

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134456.D
 Acq On : 25 Jul 2023 05:47
 Operator : CG\JU
 Sample : 03659-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-071823

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-BF072423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134456.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	591	rBV	1475144	1404266	5.79%	1.725%
2	6.475	742	746	752	rBV	1427612	1258439	5.19%	1.545%
3	6.834	804	807	810	rBV	514577	400387	1.65%	0.492%
4	7.398	900	903	905	rVV	1145115	944710	3.90%	1.160%
5	7.422	905	907	910	rVV	611538	429969	1.77%	0.528%
6	7.728	951	959	961	rBV5	160372	257320	1.06%	0.316%
7	7.851	977	980	983	rVV3	224578	255682	1.05%	0.314%
8	8.069	1010	1017	1018	rBV5	144990	244479	1.01%	0.300%
9	8.092	1018	1021	1023	rVV	1301081	1135442	4.68%	1.394%
10	8.110	1023	1024	1027	rVV	604958	485969	2.00%	0.597%
11	8.169	1030	1034	1036	rVB2	464725	525545	2.17%	0.645%
12	8.310	1055	1058	1060	rVB2	310302	285635	1.18%	0.351%
13	8.398	1068	1073	1078	rVV5	405505	595682	2.46%	0.732%
14	8.487	1086	1088	1091	rBV3	267094	313561	1.29%	0.385%
15	8.528	1091	1095	1097	rVV2	510017	390444	1.61%	0.480%
16	8.616	1107	1110	1112	rBV	554743	439550	1.81%	0.540%
17	8.704	1121	1125	1128	rBV	1446697	1292794	5.33%	1.588%
18	8.934	1162	1164	1166	rVB	439316	305577	1.26%	0.375%
19	9.063	1182	1186	1191	rVB4	278689	398060	1.64%	0.489%
20	9.128	1195	1197	1199	rBV2	472451	376656	1.55%	0.463%
21	9.187	1204	1207	1211	rVB	1389774	1247512	5.14%	1.532%
22	9.269	1216	1221	1224	rBV	1676789	1437658	5.93%	1.766%
23	9.339	1230	1233	1236	rVB	368573	302253	1.25%	0.371%
24	9.504	1258	1261	1262	rBV3	237866	247296	1.02%	0.304%
25	9.522	1262	1264	1266	rVV2	324932	364525	1.50%	0.448%
26	9.545	1266	1268	1271	rVV3	356055	351296	1.45%	0.431%
27	9.586	1271	1275	1277	rVV3	949603	1077063	4.44%	1.323%
28	9.610	1277	1279	1283	rVV2	411846	505676	2.09%	0.621%
29	9.645	1283	1285	1288	rVB2	402661	362080	1.49%	0.445%
30	9.798	1308	1311	1315	rVV	1767991	1549076	6.39%	1.902%
31	9.869	1321	1323	1327	rVB	547139	516931	2.13%	0.635%
32	10.034	1347	1351	1353	rBV2	249581	380622	1.57%	0.467%
33	10.057	1353	1355	1357	rVV2	305245	274947	1.13%	0.338%
34	10.122	1362	1366	1369	rBV4	458067	511450	2.11%	0.628%
35	10.186	1374	1377	1384	rBV7	185196	449500	1.85%	0.552%
36	10.304	1394	1397	1399	rVV	1671034	1451392	5.98%	1.782%

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Peak Location: TOP

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37	10.522	1429	1434	1436	rBV	561186	686305	2.83%	0.843%
38	10.669	1456	1459	1461	rBV	815028	774207	3.19%	0.951%
39	10.775	1474	1477	1486	rVB	1632691	2032454	8.38%	2.496%
40	11.228	1550	1554	1556	rBV	1478567	1221750	5.04%	1.500%
41	11.257	1556	1559	1564	rVB	575252	677615	2.79%	0.832%
42	11.369	1574	1578	1580	rBV	602115	564894	2.33%	0.694%
43	11.398	1580	1583	1589	rVV2	167282	364513	1.50%	0.448%
44	11.657	1623	1627	1629	rBV	1189160	968026	3.99%	1.189%
45	11.769	1641	1646	1649	rVB	6436971	6471039	26.68%	7.947%
46	11.916	1665	1671	1675	rVV	1132830	1377670	5.68%	1.692%
47	12.063	1693	1696	1702	rBV2	786518	814464	3.36%	1.000%
48	12.486	1758	1768	1770	rBV	9247995	24252726	100.00%	29.785%
49	12.510	1770	1772	1775	rVB2	9432287	9031488	37.24%	11.092%
50	12.569	1778	1782	1785	rVB	3724935	3002439	12.38%	3.687%
51	12.616	1785	1790	1792	rBV2	1779412	2936017	12.11%	3.606%
52	12.698	1802	1804	1808	rVB	430475	369276	1.52%	0.454%
53	12.833	1824	1827	1830	rBV2	505201	442538	1.82%	0.543%
54	12.969	1844	1850	1853	rBV	1201141	1150875	4.75%	1.413%
55	13.192	1885	1888	1890	rBV	392119	380237	1.57%	0.467%
56	13.286	1902	1904	1908	rVB	300517	270635	1.12%	0.332%
57	13.451	1929	1932	1942	rVB4	168177	269246	1.11%	0.331%
58	13.963	2016	2019	2025	rBV	341173	326487	1.35%	0.401%
59	15.539	2284	2287	2294	rVB2	186911	272470	1.12%	0.335%

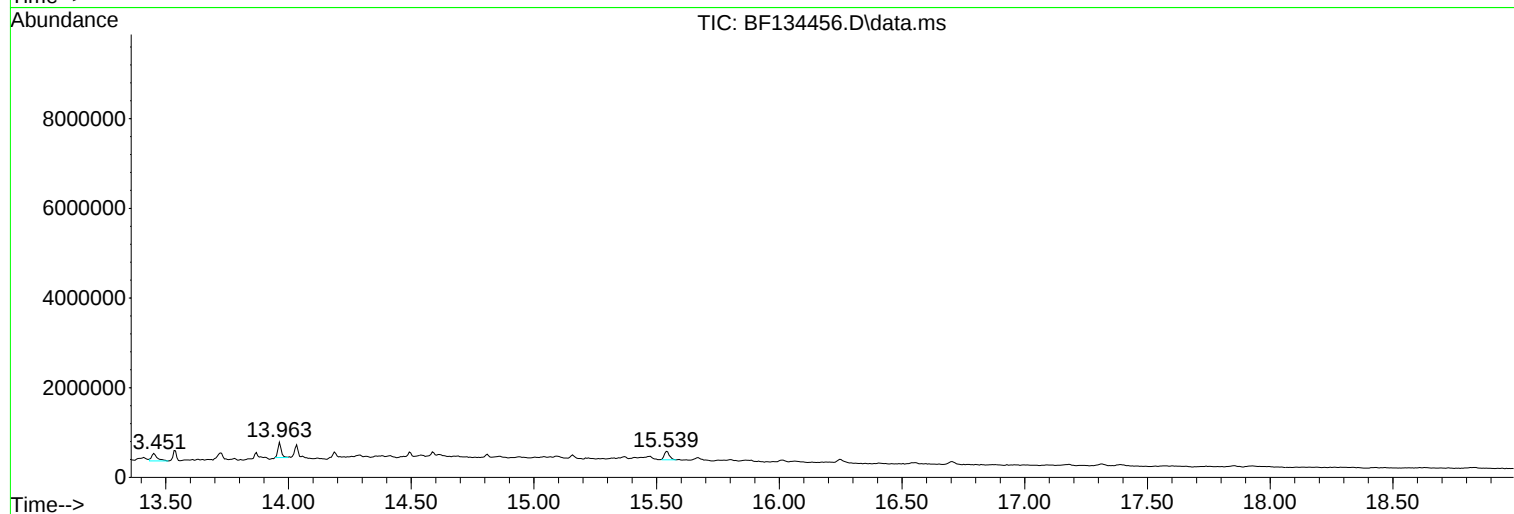
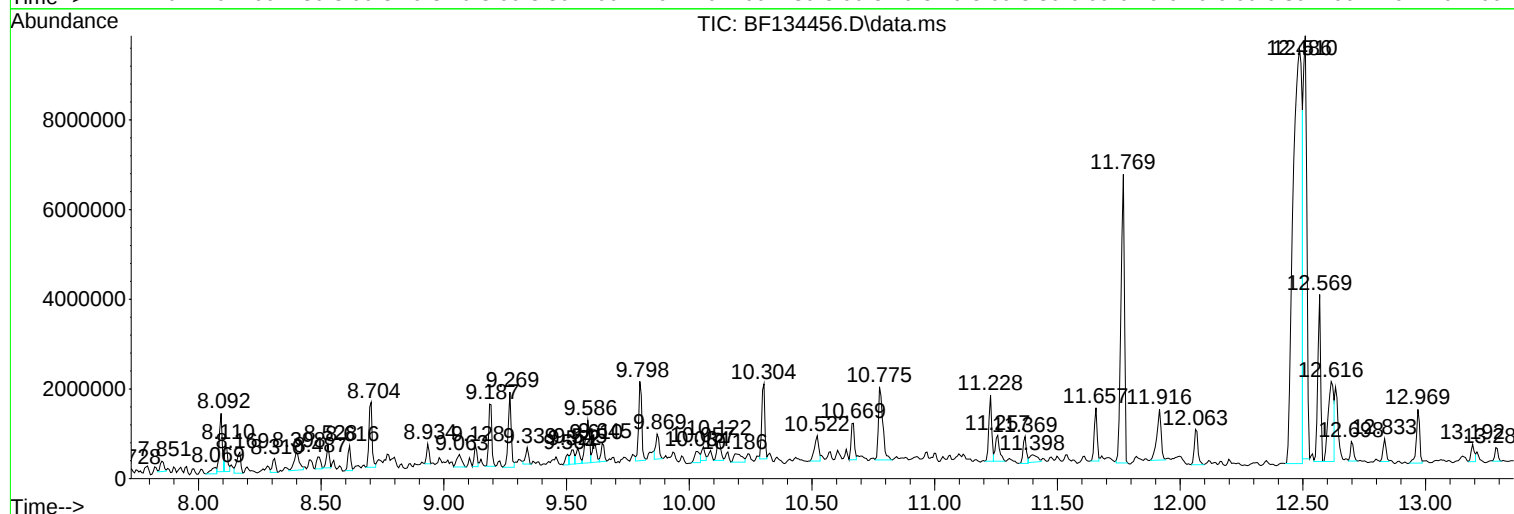
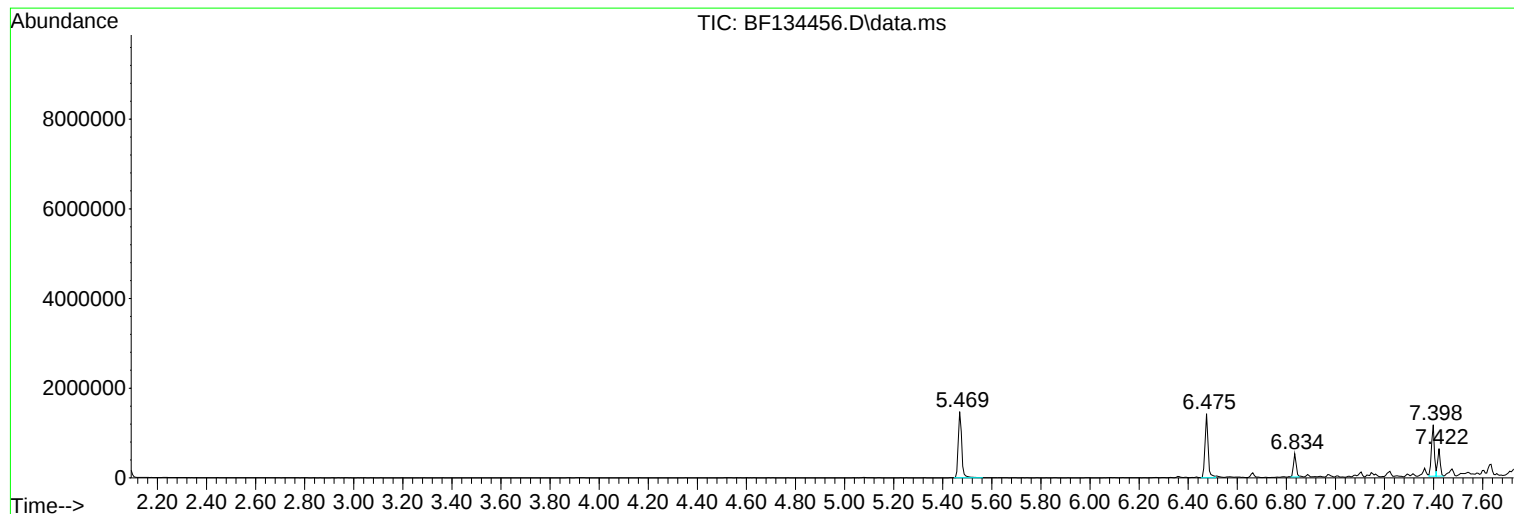
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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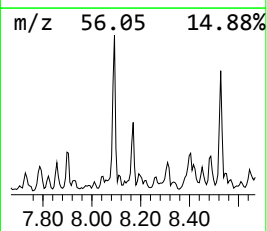
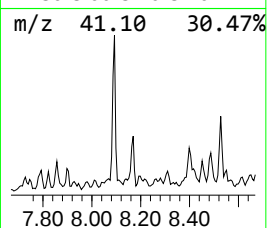
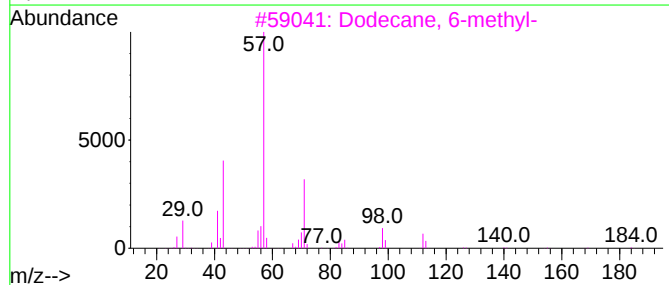
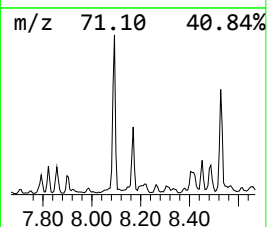
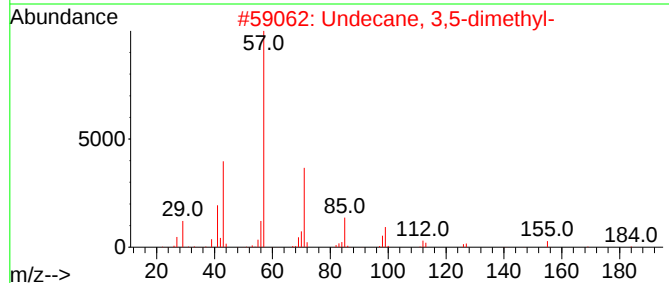
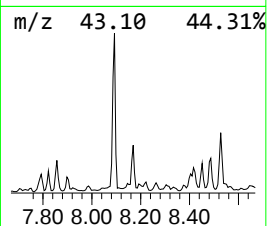
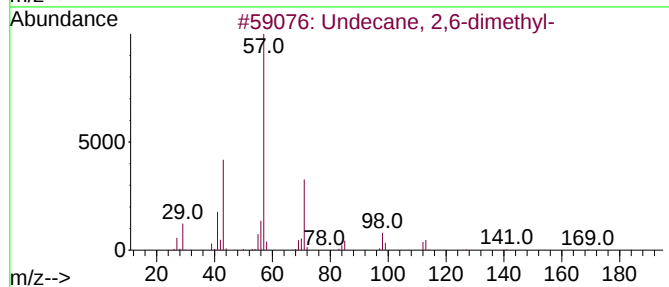
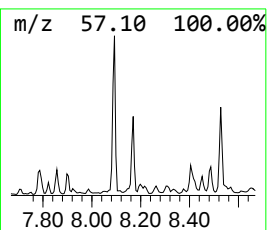
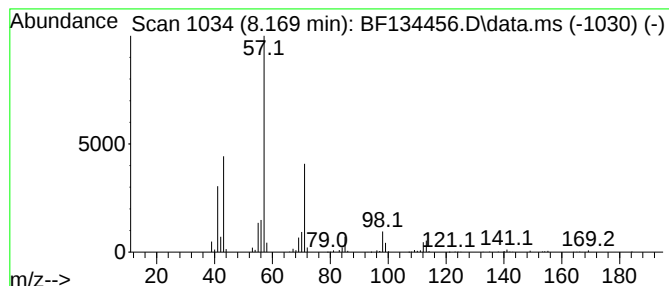
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.169	21.63 ng	525545	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	68
4			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



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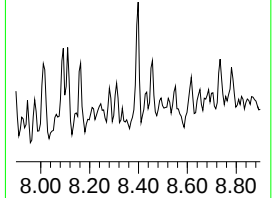
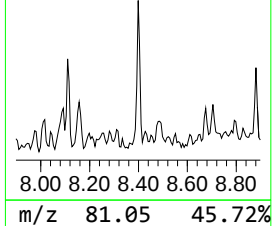
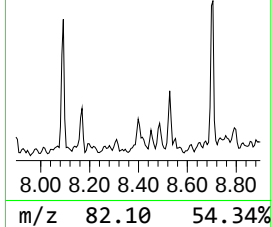
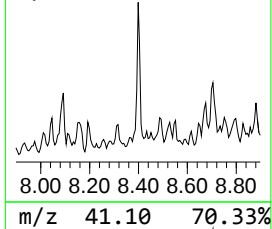
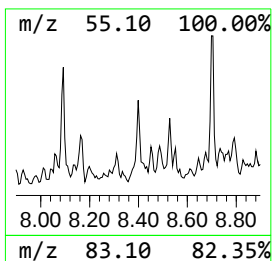
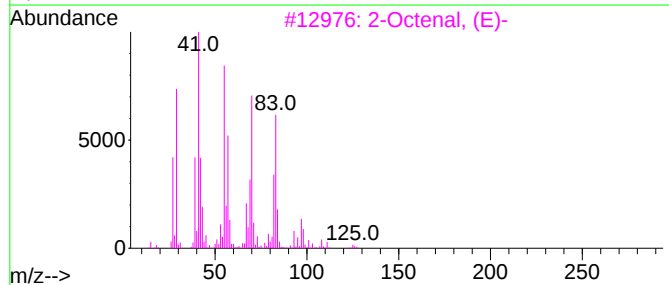
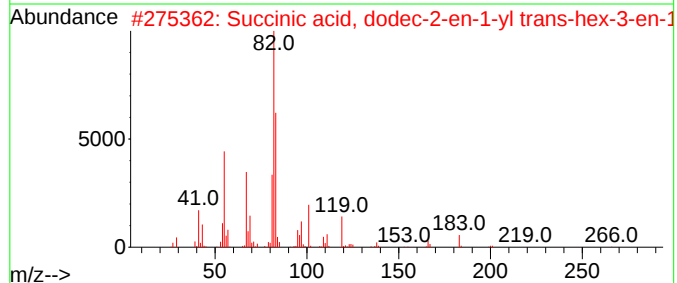
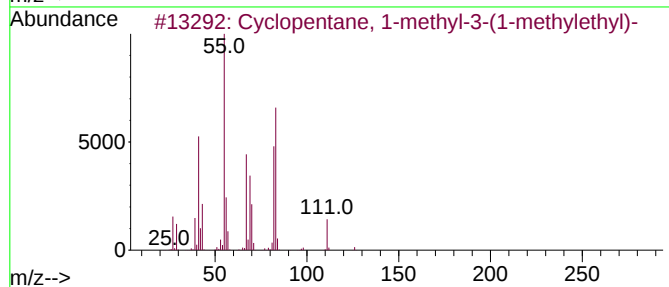
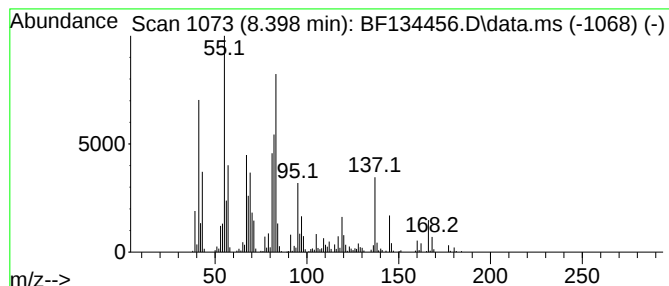
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclopentane, 1-methyl-3-(1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.398	24.52 ng	595682	Naphthalene-d8	8.110	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	64
2	Succinic acid, dodec-2-en-1-yl t...	366	C22H38O4	1000391-12-5	47
3	2-Octenal, (E)-	126	C8H14O	002548-87-0	47
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
5	Cyclopentanone, 3-methyl-2-(2-pe...	166	C11H18O	007051-39-0	46



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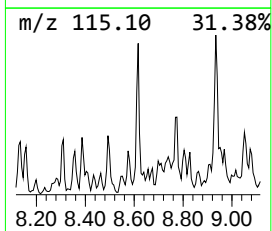
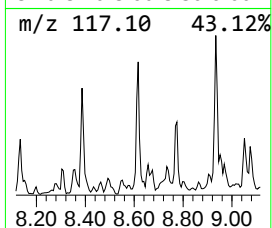
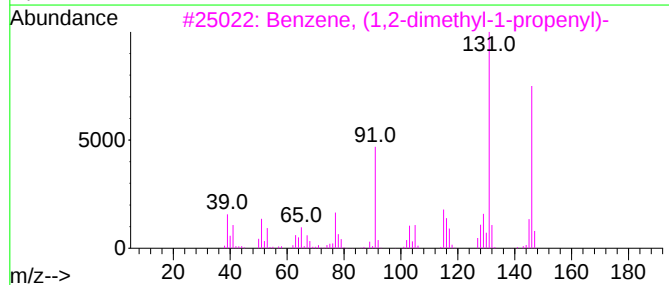
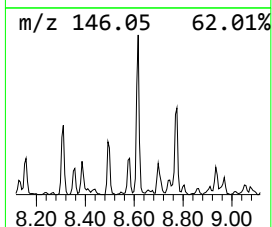
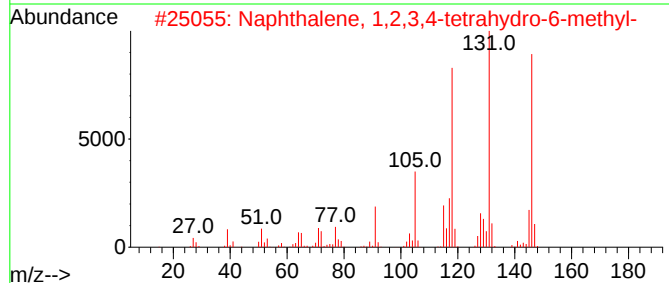
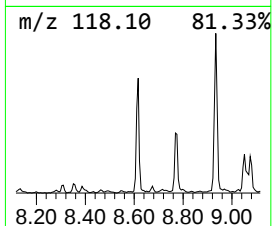
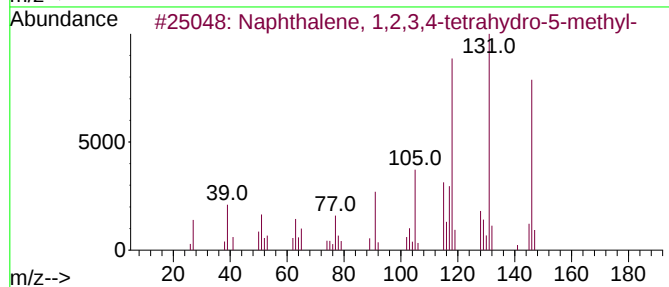
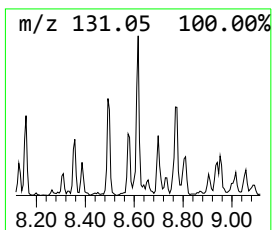
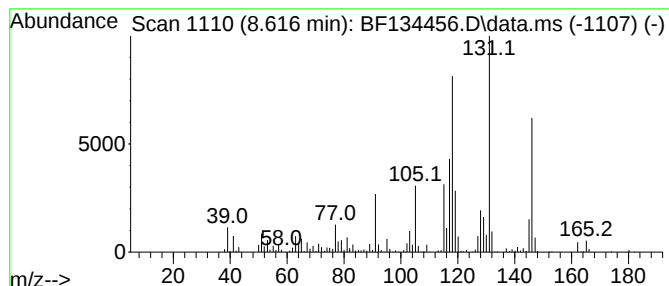
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.616	18.09 ng	439550	Naphthalene-d8	8.110	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	53



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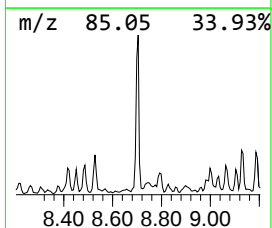
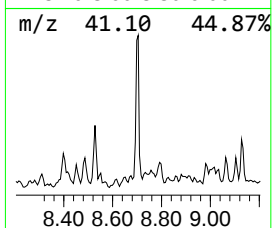
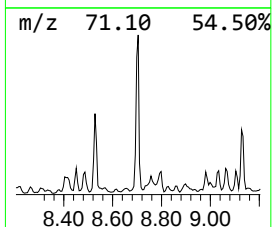
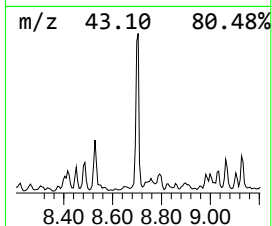
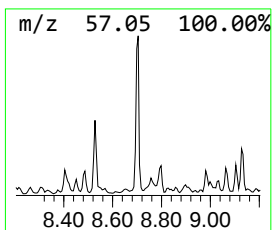
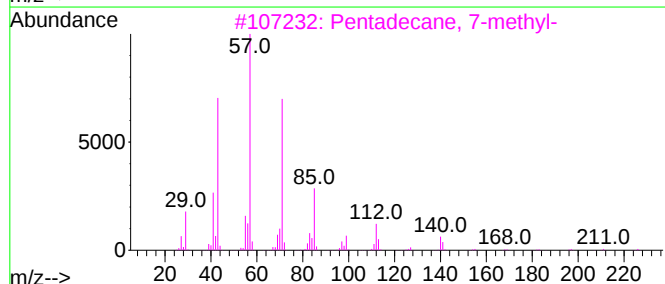
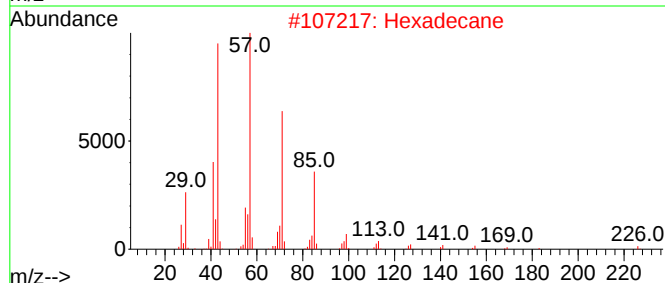
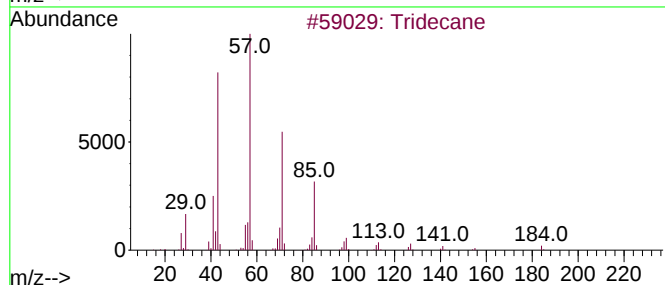
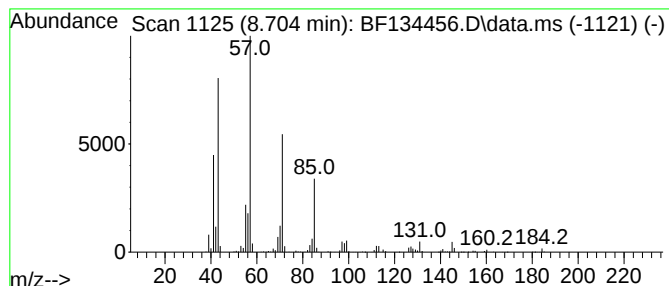
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	53.20 ng	1292790	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	80
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4			Tetradecane	198	C14H30	000629-59-4	72
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



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BNA_F
ClientSampleId :
HR-2-071823

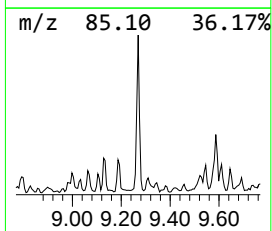
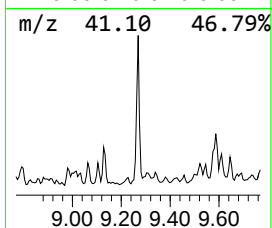
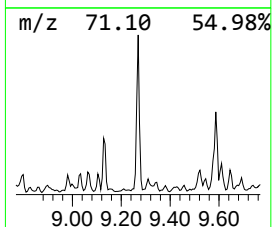
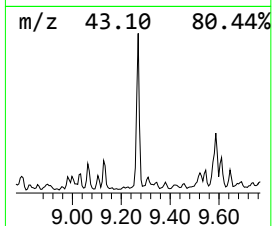
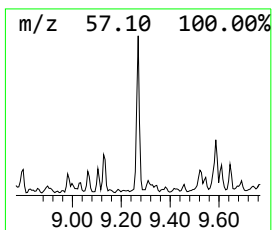
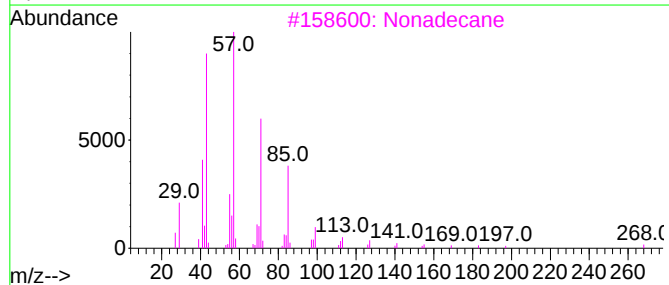
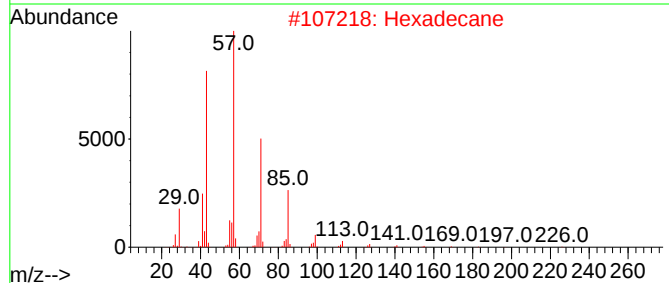
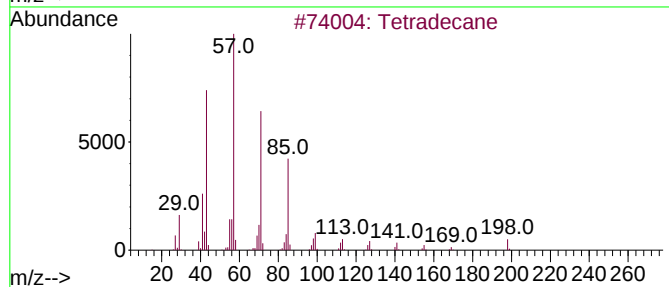
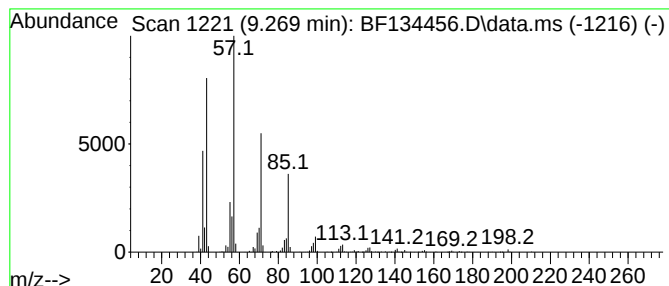
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	55.62 ng	1437660	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Pentadecane	212	C15H32	000629-62-9	86
5			Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

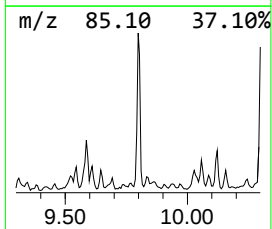
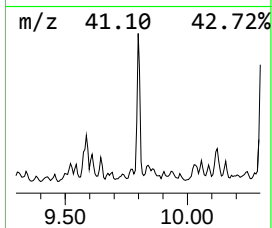
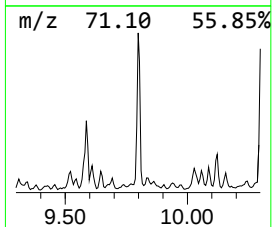
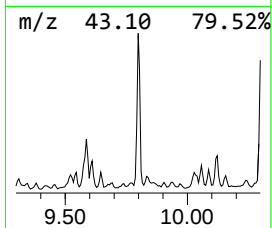
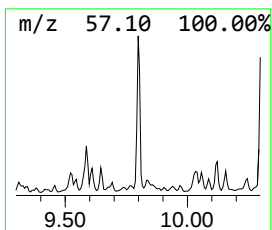
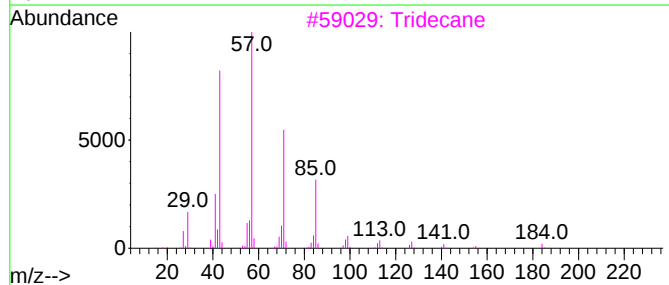
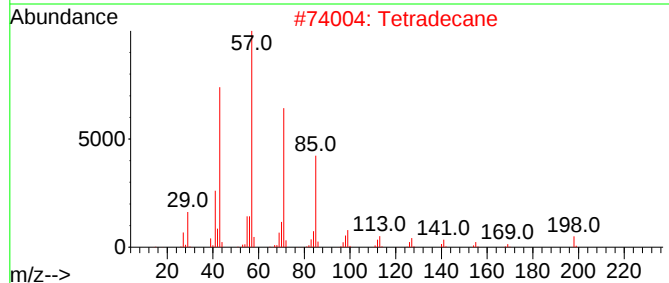
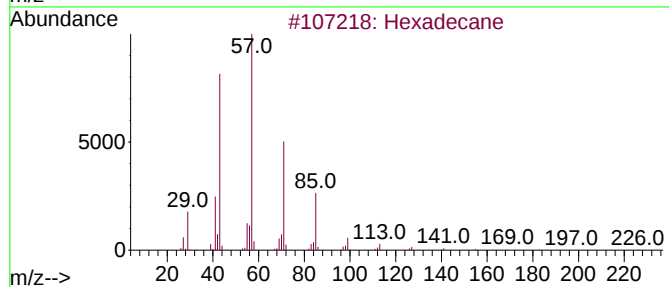
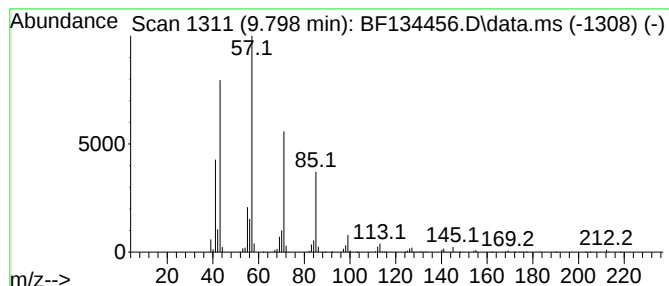
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	59.93 ng	1549080	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
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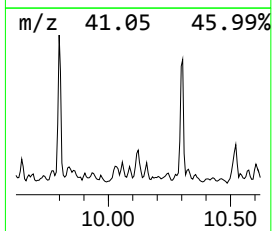
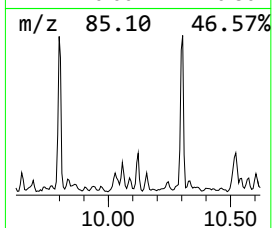
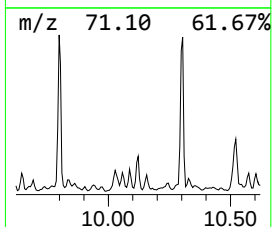
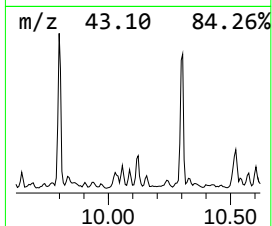
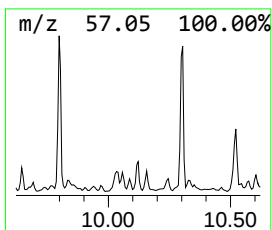
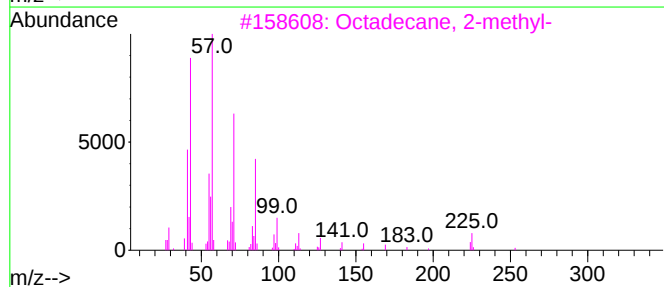
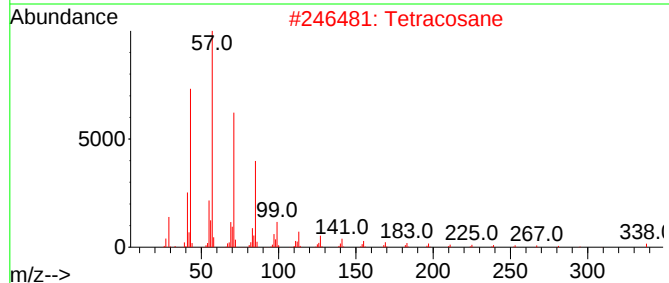
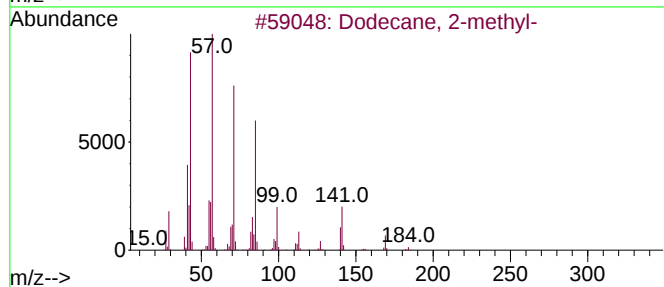
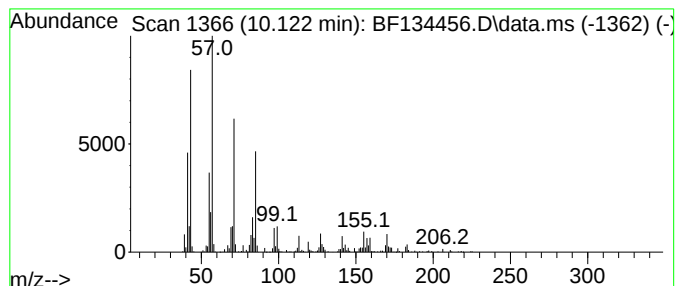
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.122	19.79 ng	511450	Acenaphthene-d10	9.869	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
2	Tetracosane	338	C24H50	000646-31-1	83
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
5	Pentadecane	212	C15H32	000629-62-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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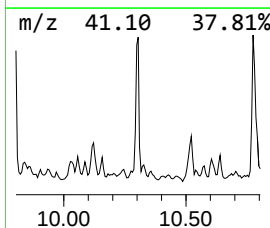
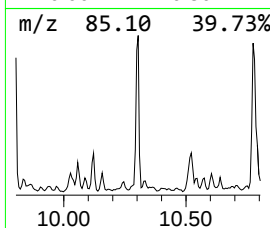
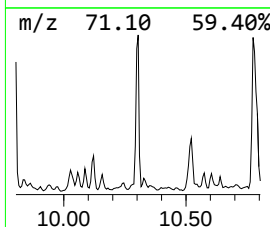
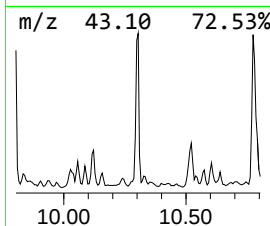
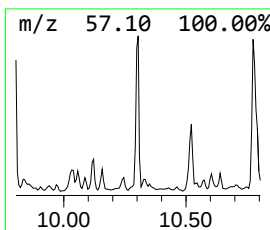
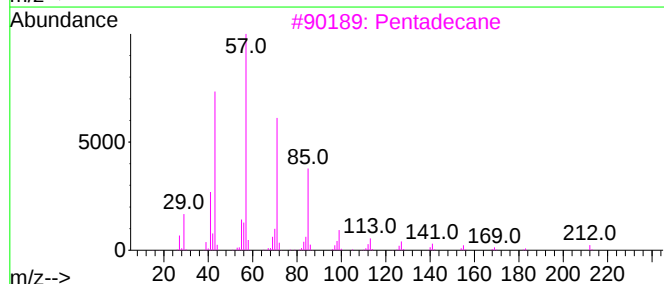
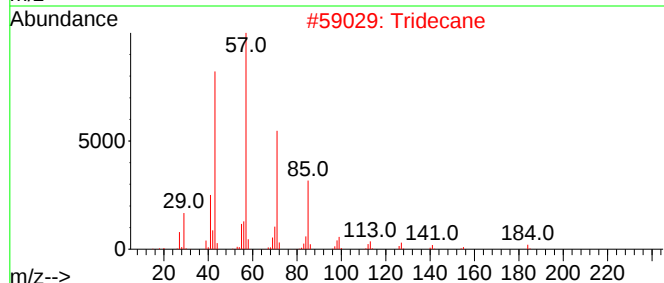
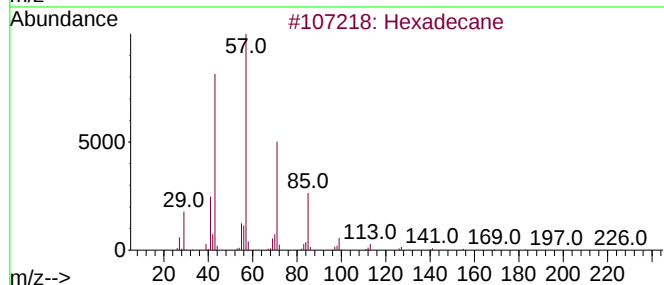
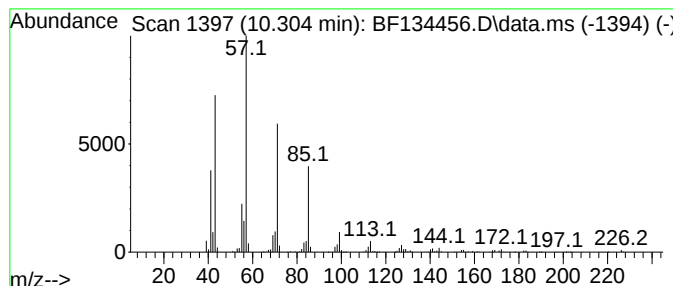
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	56.15 ng	1451390	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Tridecane	184	C13H28	000629-50-5	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	86
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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Sample : 03659-01
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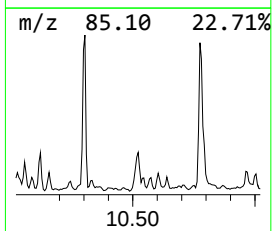
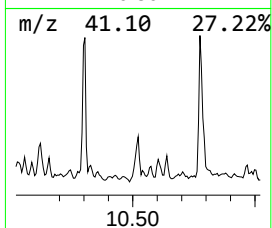
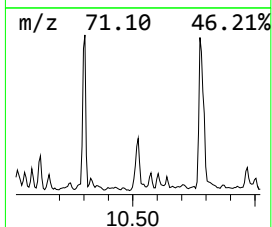
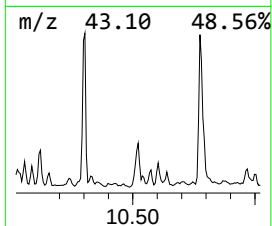
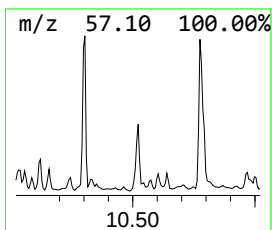
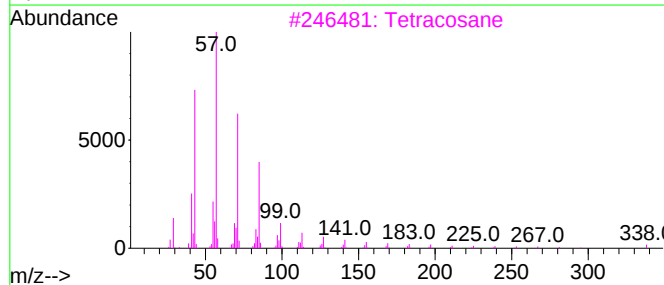
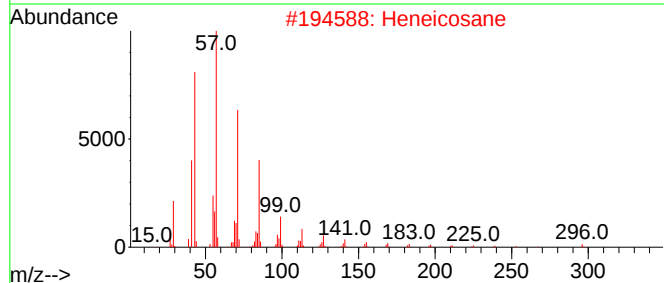
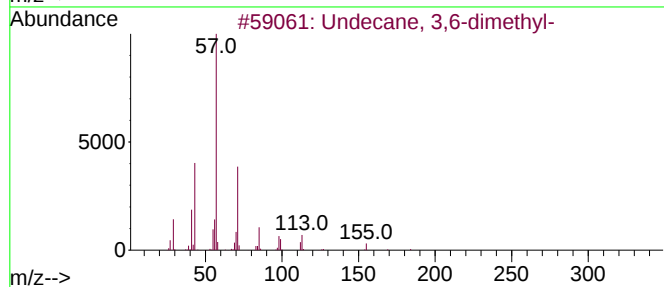
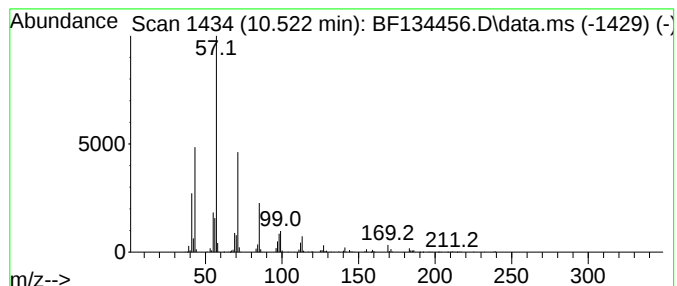
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.522	26.55 ng	686305	Acenaphthene-d10		9.869	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	90
2	Heneicosane		296	C21H44	000629-94-7	80
3	Tetracosane		338	C24H50	000646-31-1	72
4	Heptadecane		240	C17H36	000629-78-7	72
5	Octacosane		394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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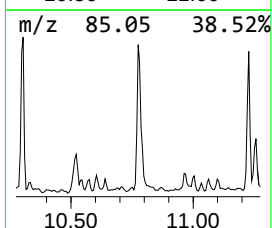
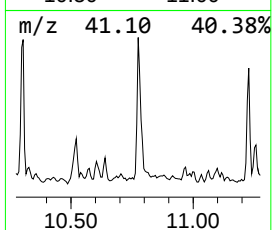
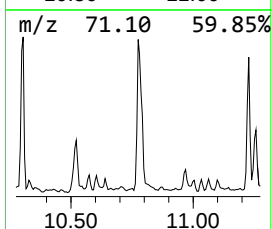
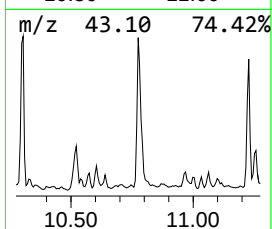
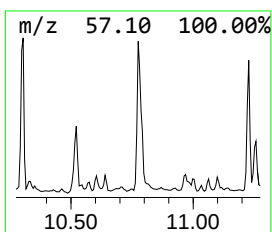
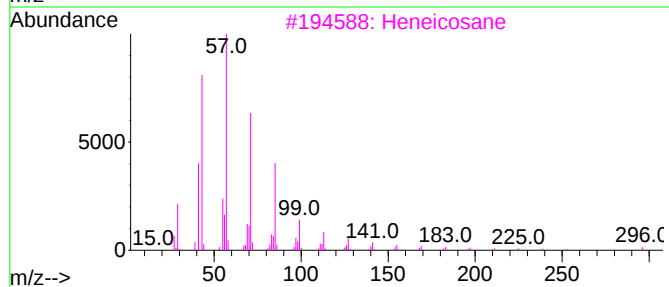
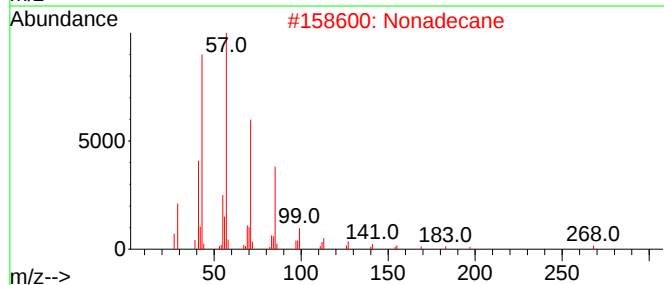
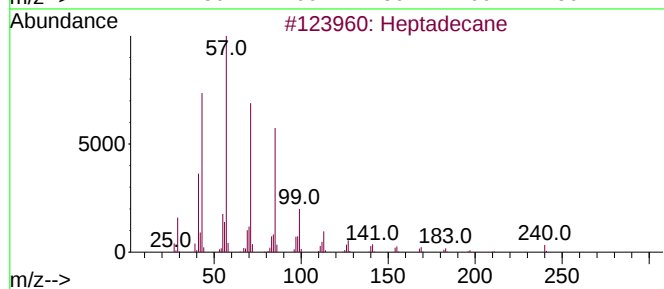
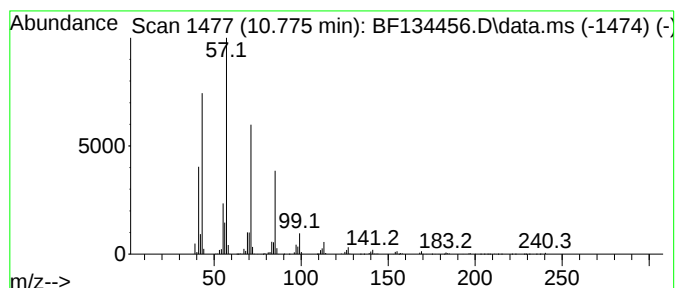
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	71.96 ng	2032450	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	97
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
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Sample : 03659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

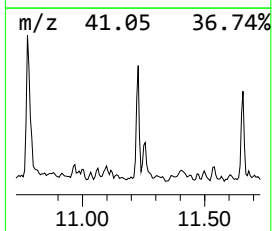
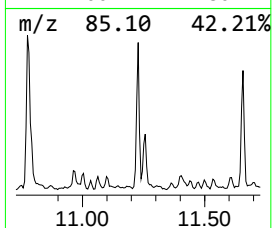
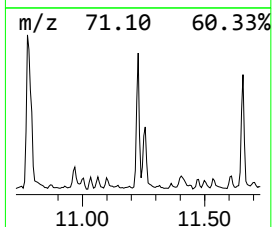
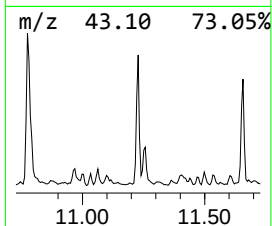
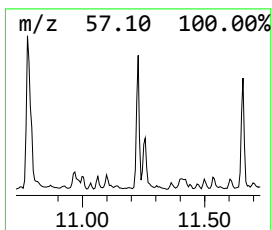
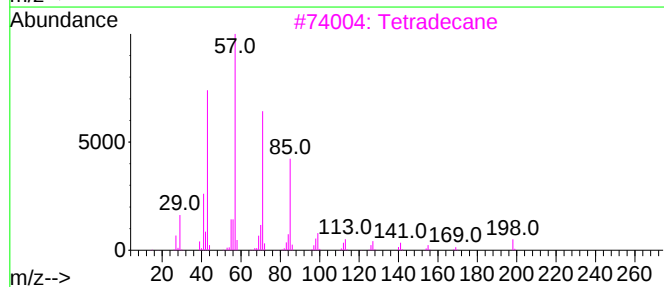
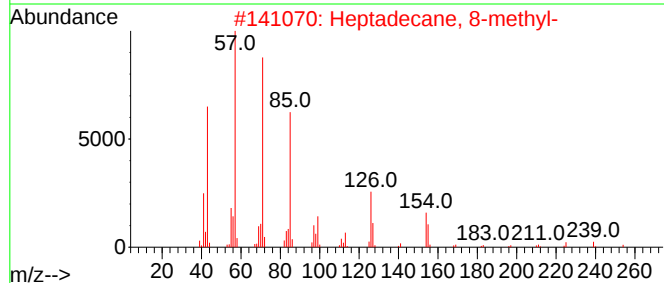
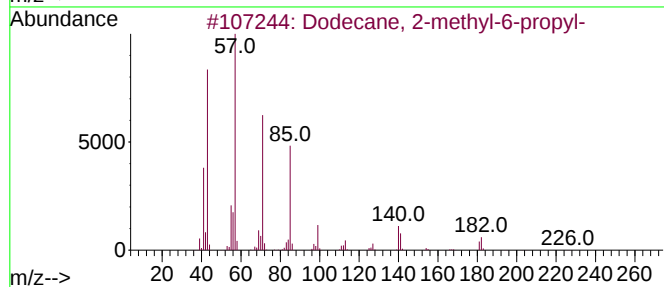
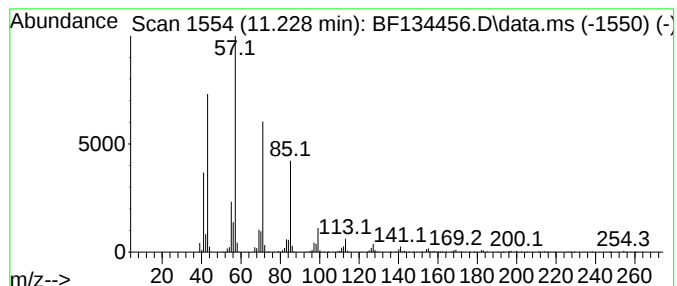
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.228	43.26 ng	1221750	Phenanthrene-d10	11.369	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
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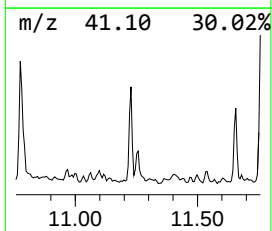
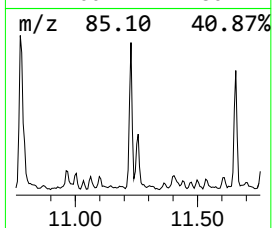
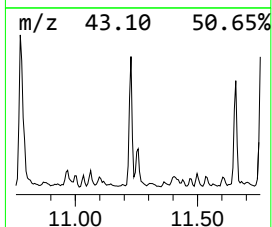
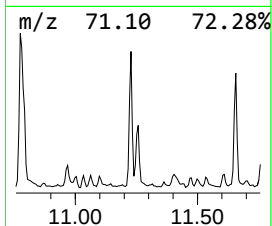
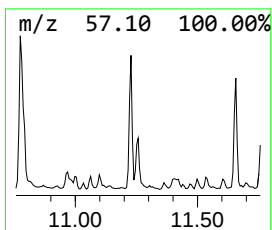
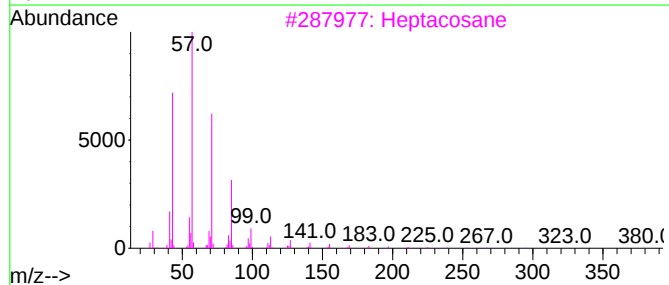
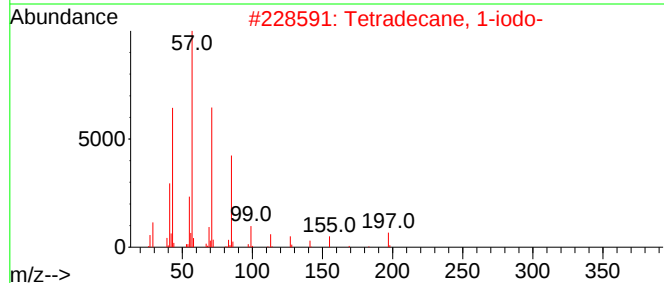
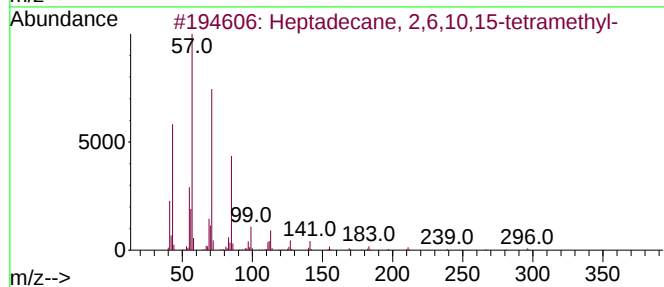
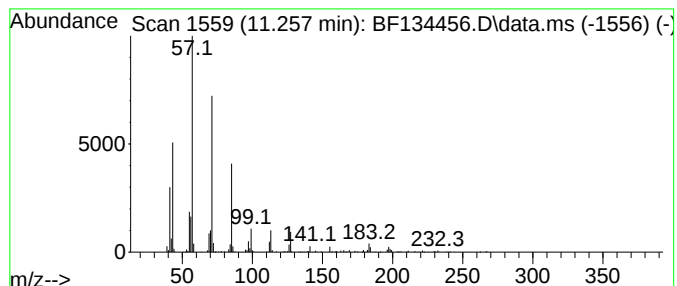
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ClientSampleId :
HR-2-071823

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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 Heptadecane, 2,6,10,15-tetr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.257	23.99 ng	677615	Phenanthrene-d10		11.369	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
2	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86
3	Heptacosane		380	C27H56	000593-49-7	86
4	Hexadecane, 2-methyl-		240	C17H36	001560-92-5	83
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-071823

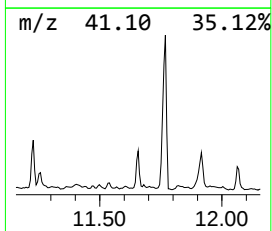
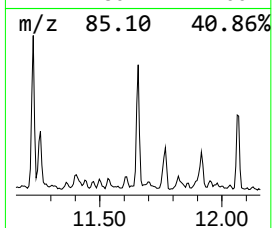
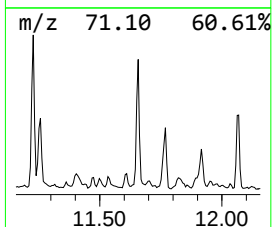
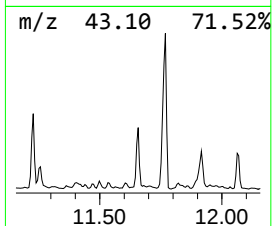
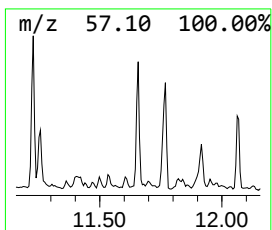
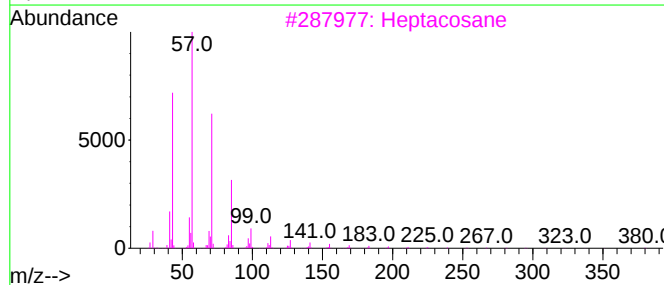
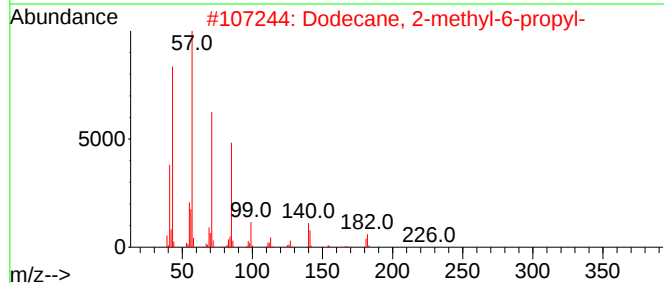
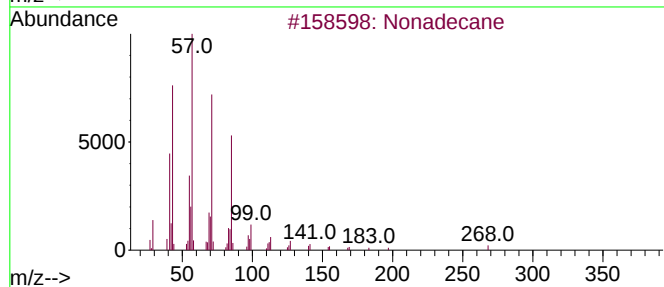
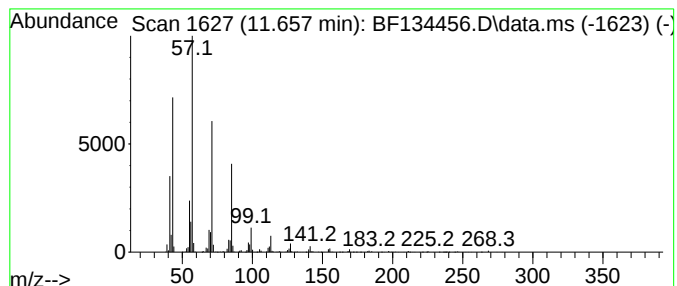
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	34.27 ng	968026	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-2-071823

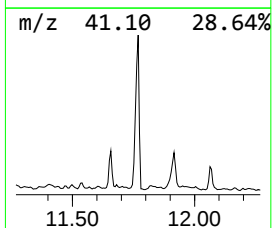
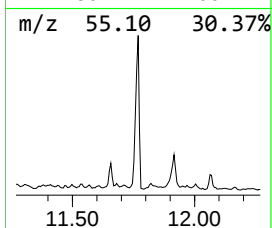
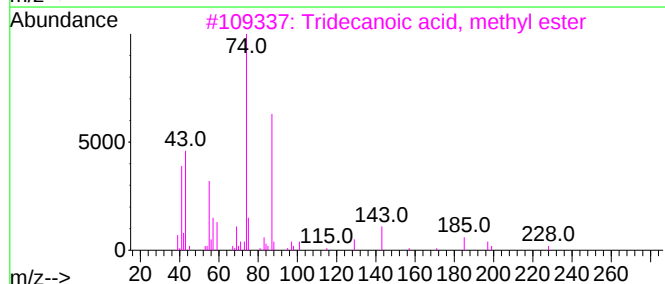
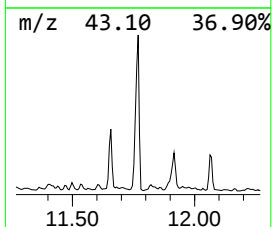
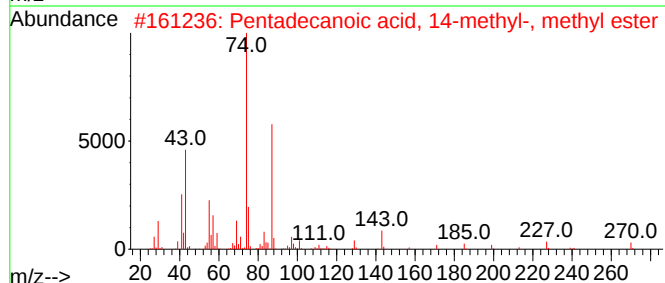
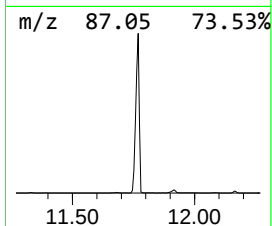
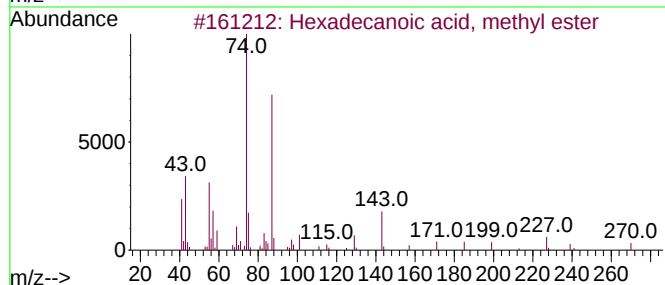
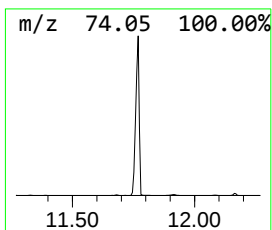
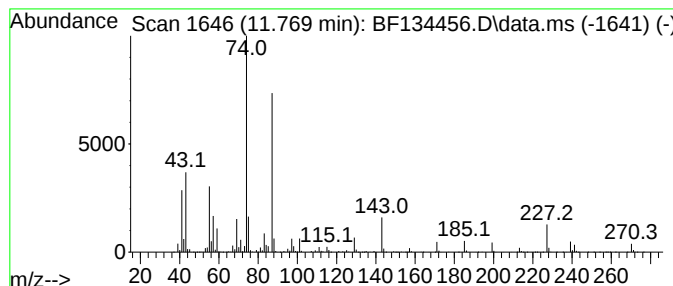
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	229.11 ng	6471040	Phenanthrene-d10	11.369

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	92
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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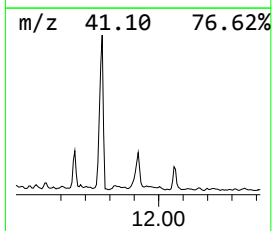
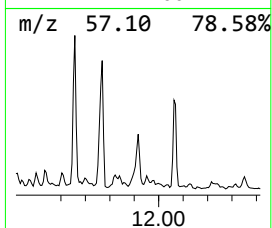
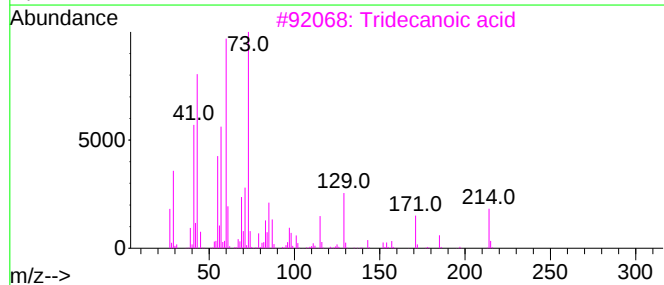
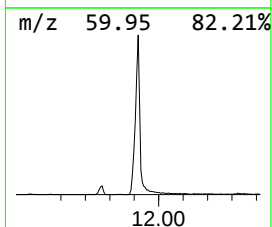
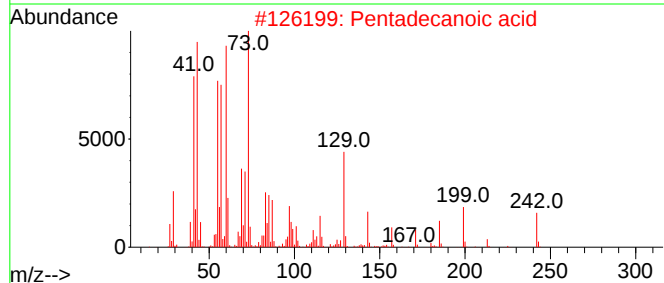
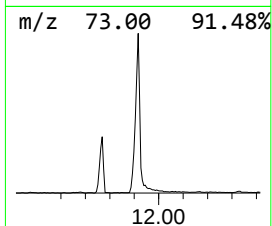
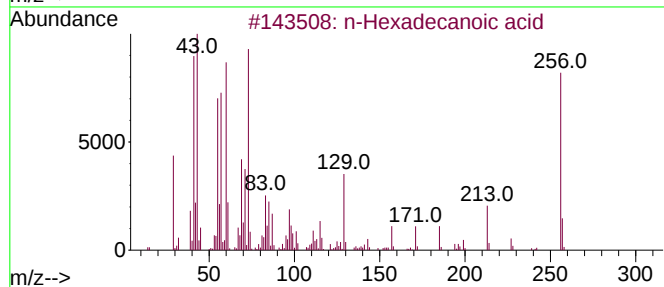
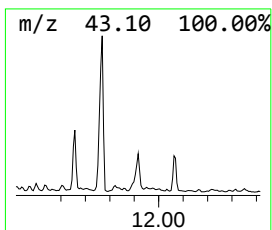
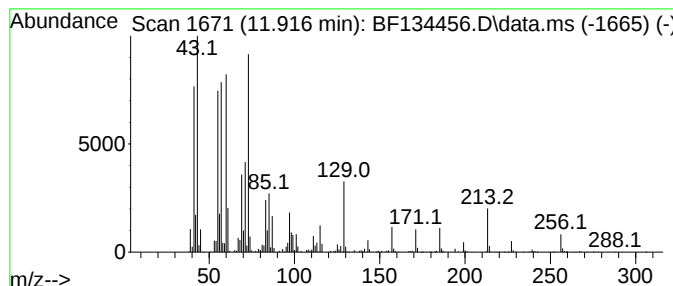
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	48.78 ng	1377670	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		Tridecanoic acid	214	C13H26O2	000638-53-9	70
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5		Octanoic acid	144	C8H16O2	000124-07-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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Sample : 03659-01
Misc :
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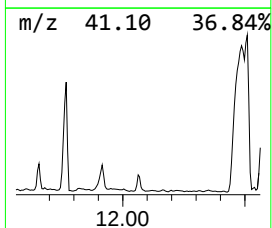
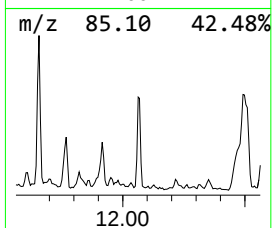
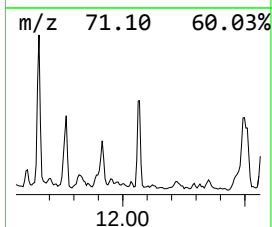
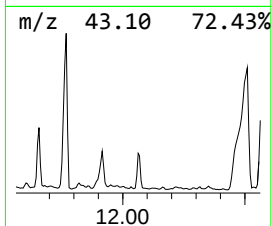
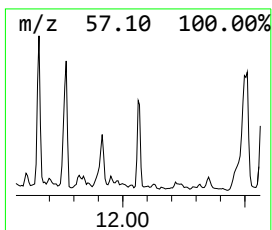
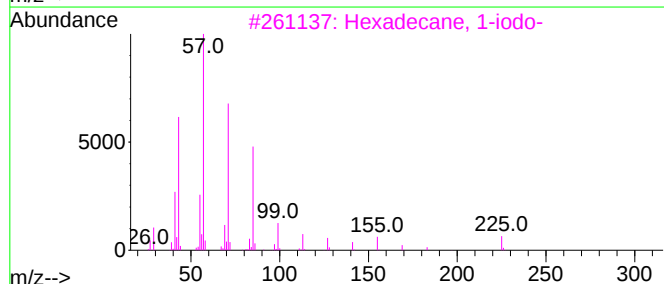
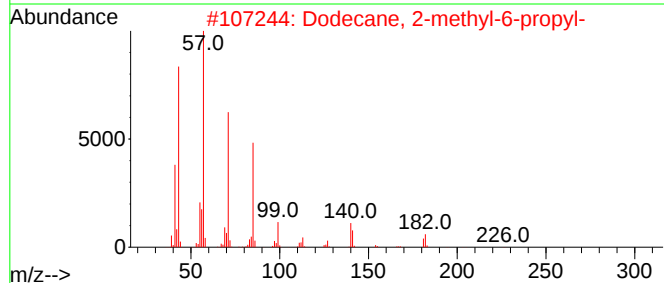
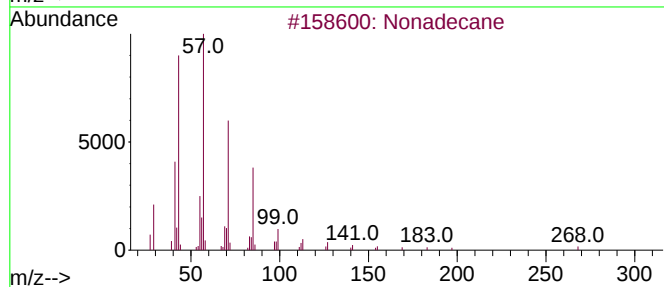
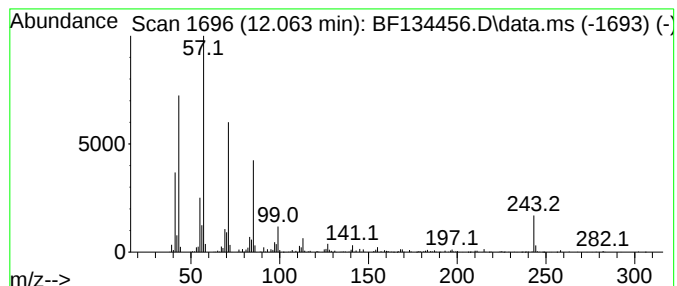
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.063	28.84 ng	814464	Phenanthrene-d10		11.369	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	90
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	87
3	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	83
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	83
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
HR-2-071823

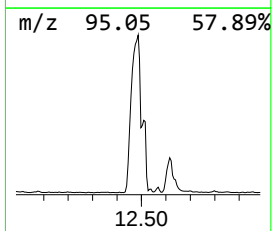
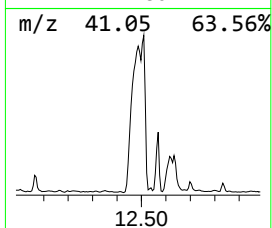
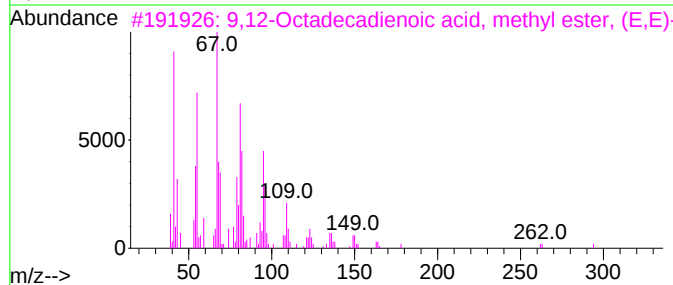
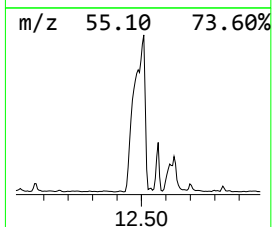
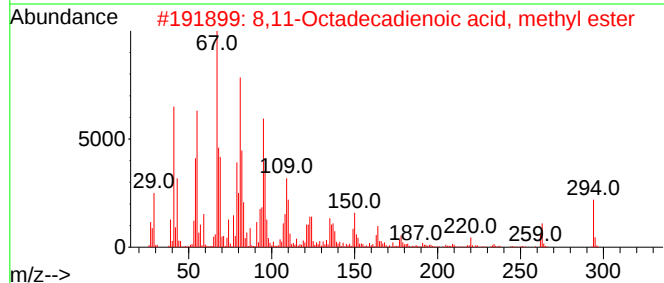
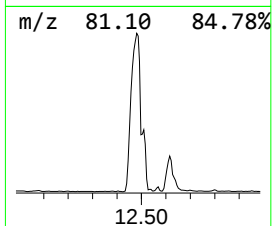
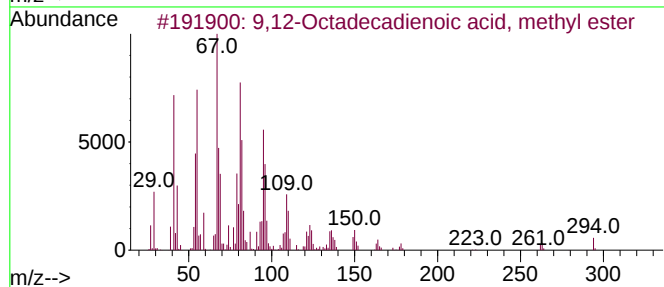
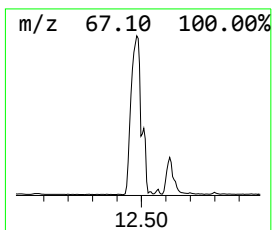
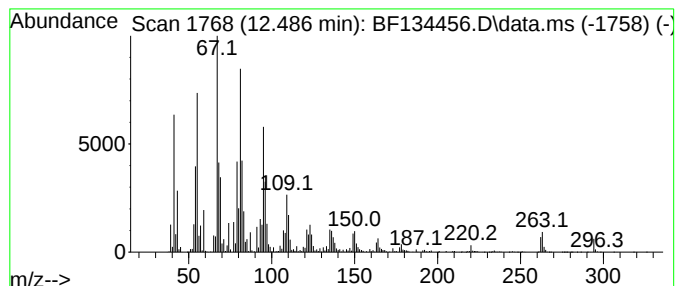
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	858.66 ng	24252700	Phenanthrene-d10	11.369

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	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99		
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
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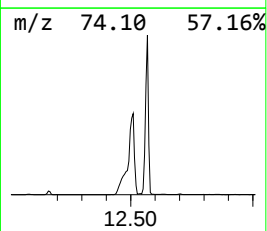
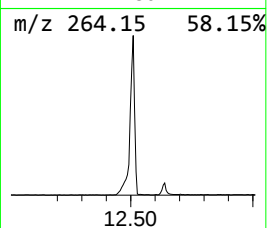
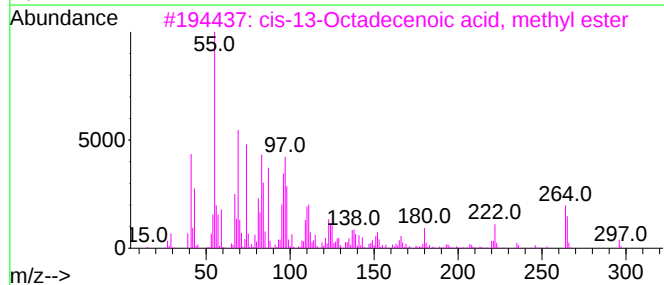
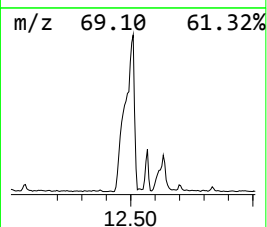
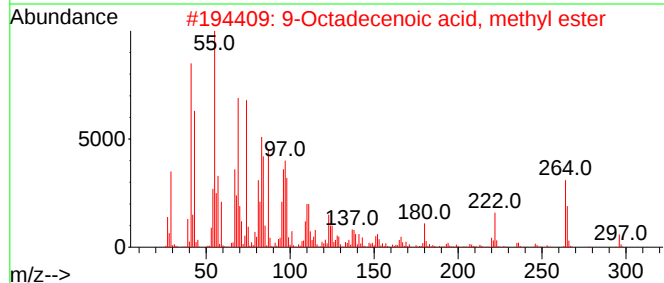
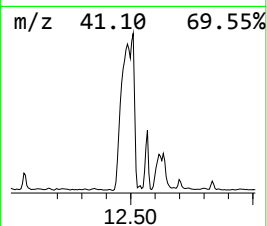
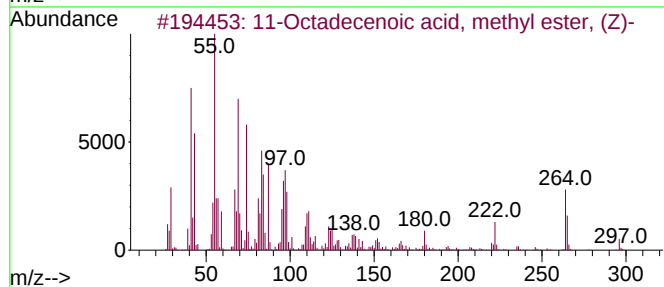
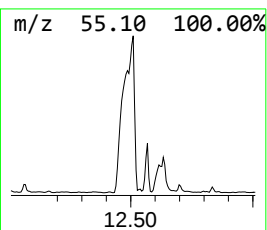
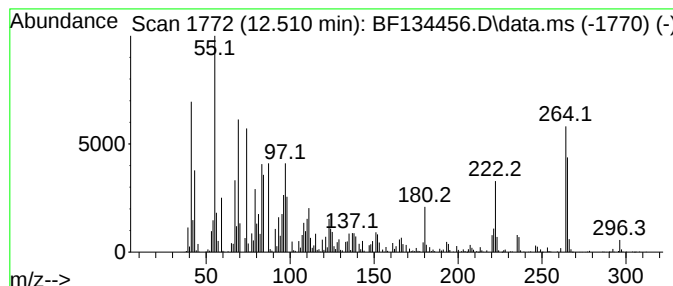
Instrument :
BNA_F
ClientSampleId :
HR-2-071823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.510	319.76 ng	9031490	Phenanthrene-d10		11.369	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...		296	C19H36O2	001937-63-9	99
2	9-Octadecenoic acid, methyl ester		296	C19H36O2	002462-84-2	99
3	cis-13-Octadecenoic acid, methyl...		296	C19H36O2	1010333-58-3	98
4	8-Octadecenoic acid, methyl ester		296	C19H36O2	002345-29-1	97
5	9-Octadecenoic acid, methyl este...		296	C19H36O2	001937-62-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

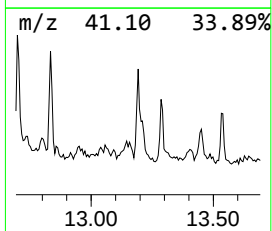
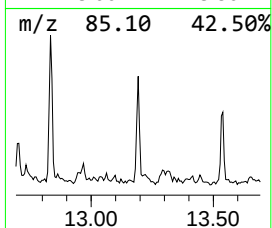
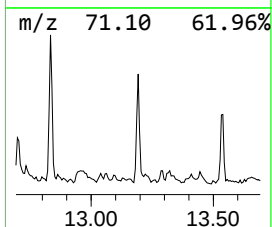
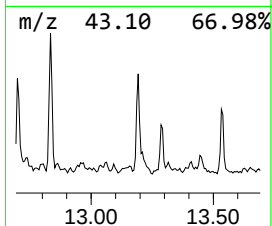
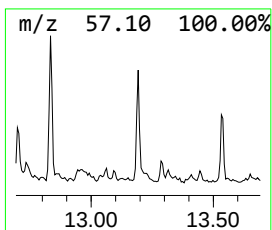
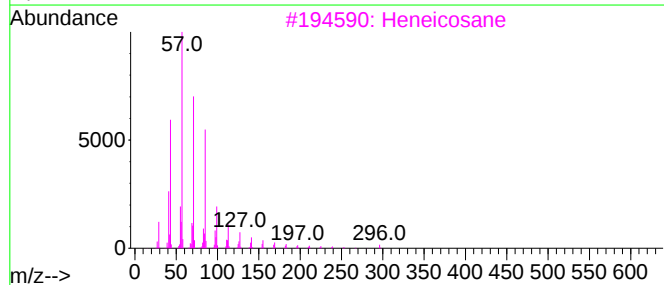
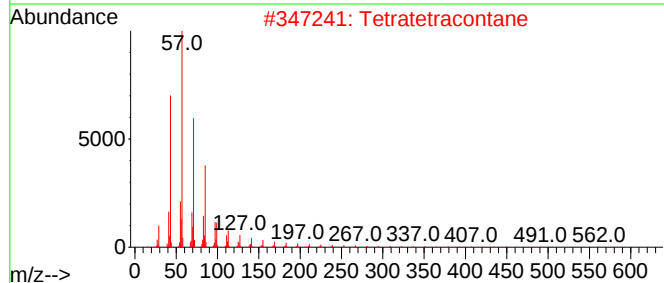
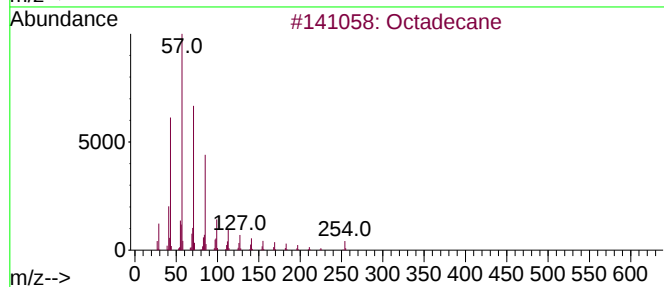
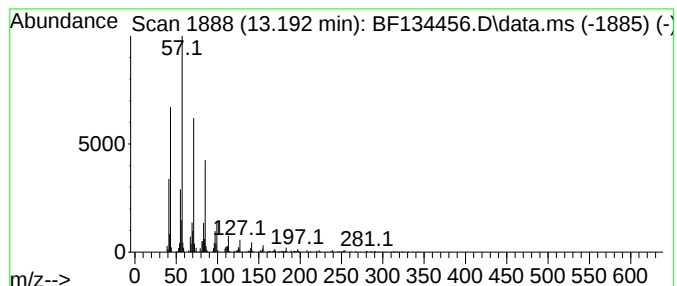
Instrument :
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ClientSampleId :
HR-2-071823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.192	23.29 ng	380237	Chrysene-d12		14.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	95
2	Tetratetracontane		619	C44H90	007098-22-8	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Hexacosane		366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134456.D
Acq On : 25 Jul 2023 05:47
Operator : CG\JU
Sample : 03659-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

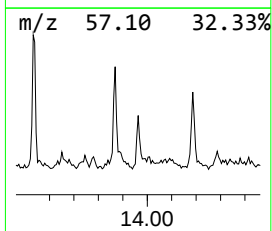
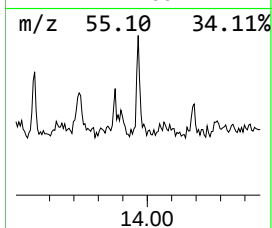
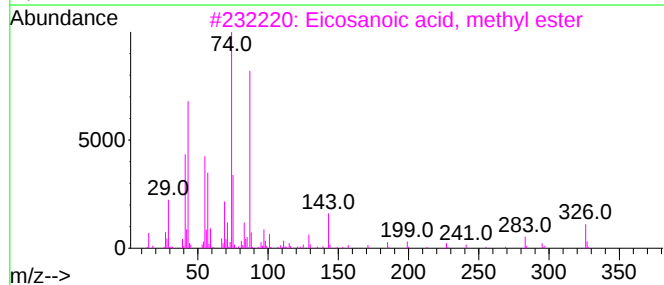
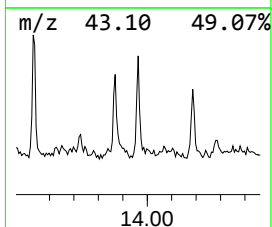
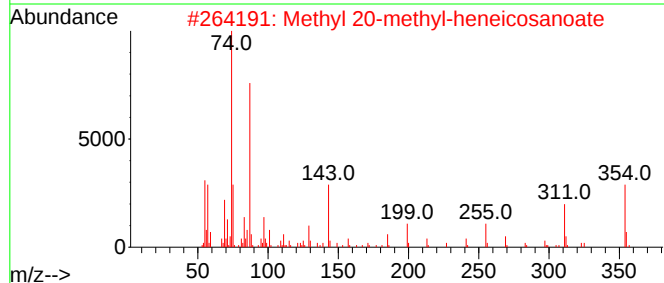
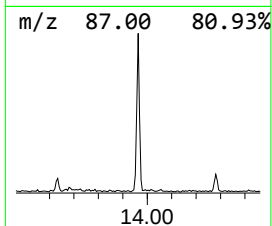
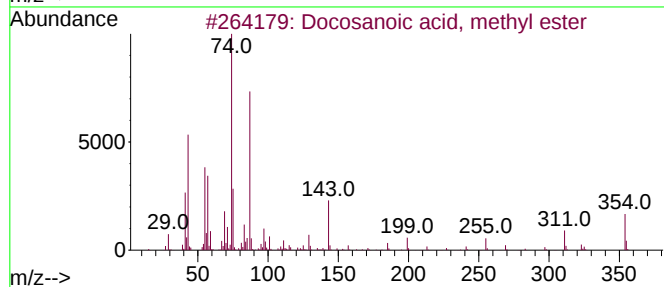
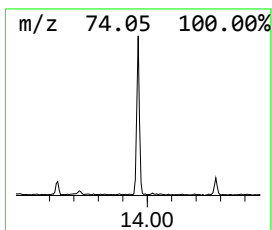
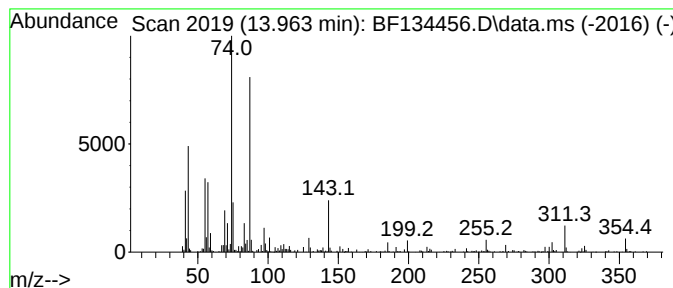
Instrument :
BNA_F
ClientSampleId :
HR-2-071823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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.	
13.963	20.00 ng	326487	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	90
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90
4	Methyl stearate	298	C19H38O2	000112-61-8	87
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134456.D
 Acq On : 25 Jul 2023 05:47
 Operator : CG\JU
 Sample : 03659-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-071823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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
Undecane, 2,6-d...	8.169	21.6	ng	525545	2	8.110	485969	20.0
Cyclopentane, 1...	8.398	24.5	ng	595682	2	8.110	485969	20.0
Naphthalene, 1,...	8.616	18.1	ng	439550	2	8.110	485969	20.0
Tridecane	8.704	53.2	ng	1292790	2	8.110	485969	20.0
Tetradecane	9.269	55.6	ng	1437660	3	9.869	516931	20.0
Hexadecane	9.798	59.9	ng	1549080	3	9.869	516931	20.0
Dodecane, 2-met...	10.122	19.8	ng	511450	3	9.869	516931	20.0
Pentadecane	10.304	56.1	ng	1451390	3	9.869	516931	20.0
Undecane, 3,6-d...	10.522	26.6	ng	686305	3	9.869	516931	20.0
Heptadecane	10.775	72.0	ng	2032450	4	11.369	564894	20.0
Dodecane, 2-met...	11.228	43.3	ng	1221750	4	11.369	564894	20.0
Heptadecane, 2,...	11.257	24.0	ng	677615	4	11.369	564894	20.0
Nonadecane	11.657	34.3	ng	968026	4	11.369	564894	20.0
Hexadecanoic ac...	11.769	229.1	ng	6471040	4	11.369	564894	20.0
n-Hexadecanoic ...	11.916	48.8	ng	1377670	4	11.369	564894	20.0
Hexadecane, 1-i...	12.063	28.8	ng	814464	4	11.369	564894	20.0
9,12-Octadecadi...	12.486	858.7	ng	24252700	4	11.369	564894	20.0
11-Octadecenoic...	12.510	319.8	ng	9031490	4	11.369	564894	20.0
Octadecane	13.192	23.3	ng	380237	5	14.033	326487	20.0
Docosanoic acid...	13.963	20.0	ng	326487	5	14.033	326487	20.0