

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143715.D
 Acq On : 11 Sep 2025 19:28
 Operator : RC/JU
 Sample : Q3075-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0258

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-BF091025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143715.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.498	553	562	568	rBV2	439370	671788	2.84%	0.473%
2	6.510	727	734	738	rVB2	356438	564654	2.39%	0.398%
3	6.722	765	770	779	rVB2	288114	442277	1.87%	0.312%
4	6.892	794	799	805	rBV2	155086	249456	1.06%	0.176%
5	6.957	805	810	816	rBV2	184392	341648	1.45%	0.241%
6	7.169	835	846	849	rBV2	166213	285290	1.21%	0.201%
7	7.210	849	853	861	rVB2	162053	360275	1.53%	0.254%
8	7.434	886	891	892	rBV2	206539	296948	1.26%	0.209%
9	7.451	892	894	897	rVV2	261670	328320	1.39%	0.231%
10	7.492	897	901	905	rVB	567591	700939	2.97%	0.494%
11	7.692	924	935	937	rBV2	214293	535841	2.27%	0.378%
12	7.722	937	940	945	rVB	521949	698435	2.96%	0.492%
13	7.798	945	953	955	rBV3	199247	390263	1.65%	0.275%
14	7.857	959	963	967	rVB3	224872	312791	1.32%	0.220%
15	7.898	967	970	971	rBV3	222670	248865	1.05%	0.175%
16	7.928	971	975	980	rVB4	343985	624564	2.64%	0.440%
17	8.169	1005	1016	1020	rBV2	2087855	3622926	15.34%	2.553%
18	8.239	1024	1028	1032	rVV2	660363	931224	3.94%	0.656%
19	8.275	1032	1034	1041	rVB3	268059	427717	1.81%	0.301%
20	8.345	1041	1046	1049	rBV4	225258	488547	2.07%	0.344%
21	8.398	1049	1055	1057	rBV2	388843	718606	3.04%	0.506%
22	8.428	1057	1060	1063	rVB	474604	543039	2.30%	0.383%
23	8.481	1063	1069	1075	rBV7	708337	1435438	6.08%	1.012%
24	8.533	1075	1078	1080	rBV2	441124	465619	1.97%	0.328%
25	8.563	1080	1083	1087	rVV3	631019	732907	3.10%	0.516%
26	8.610	1087	1091	1096	rBV	1002339	1438881	6.09%	1.014%
27	8.692	1101	1105	1109	rBV2	905920	1266215	5.36%	0.892%
28	8.786	1115	1121	1126	rBV	2951986	5031155	21.30%	3.545%
29	8.880	1134	1137	1144	rVB4	924561	1860710	7.88%	1.311%
30	9.016	1156	1160	1164	rVB4	701363	875000	3.70%	0.617%
31	9.069	1166	1169	1171	rBV3	409027	561797	2.38%	0.396%
32	9.151	1180	1183	1186	rVB2	872619	1125285	4.76%	0.793%
33	9.192	1186	1190	1191	rBV	685452	747210	3.16%	0.527%
34	9.216	1191	1194	1199	rVV2	1331239	2059114	8.72%	1.451%
35	9.263	1199	1202	1206	rVB2	431253	540583	2.29%	0.381%
36	9.363	1213	1219	1224	rBV	3409043	6294331	26.64%	4.436%

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37	9.610	1254	1261	1263	rBV4	1087388	2467338	10.44%	1.739%
38	9.675	1267	1272	1275	rVV4	1796841	3445626	14.59%	2.428%
39	9.733	1279	1282	1286	rVB2	868080	1089567	4.61%	0.768%
40	9.816	1292	1296	1301	rBV5	1149791	1779244	7.53%	1.254%
41	9.898	1305	1310	1313	rVV	2840216	4225215	17.89%	2.977%
42	10.057	1335	1337	1342	rVB3	605772	721443	3.05%	0.508%
43	10.116	1343	1347	1350	rBV3	730406	1301578	5.51%	0.917%
44	10.204	1359	1362	1367	rBV5	760823	1241439	5.26%	0.875%
45	10.275	1371	1374	1380	rBV5	368271	832893	3.53%	0.587%
46	10.392	1388	1394	1400	rBV	2477075	3935120	16.66%	2.773%
47	10.598	1425	1429	1435	rVB	1044491	1793939	7.59%	1.264%
48	10.722	1447	1450	1455	rVB2	382517	544890	2.31%	0.384%
49	10.863	1469	1474	1482	rVB	2238319	4048425	17.14%	2.853%
50	11.069	1501	1509	1513	rVB4	473121	1264516	5.35%	0.891%
51	11.298	1544	1548	1551	rBV	1305142	1787440	7.57%	1.260%
52	11.327	1551	1553	1559	rVB	682038	882790	3.74%	0.622%
53	11.433	1568	1571	1574	rBV	208000	259052	1.10%	0.183%
54	11.721	1616	1620	1626	rBV	923752	1282436	5.43%	0.904%
55	11.780	1627	1630	1633	rVV	332153	445162	1.88%	0.314%
56	11.827	1633	1638	1644	rVB	3040151	4391646	18.59%	3.095%
57	11.957	1656	1660	1666	rVB2	624430	927876	3.93%	0.654%
58	12.127	1686	1689	1696	rVB	867540	1190443	5.04%	0.839%
59	12.545	1749	1760	1769	rBV4	6414341	23623335	100.00%	16.647%
60	12.621	1769	1773	1777	rVV	1699464	2309648	9.78%	1.628%
61	12.680	1779	1783	1789	rVV	1692904	2370164	10.03%	1.670%
62	12.774	1790	1799	1804	rVV2	455063	1341419	5.68%	0.945%
63	12.821	1804	1807	1811	rVV	414437	600681	2.54%	0.423%
64	12.892	1815	1819	1827	rVV	571103	1073113	4.54%	0.756%
65	13.016	1828	1840	1850	rVB	7569749	22350293	94.61%	15.750%
66	13.245	1875	1879	1889	rVB	576766	932344	3.95%	0.657%
67	13.374	1898	1901	1910	rVB	308837	495653	2.10%	0.349%
68	13.510	1921	1924	1930	rVB	311673	438580	1.86%	0.309%
69	13.586	1934	1937	1942	rVB	379076	447618	1.89%	0.315%
70	13.915	1988	1993	2003	rVB	462335	698948	2.96%	0.493%
71	14.004	2004	2008	2013	rBV3	189425	328520	1.39%	0.232%
72	14.068	2015	2019	2029	rVB	385807	636832	2.70%	0.449%
73	14.192	2037	2040	2043	rBV	282561	372378	1.58%	0.262%
74	14.227	2043	2046	2051	rVB	384428	533216	2.26%	0.376%
75	14.445	2079	2083	2093	rVB	642902	934101	3.95%	0.658%
76	14.533	2094	2098	2104	rVB	461317	636107	2.69%	0.448%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.710	2121	2128	2136	rBV2	265657	735044	3.11%	0.518%
78	14.845	2146	2151	2160	rVB	637416	1178177	4.99%	0.830%
79	14.921	2161	2164	2171	rBV	175797	290921	1.23%	0.205%
80	15.192	2206	2210	2221	rVB	277412	503001	2.13%	0.354%
81	15.451	2249	2254	2265	rVB	182114	366082	1.55%	0.258%
82	15.609	2279	2281	2286	rVB	226743	315684	1.34%	0.222%
83	16.639	2450	2456	2462	rBV	154675	319336	1.35%	0.225%

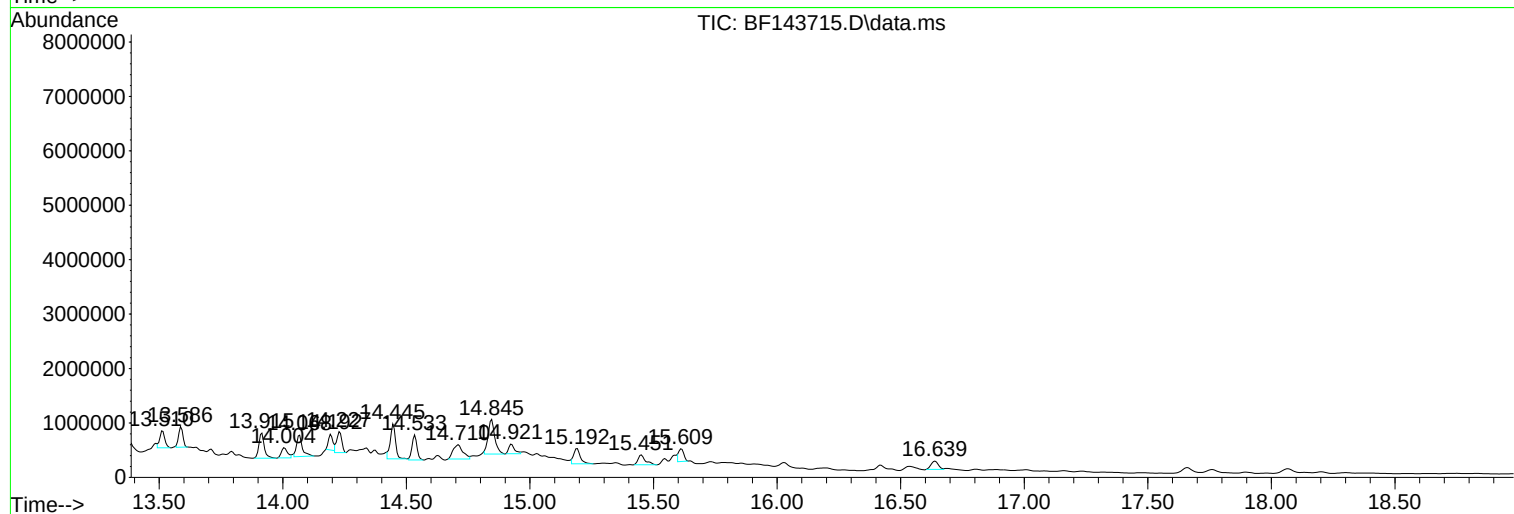
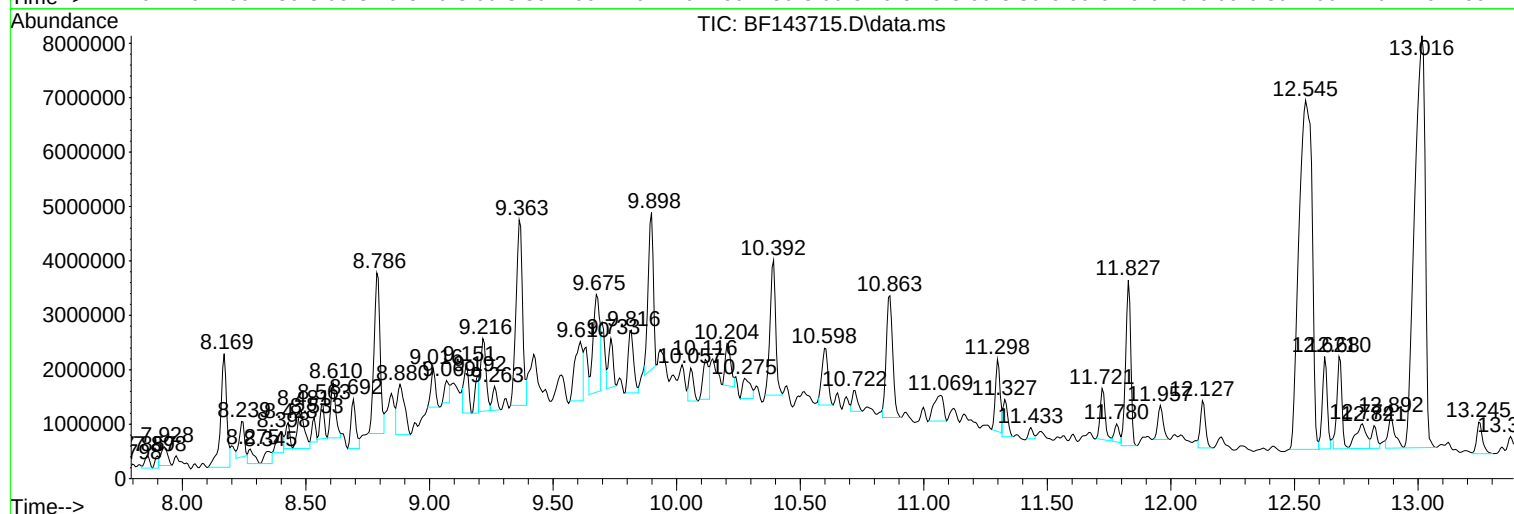
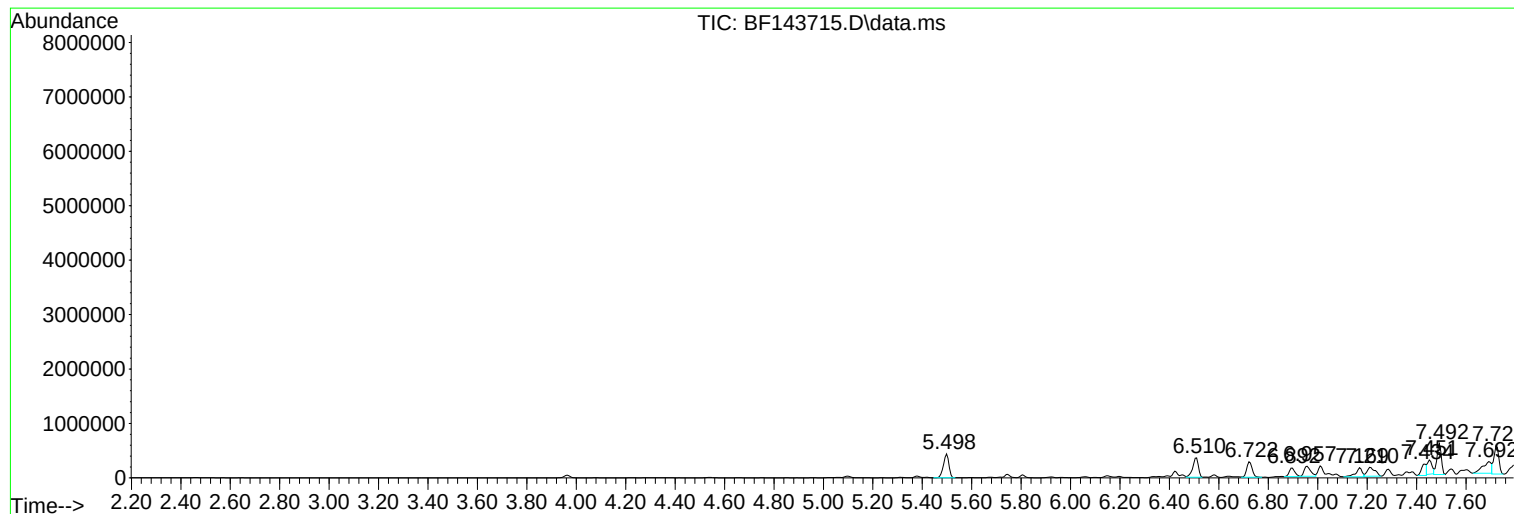
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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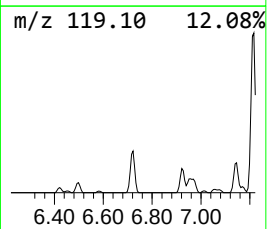
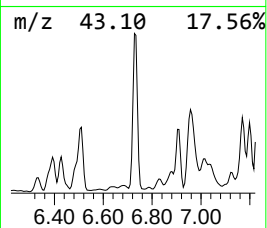
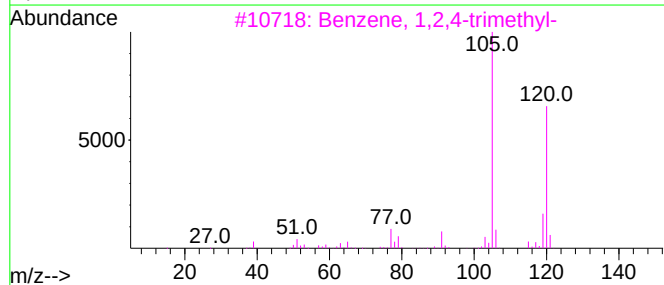
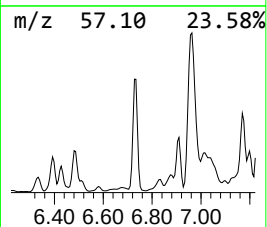
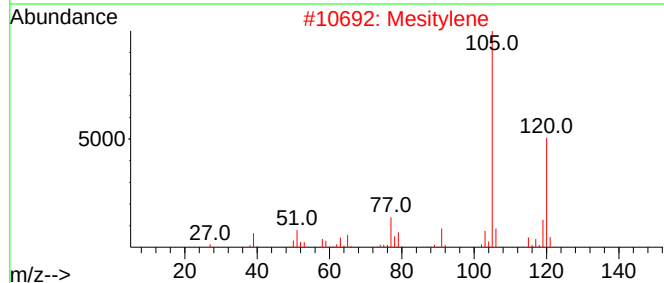
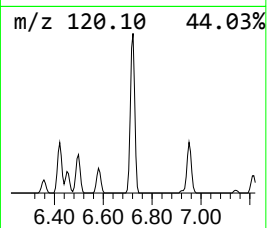
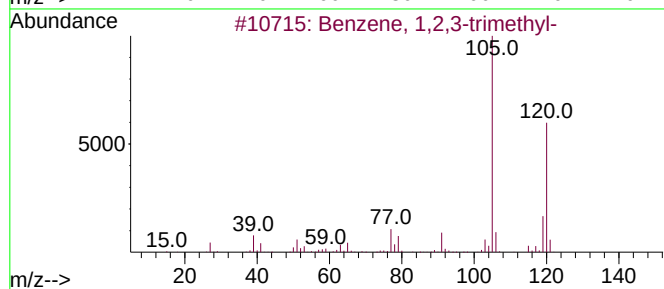
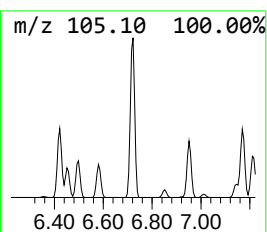
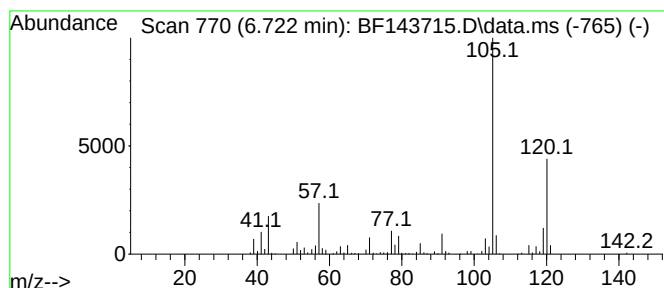
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	35.46 ng	442277	1,4-Dichlorobenzene-d4	6.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



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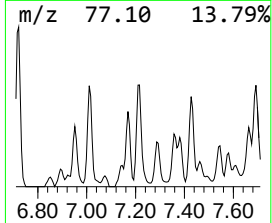
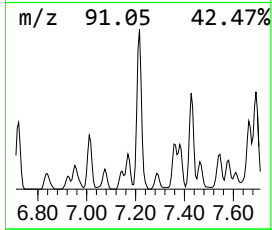
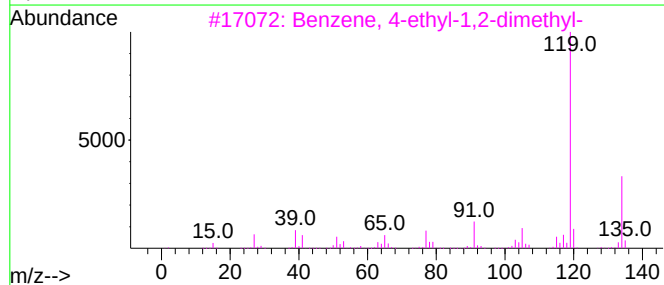
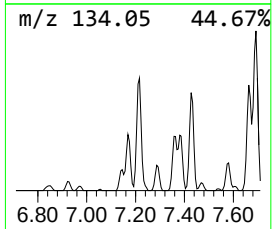
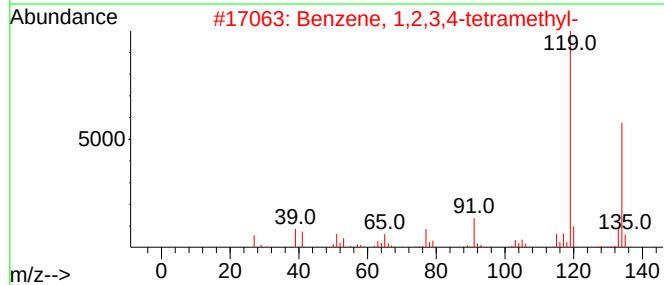
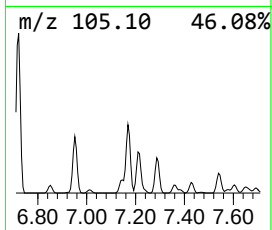
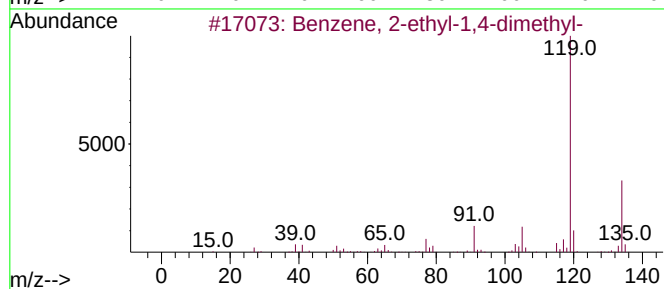
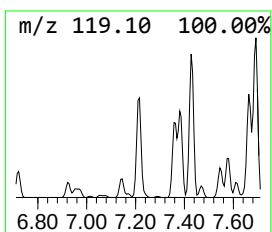
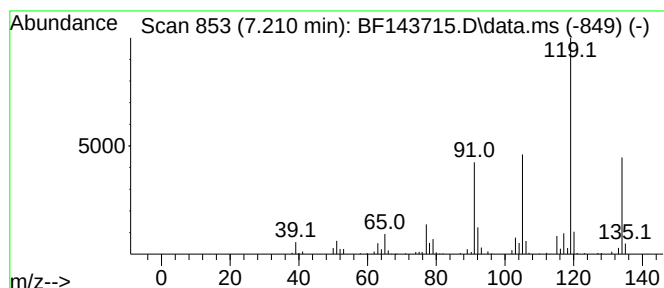
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	28.88 ng	360275	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



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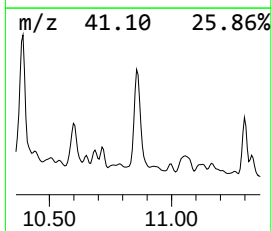
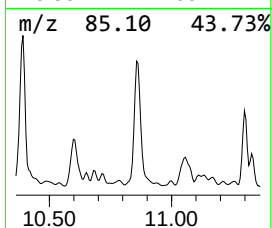
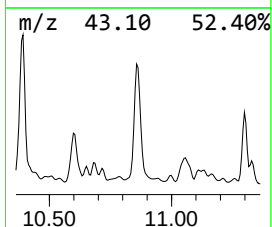
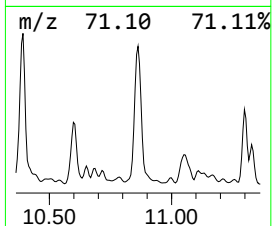
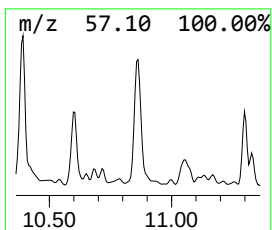
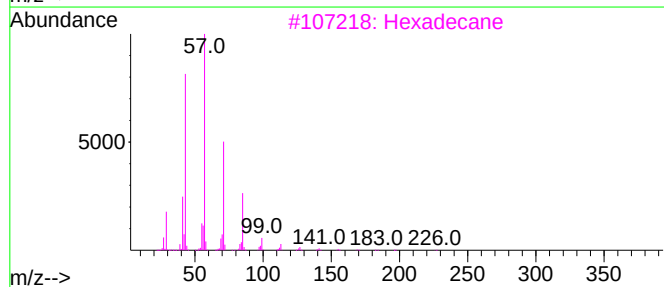
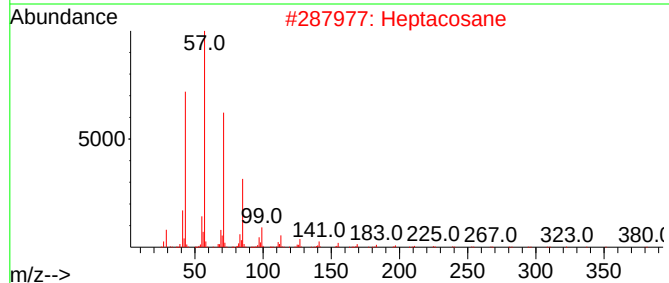
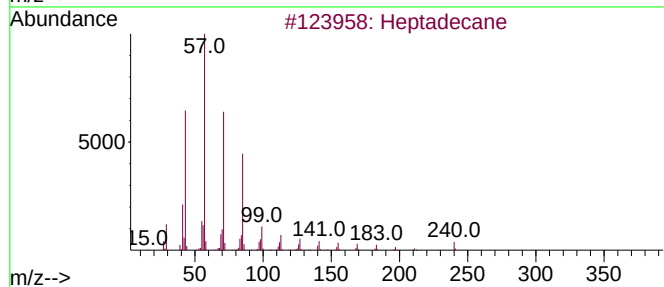
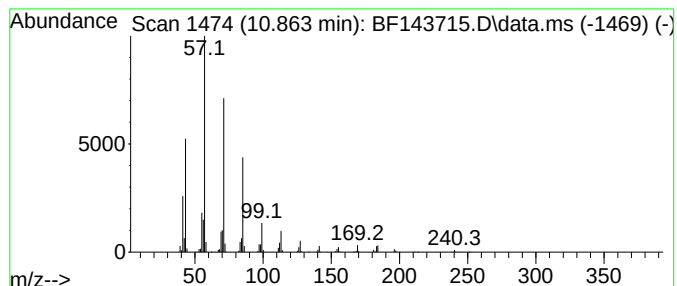
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.863	312.56 ng	4048430	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Heptacosane	380	C27H56	000593-49-7	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane	184	C13H28	000629-50-5	87
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86



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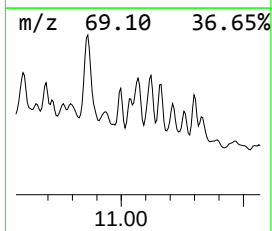
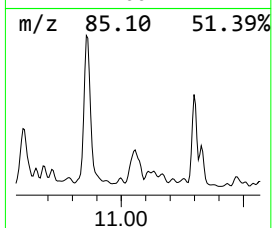
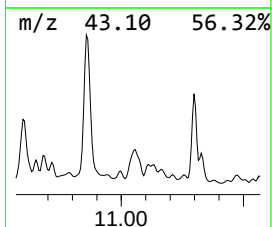
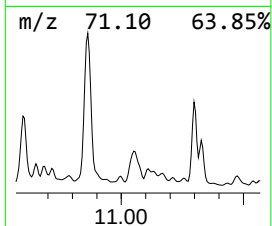
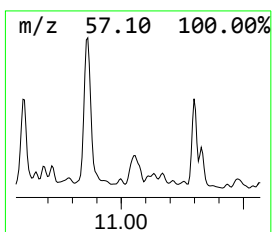
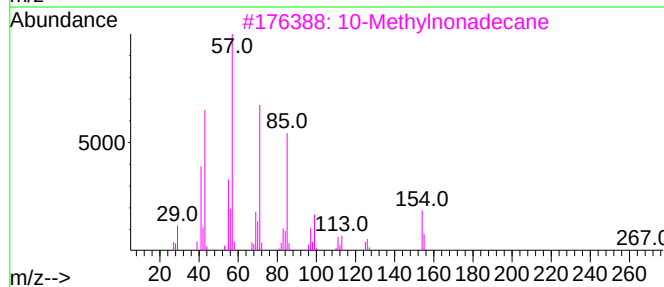
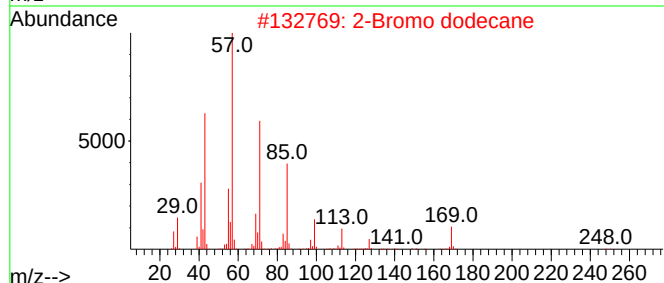
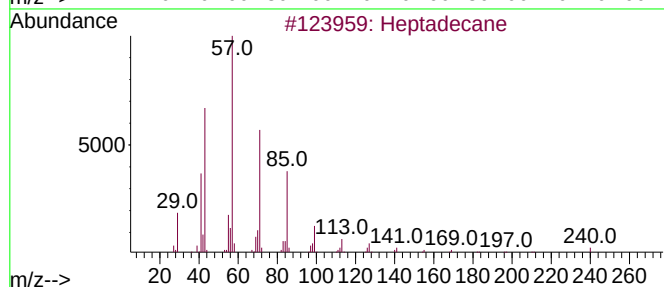
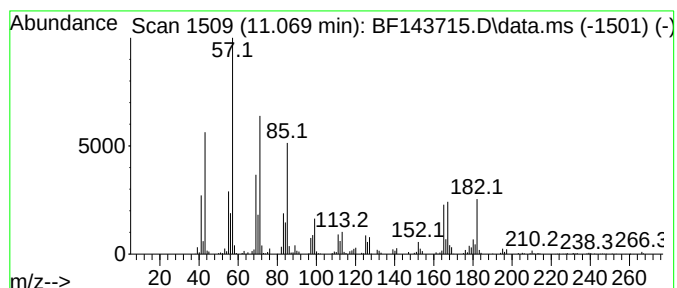
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ClientSampleId :
MOO-25-0258

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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 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.069	97.63 ng	1264520	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	60
3	10-Methylnonadecane	282	C20H42	056862-62-5	58
4	Tritetracontane	605	C43H88	007098-21-7	58
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

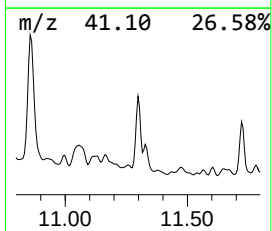
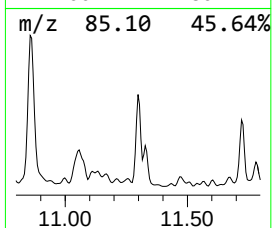
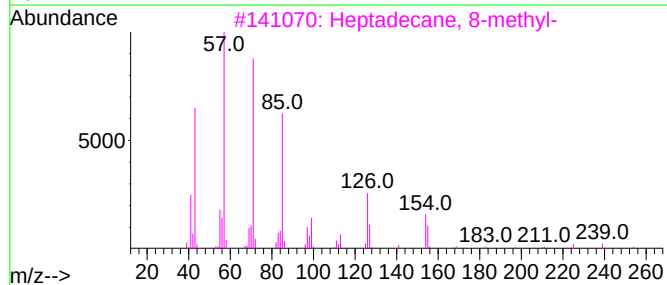
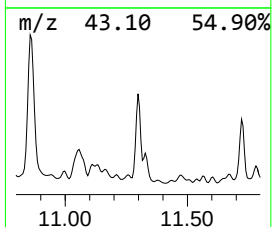
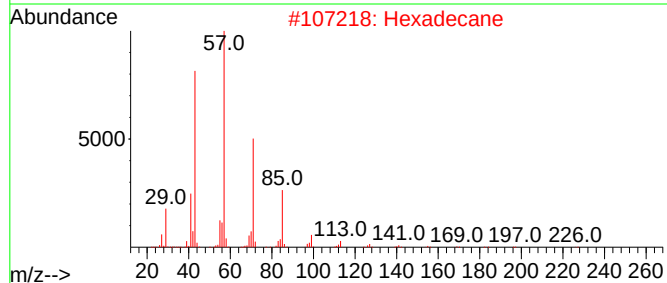
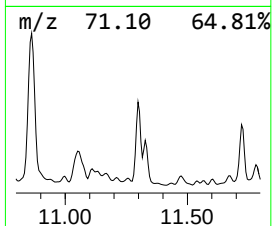
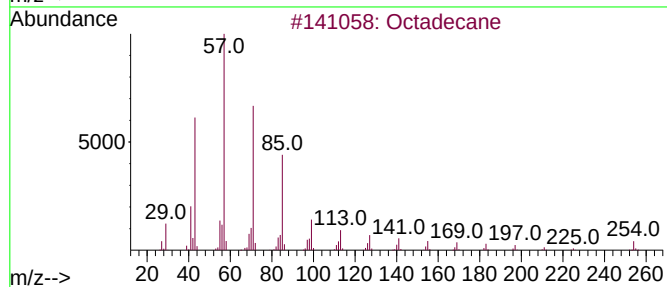
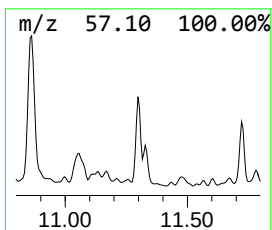
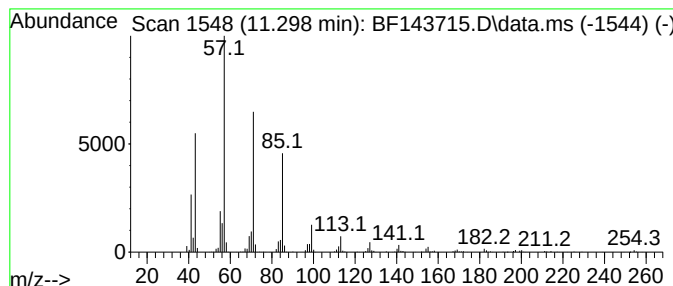
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	138.00 ng	1787440	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5			Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

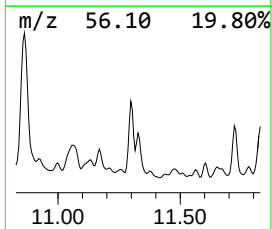
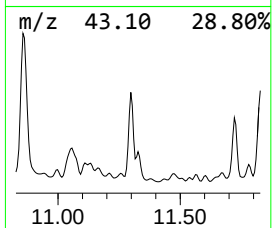
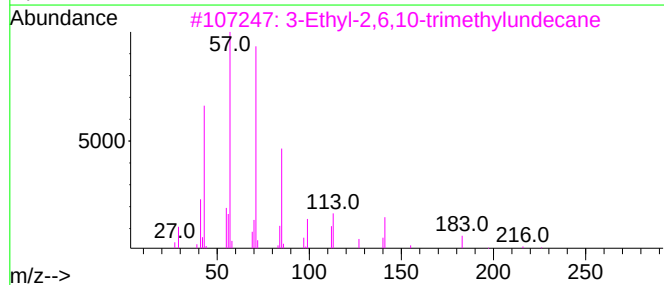
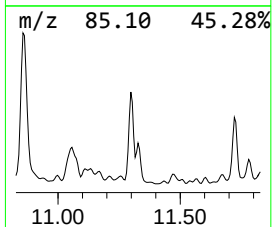
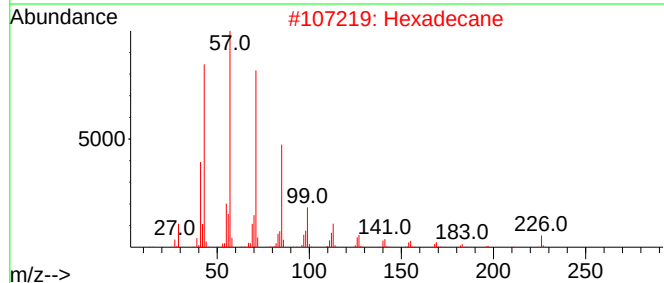
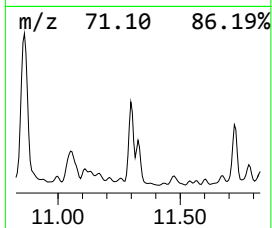
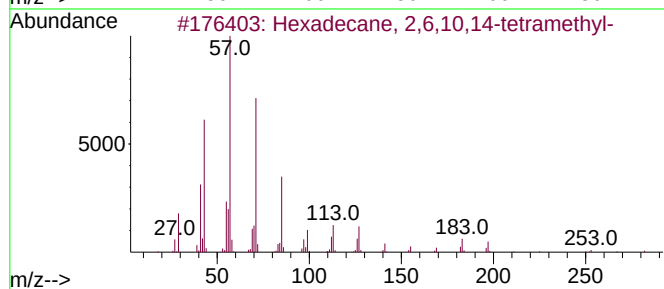
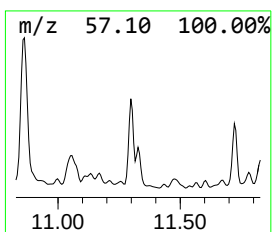
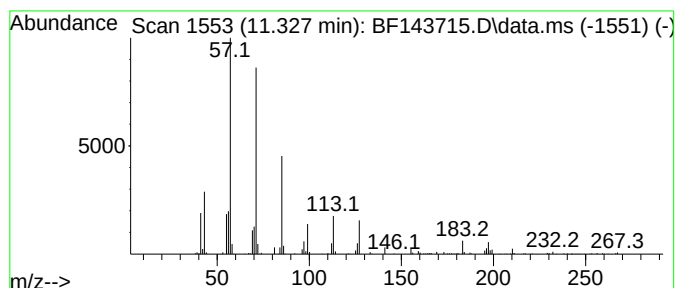
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ClientSampleId :
MOO-25-0258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.327	68.16 ng	882790	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexadecane	226	C16H34	000544-76-3	80
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

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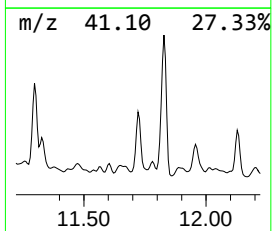
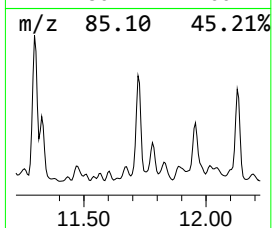
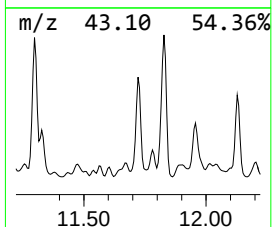
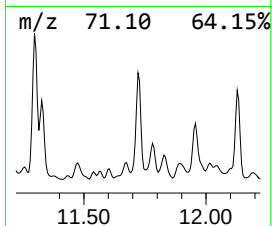
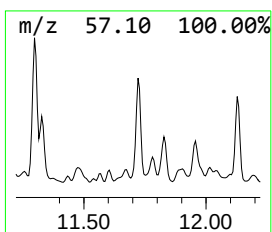
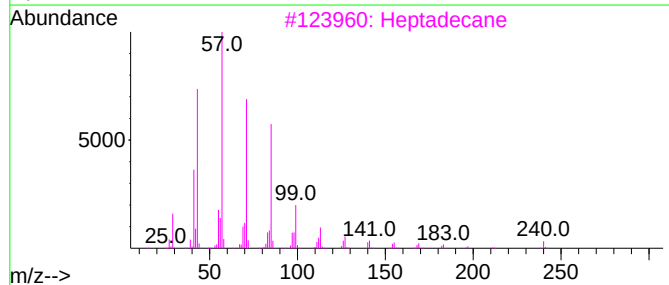
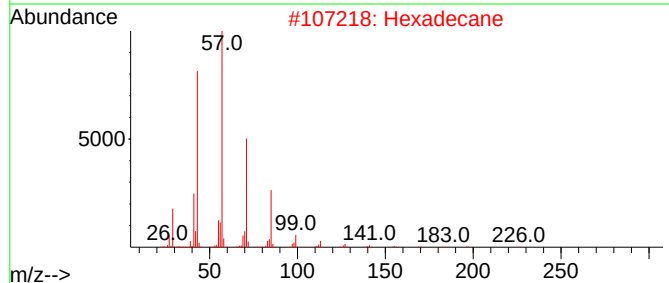
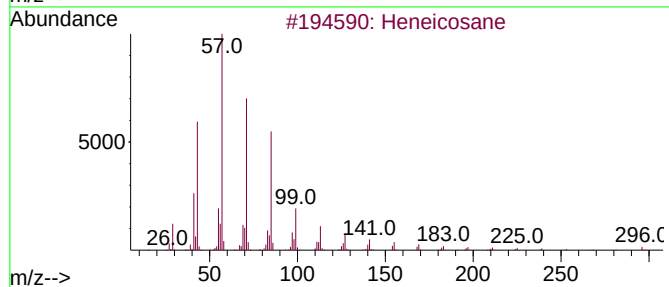
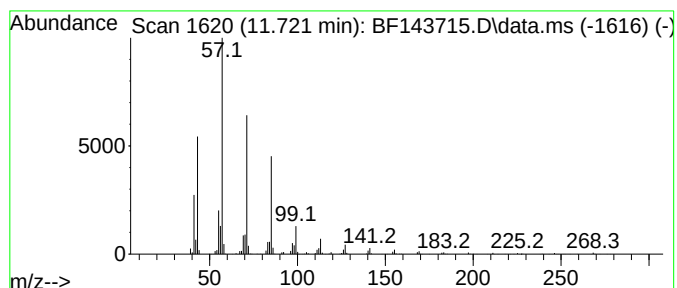
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	99.01 ng	1282440	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane	240	C17H36	000629-78-7	87
4			Tetradecane	198	C14H30	000629-59-4	87
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

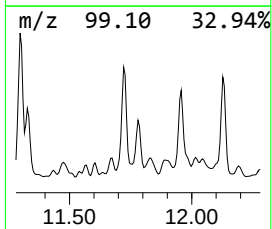
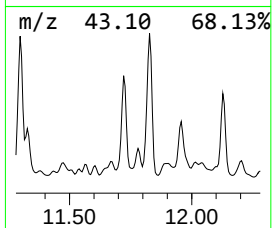
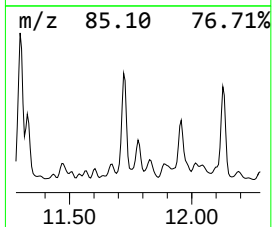
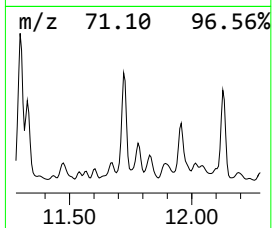
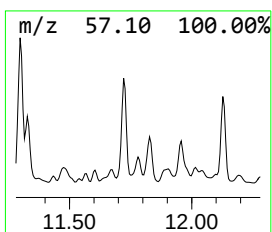
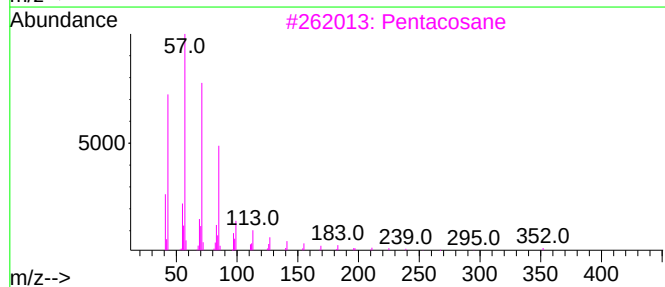
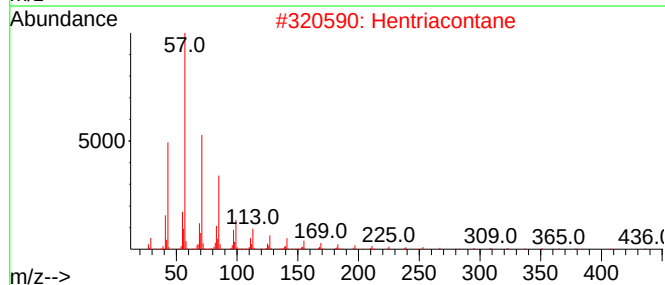
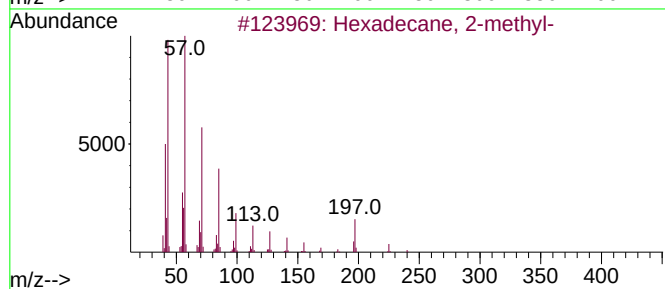
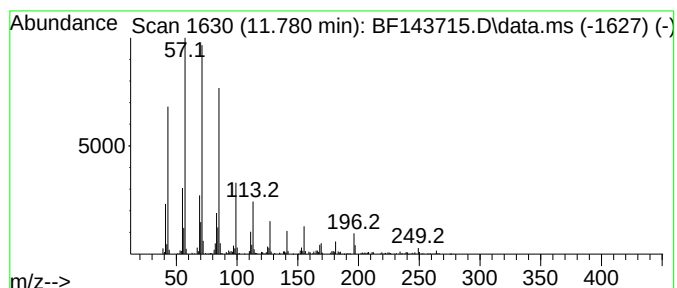
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.780	34.37 ng	445162	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Octacosane	394	C28H58	000630-02-4	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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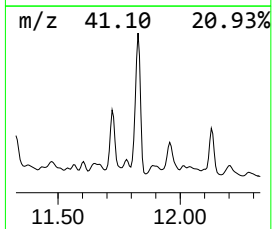
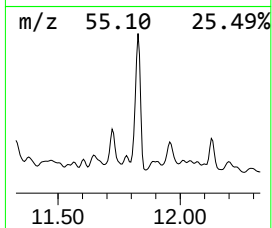
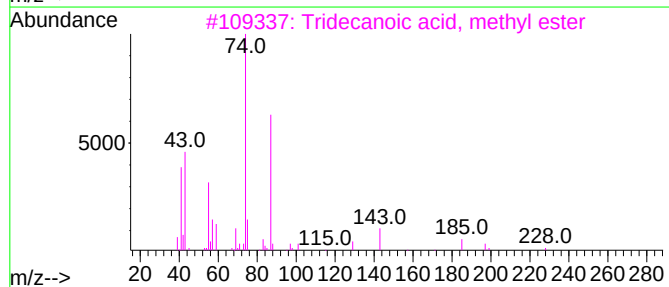
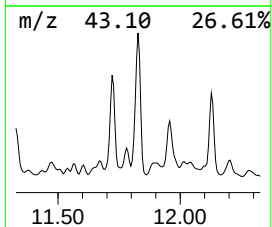
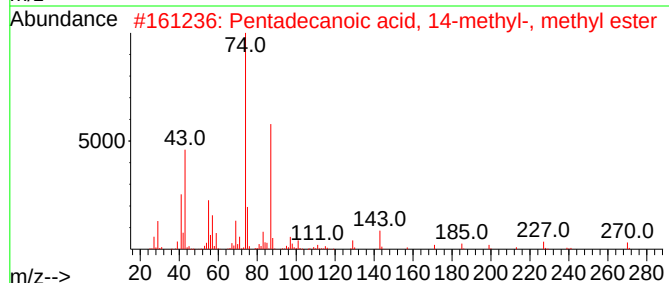
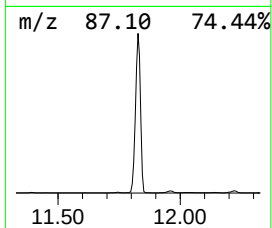
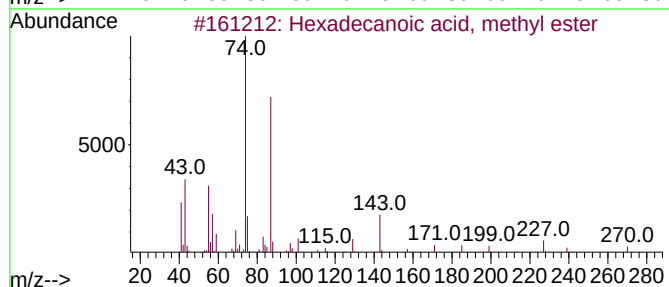
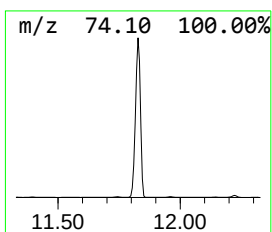
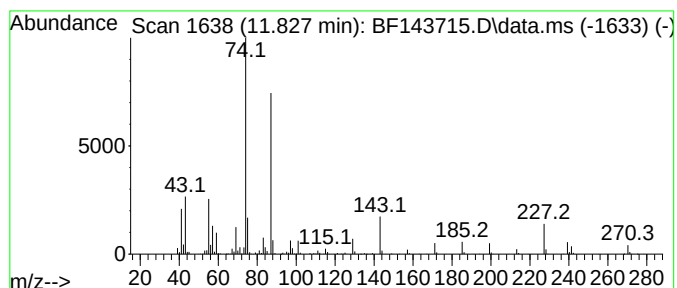
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.827	339.06 ng	4391650	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester		270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...		270	C17H34O2	005129-60-2	91
3	Tridecanoic acid, methyl ester		228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester		256	C16H32O2	007132-64-1	87
5	Methyl tetradecanoate		242	C15H30O2	000124-10-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

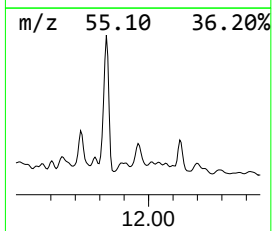
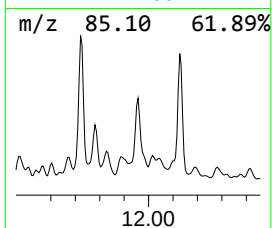
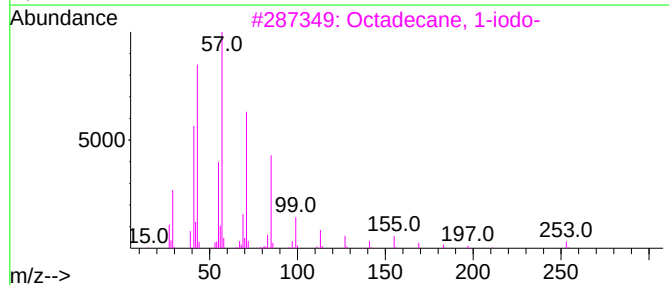
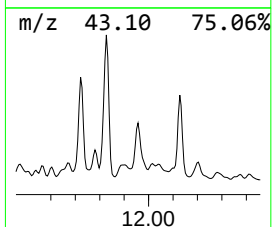
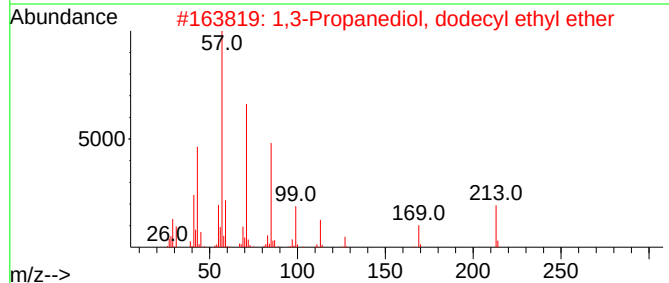
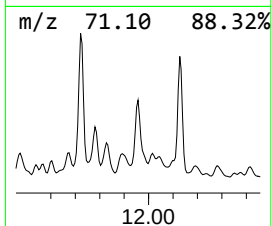
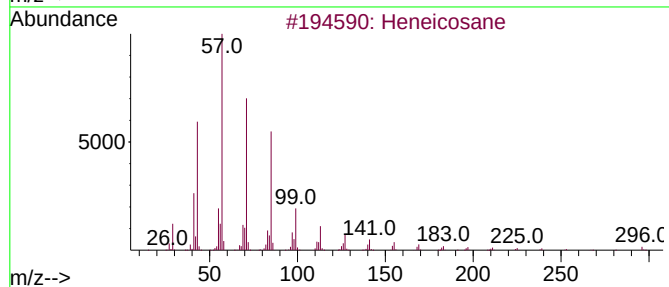
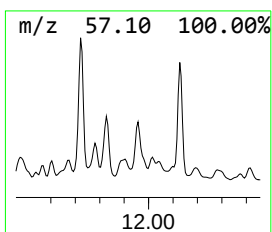
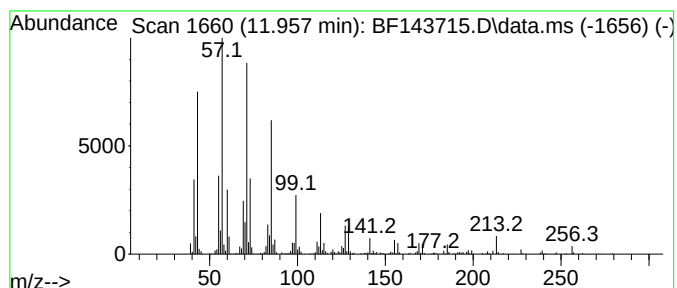
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,3-Propanediol, dodecyl et... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.957	71.64 ng	927876	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	68
2	1,3-Propanediol, dodecyl ethyl e...		272	C17H36O2	1000406-35-1	64
3	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	64
4	Octacosane		394	C28H58	000630-02-4	64
5	Heptadecane		240	C17H36	000629-78-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
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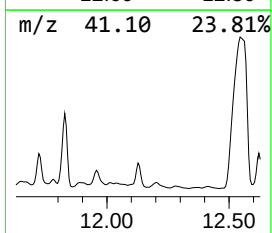
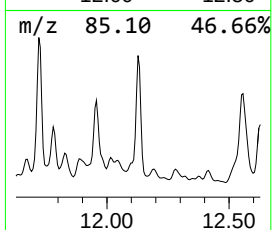
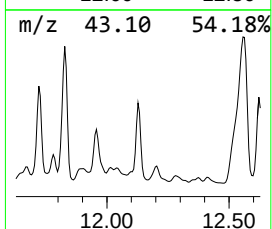
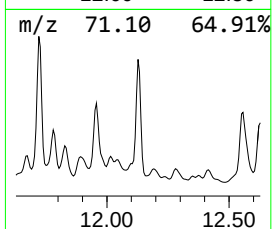
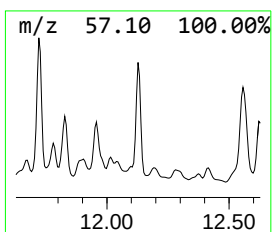
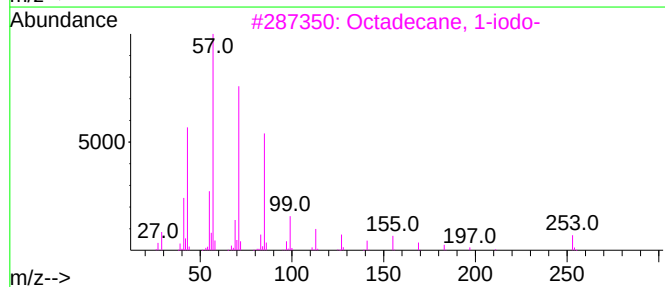
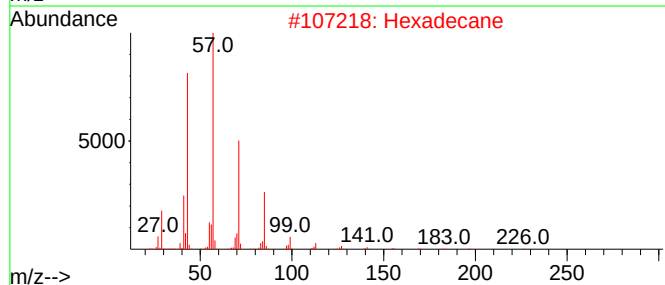
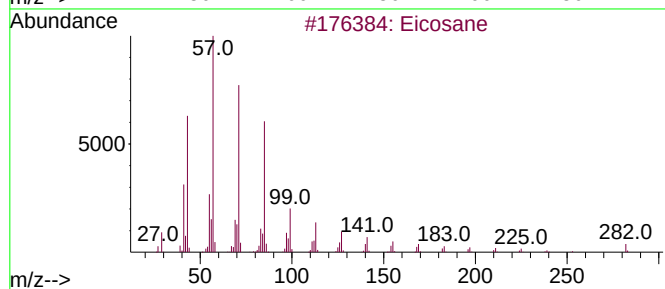
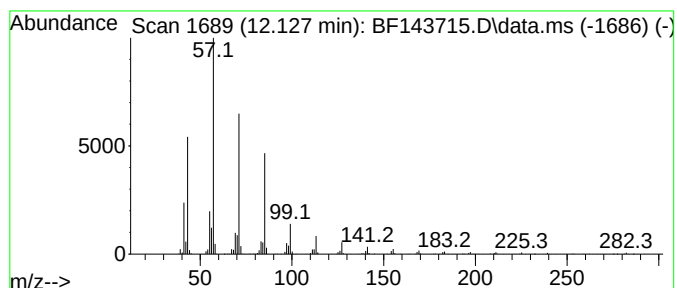
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.127	91.91 ng	1190440	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Hexadecane		226	C16H34	000544-76-3	90
3	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	90
4	Nonadecane		268	C19H40	000629-92-5	90
5	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
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Sample : Q3075-04
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Instrument :
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ClientSampleId :
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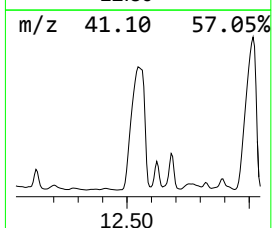
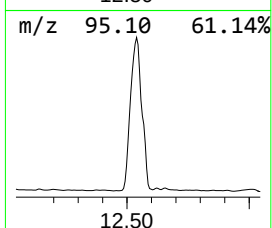
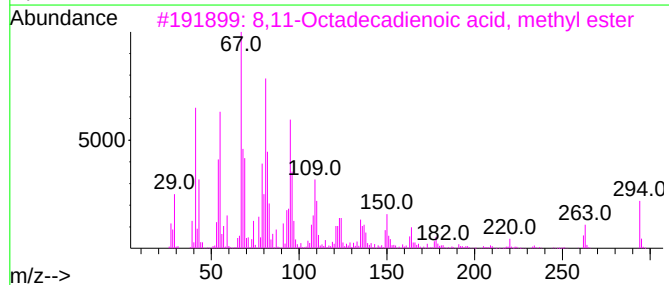
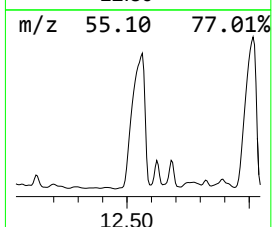
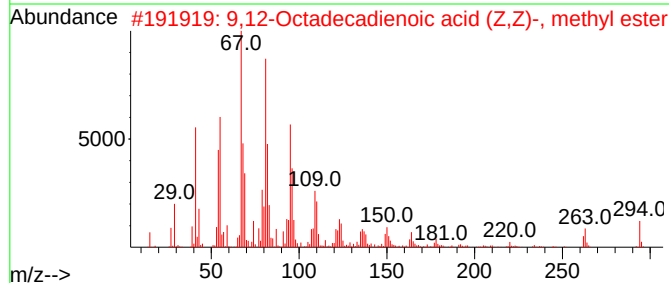
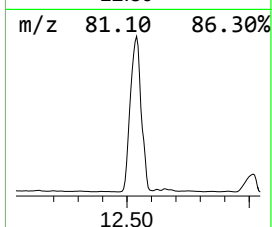
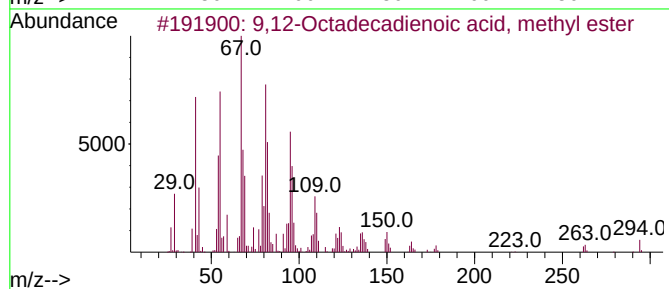
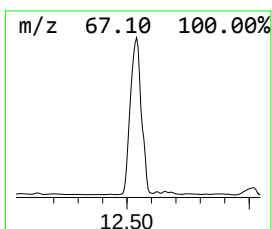
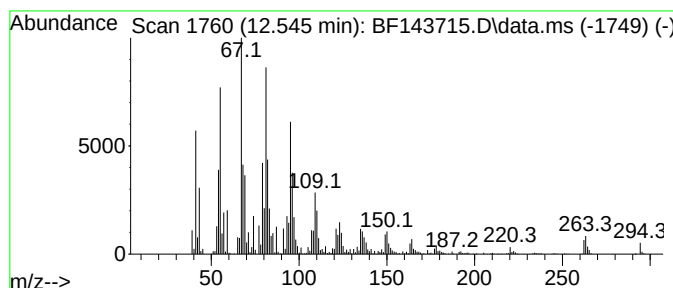
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	1823.83 ng	23623300	Phenanthrene-d10	11.433

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
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Instrument :
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ClientSampleId :
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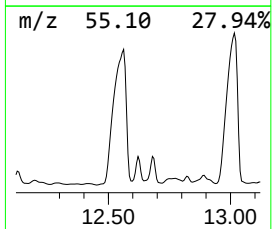
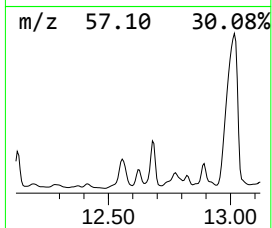
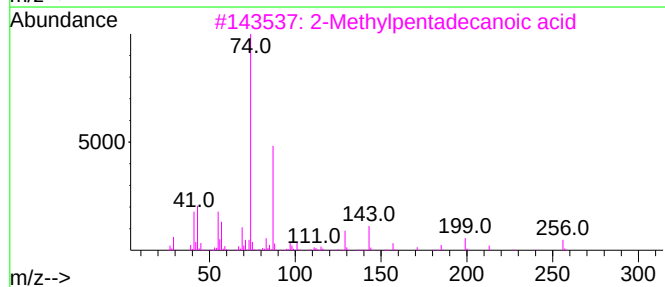
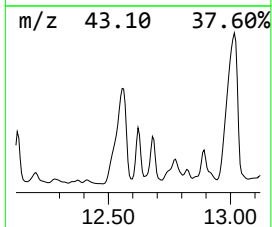
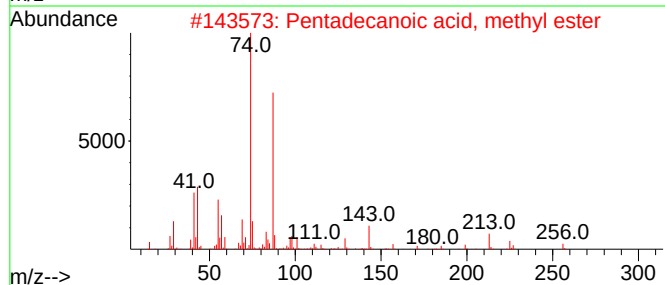
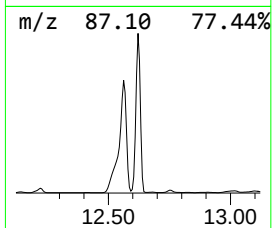
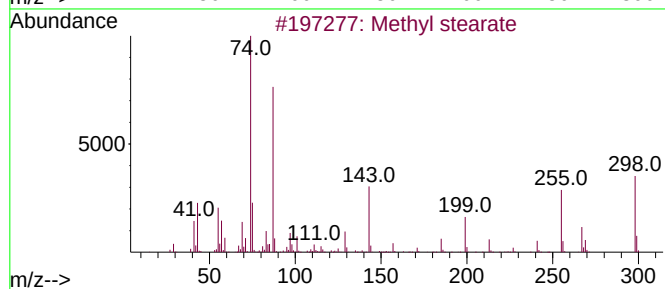
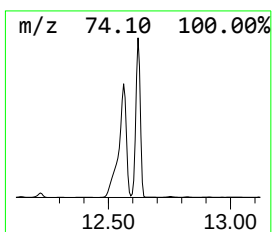
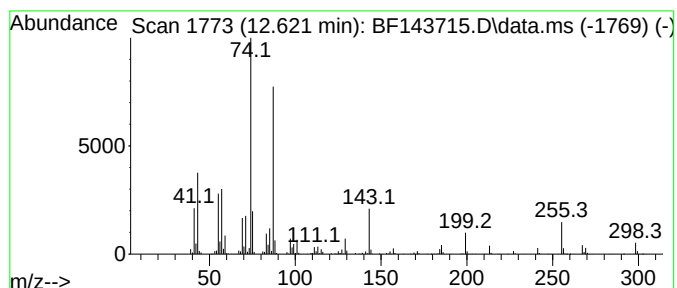
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	178.32 ng	2309650	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	76
3			2-Methylpentadecanoic acid	256	C16H32O2	025354-92-1	74
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	72
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
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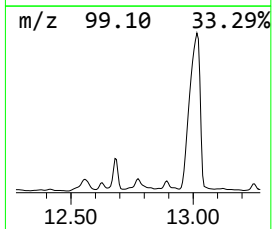
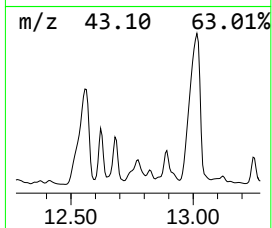
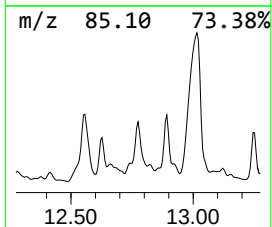
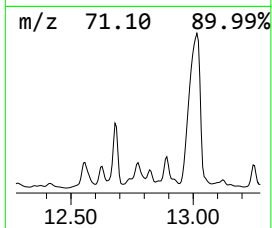
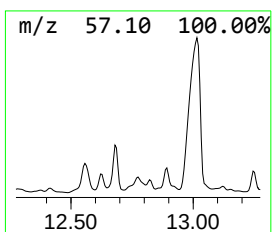
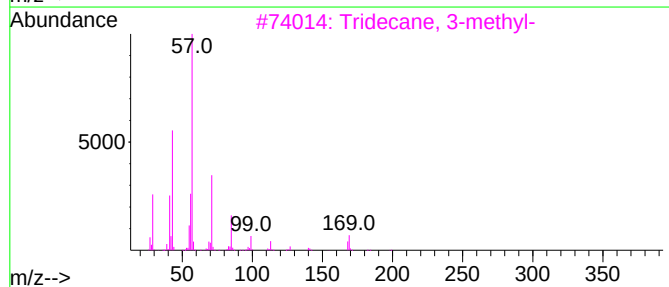
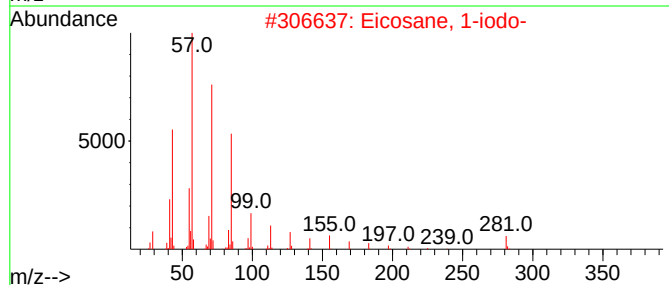
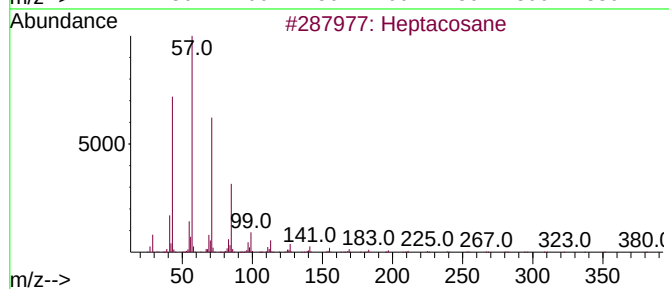
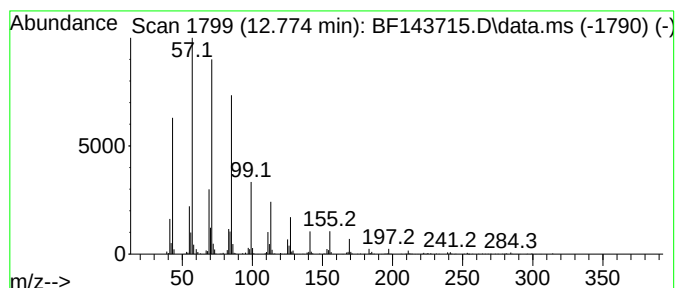
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.774	42.13 ng	1341420	Chrysene-d12	14.068	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	80
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
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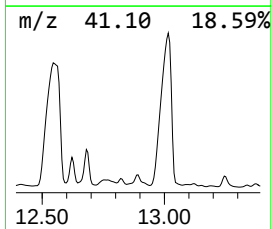
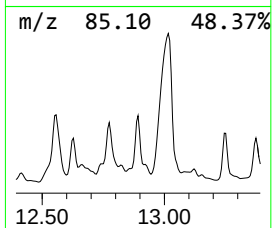
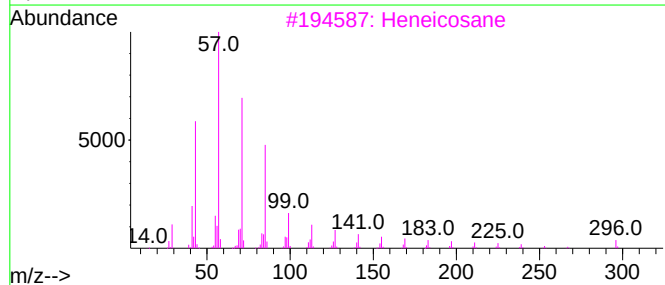
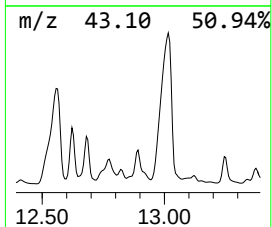
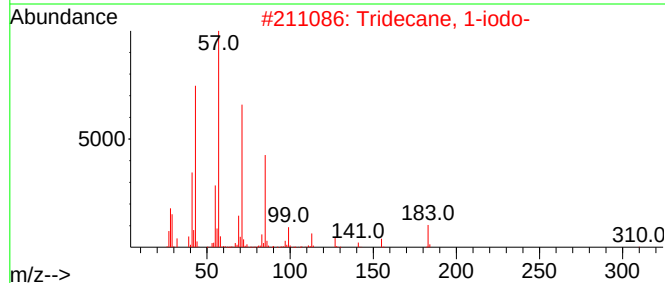
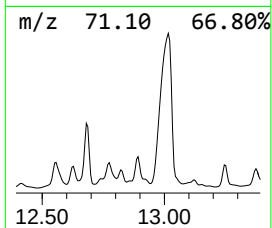
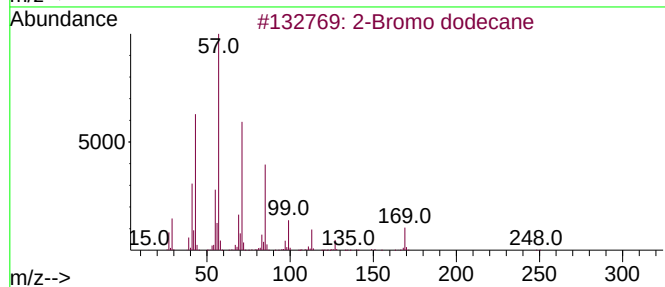
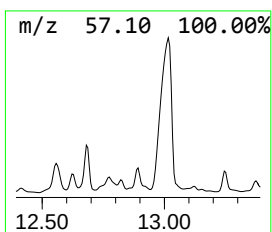
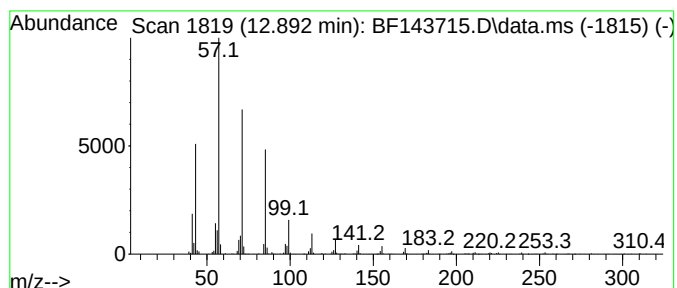
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.892 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	33.70 ng	1073110	Chrysene-d12	14.068

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	90
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
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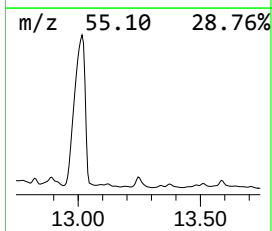
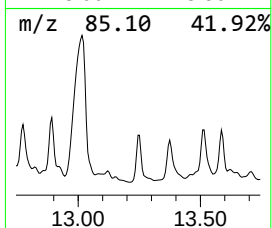
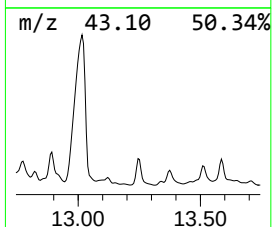
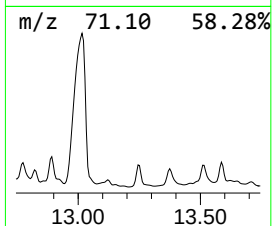
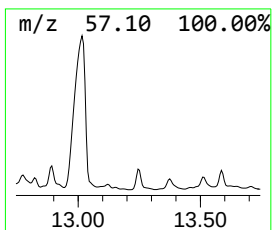
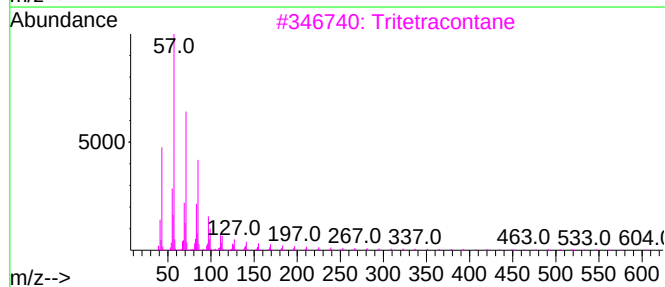
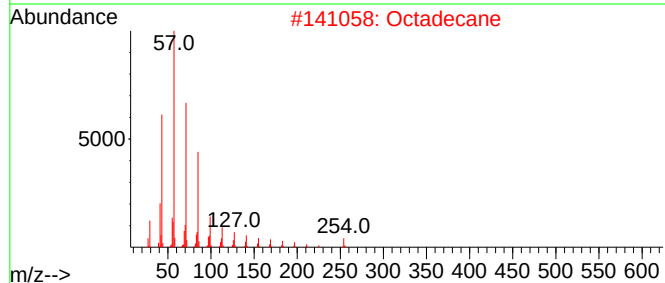
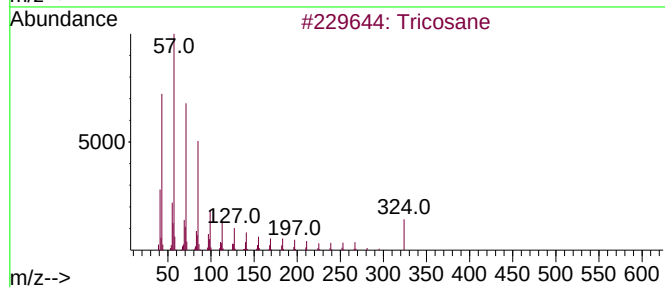
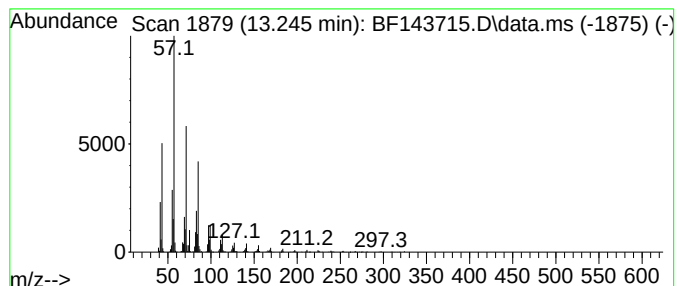
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tricosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	29.28 ng	932344	Chrysene-d12	14.068

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	95
2			Octadecane	254	C18H38	000593-45-3	95
3			Tritetracontane	605	C43H88	007098-21-7	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
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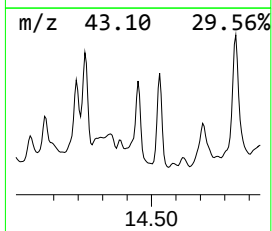
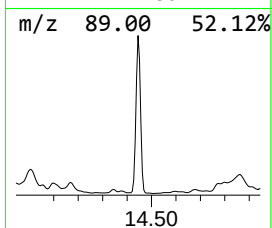
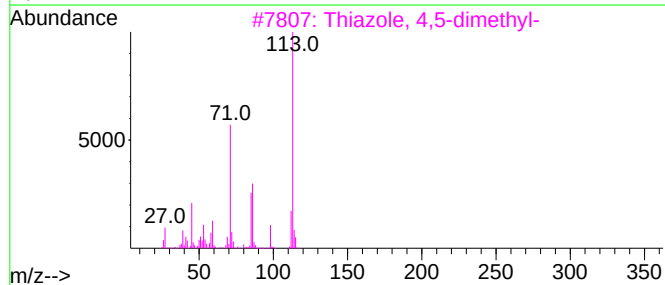
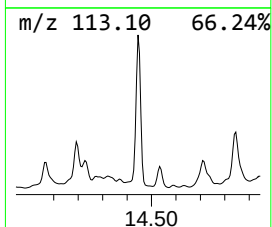
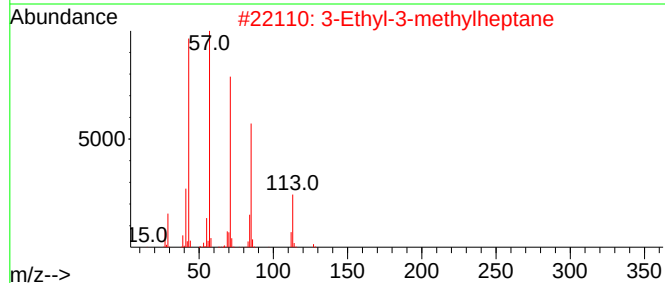
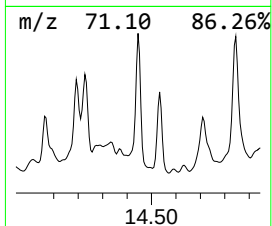
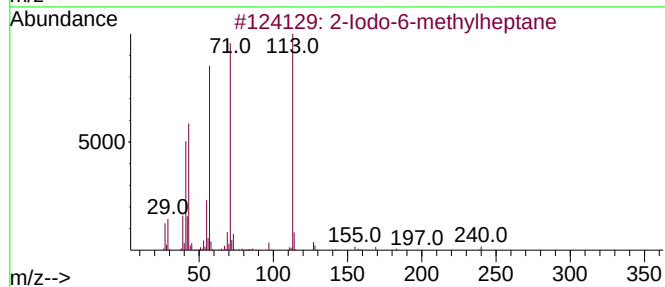
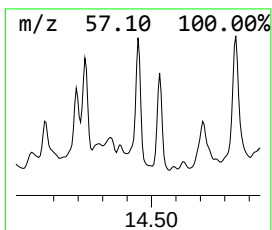
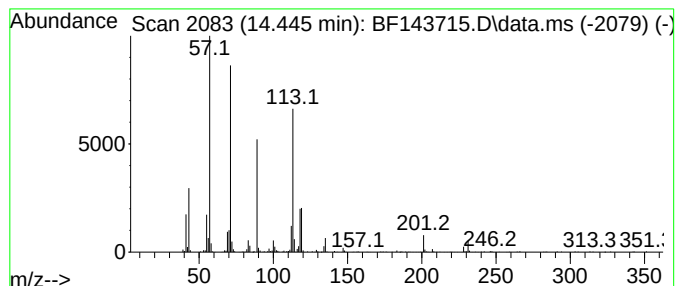
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.445 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.445	29.34 ng	934101	Chrysene-d12		14.068	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Iodo-6-methylheptane		240	C8H17I	088373-60-8	47
2	3-Ethyl-3-methylheptane		142	C10H22	017302-01-1	47
3	Thiazole, 4,5-dimethyl-		113	C5H7NS	003581-91-7	43
4	Octane, 2-bromo-		192	C8H17Br	000557-35-7	38
5	trans-2-Hexenal dimethyl acetal		144	C8H16O2	1000430-79-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

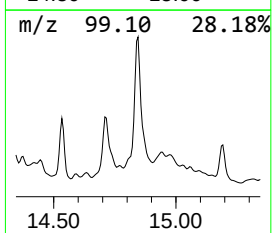
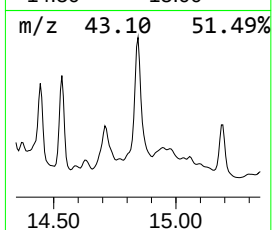
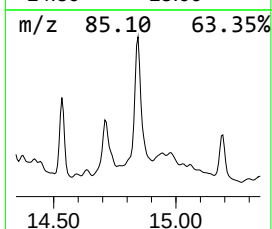
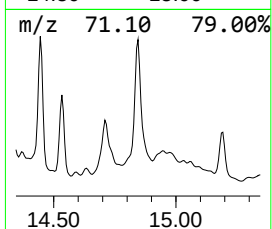
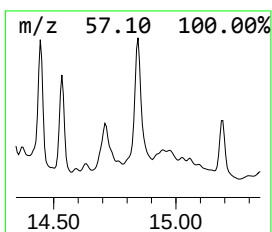
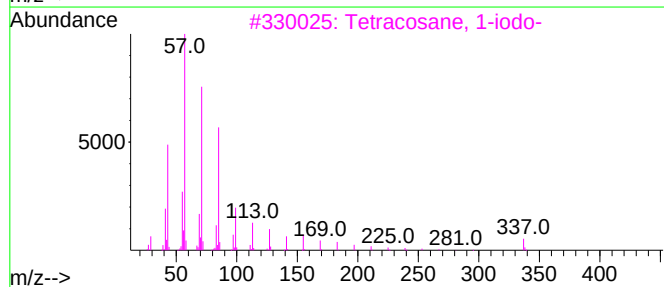
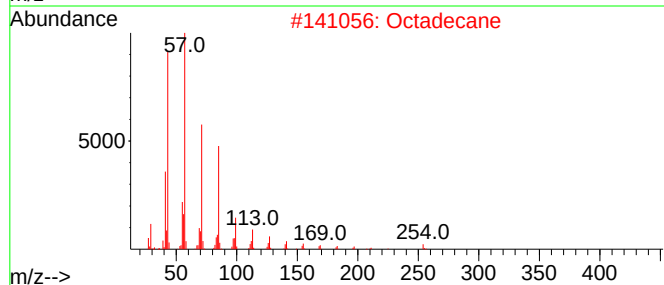
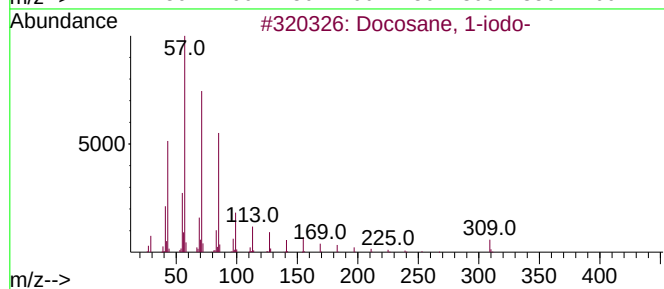
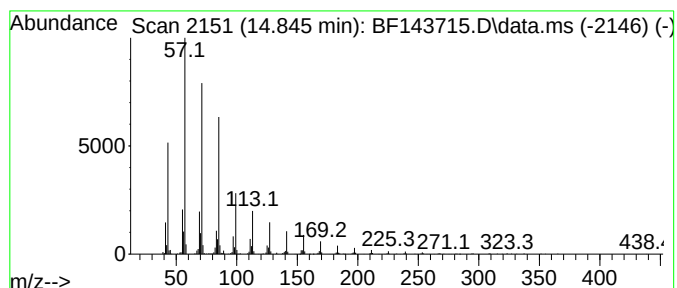
Instrument :
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ClientSampleId :
MOO-25-0258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.845	74.64 ng	1178180	Perylene-d12	15.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	87
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	87
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

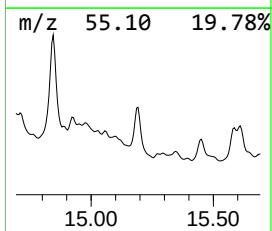
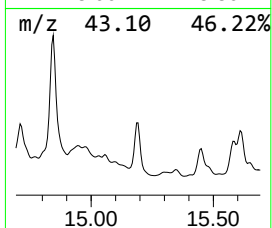
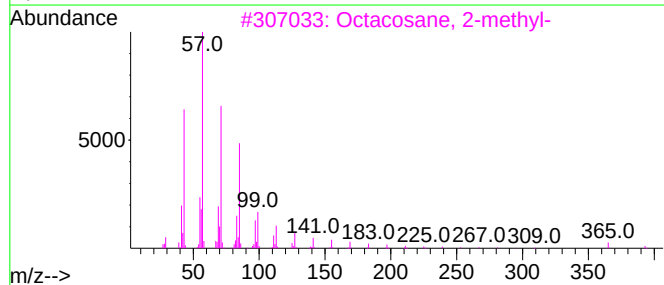
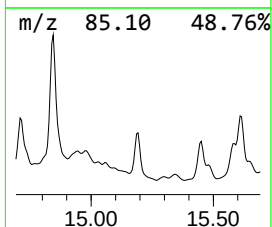
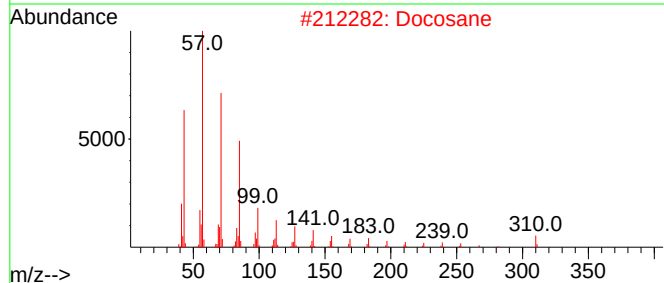
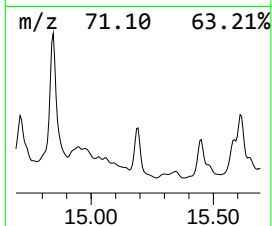
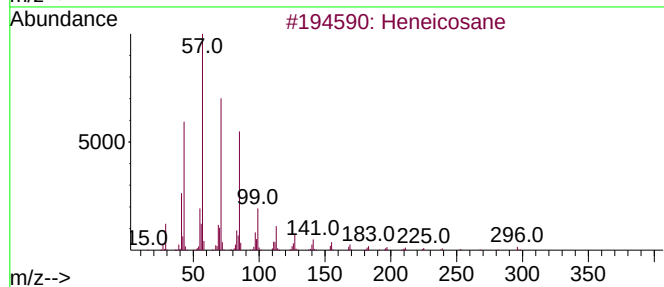
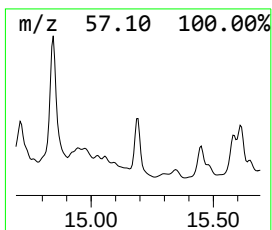
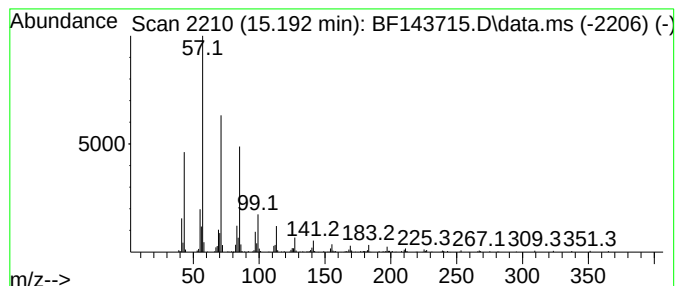
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown15.192 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	31.87 ng	503001	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Docosane	310	C22H46	000629-97-0	91
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143715.D
Acq On : 11 Sep 2025 19:28
Operator : RC/JU
Sample : Q3075-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.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
Benzene, 1,2,3-...	6.722	35.5	ng	442277	1	6.892	249456	20.0
Benzene, 2-ethy...	7.210	28.9	ng	360275	1	6.892	249456	20.0
Heptadecane	10.863	312.6	ng	4048430	4	11.433	259052	20.0
2-Bromo dodecane	11.069	97.6	ng	1264520	4	11.433	259052	20.0
Octadecane	11.298	138.0	ng	1787440	4	11.433	259052	20.0
Hexadecane, 2,6...	11.327	68.2	ng	882790	4	11.433	259052	20.0
Heneicosane	11.722	99.0	ng	1282440	4	11.433	259052	20.0
Hexadecane, 2-m...	11.780	34.4	ng	445162	4	11.433	259052	20.0
Hexadecanoic ac...	11.827	339.1	ng	4391650	4	11.433	259052	20.0
1,3-Propanediol...	11.957	71.6	ng	927876	4	11.433	259052	20.0
Eicosane	12.127	91.9	ng	1190440	4	11.433	259052	20.0
9,12-Octadecadi...	12.545	1823.8	ng	23623300	4	11.433	259052	20.0
Methyl stearate	12.621	178.3	ng	2309650	4	11.433	259052	20.0
Heptacosane	12.774	42.1	ng	1341420	5	14.068	636832	20.0
unknown12.892	12.892	33.7	ng	1073110	5	14.068	636832	20.0
Tricosane	13.245	29.3	ng	932344	5	14.068	636832	20.0
unknown14.445	14.445	29.3	ng	934101	5	14.068	636832	20.0
Docosane, 1-iodo-	14.845	74.6	ng	1178180	6	15.545	315684	20.0
unknown15.192	15.192	31.9	ng	503001	6	15.545	315684	20.0