

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128102.D
 Acq On : 05 May 2022 18:54
 Operator : CG\JU
 Sample : N2672-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 07

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.534	548	552	555	rVB	2598629	2399410	62.67%	2.597%
2	5.810	595	599	602	rBV	1017598	825994	21.57%	0.894%
3	6.146	651	656	662	rBV2	404679	653653	17.07%	0.707%
4	6.334	684	688	691	rBV3	168558	248154	6.48%	0.269%
5	6.393	696	698	701	rVB	440824	354617	9.26%	0.384%
6	6.428	701	704	708	rBV2	852926	864600	22.58%	0.936%
7	6.487	711	714	716	rBV	406176	360412	9.41%	0.390%
8	6.534	718	722	725	rVV	2207307	2404652	62.81%	2.602%
9	6.587	727	731	735	rVB2	218458	269687	7.04%	0.292%
10	6.640	735	740	745	rBV5	191330	399555	10.44%	0.432%
11	6.734	752	756	759	rBV2	2878473	2660251	69.48%	2.879%
12	6.904	782	785	788	rVB	1269413	1039486	27.15%	1.125%
13	6.957	791	794	796	rVB2	283341	236709	6.18%	0.256%
14	7.040	805	808	813	rBV3	373459	449052	11.73%	0.486%
15	7.169	828	830	833	rVB2	686047	632909	16.53%	0.685%
16	7.198	833	835	837	rBV	385922	310340	8.11%	0.336%
17	7.228	837	840	845	rVB2	635355	963109	25.16%	1.042%
18	7.281	845	849	850	rBV	653341	613693	16.03%	0.664%
19	7.434	870	875	877	rBV3	505539	660980	17.26%	0.715%
20	7.475	877	882	883	rVV	1788408	2058558	53.77%	2.228%
21	7.492	883	885	888	rVB	3187925	2791546	72.91%	3.021%
22	7.545	889	894	897	rBV5	449595	696941	18.20%	0.754%
23	7.592	897	902	908	rBV4	310017	674510	17.62%	0.730%
24	7.675	913	916	918	rBV	372693	325681	8.51%	0.352%
25	7.698	918	920	927	rVB3	437673	679856	17.76%	0.736%
26	7.798	930	937	940	rBV4	444797	806131	21.06%	0.872%
27	7.834	940	943	945	rVV2	157814	263137	6.87%	0.285%
28	7.857	945	947	950	rVB3	553744	587509	15.35%	0.636%
29	7.892	950	953	956	rBV2	524275	512040	13.37%	0.554%
30	7.928	956	959	961	rVV	1030326	981175	25.63%	1.062%
31	7.969	964	966	968	rVB	476324	348702	9.11%	0.377%
32	7.998	968	971	974	rVB4	318158	332933	8.70%	0.360%
33	8.028	974	976	978	rVB	359804	253272	6.62%	0.274%
34	8.051	978	980	983	rVB2	352927	321025	8.38%	0.347%
35	8.087	983	986	988	rBV	206191	230915	6.03%	0.250%
36	8.134	988	994	995	rBV4	231468	362055	9.46%	0.392%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.163	995	999	1002	rVV	3689893	3828662	100.00%	4.144%
38	8.192	1002	1004	1006	rVV	907433	772946	20.19%	0.837%
39	8.234	1009	1011	1014	rVB2	1183830	1141135	29.81%	1.235%
40	8.269	1014	1017	1019	rBV2	380364	422135	11.03%	0.457%
41	8.334	1024	1028	1030	rBV4	220956	291997	7.63%	0.316%
42	8.387	1034	1037	1039	rVB2	481742	444331	11.61%	0.481%
43	8.434	1042	1045	1048	rBV2	218638	240030	6.27%	0.260%
44	8.475	1048	1052	1056	rVB4	898716	1157752	30.24%	1.253%
45	8.522	1056	1060	1063	rBV4	438233	558304	14.58%	0.604%
46	8.557	1063	1066	1070	rVB3	516410	582323	15.21%	0.630%
47	8.598	1070	1073	1075	rVB	1250326	1032521	26.97%	1.117%
48	8.692	1085	1089	1091	rBV	903003	814958	21.29%	0.882%
49	8.775	1096	1103	1106	rBV	3627763	3615733	94.44%	3.913%
50	8.851	1113	1116	1122	rVB4	493537	842998	22.02%	0.912%
51	8.963	1132	1135	1137	rBV3	183870	239690	6.26%	0.259%
52	9.010	1140	1143	1145	rBV2	702205	603290	15.76%	0.653%
53	9.051	1147	1150	1152	rBV2	432671	372351	9.73%	0.403%
54	9.134	1160	1164	1166	rBV2	746775	737575	19.26%	0.798%
55	9.175	1169	1171	1173	rVV	520227	387322	10.12%	0.419%
56	9.198	1173	1175	1178	rVV	1006576	796977	20.82%	0.863%
57	9.269	1182	1187	1190	rVB	3004775	2980071	77.84%	3.225%
58	9.339	1194	1199	1202	rVV	3385637	3152107	82.33%	3.411%
59	9.375	1202	1205	1207	rVV4	311730	365928	9.56%	0.396%
60	9.416	1209	1212	1214	rVV	499690	463348	12.10%	0.501%
61	9.522	1228	1230	1236	rVB6	254253	331563	8.66%	0.359%
62	9.592	1236	1242	1244	rBV4	421680	776422	20.28%	0.840%
63	9.651	1249	1252	1255	rBV3	729701	922564	24.10%	0.998%
64	9.716	1260	1263	1269	rVV4	484174	524372	13.70%	0.568%
65	9.869	1282	1289	1292	rBV	2859702	2587953	67.59%	2.801%
66	9.951	1297	1303	1305	rVB	1005999	1100303	28.74%	1.191%
67	10.098	1324	1328	1330	rBV2	322667	463169	12.10%	0.501%
68	10.122	1330	1332	1334	rVV	363496	312484	8.16%	0.338%
69	10.151	1334	1337	1340	rVB2	302893	314057	8.20%	0.340%
70	10.186	1340	1343	1347	rBV3	610068	690596	18.04%	0.747%
71	10.222	1347	1349	1353	rVB	369974	309597	8.09%	0.335%
72	10.263	1353	1356	1359	rBV4	217114	328312	8.58%	0.355%
73	10.369	1368	1374	1377	rBV	2601571	2338745	61.09%	2.531%
74	10.428	1381	1384	1389	rVB5	167357	273039	7.13%	0.295%
75	10.586	1405	1411	1413	rBV	828771	1079390	28.19%	1.168%
76	10.639	1417	1420	1423	rVB	282458	234356	6.12%	0.254%

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77	10.669	1423	1425	1429	rBV2	296942	298319	7.79%	0.323%
78	10.704	1429	1431	1434	rBV2	328040	254499	6.65%	0.275%
79	10.739	1434	1437	1441	rBV	1952345	1933500	50.50%	2.093%
80	10.839	1451	1454	1463	rVB	2055974	2656863	69.39%	2.875%
81	11.033	1484	1487	1491	rBV	291600	421568	11.01%	0.456%
82	11.292	1527	1531	1533	rBV	1719624	1526474	39.87%	1.652%
83	11.316	1533	1535	1542	rVB	773609	863951	22.57%	0.935%
84	11.439	1552	1556	1558	rBV	1207983	1076941	28.13%	1.166%
85	11.463	1558	1560	1565	rVB	369553	394966	10.32%	0.427%
86	11.716	1600	1603	1606	rVB	1613832	1253887	32.75%	1.357%
87	11.816	1617	1620	1623	rVB	994155	810462	21.17%	0.877%
88	11.880	1628	1631	1636	rBV	167823	240329	6.28%	0.260%
89	12.122	1669	1672	1675	rBV	1226455	1024375	26.76%	1.109%
90	12.510	1734	1738	1740	rBV2	3661677	3749830	97.94%	4.058%
91	12.533	1740	1742	1750	rVB2	2752525	2402367	62.75%	2.600%
92	12.610	1752	1755	1760	rVB	456715	383602	10.02%	0.415%
93	12.651	1760	1762	1765	rBV	302659	270915	7.08%	0.293%
94	12.880	1796	1801	1805	rBV	806302	786402	20.54%	0.851%
95	13.027	1822	1826	1829	rVB	3138738	2751279	71.86%	2.978%
96	13.239	1859	1862	1865	rBV	477248	393978	10.29%	0.426%
97	13.910	1973	1976	1990	rVB4	157871	313819	8.20%	0.340%
98	14.080	2001	2005	2008	rBV	758340	720106	18.81%	0.779%
99	14.739	2113	2117	2124	rBV	221358	271126	7.08%	0.293%
100	15.580	2255	2260	2265	rBV	452103	595991	15.57%	0.645%

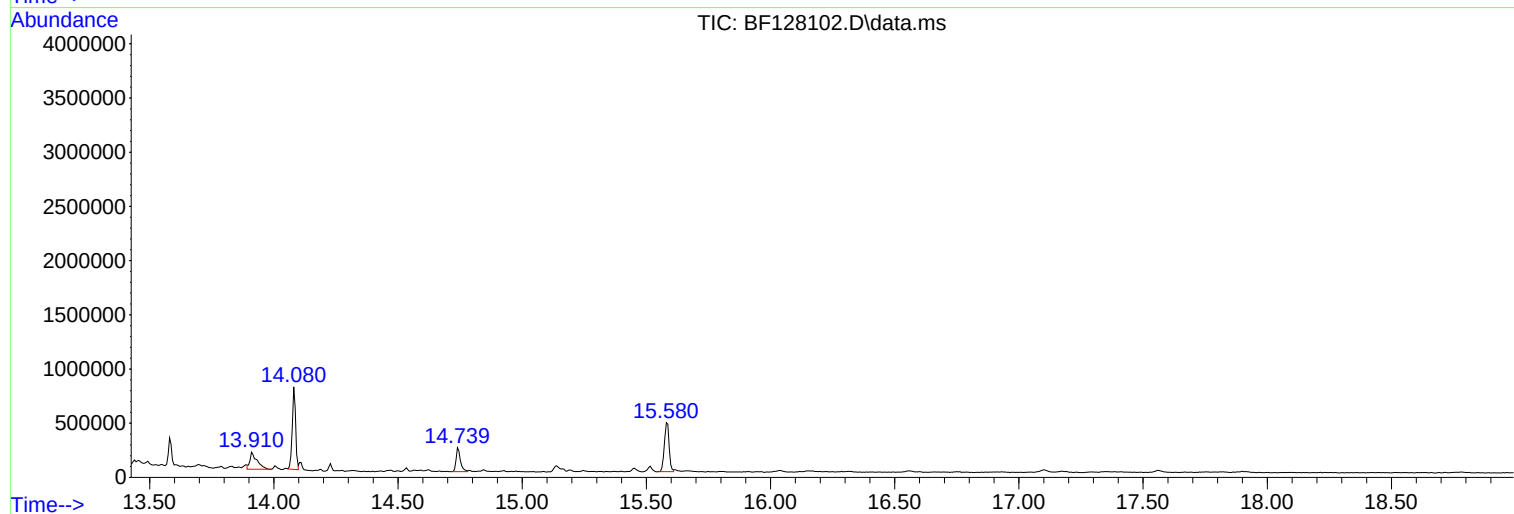
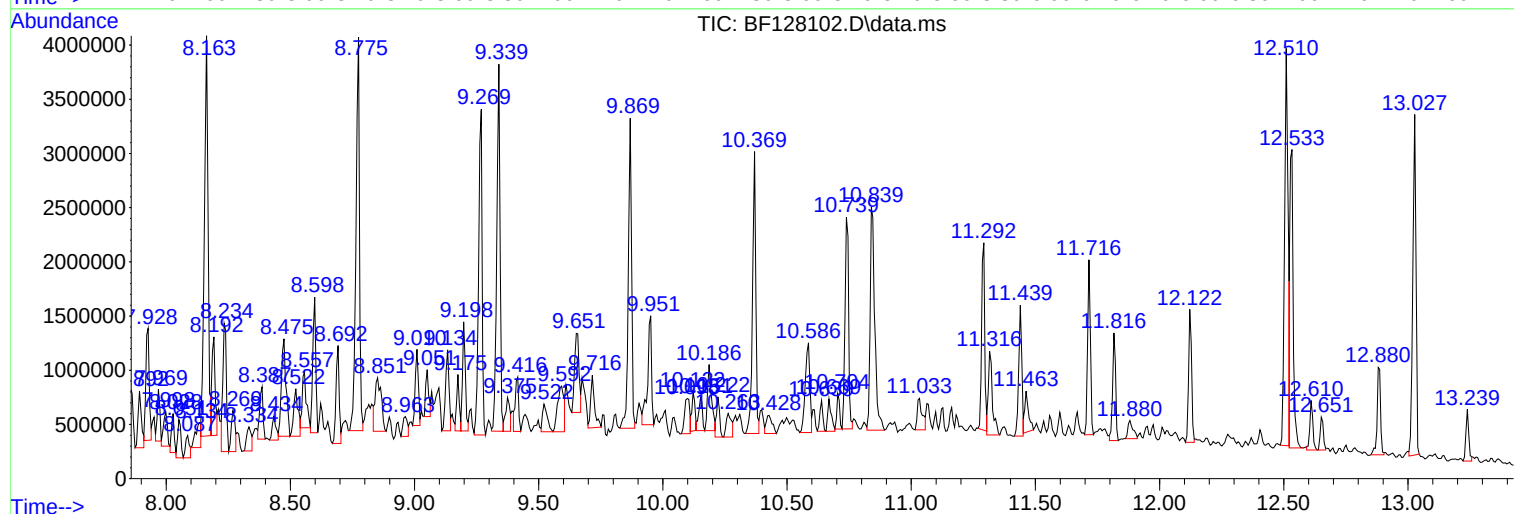
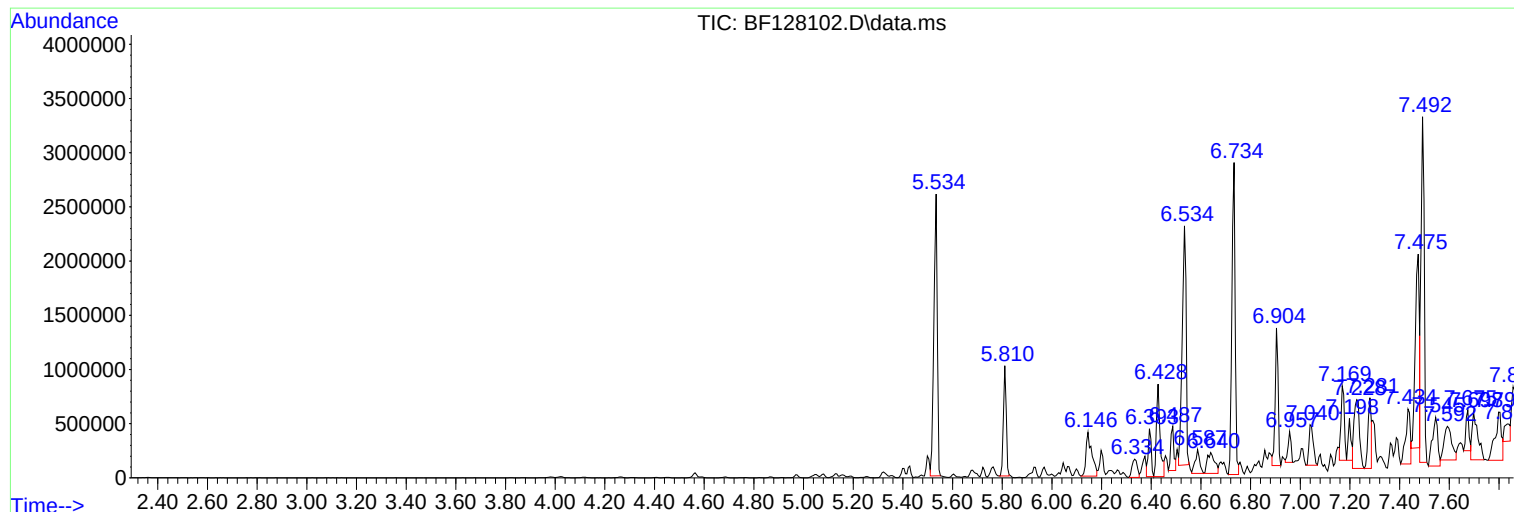
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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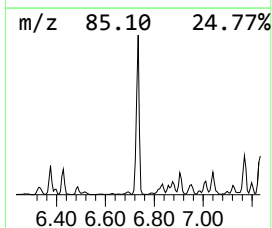
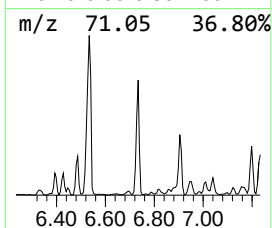
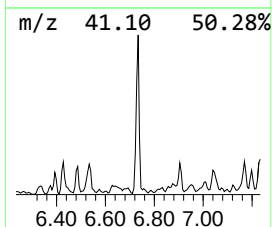
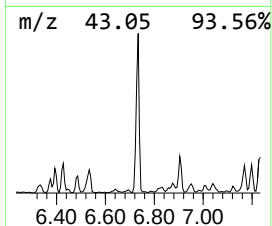
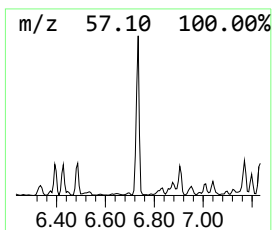
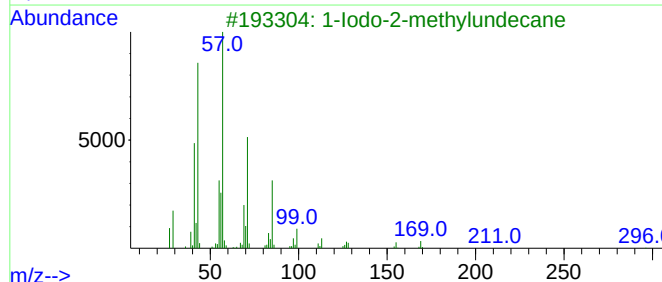
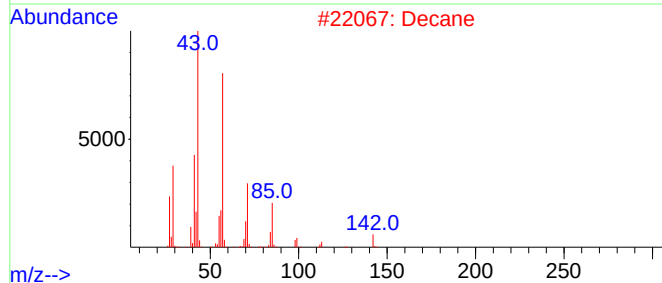
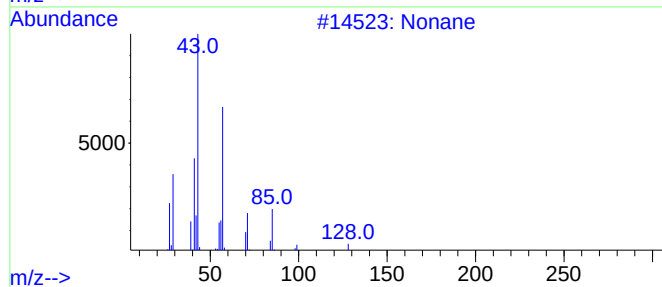
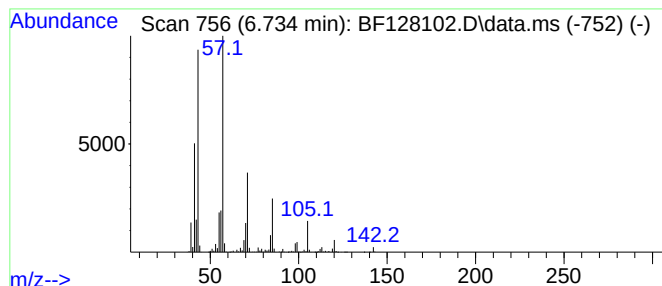
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.734	51.18 ng	2660250	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	80
2			Decane	142	C10H22	000124-18-5	80
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4			Nonane, 2-methyl-	142	C10H22	000871-83-0	64
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53



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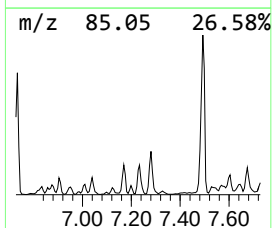
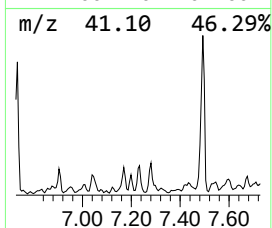
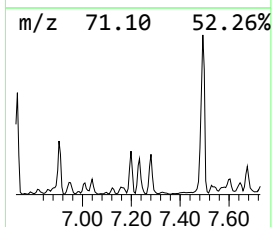
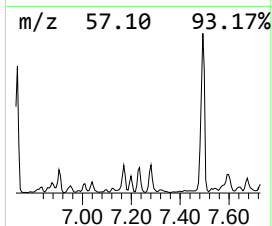
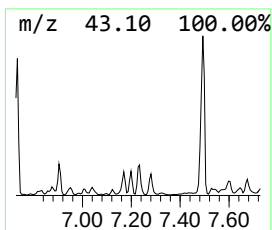
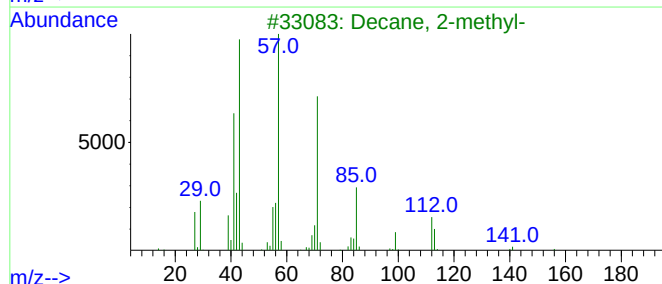
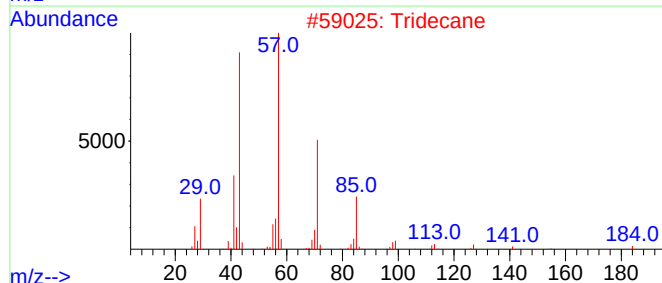
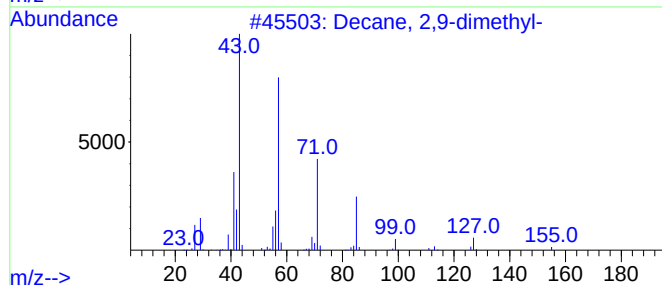
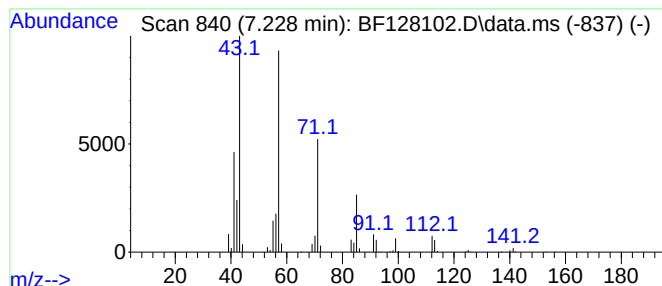
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 2,9-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.228	18.53 ng	963109	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
2			Tridecane	184	C13H28	000629-50-5	72
3			Decane, 2-methyl-	156	C11H24	006975-98-0	72
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5			Octane, 2-methyl-	128	C9H20	003221-61-2	59



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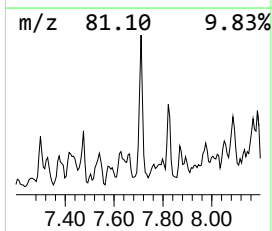
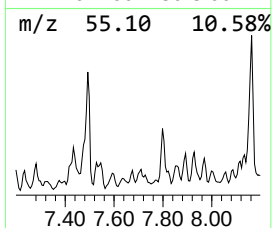
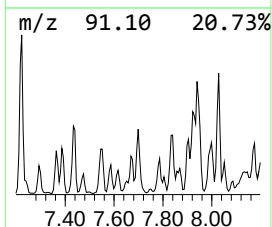
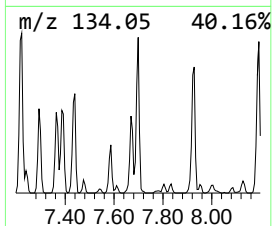
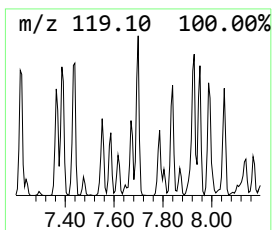
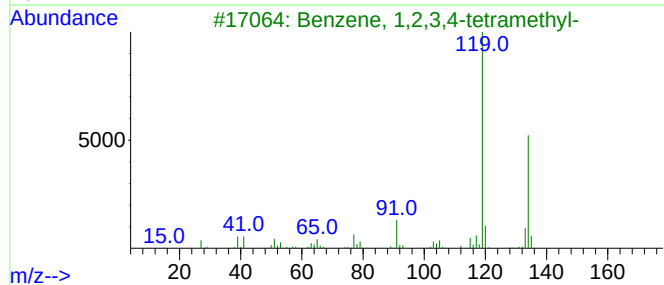
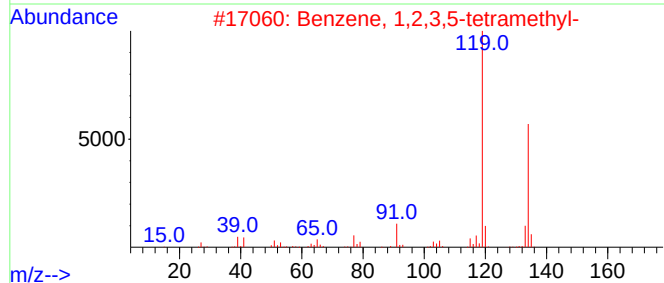
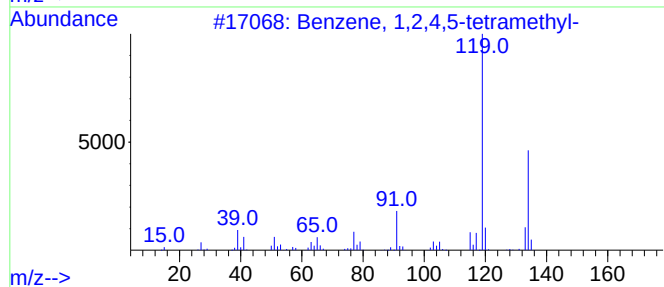
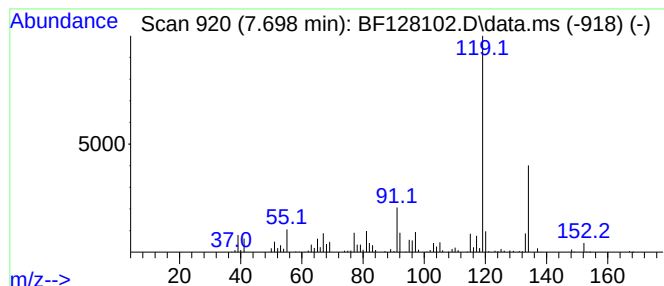
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.698	17.59 ng	679856	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4			p-Cymene	134	C10H14	000099-87-6	81
5			o-Cymene	134	C10H14	000527-84-4	81



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Data File : BF128102.D
Acq On : 05 May 2022 18:54
Operator : CG\JU
Sample : N2672-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

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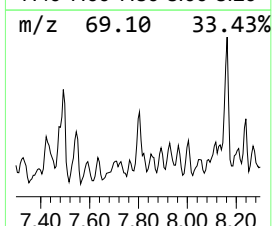
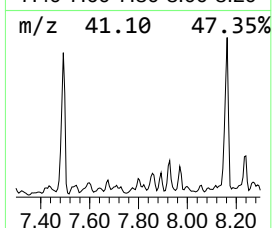
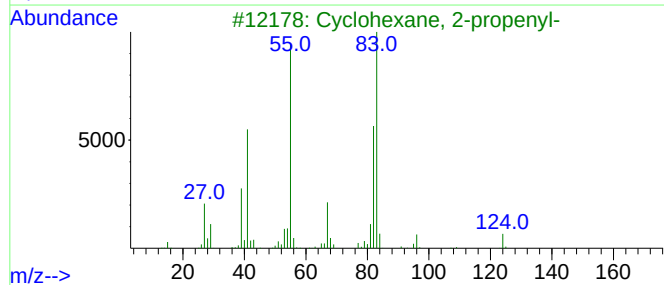
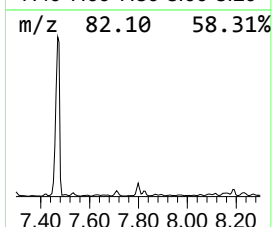
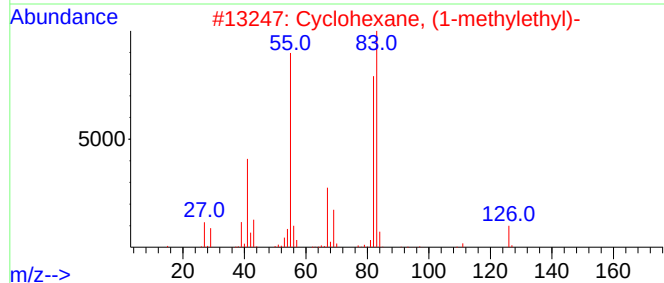
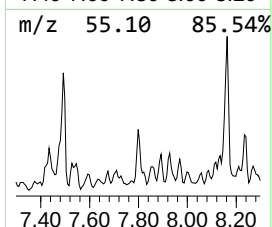
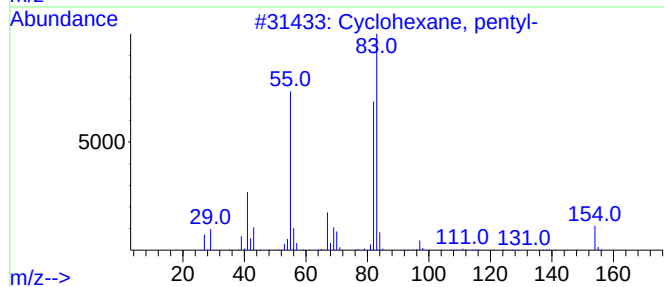
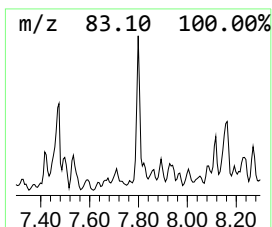
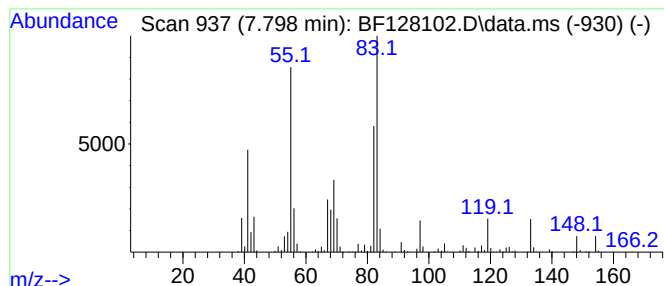
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	20.86 ng	806131	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	59
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
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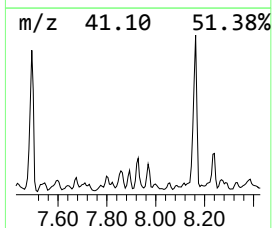
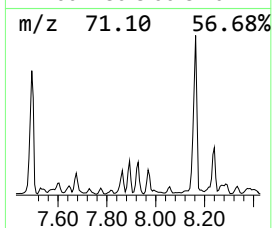
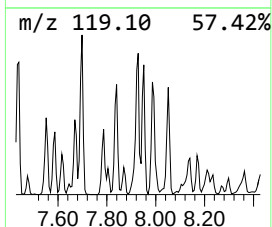
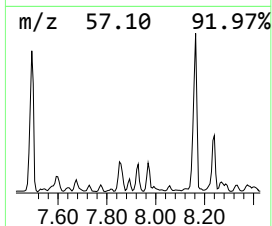
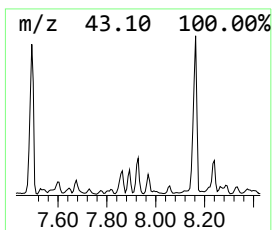
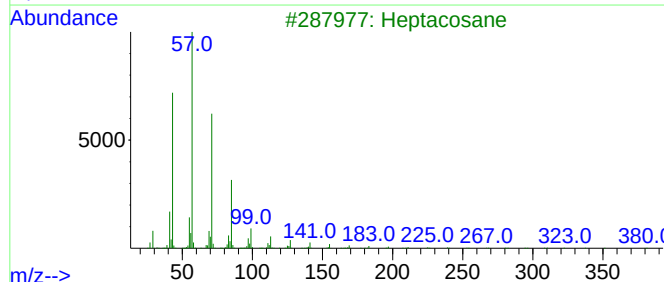
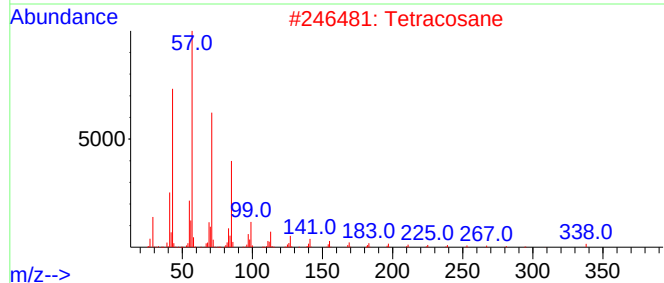
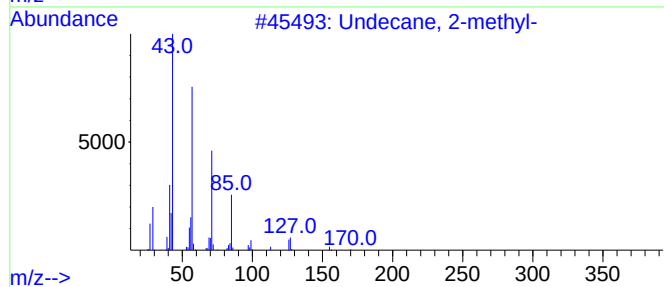
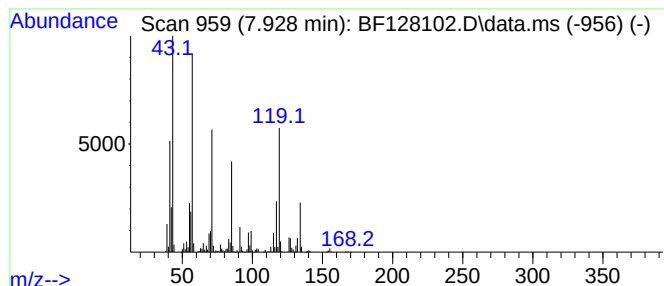
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.928	25.39 ng	981175	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	55
2			Tetracosane	338	C24H50	000646-31-1	38
3			Heptacosane	380	C27H56	000593-49-7	38
4			Octane, 4-methyl-	128	C9H20	002216-34-4	38
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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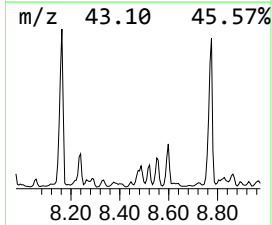
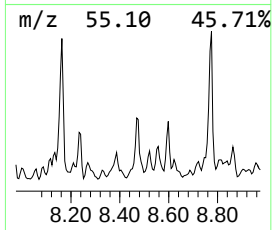
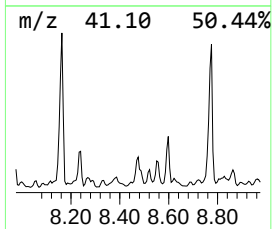
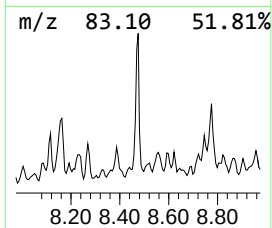
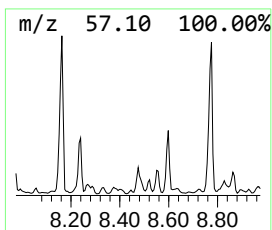
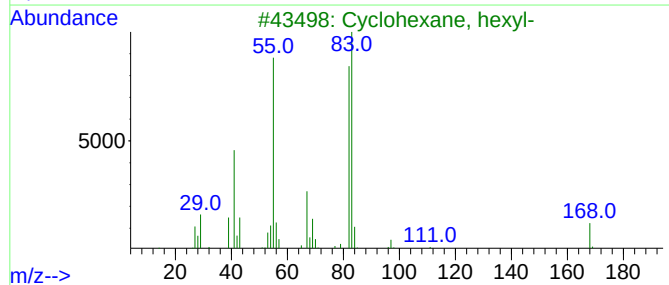
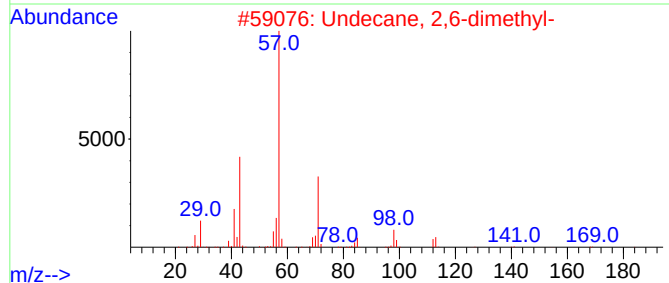
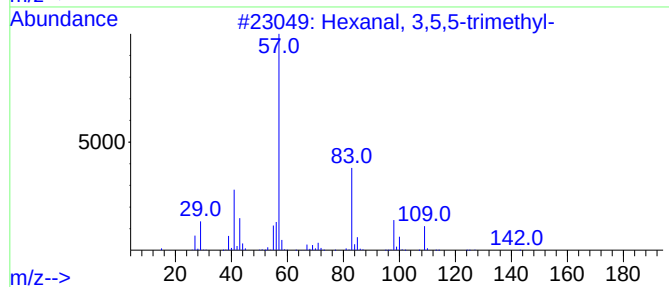
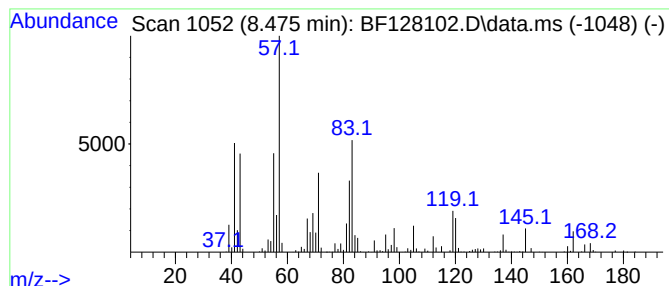
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.475 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.475	29.96 ng	1157750	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	35
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	30
5			Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128102.D
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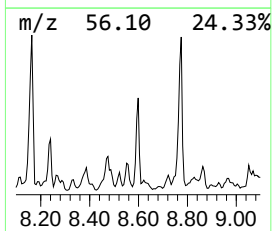
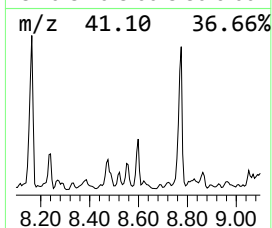
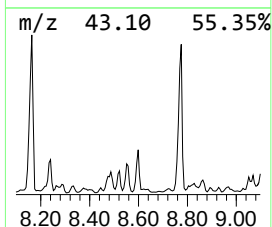
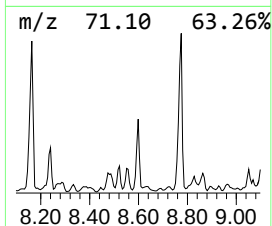
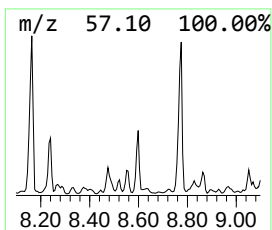
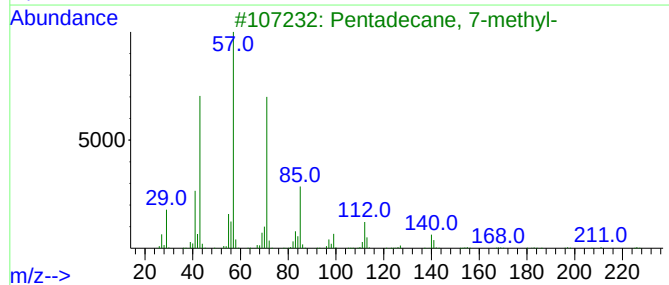
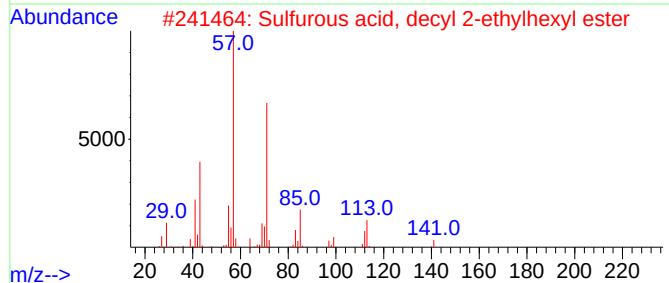
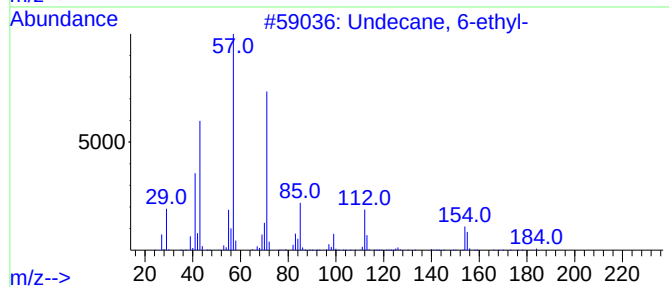
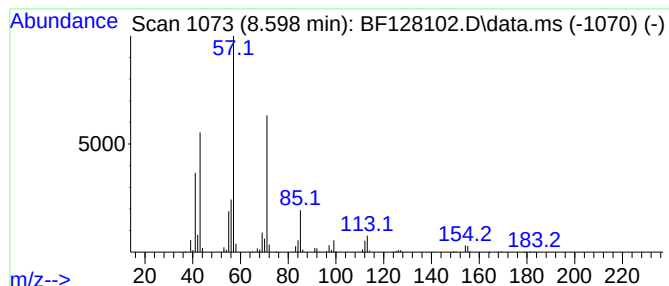
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 6-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	26.72 ng	1032520	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	74
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
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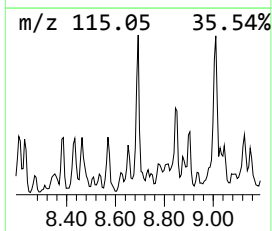
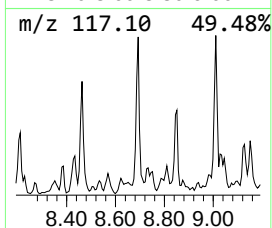
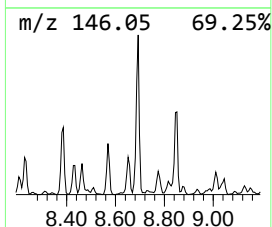
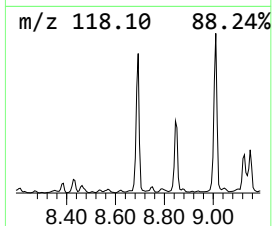
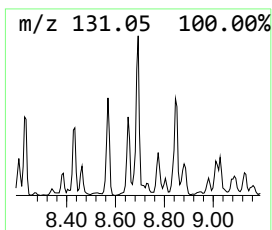
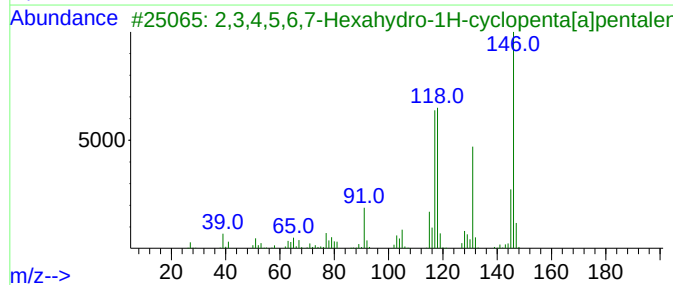
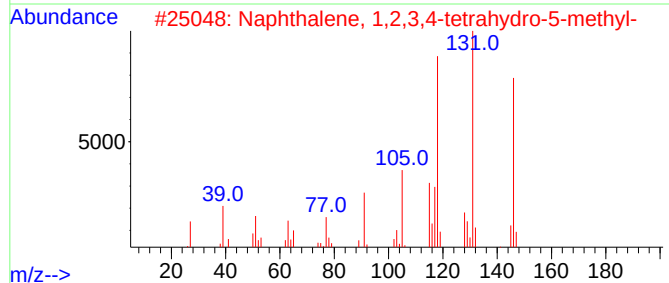
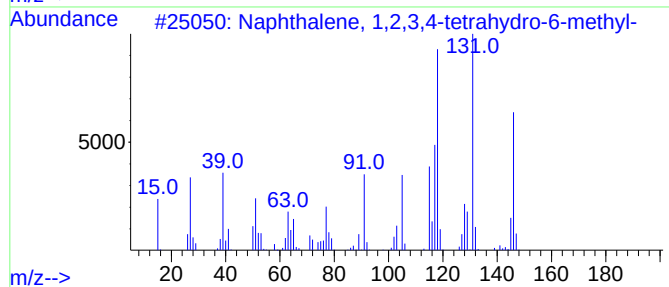
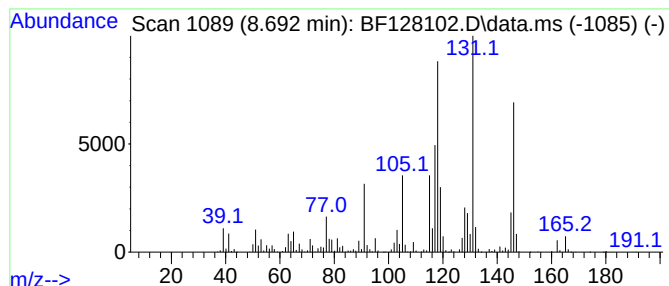
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.692	21.09 ng	814958	Naphthalene-d8	8.192	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
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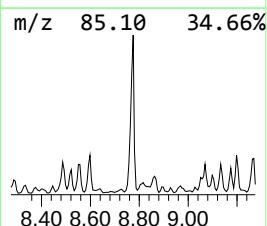
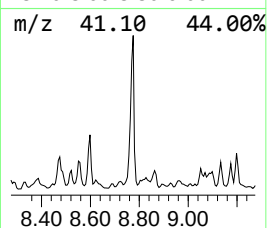
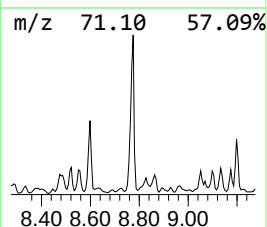
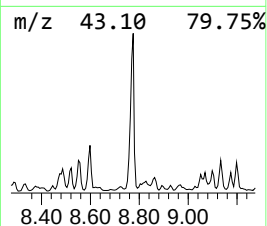
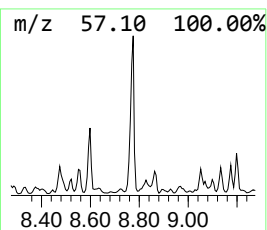
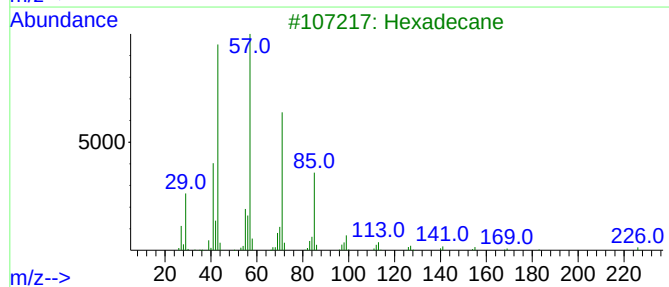
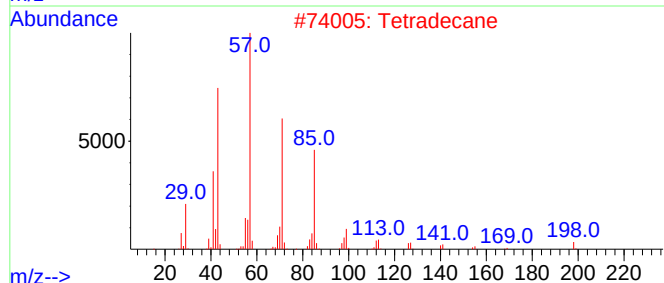
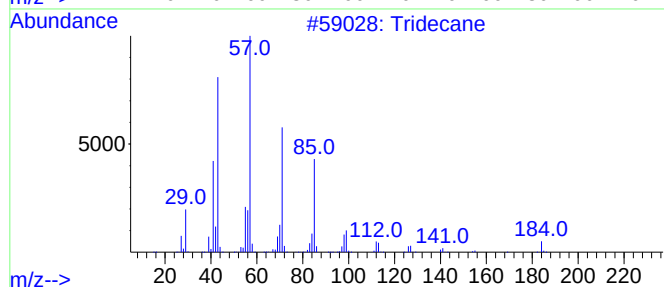
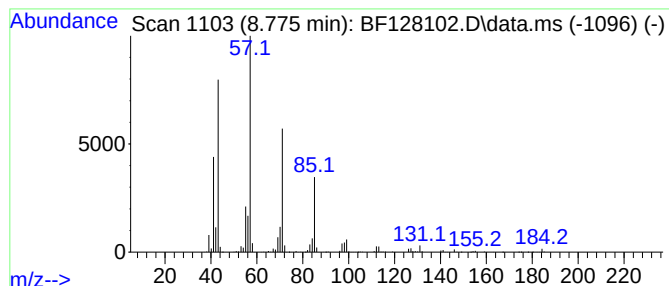
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.775	93.56 ng	3615730	Naphthalene-d8	8.192

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
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ClientSampleId :
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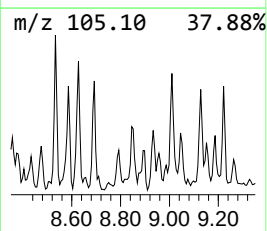
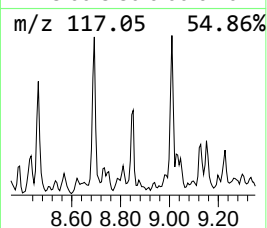
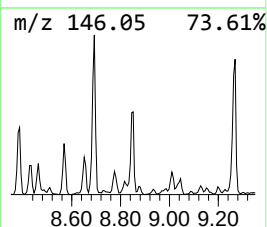
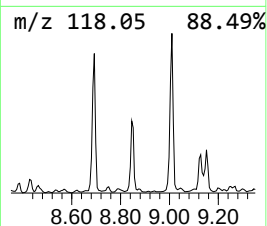
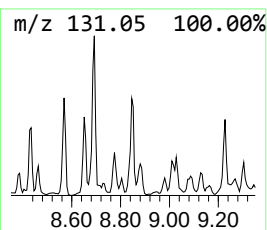
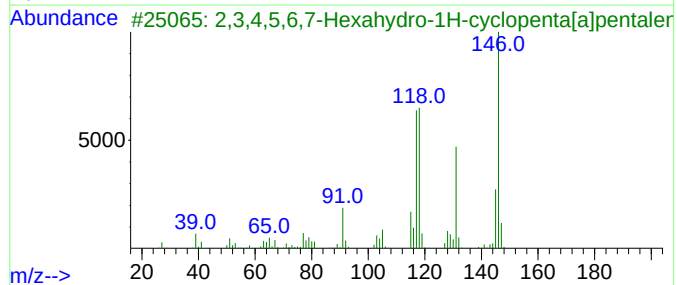
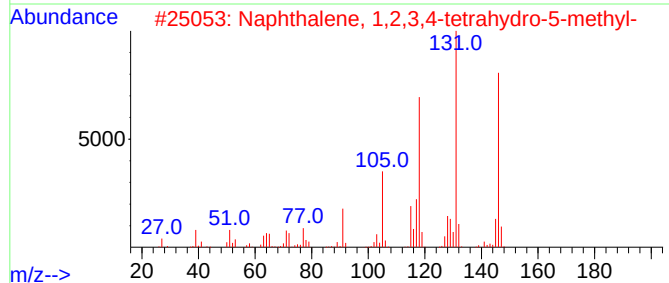
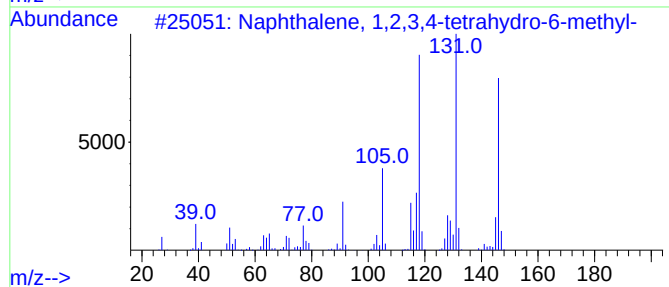
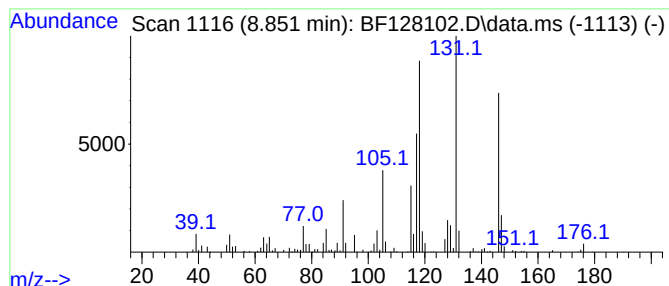
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	21.81 ng	842998	Naphthalene-d8	8.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	87
4			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	74
5			Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128102.D
Acq On : 05 May 2022 18:54
Operator : CG\JU
Sample : N2672-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

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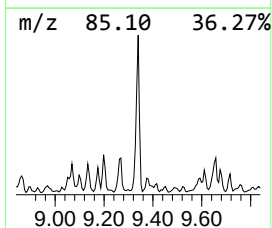
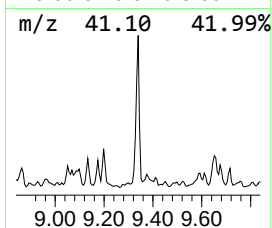
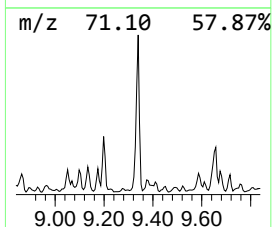
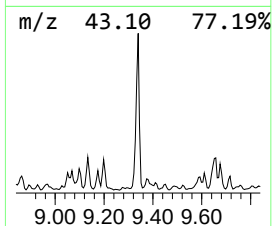
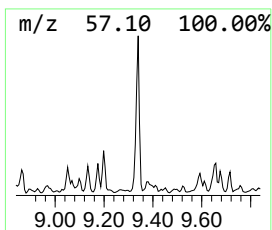
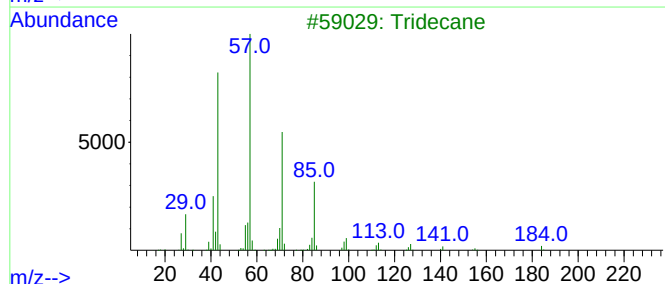
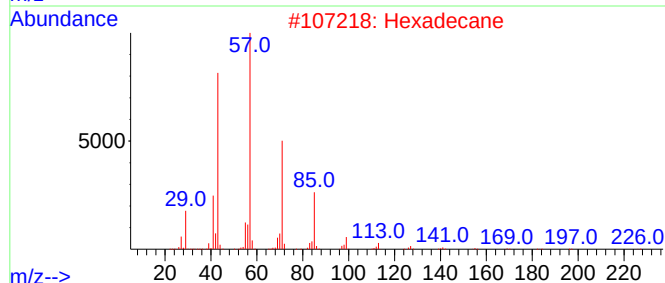
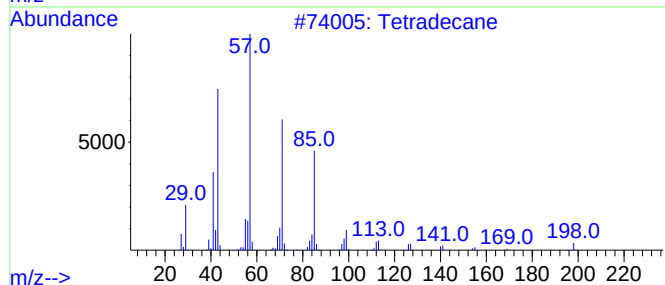
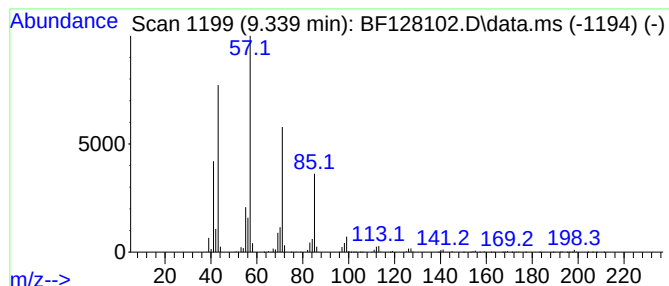
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	57.30 ng	3152110	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128102.D
Acq On : 05 May 2022 18:54
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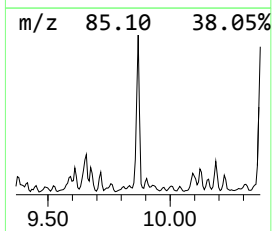
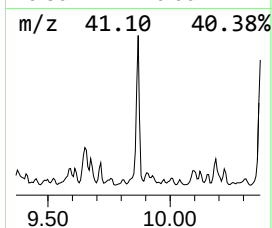
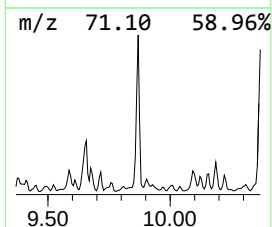
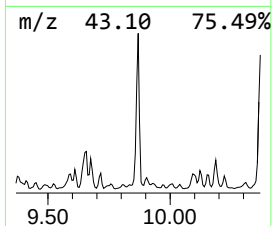
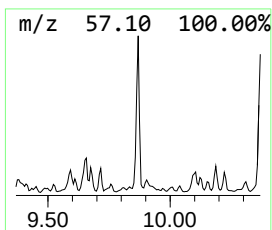
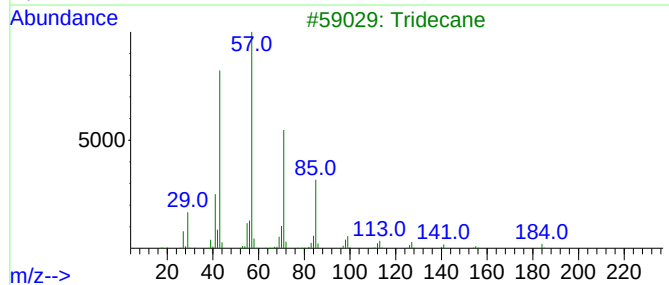
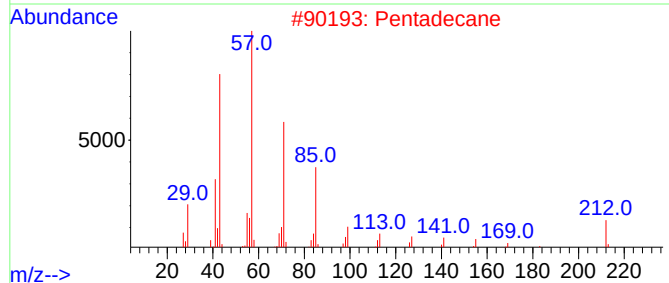
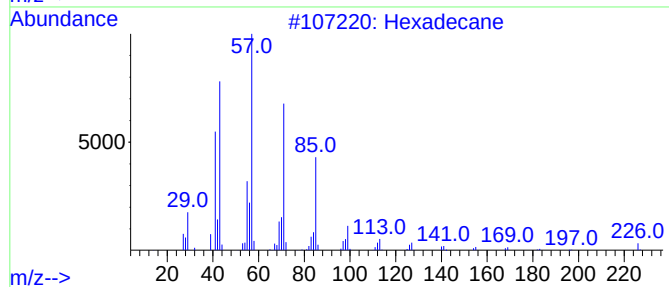
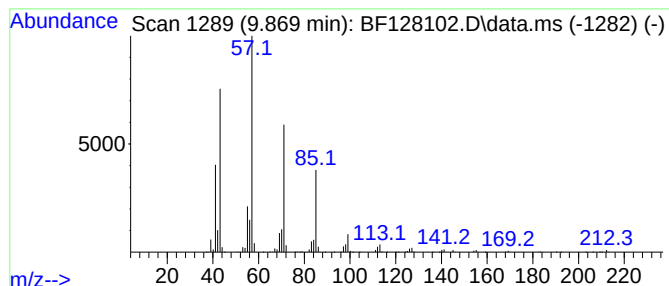
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.869	47.04 ng	2587950	Acenaphthene-d10	9.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128102.D
Acq On : 05 May 2022 18:54
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Sample : N2672-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

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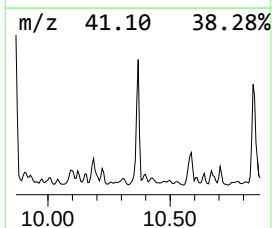
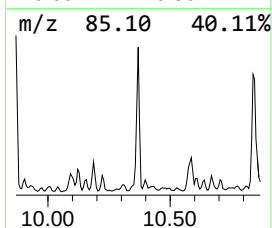
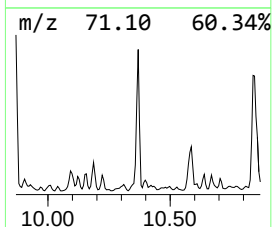
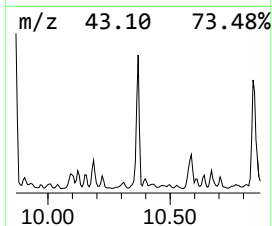
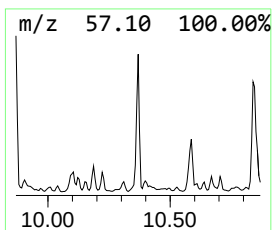
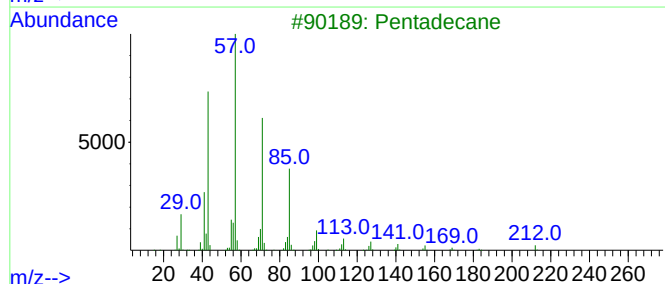
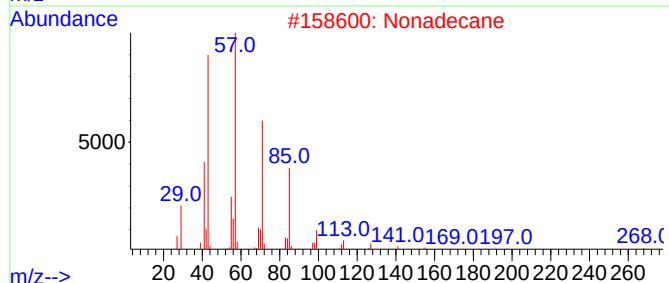
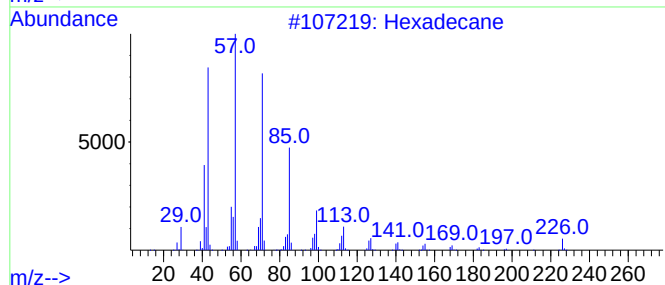
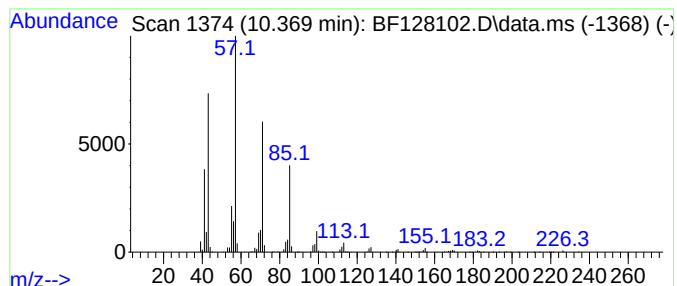
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.369	42.51 ng	2338750	Acenaphthene-d10	9.951

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	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128102.D
Acq On : 05 May 2022 18:54
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Sample : N2672-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

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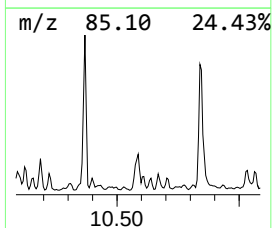
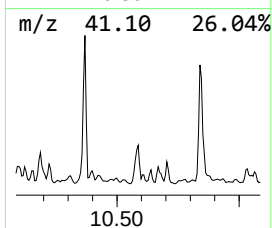
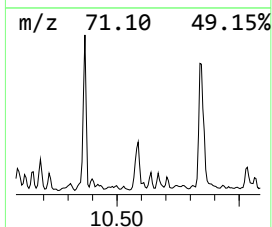
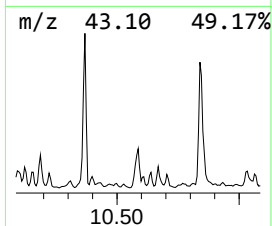
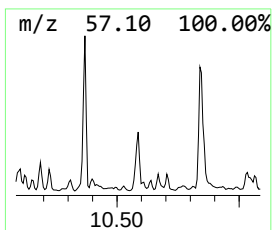
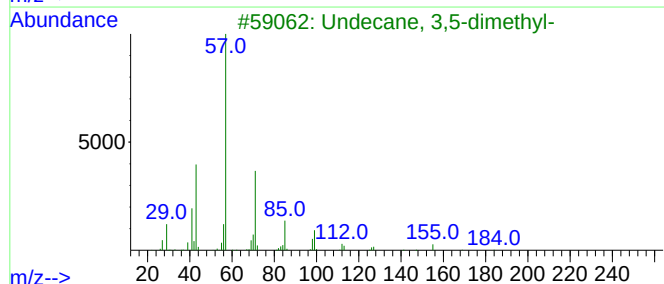
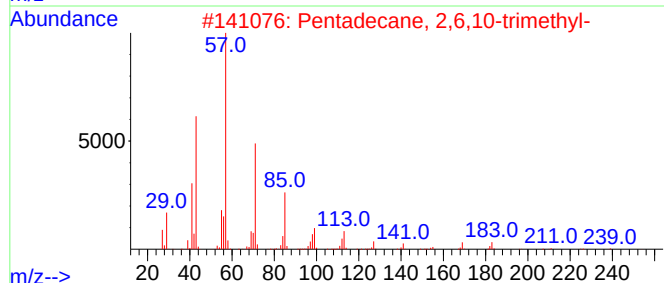
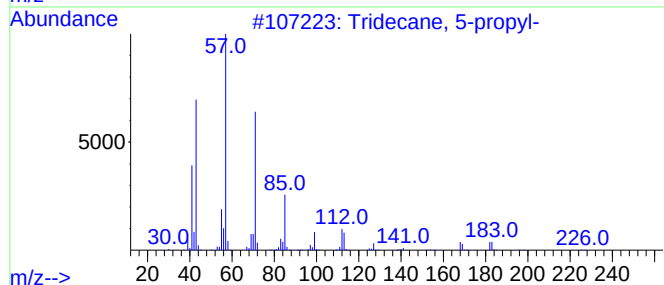
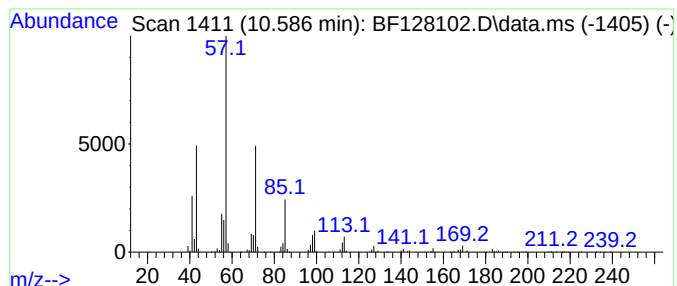
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	19.62 ng	1079390	Acenaphthene-d10	9.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
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Misc :
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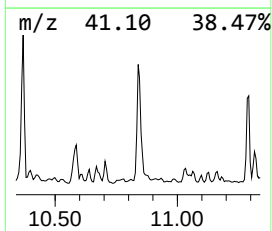
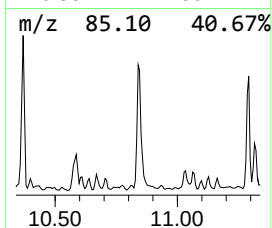
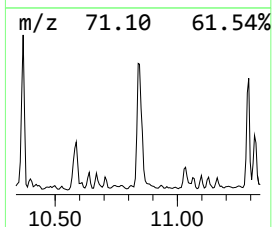
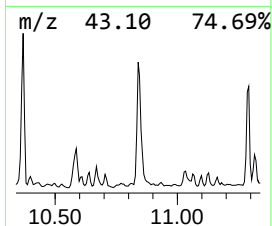
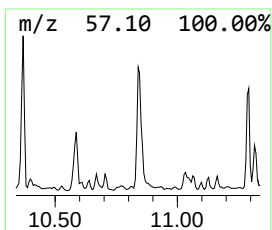
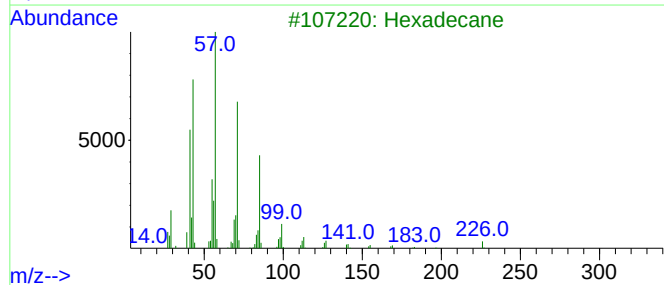
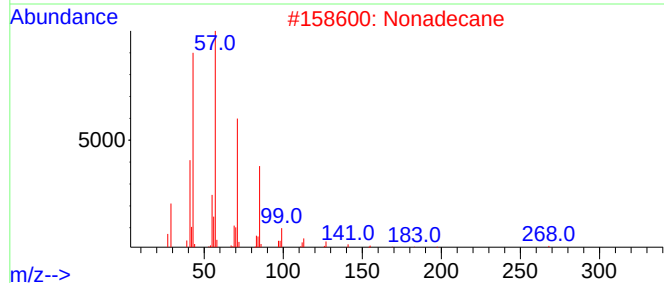
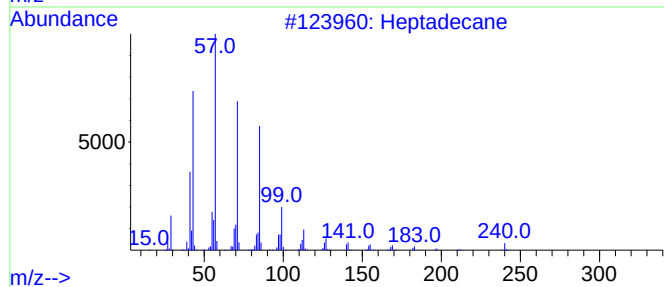
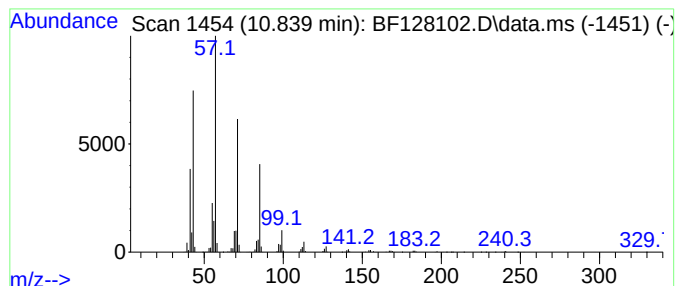
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.839	49.34 ng	2656860	Phenanthrene-d10		11.439	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Nonadecane		268	C19H40	000629-92-5	90
3	Hexadecane		226	C16H34	000544-76-3	87
4	Heneicosane		296	C21H44	000629-94-7	83
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
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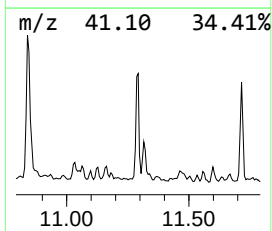
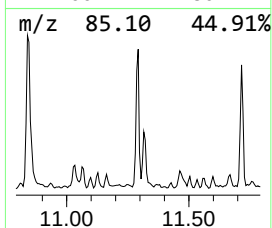
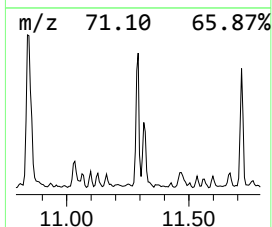
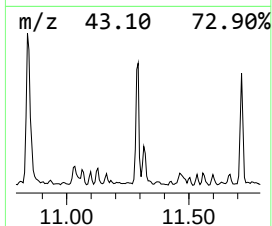
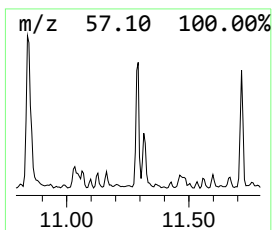
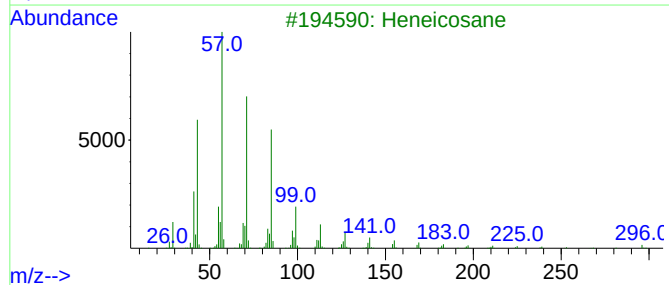
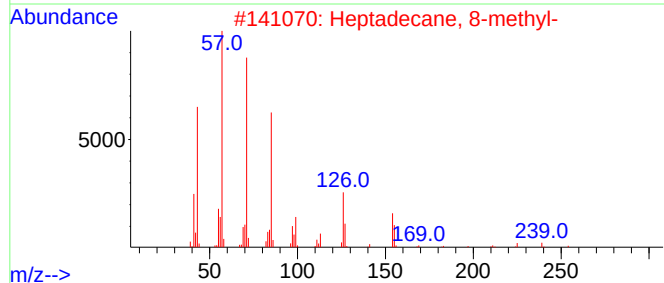
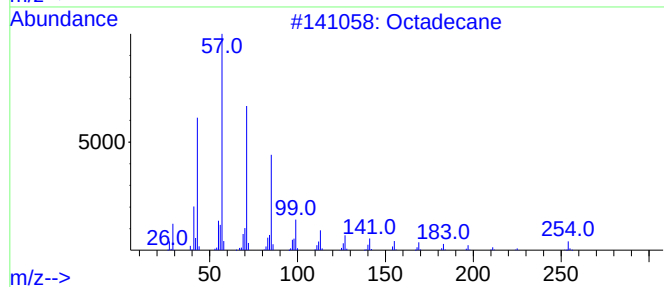
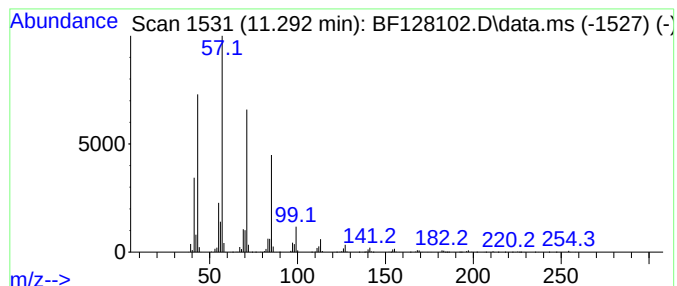
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.292	28.35 ng	1526470	Phenanthrene-d10		11.439	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	94
2	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	93
3	Heneicosane		296	C21H44	000629-94-7	90
4	Nonadecane		268	C19H40	000629-92-5	90
5	Heptadecane		240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
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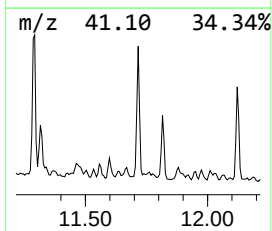
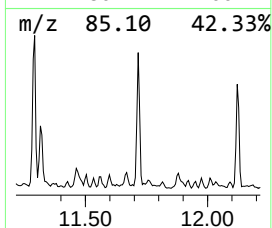
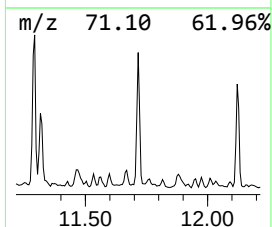
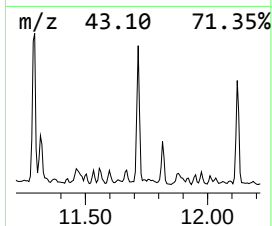
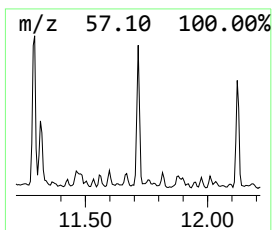
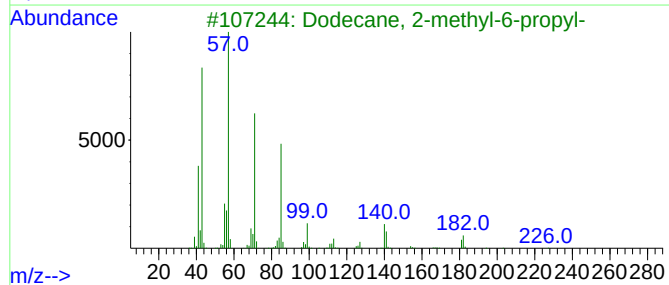
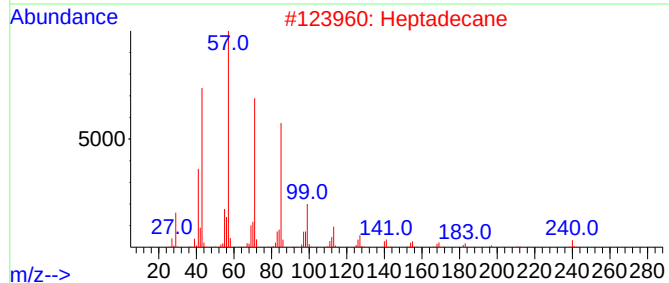
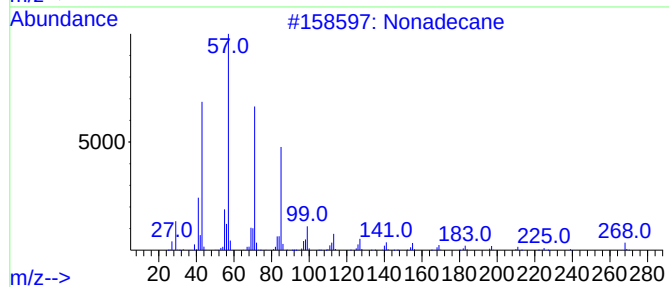
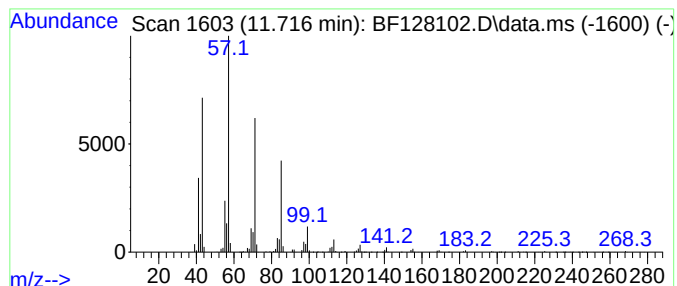
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	23.29 ng	1253890	Phenanthrene-d10	11.439

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	96
2		Heptadecane	240	C17H36	000629-78-7	95
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128102.D
Acq On : 05 May 2022 18:54
Operator : CG\JU
Sample : N2672-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

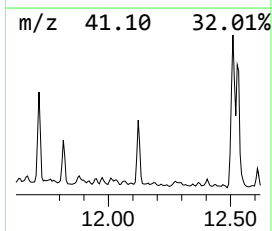
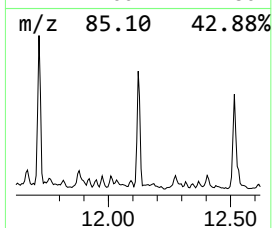
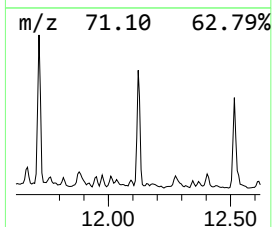
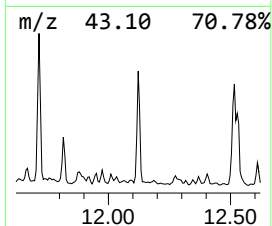
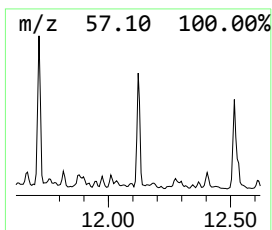
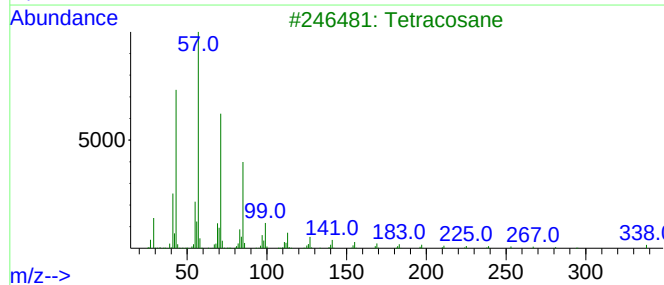
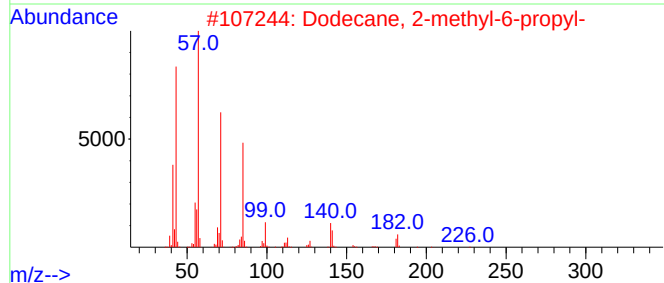
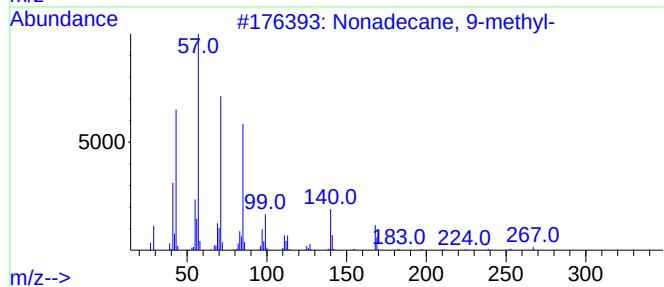
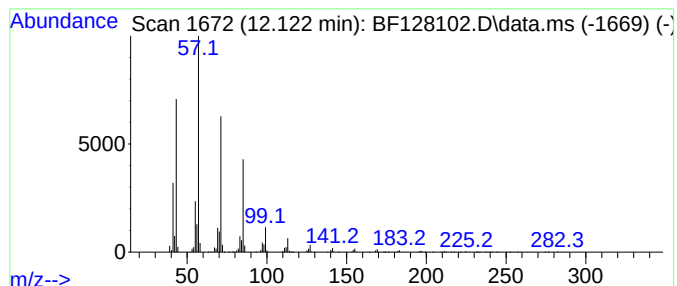
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.122	19.02 ng	1024380	Phenanthrene-d10	11.439	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128102.D
Acq On : 05 May 2022 18:54
Operator : CG\JU
Sample : N2672-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

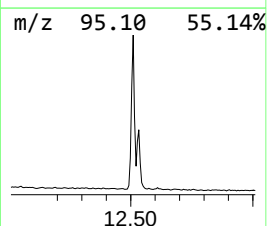
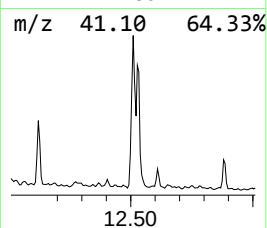
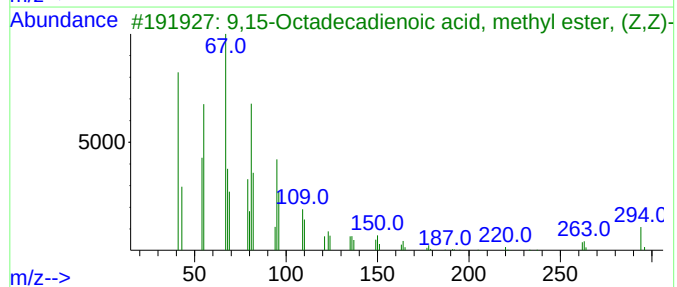
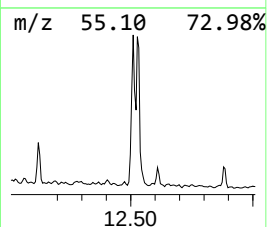
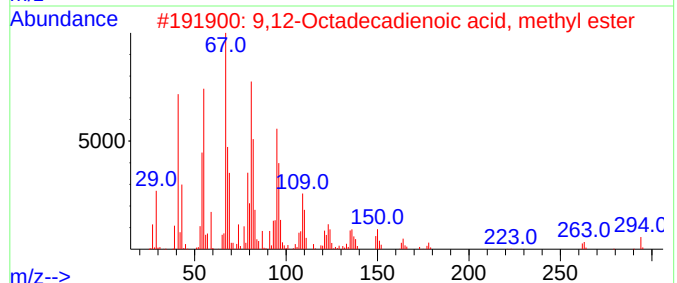
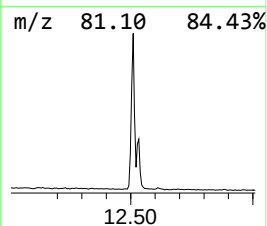
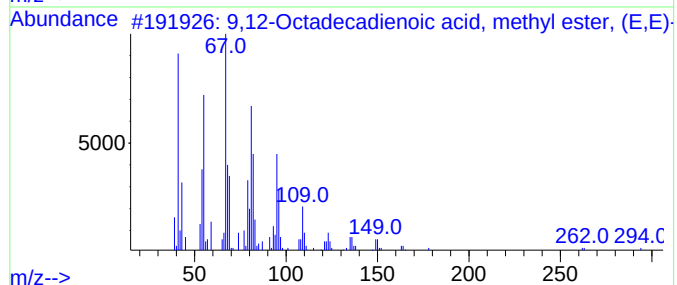
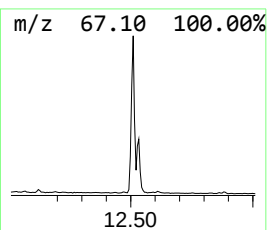
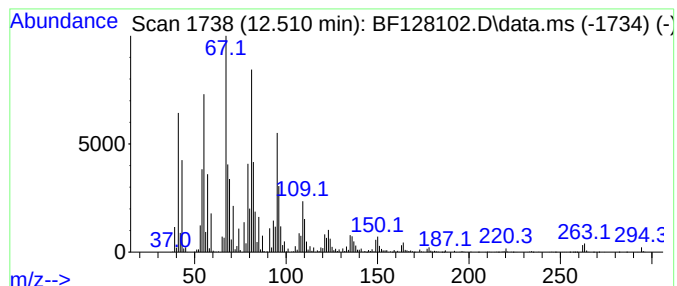
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.510	69.64 ng	3749830	Phenanthrene-d10	11.439	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
Data File : BF128102.D
Acq On : 05 May 2022 18:54
Operator : CG\JU
Sample : N2672-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
07

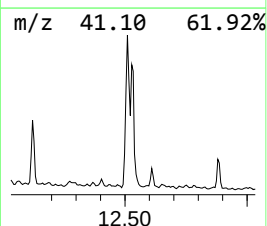
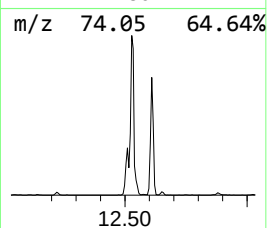
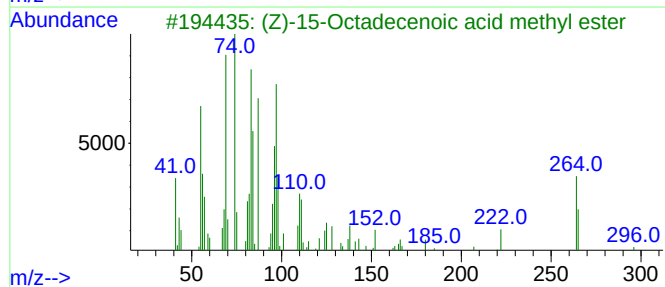
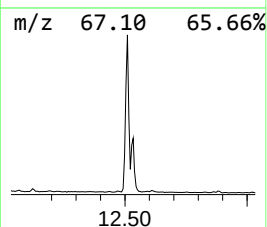
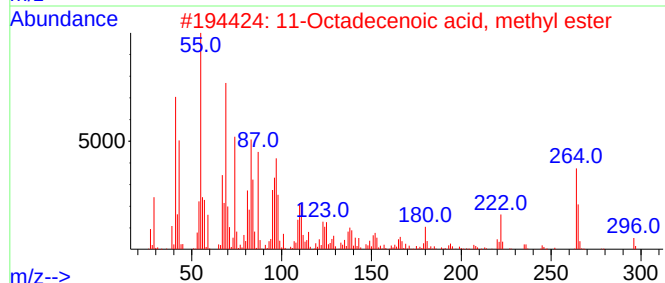
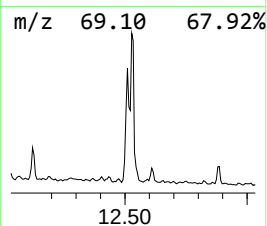
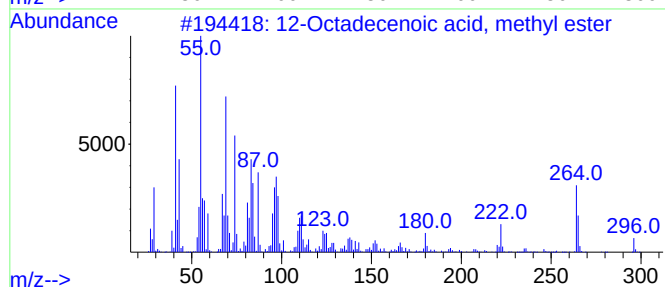
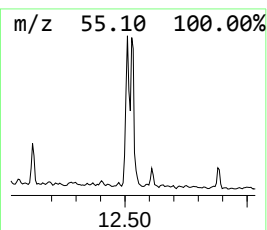
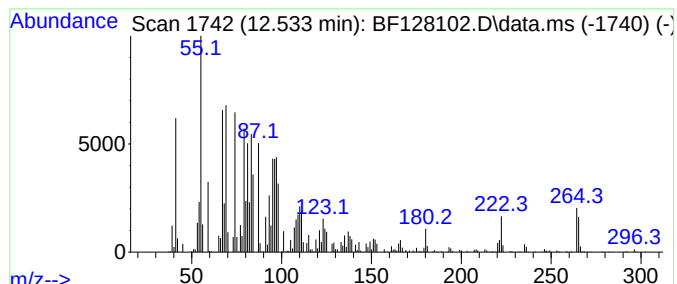
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 12-Octadecenoic acid, methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	44.61 ng	2402370	Phenanthrene-d10	11.439

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
2		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
3		(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	91
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
5		5-Octadecenoic acid, methyl ester	296	C19H36O2	056554-45-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128102.D
 Acq On : 05 May 2022 18:54
 Operator : CG\JU
 Sample : N2672-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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
Nonane	6.734	51.2	ng	2660250	1	6.904	1039490	20.0
Decane, 2,9-dim...	7.228	18.5	ng	963109	1	6.904	1039490	20.0
Benzene, 1,2,4,...	7.698	17.6	ng	679856	2	8.192	772946	20.0
Cyclohexane, pe...	7.798	20.9	ng	806131	2	8.192	772946	20.0
Undecane, 2-met...	7.928	25.4	ng	981175	2	8.192	772946	20.0
unknown8.475	8.475	30.0	ng	1157750	2	8.192	772946	20.0
Undecane, 6-ethyl-	8.598	26.7	ng	1032520	2	8.192	772946	20.0
Naphthalene, 1,...	8.692	21.1	ng	814958	2	8.192	772946	20.0
Tridecane	8.775	93.6	ng	3615730	2	8.192	772946	20.0
Naphthalene, 1,...	8.851	21.8	ng	842998	2	8.192	772946	20.0
Tetradecane	9.339	57.3	ng	3152110	3	9.951	1100300	20.0
Hexadecane	9.869	47.0	ng	2587950	3	9.951	1100300	20.0
Nonadecane	10.369	42.5	ng	2338750	3	9.951	1100300	20.0
Tridecane, 5-pr...	10.586	19.6	ng	1079390	3	9.951	1100300	20.0
Heptadecane	10.839	49.3	ng	2656860	4	11.439	1076940	20.0
Octadecane	11.292	28.4	ng	1526470	4	11.439	1076940	20.0
Dodecane, 2-met...	11.716	23.3	ng	1253890	4	11.439	1076940	20.0
Nonadecane, 9-m...	12.122	19.0	ng	1024380	4	11.439	1076940	20.0
9,12-Octadecadi...	12.510	69.6	ng	3749830	4	11.439	1076940	20.0
12-Octadecenoic...	12.533	44.6	ng	2402370	4	11.439	1076940	20.0