

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134332.D
 Acq On : 18 Jul 2023 00:17
 Operator : CG\JU
 Sample : 03613-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-4-071323

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134332.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	571	575	588	rVB	564473	542269	1.85%	0.822%
2	6.475	743	746	753	rBV	605804	573447	1.96%	0.870%
3	6.840	802	808	811	rBV	493145	435556	1.49%	0.660%
4	7.398	900	903	906	rVV	438125	397762	1.36%	0.603%
5	8.092	1019	1021	1023	rVV	682018	649817	2.22%	0.985%
6	8.116	1023	1025	1028	rVV	621518	617129	2.10%	0.936%
7	8.169	1031	1034	1037	rVB2	330652	405053	1.38%	0.614%
8	8.404	1070	1074	1078	rVV5	340263	464852	1.58%	0.705%
9	8.534	1092	1096	1098	rVV2	366461	328490	1.12%	0.498%
10	8.622	1107	1111	1113	rBV	496354	416586	1.42%	0.632%
11	8.704	1122	1125	1129	rBV	954464	801155	2.73%	1.215%
12	8.939	1162	1165	1167	rBV2	524185	385988	1.32%	0.585%
13	9.069	1183	1187	1192	rBV4	254001	393898	1.34%	0.597%
14	9.134	1196	1198	1200	rBV2	426525	340466	1.16%	0.516%
15	9.192	1205	1208	1212	rVB	770817	596777	2.03%	0.905%
16	9.275	1217	1222	1225	rBV	1317188	1174979	4.01%	1.782%
17	9.592	1272	1276	1278	rVV3	602974	709203	2.42%	1.075%
18	9.616	1278	1280	1283	rVV2	316670	347687	1.19%	0.527%
19	9.804	1309	1312	1315	rVV	1493771	1191372	4.06%	1.807%
20	9.875	1322	1324	1328	rVB	499512	428141	1.46%	0.649%
21	10.128	1363	1367	1370	rVV3	374620	466824	1.59%	0.708%
22	10.192	1375	1378	1385	rBV6	164344	373149	1.27%	0.566%
23	10.310	1394	1398	1400	rVV	1437190	1293585	4.41%	1.962%
24	10.528	1430	1435	1438	rBV	488755	625346	2.13%	0.948%
25	10.669	1457	1459	1462	rBV	357713	294959	1.01%	0.447%
26	10.780	1475	1478	1487	rVB	1339181	1696497	5.78%	2.573%
27	11.233	1551	1555	1557	rBV	1265091	1020863	3.48%	1.548%
28	11.263	1557	1560	1566	rVB	469286	546850	1.86%	0.829%
29	11.375	1575	1579	1581	rBV	526439	497102	1.69%	0.754%
30	11.663	1624	1628	1630	rBV	1084741	850161	2.90%	1.289%
31	11.780	1642	1648	1650	rBV	7356105	8202257	27.97%	12.438%
32	11.916	1666	1671	1676	rBV2	605632	752611	2.57%	1.141%
33	12.069	1694	1697	1703	rBV2	910299	969423	3.31%	1.470%
34	12.498	1759	1770	1772	rBV2	9701529	29329675	100.00%	44.475%
35	12.574	1780	1783	1786	rVB	4350431	4021363	13.71%	6.098%
36	12.610	1786	1789	1791	rBV2	1158676	1242606	4.24%	1.884%

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

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

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

37	12.839	1825	1828	1831	rBV2	646198	540716	1.84%	0.820%
38	12.974	1848	1851	1854	rVB	623082	507085	1.73%	0.769%
39	13.157	1879	1882	1886	rVB4	219388	358791	1.22%	0.544%
40	13.198	1886	1889	1891	rBV	461279	447769	1.53%	0.679%
41	13.292	1902	1905	1908	rVB	450726	358049	1.22%	0.543%
42	13.969	2017	2020	2026	rBV	378654	350217	1.19%	0.531%

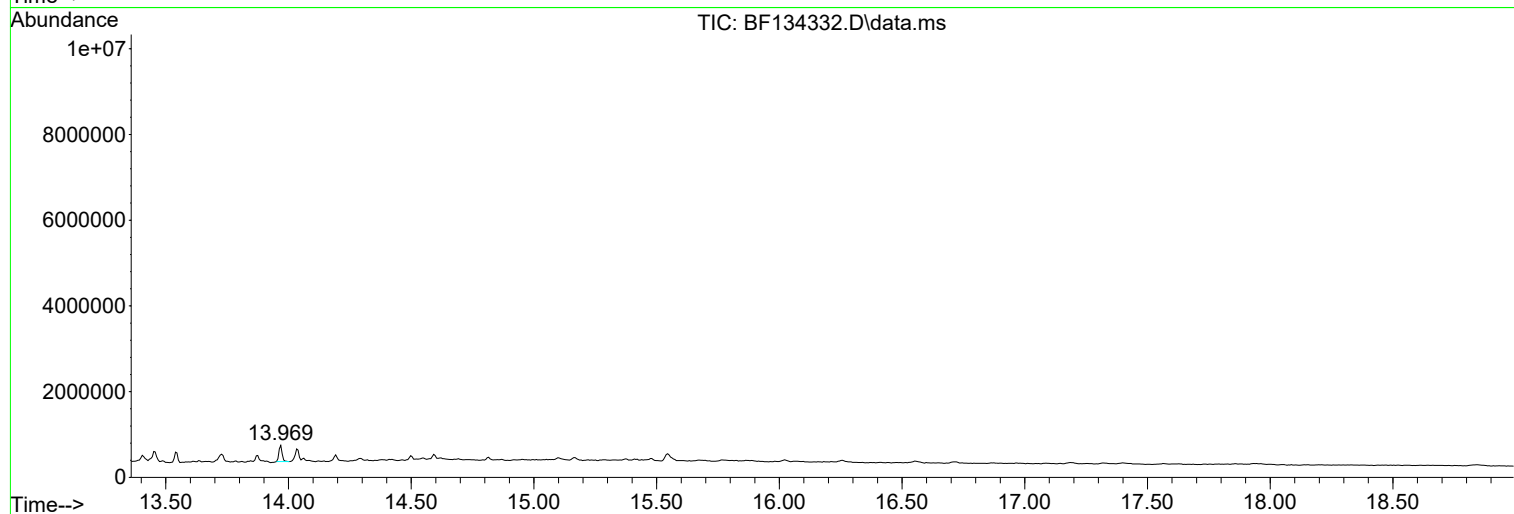
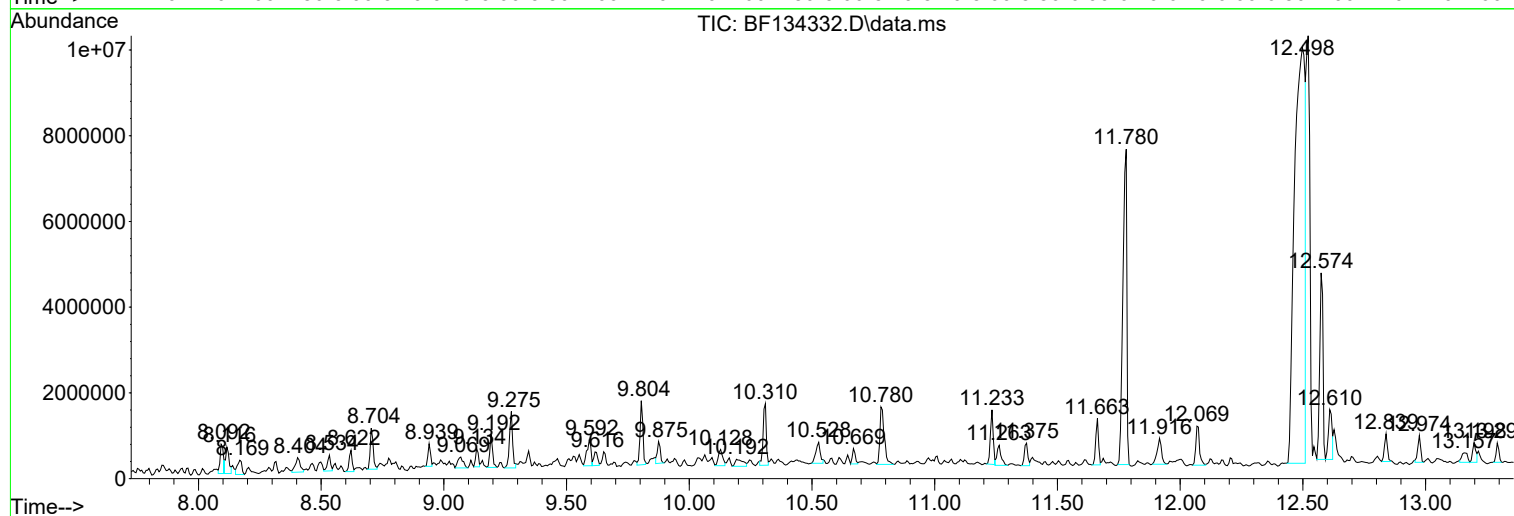
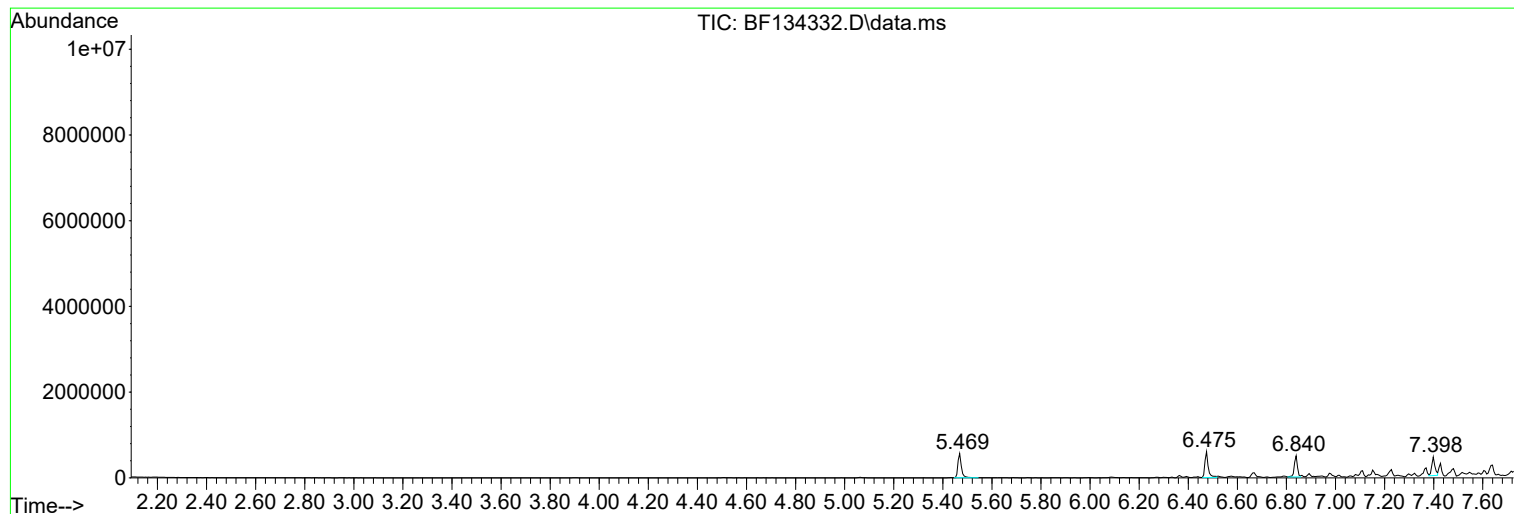
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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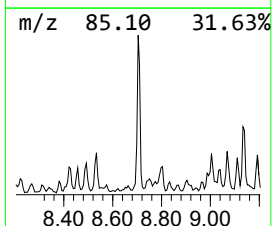
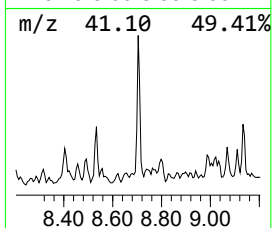
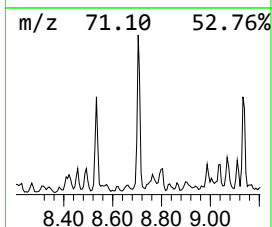
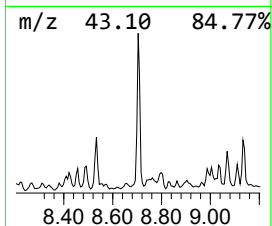
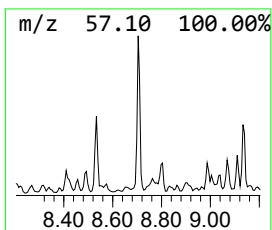
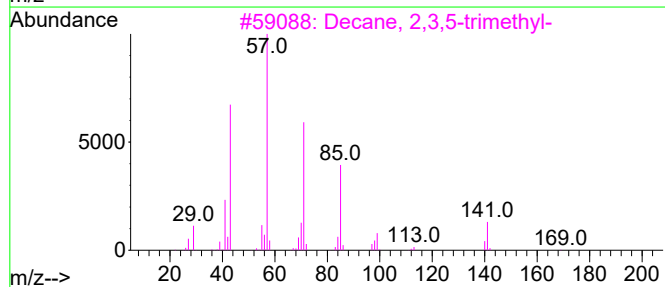
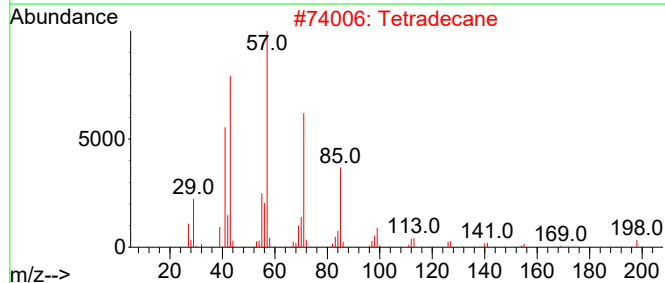
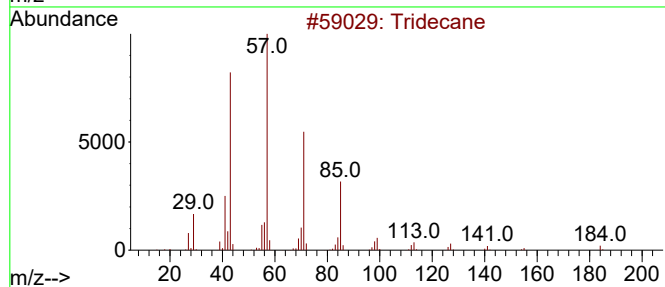
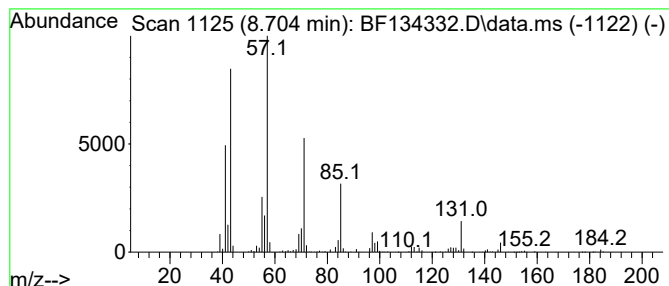
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	25.96 ng	801155	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Tetradecane	198	C14H30	000629-59-4	64
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
4		Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64



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Instrument :
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ClientSampleId :
TR-4-071323

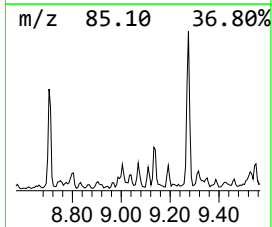
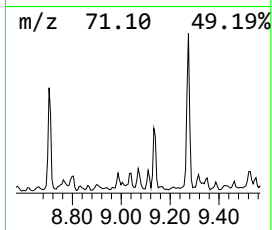
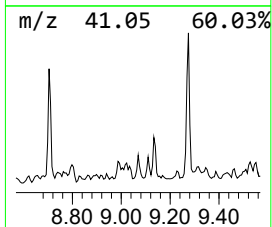
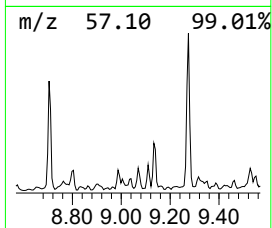
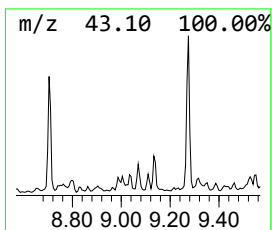
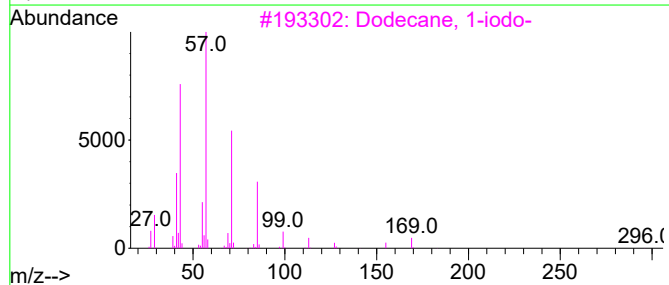
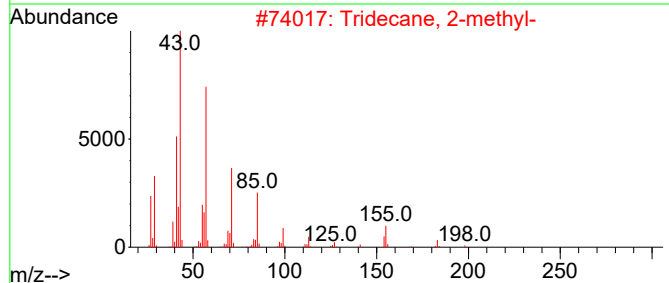
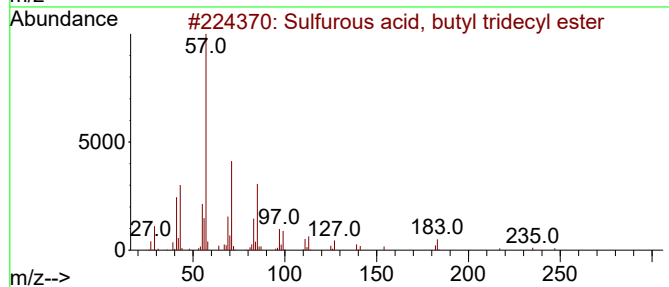
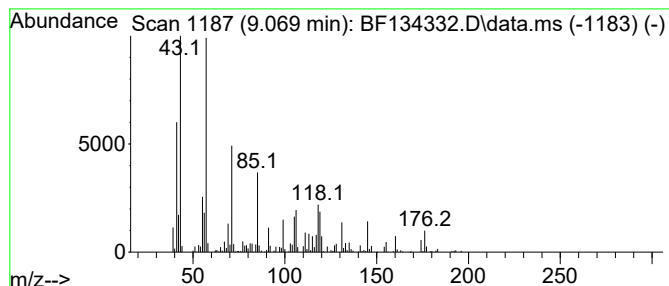
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown9.069 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	18.40 ng	393898	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	38
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	35
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	30
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30
5			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	30



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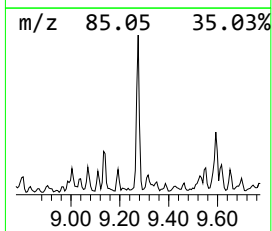
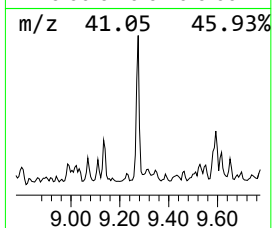
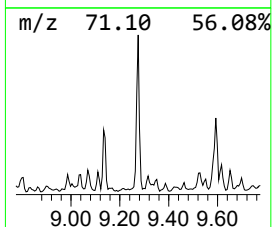
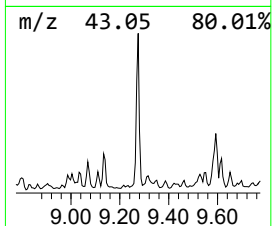
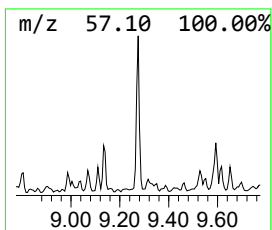
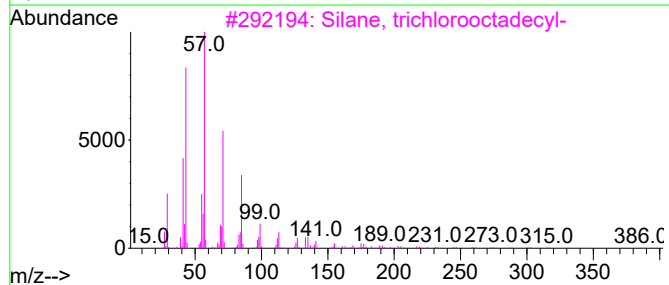
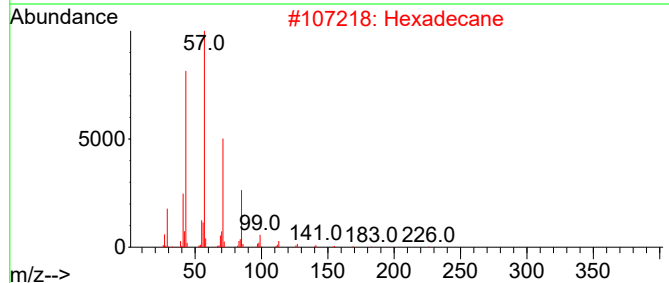
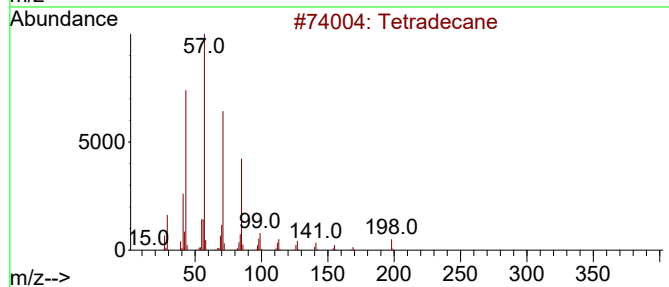
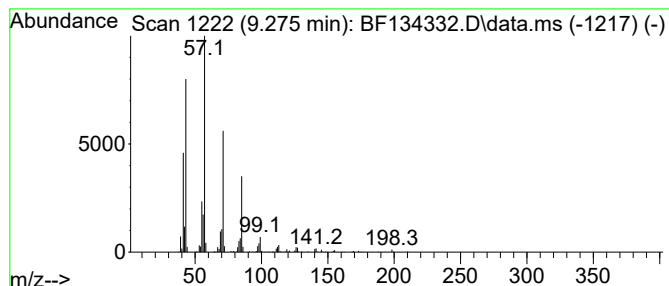
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	54.89 ng	1174980	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4			Undecane	156	C11H24	001120-21-4	86
5			Tridecane	184	C13H28	000629-50-5	86



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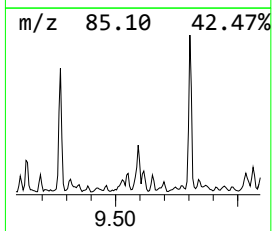
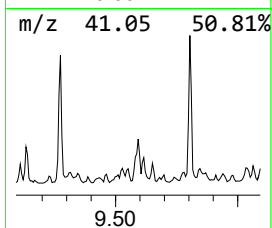
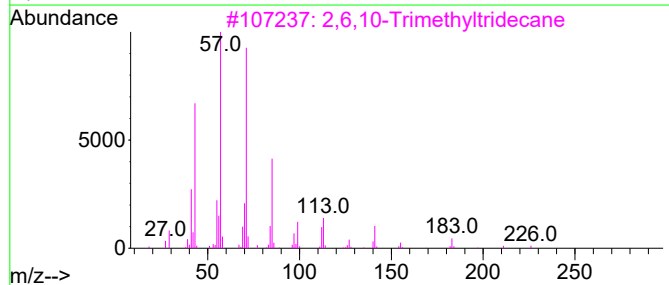
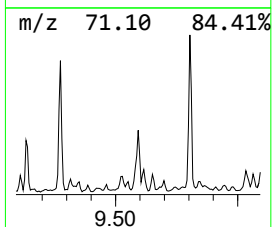
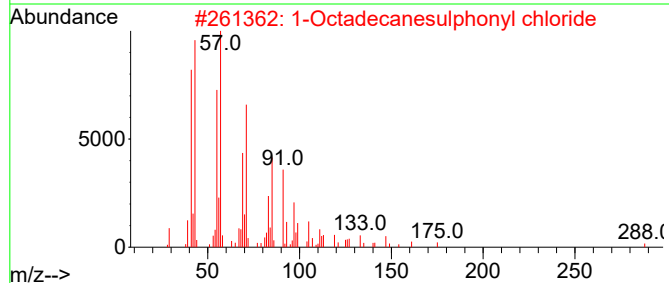
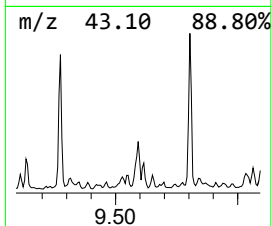
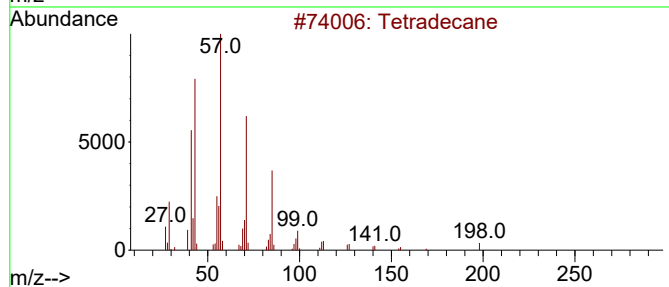
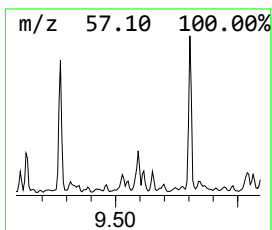
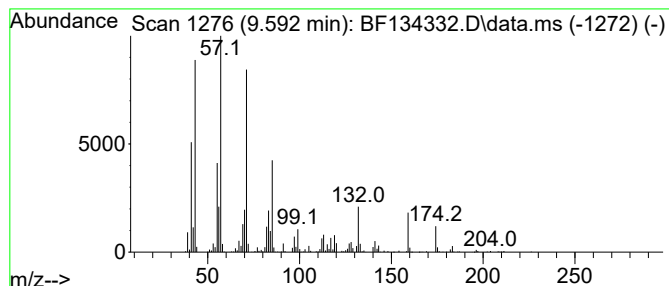
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Octadecanesulphonyl chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	33.13 ng	709203	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	64
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
3			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	64
4			Hexadecane	226	C16H34	000544-76-3	62
5			Nonadecane	268	C19H40	000629-92-5	58



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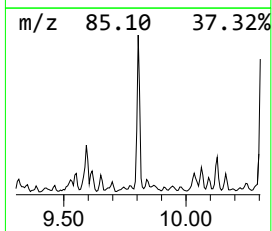
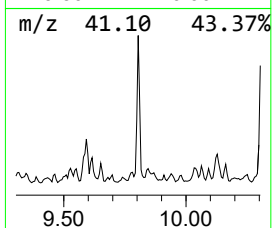
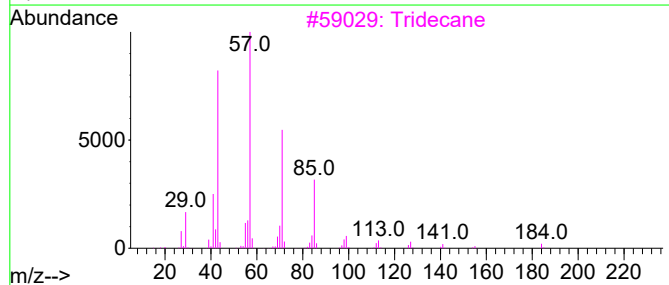
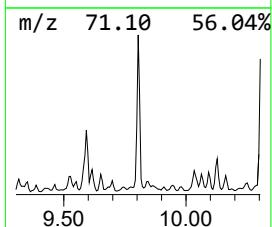
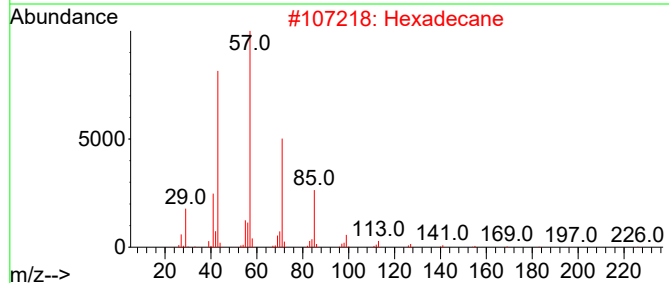
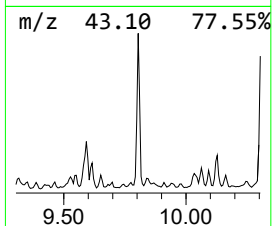
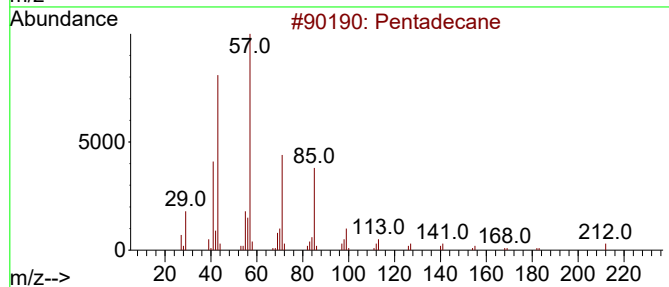
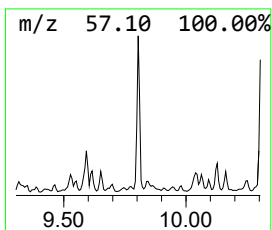
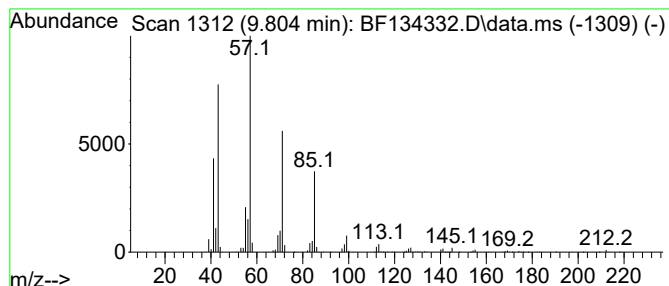
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	55.65 ng	1191370	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-071323

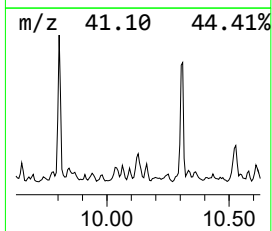
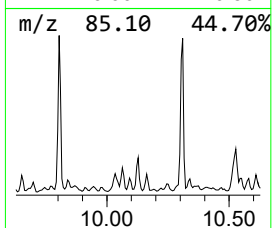
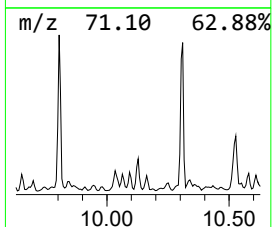
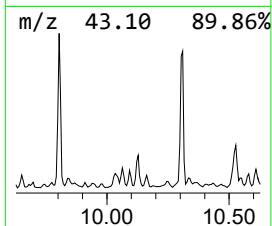
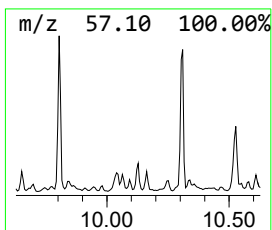
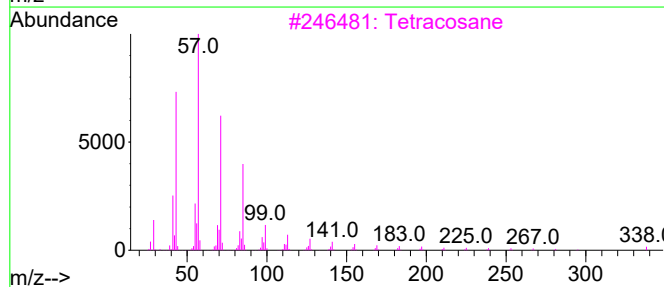
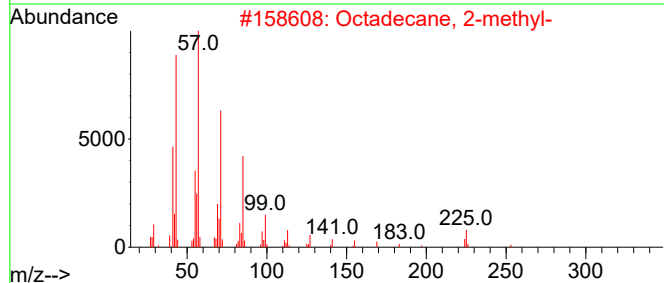
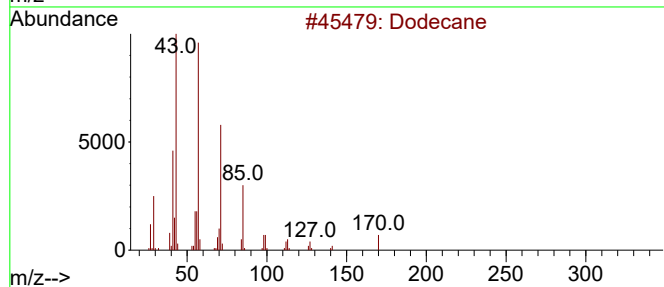
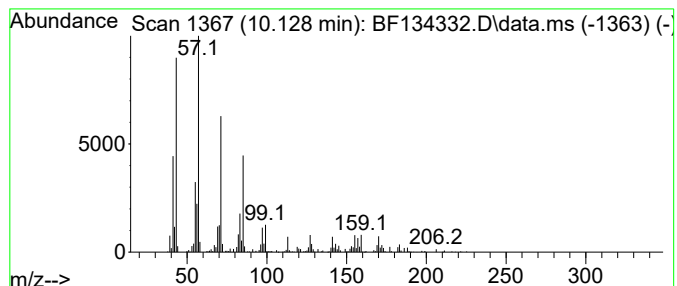
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	21.81 ng	466824	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3			Tetracosane	338	C24H50	000646-31-1	83
4			Octacosane	394	C28H58	000630-02-4	83
5			Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
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Misc :
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Instrument :
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ClientSampleId :
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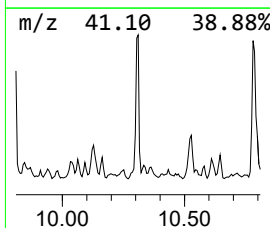
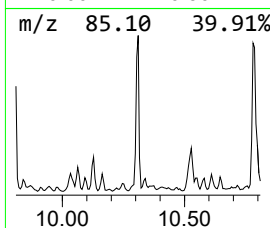
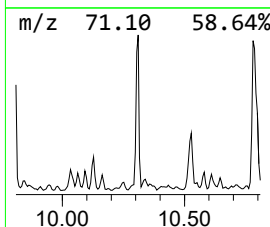
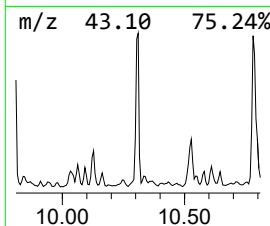
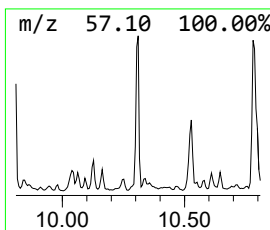
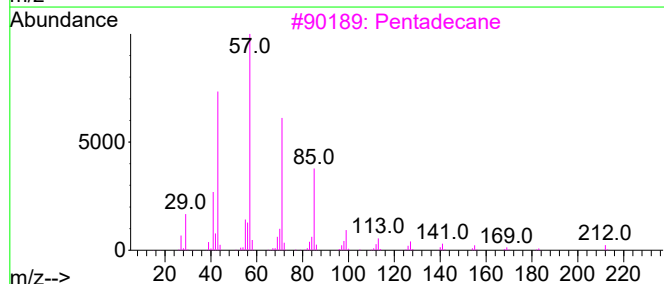
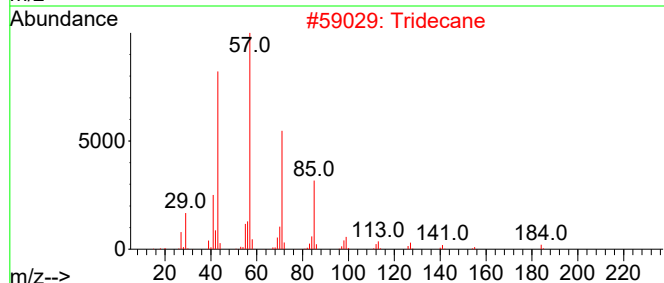
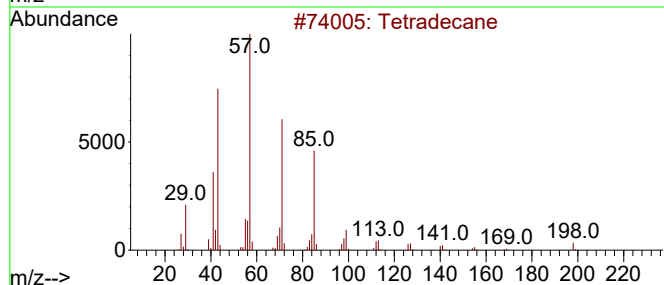
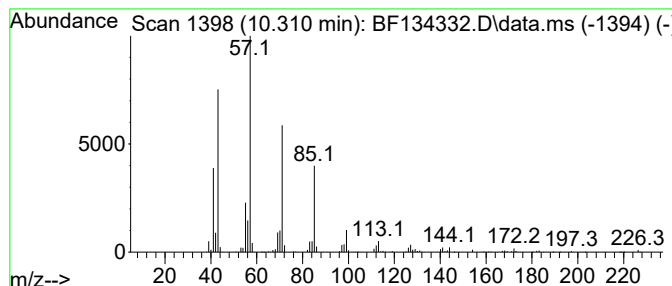
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	60.43 ng	1293590	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Tridecane	184	C13H28	000629-50-5	86
3			Pentadecane	212	C15H32	000629-62-9	86
4			Eicosane	282	C20H42	000112-95-8	80
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
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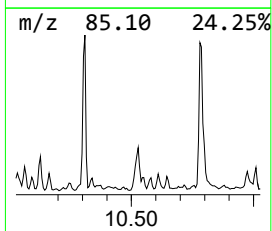
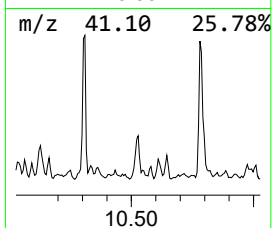
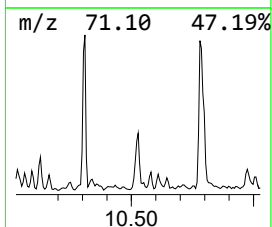
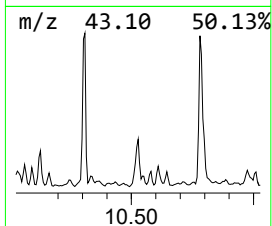
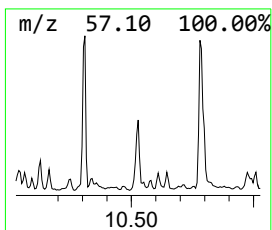
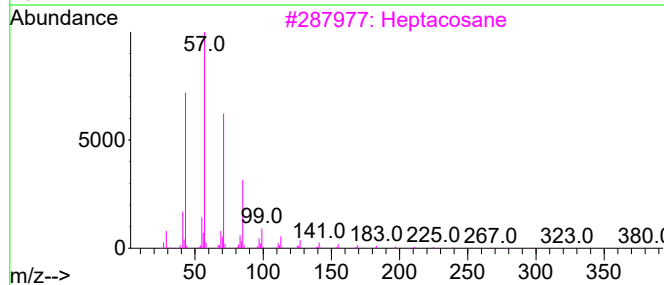
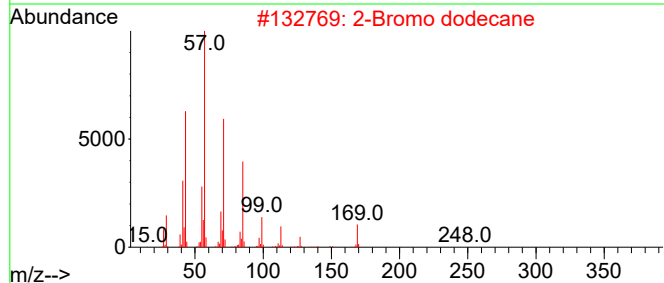
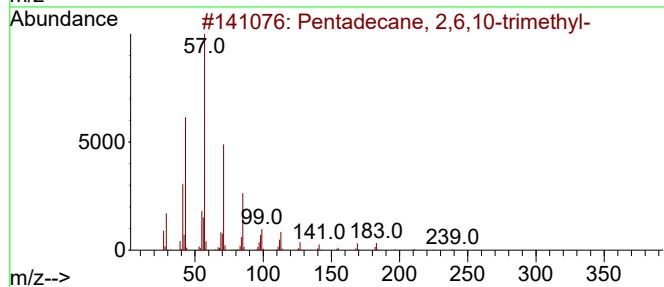
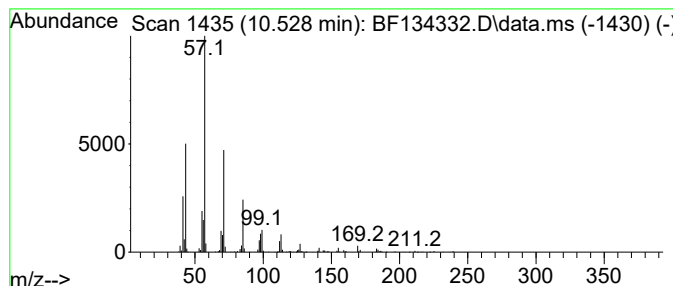
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.528	29.21 ng	625346	Acenaphthene-d10		9.875	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	90
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	89
3	Heptacosane		380	C27H56	000593-49-7	87
4	Hexadecane, 3-methyl-		240	C17H36	006418-43-5	78
5	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
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Instrument :
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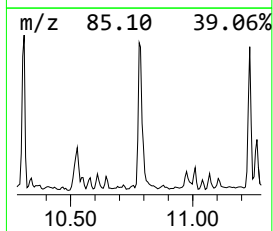
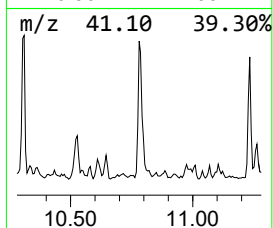
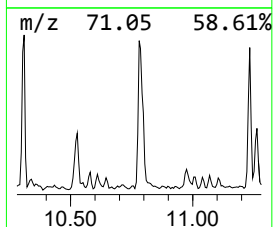
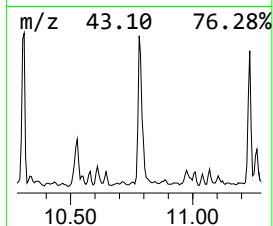
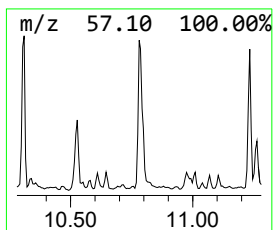
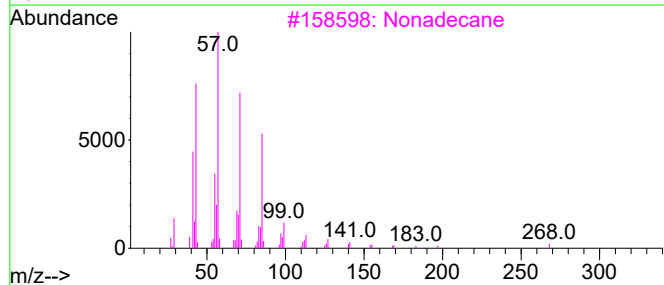
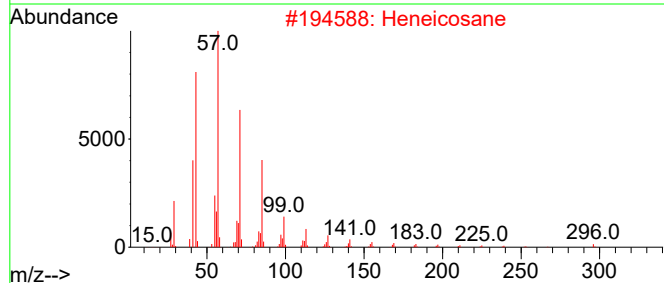
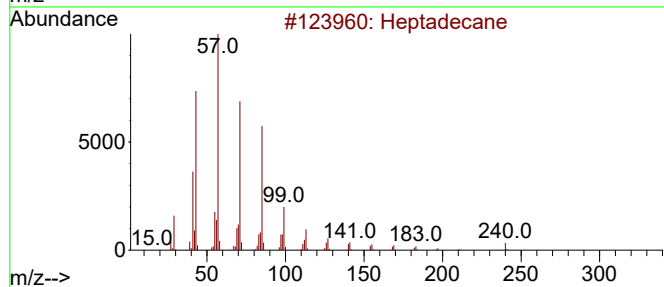
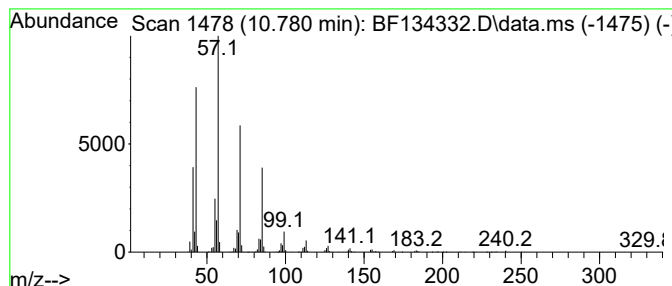
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	68.26 ng	1696500	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	87
4			Pentadecane	212	C15H32	000629-62-9	86
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-4-071323

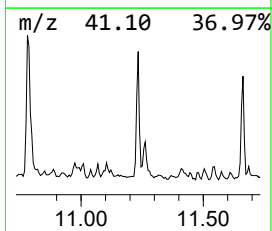
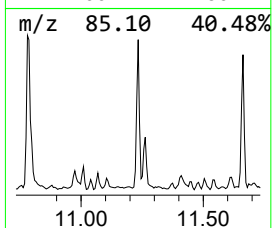
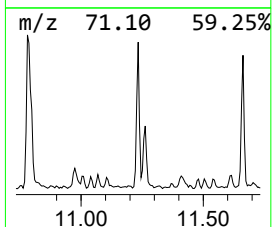
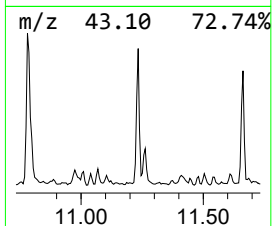
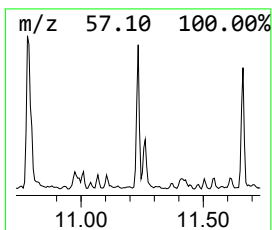
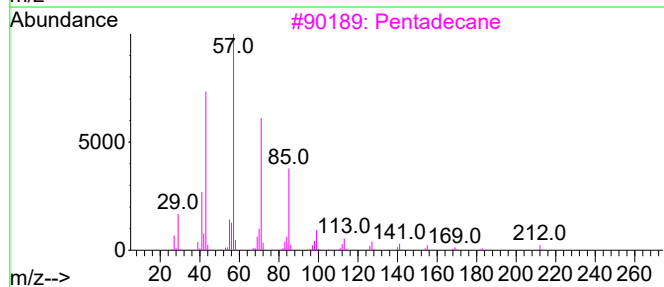
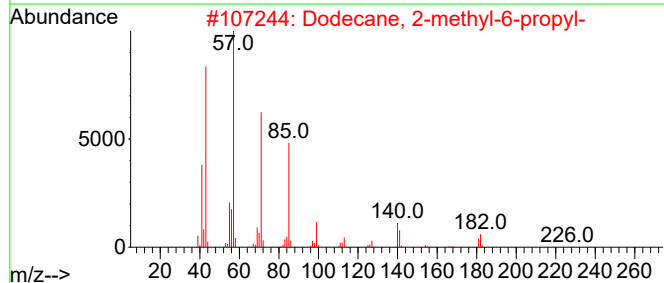
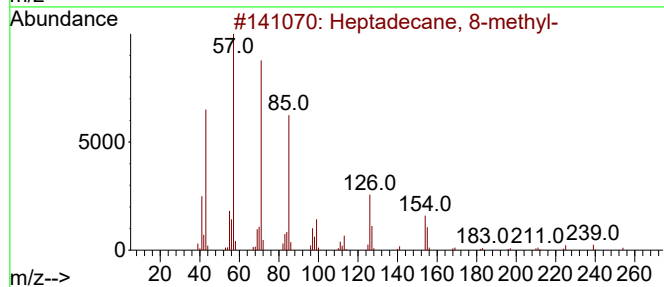
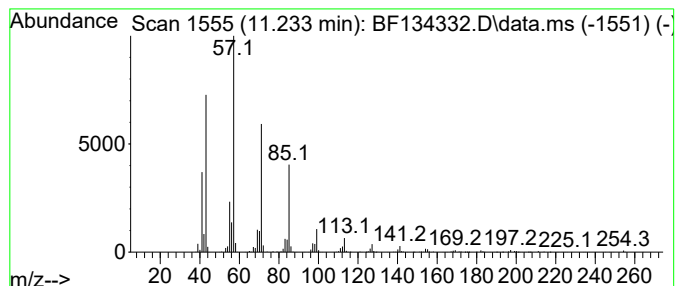
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 8-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	41.07 ng	1020860	Phenanthrene-d10	11.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	90
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
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ClientSampleId :
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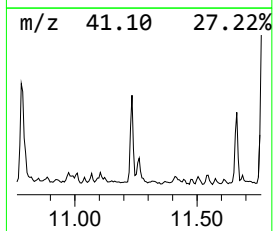
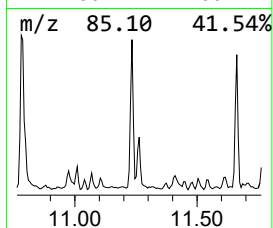
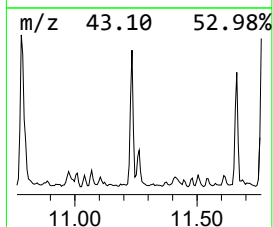
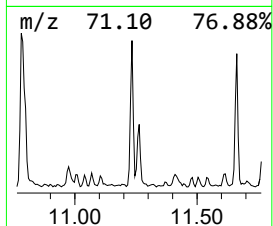
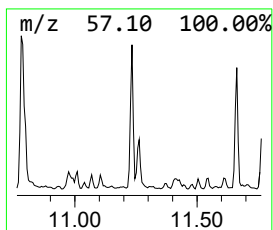
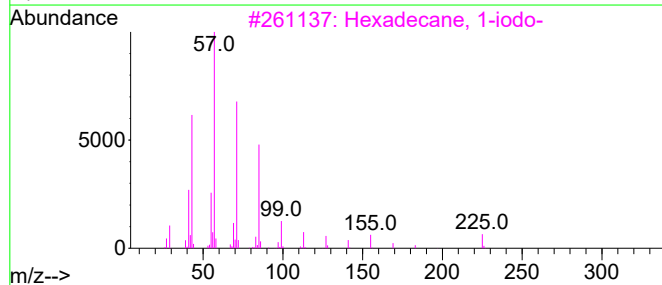
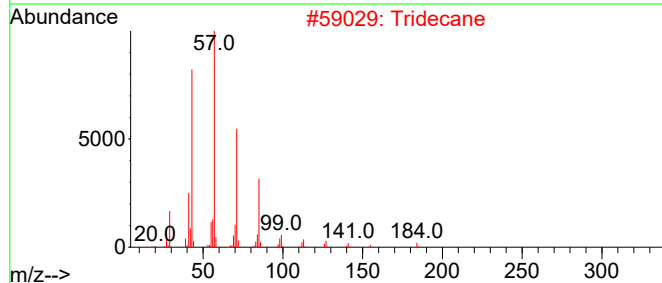
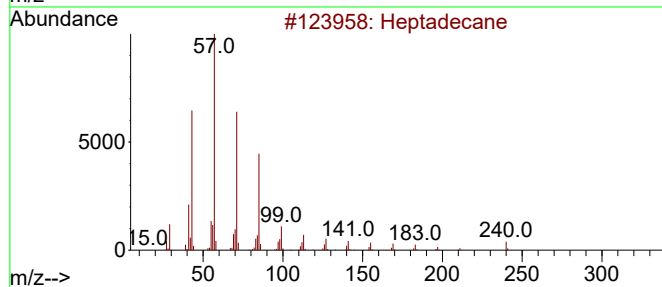
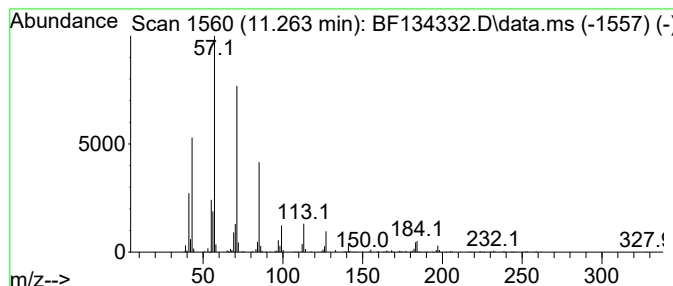
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	22.00 ng	546850	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Tridecane	184	C13H28	000629-50-5	87
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

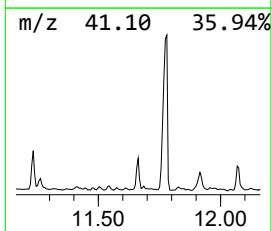
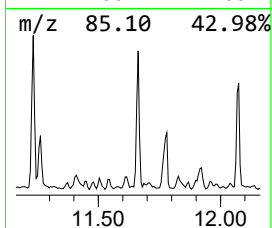
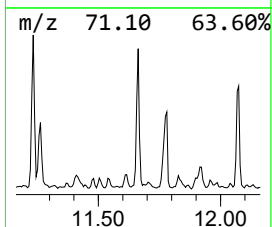
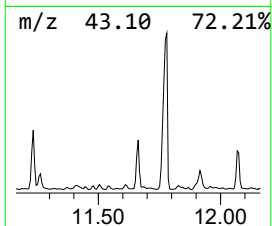
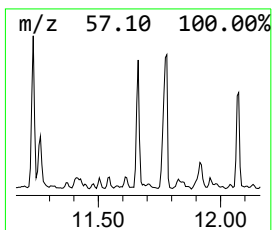
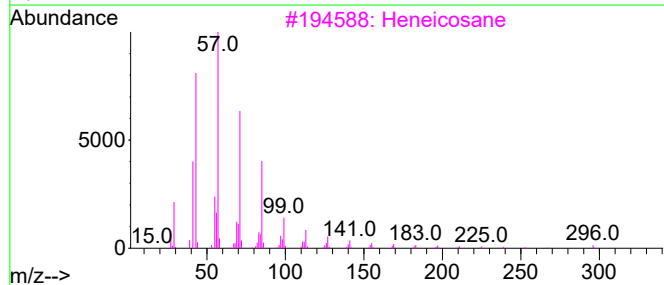
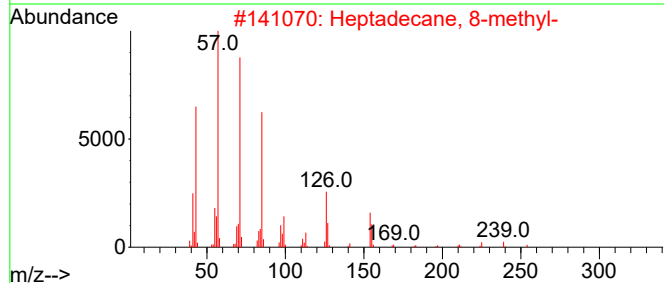
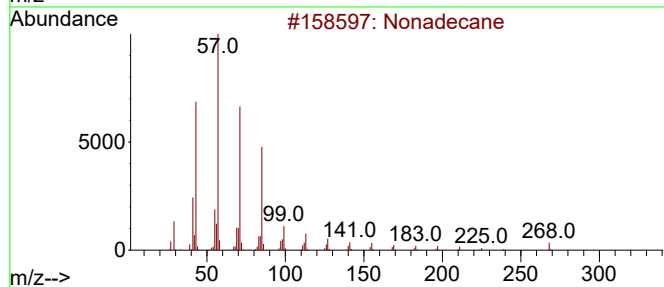
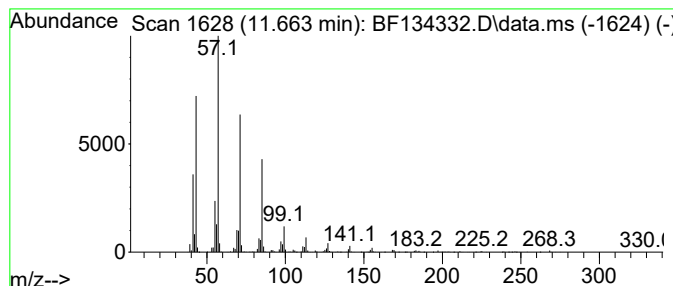
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ClientSampleId :
TR-4-071323

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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 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.663	34.20 ng	850161	Phenanthrene-d10		11.374	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Eicosane		282	C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

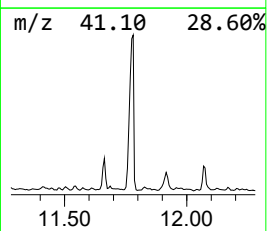
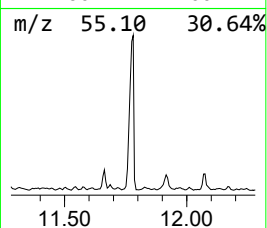
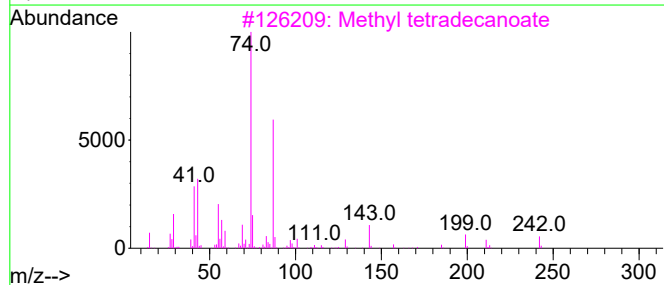
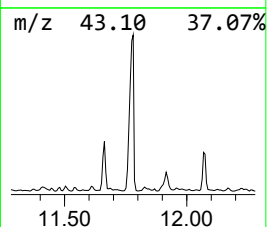
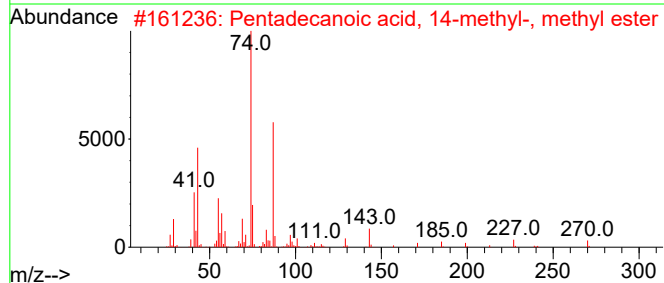
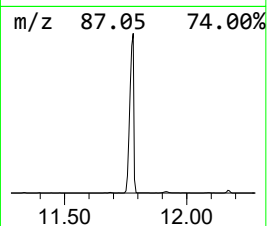
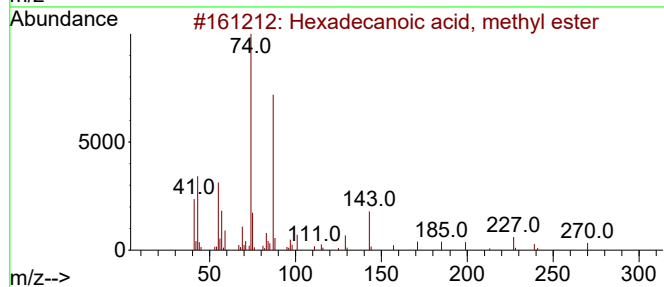
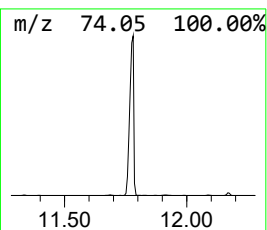
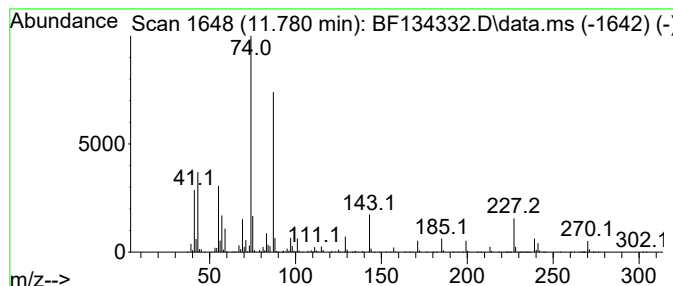
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.780	330.00 ng	8202260	Phenanthrene-d10		11.374	
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	Methyl tetradecanoate		242	C15H30O2	000124-10-7	93
4	Tridecanoic acid, methyl ester		228	C14H28O2	001731-88-0	93
5	Decanoic acid, methyl ester		186	C11H22O2	000110-42-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

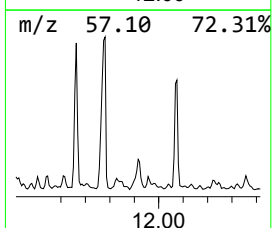
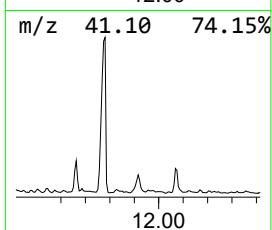
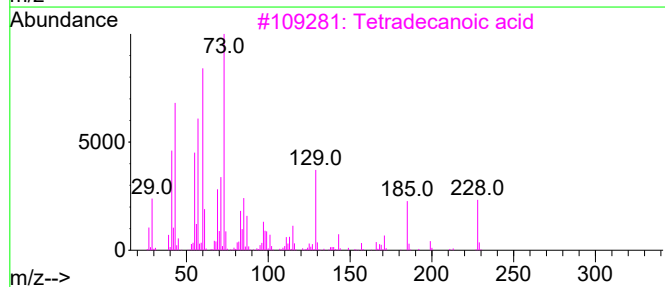
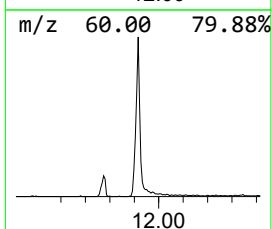
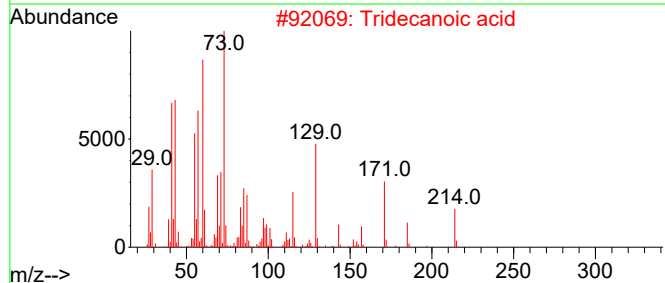
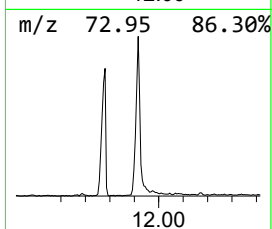
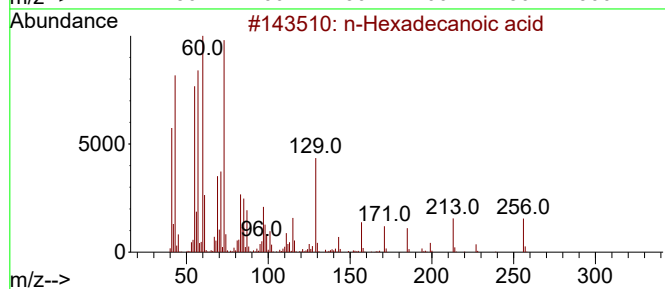
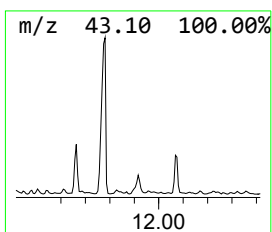
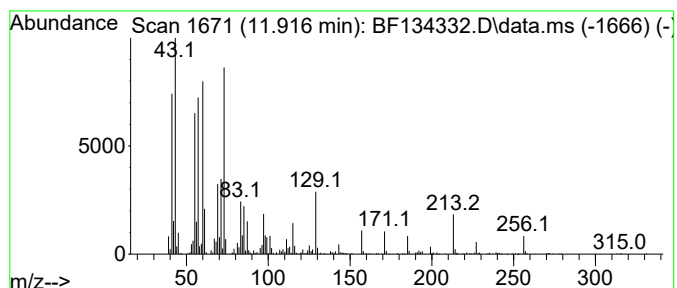
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	30.28 ng	752611	Phenanthrene-d10		11.374	
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	94
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
5	Dodecanoic acid		200	C12H24O2	000143-07-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-071323

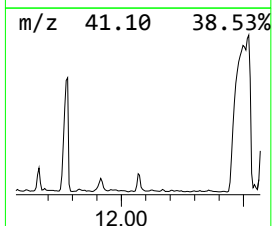
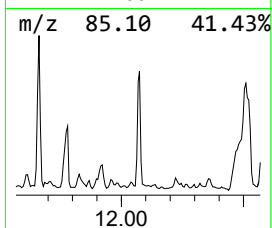
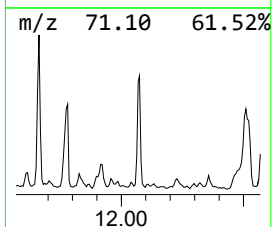
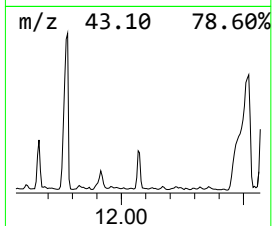
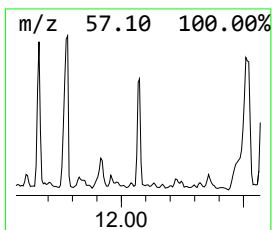
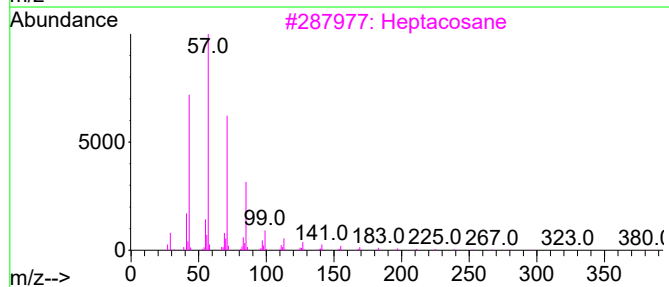
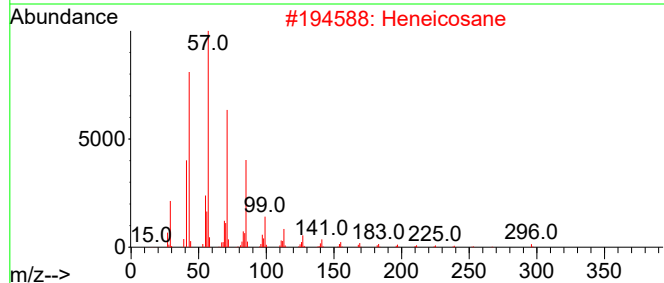
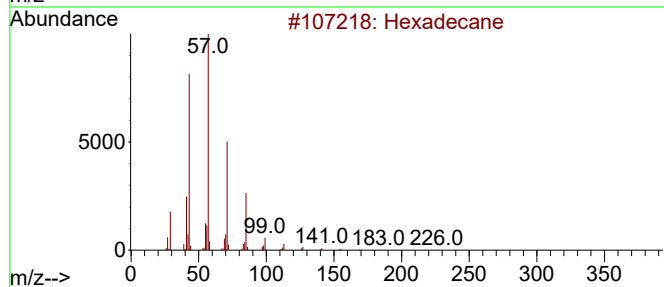
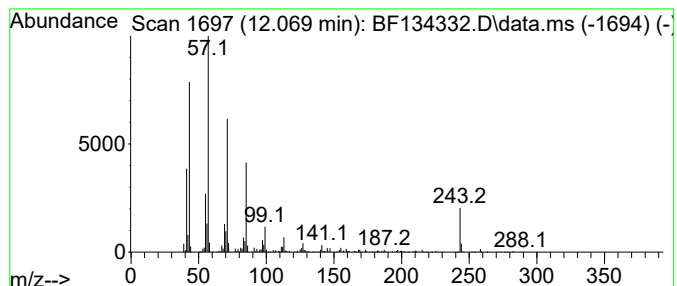
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	39.00 ng	969423	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Heneicosane	296	C21H44	000629-94-7	81
3			Heptacosane	380	C27H56	000593-49-7	81
4			Nonadecane	268	C19H40	000629-92-5	81
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-071323

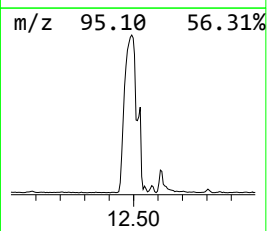
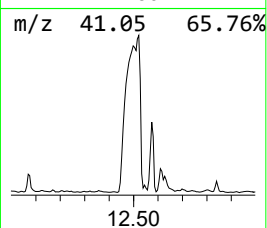
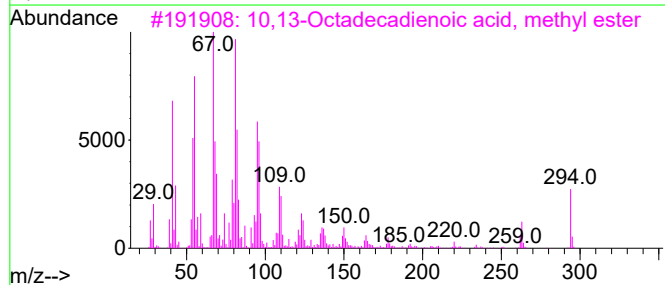
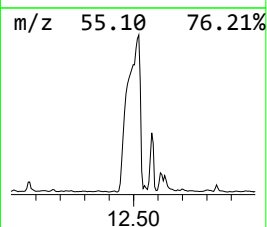
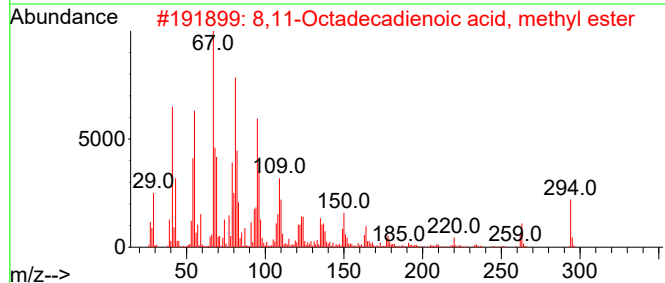
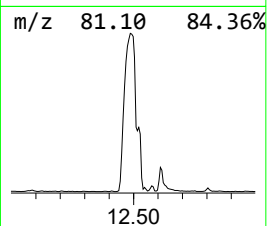
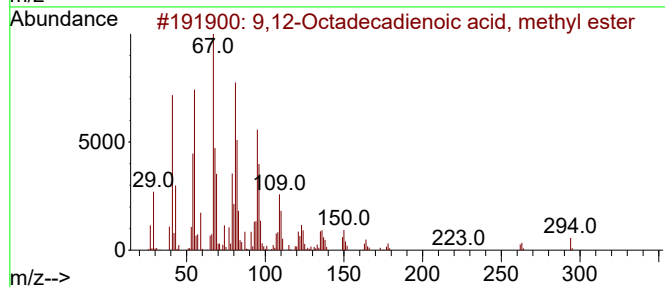
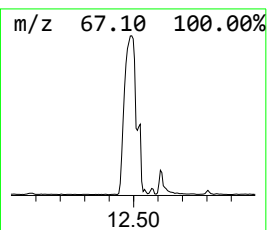
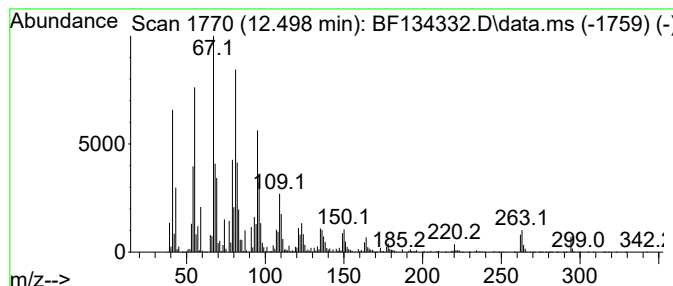
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	1180.03 ng	29329700	Phenanthrene-d10	11.374

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	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99		
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-4-071323

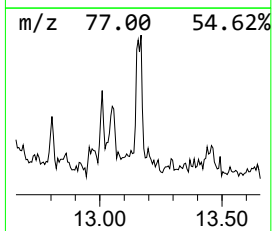
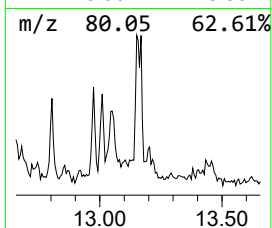
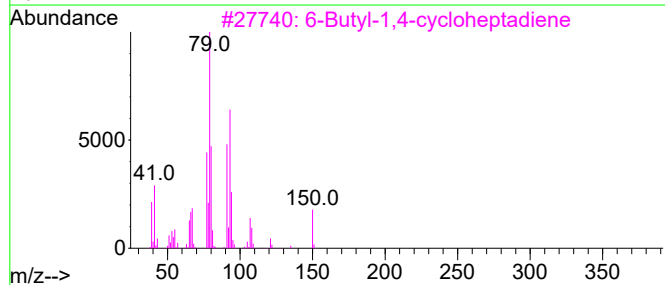
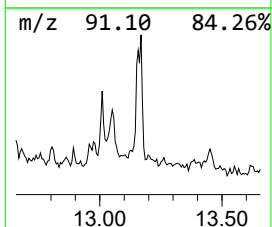
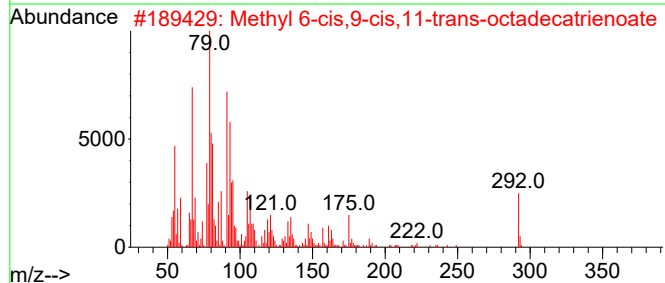
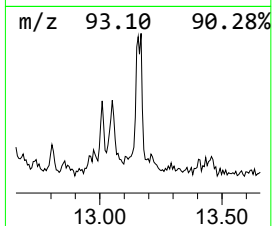
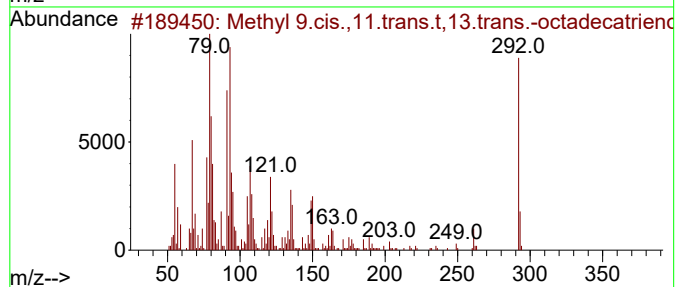
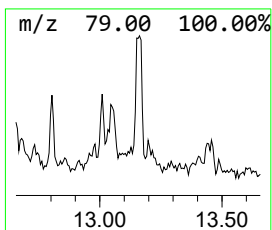
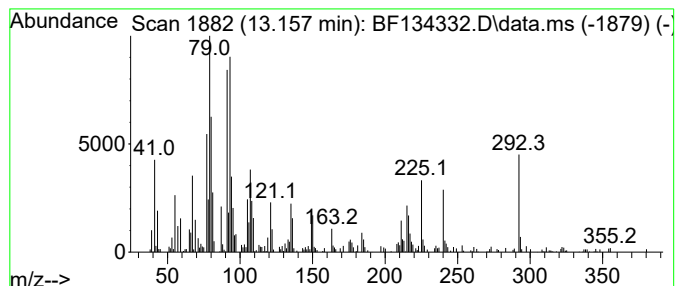
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Methyl 9.cis.,11.trans.t,13... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	20.49 ng	358791	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	81
2			Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1010336-37-7	64
3			6-Butyl-1,4-cycloheptadiene	150	C11H18	022735-58-6	60
4			Bicyclo[3.2.0]heptane, 2-methylene-	108	C8H12	089243-94-7	46
5			Cyclopentane, 1-ethenyl-3-methyl...	108	C8H12	029668-63-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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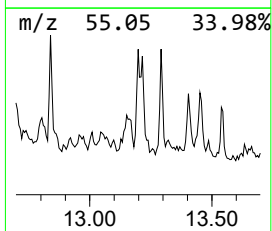
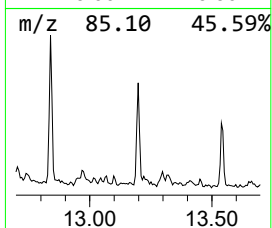
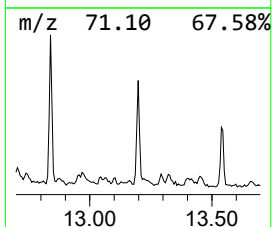
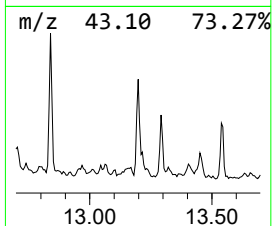
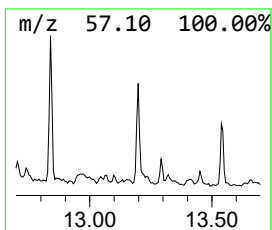
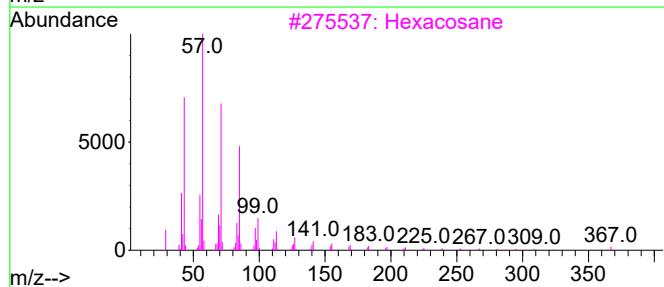
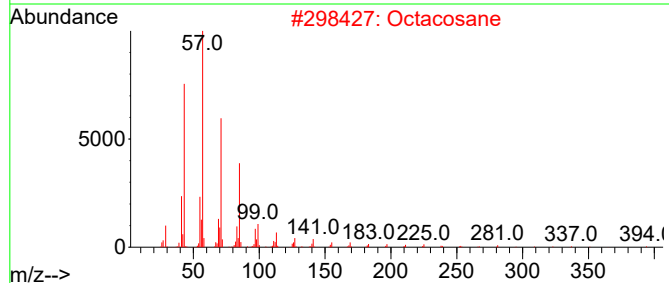
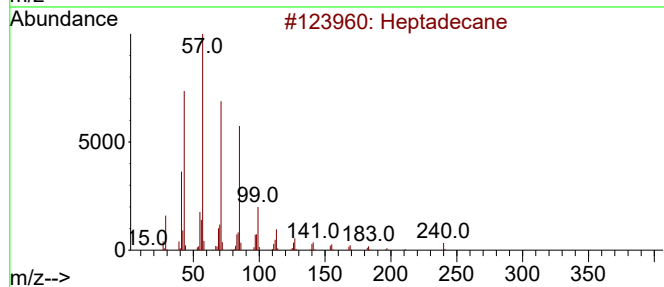
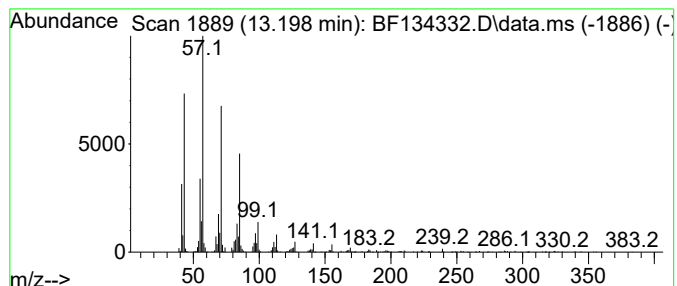
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	25.57 ng	447769	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Octacosane	394	C28H58	000630-02-4	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-071323

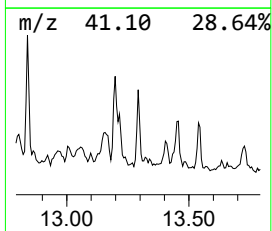
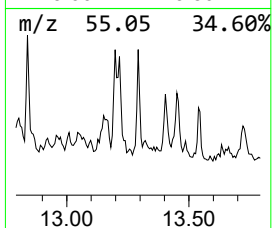
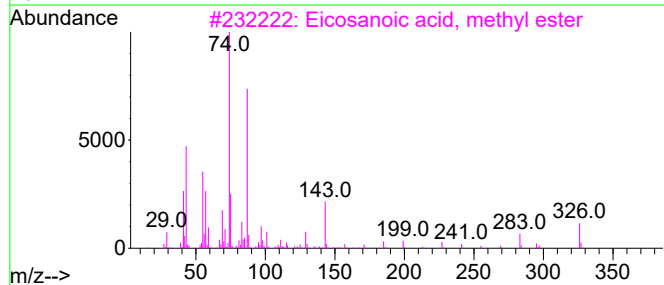
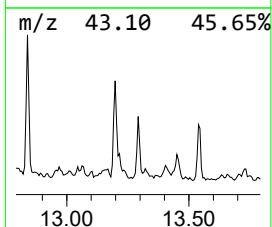
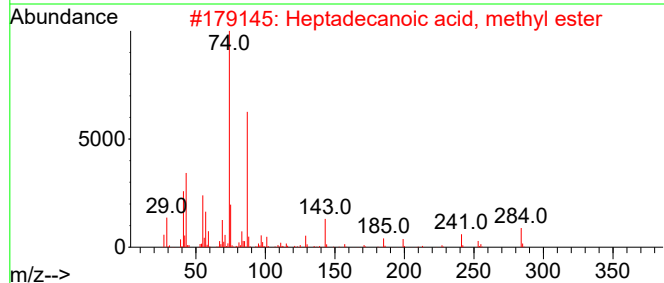
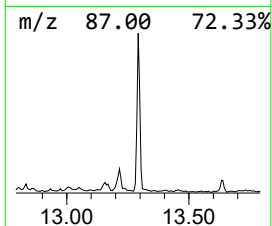
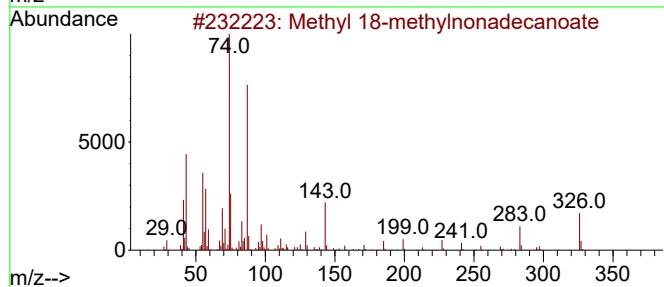
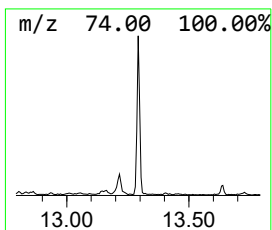
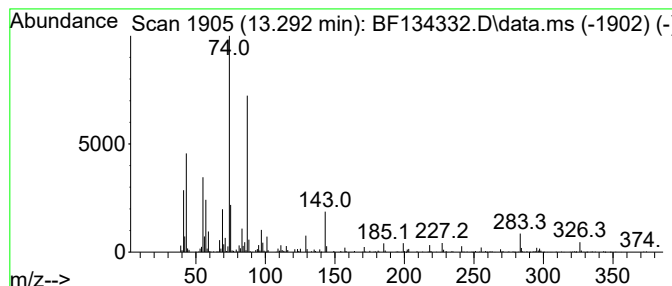
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl 18-methylnonadecanoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	20.45 ng	358049	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	95
2			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
3			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	91
4			Methyl 10-methyl-hexadecanoate	284	C18H36O2	1000336-50-9	91
5			Methyl stearate	298	C19H38O2	000112-61-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

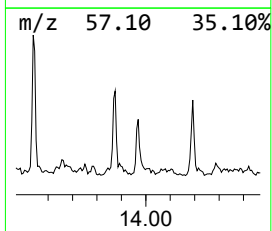
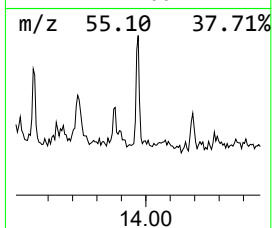
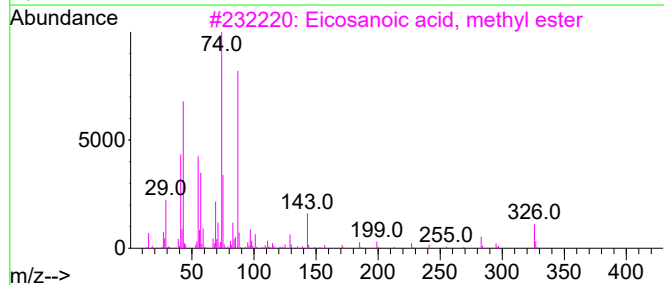
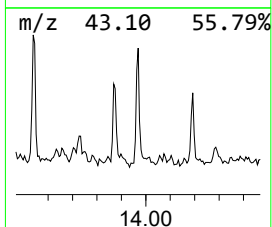
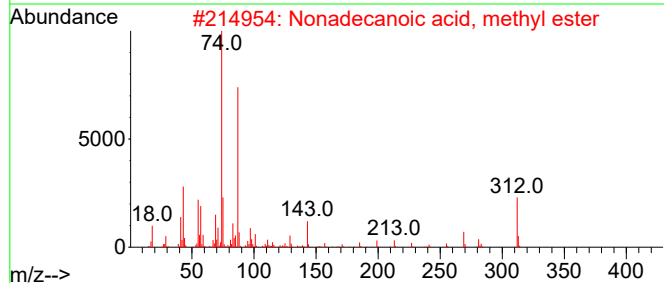
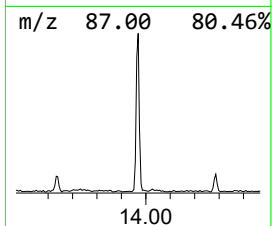
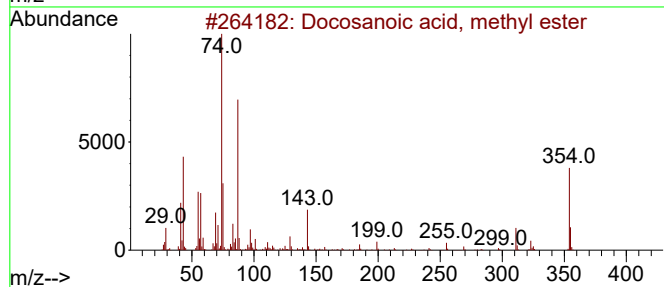
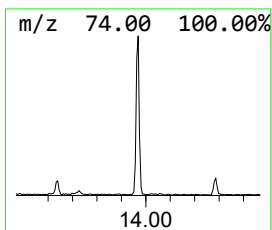
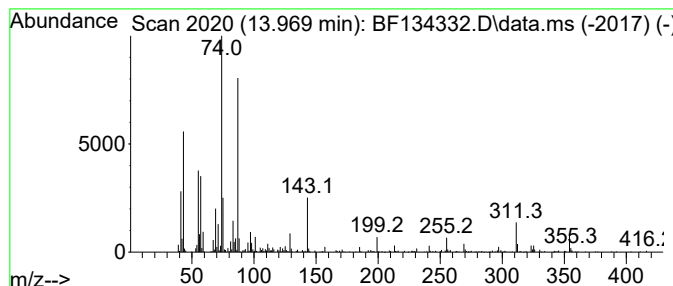
Instrument :
BNA_F
ClientSampleId :
TR-4-071323

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

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

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.969	20.00 ng	350217	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	94
4	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	93
5	Methyl stearate	298	C19H38O2	000112-61-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
Data File : BF134332.D
Acq On : 18 Jul 2023 00:17
Operator : CG\JU
Sample : 03613-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-071323

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecane	8.704	26.0	ng	801155	2	8.116	617129	20.0
unknown9.069	9.069	18.4	ng	393898	3	9.875	428141	20.0
Tetradecane	9.275	54.9	ng	1174980	3	9.875	428141	20.0
1-Octadecanesul...	9.592	33.1	ng	709203	3	9.875	428141	20.0
Pentadecane	9.804	55.6	ng	1191370	3	9.875	428141	20.0
Dodecane	10.128	21.8	ng	466824	3	9.875	428141	20.0
Eicosane	10.310	60.4	ng	1293590	3	9.875	428141	20.0
Pentadecane, 2,...	10.528	29.2	ng	625346	3	9.875	428141	20.0
Heptadecane	10.781	68.3	ng	1696500	4	11.374	497102	20.0
Heptadecane, 8-...	11.233	41.1	ng	1020860	4	11.374	497102	20.0
Hexadecane, 1-i...	11.263	22.0	ng	546850	4	11.374	497102	20.0
Nonadecane	11.663	34.2	ng	850161	4	11.374	497102	20.0
Hexadecanoic ac...	11.780	330.0	ng	8202260	4	11.374	497102	20.0
n-Hexadecanoic ...	11.916	30.3	ng	752611	4	11.374	497102	20.0
Hexadecane	12.069	39.0	ng	969423	4	11.374	497102	20.0
9,12-Octadecadi...	12.498	1180.0	ng	29329700	4	11.374	497102	20.0
Methyl 9.cis.,1...	13.157	20.5	ng	358791	5	14.039	350217	20.0
Octacosane	13.198	25.6	ng	447769	5	14.039	350217	20.0
Methyl 18-methy...	13.292	20.4	ng	358049	5	14.039	350217	20.0
Docosanoic acid...	13.969	20.0	ng	350217	5	14.039	350217	20.0