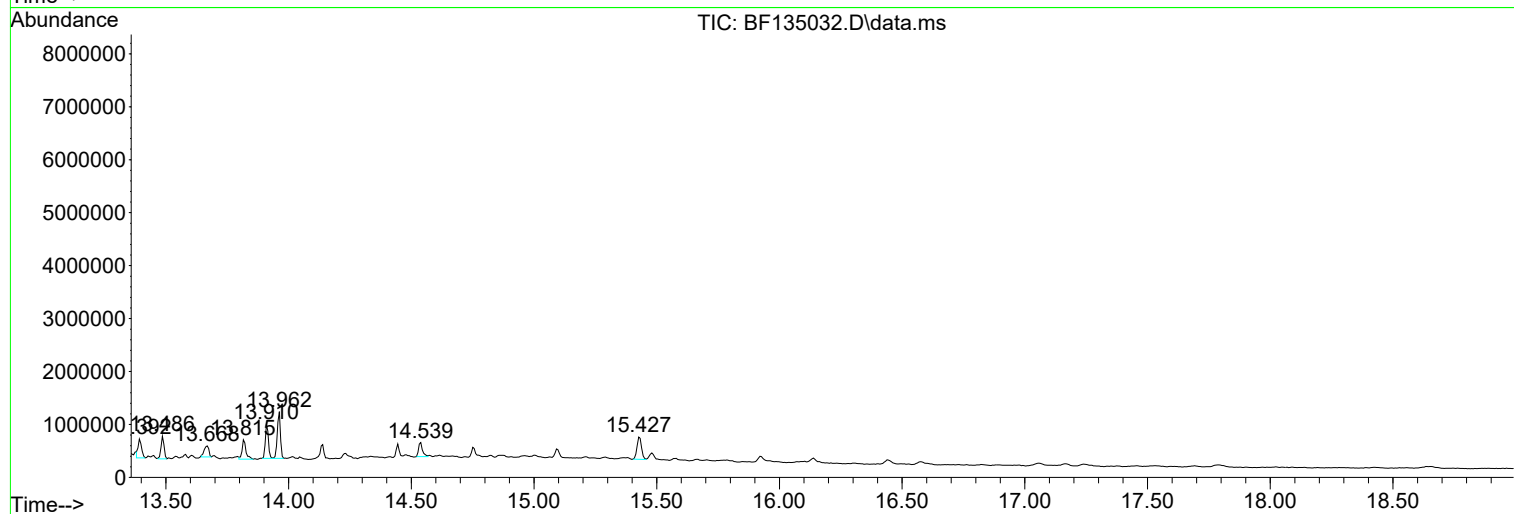
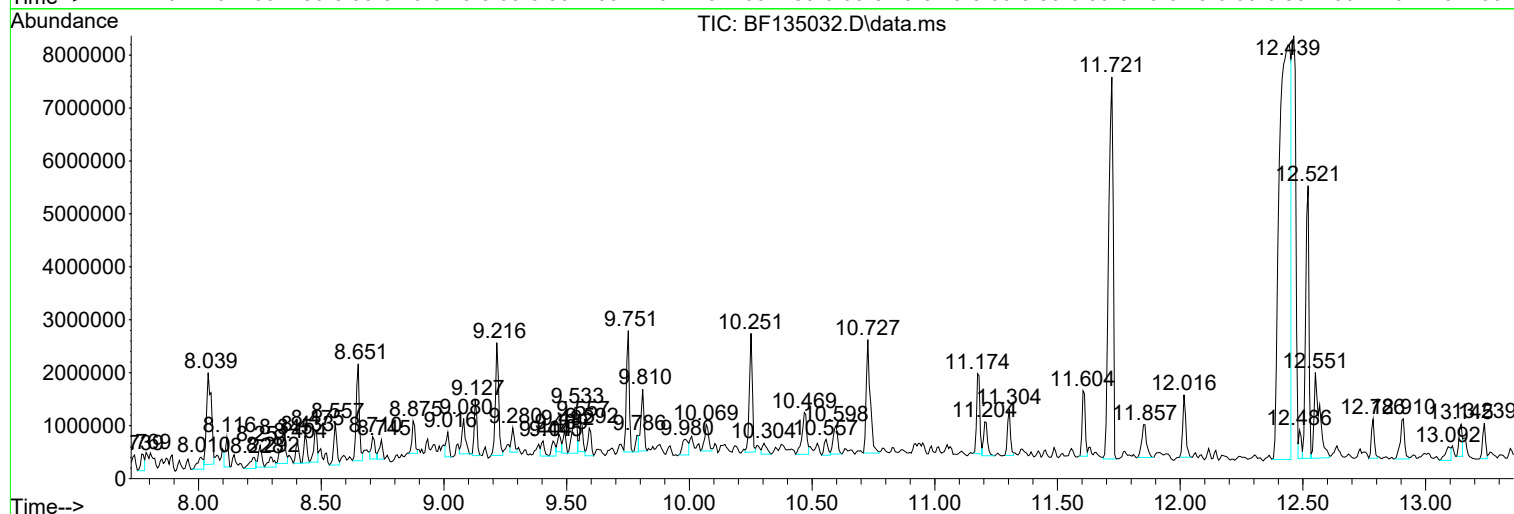
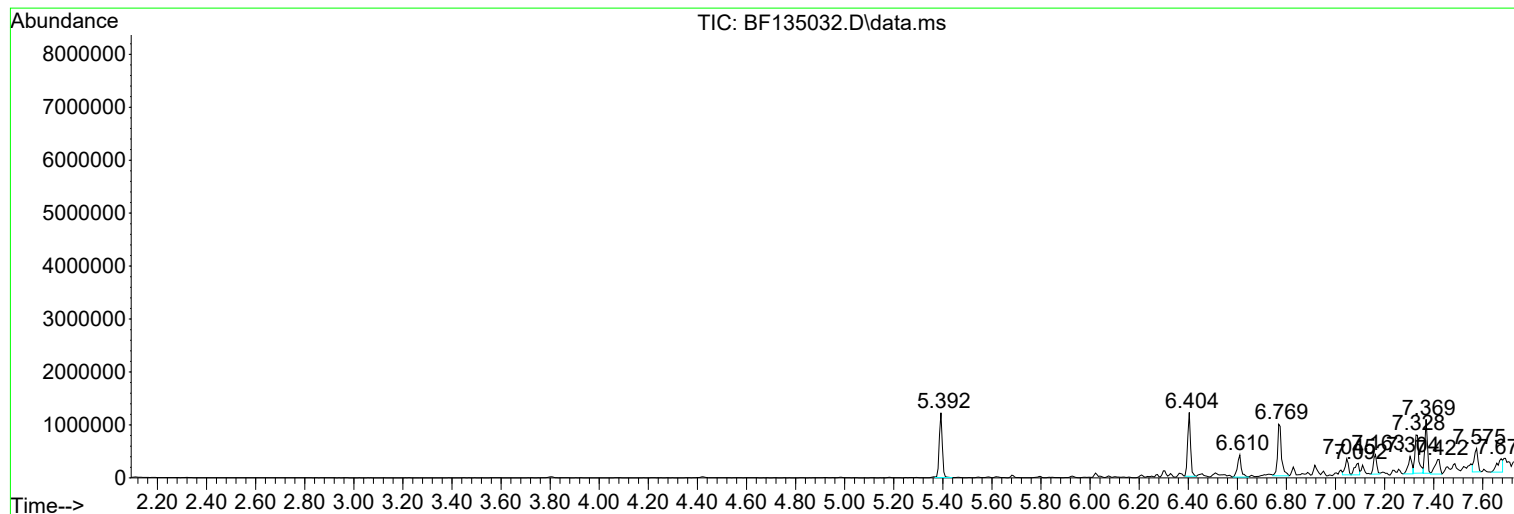
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_F
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HR-04-082523

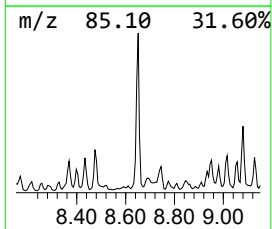
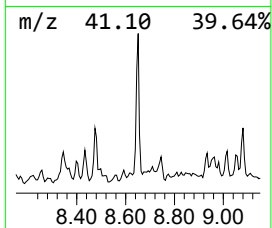
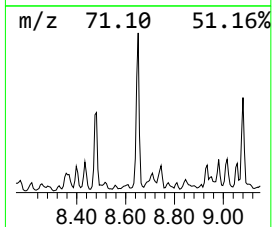
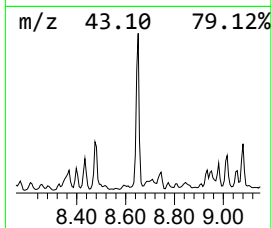
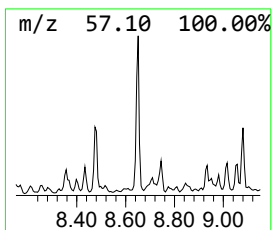
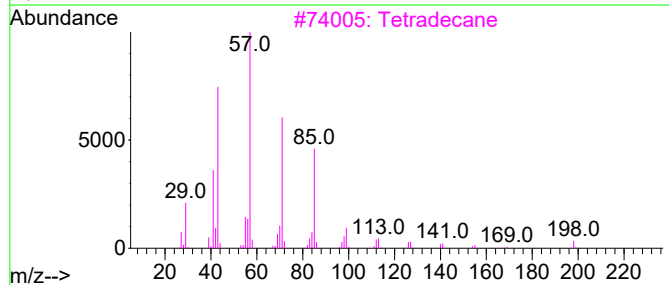
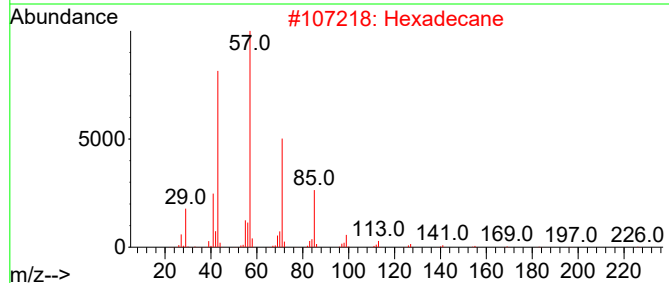
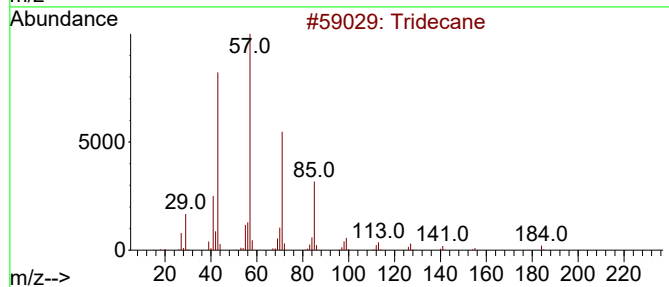
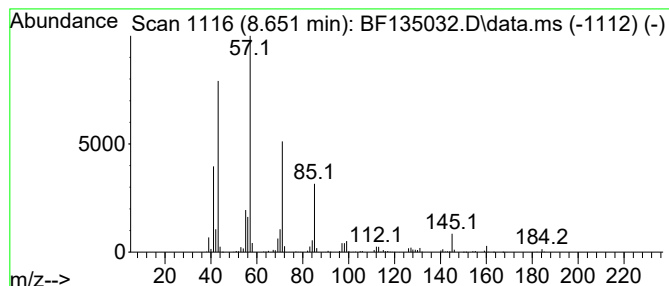
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	14.15 ng	1656390	Naphthalene-d8	8.051

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	96
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



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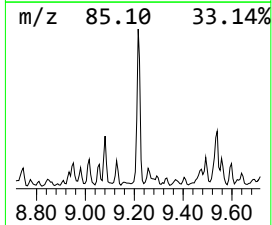
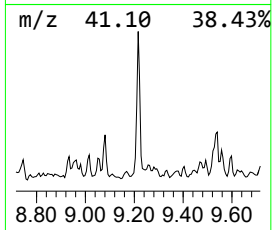
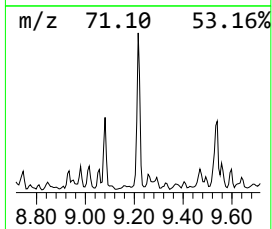
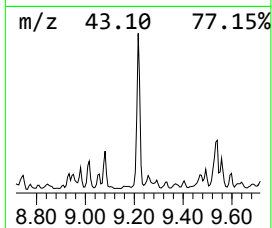
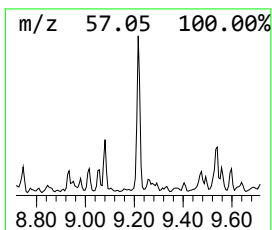
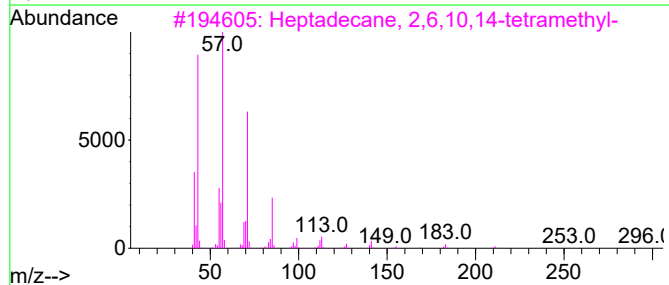
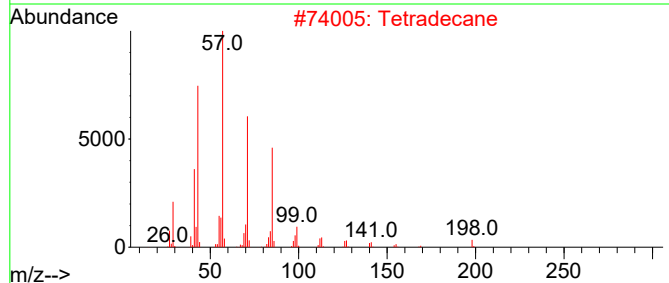
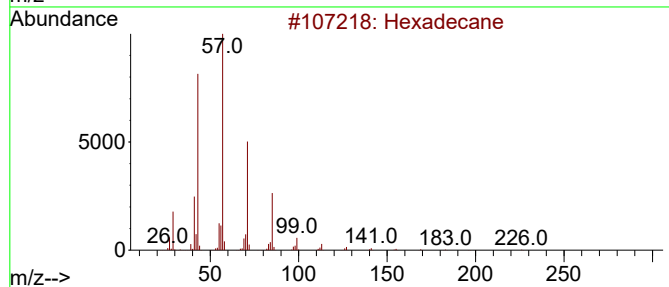
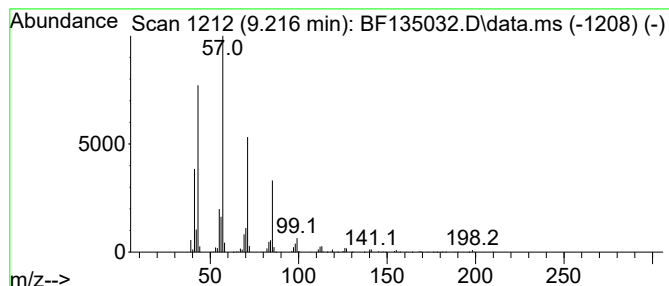
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	39.10 ng	1951090	Acenaphthene-d10	9.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
4		Undecane	156	C11H24	001120-21-4	86
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	80



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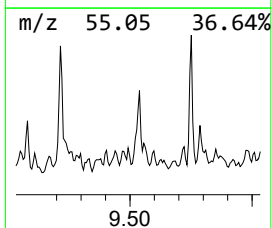
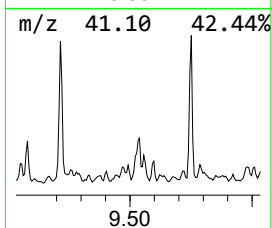
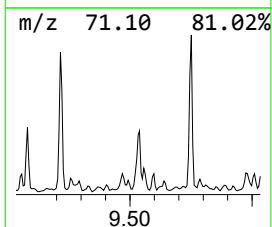
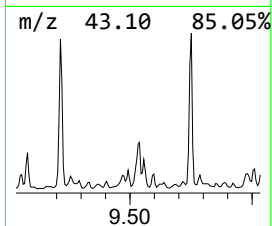
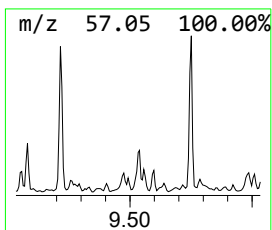
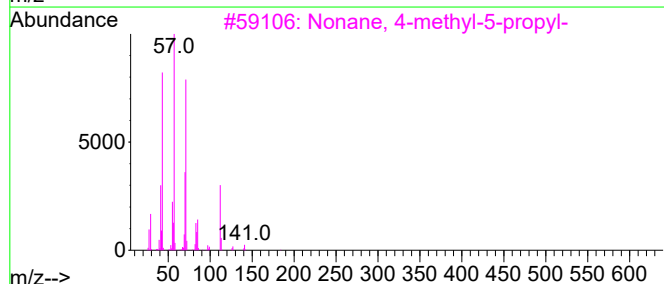
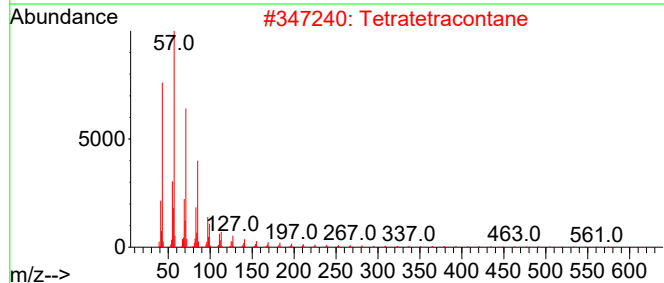
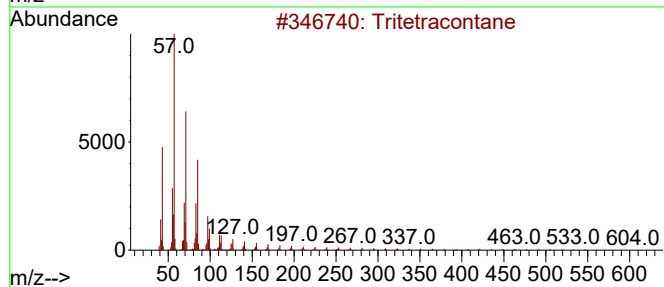
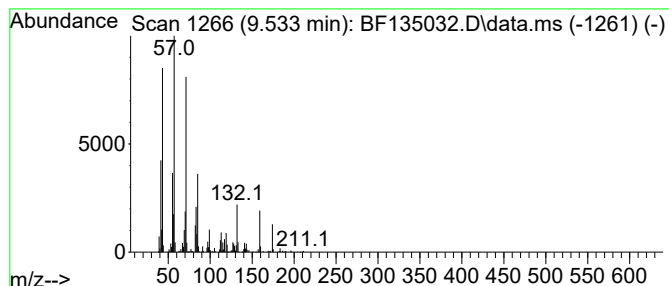
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tritetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	21.80 ng	1087630	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	64
2			Tetratetracontane	619	C44H90	007098-22-8	64
3			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	60
4			Nonadecane	268	C19H40	000629-92-5	58
5			Heptacosane	380	C27H56	000593-49-7	52



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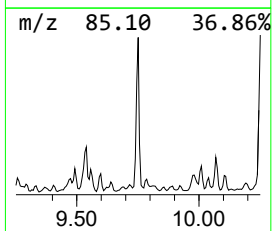
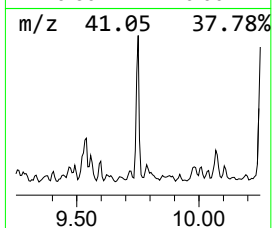
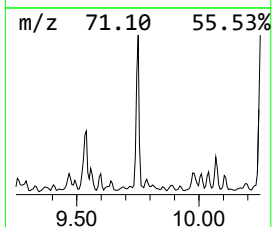
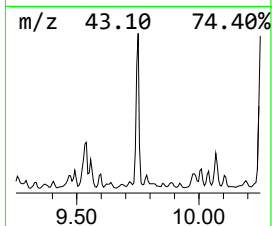
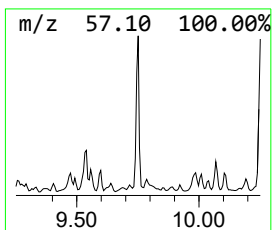
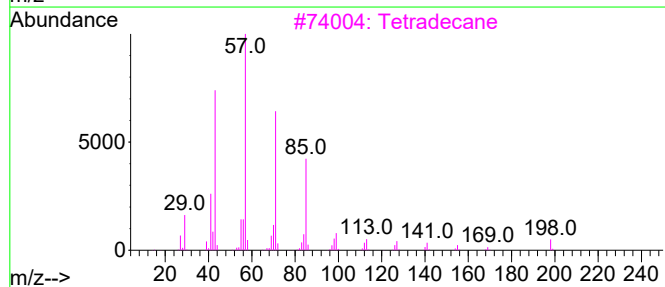
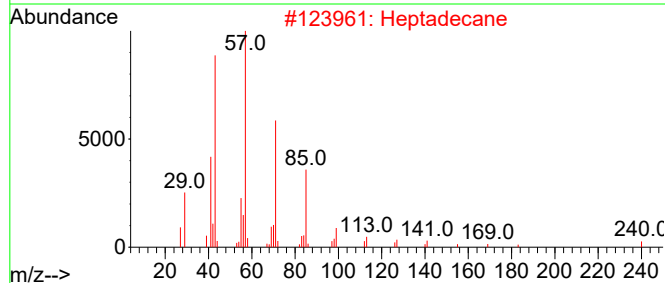
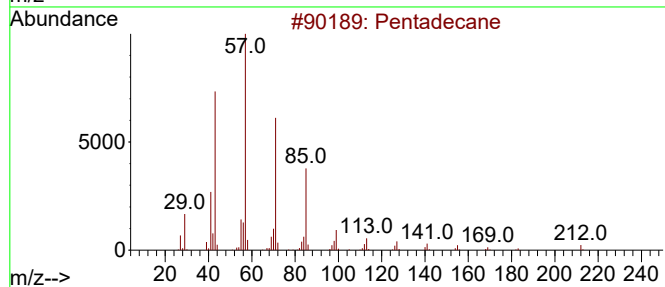
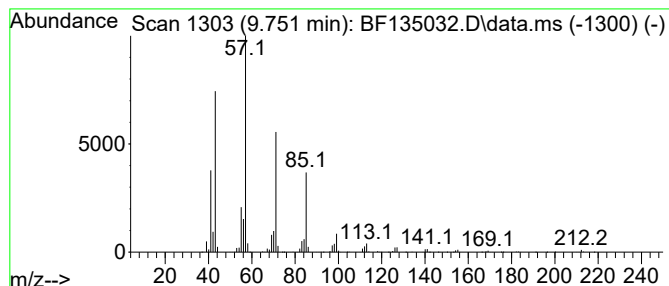
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	36.67 ng	1829960	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Heptadecane	240	C17H36	000629-78-7	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-082523

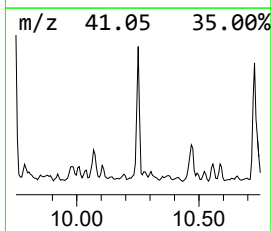
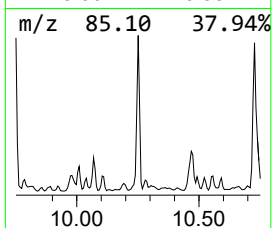
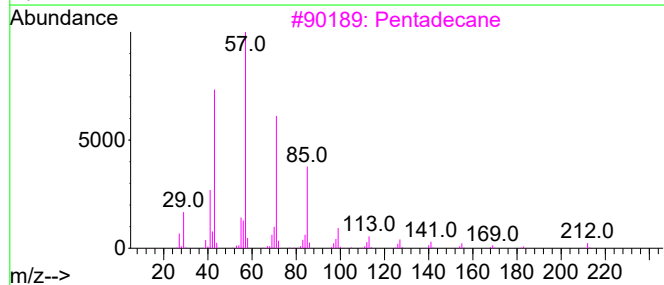
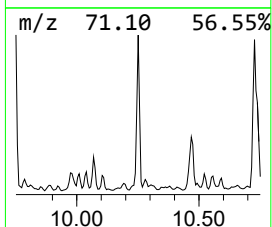
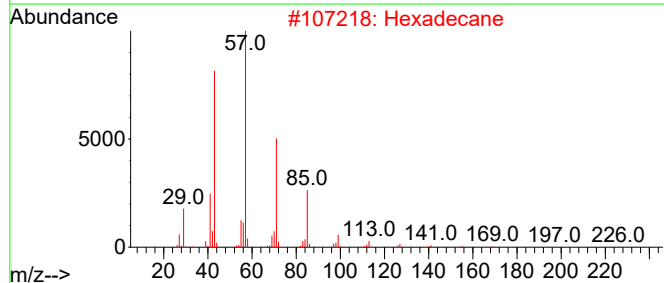
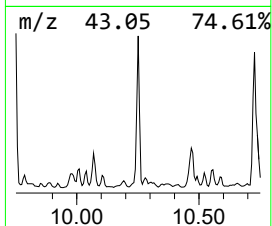
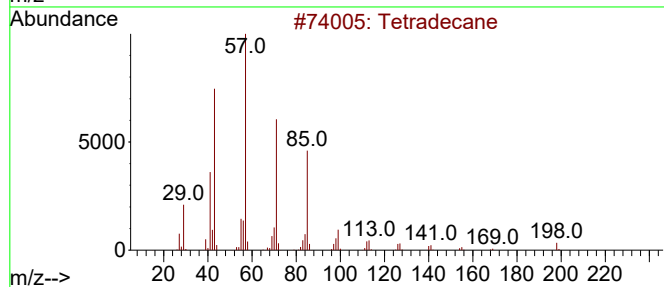
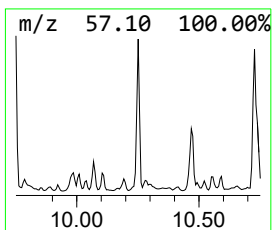
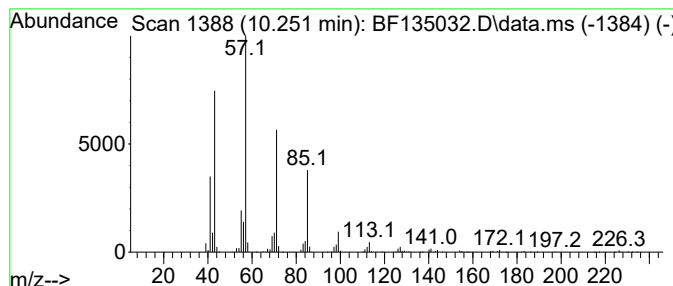
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	37.05 ng	1848810	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-082523

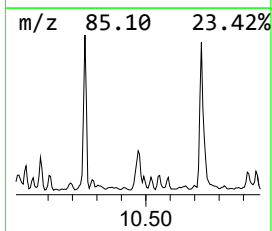
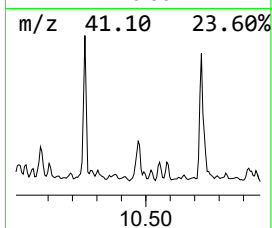
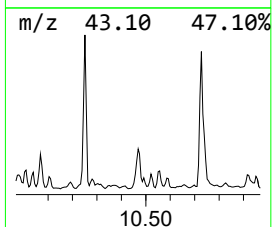
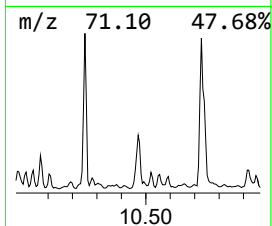
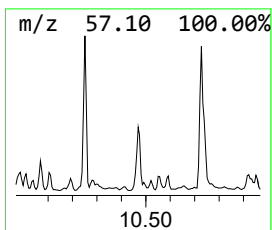
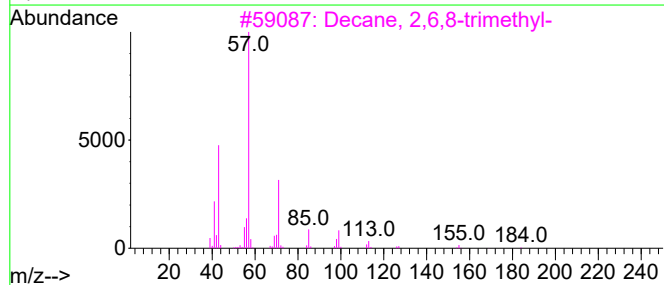
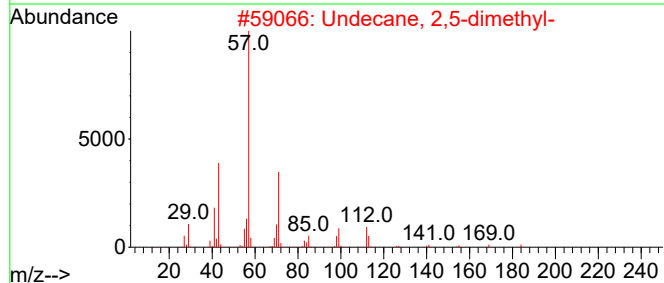
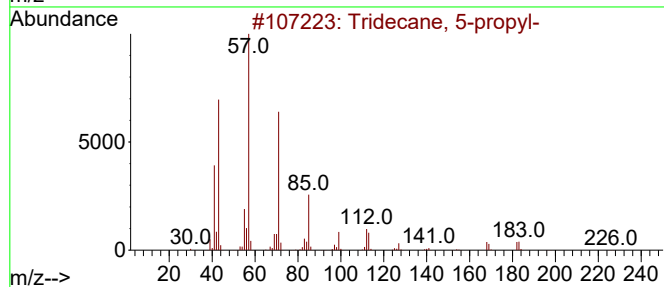
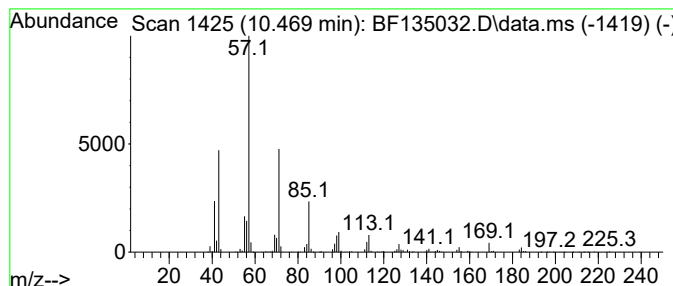
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 5-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	21.57 ng	1076180	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
4			Tetracosane	338	C24H50	000646-31-1	64
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

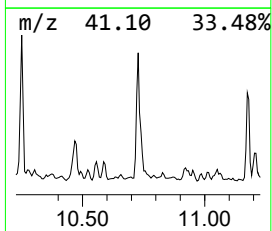
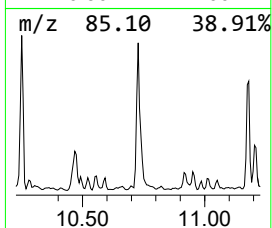
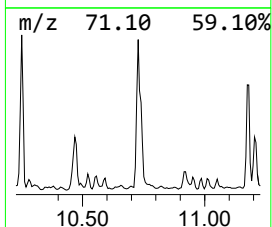
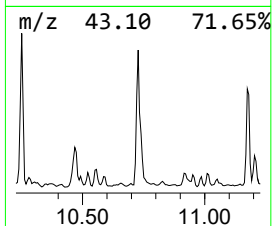
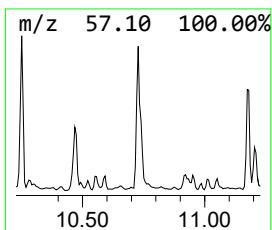
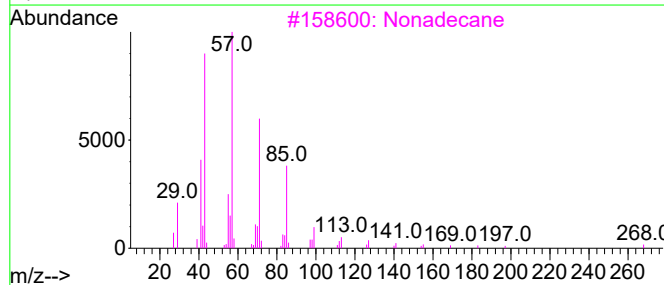
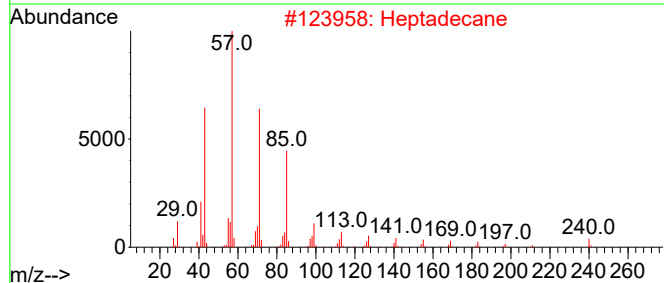
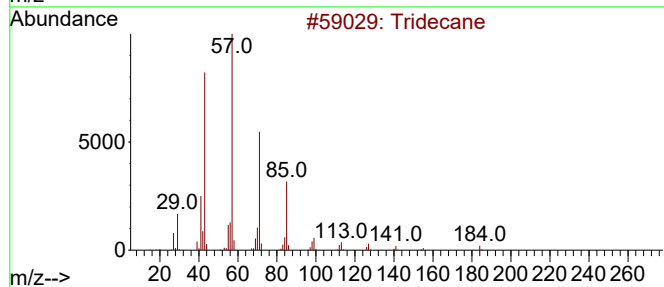
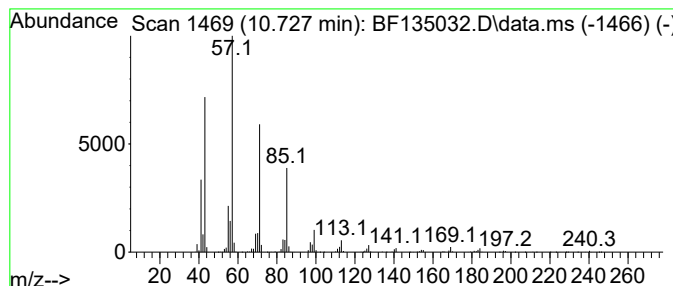
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ClientSampleId :
HR-04-082523

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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 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.727	65.52 ng	2428190	Phenanthrene-d10		11.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	96
2	Heptadecane		240	C17H36	000629-78-7	94
3	Nonadecane		268	C19H40	000629-92-5	91
4	Hexadecane		226	C16H34	000544-76-3	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-082523

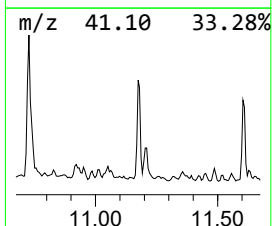
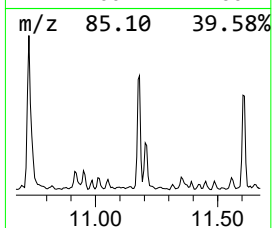
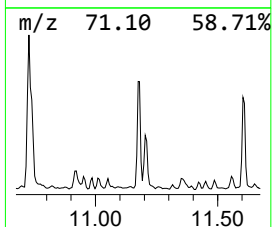
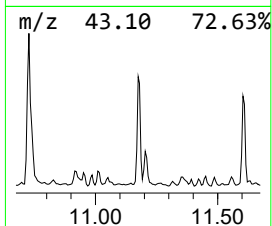
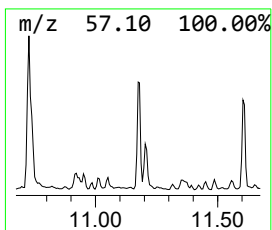
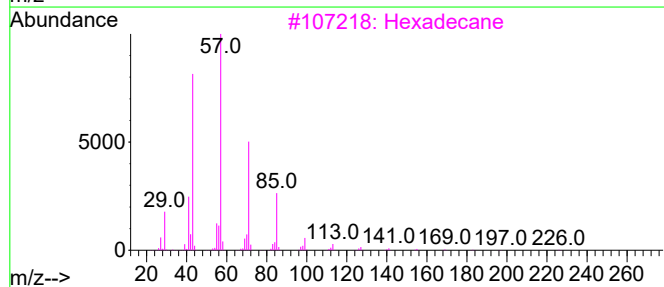
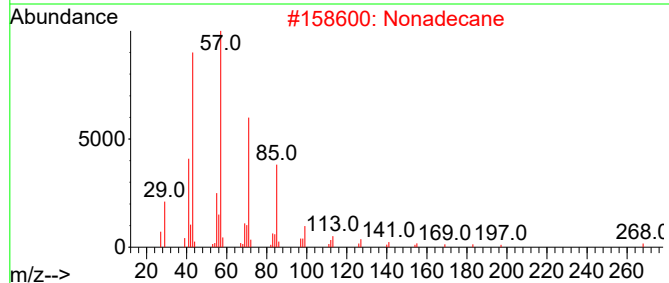
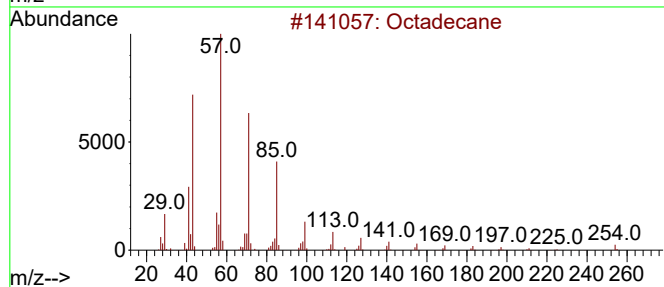
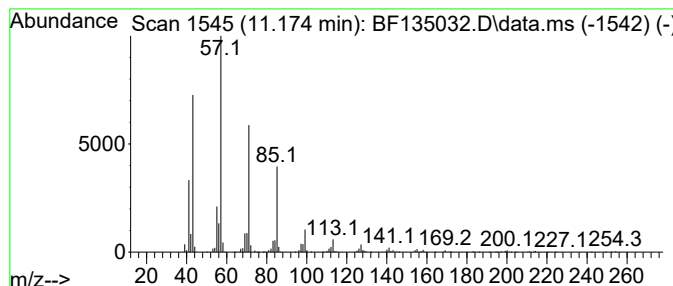
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.174	37.78 ng	1400170	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-082523

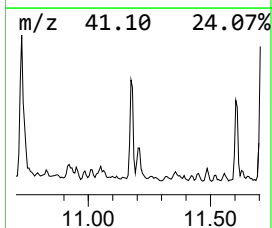
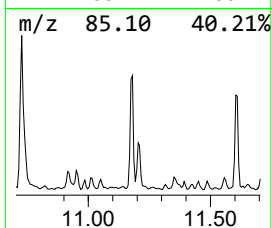
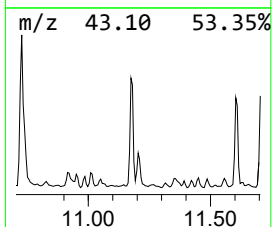
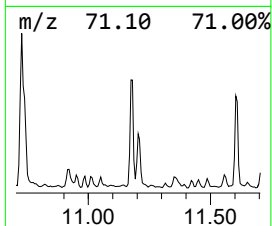
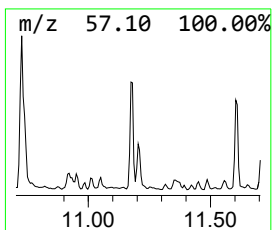
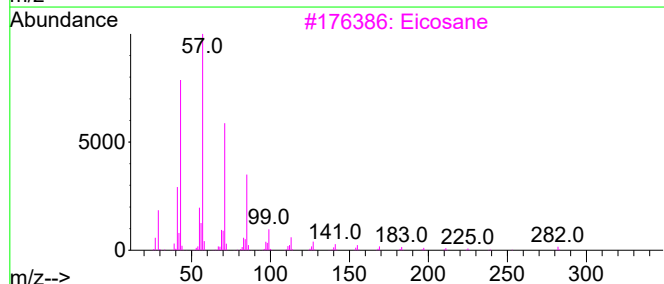
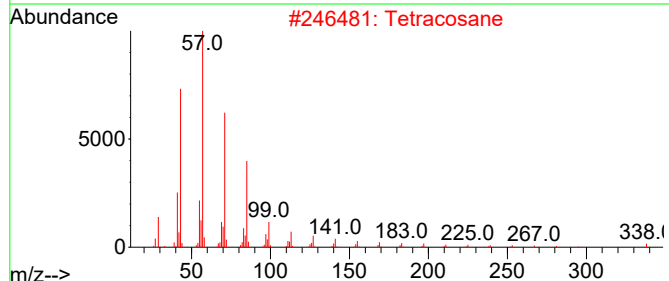
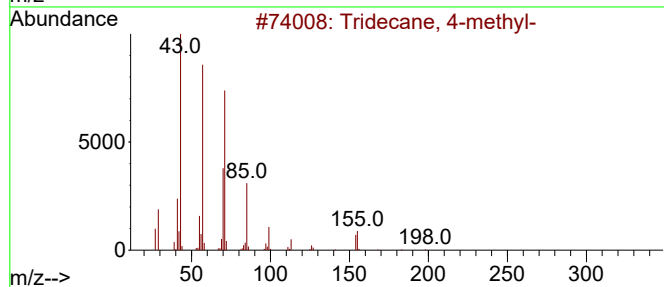
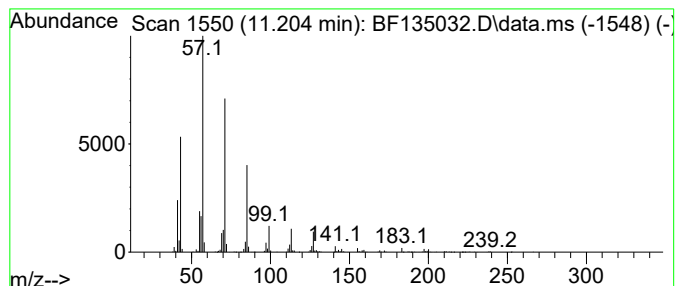
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	18.70 ng	692959	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2			Tetracosane	338	C24H50	000646-31-1	86
3			Eicosane	282	C20H42	000112-95-8	86
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
5			3,5-Dimethyldodecane	198	C14H30	107770-99-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-04-082523

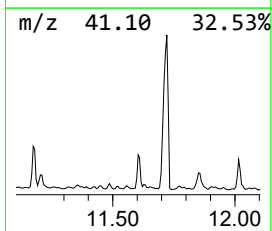
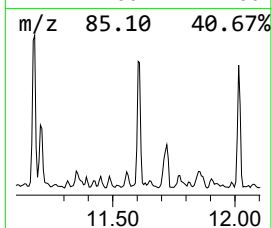
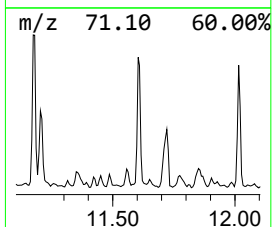
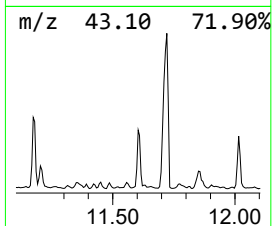
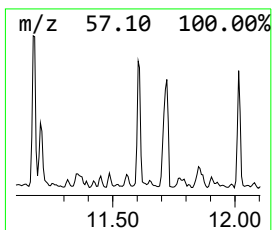
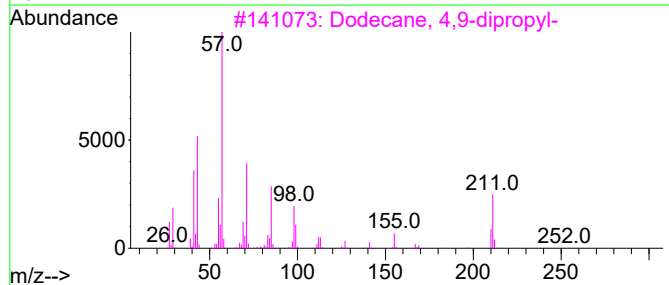
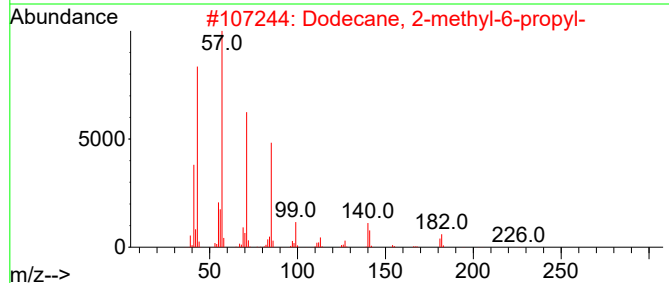
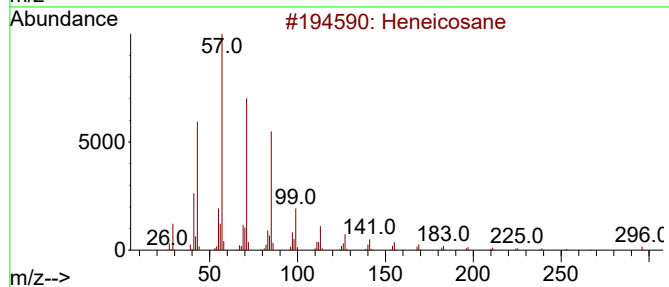
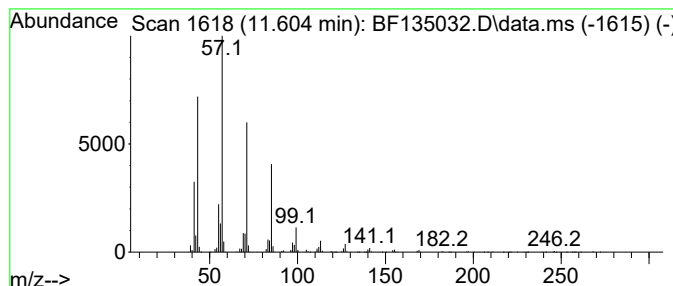
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.604	30.27 ng	1121750	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	90
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-082523

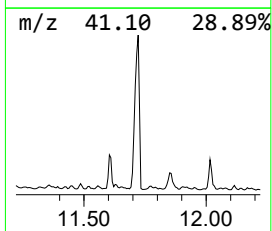
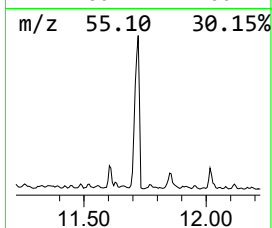
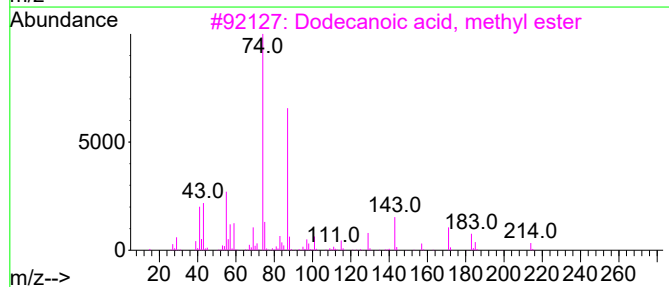
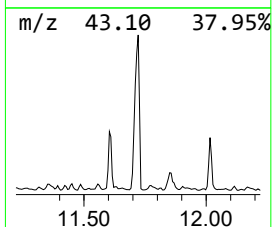
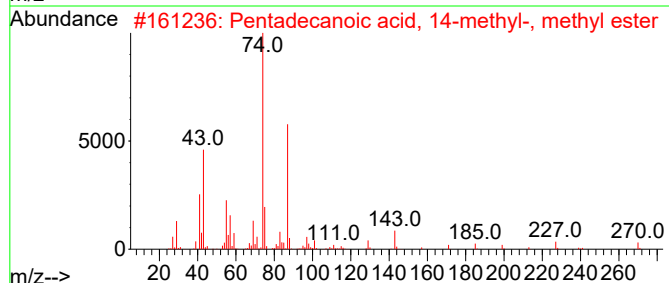
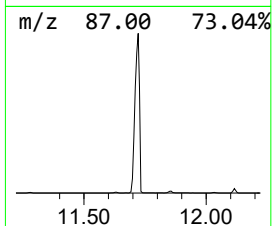
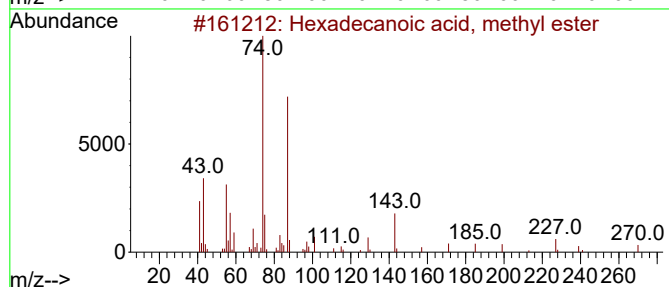
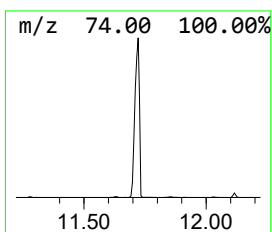
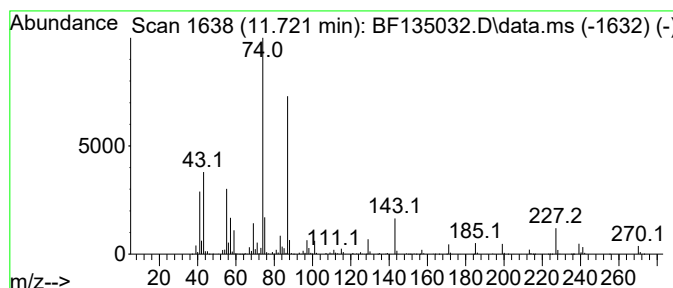
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.721	250.02 ng	9266300	Phenanthrene-d10	11.304

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		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	94
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

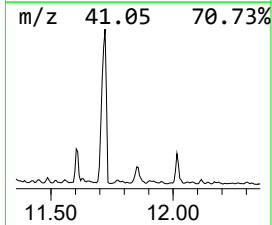
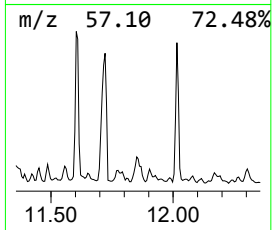
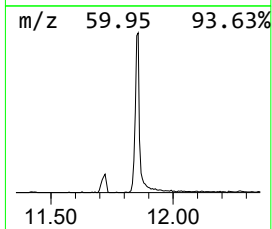
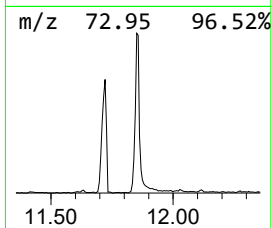
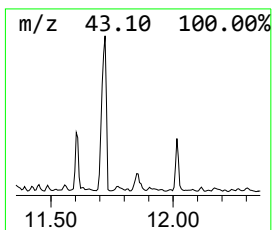
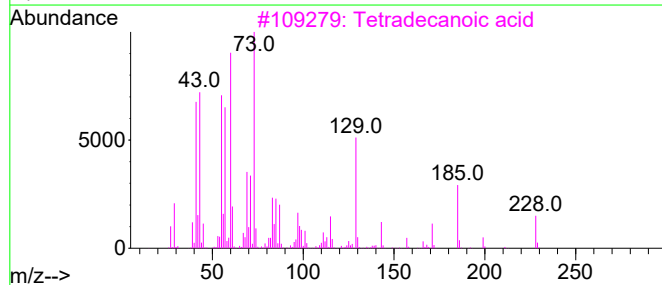
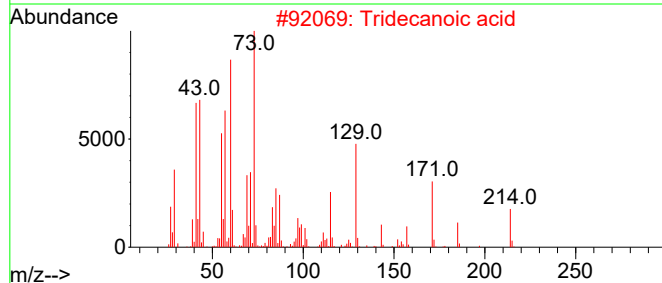
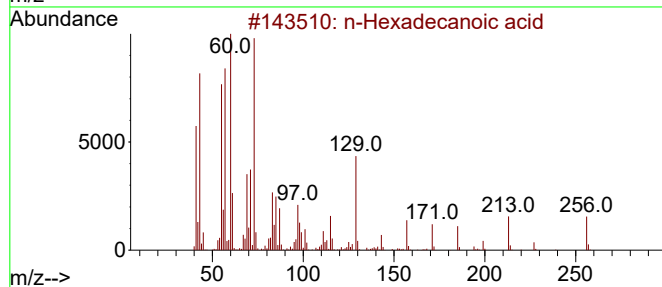
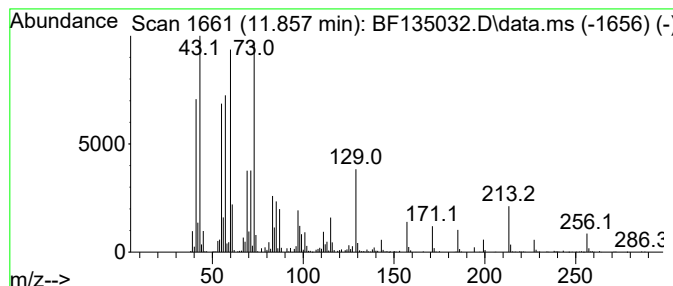
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	23.07 ng	855073	Phenanthrene-d10	11.304
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 99
2		Tridecanoic acid	214 C13H26O2	000638-53-9 95
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 93
4		Pentadecanoic acid	242 C15H30O2	001002-84-2 93
5		Octadecanoic acid	284 C18H36O2	000057-11-4 70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
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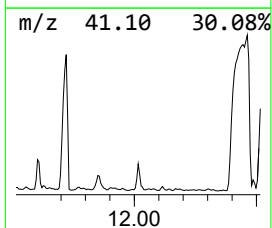
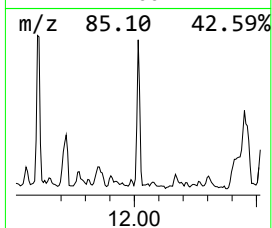
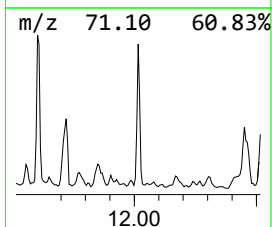
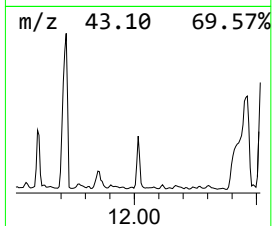
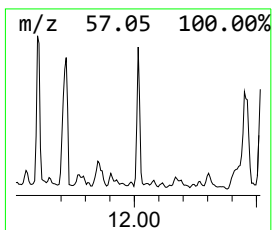
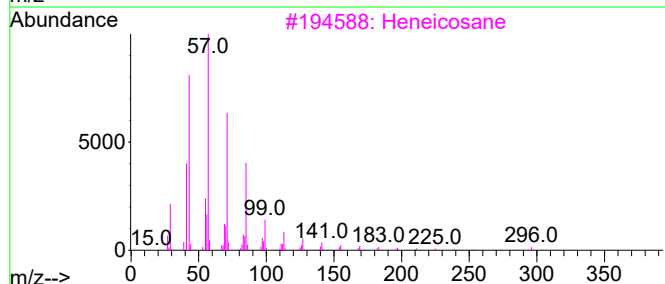
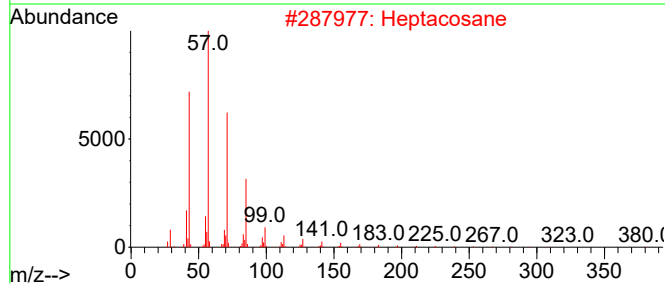
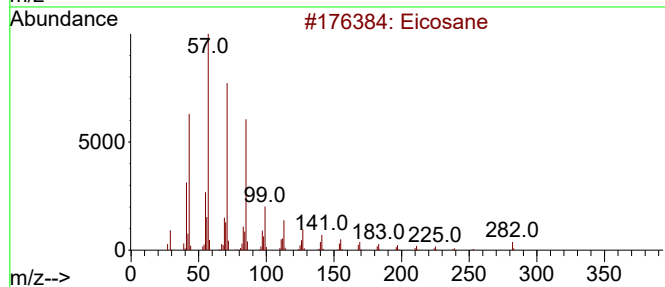
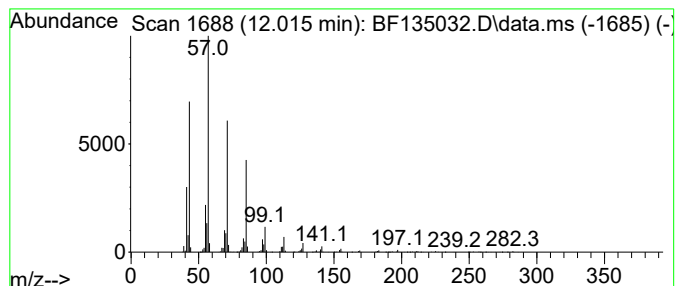
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.015	28.16 ng	1043500	Phenanthrene-d10		11.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Heptacosane		380	C27H56	000593-49-7	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	90
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-082523

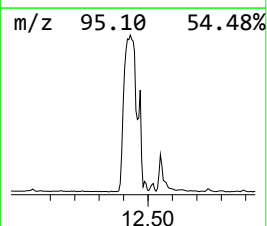
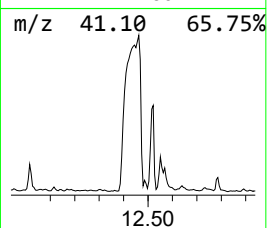
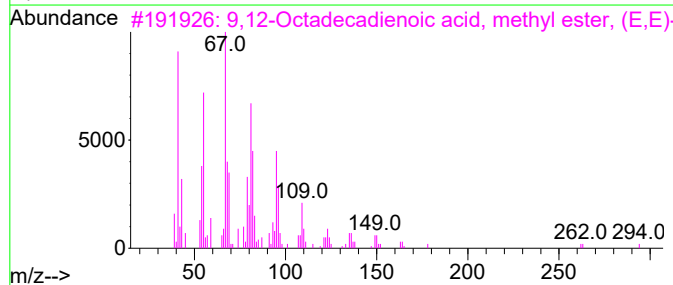
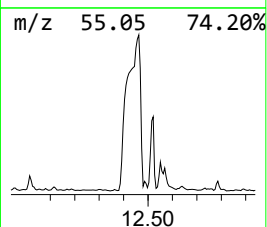
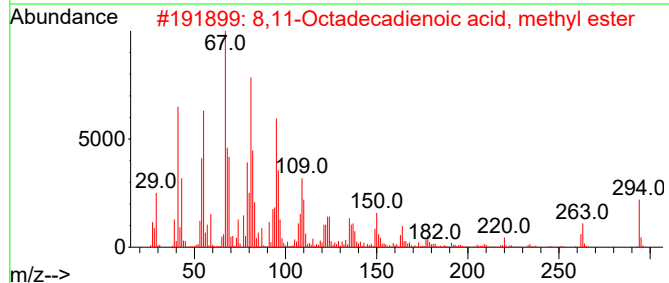
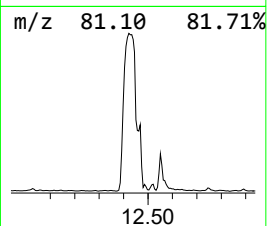
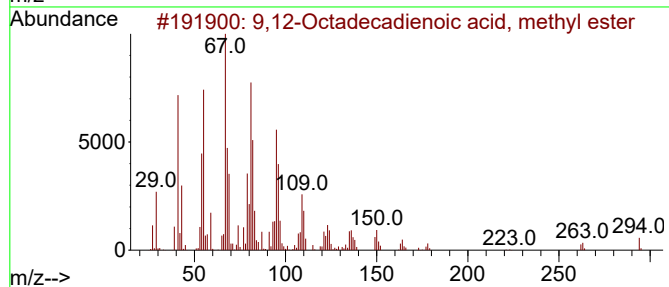
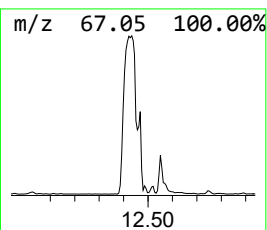
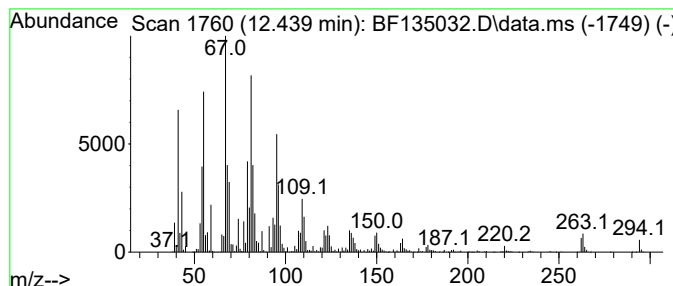
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	682.08 ng	25279300	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99		
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99		
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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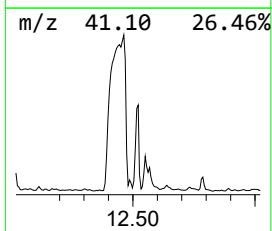
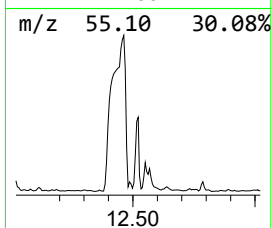
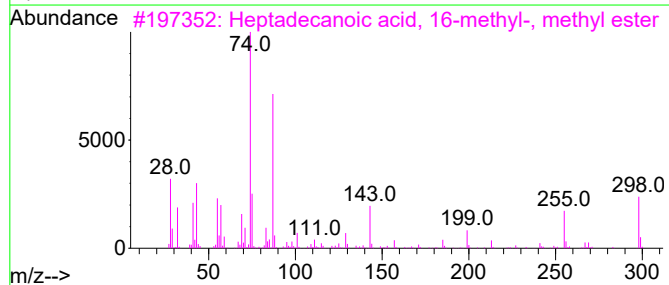
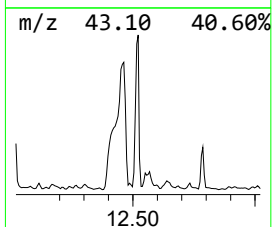
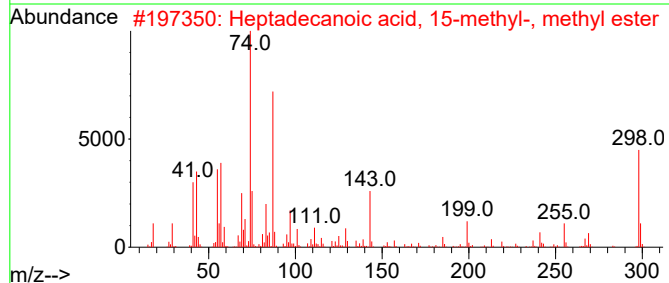
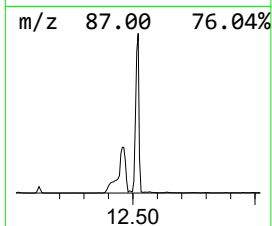
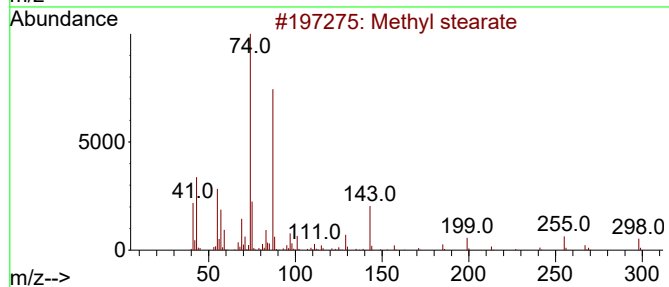
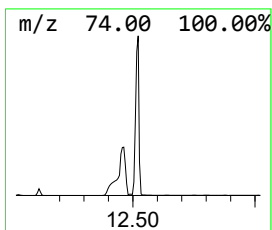
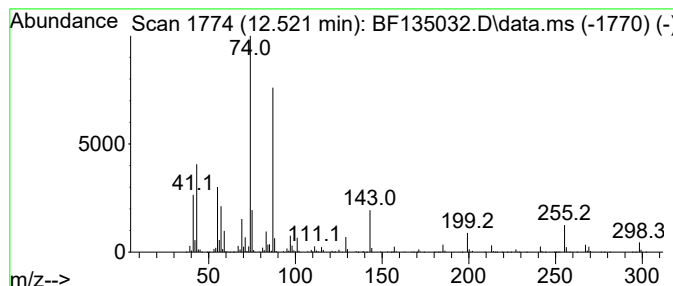
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	130.54 ng	4838010	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	94
3			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

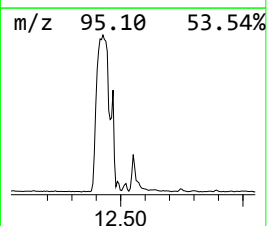
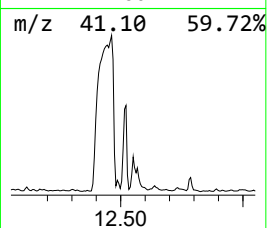
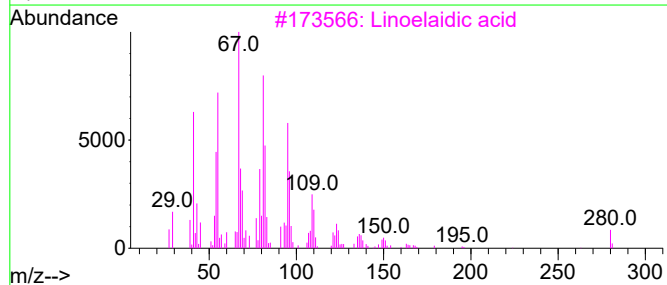
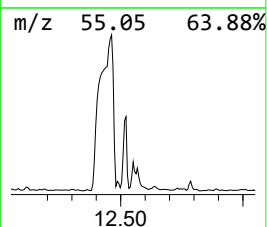
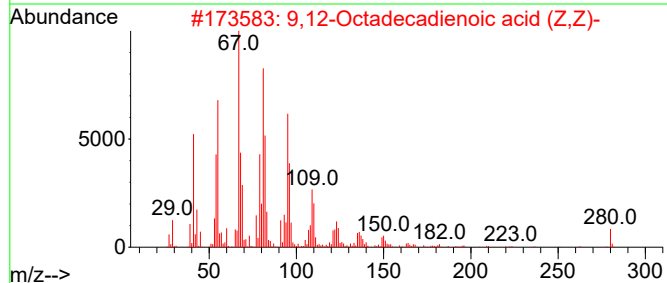
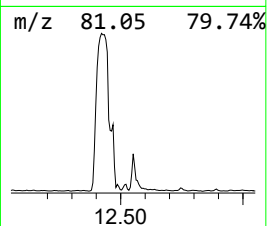
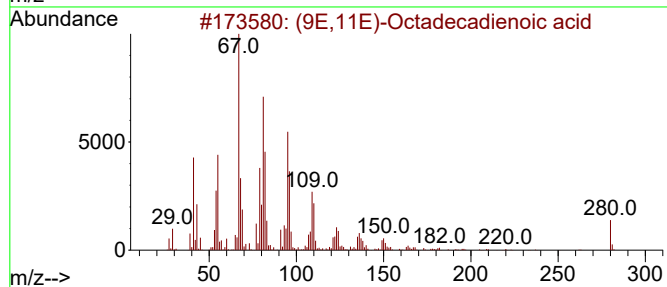
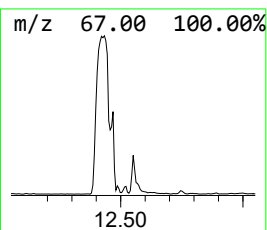
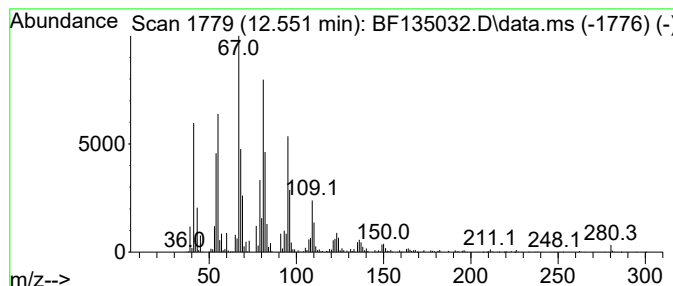
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 (9E,11E)-Octadecadienoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.551	68.22 ng	2528330	Phenanthrene-d10	11.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	97
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	96
3	Linoelaidic acid	280	C18H32O2	000506-21-8	95
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	93
5	5-Dodecyne	166	C12H22	019780-12-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
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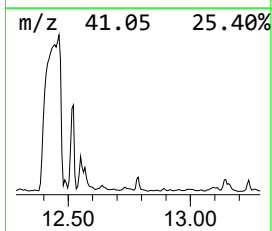
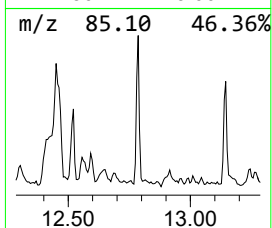
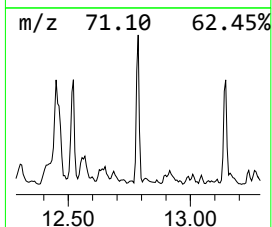
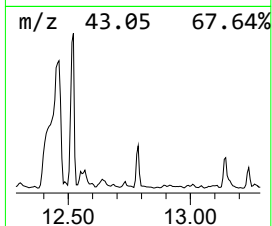
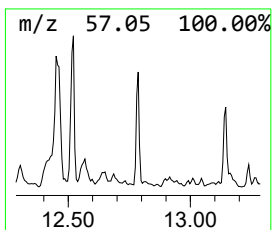
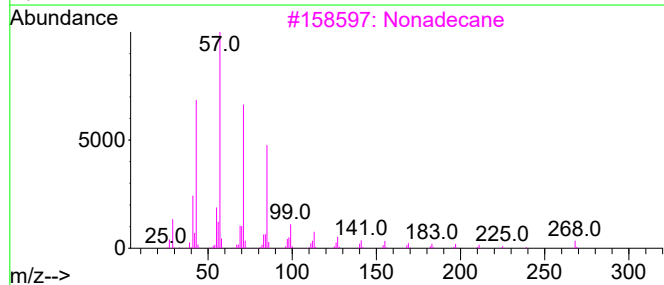
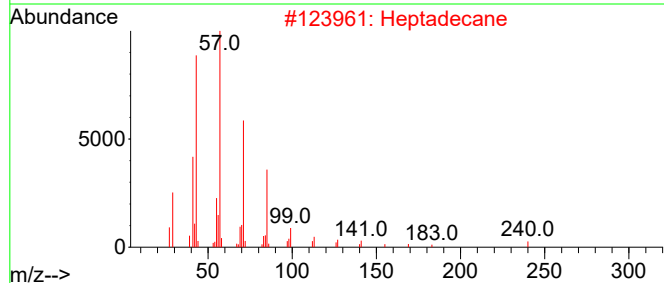
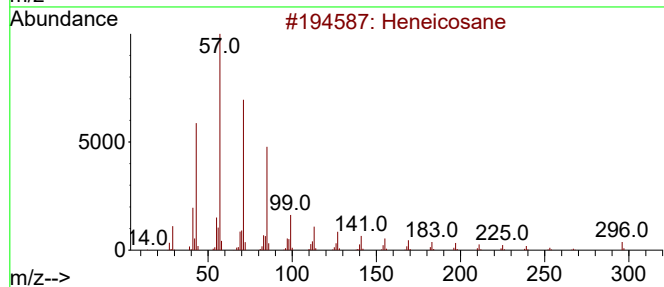
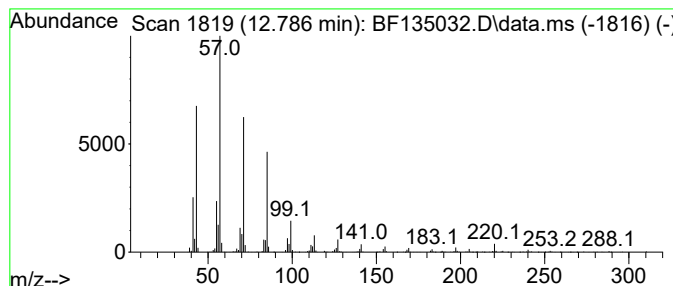
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane

Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.786	16.11 ng	625098	Chrysene-d12		13.962	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Heptadecane		240	C17H36	000629-78-7	96
3	Nonadecane		268	C19H40	000629-92-5	91
4	Pentadecane		212	C15H32	000629-62-9	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
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Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

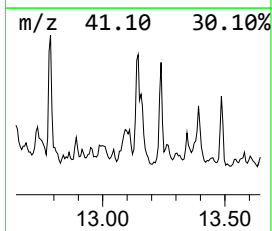
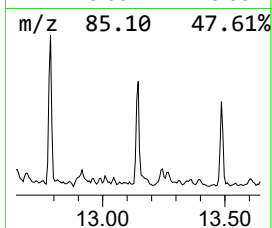
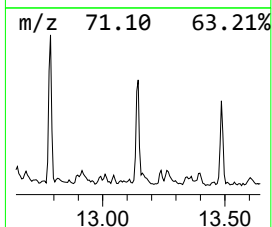
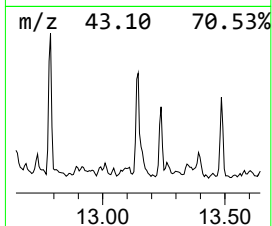
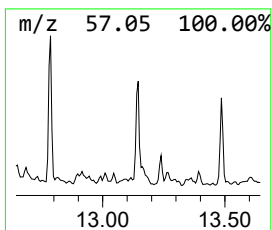
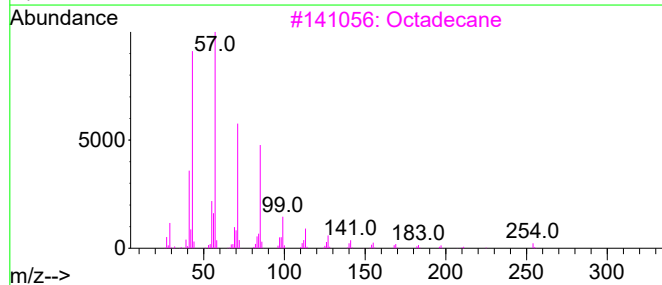
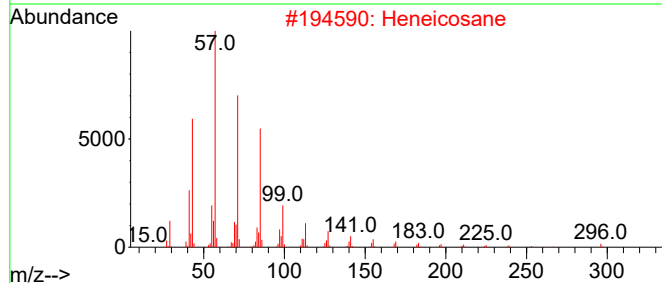
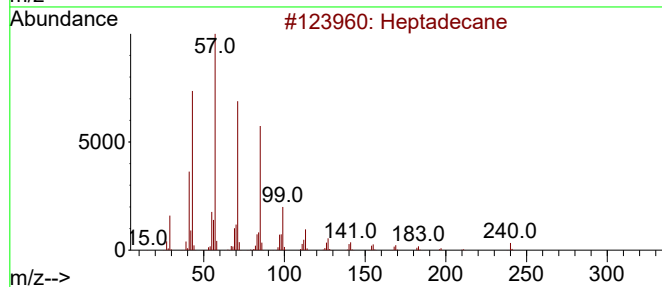
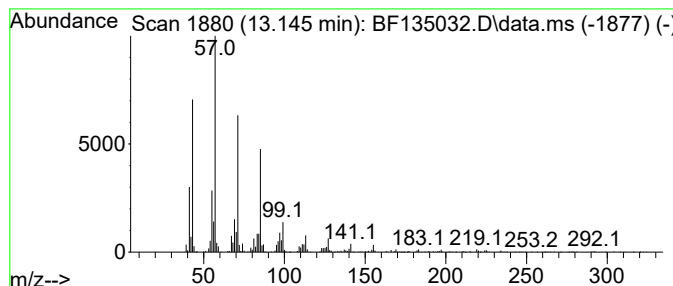
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ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.145	14.89 ng	577878	Chrysene-d12		13.962	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Eicosane		282	C20H42	000112-95-8	91
5	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

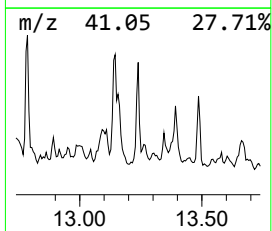
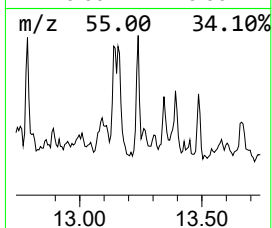
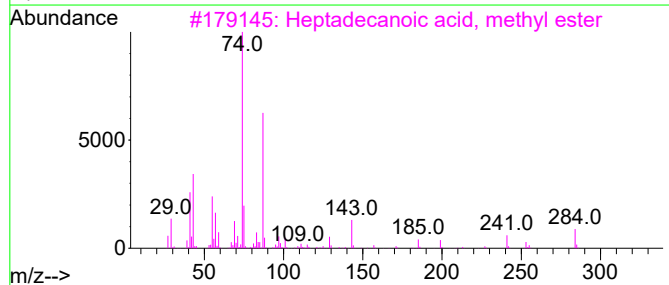
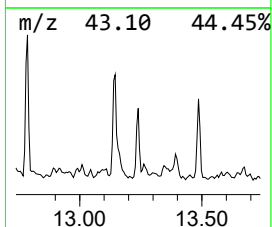
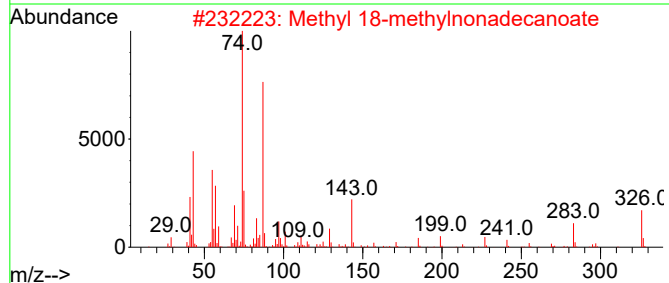
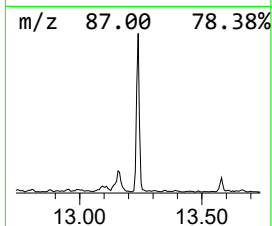
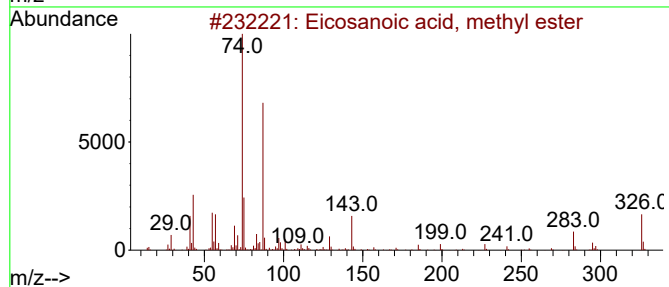
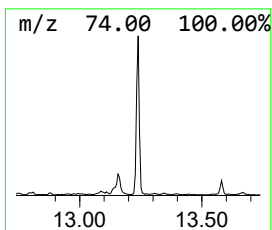
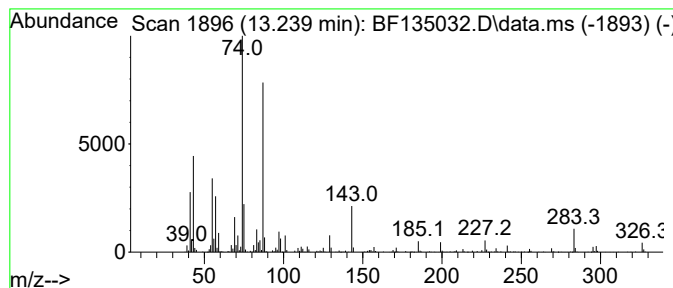
Instrument :
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ClientSampleId :
HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.239	14.27 ng	553544	Chrysene-d12		13.962	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2		Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	94
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
5		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135032.D
Acq On : 31 Aug 2023 06:04
Operator : CG\JU
Sample : 04183-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-082523

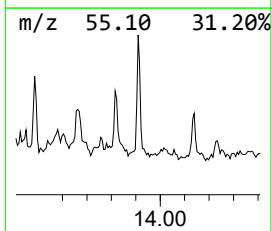
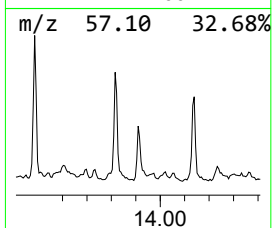
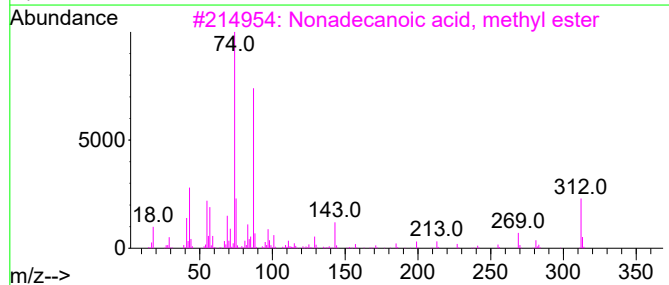
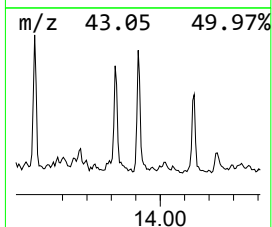
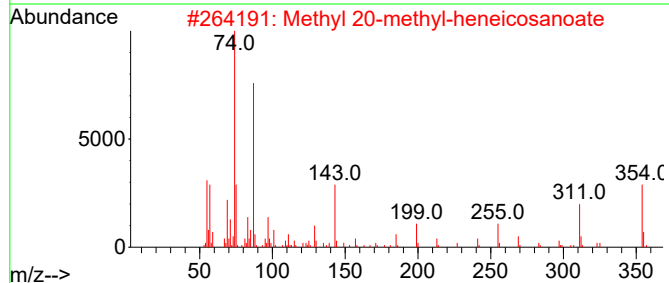
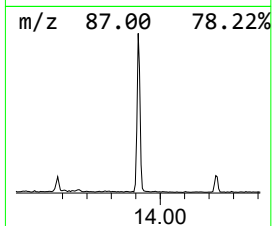
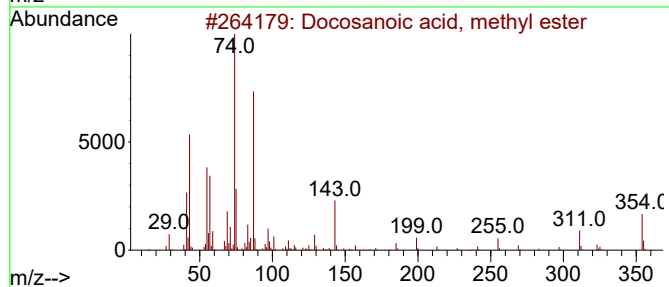
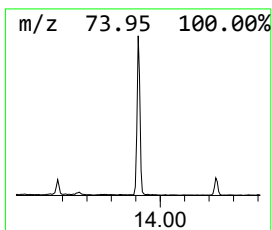
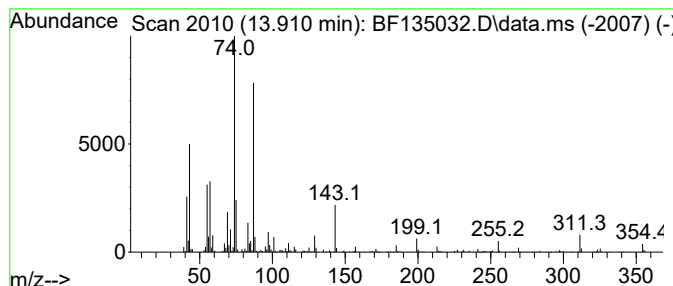
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	14.66 ng	568774	Chrysene-d12	13.962

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2			Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	99
3			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
4			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
5			Silane, methylvinyl(cis-2-methyl...	326	C19H38O2Si	1000421-05-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135032.D
 Acq On : 31 Aug 2023 06:04
 Operator : CG\JU
 Sample : 04183-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-082523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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	8.651	14.2	ng	1656390	2	8.051	2340420	20.0
Hexadecane	9.216	39.1	ng	1951090	3	9.810	998005	20.0
Tritetracontane	9.533	21.8	ng	1087630	3	9.810	998005	20.0
Pentadecane	9.751	36.7	ng	1829960	3	9.810	998005	20.0
Tetradecane	10.251	37.0	ng	1848810	3	9.810	998005	20.0
Tridecane, 5-pr...	10.469	21.6	ng	1076180	3	9.810	998005	20.0
Nonadecane	10.727	65.5	ng	2428190	4	11.304	741239	20.0
Octadecane	11.174	37.8	ng	1400170	4	11.304	741239	20.0
Tridecane, 4-me...	11.204	18.7	ng	692959	4	11.304	741239	20.0
Heneicosane	11.604	30.3	ng	1121750	4	11.304	741239	20.0
Hexadecanoic ac...	11.721	250.0	ng	9266300	4	11.304	741239	20.0
n-Hexadecanoic ...	11.857	23.1	ng	855073	4	11.304	741239	20.0
Eicosane	12.015	28.2	ng	1043500	4	11.304	741239	20.0
9,12-Octadecadi...	12.439	682.1	ng	25279300	4	11.304	741239	20.0
Methyl stearate	12.521	130.5	ng	4838010	4	11.304	741239	20.0
(9E,11E)-Octade...	12.551	68.2	ng	2528330	4	11.304	741239	20.0
Tetracosane	12.786	16.1	ng	625098	5	13.962	776010	20.0
Heptadecane	13.145	14.9	ng	577878	5	13.962	776010	20.0
Eicosanoic acid...	13.239	14.3	ng	553544	5	13.962	776010	20.0
Docosanoic acid...	13.910	14.7	ng	568774	5	13.962	776010	20.0