

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134933.D
 Acq On : 24 Aug 2023 19:56
 Operator : CG\JU
 Sample : 04119-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2674

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134933.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	563	566	575	rVB	378465	364689	6.93%	0.511%
2	5.704	612	615	622	rVB	158815	159383	3.03%	0.223%
3	6.045	670	673	680	rBV2	197685	229991	4.37%	0.323%
4	6.234	700	705	708	rBV2	125715	152922	2.91%	0.214%
5	6.298	714	716	718	rVB	205165	146286	2.78%	0.205%
6	6.328	718	721	724	rBV2	381423	380678	7.24%	0.534%
7	6.387	728	731	735	rBV2	220315	256460	4.87%	0.360%
8	6.428	735	738	743	rVB	463046	441539	8.39%	0.619%
9	6.481	743	747	752	rVB4	103143	173684	3.30%	0.244%
10	6.539	752	757	761	rBV3	171951	313996	5.97%	0.440%
11	6.634	768	773	776	rBV2	1430846	1387181	26.37%	1.945%
12	6.734	784	790	792	rBV3	97242	171077	3.25%	0.240%
13	6.798	796	801	808	rVB3	678092	1180866	22.45%	1.656%
14	6.857	808	811	813	rBV	304669	296123	5.63%	0.415%
15	6.939	823	825	829	rBV2	441395	483611	9.19%	0.678%
16	6.975	829	831	834	rVB	247596	205433	3.91%	0.288%
17	7.028	837	840	841	rBV3	175798	153344	2.91%	0.215%
18	7.075	844	848	850	rVB	841403	808615	15.37%	1.134%
19	7.104	850	853	854	rBV	466048	447140	8.50%	0.627%
20	7.134	857	858	862	rVB2	568755	419775	7.98%	0.589%
21	7.186	864	867	870	rBV2	995924	967639	18.39%	1.357%
22	7.222	870	873	877	rVB5	171986	239066	4.54%	0.335%
23	7.263	877	880	882	rBV2	268295	284978	5.42%	0.400%
24	7.286	882	884	887	rVB	255323	190066	3.61%	0.267%
25	7.334	887	892	894	rBV2	728297	934262	17.76%	1.310%
26	7.357	894	896	897	rBV	229872	168831	3.21%	0.237%
27	7.398	900	903	906	rVB	3070416	2405356	45.72%	3.373%
28	7.445	906	911	914	rVB6	817765	1085090	20.63%	1.522%
29	7.481	914	917	918	rBV	402698	409206	7.78%	0.574%
30	7.510	919	922	926	rVB5	380544	382355	7.27%	0.536%
31	7.551	926	929	930	rBV	177376	154044	2.93%	0.216%
32	7.575	930	933	935	rBV2	440500	419168	7.97%	0.588%
33	7.604	935	938	941	rVB3	996165	1048924	19.94%	1.471%
34	7.634	941	943	946	rVB2	178105	145782	2.77%	0.204%
35	7.681	947	951	952	rBV2	451746	502919	9.56%	0.705%
36	7.698	952	954	956	rBV2	386490	342242	6.51%	0.480%

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37	7.716	956	957	961	rVB4	454263	446907	8.50%	0.627%
38	7.763	961	965	968	rVB4	855306	1056346	20.08%	1.481%
39	7.798	968	971	972	rBV	1073781	831372	15.80%	1.166%
40	7.816	972	974	975	rBV2	357144	152668	2.90%	0.214%
41	7.833	975	977	981	rVB3	1001880	1089589	20.71%	1.528%
42	7.875	981	984	986	rBV2	662416	550550	10.47%	0.772%
43	7.898	986	988	990	rBV2	344285	211681	4.02%	0.297%
44	7.916	990	991	994	rVB	804212	520559	9.90%	0.730%
45	7.951	994	997	1000	rBV3	489353	572554	10.88%	0.803%
46	7.986	1000	1003	1006	rBV	553339	518954	9.86%	0.728%
47	8.039	1006	1012	1013	rBV5	699027	1147403	21.81%	1.609%
48	8.069	1013	1017	1021	rBV2	3904775	3693348	70.21%	5.179%
49	8.145	1025	1030	1032	rVB2	1836609	2078858	39.52%	2.915%
50	8.169	1032	1034	1038	rBV5	610567	688290	13.08%	0.965%
51	8.251	1041	1048	1051	rBV5	597032	1174608	22.33%	1.647%
52	8.281	1051	1053	1056	rVB2	1033415	922373	17.53%	1.293%
53	8.322	1056	1060	1062	rBV3	559038	821984	15.62%	1.153%
54	8.375	1064	1069	1072	rBV5	1519157	1957344	37.21%	2.745%
55	8.433	1076	1079	1081	rBV3	1211535	1137022	21.61%	1.594%
56	8.463	1081	1084	1087	rBV2	1597999	1457829	27.71%	2.044%
57	8.510	1087	1092	1093	rBV2	1933307	1956623	37.19%	2.744%
58	8.528	1093	1095	1096	rVB	516083	341063	6.48%	0.478%
59	8.545	1096	1098	1101	rVB3	1022208	993516	18.89%	1.393%
60	8.586	1102	1105	1108	rBV2	1769951	1649970	31.36%	2.314%
61	8.628	1108	1112	1113	rBV4	472937	608306	11.56%	0.853%
62	8.680	1117	1121	1124	rBV2	3406163	3902528	74.18%	5.472%
63	8.745	1129	1132	1134	rVV2	892378	915213	17.40%	1.283%
64	8.775	1134	1137	1140	rVB3	1084012	1126712	21.42%	1.580%
65	8.828	1144	1146	1149	rBV3	410566	574995	10.93%	0.806%
66	8.910	1158	1160	1164	rVB3	1646770	1414721	26.89%	1.984%
67	8.963	1167	1169	1172	rBV3	825797	941316	17.89%	1.320%
68	9.051	1182	1184	1186	rVB3	1127038	865392	16.45%	1.213%
69	9.080	1187	1189	1192	rBV2	708767	981151	18.65%	1.376%
70	9.116	1192	1195	1199	rVB2	1960605	2051238	38.99%	2.876%
71	9.204	1207	1210	1212	rVB2	597467	546355	10.39%	0.766%
72	9.257	1213	1219	1223	rBV3	2835815	5260720	100.00%	7.377%
73	9.516	1260	1263	1265	rBV2	1119904	1364653	25.94%	1.914%
74	9.563	1268	1271	1272	rBV	1915752	1840596	34.99%	2.581%
75	9.769	1303	1306	1308	rBV	1373154	1460366	27.76%	2.048%
76	14.504	2108	2111	2114	rVB2	2098742	1923161	36.56%	2.697%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.057	2201	2205	2213	rVB	381272	744419	14.15%	1.044%
78	15.357	2253	2256	2262	rVB	224971	266325	5.06%	0.373%
79	15.421	2264	2267	2273	rVB	259509	344964	6.56%	0.484%
80	15.480	2274	2277	2281	rBV	307104	356685	6.78%	0.500%

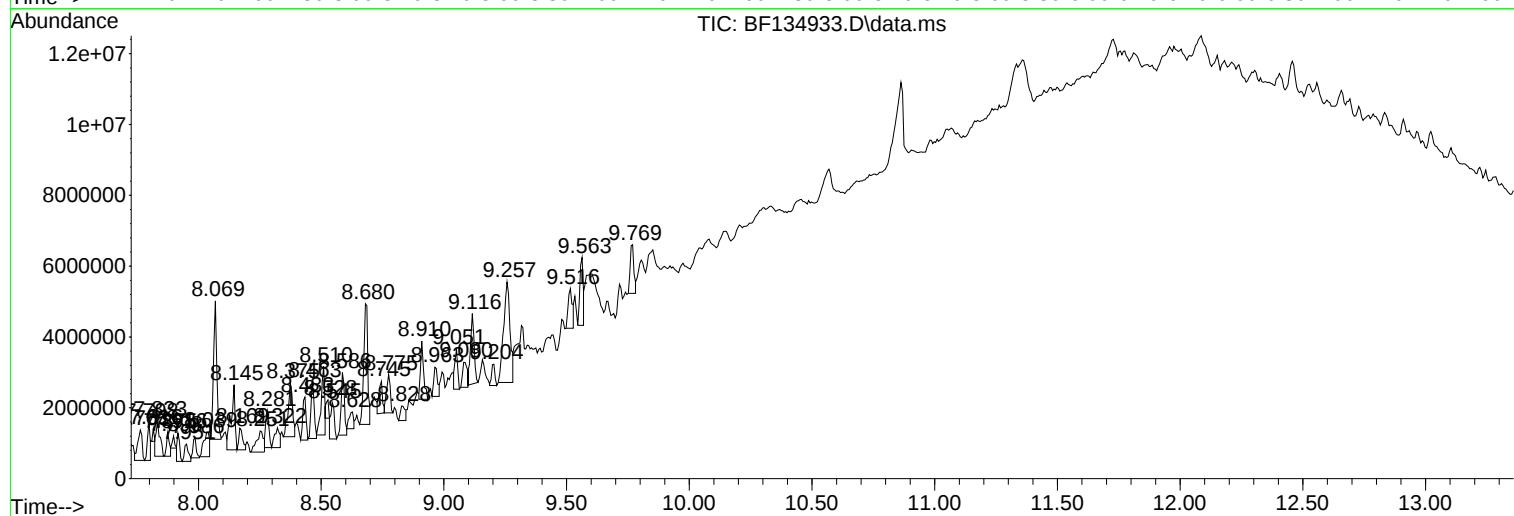
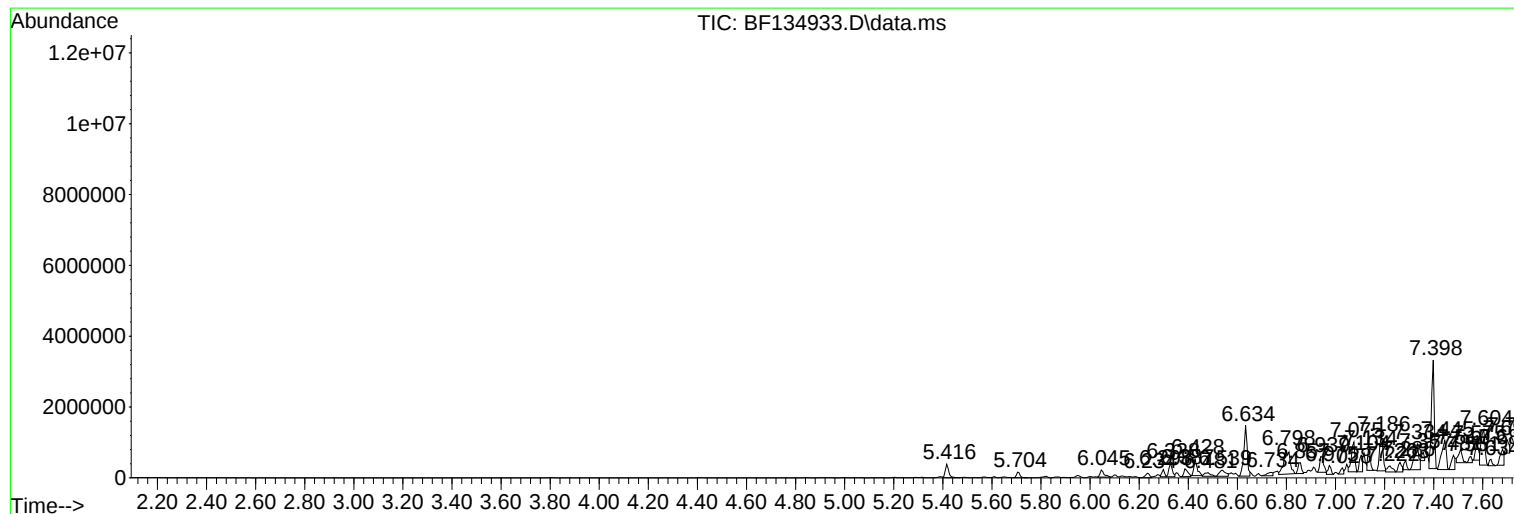
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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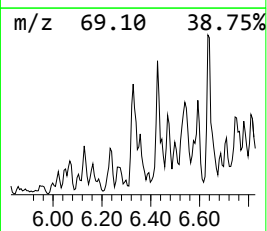
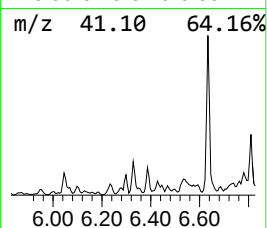
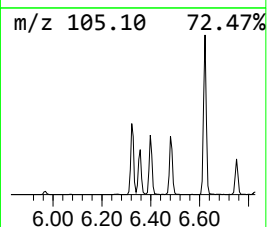
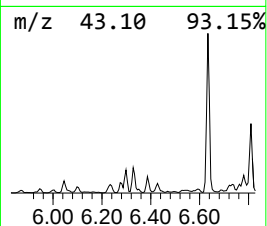
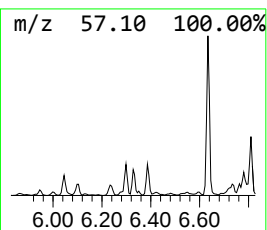
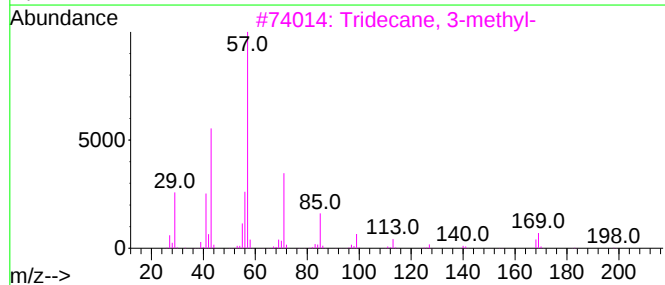
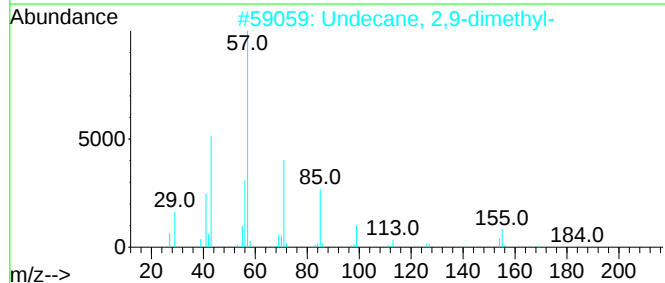
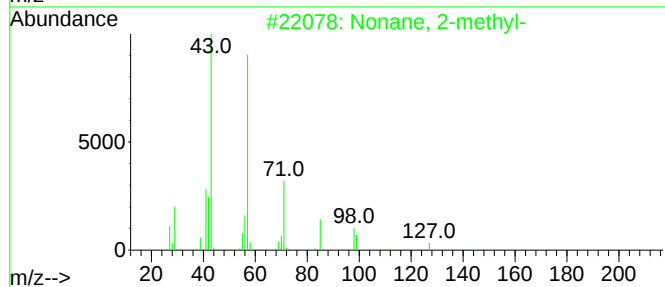
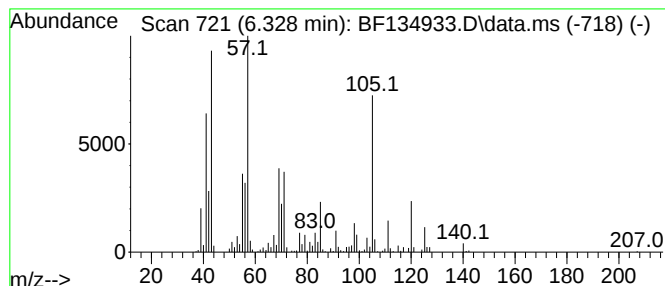
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.328 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.328	6.45 ng	380678	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-	142	C10H22	000871-83-0	49
2			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	38
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	35
5			Hexadecane	226	C16H34	000544-76-3	35



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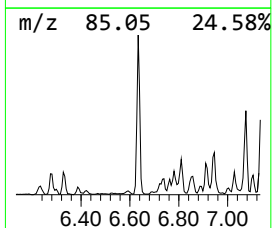
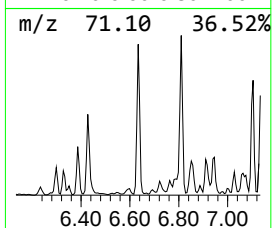
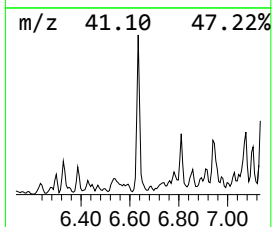
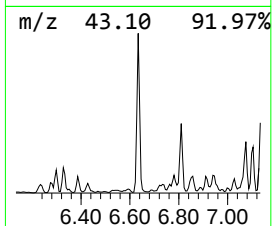
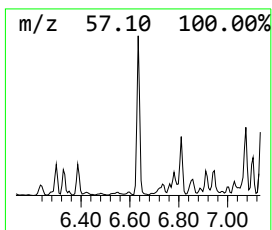
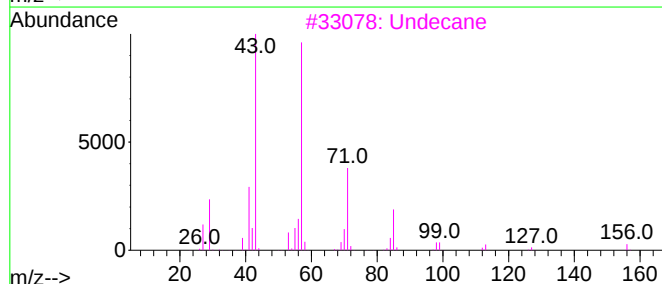
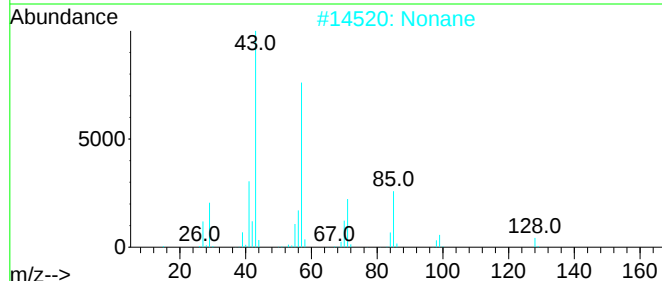
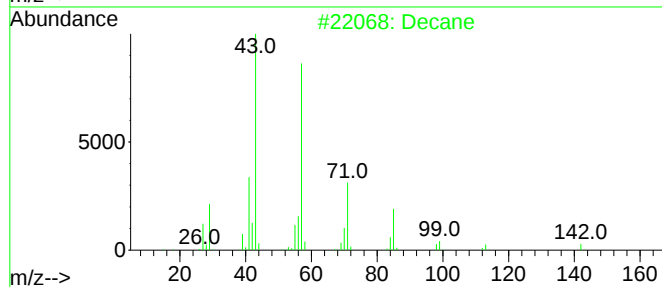
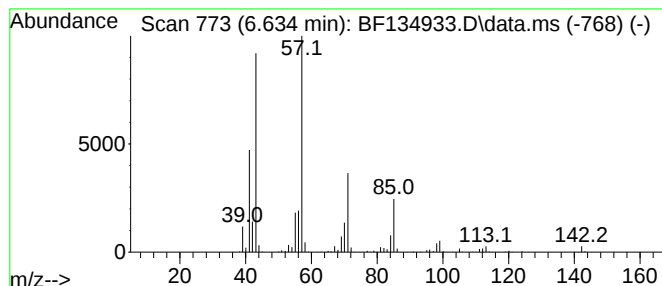
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.634	23.49 ng	1387180	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	95
2			Nonane	128	C9H20	000111-84-2	90
3			Undecane	156	C11H24	001120-21-4	83
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	78
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74



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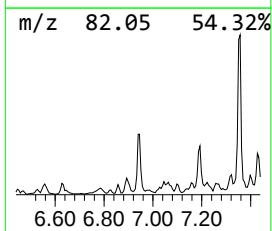
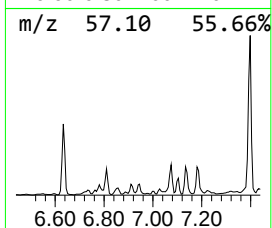
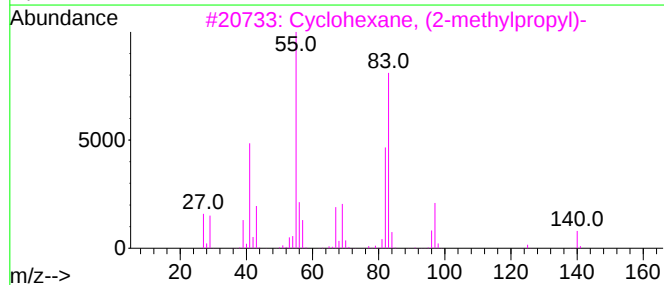
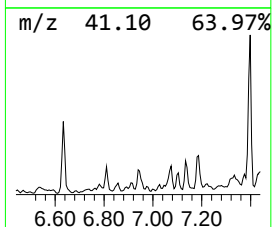
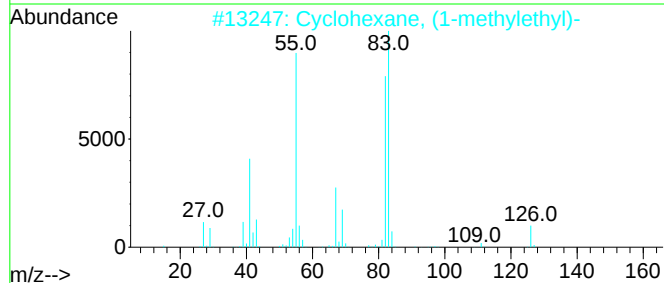
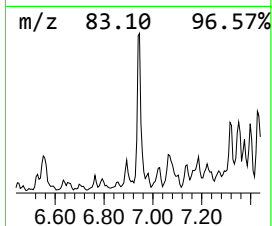
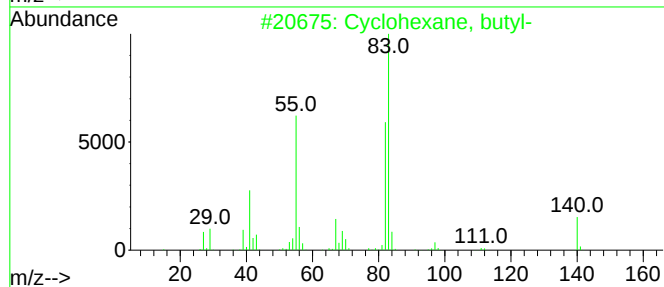
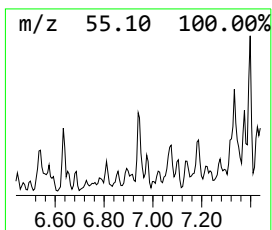
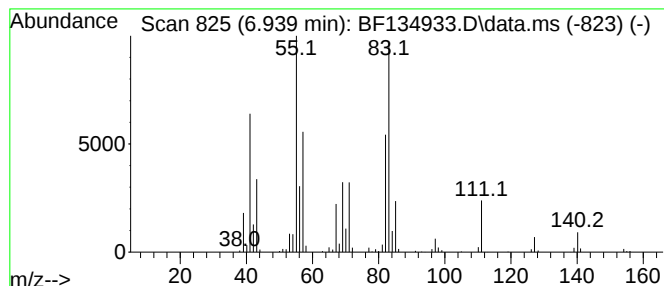
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.939	8.19 ng	483611	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	58
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50



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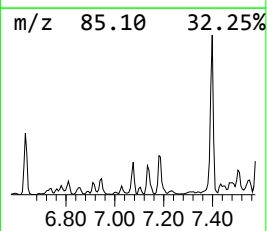
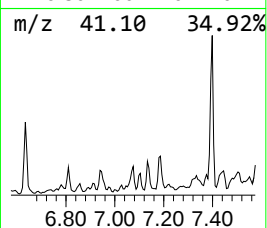
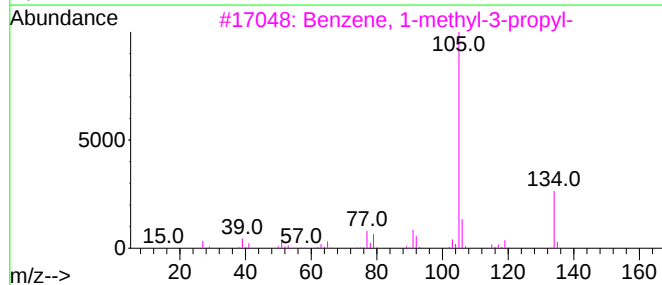
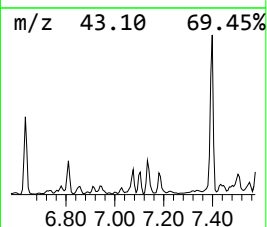
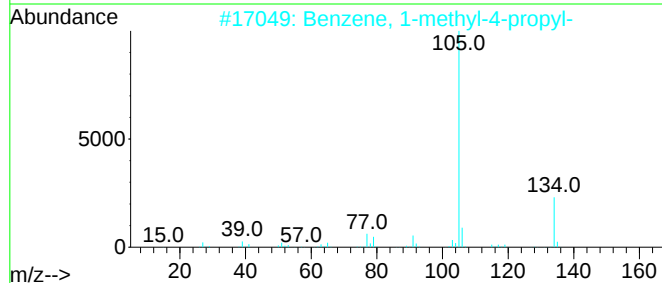
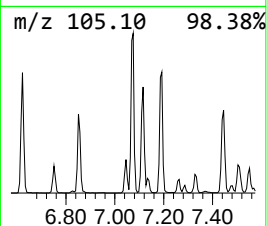
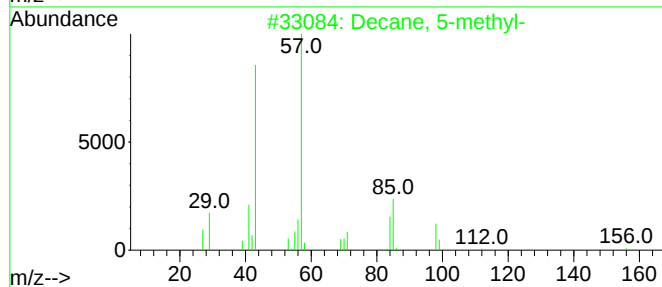
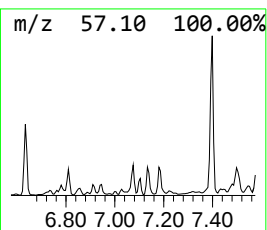
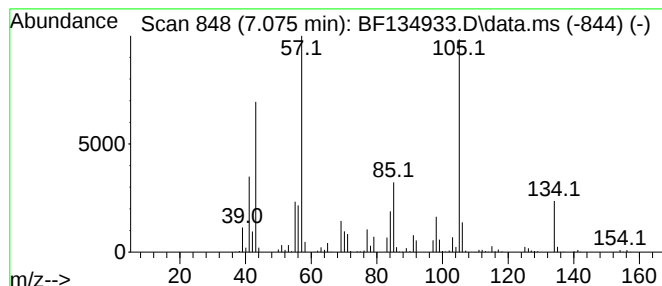
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.075 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	13.70 ng	808615	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	43
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
5			Heptane, 4-ethyl-	128	C9H20	002216-32-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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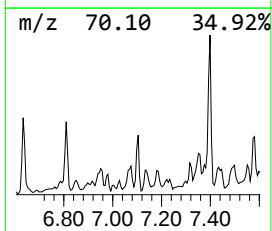
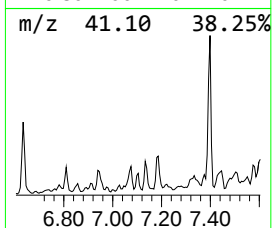
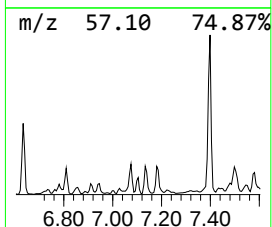
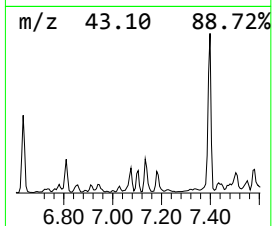
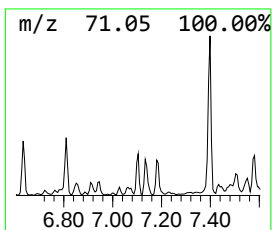
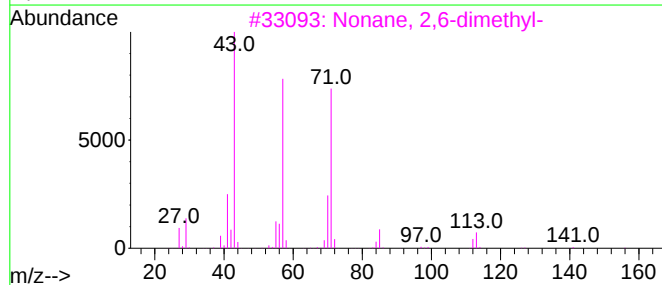
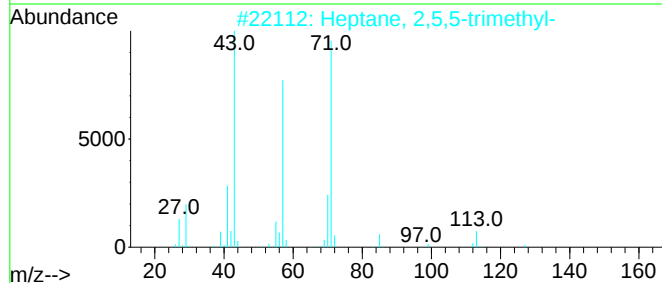
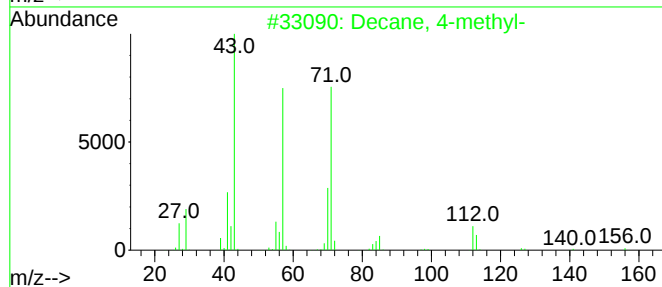
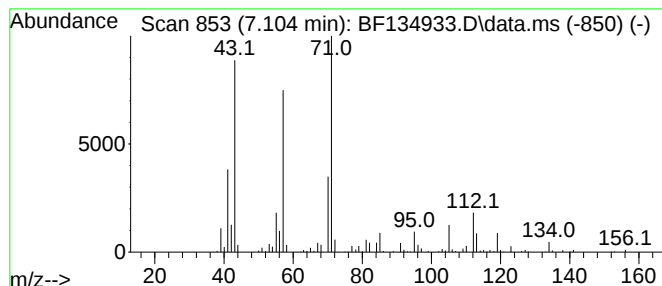
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	7.57 ng	447140	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	81
2			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	59
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	53
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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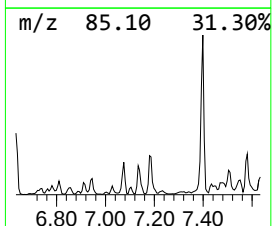
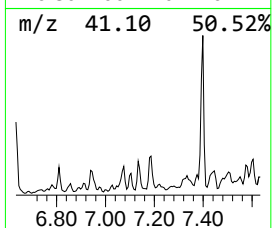
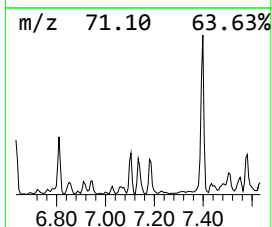
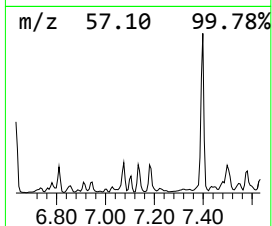
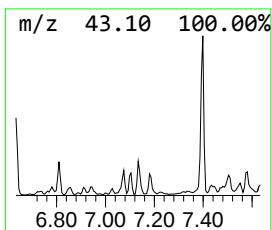
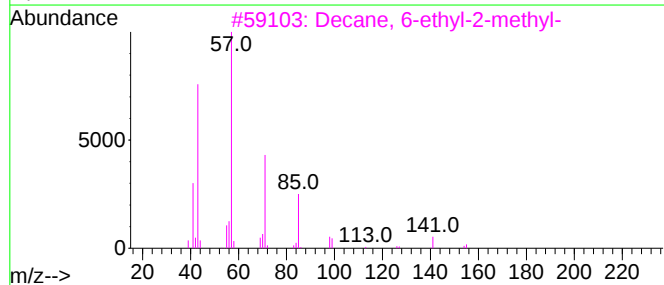
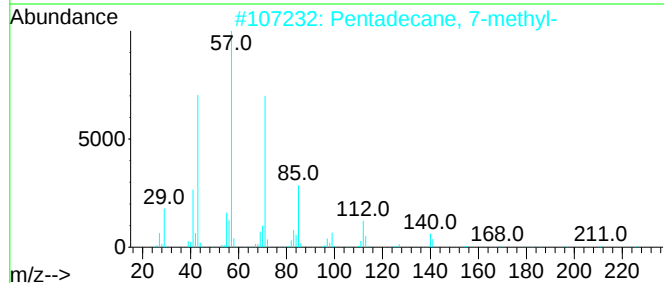
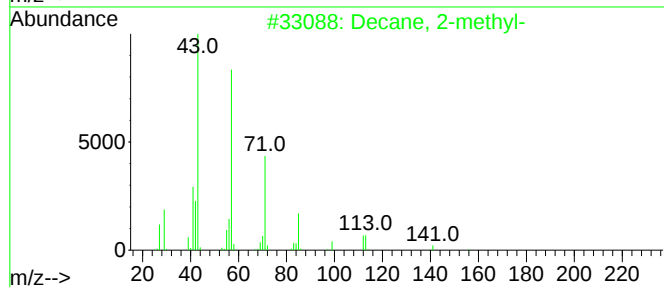
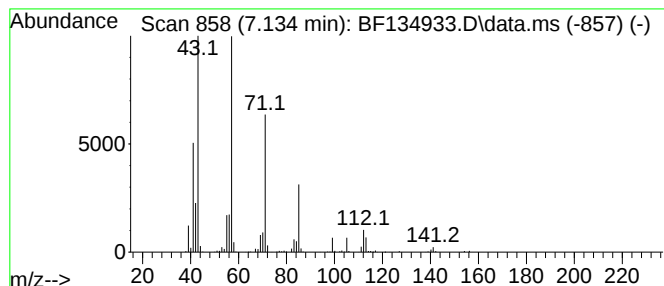
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	7.11 ng	419775	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	93
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
4			Tetradecane	198	C14H30	000629-59-4	64
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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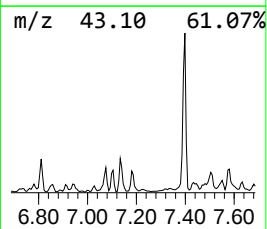
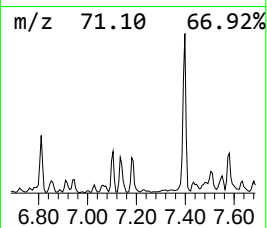
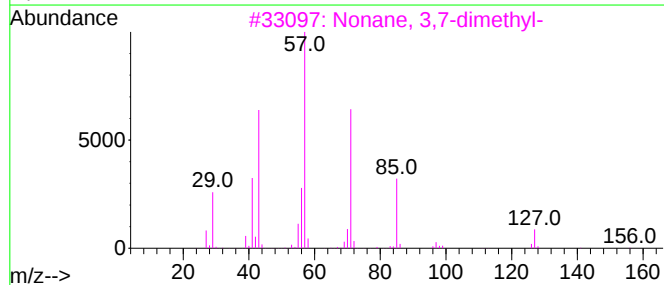
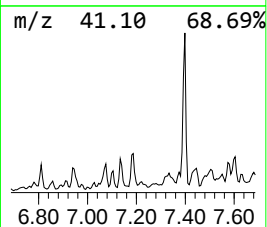
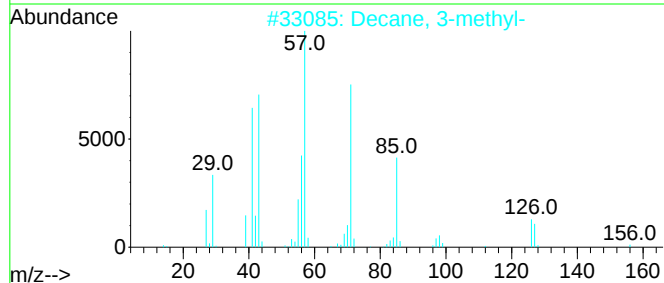
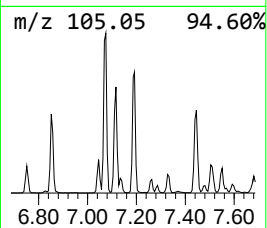
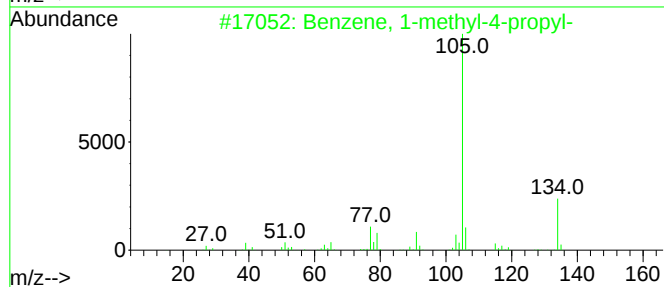
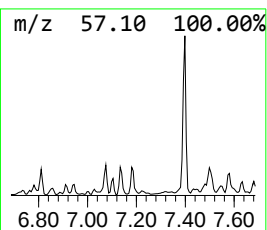
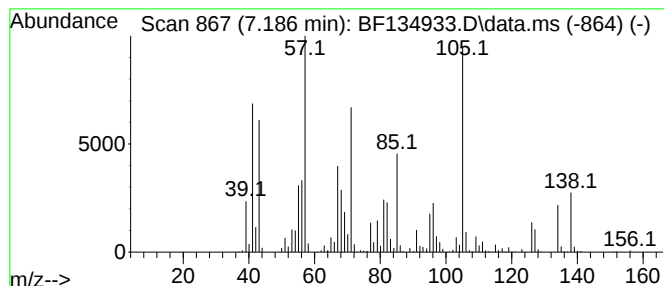
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.186	16.39 ng	967639	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
2			Decane, 3-methyl-	156	C11H24	013151-34-3	42
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	30
4			Heptacosane	380	C27H56	000593-49-7	27
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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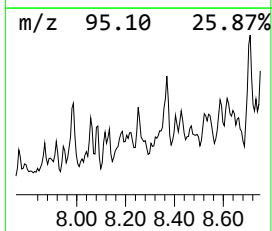
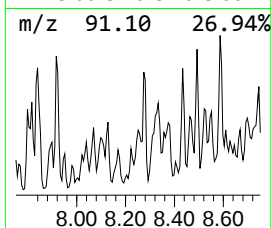
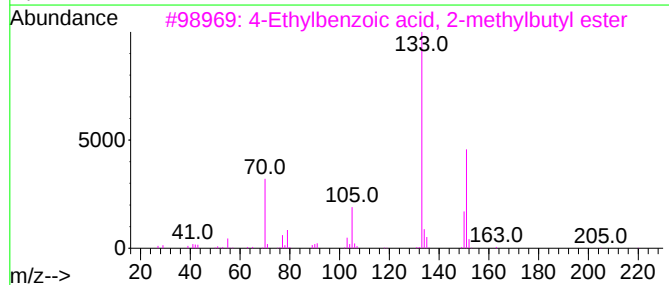
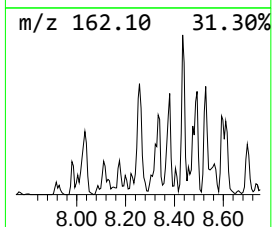
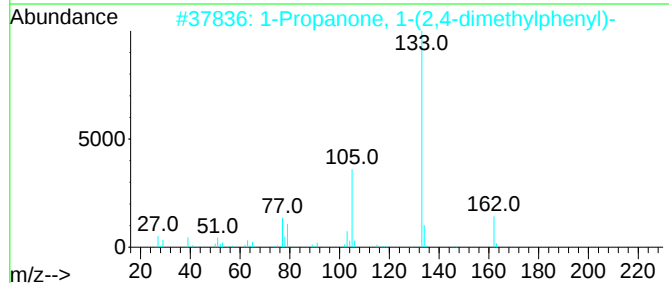
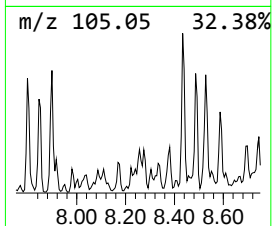
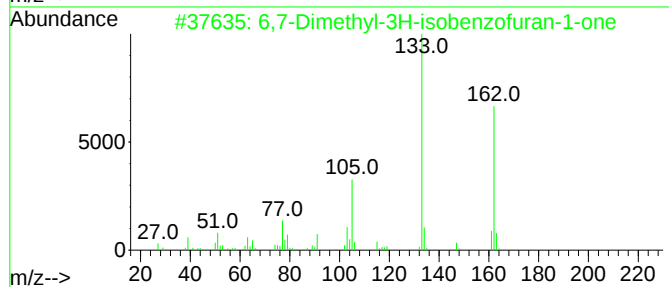
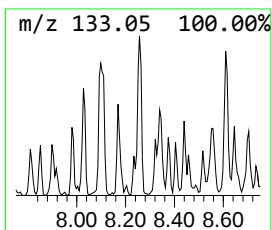
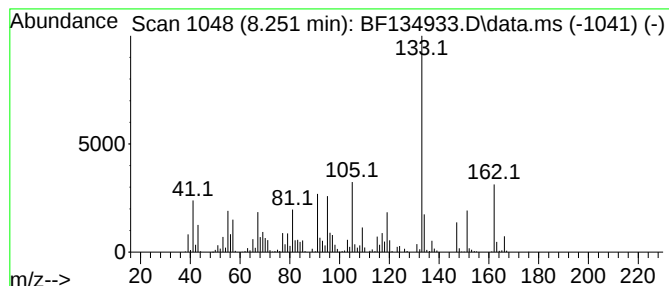
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 6,7-Dimethyl-3H-isobenzofur... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	6.36 ng	1174610	Naphthalene-d8	8.081

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	343852-50-6	50	
2	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	47	
3	4-Ethylbenzoic acid, 2-methylbut...	220	C14H20O2	1000331-30-8	47	
4	2'-Ethylpropiophenone	162	C11H14O	016819-79-7	47	
5	Phenol, 4-cyclopentyl-	162	C11H14O	001518-83-8	43	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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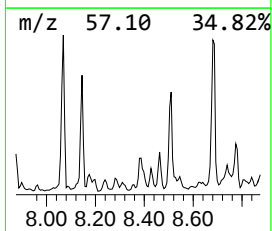
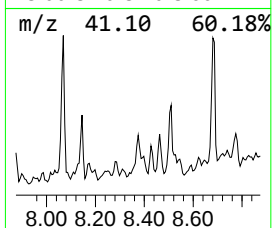
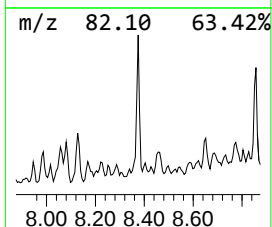
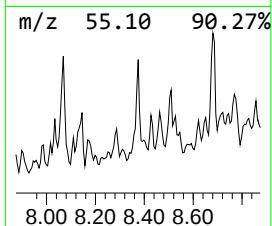
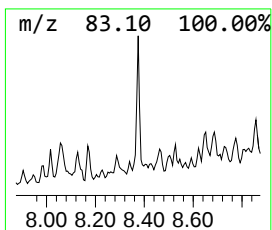
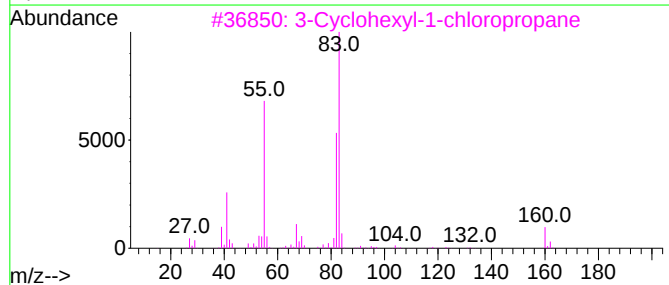
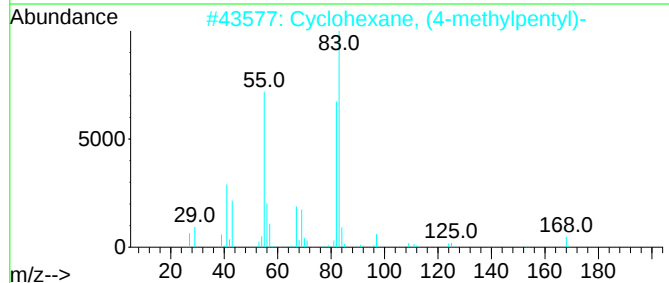
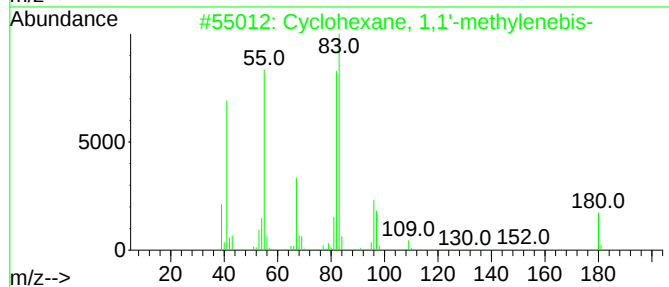
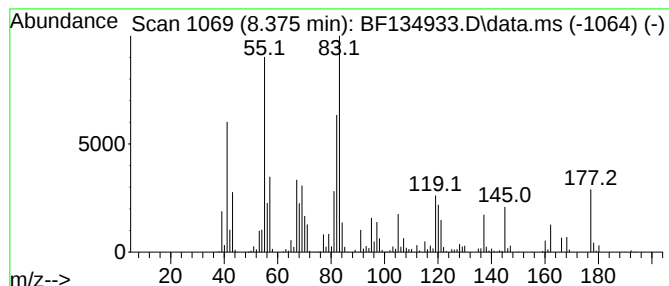
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.375 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	10.60 ng	1957340	Naphthalene-d8	8.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	43
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
3			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
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ALS Vial : 20 Sample Multiplier: 1

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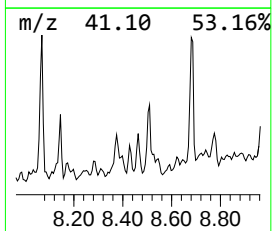
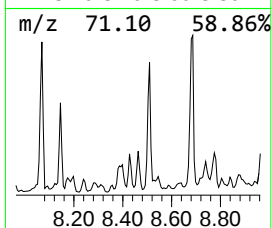
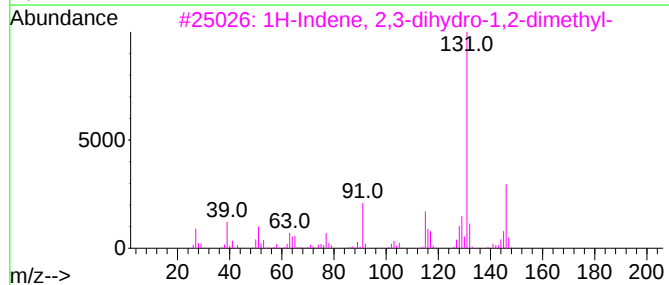
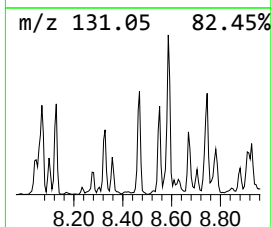
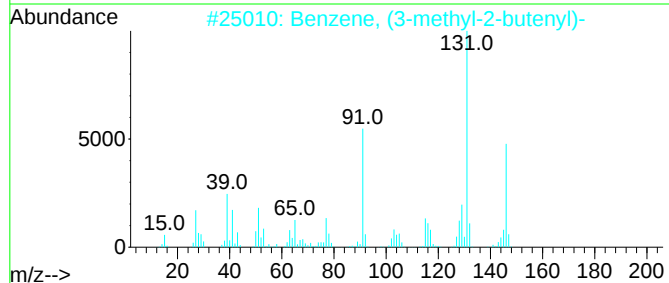
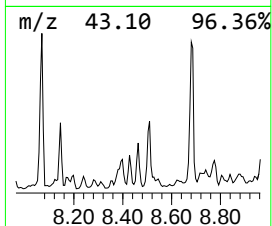
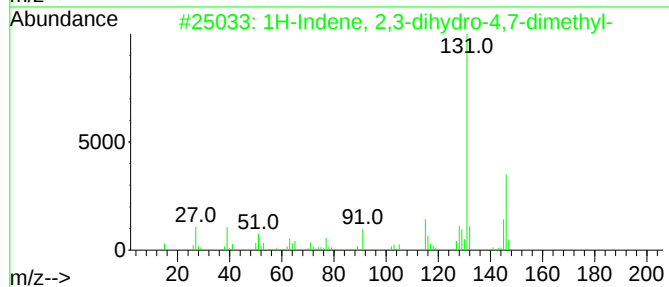
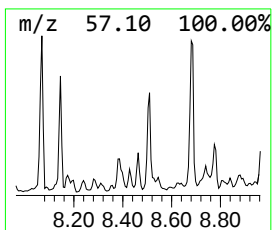
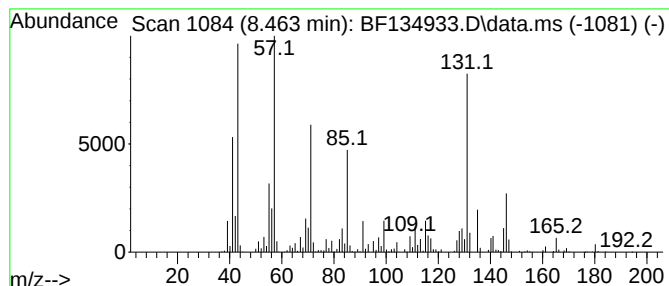
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	7.89 ng	1457830	Naphthalene-d8	8.081

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	50
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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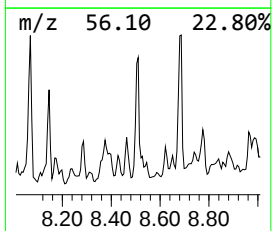
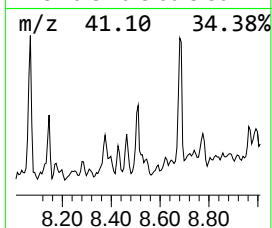
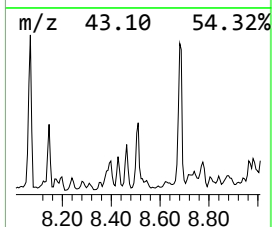
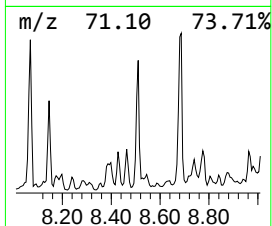
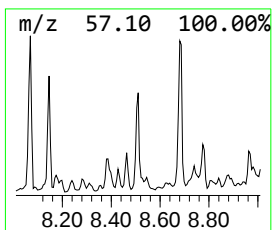
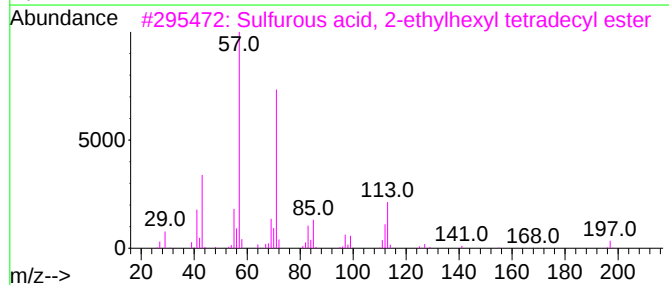
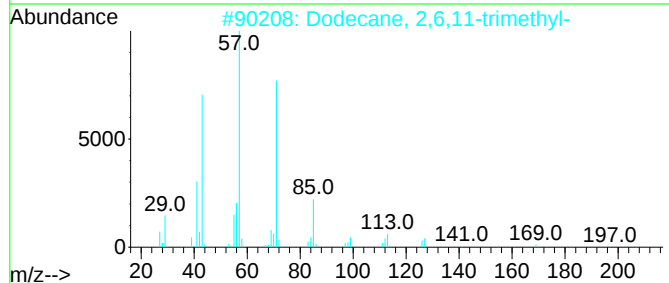
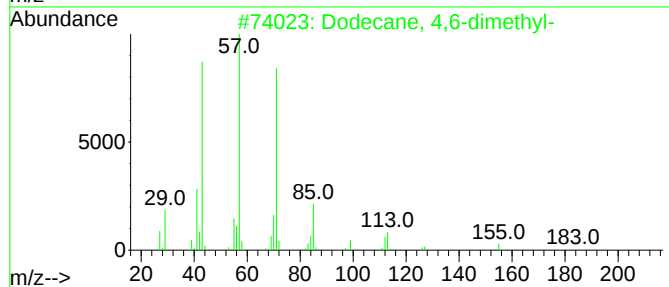
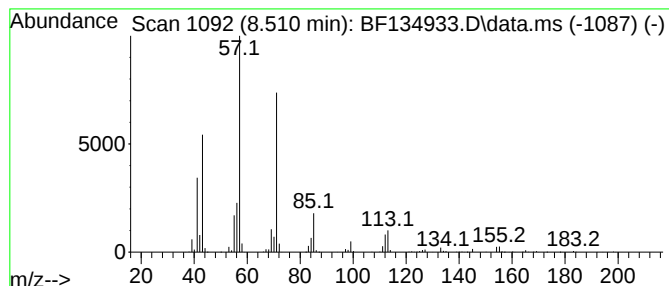
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 4,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.510	10.60 ng	1956620	Naphthalene-d8	8.081

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	78
4			Heptane, 3-[(ethenylloxy)methyl]-	156	C10H20O	000103-44-6	72
5			Tridecane, 5-propyl-	226	C16H34	055045-11-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

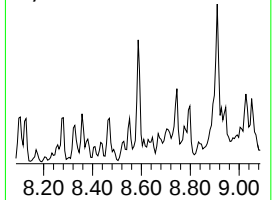
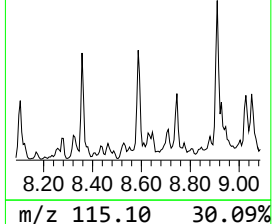
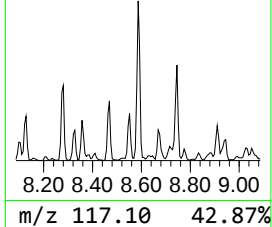
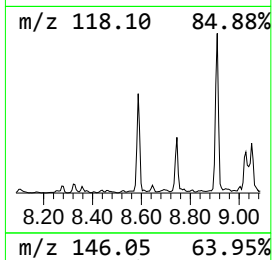
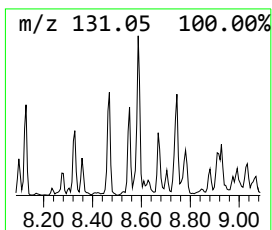
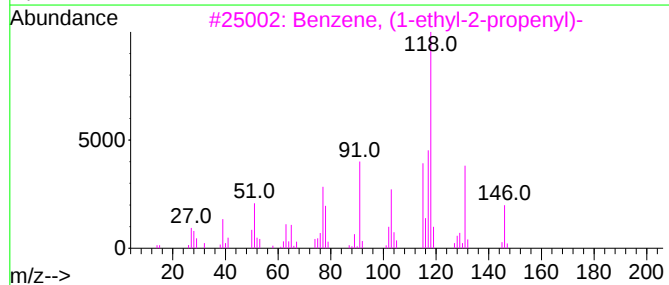
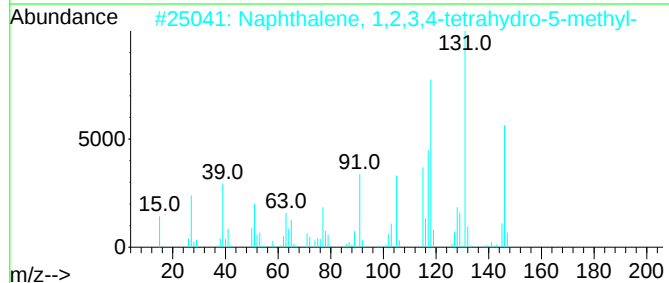
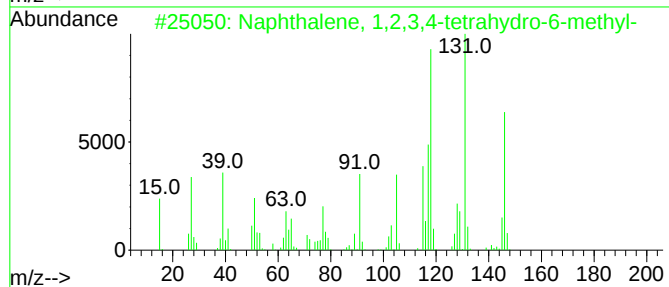
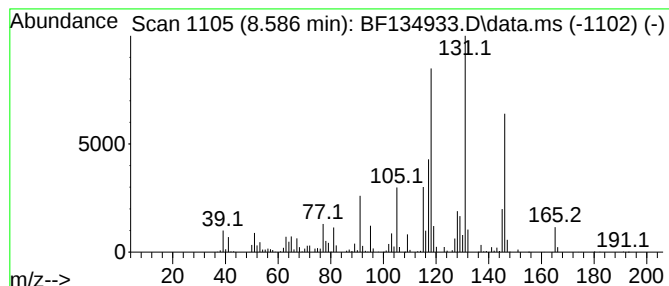
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.586	8.93 ng	1649970	Naphthalene-d8	8.081	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	90
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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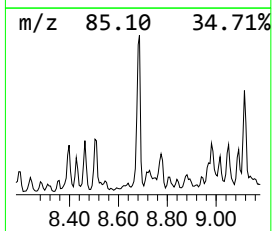
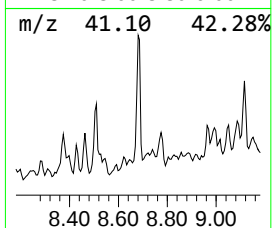
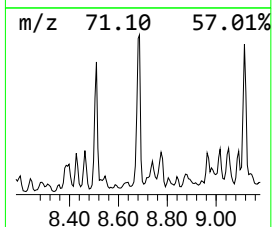
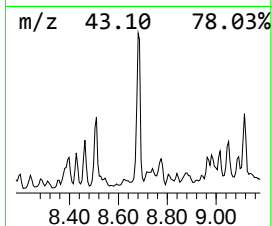
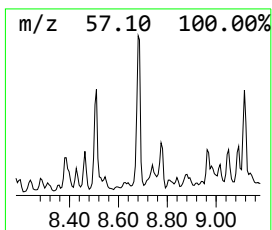
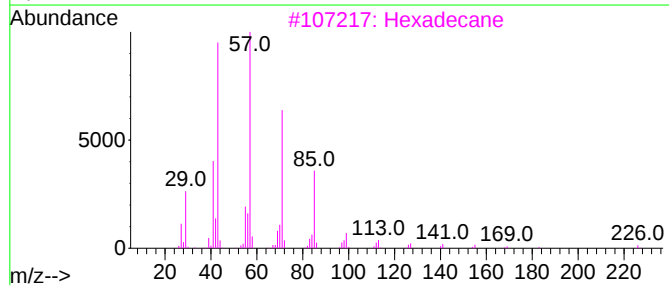
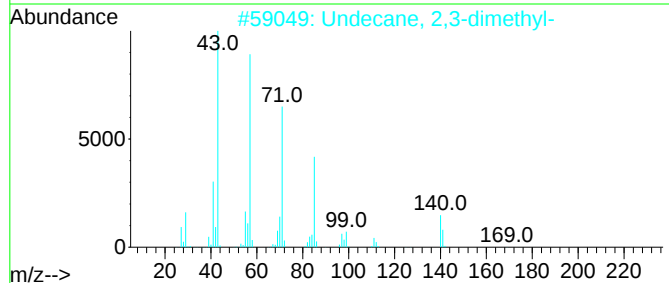
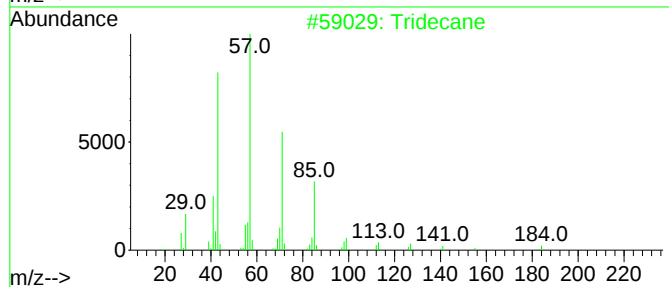
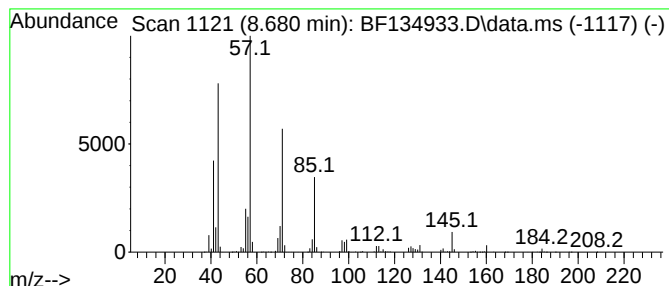
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.680	21.13 ng	3902530	Naphthalene-d8	8.081

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3		Hexadecane	226	C16H34	000544-76-3	83
4		Tetradecane	198	C14H30	000629-59-4	80
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

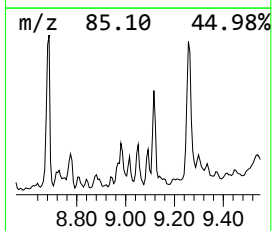
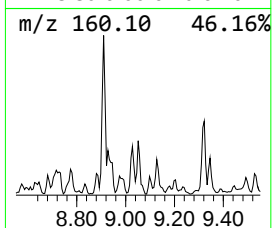
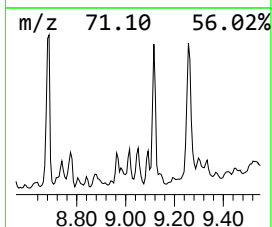
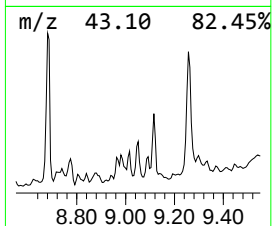
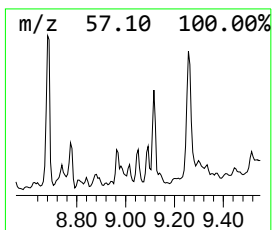
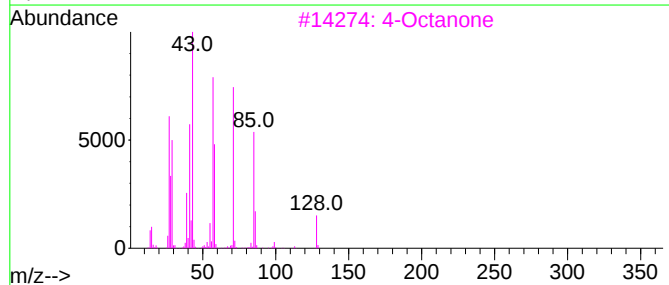
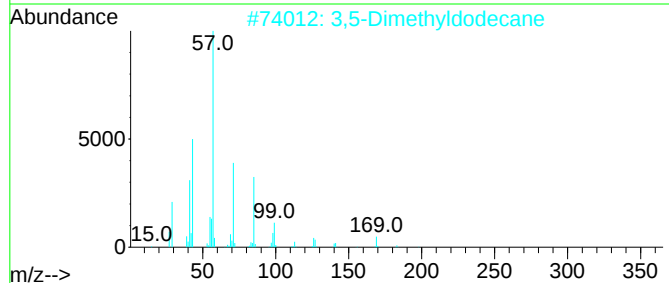
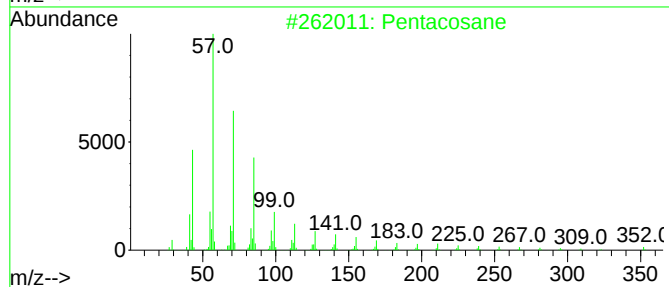
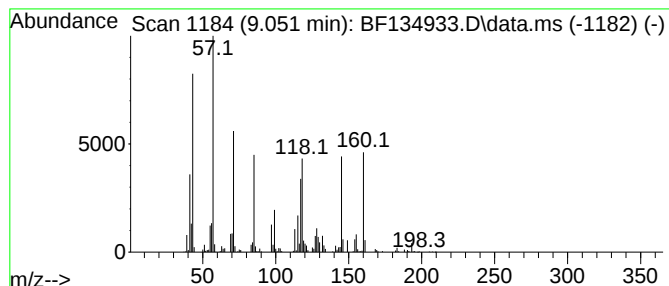
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.051 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.051	11.85 ng	865392	Acenaphthene-d10	9.851	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	38
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	25
3	4-Octanone	128	C8H16O	000589-63-9	25
4	Heneicosane	296	C21H44	000629-94-7	25
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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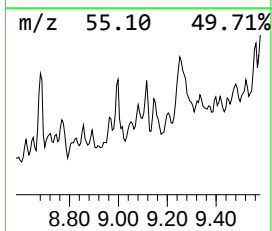
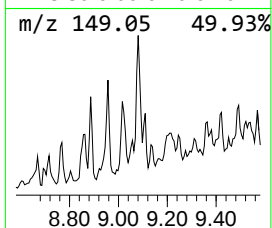
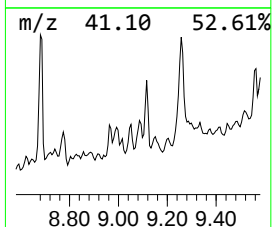
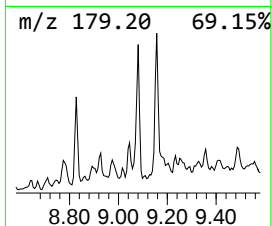
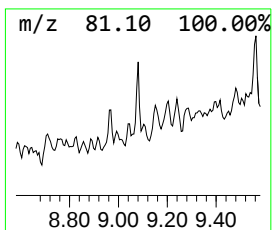
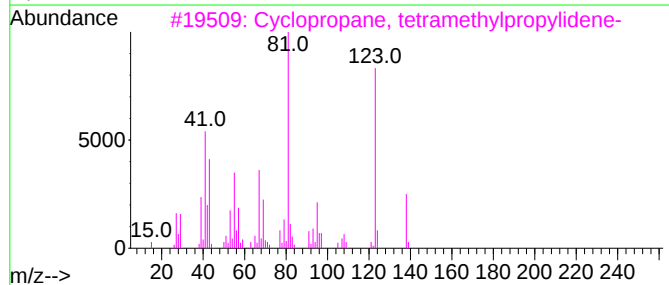
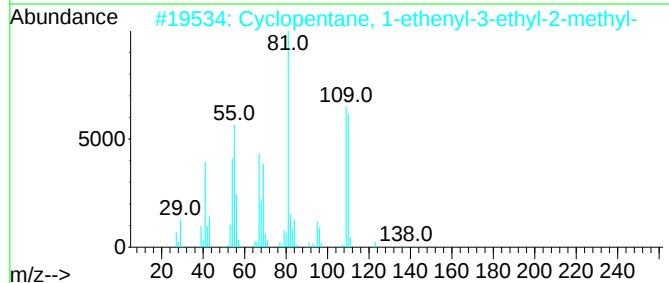
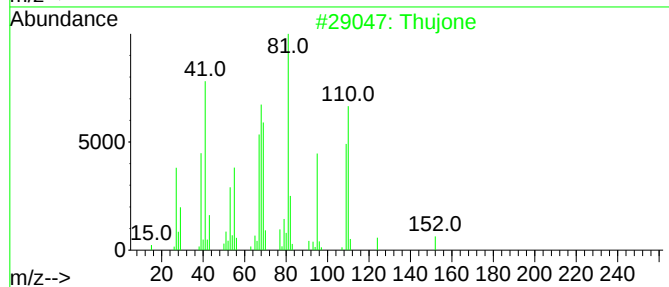
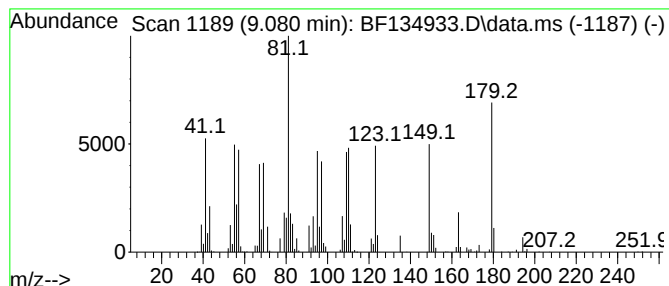
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.080 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.080	13.44 ng	981151	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thujone			152	C10H16O	000546-80-5	47
2	Cyclopentane, 1-ethenyl-3-ethyl-...			138	C10H18	055170-98-4	38
3	Cyclopropane, tetramethylpropyli...			138	C10H18	024519-04-8	35
4	Cyclohexene, 1-ethyl-			110	C8H14	001453-24-3	30
5	1H-Pyrrole, 1-butyl-			123	C8H13N	000589-33-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT2674

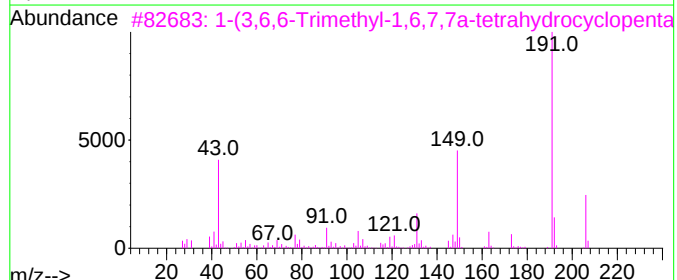
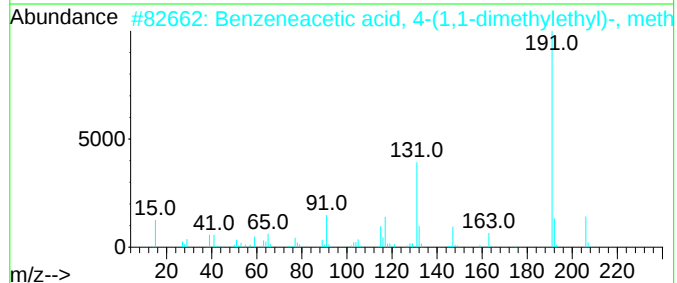
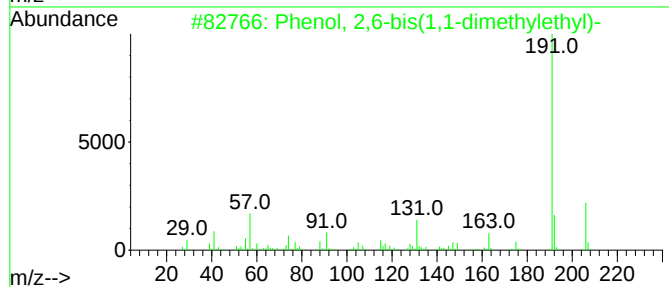
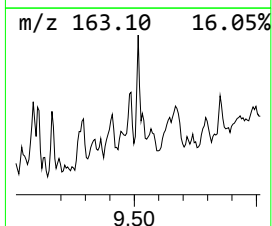
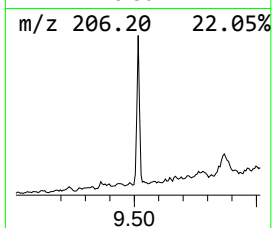
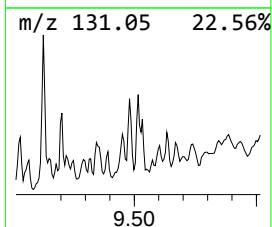
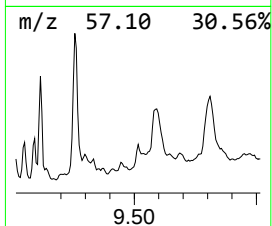
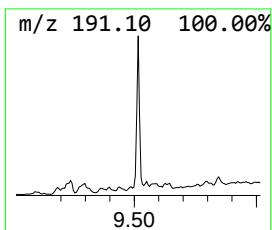
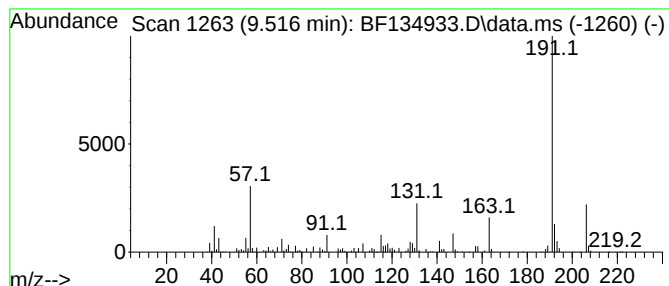
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	18.69 ng	1364650	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	87
2			Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	80
3			1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	72
4			Ethyl 4-t-butylbenzoate	206	C13H18O2	005406-57-5	68
5			3-(4-tert-Butylphenyl)propanoic ...	206	C13H18O2	001208-64-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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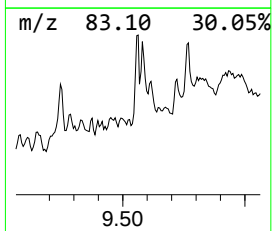
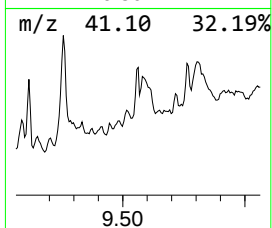
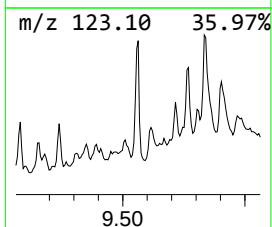
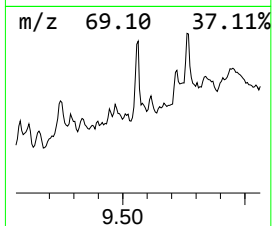
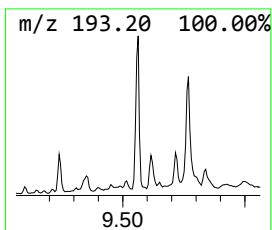
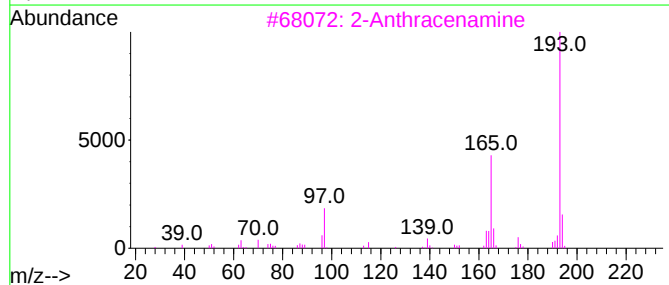
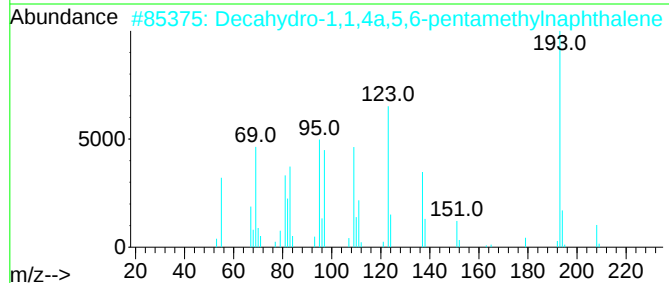
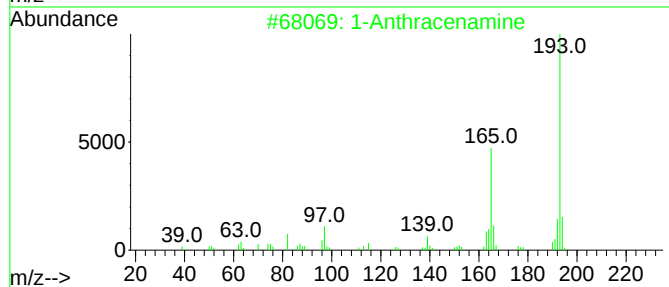
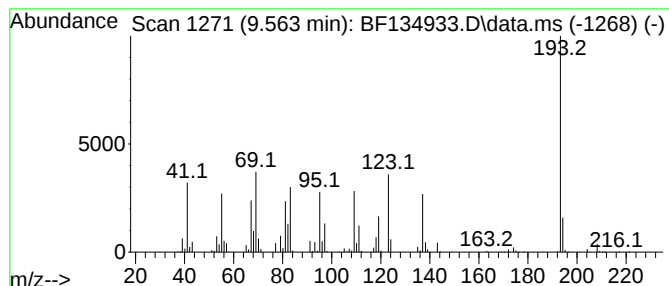
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown9.563 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	25.21 ng	1840600	Acenaphthene-d10	9.851

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Anthracenamine		193	C14H11N	000610-49-1	38
2	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	38
3	2-Anthracenamine		193	C14H11N	000613-13-8	38
4	Pyrazole, 5-methyl-3-(5-nitro-2-...		193	C8H7N3O3	016239-90-0	38
5	3,4-Diethoxy-N-(4,5,6,7-tetrahyd...		346	C18H22N2O3S	1000311-37-1	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2674

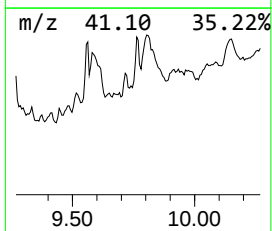
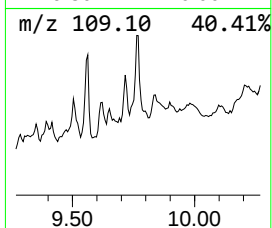
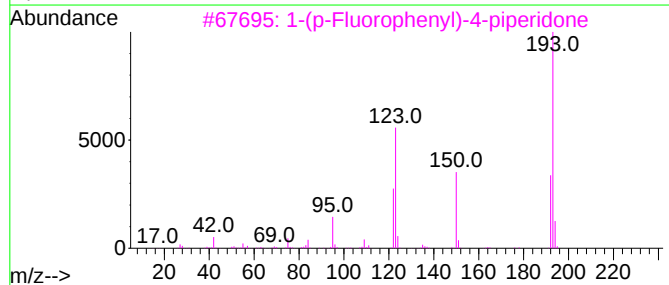
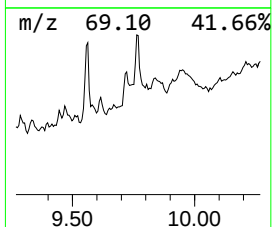
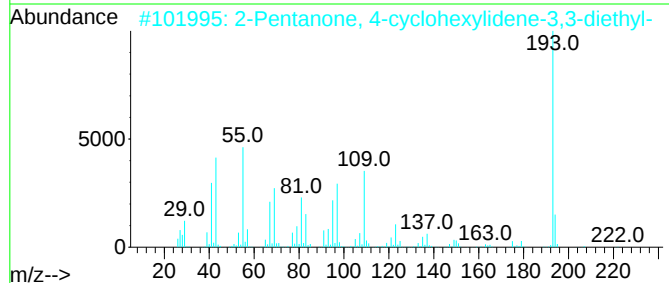
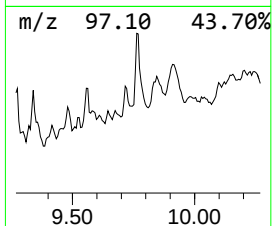
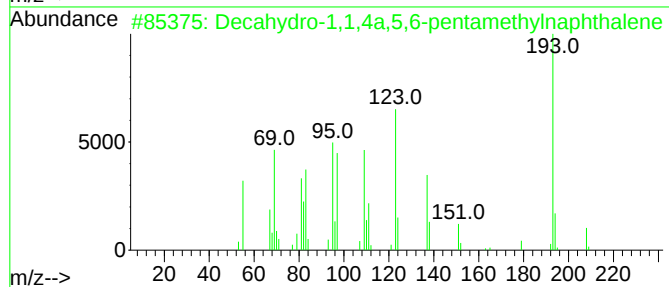
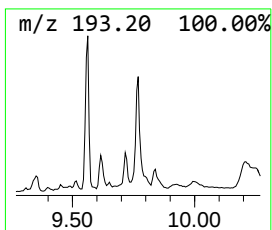
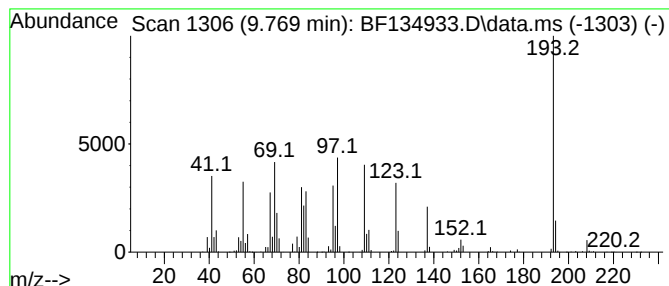
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	20.00 ng	1460370	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	64
2			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	64
3			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
4			Toxoflavin	193	C7H7N5O2	000084-82-2	35
5			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

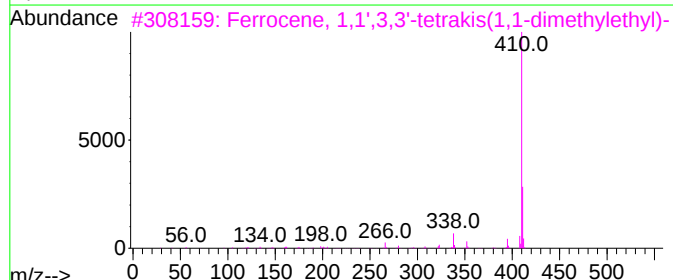
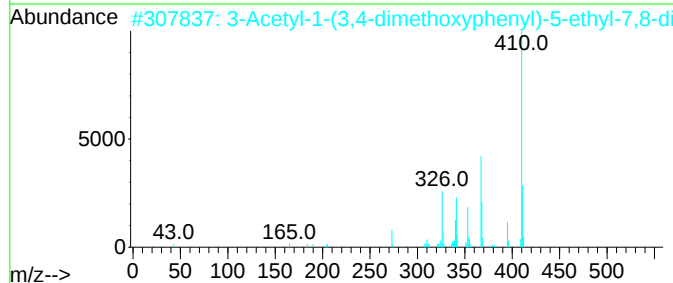
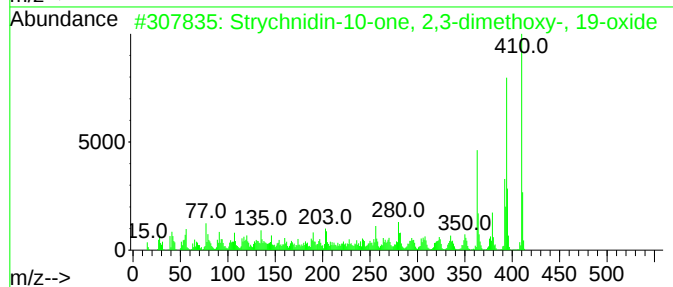
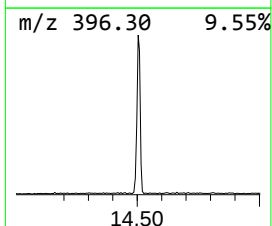
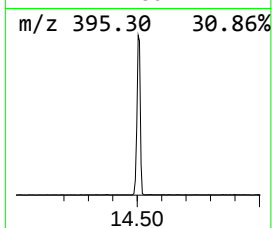
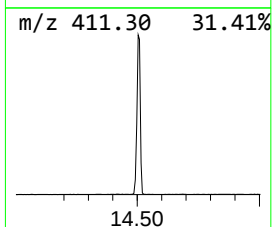
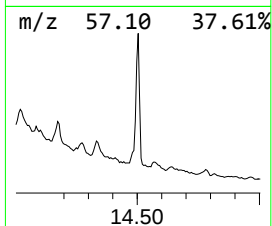
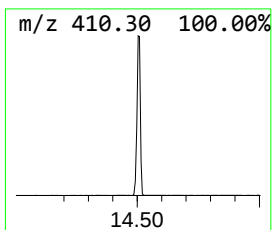
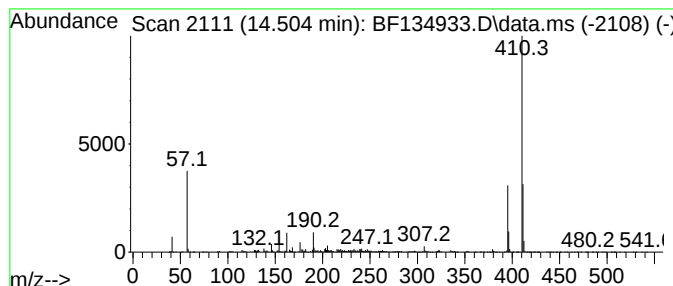
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Strychnidin-10-one, 2,3-dim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.504	20.00 ng	1923160	Chrysene-d12		14.045	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Strychnidin-10-one, 2,3-dimethox...		410	C23H26N2O5	017301-81-4	80
2	3-Acetyl-1-(3,4-dimethoxyphenyl)...		410	C23H26N2O5	090140-65-1	59
3	Ferrocene, 1,1',3,3'-tetrakis(1,...		410	C26H42Fe	001317-17-5	53
4	2'-Hydroxy-3,3',4'-trimethoxycha...		410	C20H17F3O6	1010453-84-8	52
5	Stigmasta-4,6,22-trien-3.beta.-ol		410	C29H46O	096737-58-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134933.D
Acq On : 24 Aug 2023 19:56
Operator : CG\JU
Sample : 04119-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2674

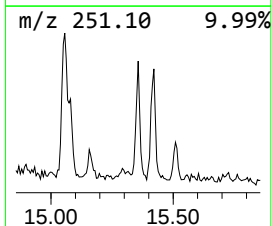
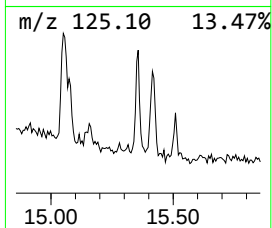
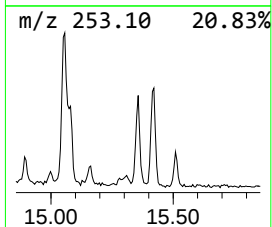
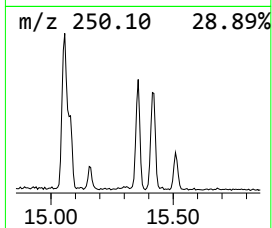
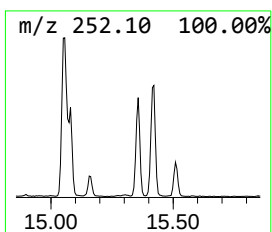
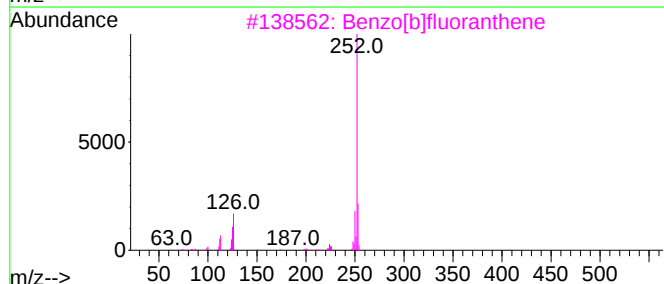
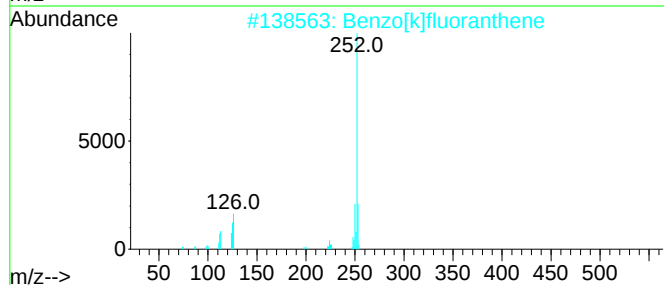
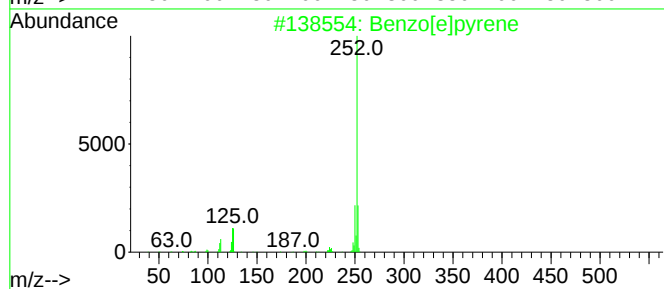
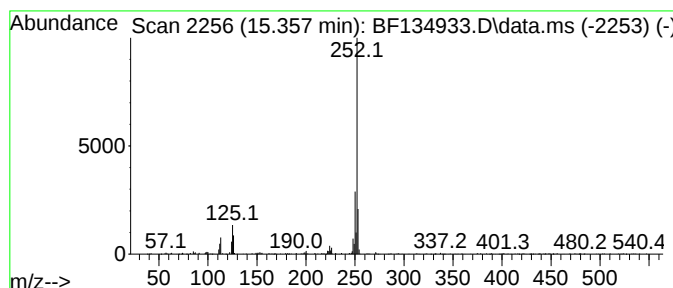
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	14.93 ng	266325	Perylene-d12	15.480

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
 Data File : BF134933.D
 Acq On : 24 Aug 2023 19:56
 Operator : CG\JU
 Sample : 04119-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2674

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
unknown6.328	6.328	6.5	ng	380678	1	6.798	1180870	20.0
Decane	6.634	23.5	ng	1387180	1	6.798	1180870	20.0
Cyclohexane, bu...	6.939	8.2	ng	483611	1	6.798	1180870	20.0
unknown7.075	7.075	13.7	ng	808615	1	6.798	1180870	20.0
Decane, 4-methyl-	7.104	7.6	ng	447140	1	6.798	1180870	20.0
Decane, 2-methyl-	7.134	7.1	ng	419775	1	6.798	1180870	20.0
Benzene, 1-meth...	7.186	16.4	ng	967639	1	6.798	1180870	20.0
6,7-Dimethyl-3H...	8.251	6.4	ng	1174610	2	8.081	3693350	20.0
unknown8.375	8.375	10.6	ng	1957340	2	8.081	3693350	20.0
1H-Indene, 2,3-...	8.463	7.9	ng	1457830	2	8.081	3693350	20.0
Dodecane, 4,6-d...	8.510	10.6	ng	1956620	2	8.081	3693350	20.0
Naphthalene, 1,...	8.586	8.9	ng	1649970	2	8.081	3693350	20.0
Tridecane	8.680	21.1	ng	3902530	2	8.081	3693350	20.0
unknown9.051	9.051	11.9	ng	865392	3	9.851	1460370	20.0
unknown9.080	9.080	13.4	ng	981151	3	9.851	1460370	20.0
Phenol, 2,6-bis...	9.516	18.7	ng	1364650	3	9.851	1460370	20.0
unknown9.563	9.563	25.2	ng	1840600	3	9.851	1460370	20.0
Decahydro-1,1,4...	9.769	20.0	ng	1460370	3	9.851	1460370	20.0
Strychnidin-10-...	14.504	20.0	ng	1923160	5	14.045	1923160	20.0
Benzo[e]pyrene	15.357	14.9	ng	266325	6	15.480	356685	20.0