

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141210.D
 Acq On : 17 Jan 2025 22:57
 Operator : RC/JU
 Sample : Q1118-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-1-16-2025

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-BF011025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141210.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.151	3	10	20	rVB	63577	104471	3.03%	0.144%
2	5.016	484	497	505	rBV	192497	306091	8.88%	0.421%
3	5.422	560	566	572	rBV	2303483	3139399	91.13%	4.319%
4	6.092	676	680	687	rVB	36139	50271	1.46%	0.069%
5	6.257	702	708	713	rBV3	28271	45630	1.32%	0.063%
6	6.339	718	722	726	rVV2	27954	41020	1.19%	0.056%
7	6.439	730	739	746	rVV	2311877	3154634	91.57%	4.340%
8	6.645	769	774	786	rVB2	107075	176061	5.11%	0.242%
9	6.810	797	802	809	rBV	862712	1100618	31.95%	1.514%
10	6.869	809	812	817	rVB2	52024	64769	1.88%	0.089%
11	6.957	824	827	831	rBV4	36098	46546	1.35%	0.064%
12	7.086	838	849	852	rBV4	98993	188319	5.47%	0.259%
13	7.128	852	856	859	rBV2	68520	103805	3.01%	0.143%
14	7.204	864	869	873	rBV2	99156	138468	4.02%	0.191%
15	7.281	878	882	883	rBV	34462	39550	1.15%	0.054%
16	7.369	888	897	901	rBV	1533049	2252099	65.37%	3.098%
17	7.410	901	904	908	rVB	348788	403210	11.70%	0.555%
18	7.457	908	912	916	rVB4	105649	152444	4.42%	0.210%
19	7.498	916	919	920	rBV	41549	46061	1.34%	0.063%
20	7.622	928	940	948	rVB5	203279	562466	16.33%	0.774%
21	7.716	949	956	958	rBV3	128197	260743	7.57%	0.359%
22	7.775	963	966	969	rVB3	105419	134751	3.91%	0.185%
23	7.839	969	977	983	rBV7	174089	504558	14.65%	0.694%
24	7.892	983	986	988	rBV3	57533	72849	2.11%	0.100%
25	7.963	996	998	1001	rBB	53098	50872	1.48%	0.070%
26	7.998	1001	1004	1007	rBV	66345	71706	2.08%	0.099%
27	8.086	1007	1019	1027	rBV2	1270807	3007842	87.31%	4.138%
28	8.151	1027	1030	1034	rVV2	313086	447968	13.00%	0.616%
29	8.186	1034	1036	1043	rVB6	108832	163376	4.74%	0.225%
30	8.269	1043	1050	1051	rBV3	96304	194859	5.66%	0.268%
31	8.292	1051	1054	1059	rVB4	132515	181290	5.26%	0.249%
32	8.386	1065	1070	1076	rBV6	279338	477860	13.87%	0.657%
33	8.439	1076	1079	1082	rVV2	142692	158863	4.61%	0.219%
34	8.475	1082	1085	1088	rVV3	210249	237931	6.91%	0.327%
35	8.516	1088	1092	1097	rBV	317057	445108	12.92%	0.612%
36	8.598	1102	1106	1109	rBV2	358390	455556	13.22%	0.627%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.686	1116	1121	1125	rBV	1016370	1323940	38.43%	1.822%
38	8.751	1129	1132	1134	rVV2	102359	119780	3.48%	0.165%
39	8.845	1145	1148	1150	rBV3	65229	88182	2.56%	0.121%
40	8.910	1155	1159	1165	rVV4	325167	554525	16.10%	0.763%
41	8.969	1166	1169	1172	rBV4	100217	140360	4.07%	0.193%
42	9.045	1179	1182	1186	rVB2	251104	368760	10.70%	0.507%
43	9.116	1191	1194	1198	rVV2	384991	526012	15.27%	0.724%
44	9.169	1198	1203	1207	rVB	2599403	3328393	96.61%	4.579%
45	9.204	1207	1209	1212	rVB2	78045	75969	2.21%	0.105%
46	9.251	1212	1217	1222	rBV	1286491	1777874	51.61%	2.446%
47	9.316	1225	1228	1234	rVB	233063	342632	9.95%	0.471%
48	9.504	1253	1260	1262	rBV4	305752	630119	18.29%	0.867%
49	9.569	1266	1271	1274	rVV4	605935	1058710	30.73%	1.457%
50	9.627	1278	1281	1284	rVB2	250594	302267	8.77%	0.416%
51	9.710	1292	1295	1299	rVB3	97629	141673	4.11%	0.195%
52	9.780	1303	1307	1311	rVV	1213549	1478130	42.91%	2.034%
53	9.845	1311	1318	1321	rVV	981618	1432979	41.59%	1.972%
54	9.874	1321	1323	1327	rVB	157746	184965	5.37%	0.254%
55	10.016	1342	1347	1348	rBV2	194991	290236	8.42%	0.399%
56	10.104	1358	1362	1365	rVB5	233280	316245	9.18%	0.435%
57	10.280	1387	1392	1396	rBV	1102015	1381009	40.09%	1.900%
58	10.392	1407	1411	1417	rBV2	225103	419456	12.18%	0.577%
59	10.498	1424	1429	1435	rBV	487983	746843	21.68%	1.028%
60	10.551	1435	1438	1442	rBV2	204313	254539	7.39%	0.350%
61	10.633	1447	1452	1456	rVB	1302107	1771645	51.42%	2.437%
62	10.757	1468	1473	1481	rVB	1168182	1894381	54.99%	2.606%
63	11.204	1544	1549	1551	rBV	779541	1050858	30.50%	1.446%
64	11.227	1551	1553	1559	rVB2	447887	616453	17.89%	0.848%
65	11.333	1566	1571	1572	rBV	793620	1010827	29.34%	1.391%
66	11.357	1572	1575	1579	rVV	1124498	1474633	42.80%	2.029%
67	11.404	1580	1583	1587	rVB	277312	357400	10.37%	0.492%
68	11.627	1617	1621	1625	rBV	683173	831437	24.13%	1.144%
69	11.727	1635	1638	1644	rVB2	213309	301394	8.75%	0.415%
70	11.833	1653	1656	1657	rBV	130812	134392	3.90%	0.185%
71	11.863	1657	1661	1666	rVB	843456	1038550	30.15%	1.429%
72	11.945	1671	1675	1683	rVB	400961	777673	22.57%	1.070%
73	12.033	1686	1690	1695	rBV	506108	644306	18.70%	0.886%
74	12.380	1746	1749	1751	rBV	192221	228587	6.64%	0.314%
75	12.421	1751	1756	1762	rVB3	953446	1930527	56.04%	2.656%
76	12.545	1772	1777	1780	rBV	2179332	3261274	94.66%	4.487%

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77	12.574	1780	1782	1791	rVB	1381388	2006313	58.24%	2.760%
78	12.651	1791	1795	1800	rBV2	235596	333193	9.67%	0.458%
79	12.774	1810	1816	1823	rBV	1873572	3063346	88.92%	4.215%
80	12.921	1832	1841	1848	rVB	2335057	3445111	100.00%	4.740%
81	12.992	1849	1853	1856	rBV2	151885	244872	7.11%	0.337%
82	13.098	1868	1871	1876	rVB2	332809	462193	13.42%	0.636%
83	13.163	1877	1882	1886	rBV2	353476	636260	18.47%	0.875%
84	13.204	1886	1889	1892	rBV2	200641	250868	7.28%	0.345%
85	13.327	1908	1910	1914	rVB	137766	142939	4.15%	0.197%
86	13.498	1936	1939	1946	rVB2	178669	265330	7.70%	0.365%
87	13.821	1990	1994	2003	rVB2	334994	532150	15.45%	0.732%
88	13.968	2013	2019	2022	rBV2	1469702	2535605	73.60%	3.489%
89	13.998	2022	2024	2030	rVB	878988	1013317	29.41%	1.394%
90	14.868	2168	2172	2177	rVB	480212	731523	21.23%	1.006%
91	15.004	2191	2195	2204	rVB	690121	1504193	43.66%	2.070%
92	15.304	2242	2246	2251	rVB	376917	593978	17.24%	0.817%
93	15.362	2252	2256	2262	rBV	525439	757457	21.99%	1.042%
94	15.427	2263	2267	2270	rBV	388254	575181	16.70%	0.791%

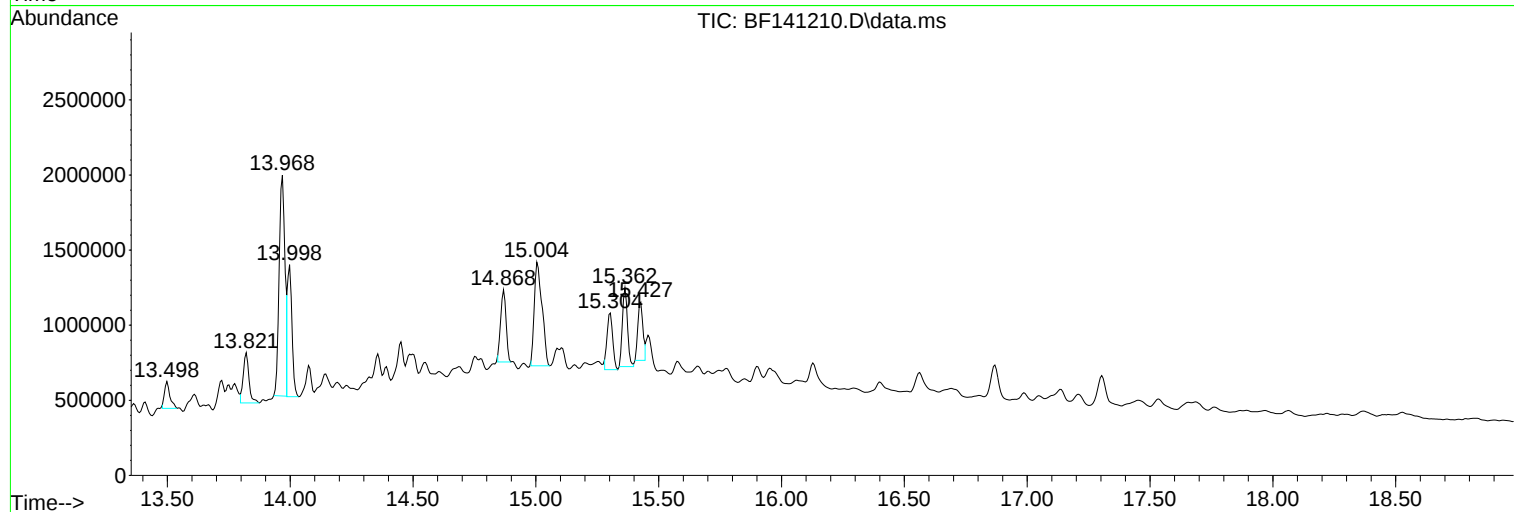
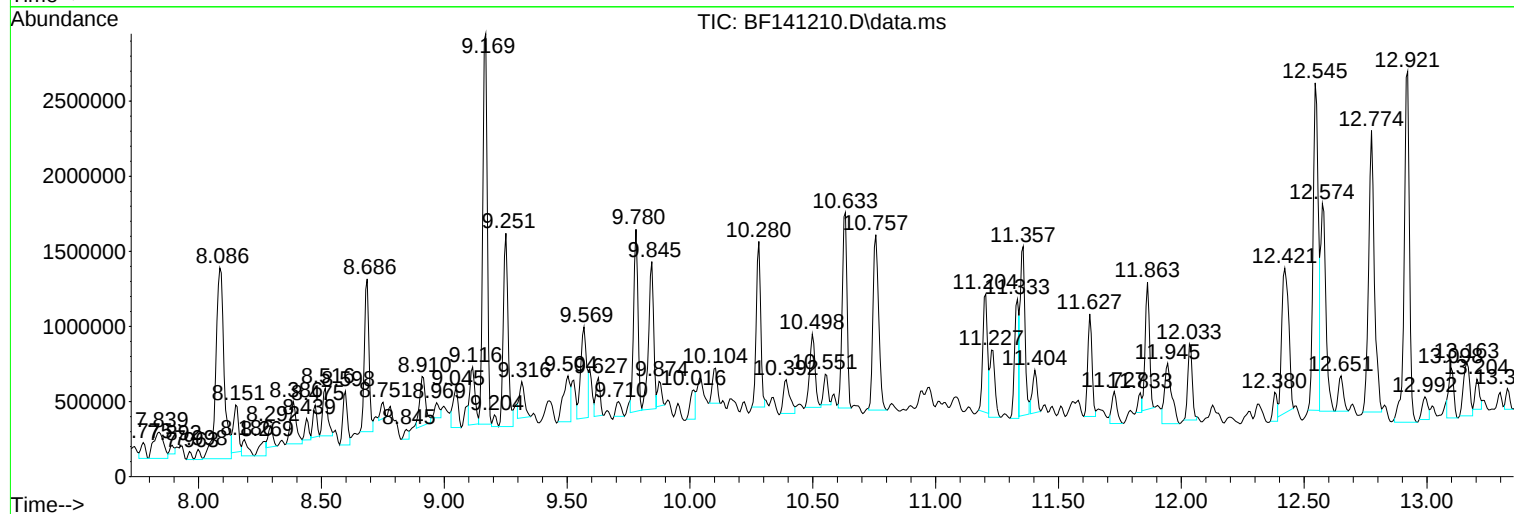
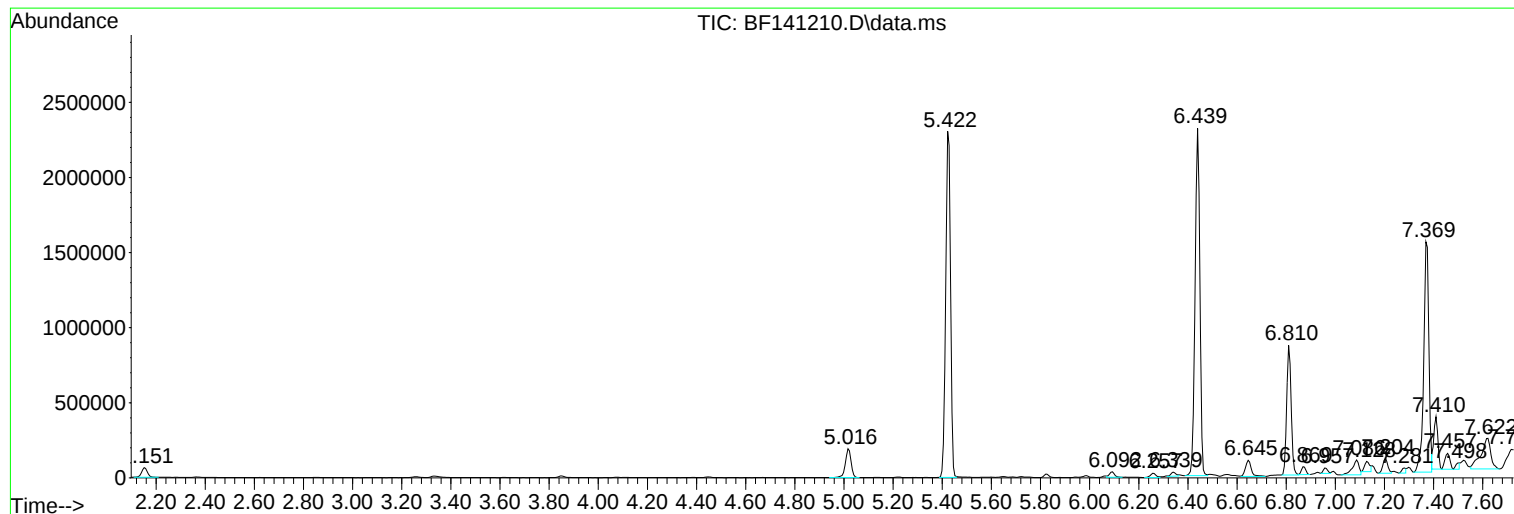
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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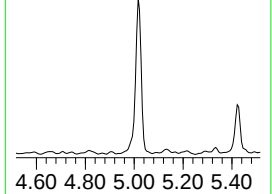
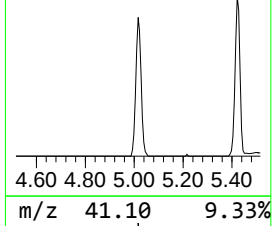
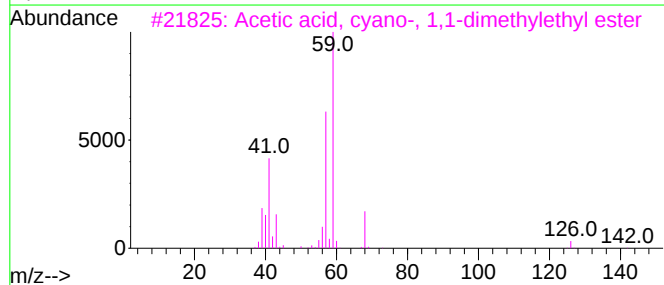
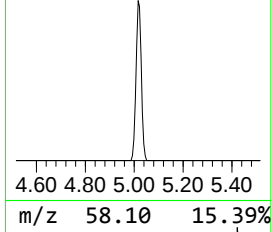
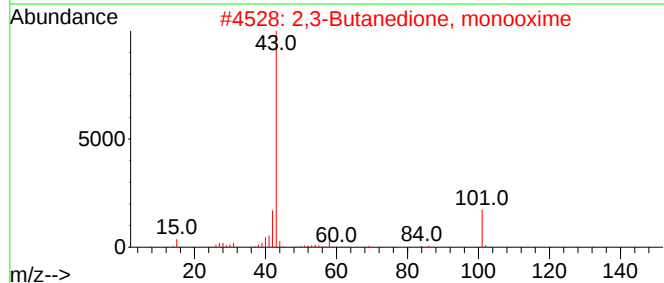
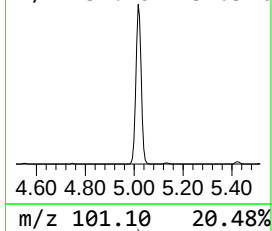
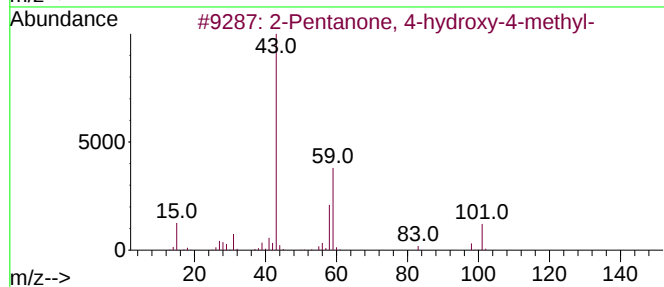
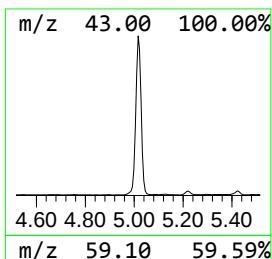
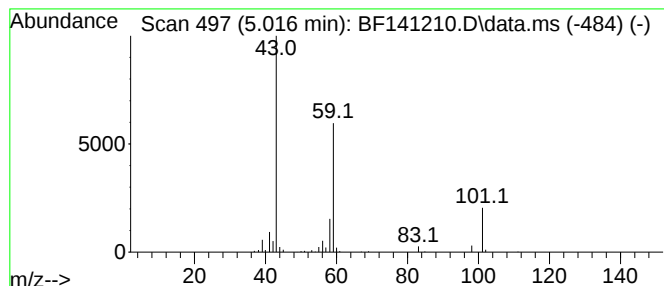
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	5.56 ng	306091	1,4-Dichlorobenzene-d4	6.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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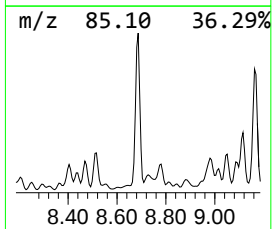
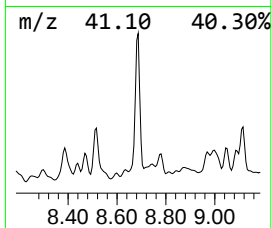
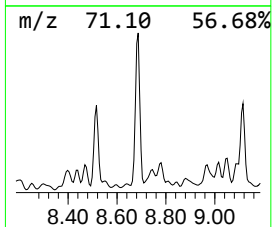
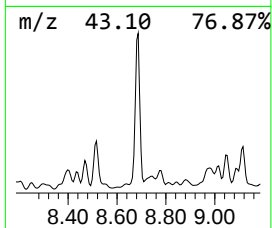
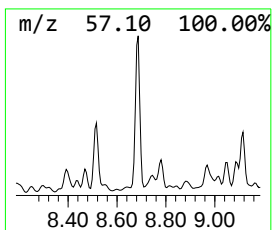
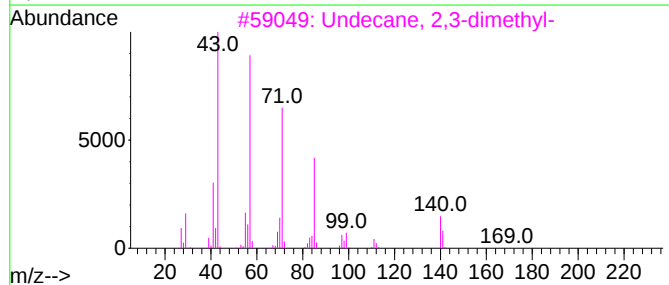
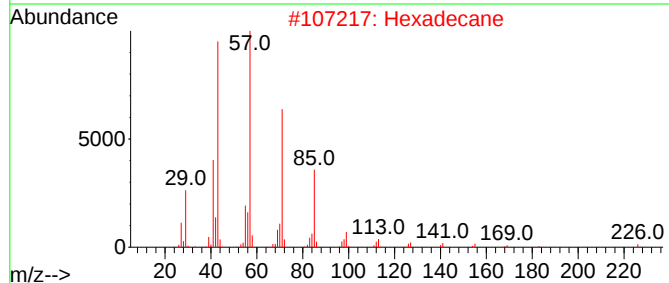
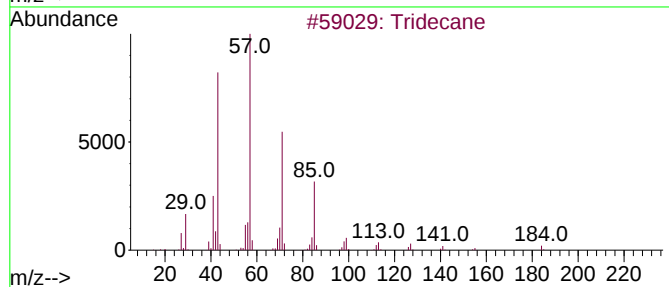
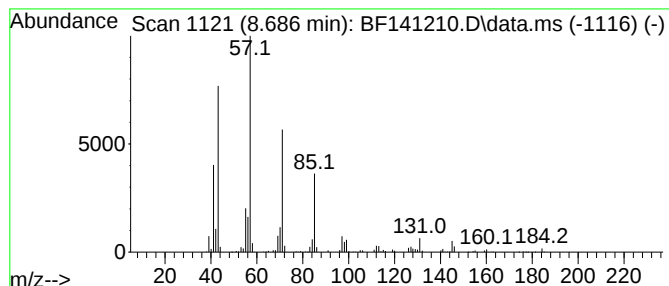
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.686	8.80 ng	1323940	Naphthalene-d8	8.092

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		Pentadecane	212	C15H32	000629-62-9	80
5		Tetradecane	198	C14H30	000629-59-4	80



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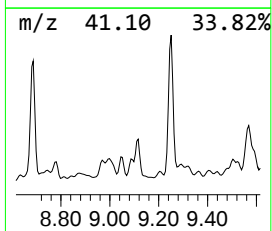
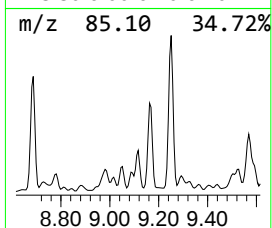
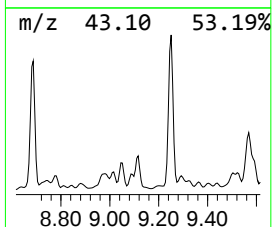
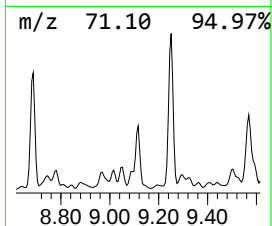
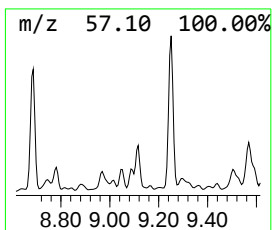
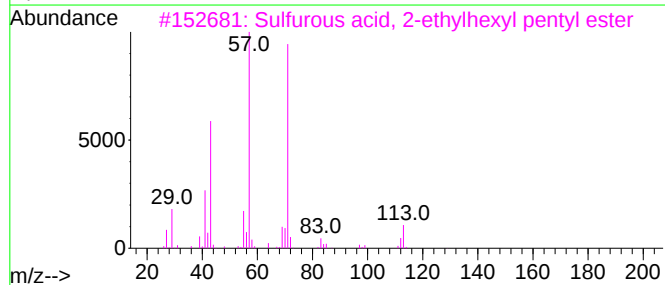
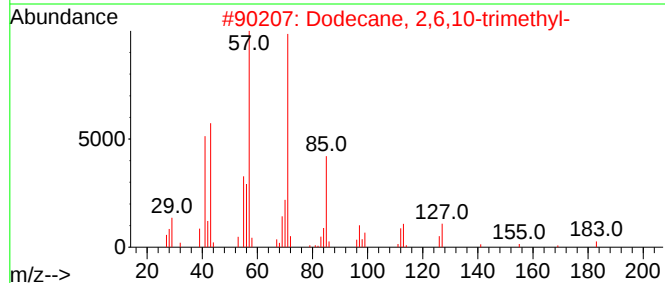
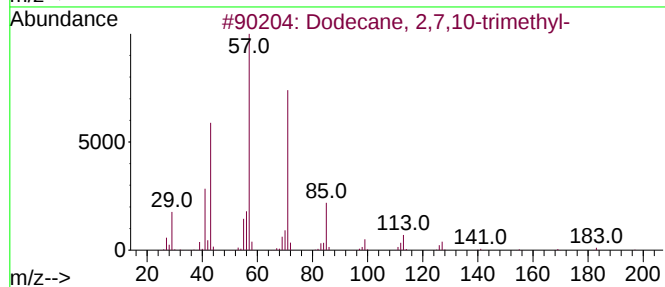
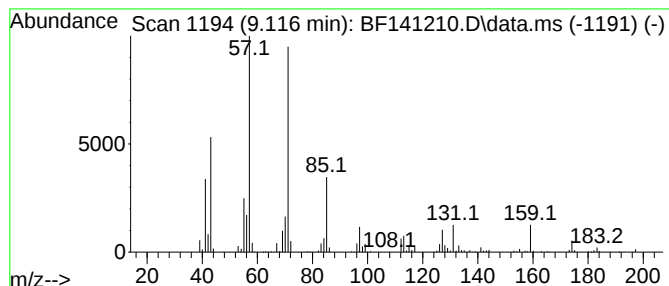
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.116	7.34 ng	526012	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
3			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	47
5			Octane, 3-ethyl-	142	C10H22	005881-17-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
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Acq On : 17 Jan 2025 22:57
Operator : RC/JU
Sample : Q1118-01
Misc :
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ClientSampleId :
OK-01-16-2025

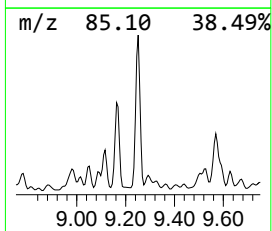
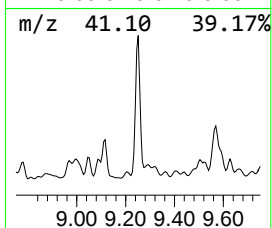
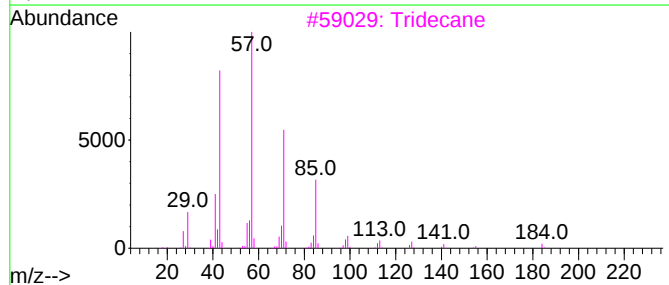
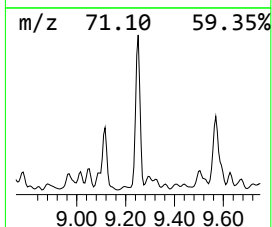
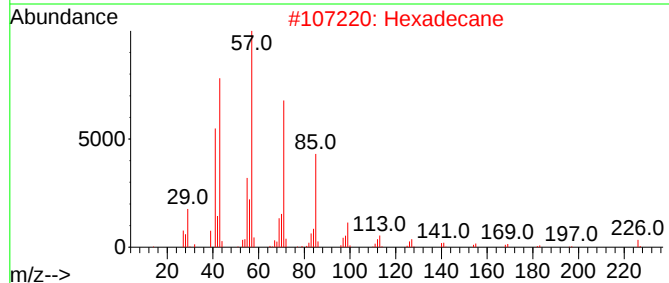
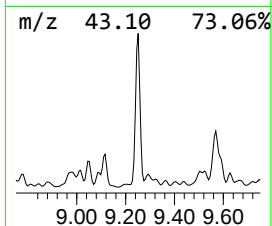
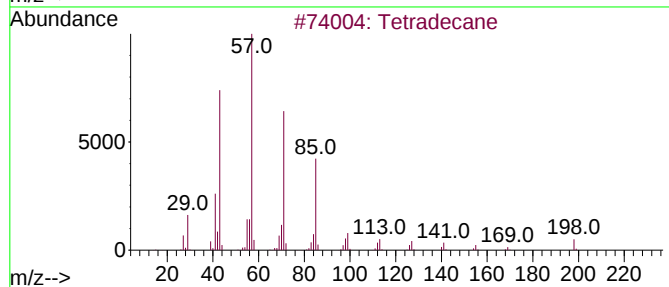
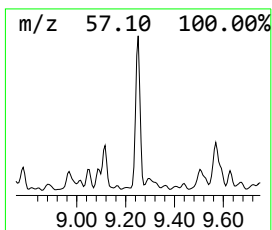
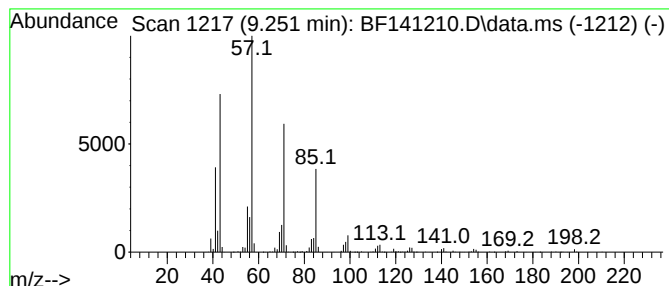
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.251	24.81 ng	1777870	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
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ClientSampleId :
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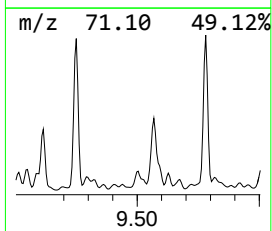
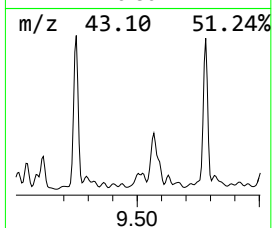
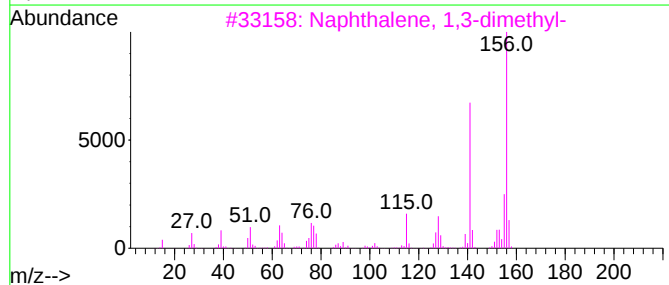
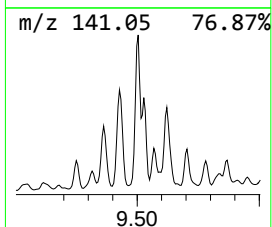
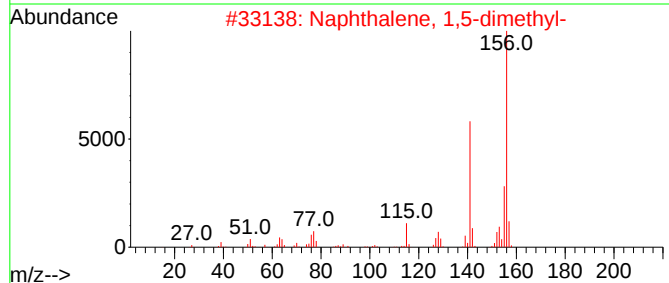
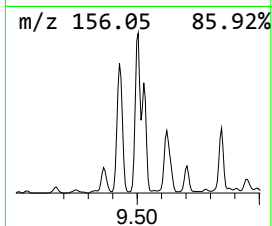
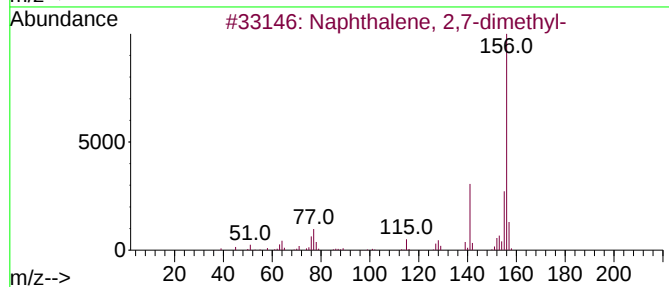
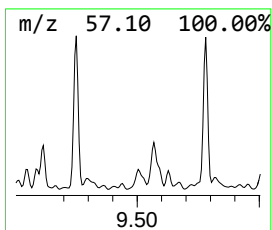
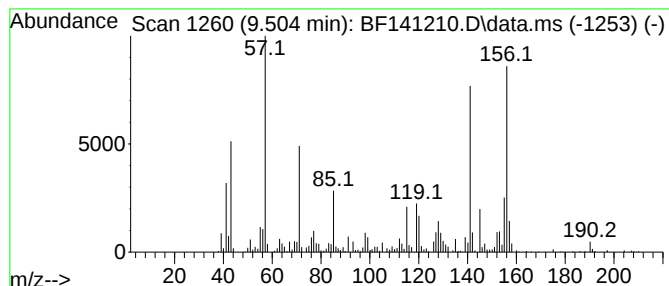
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	8.79 ng	630119	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
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ClientSampleId :
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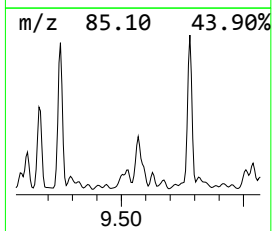
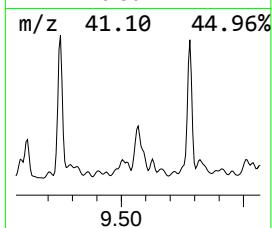
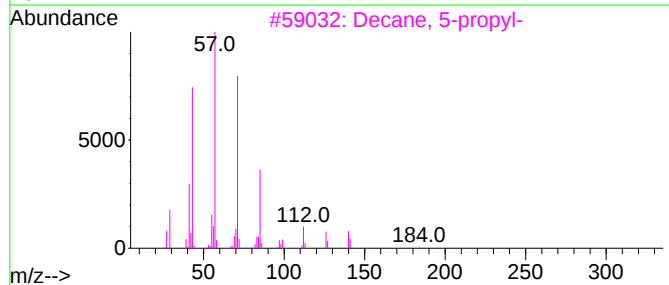
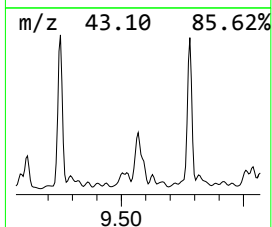
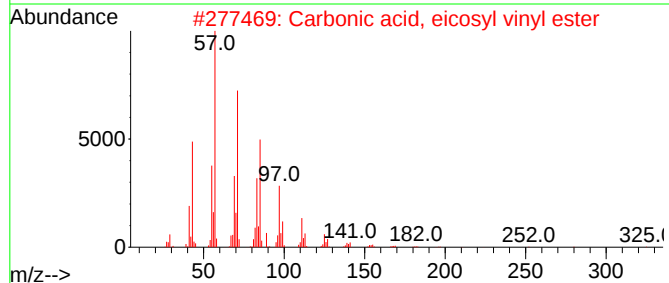
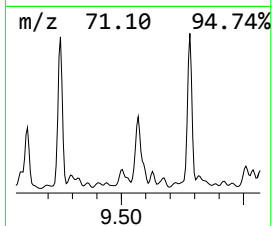
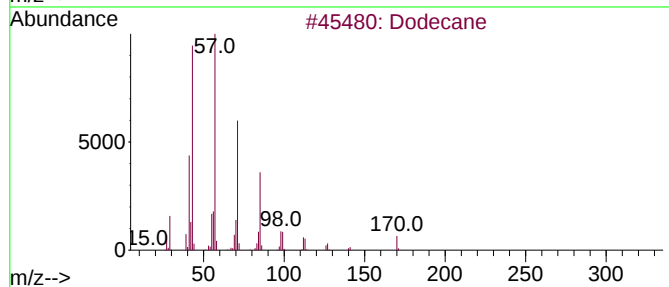
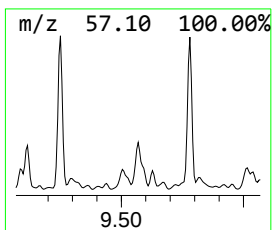
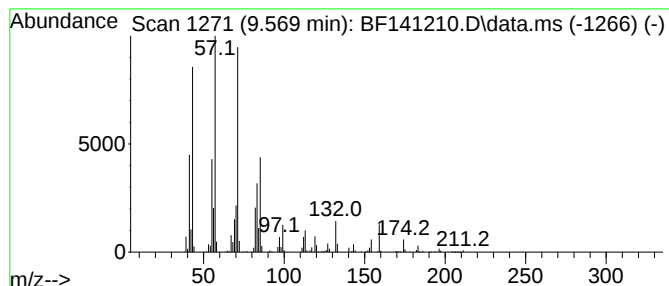
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	14.78 ng	1058710	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	70
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
3			Decane, 5-propyl-	184	C13H28	017312-62-8	60
4			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	58
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
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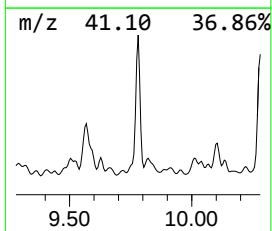
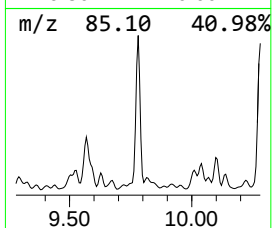
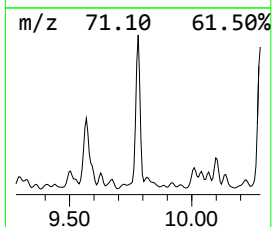
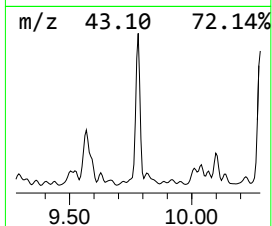
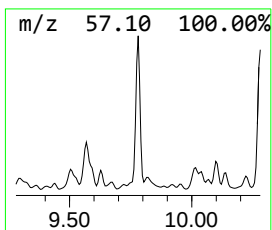
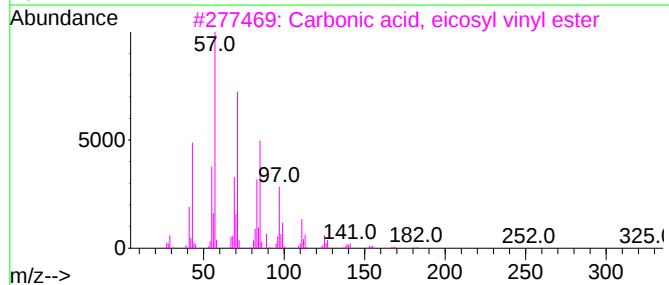
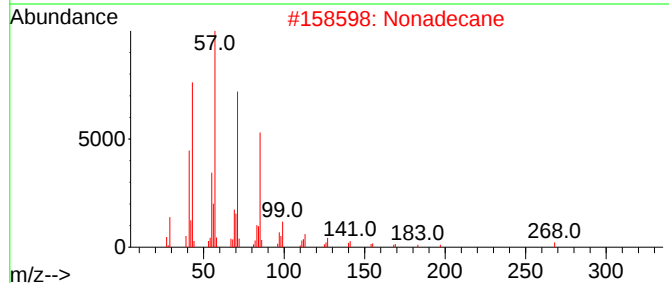
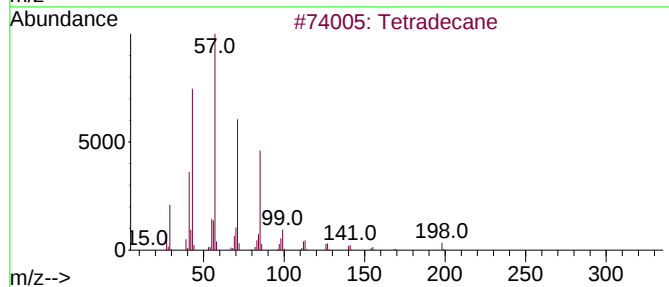
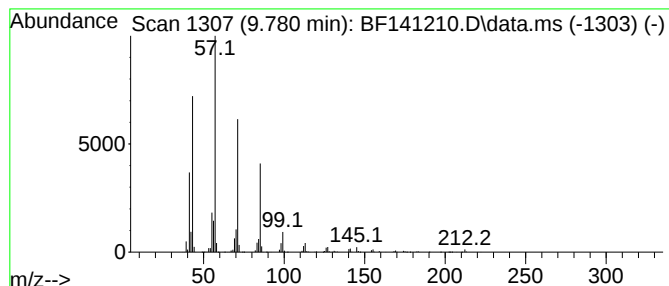
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	20.63 ng	1478130	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Nonadecane	268	C19H40	000629-92-5	90
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
4			Tridecane	184	C13H28	000629-50-5	80
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
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Instrument :
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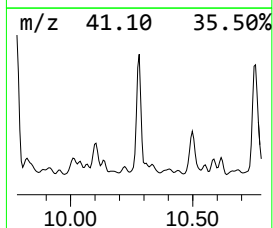
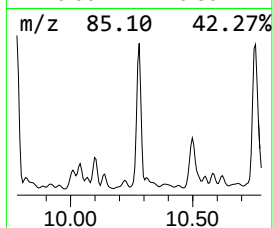
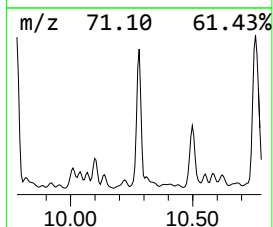
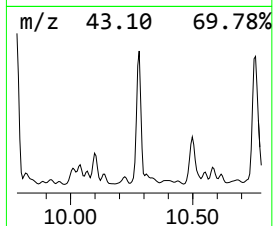
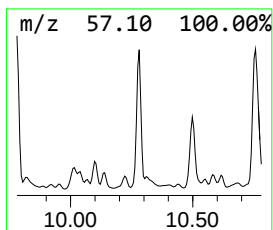
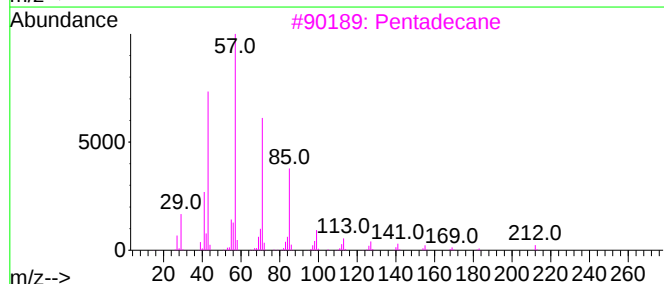
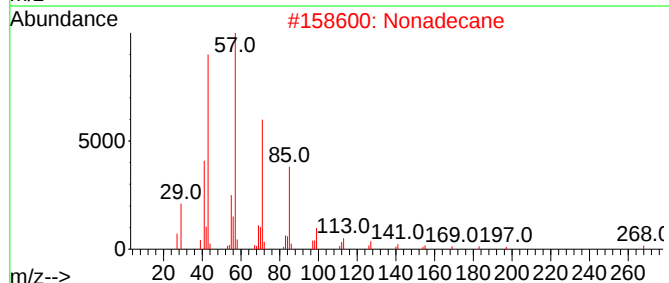
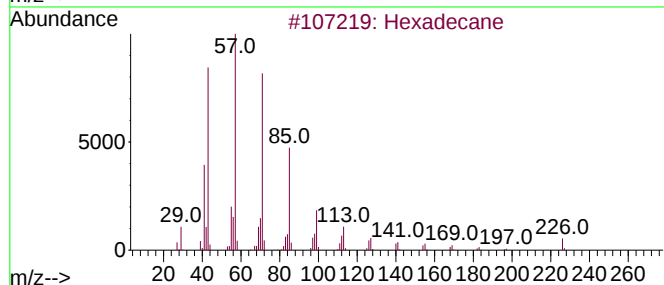
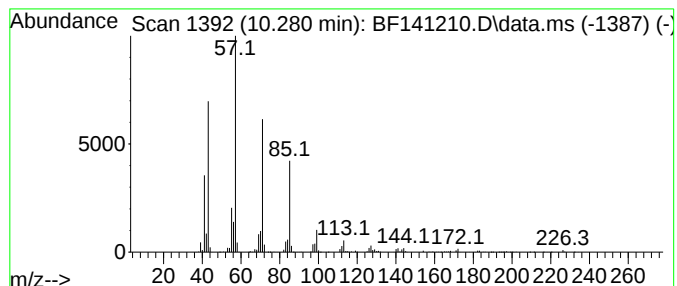
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.280	19.27 ng	1381010	Acenaphthene-d10	9.845

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Nonadecane	268	C19H40	000629-92-5	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
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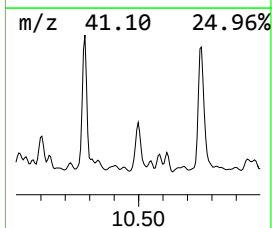
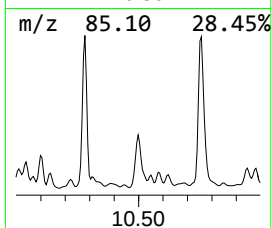
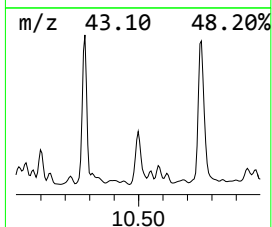
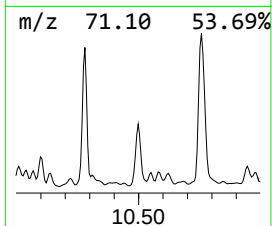
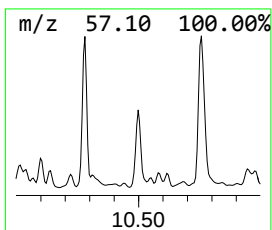
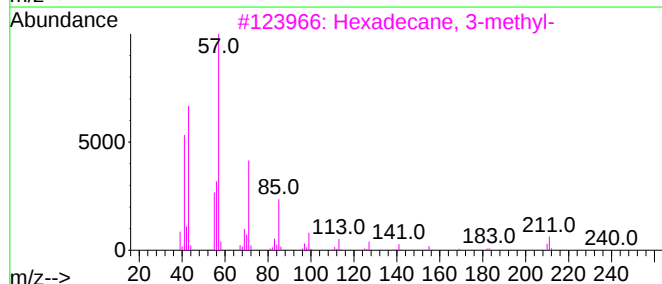
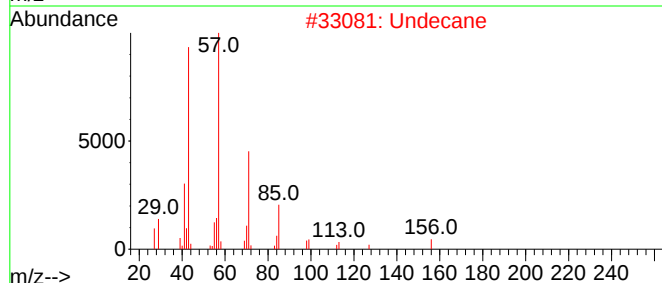
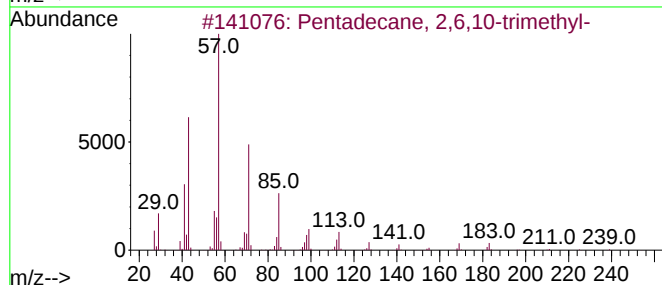
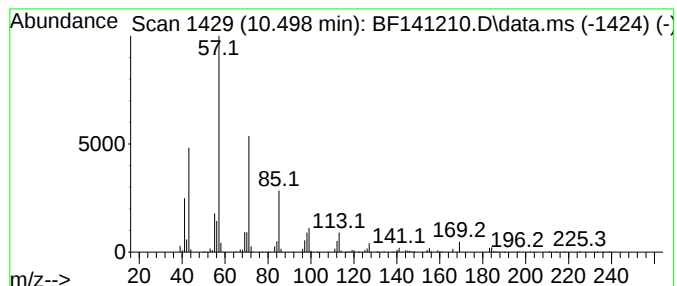
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.498	10.42 ng	746843	Acenaphthene-d10	9.845	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Undecane	156	C11H24	001120-21-4	87
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Tridecane	184	C13H28	000629-50-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
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ClientSampleId :
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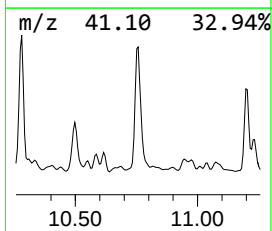
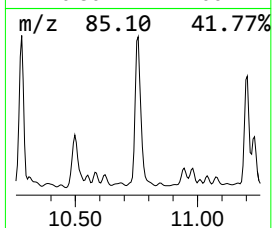
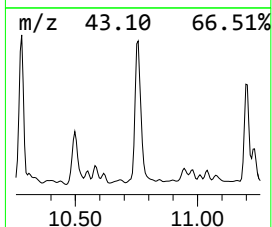
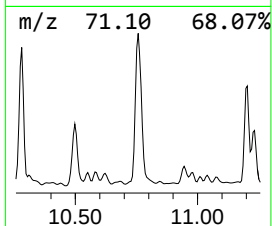
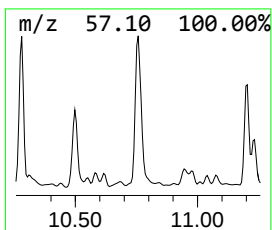
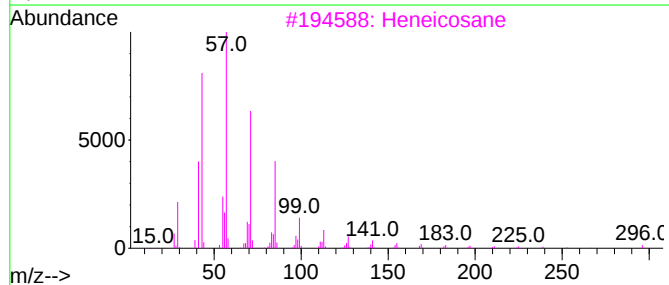
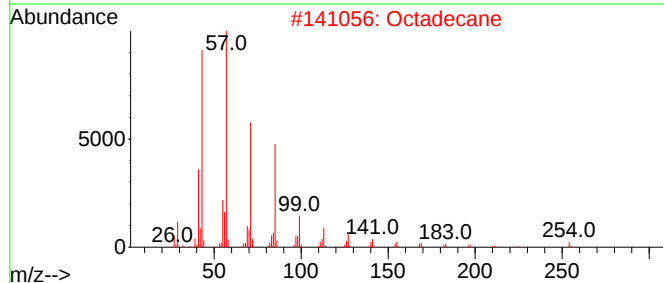
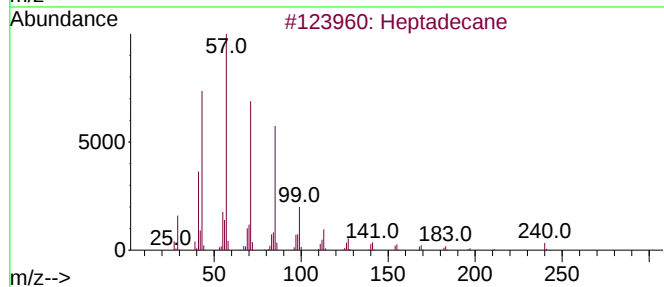
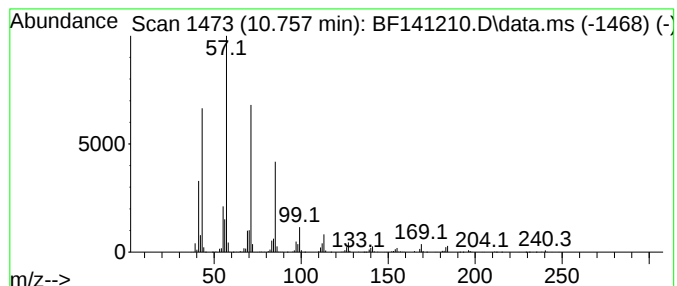
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	37.48 ng	1894380	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Octadecane	254	C18H38	000593-45-3	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
Acq On : 17 Jan 2025 22:57
Operator : RC/JU
Sample : Q1118-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-1-16-2025

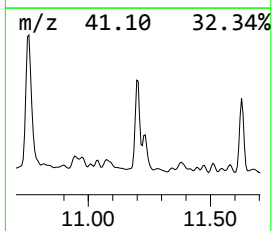
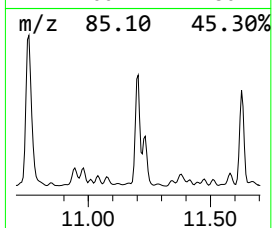
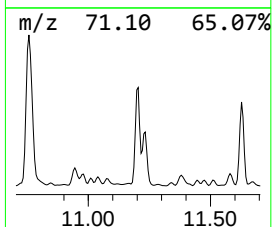
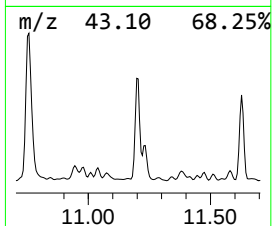
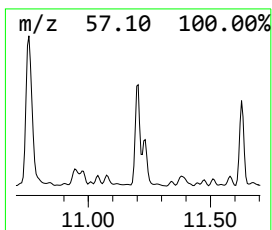
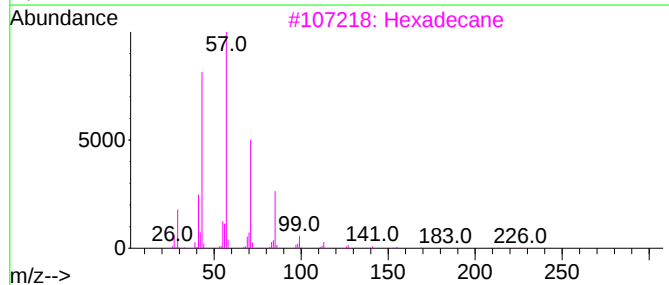
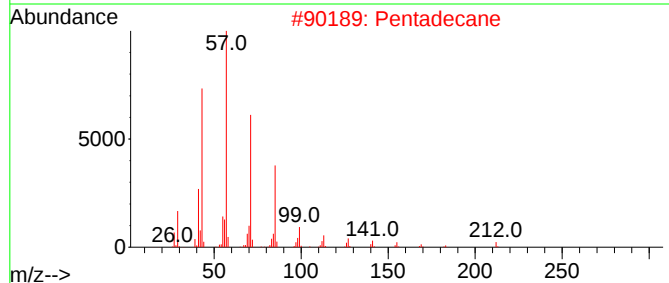
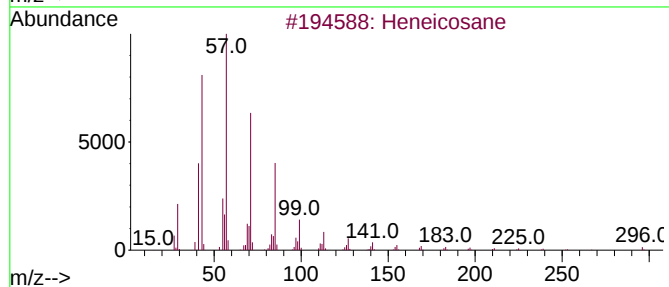
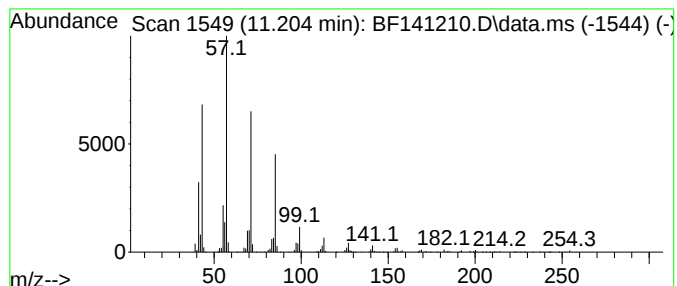
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	20.79 ng	1050860	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Pentadecane	212	C15H32	000629-62-9	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tetradecane	198	C14H30	000629-59-4	87
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
Acq On : 17 Jan 2025 22:57
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Sample : Q1118-01
Misc :
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Instrument :
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ClientSampleId :
OK-01-16-2025

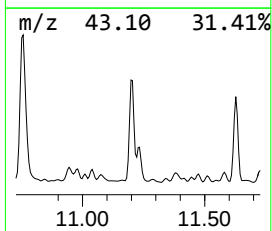
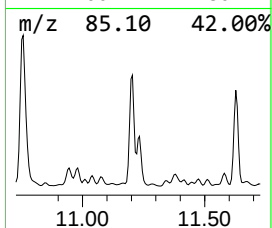
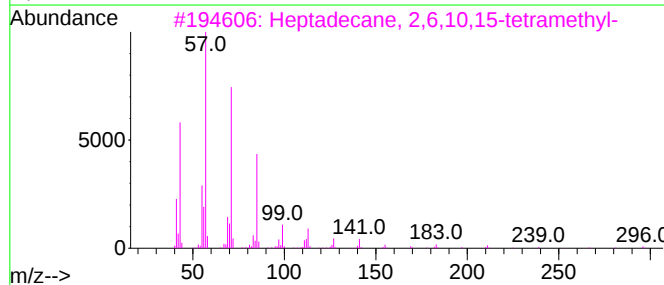
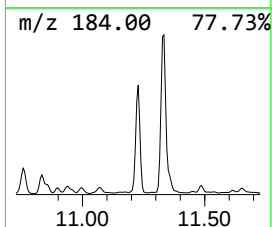
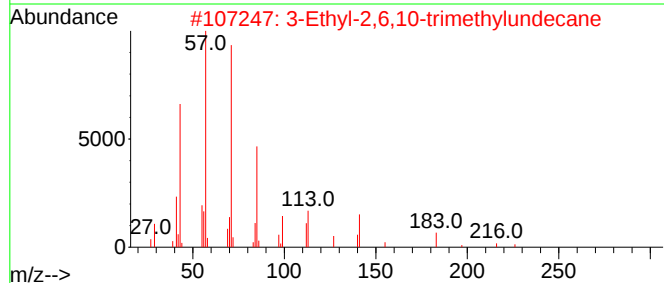
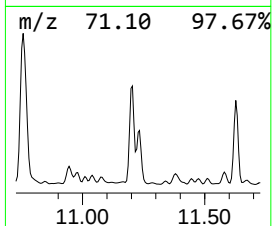
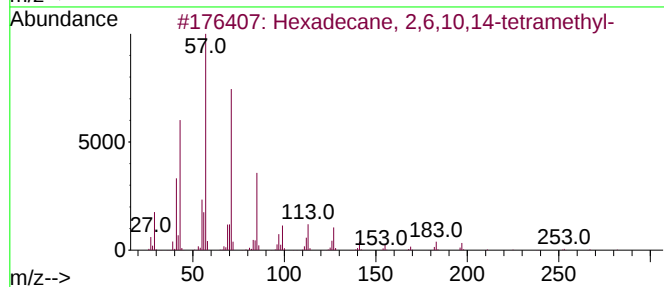
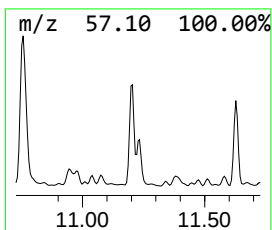
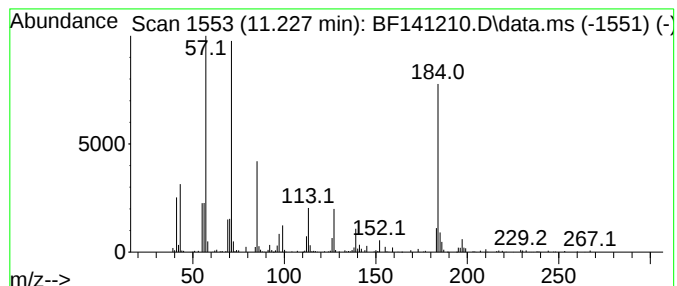
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.227 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	12.20 ng	616453	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
2			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	43
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
4			Dibenzothiophene	184	C12H8S	000132-65-0	38
5			Hexadecane	226	C16H34	000544-76-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
Acq On : 17 Jan 2025 22:57
Operator : RC/JU
Sample : Q1118-01
Misc :
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Instrument :
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ClientSampleId :
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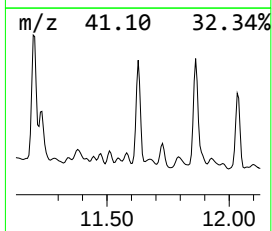
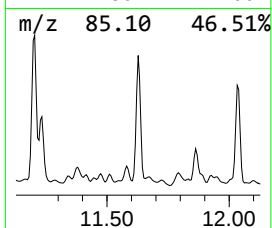
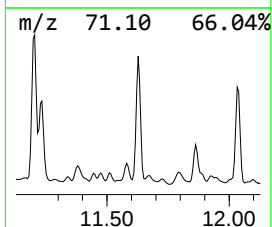
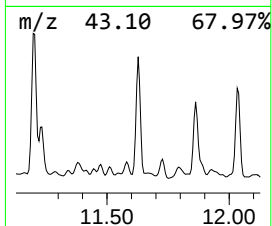
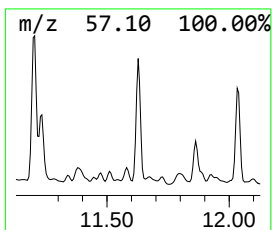
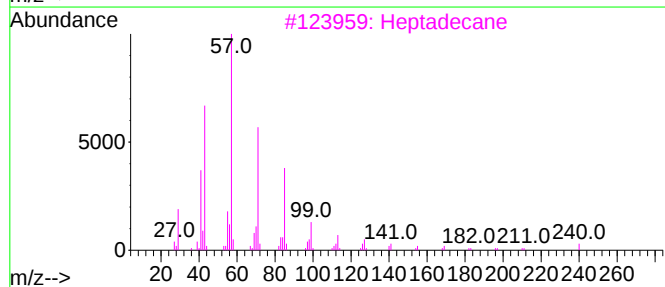
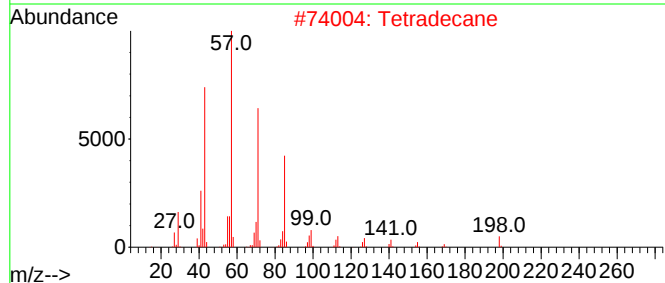
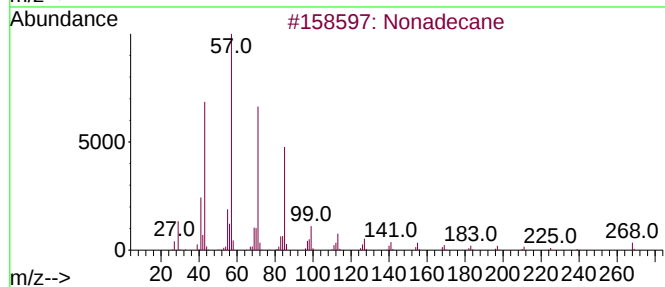
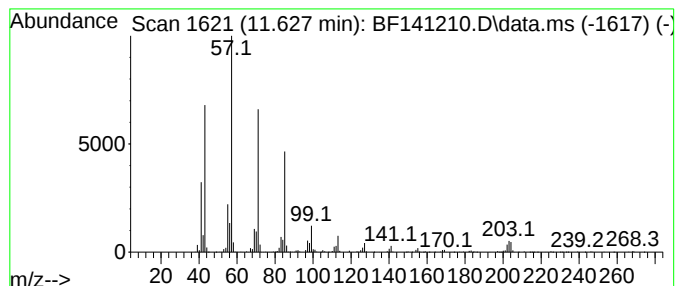
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown11.627 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.627	16.45 ng	831437	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Tetradecane	198	C14H30	000629-59-4	87
3			Heptadecane	240	C17H36	000629-78-7	86
4			Heneicosane	296	C21H44	000629-94-7	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
Acq On : 17 Jan 2025 22:57
Operator : RC/JU
Sample : Q1118-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-1-16-2025

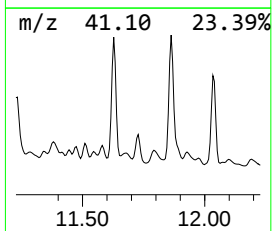
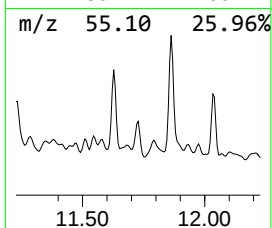
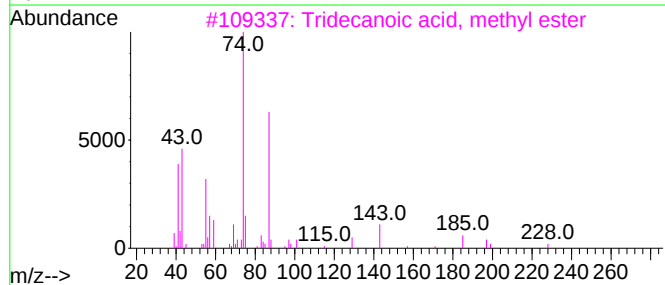
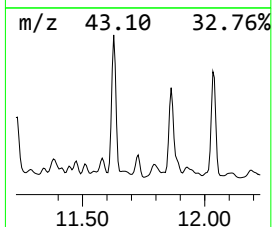
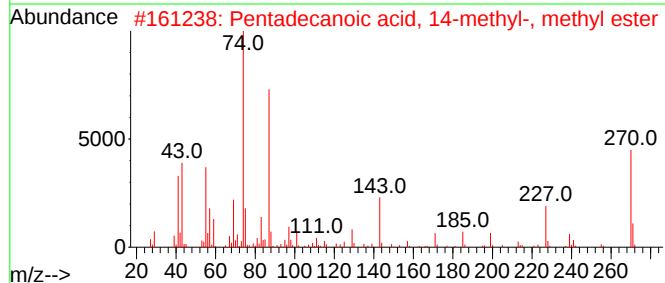
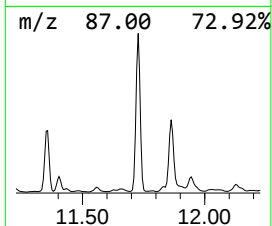
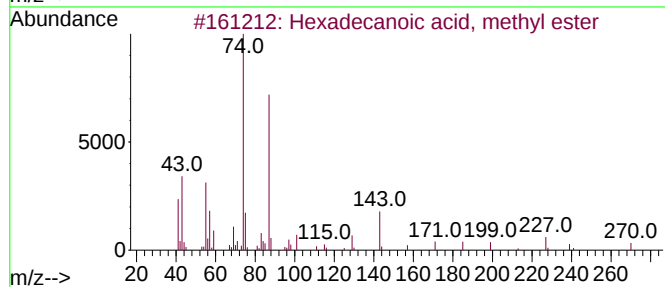
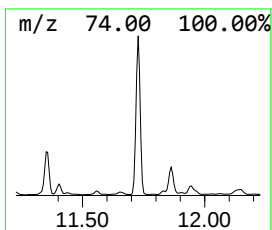
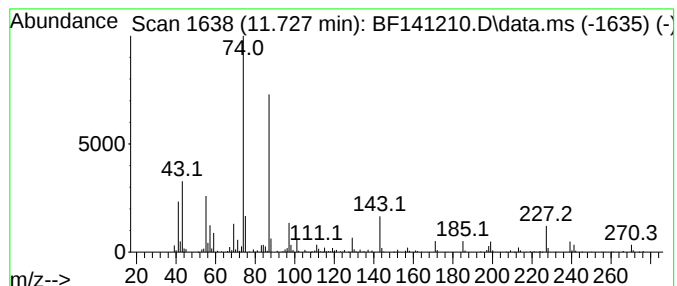
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	5.96 ng	301394	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	89
5			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
Acq On : 17 Jan 2025 22:57
Operator : RC/JU
Sample : Q1118-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-1-16-2025

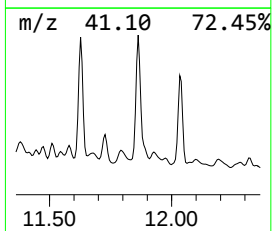
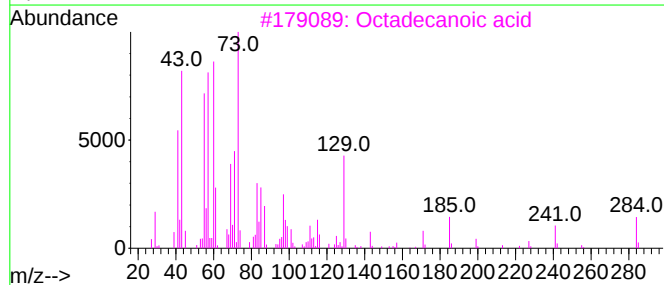
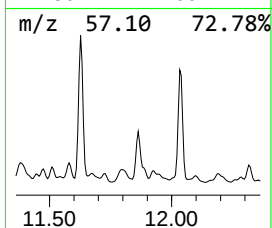
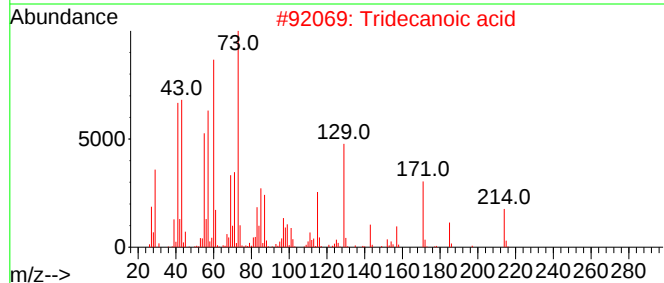
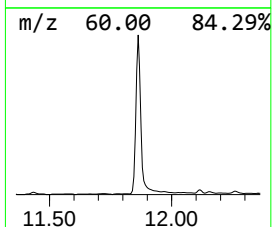
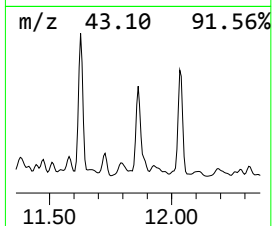
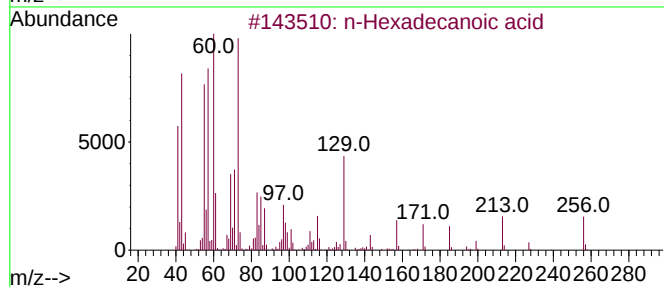
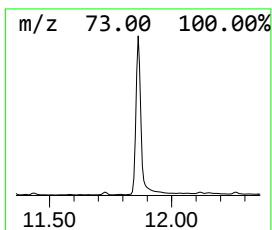
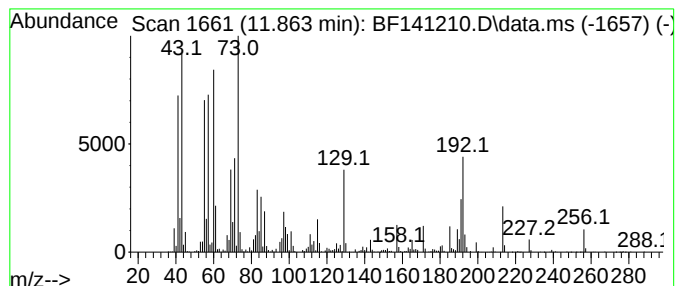
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	20.55 ng	1038550	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	92
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
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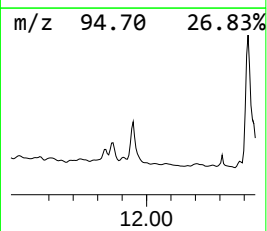
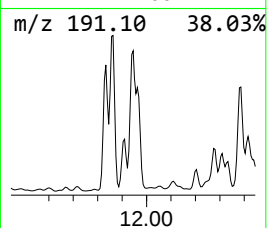
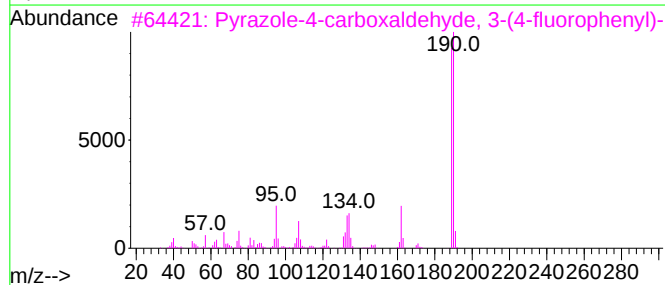
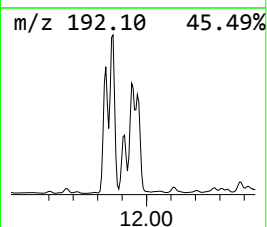
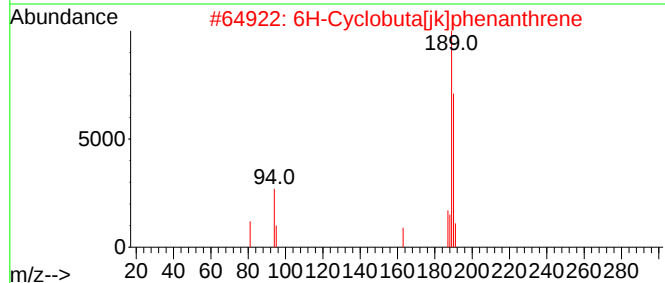
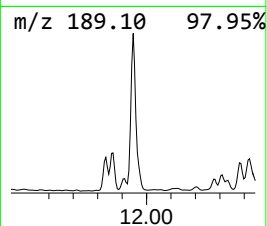
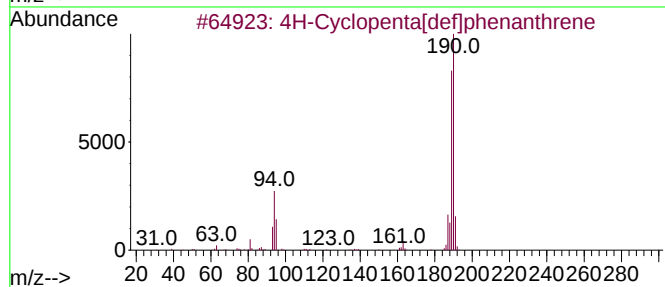
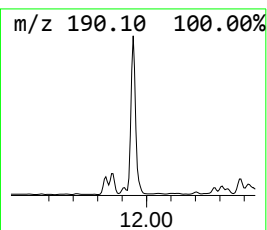
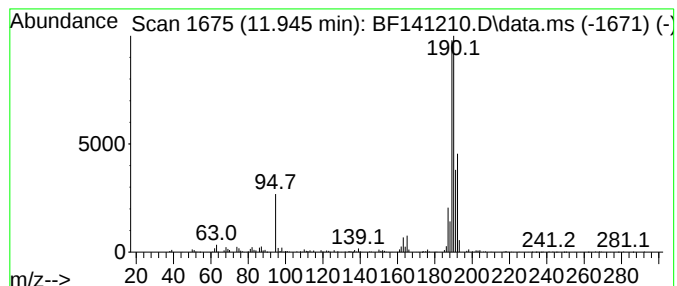
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.945	15.39 ng	777673	Phenanthrene-d10		11.327	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	59
3	Pyrazole-4-carboxaldehyde, 3-(4-...		190	C10H7FN2O	306936-57-2	52
4	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	47
5	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	36



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
Acq On : 17 Jan 2025 22:57
Operator : RC/JU
Sample : Q1118-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-01-1-16-2025

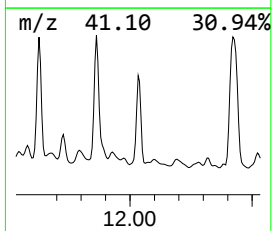
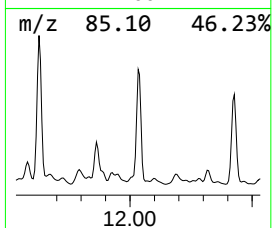
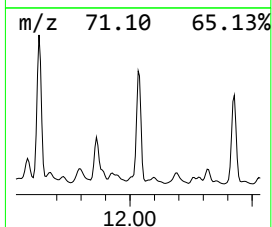
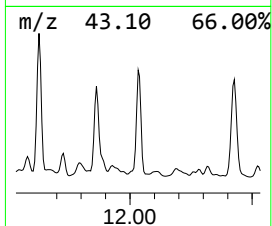
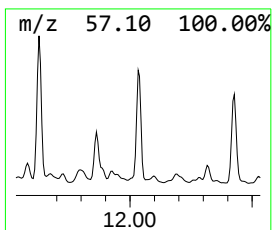
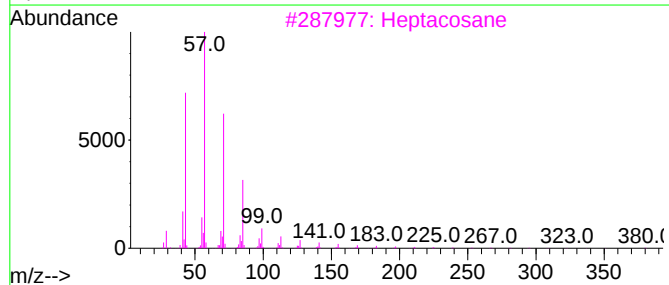
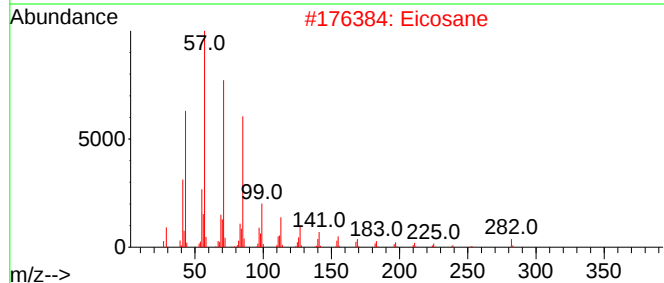
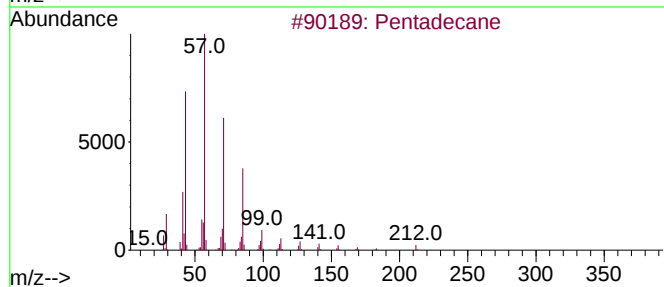
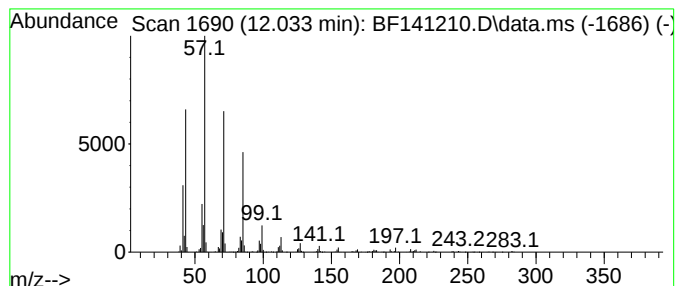
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	12.75 ng	644306	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Eicosane	282	C20H42	000112-95-8	96
3			Heptacosane	380	C27H56	000593-49-7	91
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
Acq On : 17 Jan 2025 22:57
Operator : RC/JU
Sample : Q1118-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-16-2025

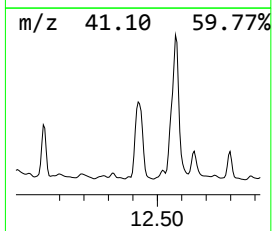
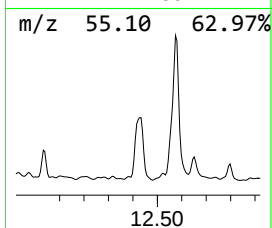
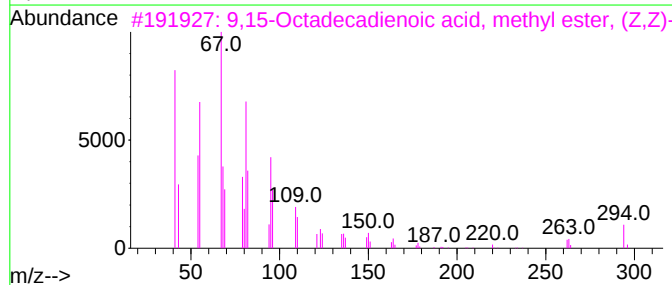
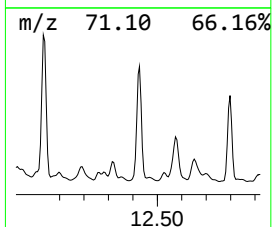
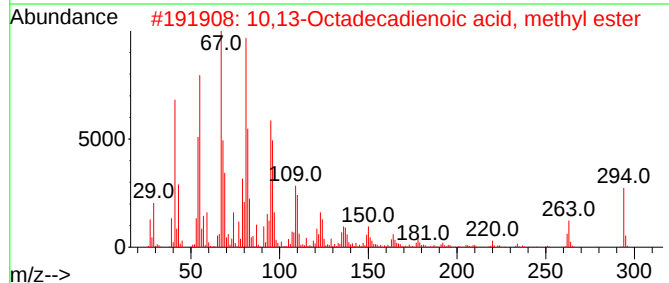
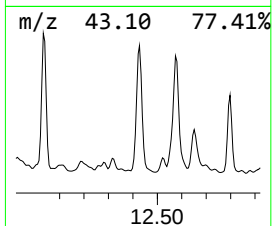
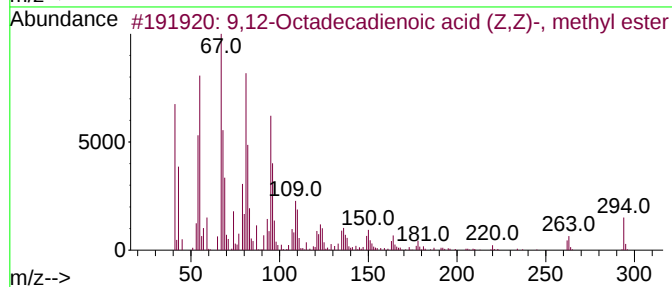
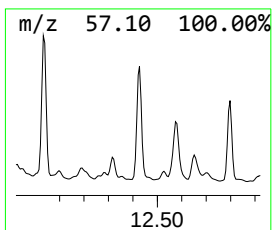
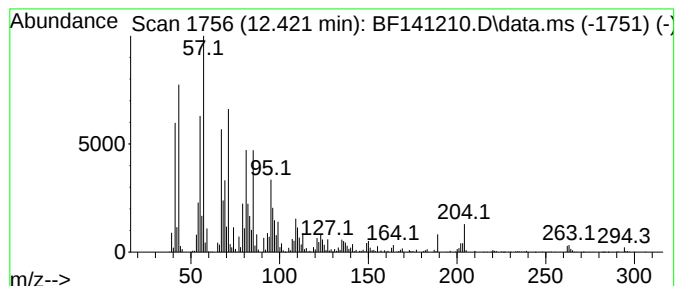
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	38.20 ng	1930530	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96		
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	96		
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95		
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	95		
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	94		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
Acq On : 17 Jan 2025 22:57
Operator : RC/JU
Sample : Q1118-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-16-2025

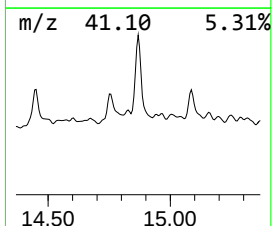
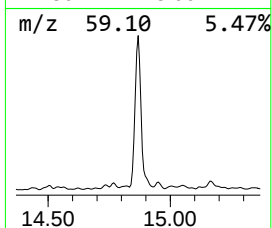
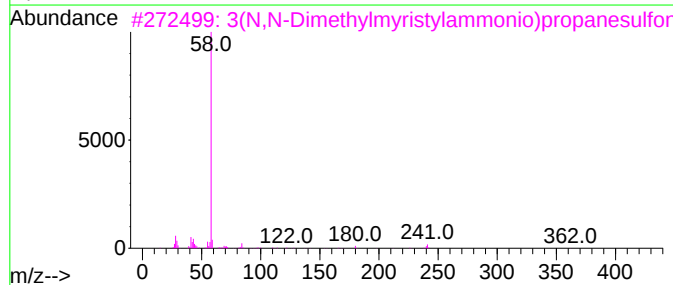
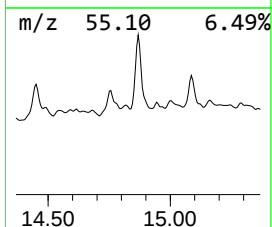
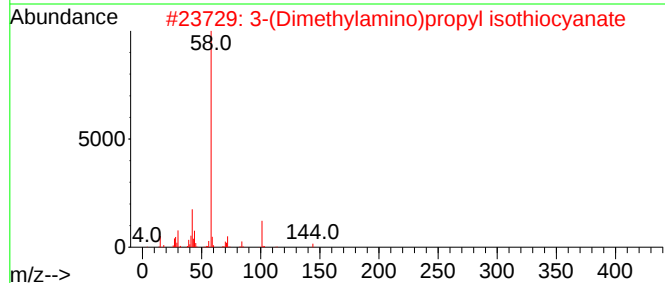
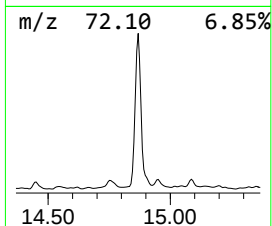
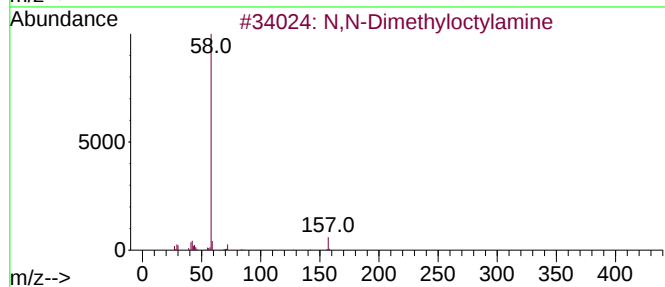
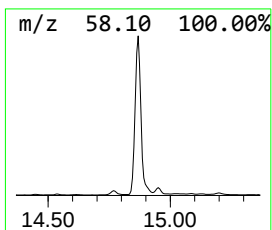
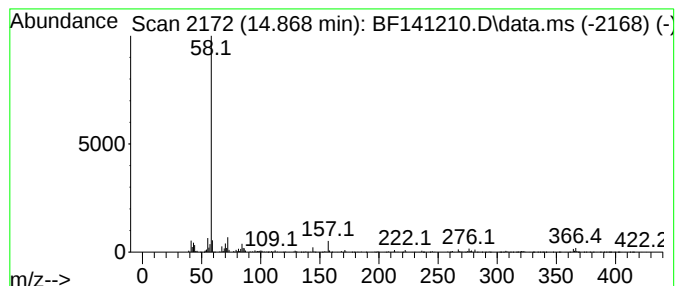
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.868	25.44 ng	731523	Perylene-d12	15.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2			3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3			3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	64
4			Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	64
5			n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141210.D
Acq On : 17 Jan 2025 22:57
Operator : RC/JU
Sample : Q1118-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-16-2025

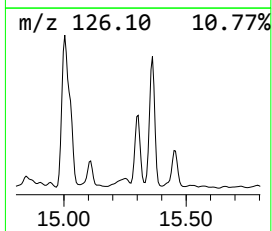
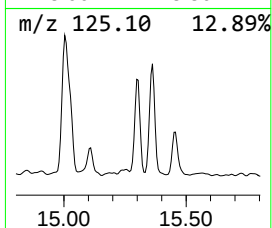
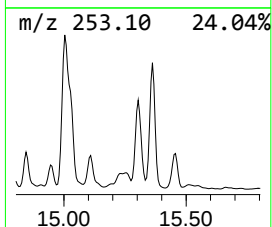
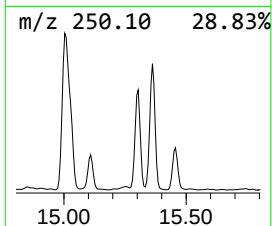
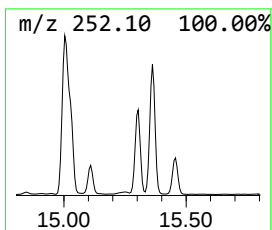
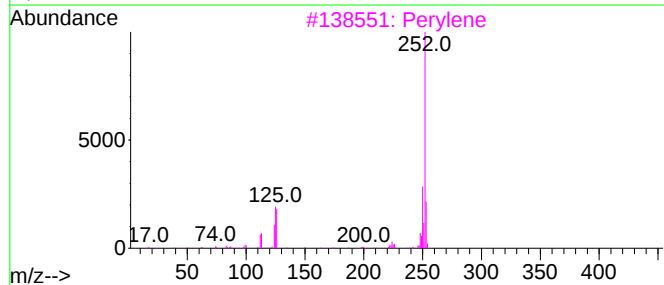
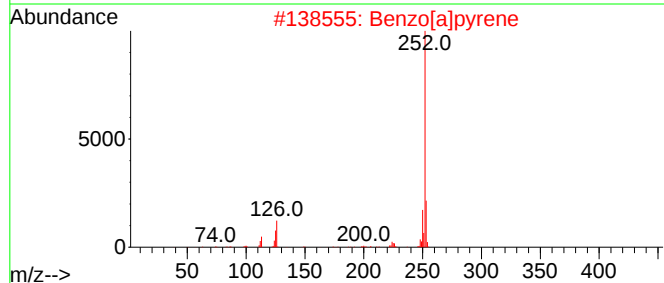
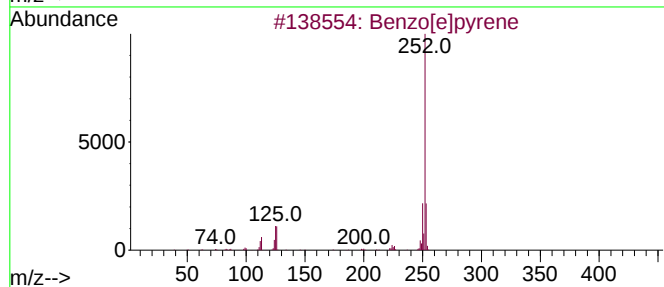
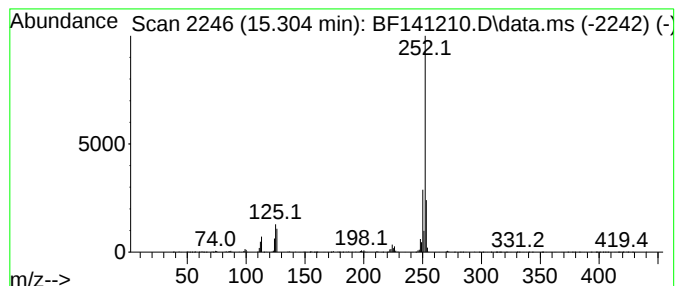
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	20.65 ng	593978	Perylene-d12	15.427

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141210.D
 Acq On : 17 Jan 2025 22:57
 Operator : RC/JU
 Sample : Q1118-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-1-16-2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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
2-Pentanone, 4-...	5.016	5.6	ng	306091	1	6.810	1100620	20.0
Tridecane	8.686	8.8	ng	1323940	2	8.092	3007840	20.0
Dodecane, 2,7,1...	9.116	7.3	ng	526012	3	9.845	1432980	20.0
Tetradecane	9.251	24.8	ng	1777870	3	9.845	1432980	20.0
Naphthalene, 2,...	9.504	8.8	ng	630119	3	9.845	1432980	20.0
Dodecane	9.569	14.8	ng	1058710	3	9.845	1432980	20.0
Nonadecane	9.780	20.6	ng	1478130	3	9.845	1432980	20.0
Hexadecane	10.280	19.3	ng	1381010	3	9.845	1432980	20.0
Pentadecane, 2,...	10.498	10.4	ng	746843	3	9.845	1432980	20.0
Heptadecane	10.757	37.5	ng	1894380	4	11.327	1010830	20.0
Heneicosane	11.204	20.8	ng	1050860	4	11.327	1010830	20.0
unknown11.227	11.227	12.2	ng	616453	4	11.327	1010830	20.0
unknown11.627	11.627	16.4	ng	831437	4	11.327	1010830	20.0
Hexadecanoic ac...	11.727	6.0	ng	301394	4	11.327	1010830	20.0
n-Hexadecanoic ...	11.863	20.6	ng	1038550	4	11.327	1010830	20.0
4H-Cyclopenta[d...]	11.945	15.4	ng	777673	4	11.327	1010830	20.0
Pentadecane	12.033	12.8	ng	644306	4	11.327	1010830	20.0
9,12-Octadecadi...	12.421	38.2	ng	1930530	4	11.327	1010830	20.0
N,N-Dimethyloct...	14.868	25.4	ng	731523	6	15.427	575181	20.0
Benzo[e]pyrene	15.304	20.6	ng	593978	6	15.427	575181	20.0