

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134457.D
 Acq On : 25 Jul 2023 06:19
 Operator : CG\JU
 Sample : 03659-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-3-071823

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: BF134457.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	1293987	1220612	3.31%	1.355%
2	6.475	742	746	752	rBV	1214949	1197004	3.24%	1.329%
3	6.834	804	807	810	rBV2	471871	379419	1.03%	0.421%
4	7.398	900	903	905	rVV	1109878	923728	2.50%	1.026%
5	7.422	905	907	910	rVB	784273	566475	1.53%	0.629%
6	8.092	1018	1021	1023	rVV	1508796	1269718	3.44%	1.410%
7	8.116	1023	1025	1030	rVV	670641	648501	1.76%	0.720%
8	8.169	1030	1034	1036	rVB2	485434	529540	1.43%	0.588%
9	8.404	1069	1074	1080	rVV5	468419	703207	1.90%	0.781%
10	8.486	1086	1088	1092	rBV3	299150	375503	1.02%	0.417%
11	8.528	1092	1095	1097	rBV2	457443	373056	1.01%	0.414%
12	8.616	1107	1110	1113	rBV2	705290	569827	1.54%	0.633%
13	8.704	1122	1125	1128	rBV	1717658	1371999	3.72%	1.523%
14	8.939	1162	1165	1167	rBV	737721	663493	1.80%	0.737%
15	9.063	1183	1186	1191	rVB3	427109	677189	1.83%	0.752%
16	9.133	1195	1198	1200	rBV2	526531	438626	1.19%	0.487%
17	9.192	1205	1208	1212	rBV	1596445	1274420	3.45%	1.415%
18	9.275	1217	1222	1224	rBV	1892795	1908925	5.17%	2.120%
19	9.457	1249	1253	1256	rVB3	257812	384264	1.04%	0.427%
20	9.592	1271	1276	1278	rBV4	776585	927197	2.51%	1.030%
21	9.804	1309	1312	1315	rVB	2017819	1513238	4.10%	1.680%
22	9.875	1321	1324	1327	rVB	502110	431823	1.17%	0.479%
23	10.122	1363	1366	1370	rVV3	503743	633096	1.71%	0.703%
24	10.192	1375	1378	1382	rBV5	204534	396514	1.07%	0.440%
25	10.304	1390	1397	1400	rBV	1967798	1824184	4.94%	2.025%
26	10.522	1429	1434	1440	rVB	608756	869522	2.35%	0.965%
27	10.669	1456	1459	1462	rBV	790957	613710	1.66%	0.681%
28	10.780	1475	1478	1487	rVB	1847988	2150574	5.82%	2.388%
29	11.233	1551	1555	1557	rBV	1498268	1362065	3.69%	1.512%
30	11.257	1557	1559	1565	rVB	617484	669347	1.81%	0.743%
31	11.369	1575	1578	1581	rBV	566885	505473	1.37%	0.561%
32	11.663	1624	1628	1630	rBV	1199411	1096637	2.97%	1.218%
33	11.780	1641	1648	1651	rVB	7889386	10004257	27.09%	11.108%
34	11.933	1666	1674	1676	rBV2	939939	1347614	3.65%	1.496%
35	12.069	1693	1697	1702	rBV2	1271922	1198101	3.24%	1.330%
36	12.516	1759	1773	1774	rBV5	10195871	36930292	100.00%	41.006%

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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-BF072423.M
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37	12.580	1781	1784	1787	rVB	5142966	4835512	13.09%	5.369%
38	12.622	1787	1791	1793	rVV2	1910383	2543461	6.89%	2.824%
39	12.645	1793	1795	1800	rVV2	1522113	1550114	4.20%	1.721%
40	12.839	1825	1828	1831	rBV2	751722	638230	1.73%	0.709%
41	12.980	1848	1852	1854	rVB	903810	828054	2.24%	0.919%
42	13.198	1886	1889	1890	rVV	523555	470110	1.27%	0.522%
43	13.216	1890	1892	1897	rVB3	362842	385323	1.04%	0.428%
44	13.292	1902	1905	1908	rVB	540570	414743	1.12%	0.461%
45	13.963	2016	2019	2023	rBV	447427	446705	1.21%	0.496%

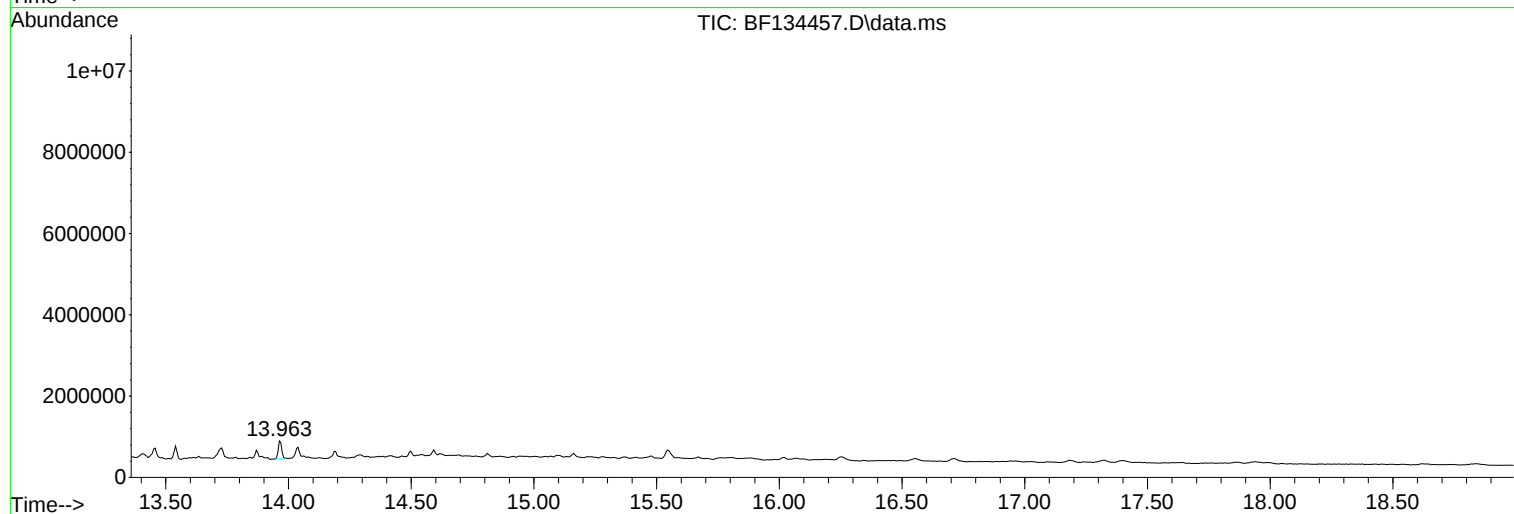
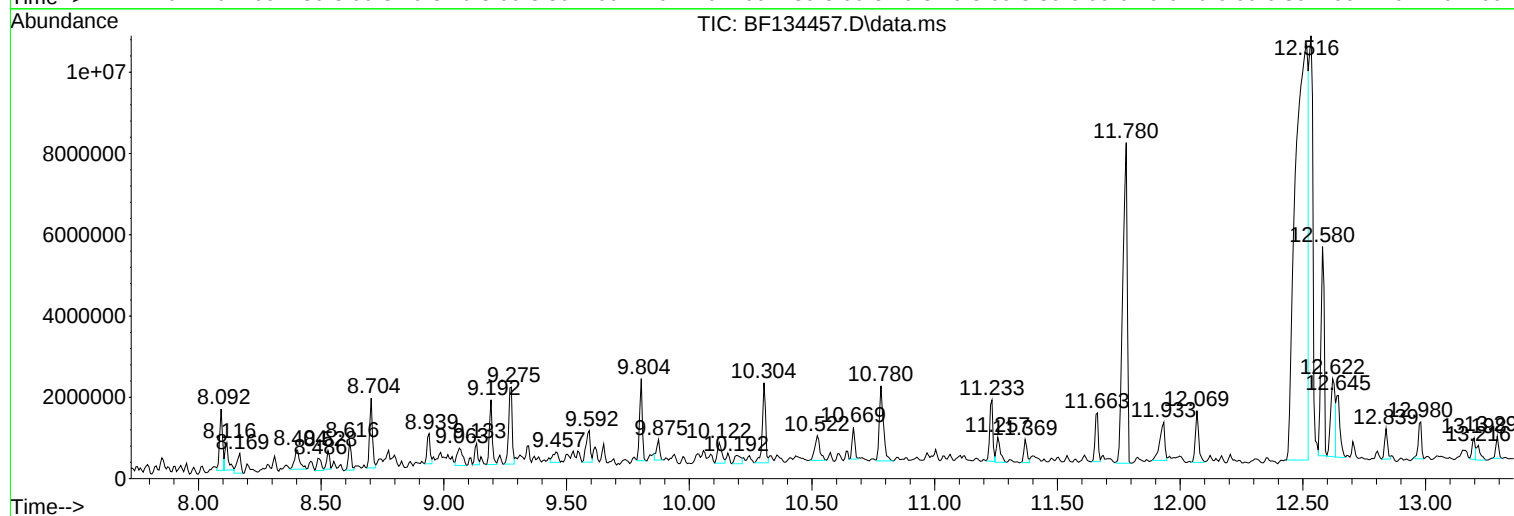
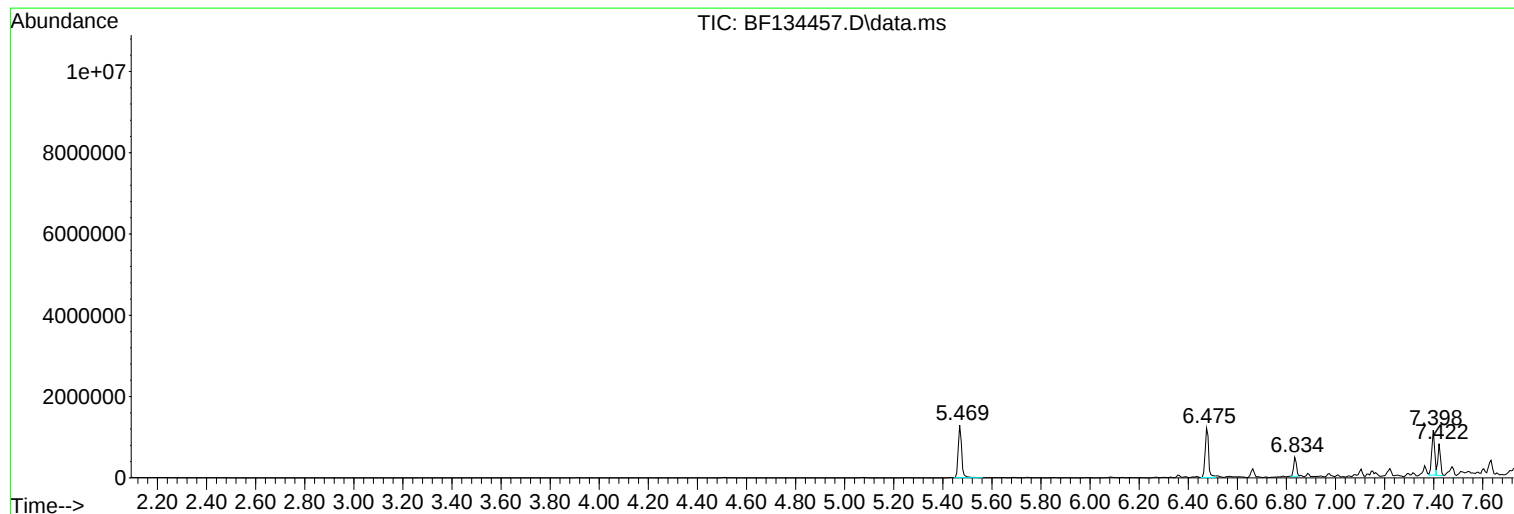
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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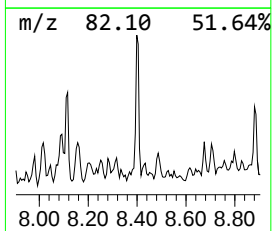
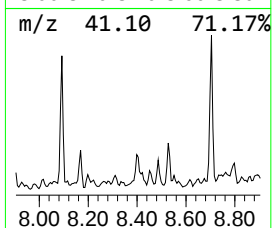
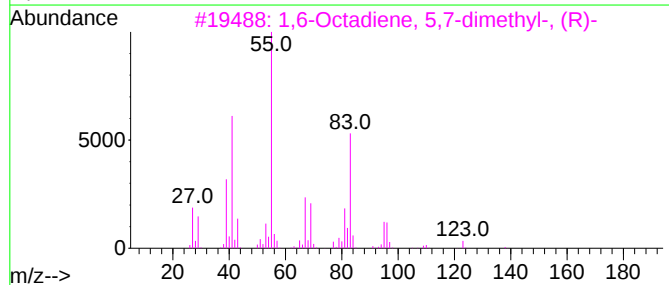
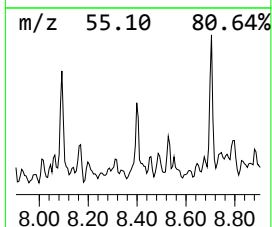
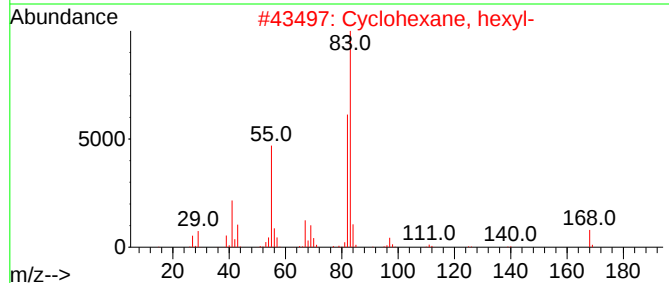
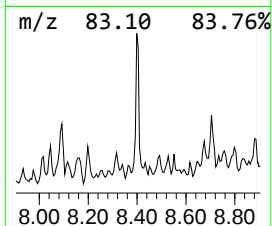
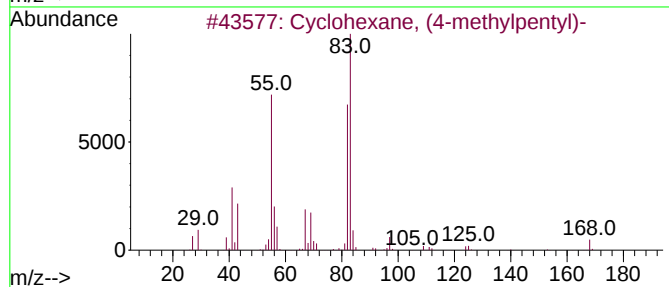
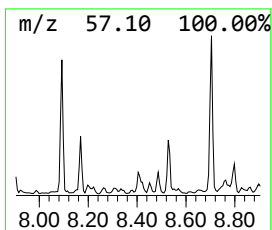
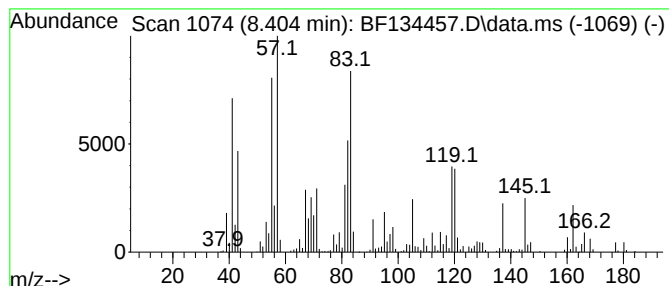
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.404 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.404	21.69 ng	703207	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	30
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	27
3			1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	20
4			3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	20
5			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	20



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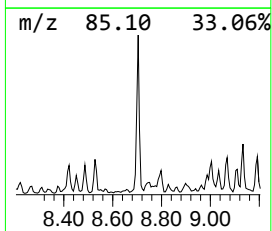
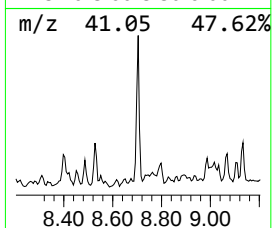
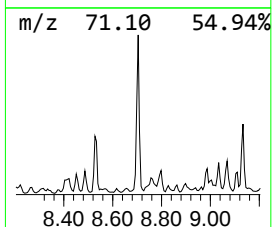
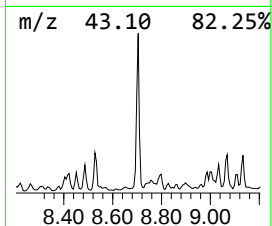
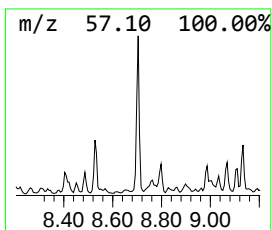
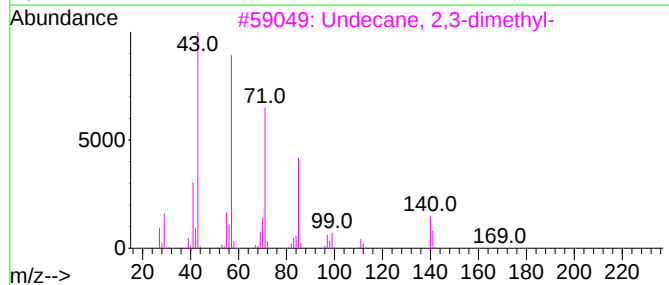
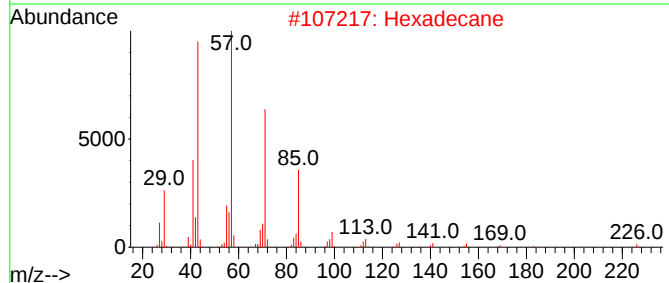
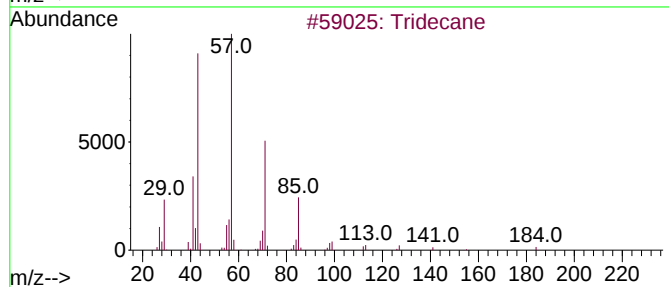
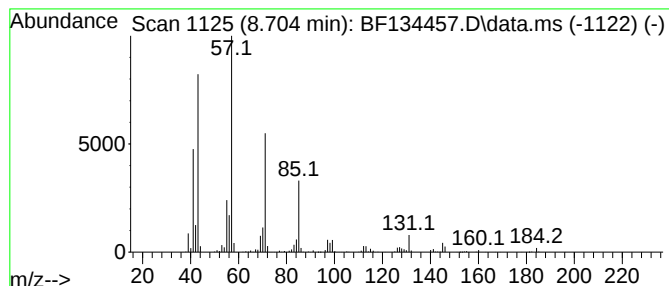
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	42.31 ng	1372000	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Hexadecane	226	C16H34	000544-76-3	83
3		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
4		Tetradecane	198	C14H30	000629-59-4	80
5		Undecane	156	C11H24	001120-21-4	64



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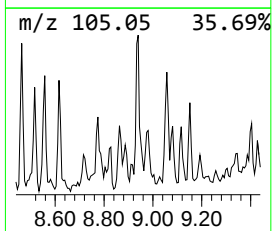
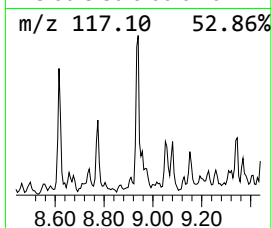
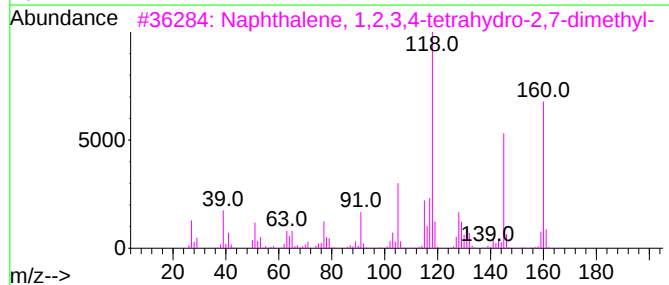
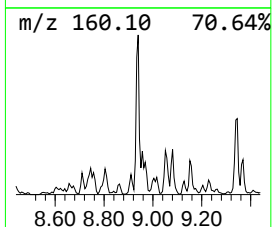
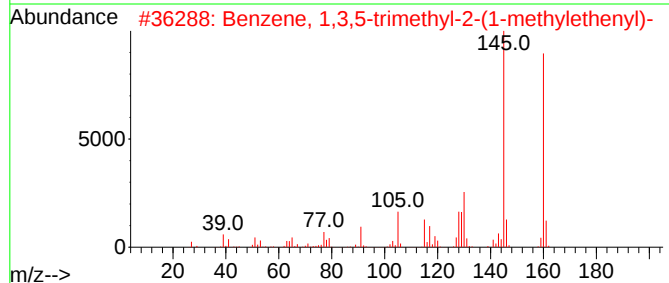
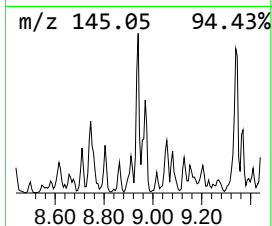
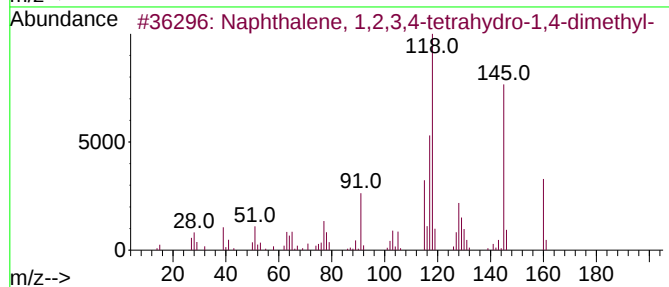
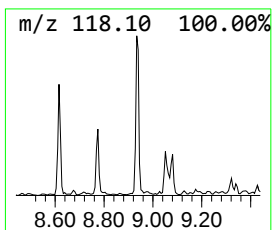
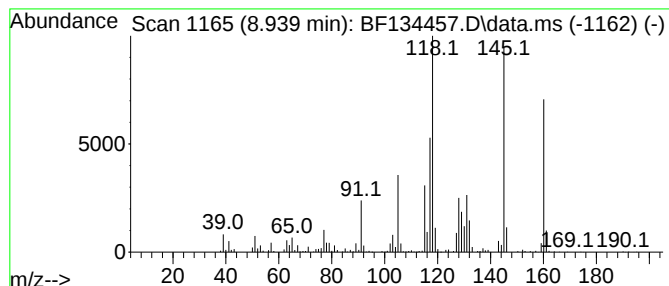
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.939	20.46 ng	663493	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	62



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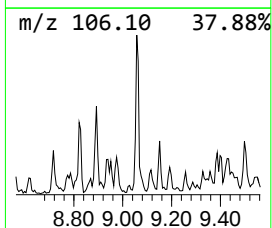
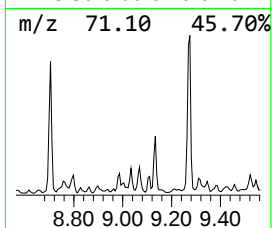
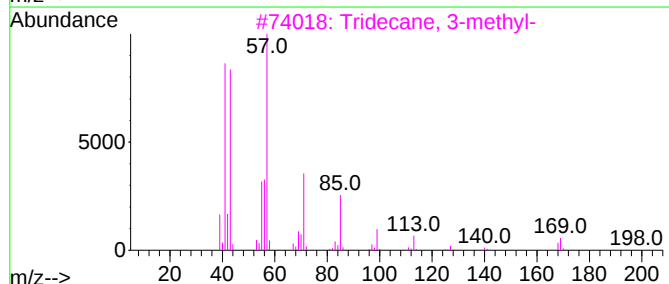
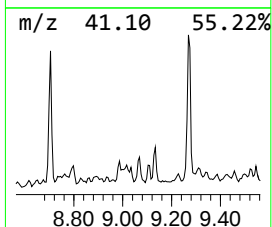
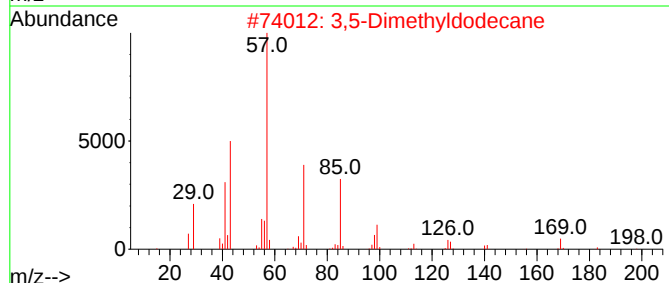
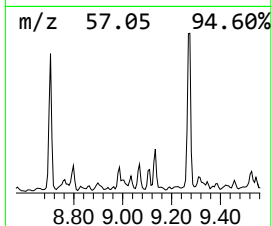
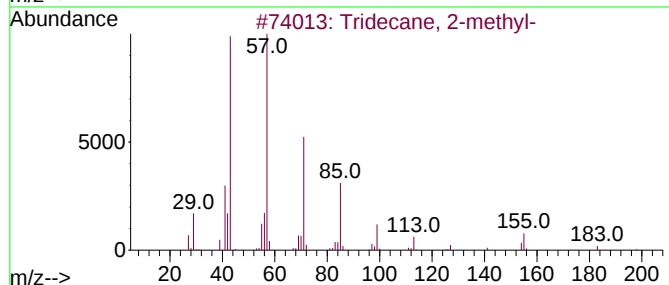
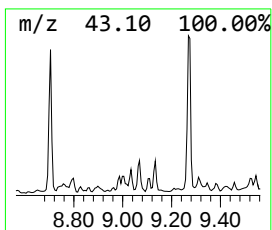
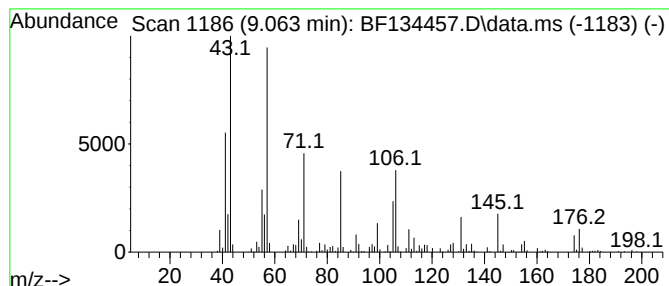
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	31.36 ng	677189	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	50
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	50
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	46
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43
5			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	43



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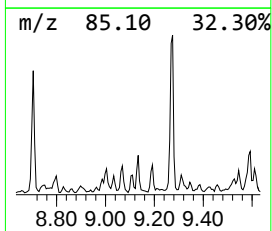
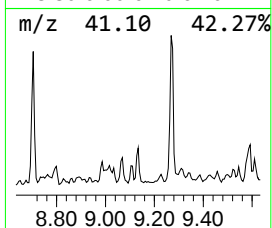
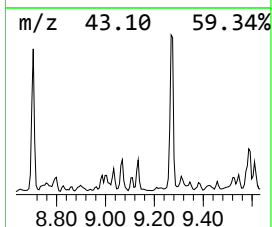
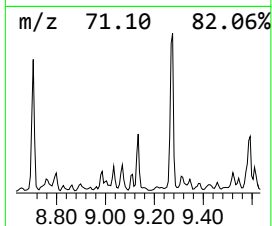
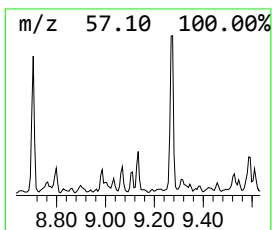
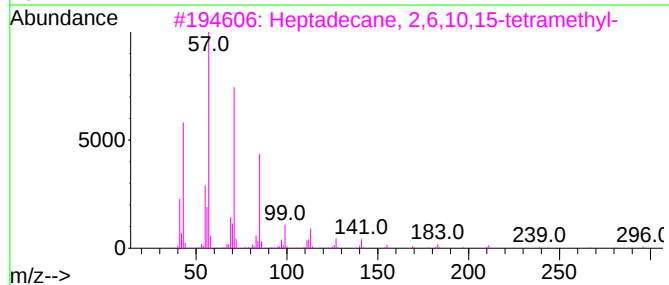
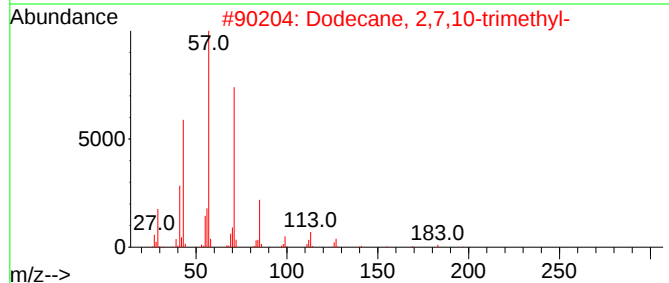
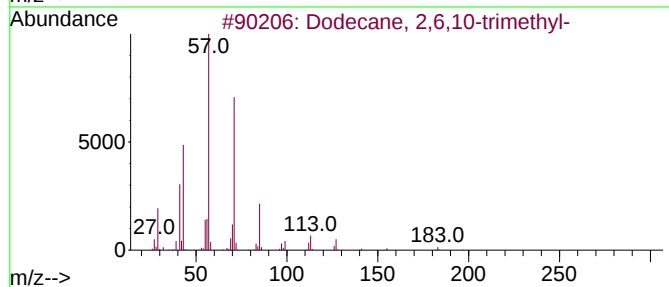
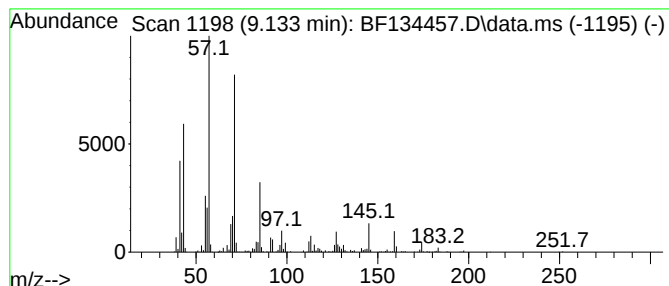
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	20.32 ng	438626	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
4			Heptacosane	380	C27H56	000593-49-7	53
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
Sample : 03659-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-3-071823

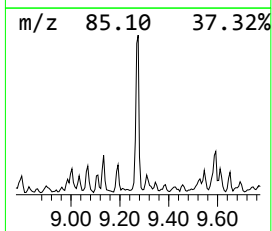
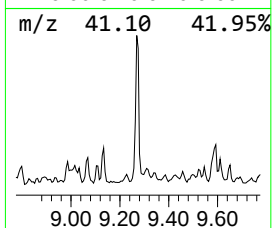
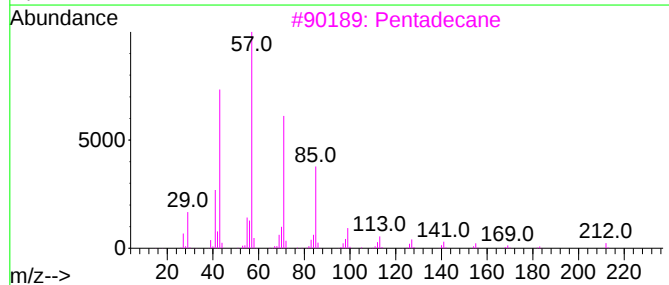
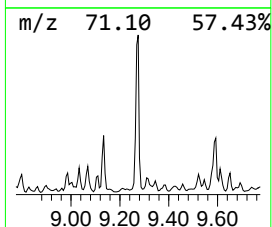
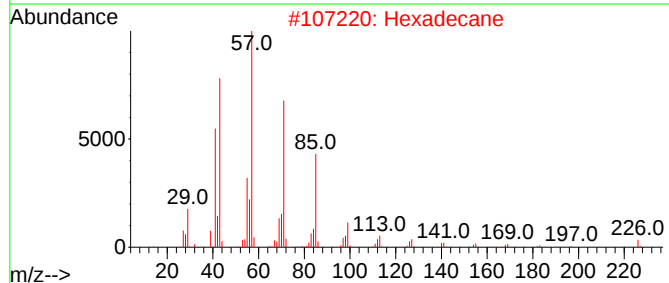
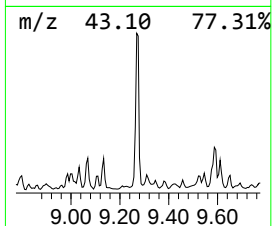
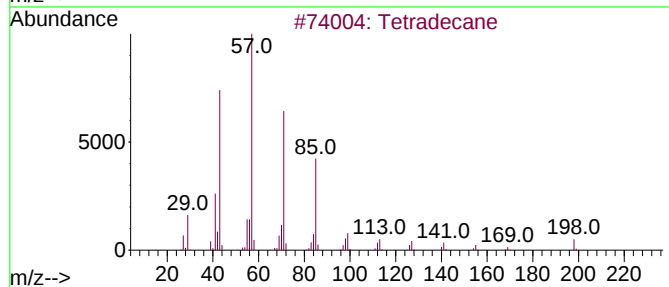
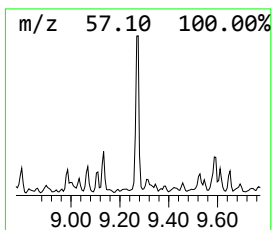
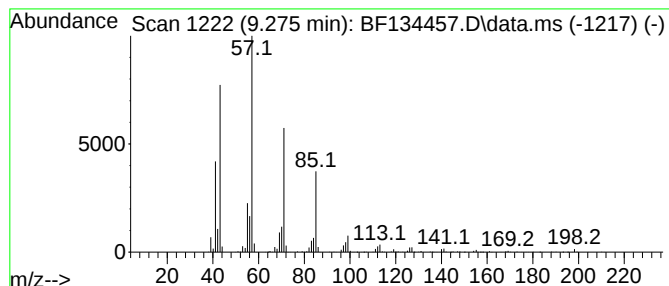
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.275	88.41 ng	1908930	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
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Misc :
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Instrument :
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ClientSampleId :
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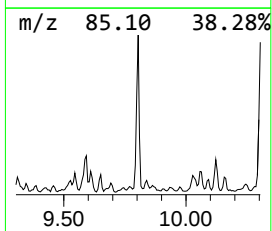
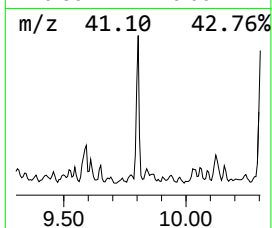
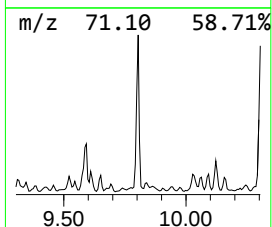
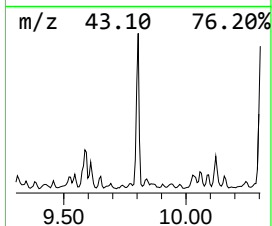
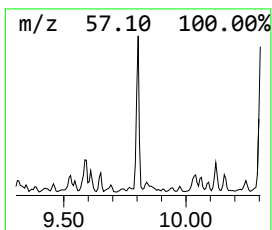
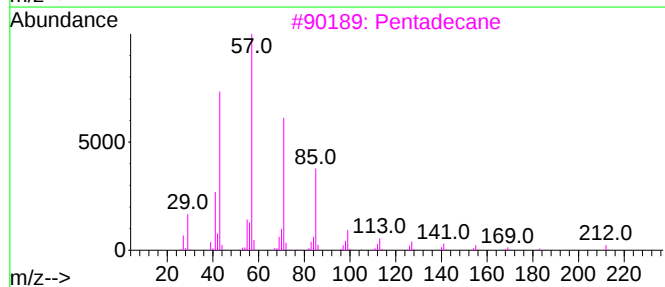
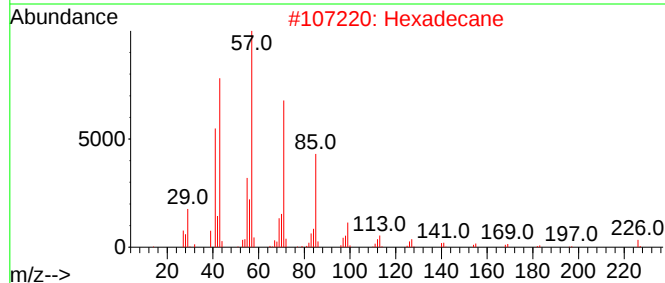
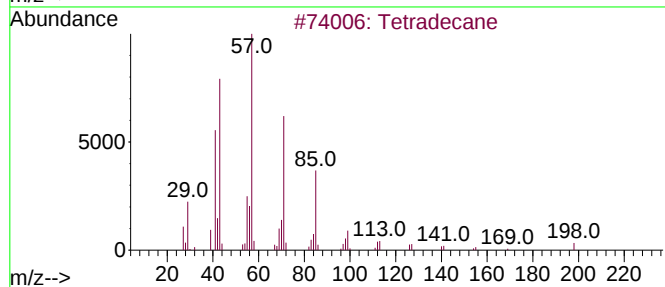
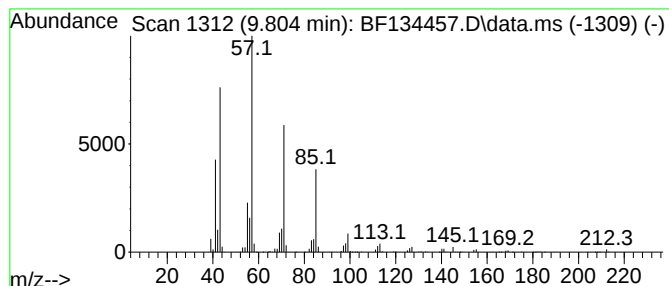
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	70.09 ng	1513240	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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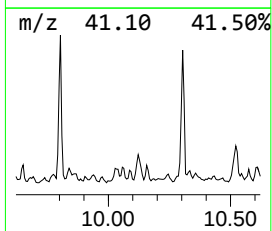
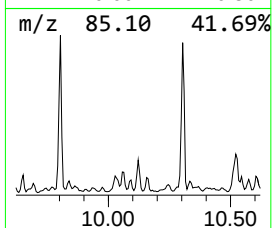
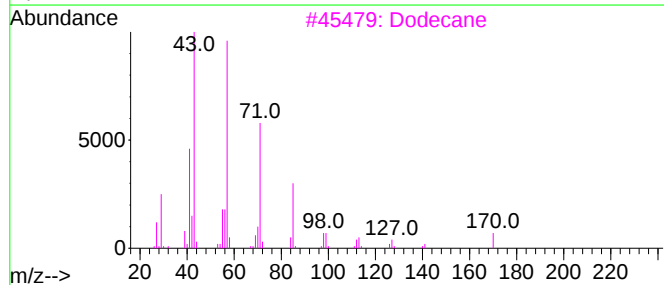
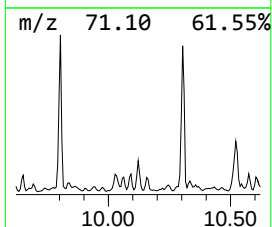
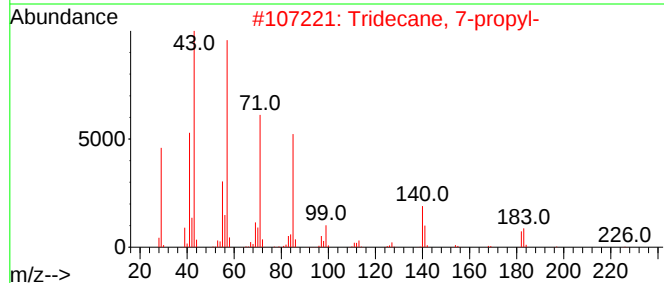
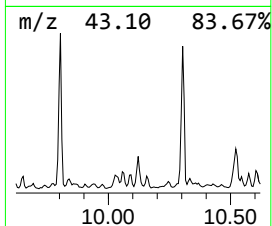
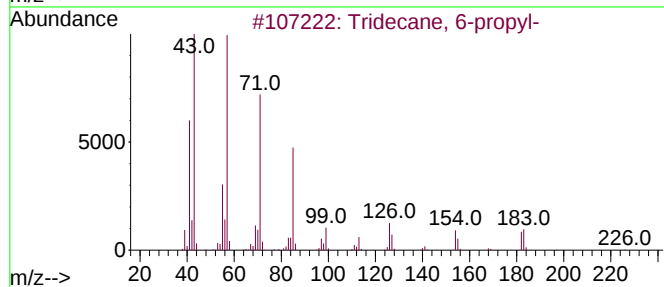
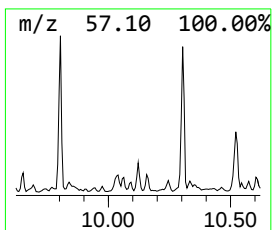
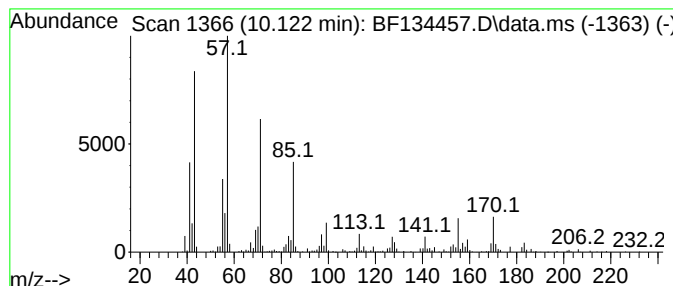
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	29.32 ng	633096	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2			Tridecane, 7-propyl-	226	C16H34	055045-09-5	89
3			Dodecane	170	C12H26	000112-40-3	87
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5			Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
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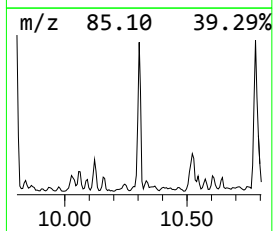
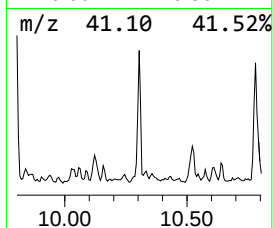
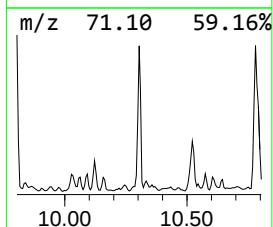
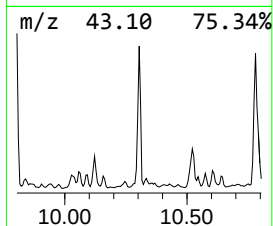
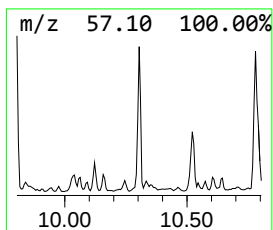
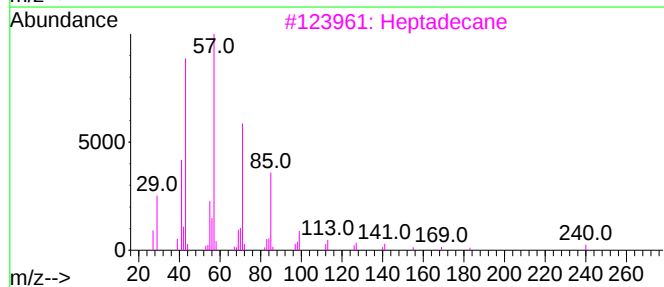
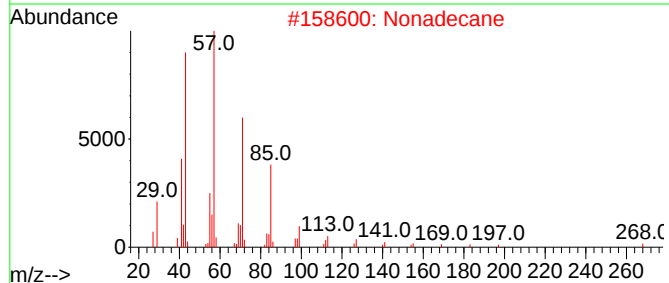
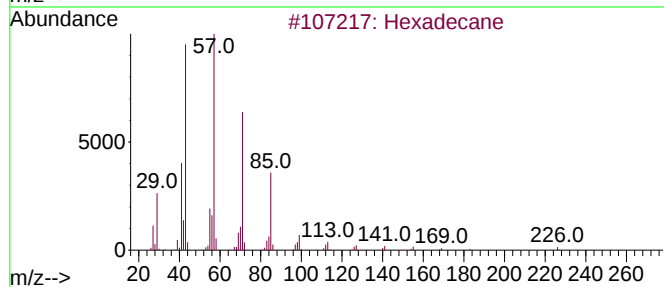
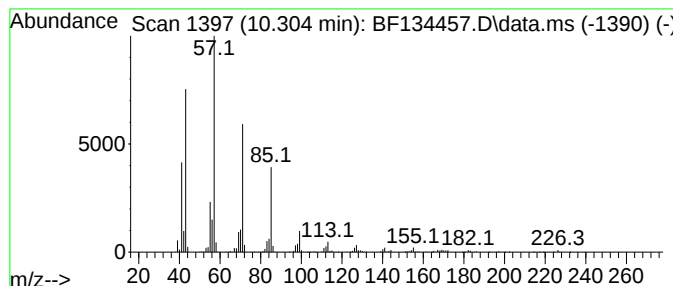
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	84.49 ng	1824180	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetradecane	198	C14H30	000629-59-4	86
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-3-071823

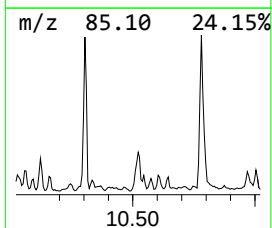
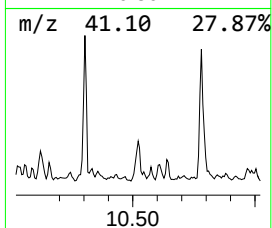
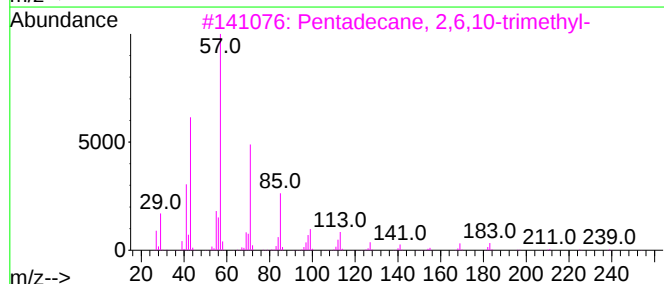
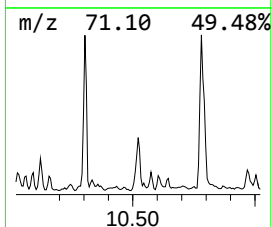
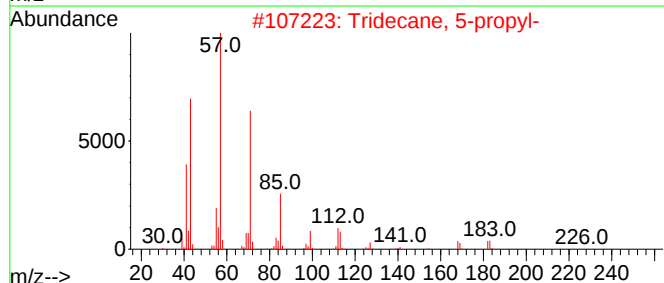
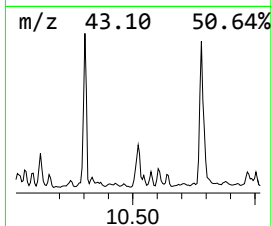
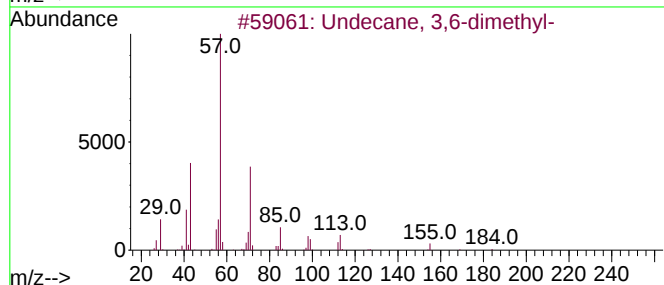
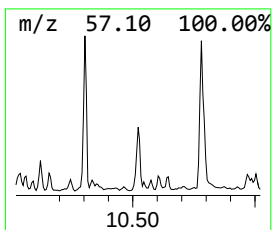
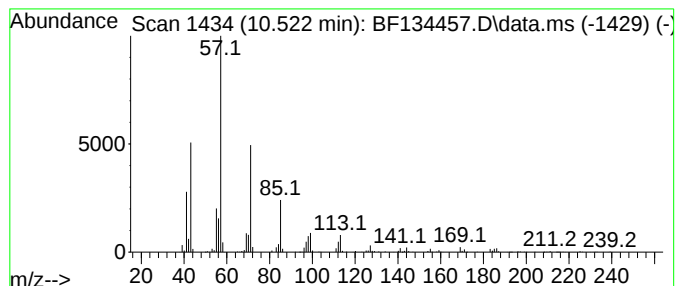
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	40.27 ng	869522	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
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ALS Vial : 21 Sample Multiplier: 1

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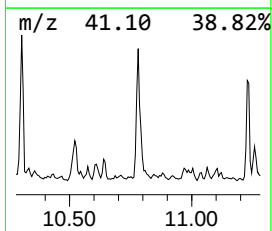
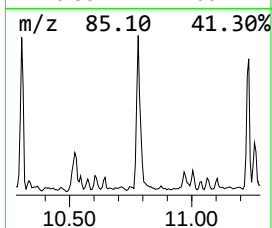
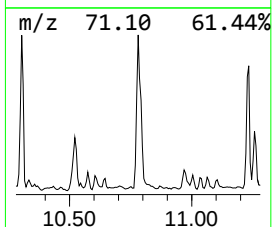
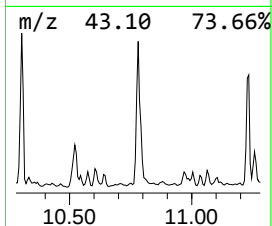
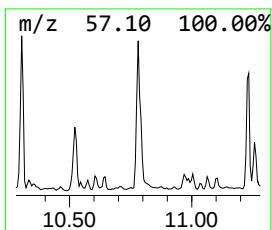
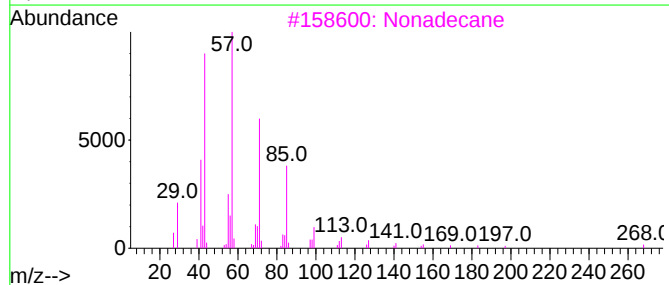
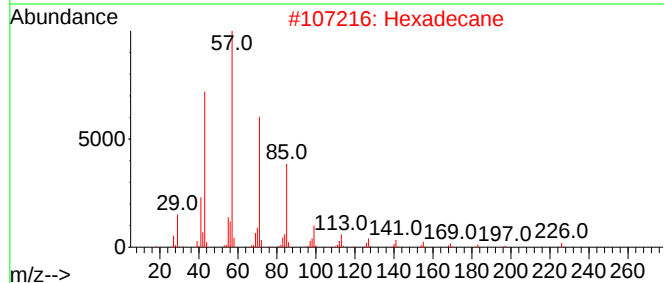
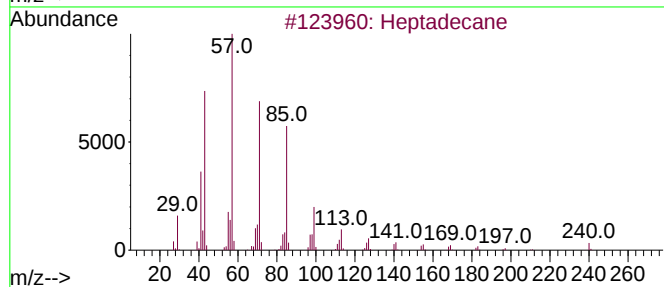
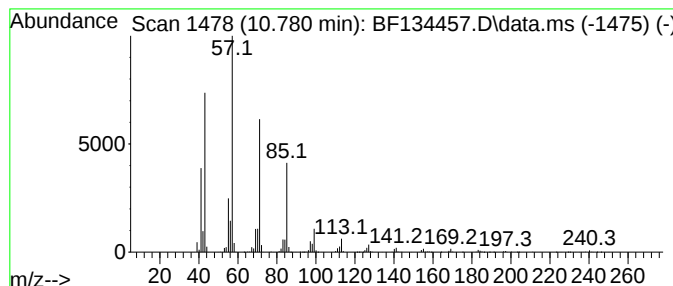
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	85.09 ng	2150570	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Hexadecane	226	C16H34	000544-76-3	93
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
Sample : 03659-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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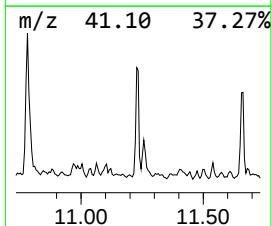
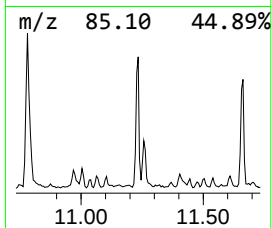
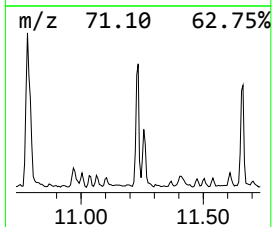
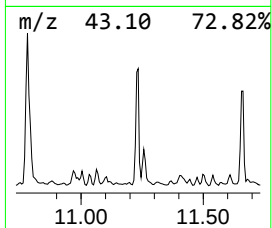
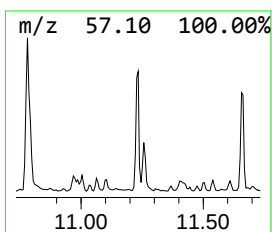
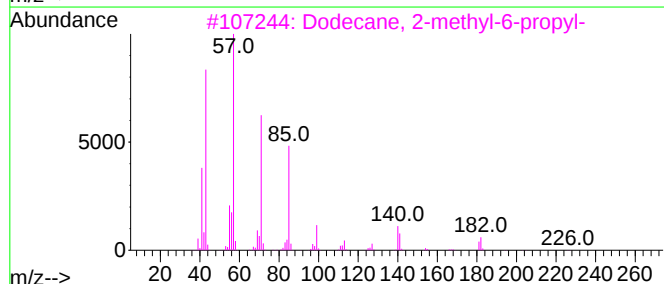
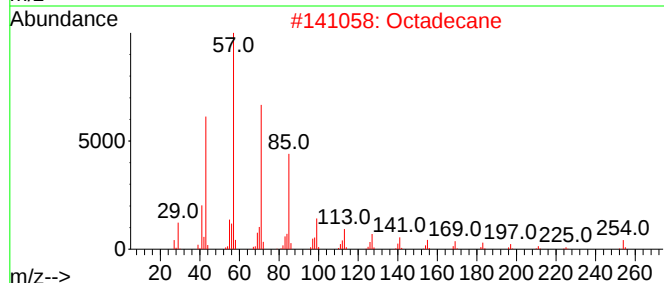
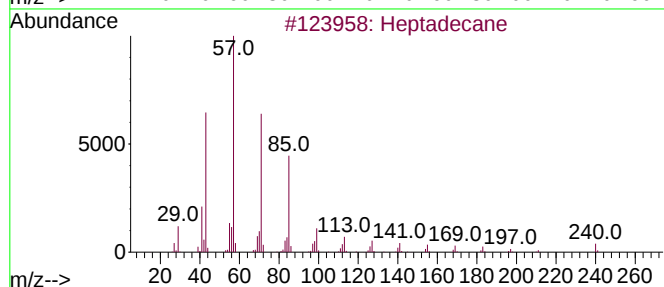
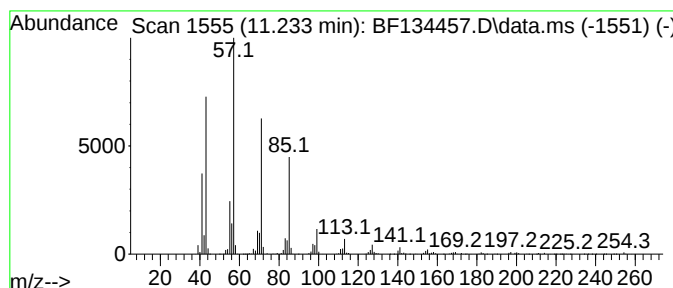
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	53.89 ng	1362070	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	94
2		Octadecane	254	C18H38	000593-45-3	94
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
Sample : 03659-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-3-071823

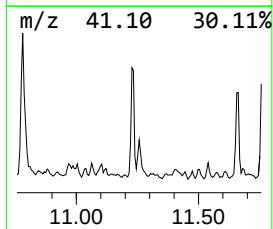
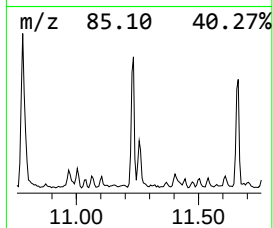
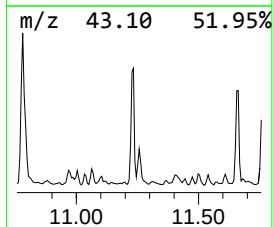
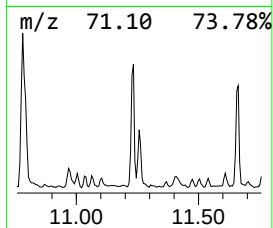
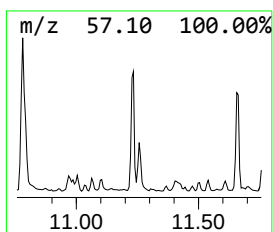
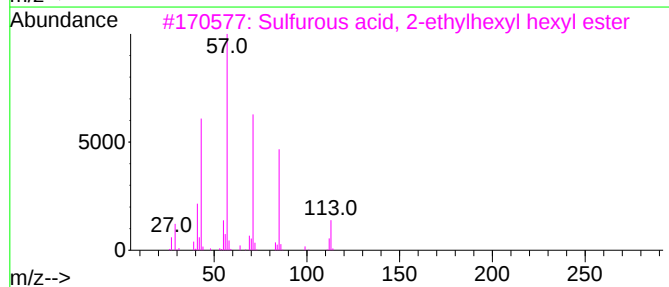
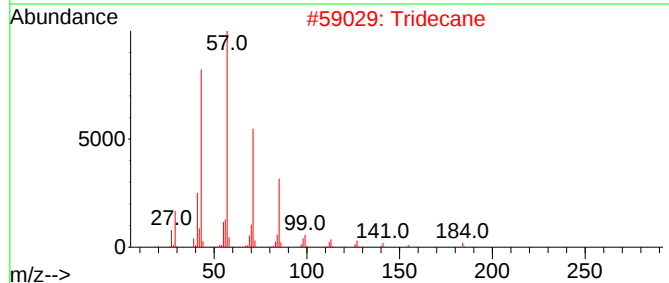
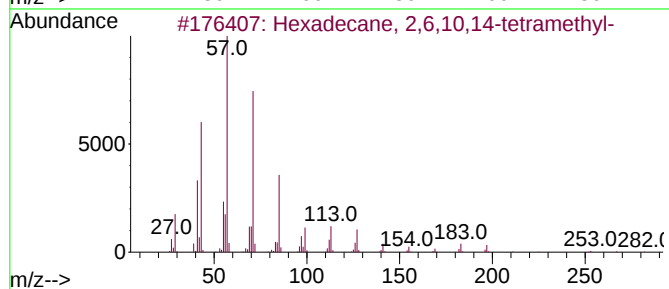
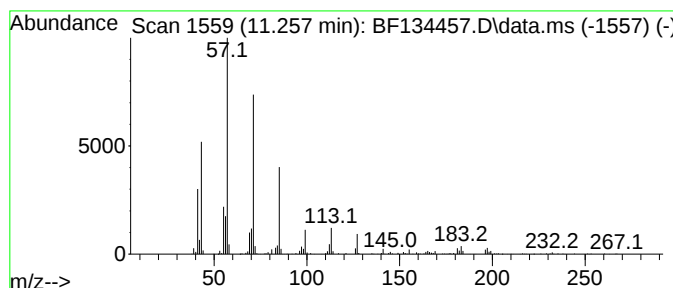
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	26.48 ng	669347	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Tridecane	184	C13H28	000629-50-5	87
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4		Hexadecane	226	C16H34	000544-76-3	70
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
Sample : 03659-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

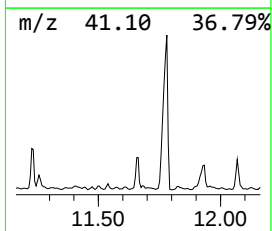
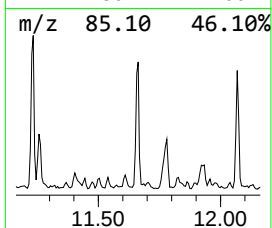
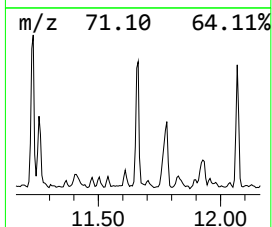
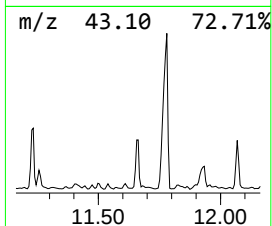
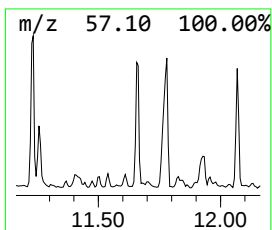
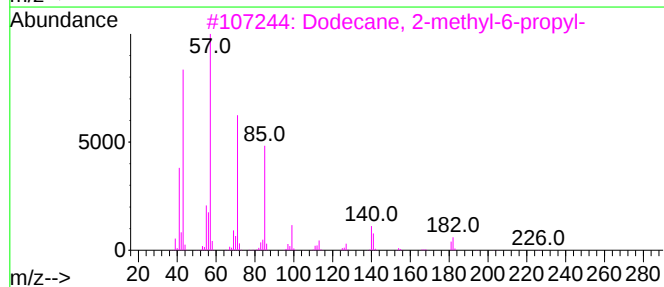
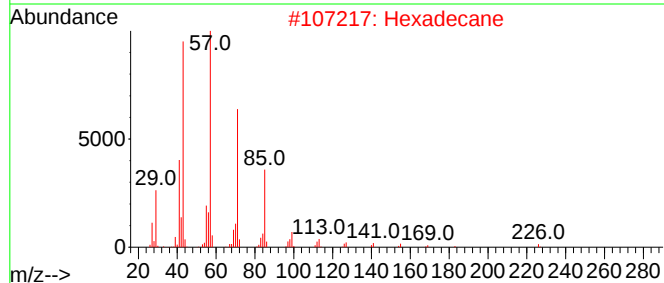
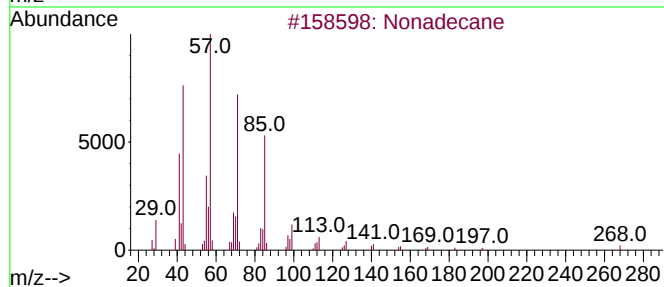
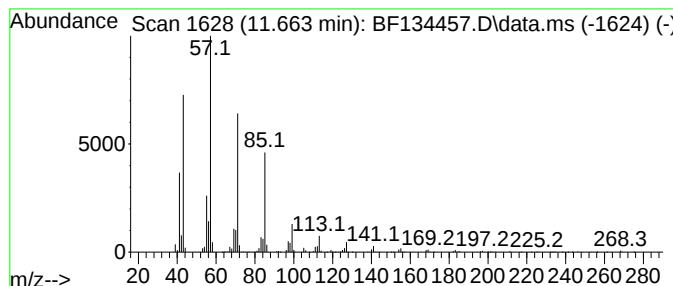
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.663	43.39 ng	1096640	Phenanthrene-d10		11.369	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	96
2	Hexadecane		226	C16H34	000544-76-3	95
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	93
4	Heneicosane		296	C21H44	000629-94-7	91
5	Heptacosane		380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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Acq On : 25 Jul 2023 06:19
Operator : CG\JU
Sample : 03659-03
Misc :
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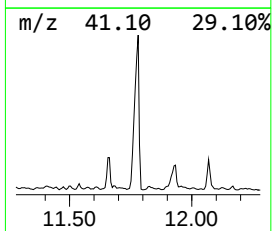
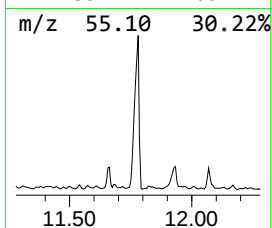
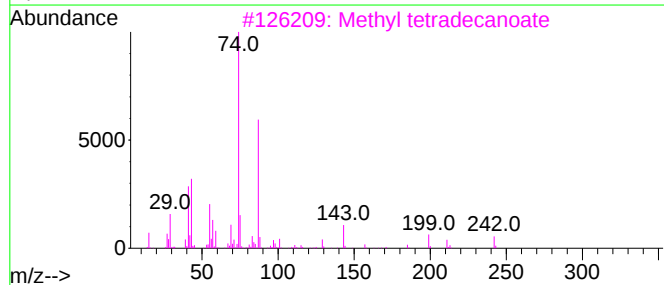
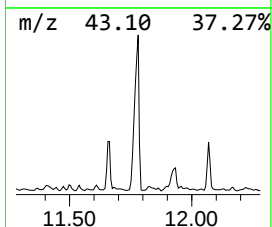
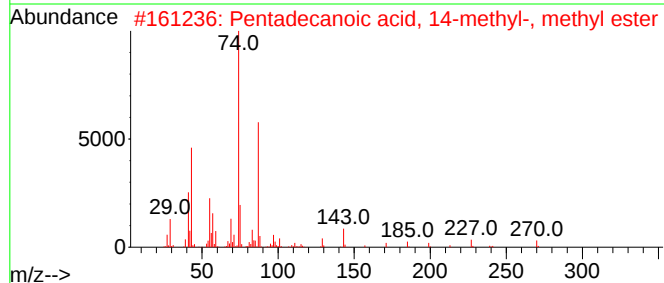
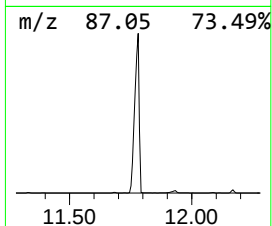
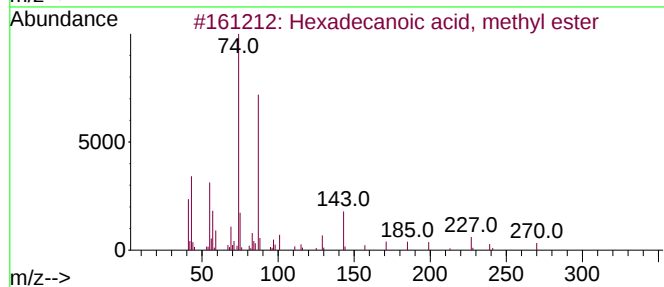
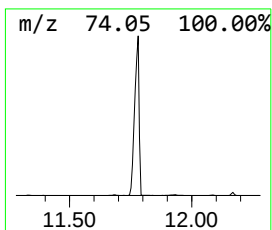
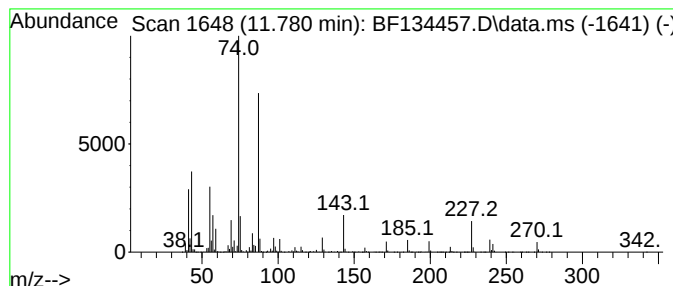
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.780	395.84 ng	10004300	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	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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Sample : 03659-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

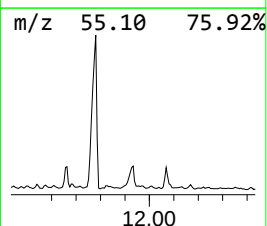
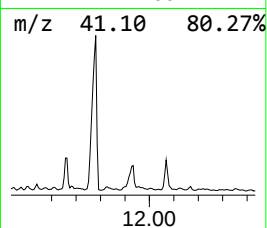
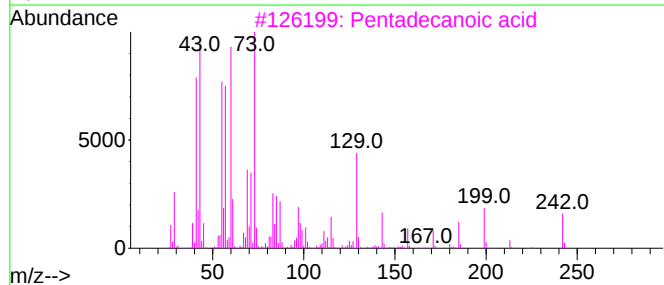
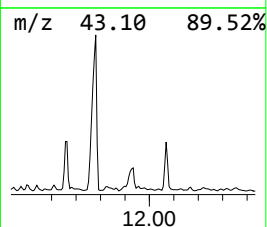
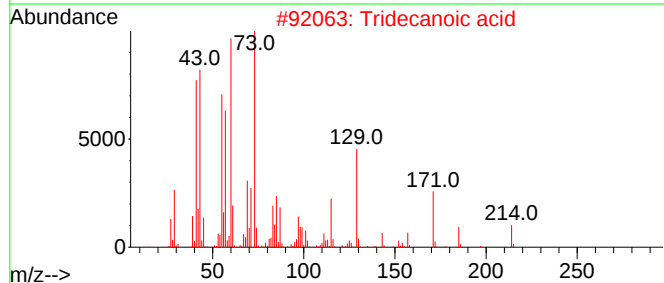
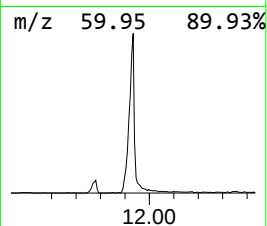
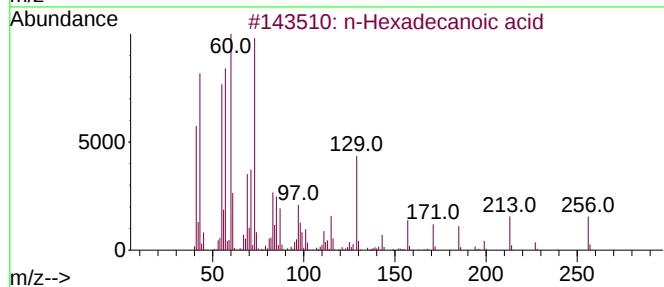
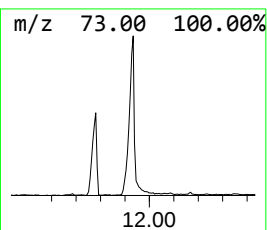
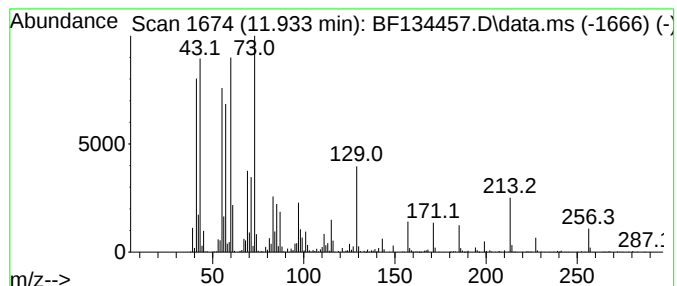
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.933	53.32 ng	1347610	Phenanthrene-d10		11.369	
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	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	90
5	n-Decanoic acid		172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
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Sample : 03659-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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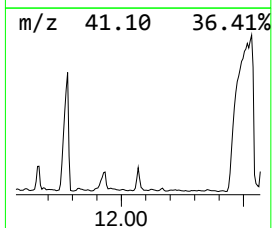
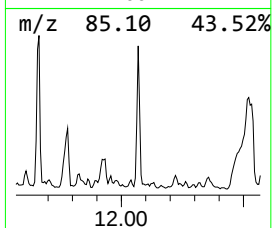
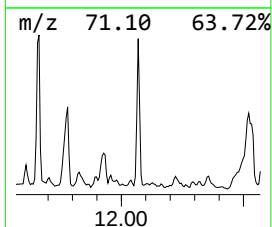
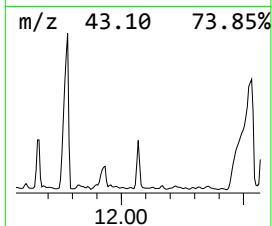
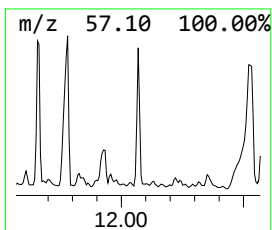
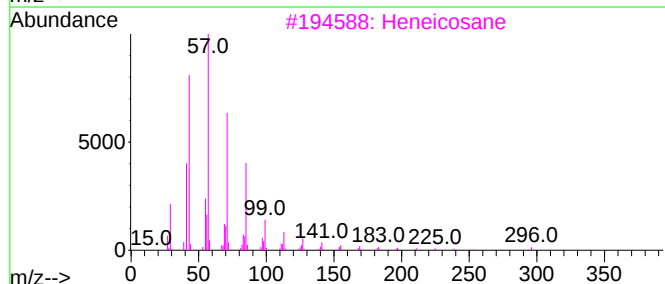
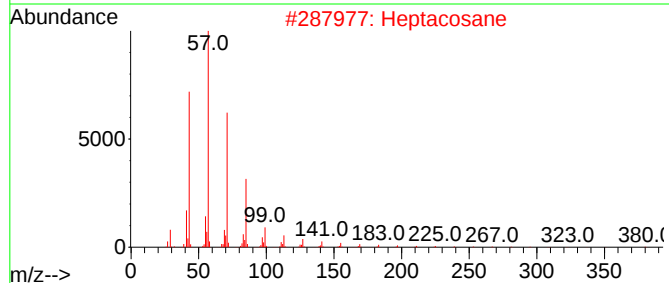
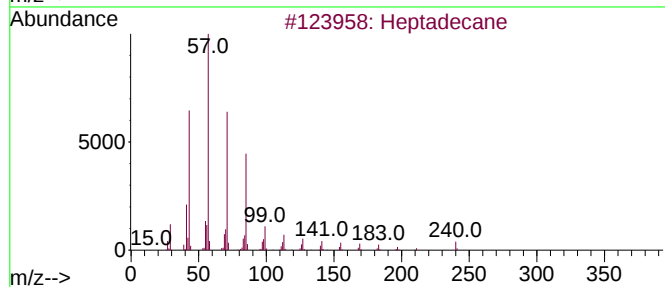
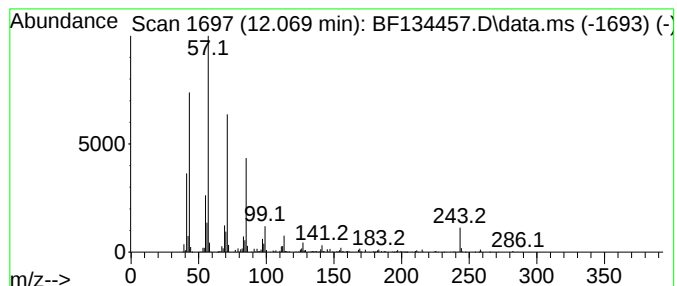
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	47.41 ng	1198100	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Heptacosane	380	C27H56	000593-49-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
HR-3-071823

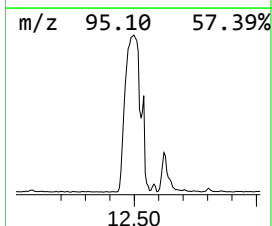
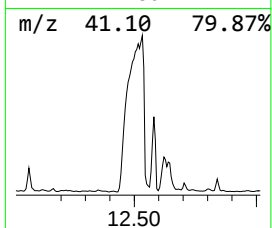
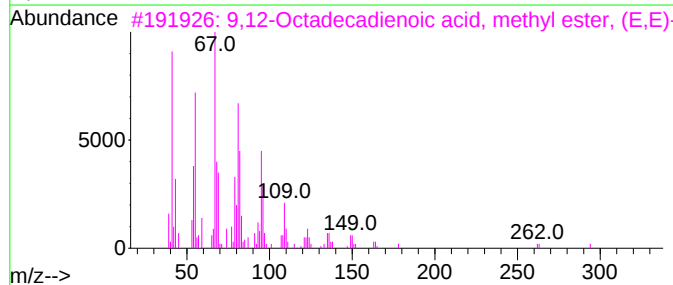
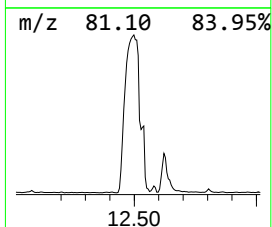
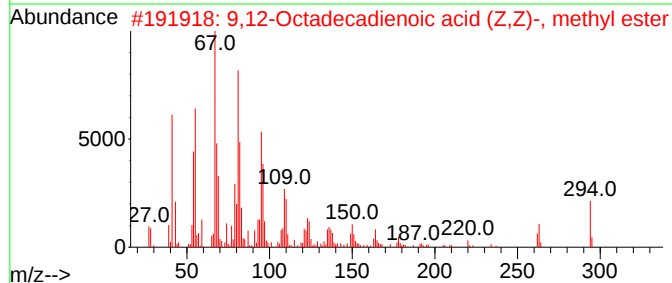
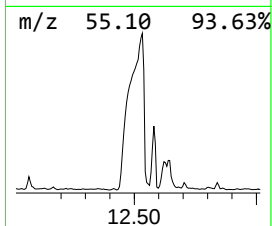
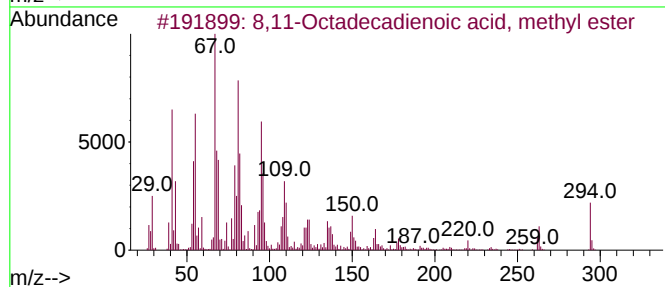
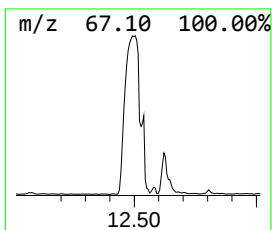
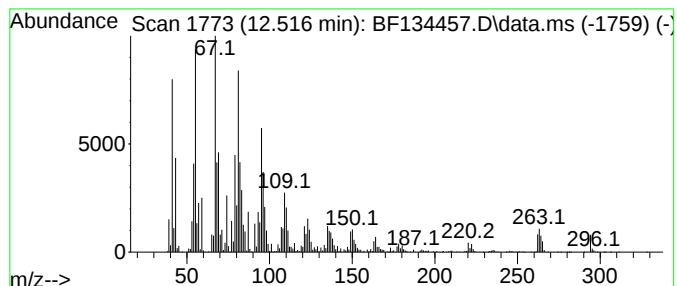
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8,11-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	1461.22 ng	36930300	Phenanthrene-d10	11.369

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
Sample : 03659-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

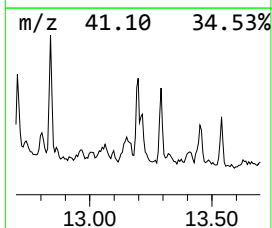
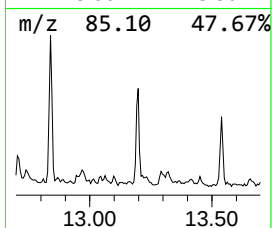
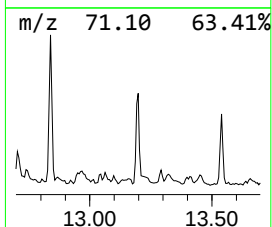
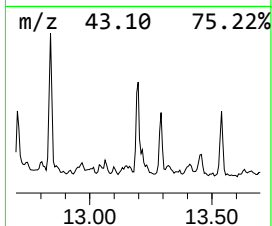
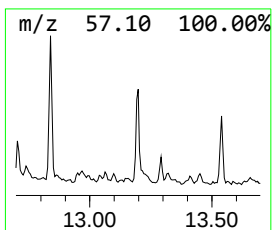
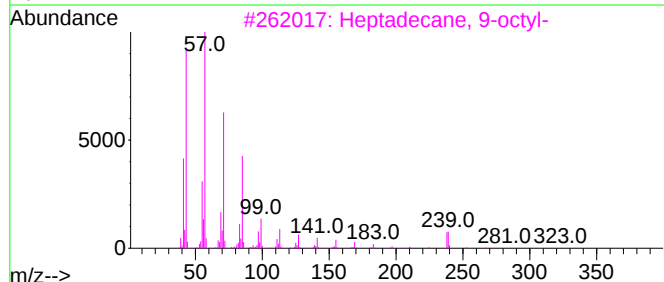
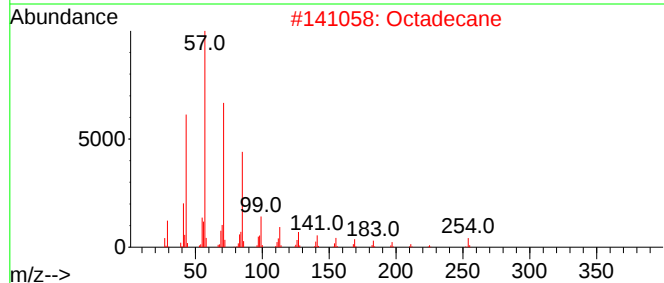
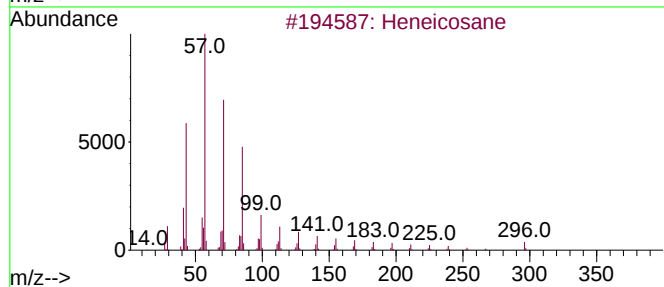
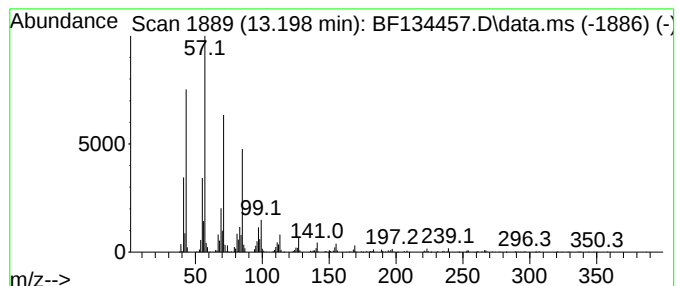
Instrument :
BNA_F
ClientSampleId :
HR-3-071823

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 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.198	21.05 ng	470110	Chrysene-d12		14.039	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Octadecane		254	C18H38	000593-45-3	95
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Eicosane		282	C20H42	000112-95-8	91
5	Octacosane		394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
Sample : 03659-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

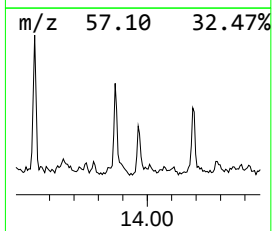
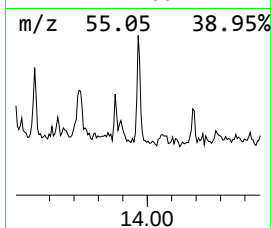
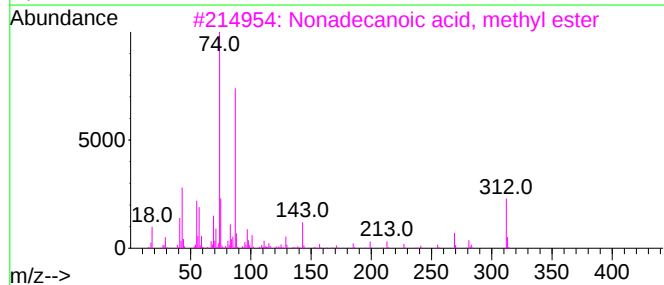
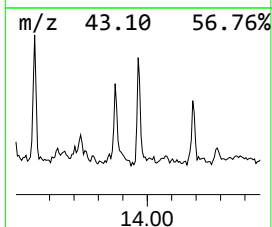
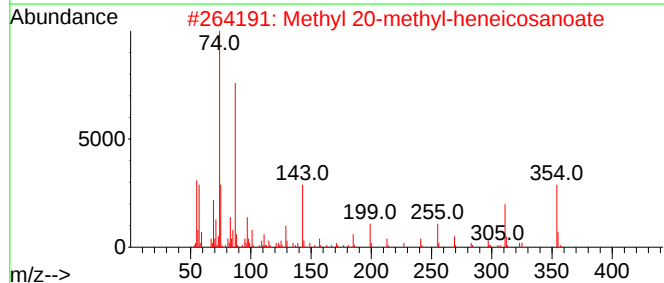
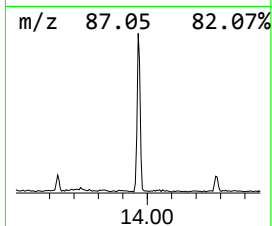
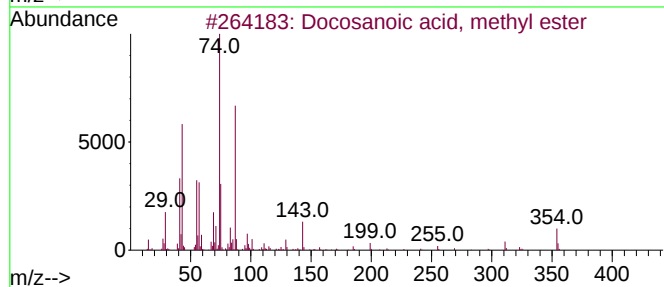
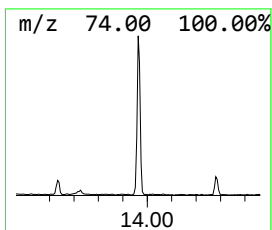
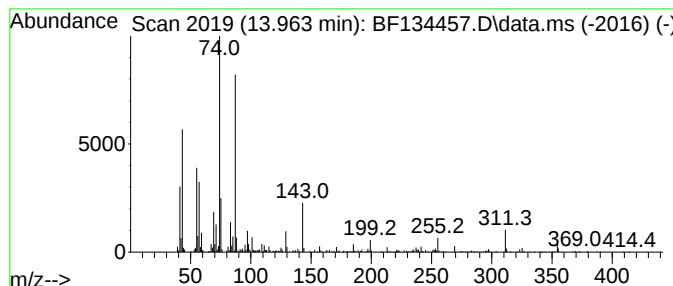
Instrument :
BNA_F
ClientSampleId :
HR-3-071823

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 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.963	20.00 ng	446705	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	92
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	91
5	Hexacosanoic acid, methyl ester	410	C27H54O2	005802-82-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134457.D
Acq On : 25 Jul 2023 06:19
Operator : CG\JU
Sample : 03659-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-3-071823

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
unknown8.404	8.404	21.7	ng	703207	2	8.116	648501	20.0
Tridecane	8.704	42.3	ng	1372000	2	8.116	648501	20.0
Naphthalene, 1,...	8.939	20.5	ng	663493	2	8.116	648501	20.0
Tridecane, 2-me...	9.063	31.4	ng	677189	3	9.875	431823	20.0
Dodecane, 2,6,1...	9.133	20.3	ng	438626	3	9.875	431823	20.0
Tetradecane	9.275	88.4	ng	1908930	3	9.875	431823	20.0
Hexadecane	9.804	70.1	ng	1513240	3	9.875	431823	20.0
Tridecane, 6-pr...	10.122	29.3	ng	633096	3	9.875	431823	20.0
Nonadecane	10.304	84.5	ng	1824180	3	9.875	431823	20.0
Undecane, 3,6-d...	10.522	40.3	ng	869522	3	9.875	431823	20.0
Heptadecane	10.781	85.1	ng	2150570	4	11.369	505473	20.0
Octadecane	11.233	53.9	ng	1362070	4	11.369	505473	20.0
Hexadecane, 2,6...	11.257	26.5	ng	669347	4	11.369	505473	20.0
Dodecane, 2-met...	11.663	43.4	ng	1096640	4	11.369	505473	20.0
Hexadecanoic ac...	11.780	395.8	ng	10004300	4	11.369	505473	20.0
n-Hexadecanoic ...	11.933	53.3	ng	1347610	4	11.369	505473	20.0
Heptacosane	12.069	47.4	ng	1198100	4	11.369	505473	20.0
8,11-Octadecadi...	12.516	1461.2	ng	36930300	4	11.369	505473	20.0
Heneicosane	13.198	21.1	ng	470110	5	14.039	446705	20.0
Docosanoic acid...	13.963	20.0	ng	446705	5	14.039	446705	20.0