

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124399.D
 Acq On : 21 Jun 2021 18:20
 Operator : JU/CG
 Sample : M2777-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 X-2

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-BF060321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	562	565	571	rVB	782990	713844	8.03%	0.415%
2	6.028	667	670	677	rVB2	467619	509120	5.73%	0.296%
3	6.434	735	739	741	rBV	917070	802107	9.03%	0.466%
4	6.622	767	771	774	rBV2	1002731	1065155	11.99%	0.619%
5	6.804	800	802	806	rVB2	664172	692812	7.80%	0.403%
6	7.063	843	846	849	rVB2	821215	830531	9.35%	0.483%
7	7.110	849	854	855	rBV2	462365	648076	7.29%	0.377%
8	7.181	862	866	869	rBV2	1105203	1003454	11.29%	0.583%
9	7.328	885	891	893	rBV	800284	914067	10.29%	0.531%
10	7.357	893	896	899	rBV2	531845	569640	6.41%	0.331%
11	7.392	899	902	905	rVB	2068171	1894779	21.32%	1.102%
12	7.445	905	911	913	rVB3	1056949	1413473	15.91%	0.822%
13	7.504	918	921	925	rVB4	636201	623948	7.02%	0.363%
14	7.598	934	937	940	rVB2	1100940	1212633	13.65%	0.705%
15	7.716	952	957	958	rBV5	542145	746438	8.40%	0.434%
16	7.757	961	964	967	rVB3	890273	1027777	11.57%	0.598%
17	7.792	967	970	972	rBV2	915190	931282	10.48%	0.542%
18	7.875	981	984	985	rBV2	569047	533920	6.01%	0.310%
19	7.892	985	987	989	rVV2	618037	599470	6.75%	0.349%
20	7.916	989	991	993	rVB	863957	643156	7.24%	0.374%
21	7.945	993	996	1000	rBV2	690869	732842	8.25%	0.426%
22	7.981	1000	1002	1004	rVB	856807	623484	7.02%	0.363%
23	8.034	1005	1011	1013	rBV4	919308	1326071	14.92%	0.771%
24	8.069	1013	1017	1020	rVV2	4145593	4785090	53.85%	2.782%
25	8.110	1020	1024	1025	rVV2	596088	862658	9.71%	0.502%
26	8.128	1025	1027	1028	rVV	804958	695391	7.83%	0.404%
27	8.145	1028	1030	1032	rVB	1755076	1246967	14.03%	0.725%
28	8.169	1032	1034	1037	rBV3	817070	789849	8.89%	0.459%
29	8.251	1041	1048	1051	rBV3	983590	1663085	18.72%	0.967%
30	8.281	1051	1053	1056	rVB2	1329347	1292672	14.55%	0.752%
31	8.322	1056	1060	1064	rBV4	829273	1079457	12.15%	0.628%
32	8.375	1064	1069	1072	rBV4	1367947	2120608	23.87%	1.233%
33	8.428	1076	1078	1081	rVB3	1142233	994557	11.19%	0.578%
34	8.463	1081	1084	1087	rBV2	1696990	1533050	17.25%	0.891%
35	8.510	1087	1092	1094	rBV	2255202	2234122	25.14%	1.299%
36	8.545	1097	1098	1101	rVB2	742407	608197	6.84%	0.354%

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37	8.592	1101	1106	1108	rBV2	2161647	2394784	26.95%	1.392%
38	8.628	1108	1112	1113	rVV4	526137	605864	6.82%	0.352%
39	8.686	1117	1122	1125	rBV	4743584	5972724	67.22%	3.473%
40	8.716	1125	1127	1129	rVV2	688308	883084	9.94%	0.513%
41	8.739	1129	1131	1134	rVV4	1393931	1809902	20.37%	1.052%
42	8.775	1134	1137	1140	rVB3	1139345	1092973	12.30%	0.636%
43	8.839	1144	1148	1150	rBV4	547019	758838	8.54%	0.441%
44	8.916	1155	1161	1163	rBV2	3072977	2740567	30.84%	1.594%
45	8.963	1167	1169	1171	rVV2	731161	656789	7.39%	0.382%
46	9.045	1181	1183	1187	rVB2	1560055	1631162	18.36%	0.948%
47	9.086	1187	1190	1191	rBV	1081333	899623	10.12%	0.523%
48	9.116	1191	1195	1200	rVB4	2122091	2826400	31.81%	1.643%
49	9.157	1200	1202	1205	rBV2	903642	770846	8.68%	0.448%
50	9.198	1207	1209	1212	rVB2	828678	620477	6.98%	0.361%
51	9.263	1212	1220	1222	rBV	5933572	7798797	87.77%	4.535%
52	9.316	1222	1229	1232	rBV2	1938355	3046177	34.28%	1.771%
53	9.422	1242	1247	1248	rBV4	1049837	1166642	13.13%	0.678%
54	9.481	1254	1257	1259	rBV3	966466	1229813	13.84%	0.715%
55	9.504	1259	1261	1263	rVV2	1622929	1628818	18.33%	0.947%
56	9.528	1263	1265	1267	rVV2	1870394	1493931	16.81%	0.869%
57	9.569	1267	1272	1274	rVV3	3249041	4214888	47.44%	2.451%
58	9.592	1274	1276	1279	rVV2	2637307	2345567	26.40%	1.364%
59	9.628	1279	1282	1285	rVB2	2697871	2322399	26.14%	1.350%
60	9.757	1300	1304	1305	rBV3	506819	747211	8.41%	0.434%
61	9.792	1305	1310	1312	rVV	6403832	7186341	80.88%	4.179%
62	9.822	1312	1315	1318	rVV4	1160485	1577613	17.75%	0.917%
63	9.951	1334	1337	1342	rBV	1210983	1169144	13.16%	0.680%
64	10.010	1343	1347	1350	rVV2	1215694	2174157	24.47%	1.264%
65	10.039	1350	1352	1355	rVV2	1530543	1941230	21.85%	1.129%
66	10.104	1359	1363	1366	rVV4	2095597	3026349	34.06%	1.760%
67	10.133	1366	1368	1370	rVV	1045341	885253	9.96%	0.515%
68	10.163	1370	1373	1377	rVV5	987273	1636216	18.41%	0.951%
69	10.216	1380	1382	1386	rVB3	892051	1007354	11.34%	0.586%
70	10.292	1386	1395	1397	rBV	6321823	8652697	97.38%	5.031%
71	10.316	1397	1399	1400	rVV	687524	592101	6.66%	0.344%
72	10.333	1400	1402	1407	rVB5	780597	1045299	11.76%	0.608%
73	10.410	1413	1415	1418	rVV3	670159	921331	10.37%	0.536%
74	10.457	1421	1423	1425	rVV2	641834	655346	7.38%	0.381%
75	10.504	1425	1431	1435	rVV	2899538	4359912	49.07%	2.535%
76	10.545	1435	1438	1442	rVB3	915543	1047786	11.79%	0.609%

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77	10.580	1442	1444	1447	rBV2	1114103	1043633	11.75%	0.607%
78	10.616	1447	1450	1452	rVV	1458369	1059305	11.92%	0.616%
79	10.763	1470	1475	1482	rBV	5501095	8885581	100.00%	5.167%
80	10.939	1502	1505	1507	rBV2	803766	922961	10.39%	0.537%
81	10.975	1509	1511	1514	rVB2	1633368	1290415	14.52%	0.750%
82	11.010	1514	1517	1519	rBV4	692855	697792	7.85%	0.406%
83	11.210	1545	1551	1553	rBV	5083775	5778620	65.03%	3.360%
84	11.233	1553	1555	1560	rVB	2974102	2933774	33.02%	1.706%
85	11.333	1569	1572	1574	rBV2	569751	494922	5.57%	0.288%
86	11.375	1576	1579	1583	rVB	554435	882492	9.93%	0.513%
87	11.439	1588	1590	1593	rVV3	532322	590651	6.65%	0.343%
88	11.469	1593	1595	1598	rVB	641977	517307	5.82%	0.301%
89	11.504	1598	1601	1604	rBV	974414	778779	8.76%	0.453%
90	11.575	1610	1613	1618	rVB3	687469	724452	8.15%	0.421%
91	11.633	1618	1623	1625	rBV	4540371	4624774	52.05%	2.689%
92	11.780	1645	1648	1654	rBV2	562398	922966	10.39%	0.537%
93	11.916	1668	1671	1674	rBV3	496439	555550	6.25%	0.323%
94	12.033	1687	1691	1694	rBV	3961390	3866668	43.52%	2.248%
95	12.304	1735	1737	1740	rVB	622270	509341	5.73%	0.296%
96	12.416	1752	1756	1759	rVV	2983299	2844657	32.01%	1.654%
97	12.786	1815	1819	1821	rBV	1976399	1771260	19.93%	1.030%
98	12.910	1836	1840	1846	rVB	1072370	1132404	12.74%	0.658%
99	13.133	1875	1878	1881	rBV	1123234	1041129	11.72%	0.605%
100	13.474	1933	1936	1939	rBV	759642	609541	6.86%	0.354%

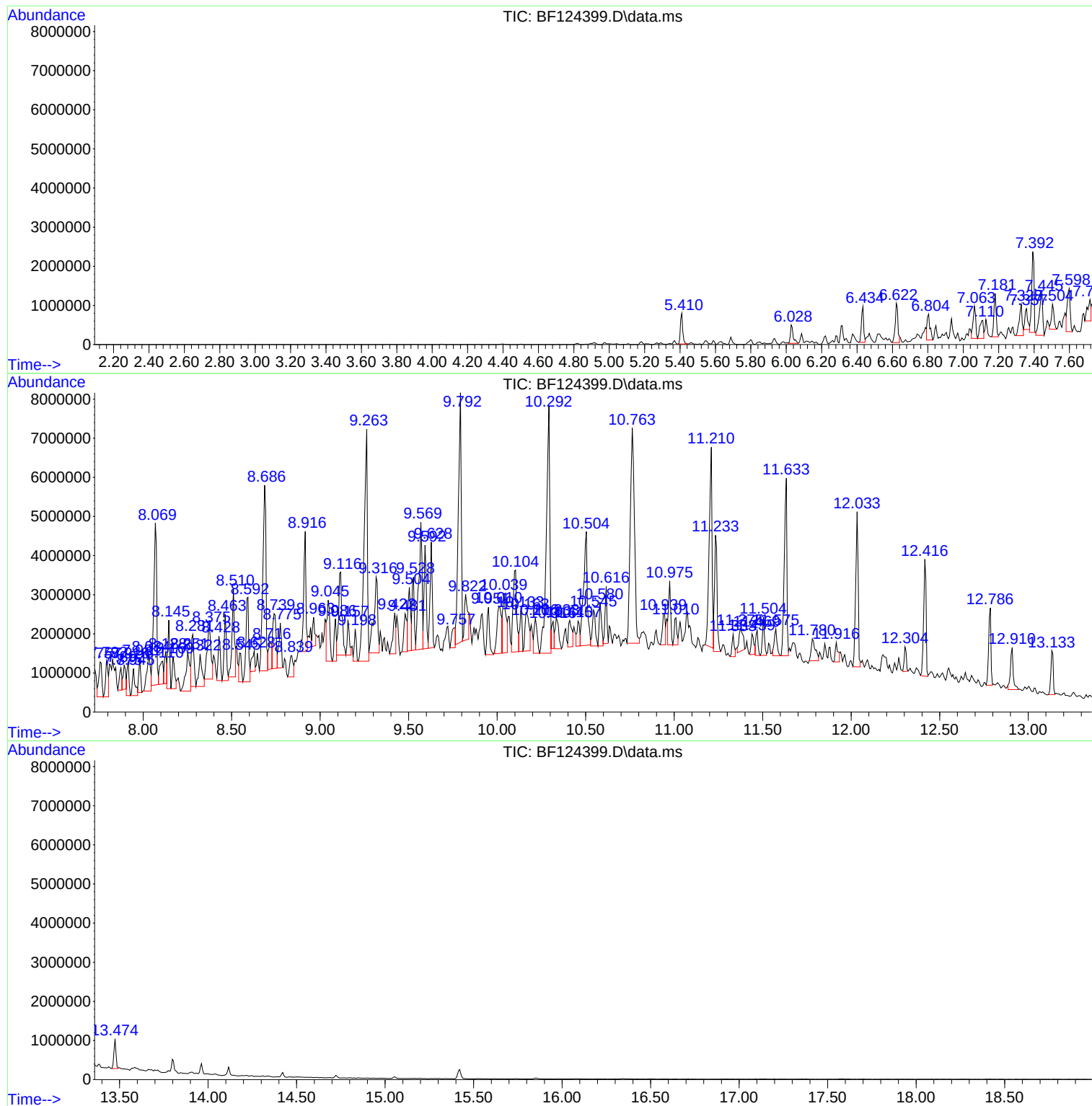
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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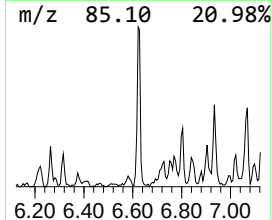
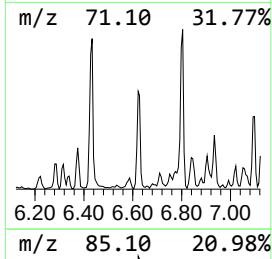
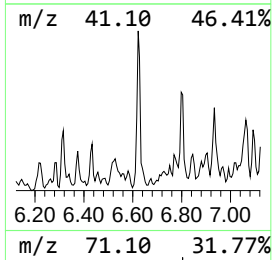
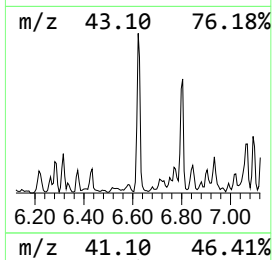
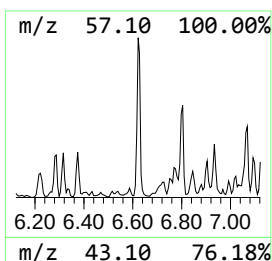
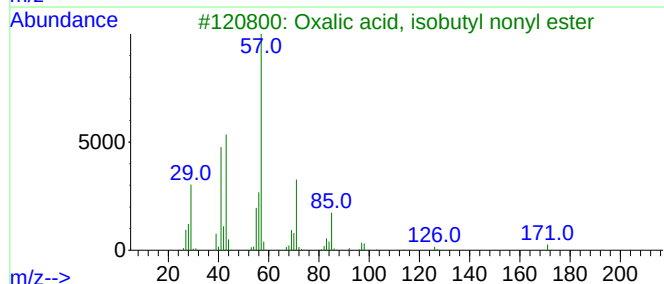
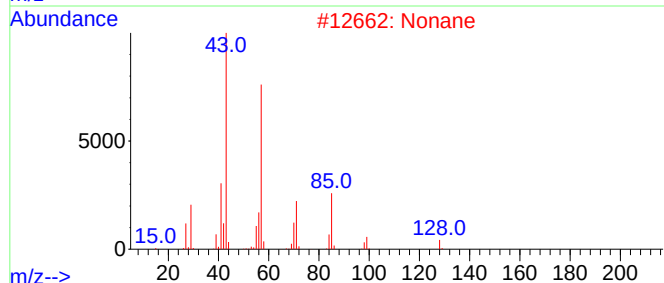
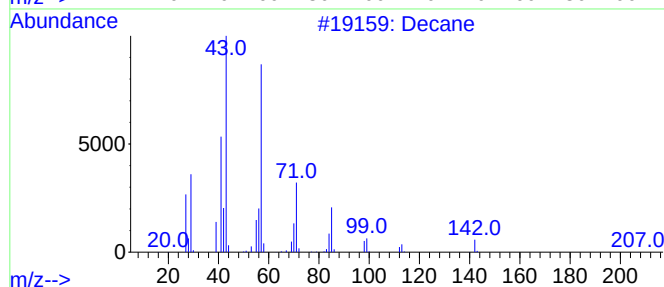
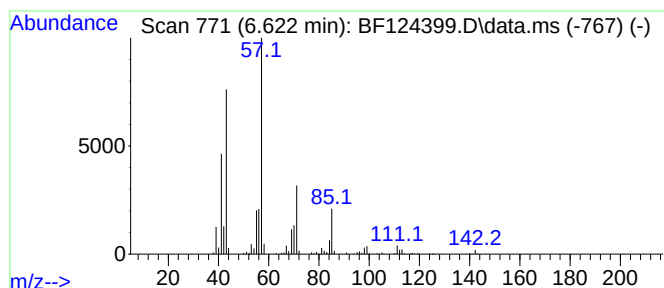
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	30.75 ng	1065160	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	72
2			Nonane	128	C9H20	000111-84-2	72
3			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	64
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53



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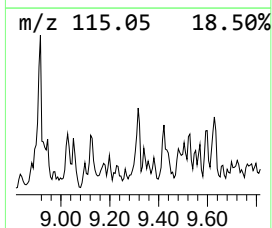
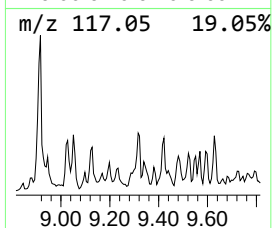
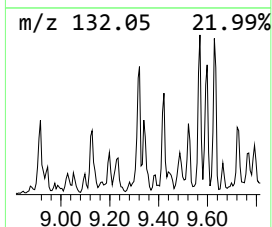
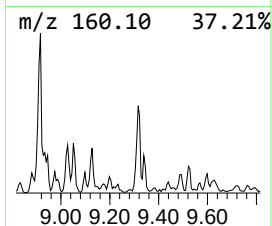
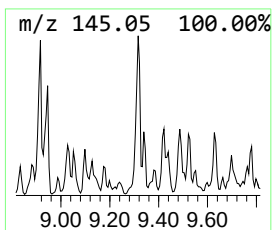
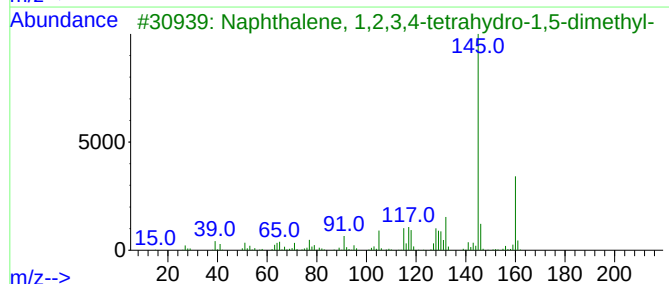
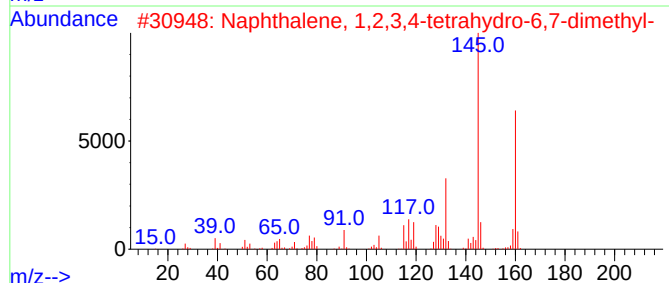
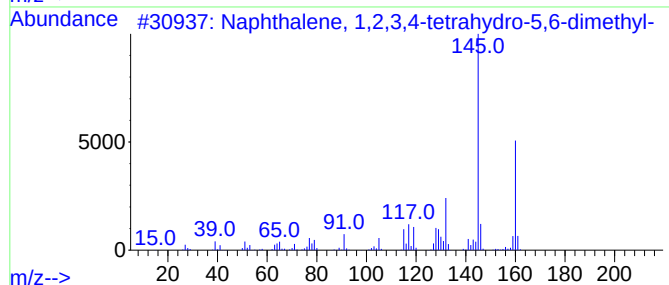
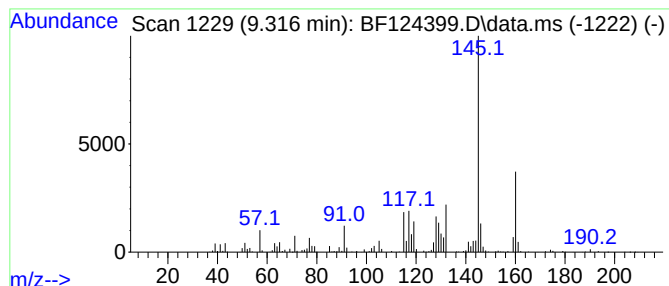
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.316	38.62 ng	3046180	Acenaphthene-d10	9.845	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90



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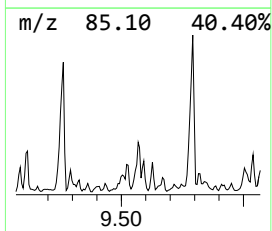
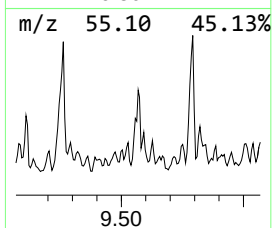
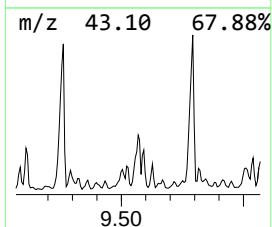
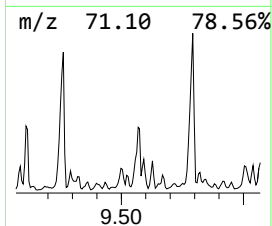
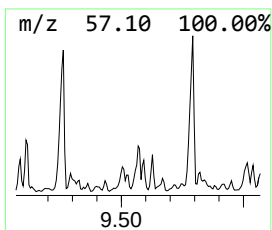
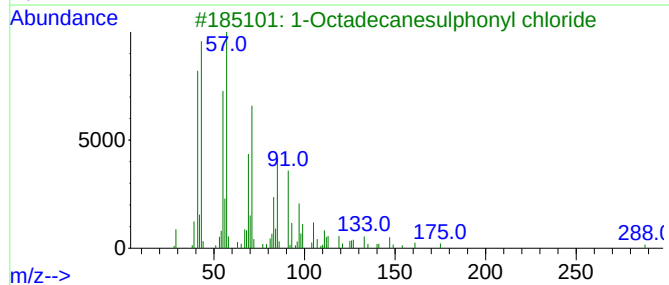
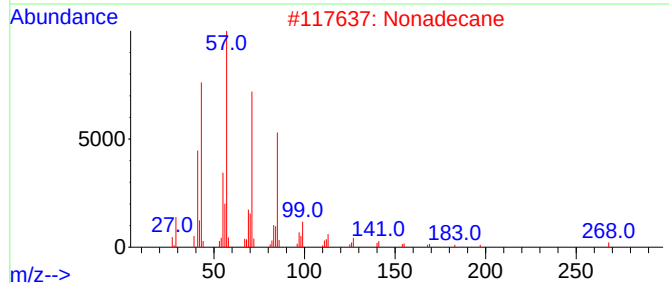
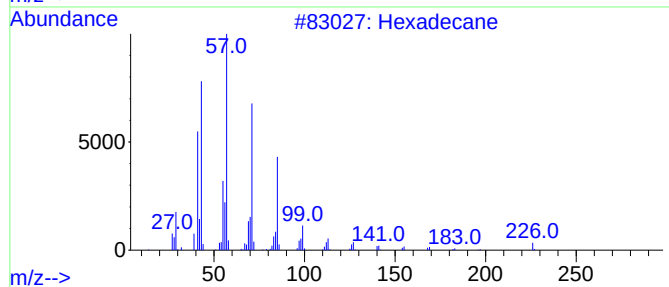
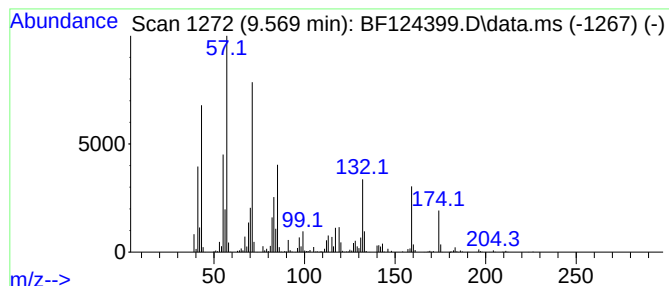
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	53.43 ng	4214890	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	53
2			Nonadecane	268	C19H40	000629-92-5	53
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	52
4			Tetradecane	198	C14H30	000629-59-4	49
5			Decane, 5-propyl-	184	C13H28	017312-62-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124399.D
Acq On : 21 Jun 2021 18:20
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Sample : M2777-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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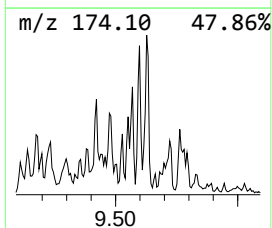
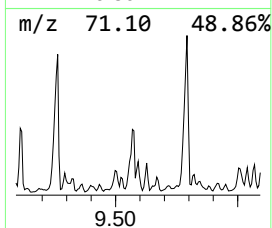
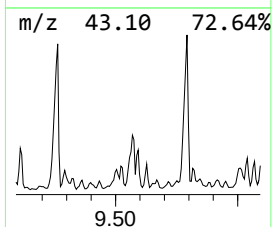
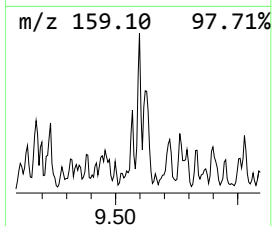
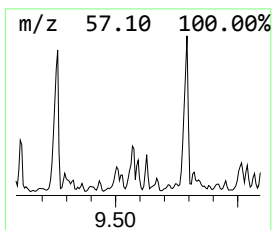
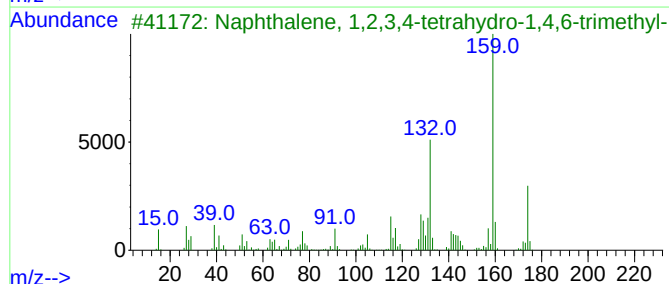
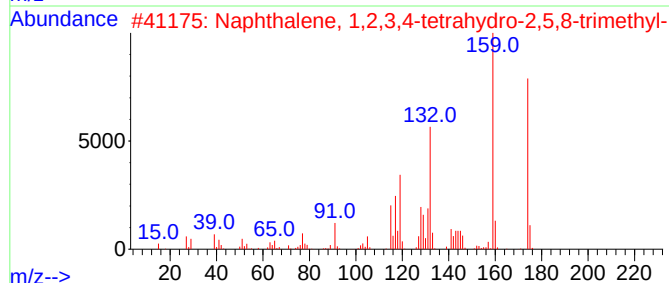
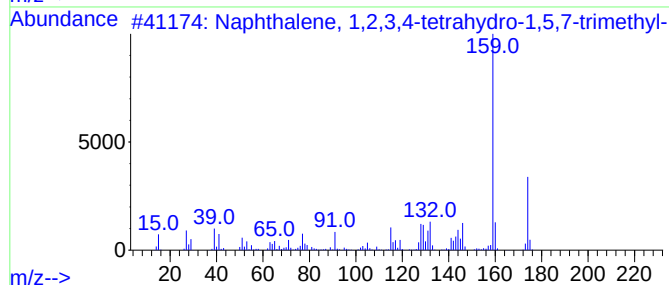
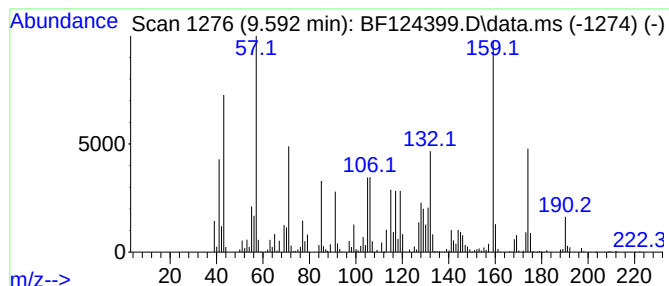
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	29.74 ng	2345570	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	91
2			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	76
4			Benzene, 1-(1-formylethyl)-4-(1-...	188	C13H16O	1000161-46-6	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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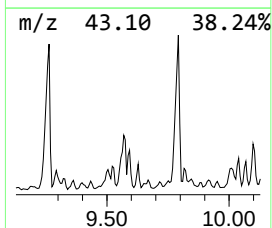
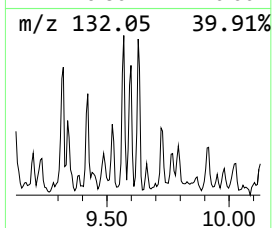
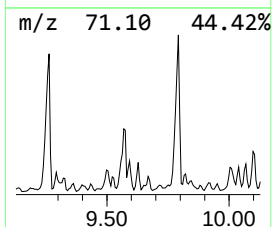
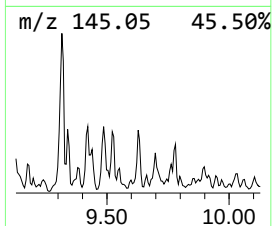
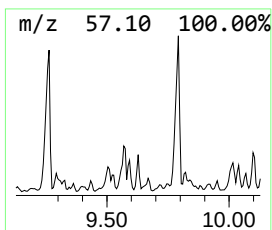
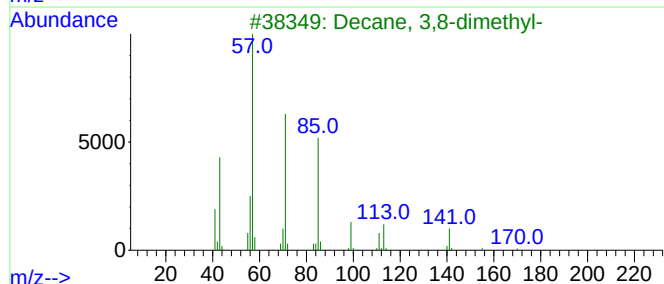
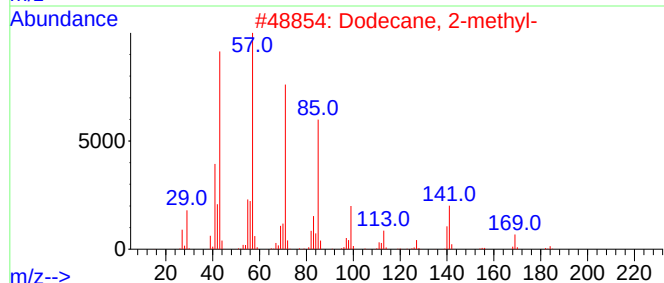
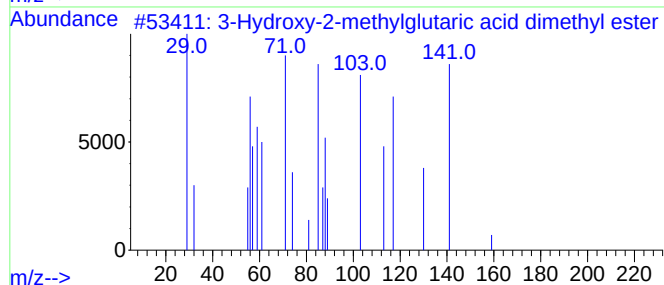
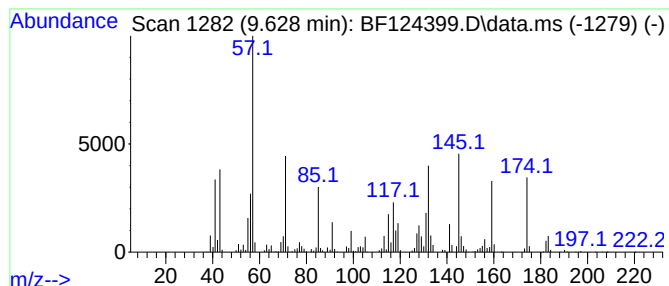
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.628 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	29.44 ng	2322400	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hydroxy-2-methylglutaric acid ...	190	C8H14O5	085547-41-7	27
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	18
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	14
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	14
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124399.D
Acq On : 21 Jun 2021 18:20
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Sample : M2777-02
Misc :
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BNA_F
ClientSampled :
X-2

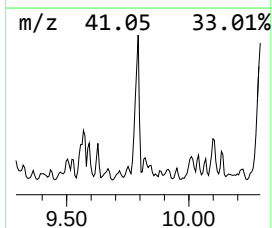
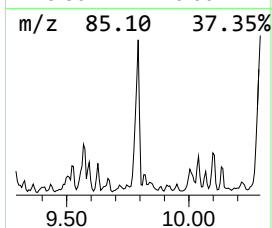
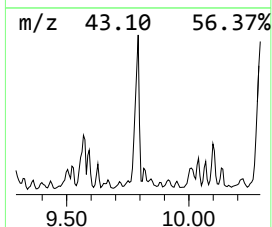
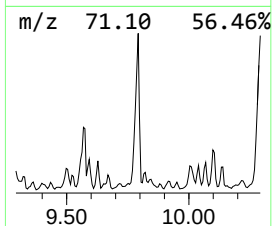
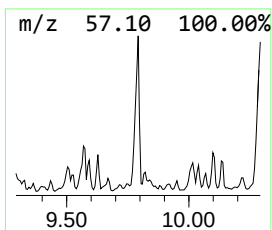
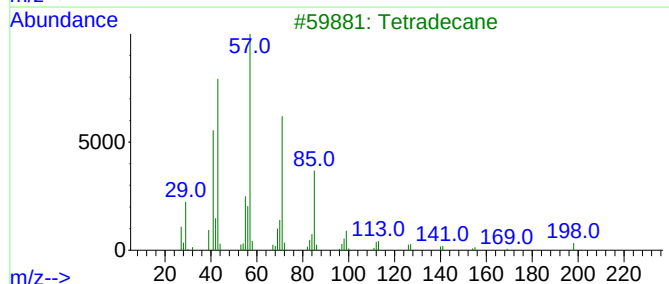
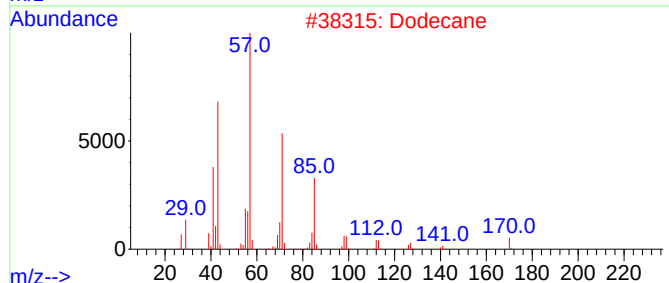
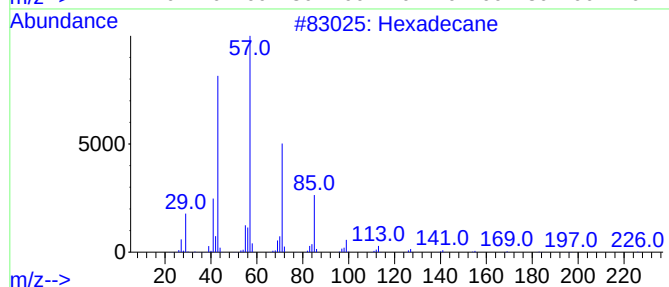
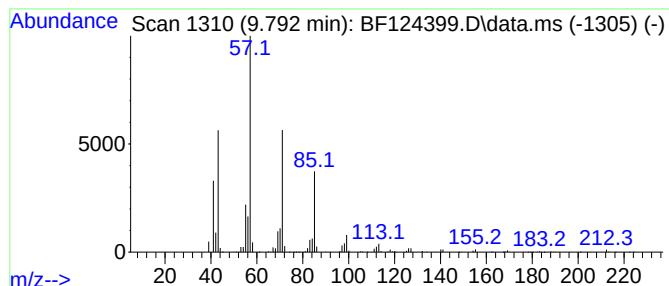
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	91.10 ng	7186340	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Dodecane	170	C12H26	000112-40-3	90
3			Tetradecane	198	C14H30	000629-59-4	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	53



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ALS Vial : 14 Sample Multiplier: 1

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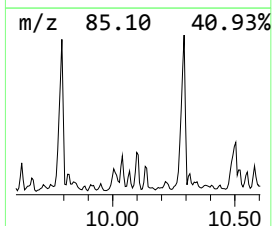
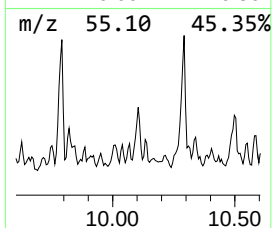
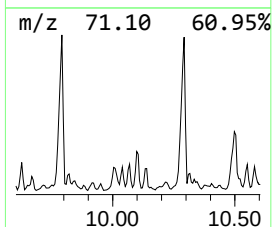
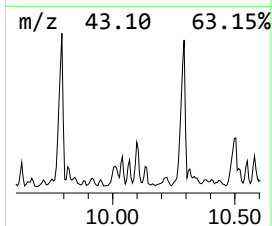
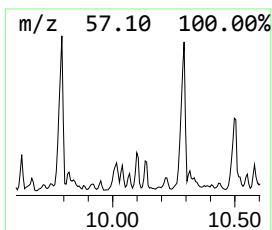
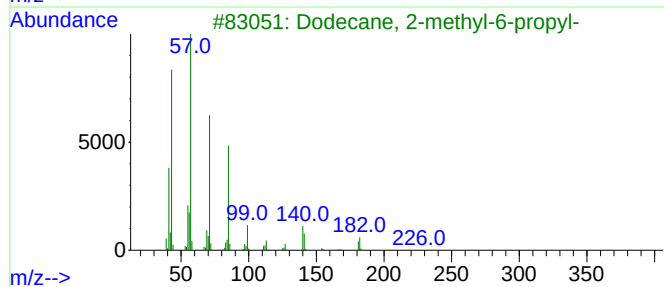
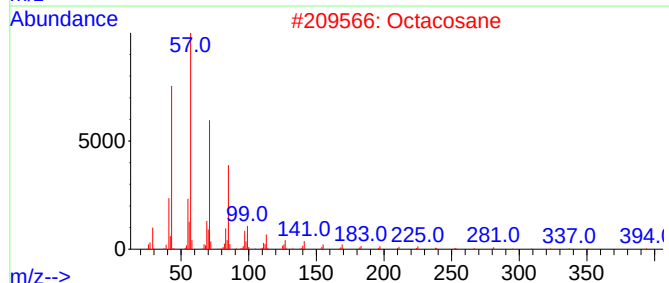
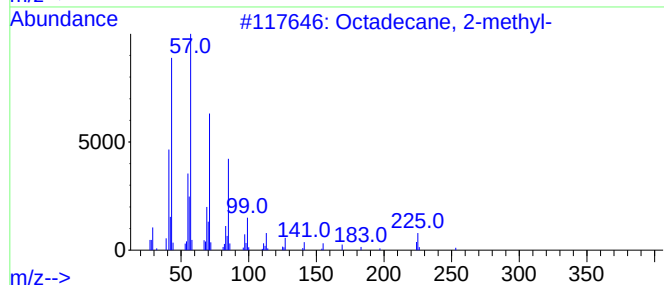
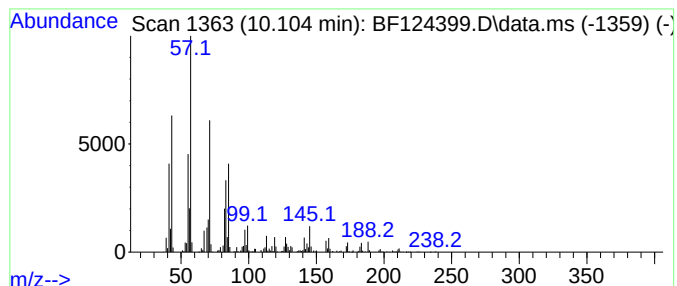
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.104	38.37 ng	3026350	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
2			Octacosane	394	C28H58	000630-02-4	62
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	60
4			Tetracosane	338	C24H50	000646-31-1	58
5			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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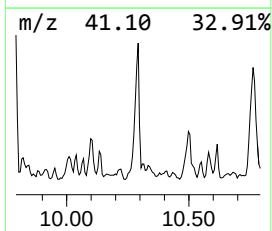
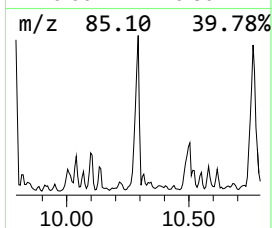
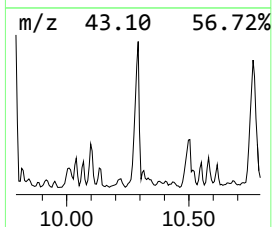
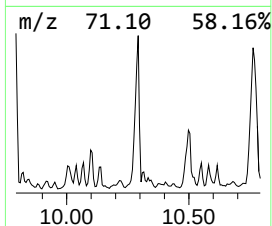
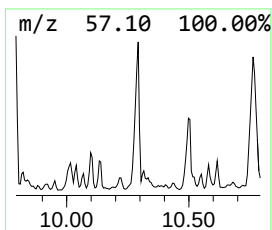
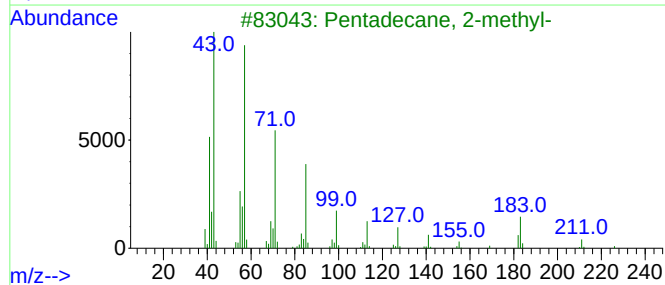
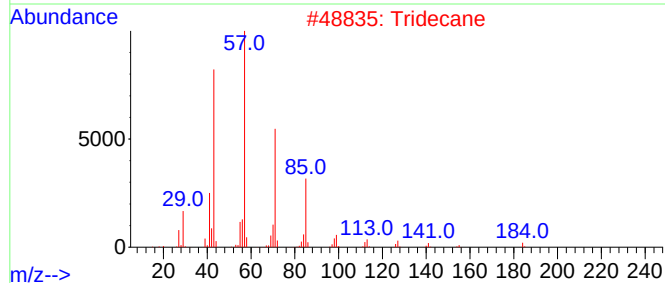
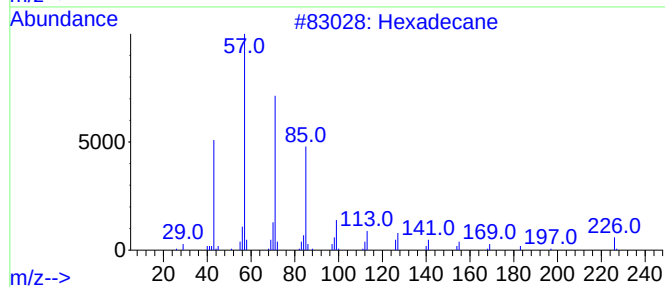
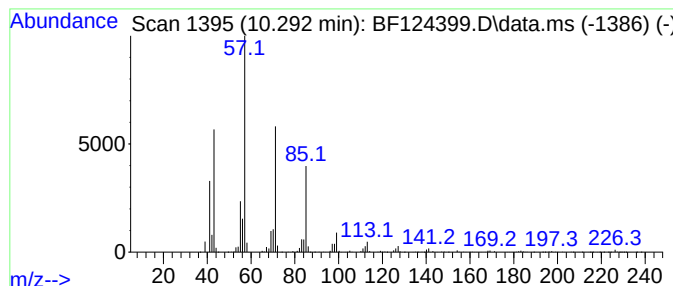
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.292	109.69 ng	8652700	Acenaphthene-d10	9.845	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane	184	C13H28	000629-50-5	86
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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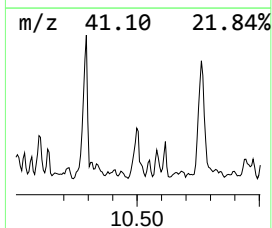
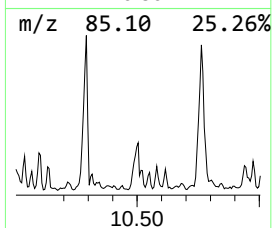
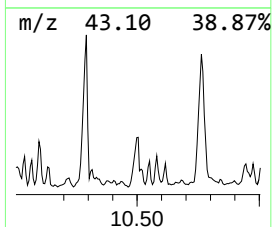
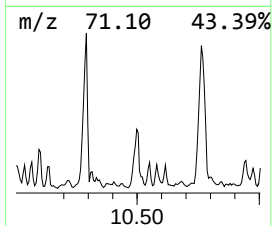
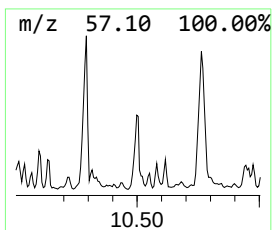
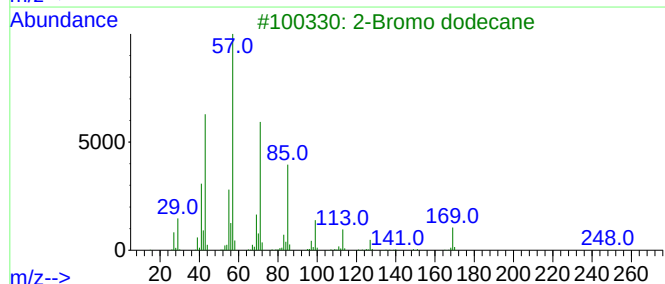
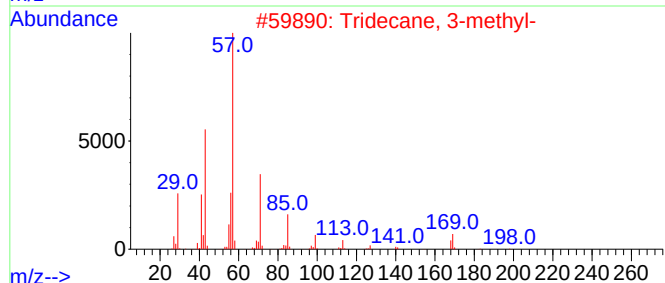
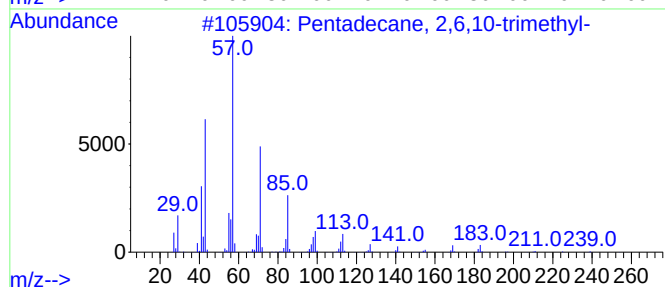
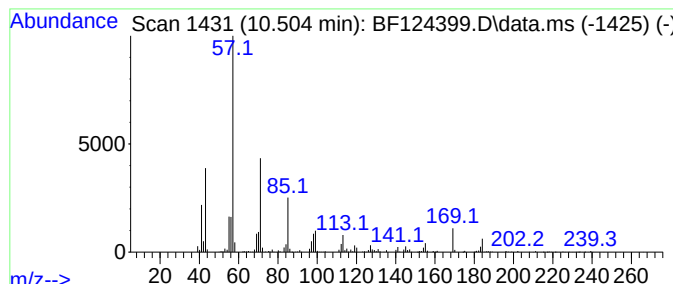
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	55.27 ng	4359910	Acenaphthene-d10	9.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	83
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4			Heptacosane	380	C27H56	000593-49-7	72
5			Tridecane	184	C13H28	000629-50-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Sample : M2777-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampled :
X-2

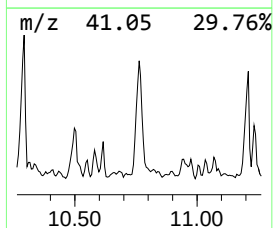
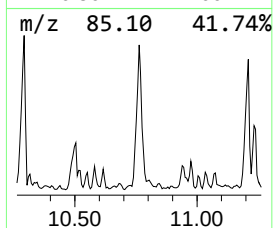
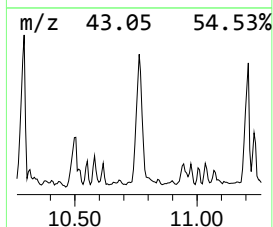
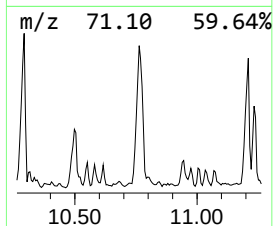
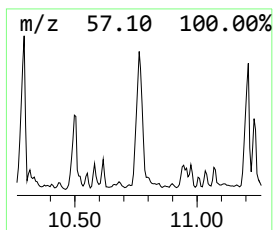
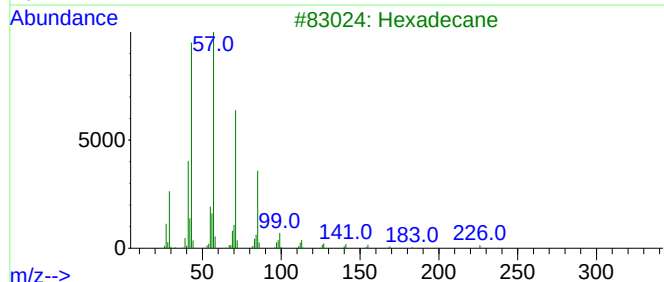
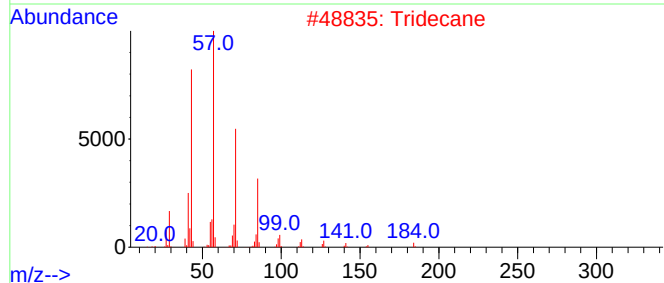
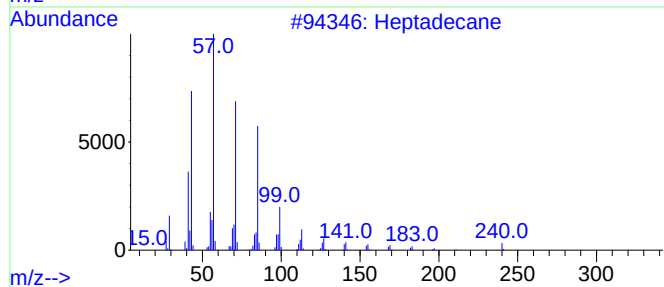
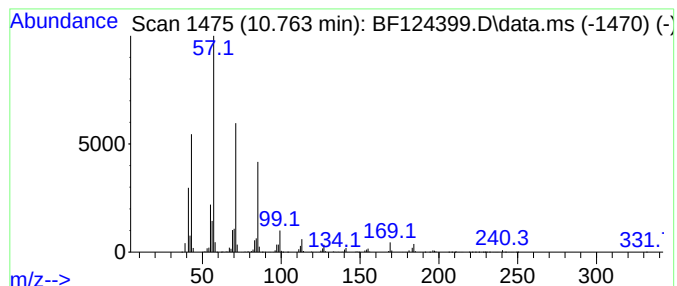
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	359.07 ng	8885580	Phenanthrene-d10	11.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Tridecane	184	C13H28	000629-50-5	93
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124399.D
Acq On : 21 Jun 2021 18:20
Operator : JU/CG
Sample : M2777-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

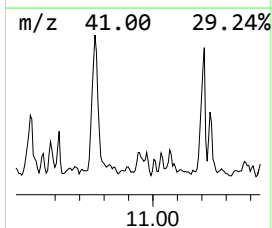
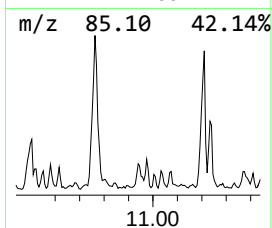
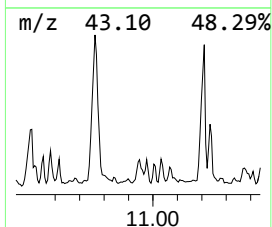
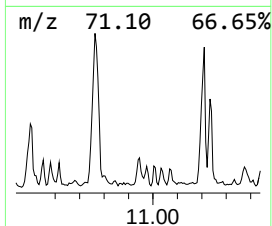
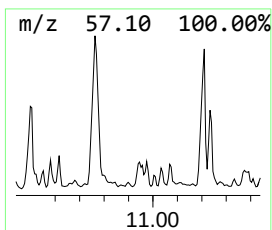
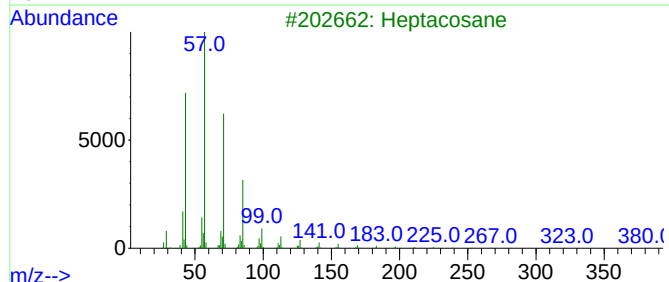
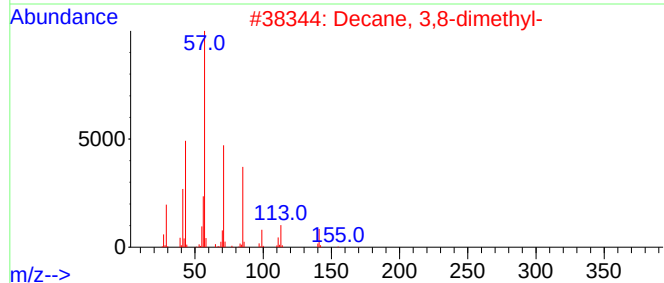
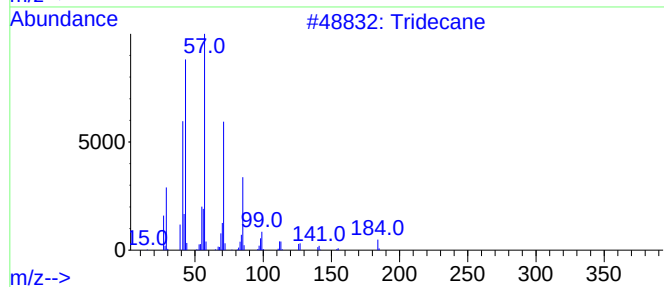
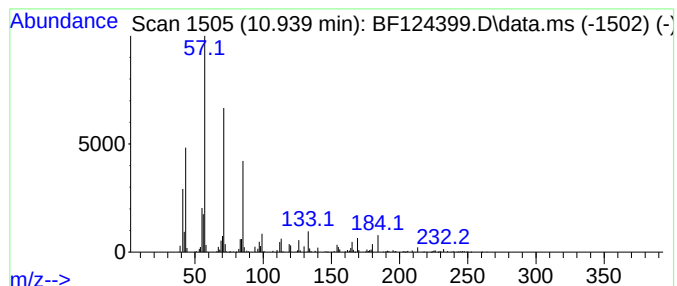
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Decane, 3,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.939	37.30 ng	922961	Phenanthrene-d10		11.333	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	64
2	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	59
3	Heptacosane		380	C27H56	000593-49-7	59
4	Hexadecane		226	C16H34	000544-76-3	59
5	Undecane		156	C11H24	001120-21-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Sample : M2777-02
Misc :
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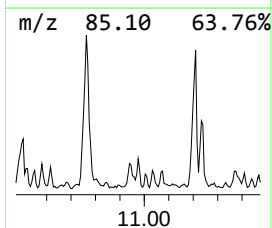
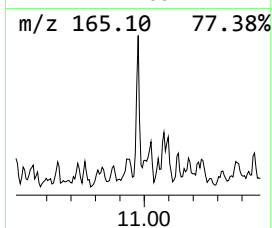
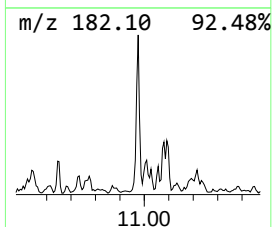
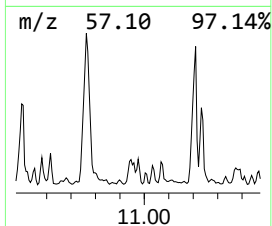
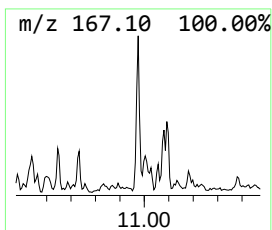
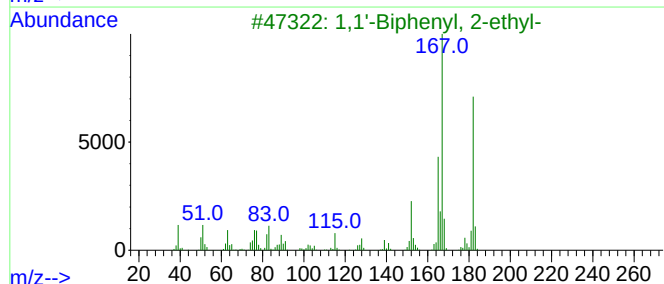
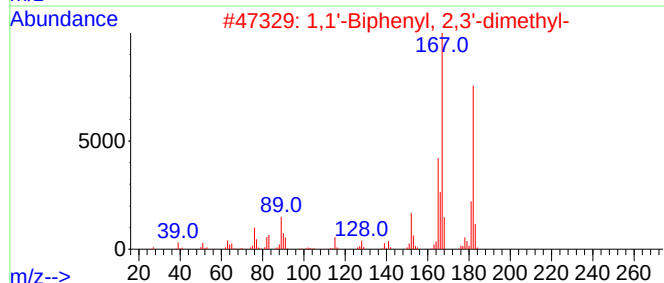
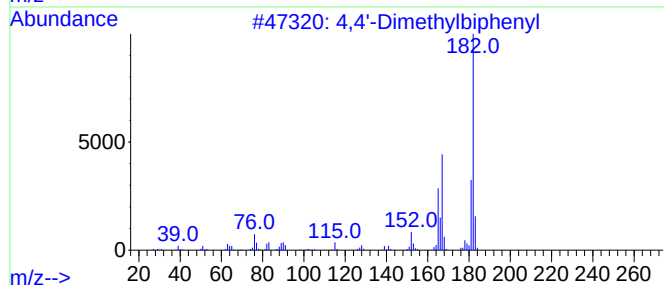
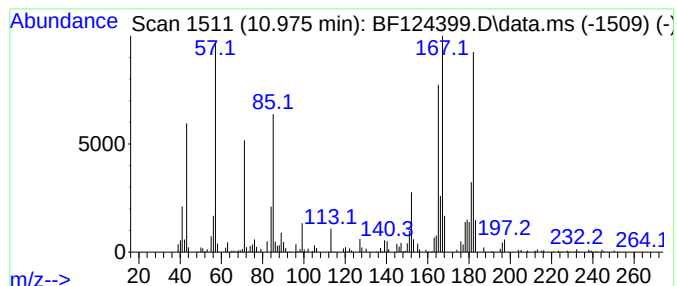
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 4,4'-Dimethylbiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.975	52.15 ng	1290420	Phenanthrene-d10	11.333	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	60
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	60
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124399.D
Acq On : 21 Jun 2021 18:20
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Sample : M2777-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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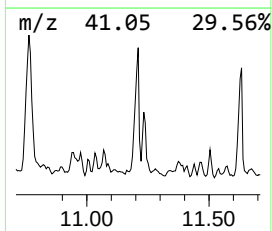
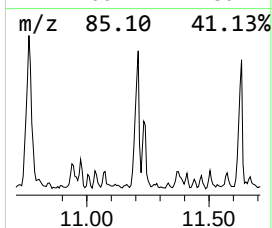
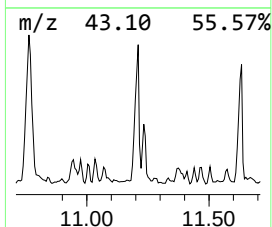
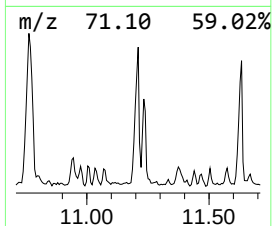
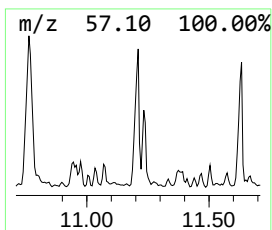
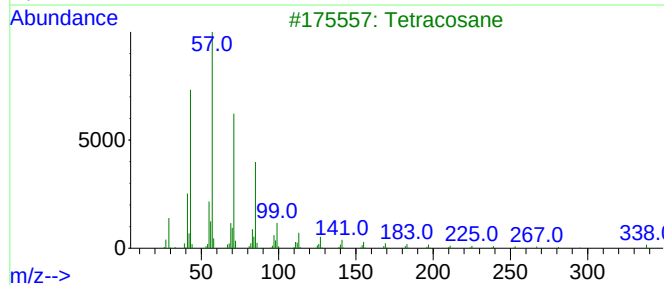
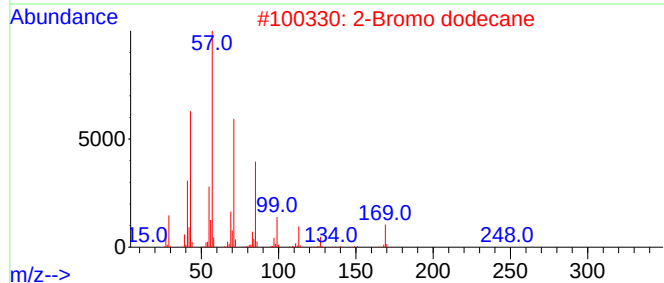
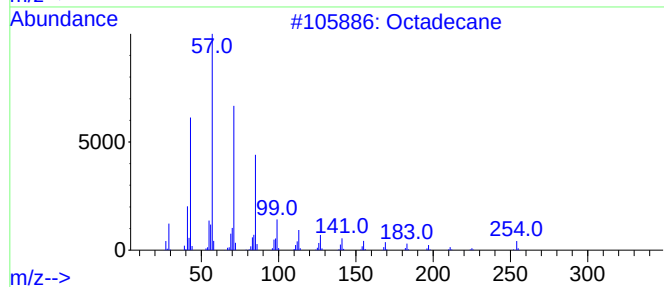
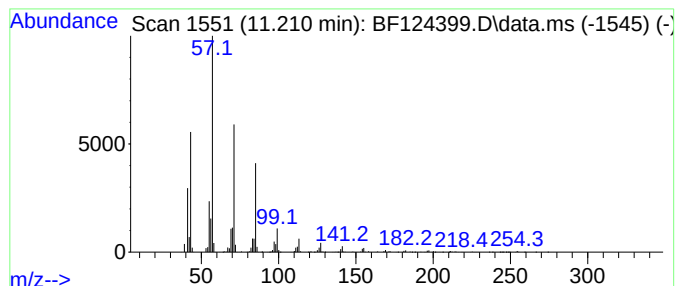
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	233.52 ng	5778620	Phenanthrene-d10	11.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	93
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Pentadecane	212	C15H32	000629-62-9	91
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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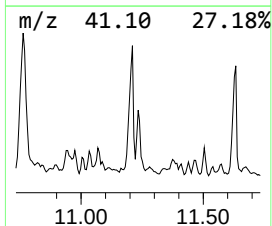
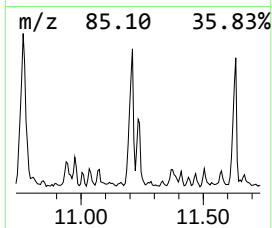
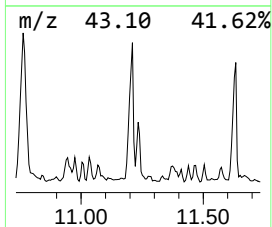
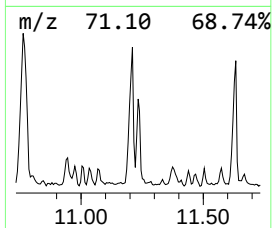
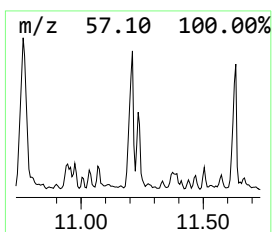
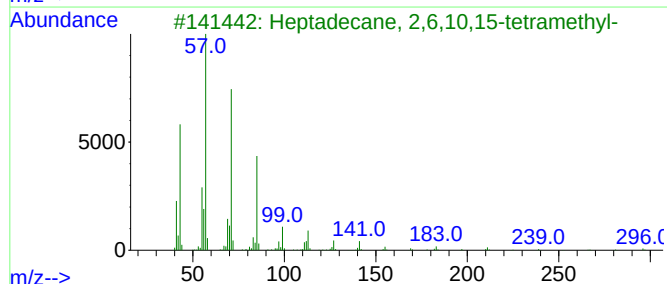
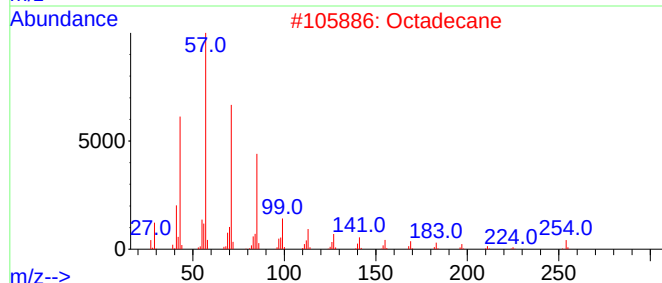
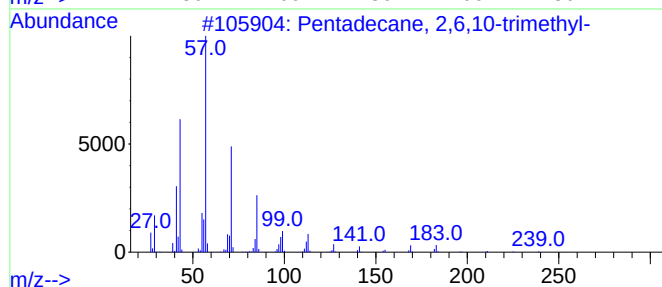
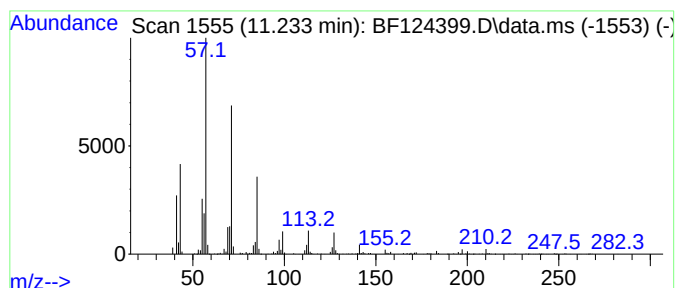
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.233	118.56 ng	2933770	Phenanthrene-d10	11.333	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Octadecane	254	C18H38	000593-45-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
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Acq On : 21 Jun 2021 18:20
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Misc :
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Instrument :
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ClientSampleId :
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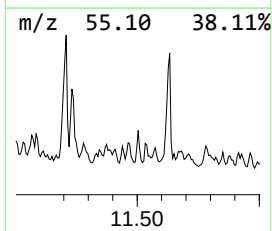
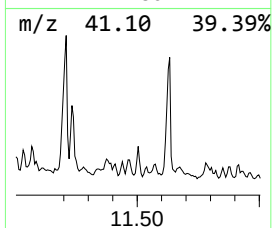
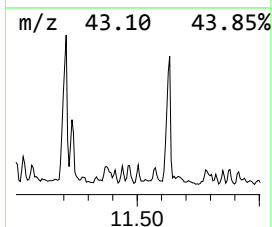
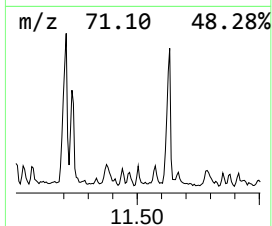
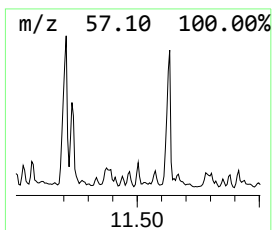
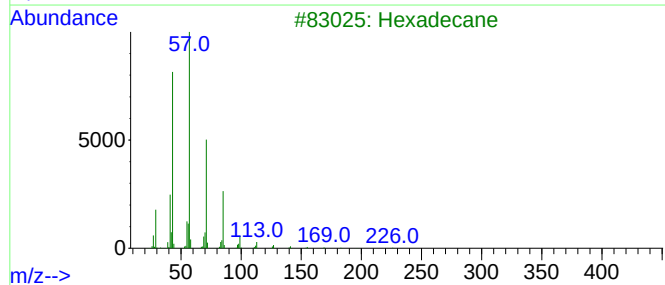
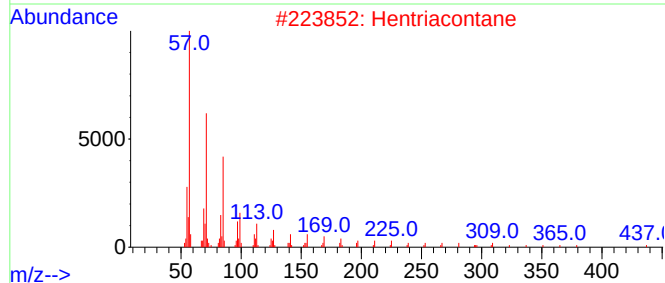
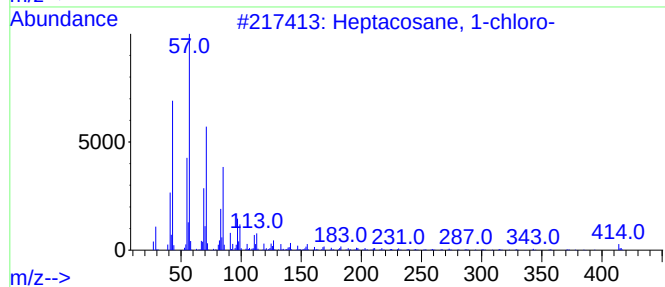
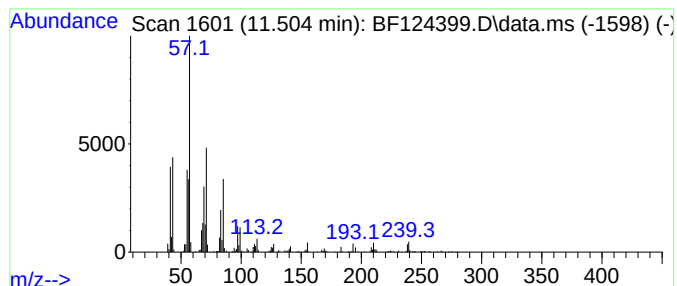
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptacosane, 1-chloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.504	31.47 ng	778779	Phenanthrene-d10	11.333

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	74
2		Hentriacontane	437	C31H64	000630-04-6	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	62
5		Hexacosane	366	C26H54	000630-01-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124399.D
Acq On : 21 Jun 2021 18:20
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Sample : M2777-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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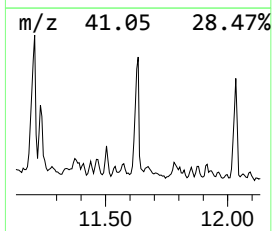
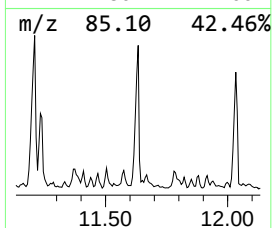
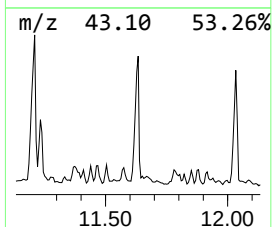
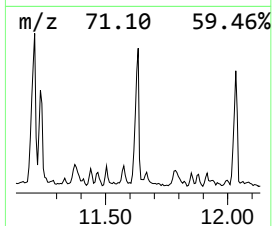
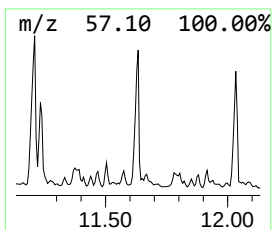
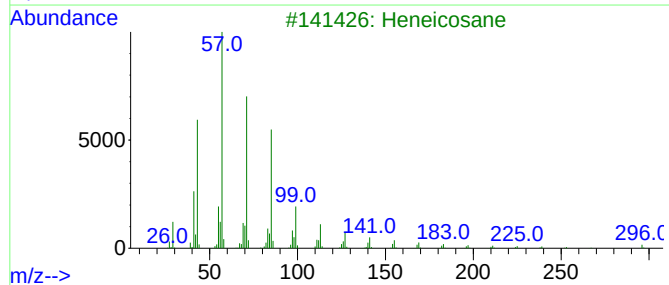
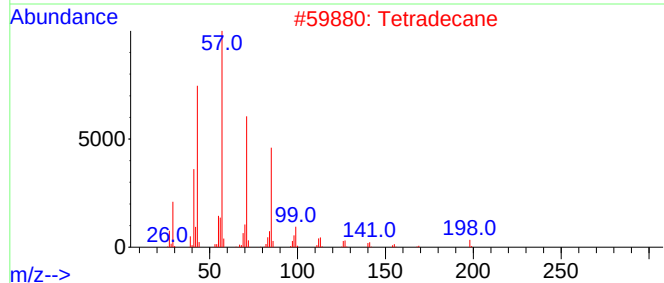
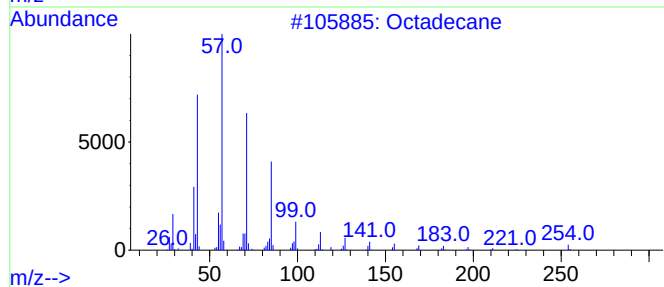
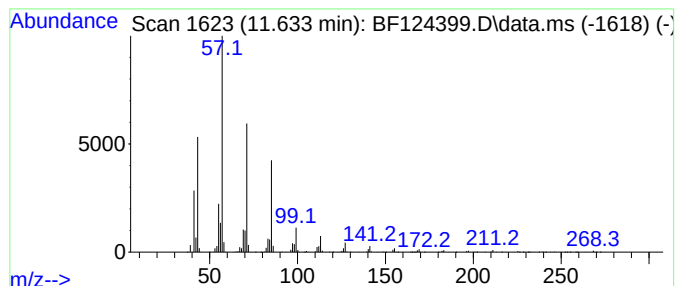
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	186.89 ng	4624770	Phenanthrene-d10	11.333

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Tetradecane	198	C14H30	000629-59-4	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tritetracontane	605	C43H88	007098-21-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124399.D
Acq On : 21 Jun 2021 18:20
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Sample : M2777-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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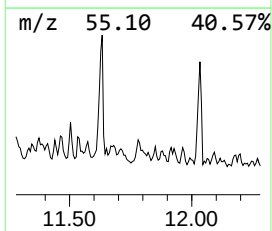
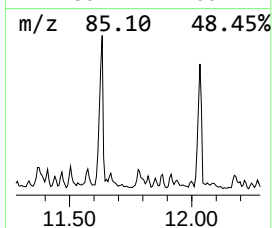
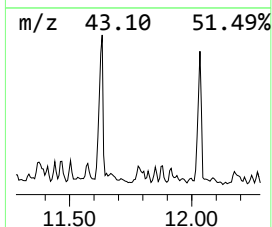
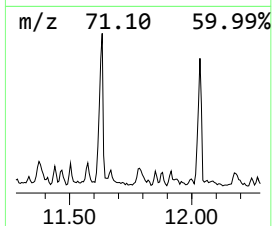
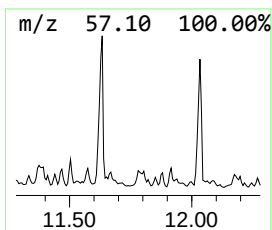
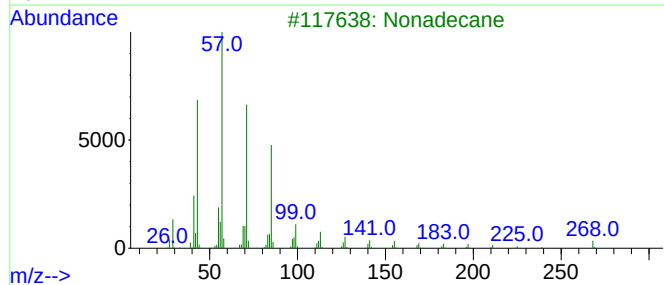
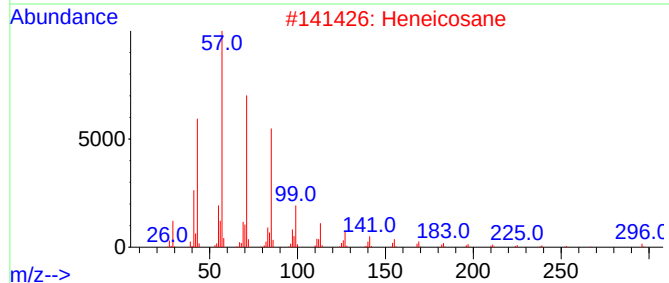
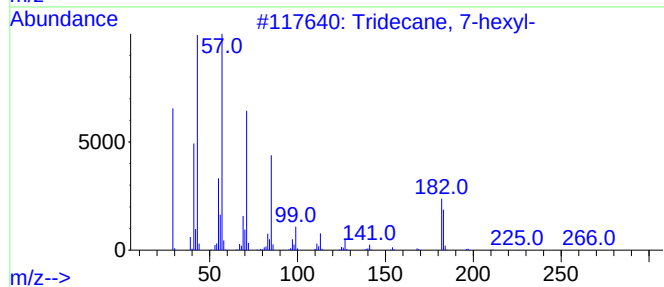
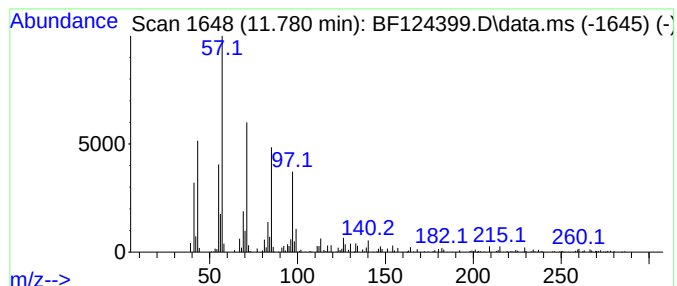
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane, 7-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	37.30 ng	922966	Phenanthrene-d10	11.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
2			Heneicosane	296	C21H44	000629-94-7	72
3			Nonadecane	268	C19H40	000629-92-5	64
4			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
5			Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124399.D
Acq On : 21 Jun 2021 18:20
Operator : JU/CG
Sample : M2777-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
X-2

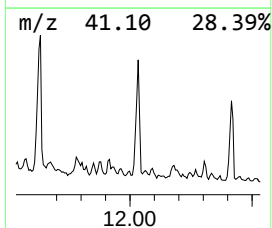
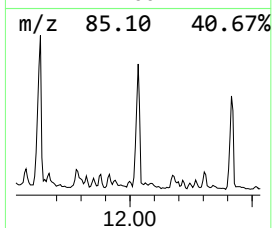
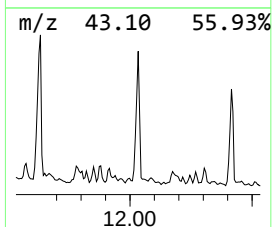
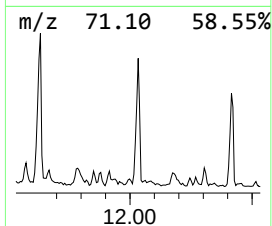
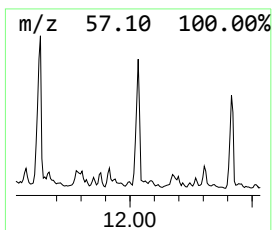
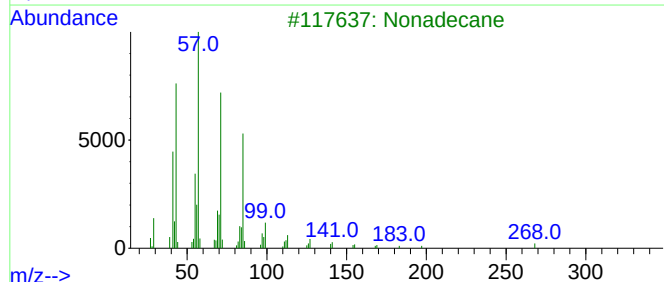
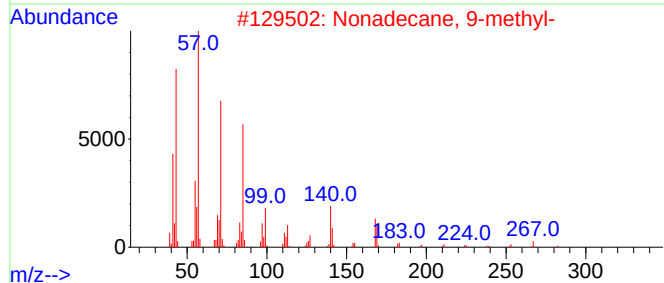
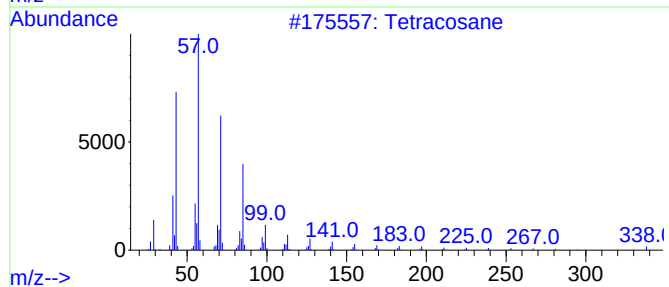
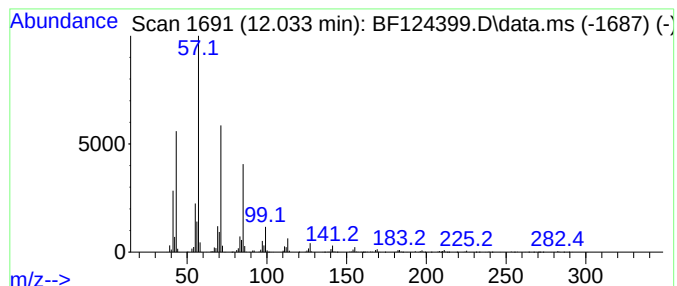
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	156.25 ng	3866670	Phenanthrene-d10	11.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Pentadecane	212	C15H32	000629-62-9	87
5			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124399.D
Acq On : 21 Jun 2021 18:20
Operator : JU/CG
Sample : M2777-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
X-2

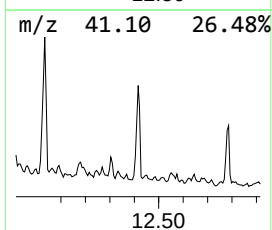
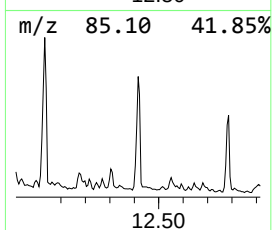
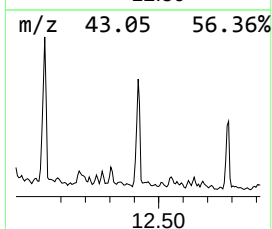
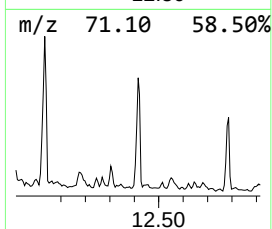
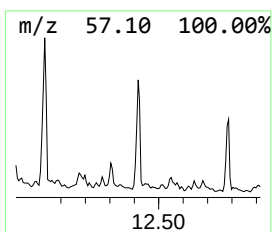
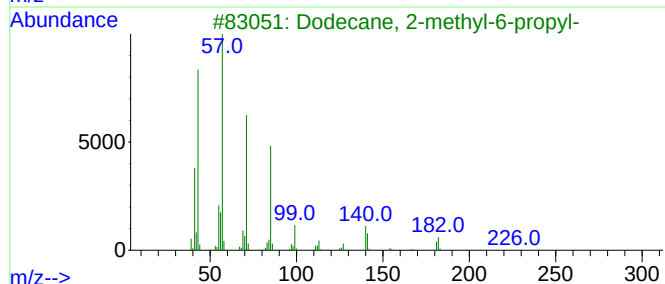
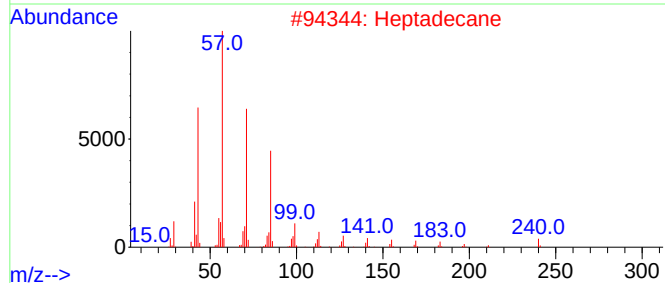
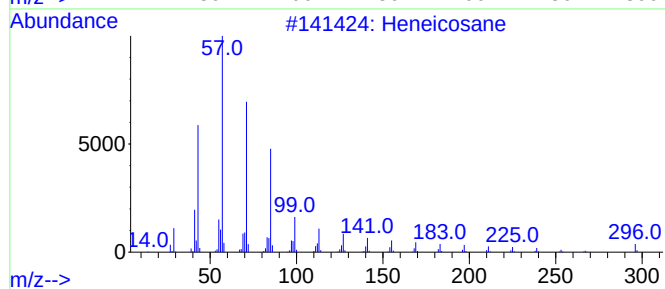
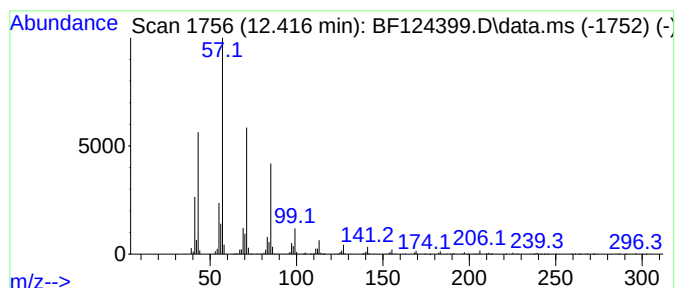
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	114.95 ng	2844660	Phenanthrene-d10	11.333

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Heptadecane	240	C17H36	000629-78-7	95
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4			Heptacosane	380	C27H56	000593-49-7	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124399.D
Acq On : 21 Jun 2021 18:20
Operator : JU/CG
Sample : M2777-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

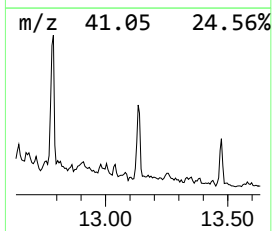
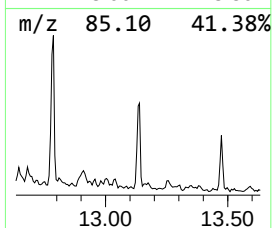
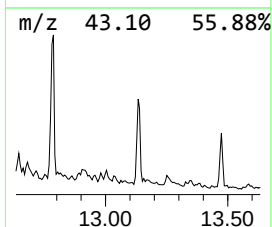
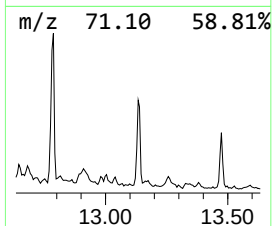
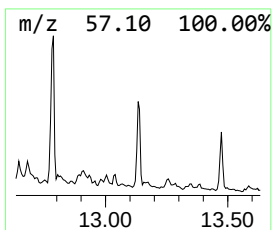
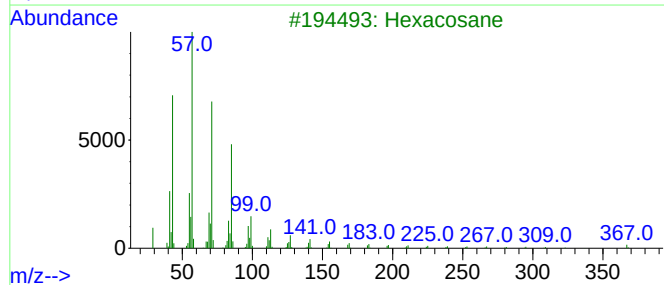
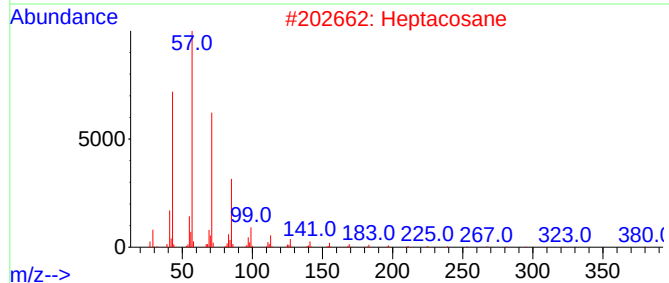
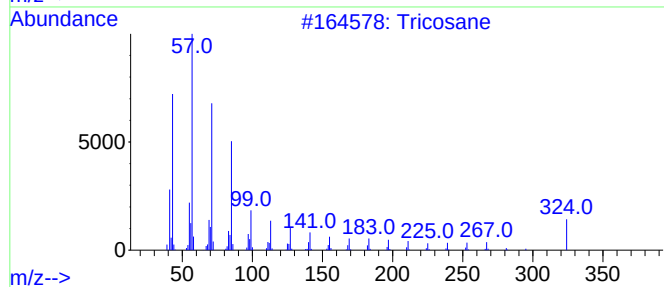
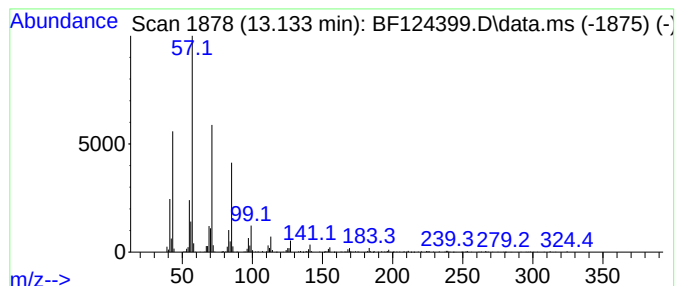
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tricosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.133	34.16 ng	1041130	Chrysene-d12		13.963	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tricosane		324	C23H48	000638-67-5	96
2	Heptacosane		380	C27H56	000593-49-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	91
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124399.D
 Acq On : 21 Jun 2021 18:20
 Operator : JU/CG
 Sample : M2777-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 X-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	6.622	30.8	ng	1065160	1	6.787	692812	20.0
Naphthalene, 1,...	9.316	38.6	ng	3046180	3	9.845	1577610	20.0
Hexadecane	9.569	53.4	ng	4214890	3	9.845	1577610	20.0
Naphthalene, 1,...	9.592	29.7	ng	2345570	3	9.845	1577610	20.0
unknown9.628	9.628	29.4	ng	2322400	3	9.845	1577610	20.0
Dodecane	9.792	91.1	ng	7186340	3	9.845	1577610	20.0
Octadecane, 2-m...	10.104	38.4	ng	3026350	3	9.845	1577610	20.0
Tridecane	10.292	109.7	ng	8652700	3	9.845	1577610	20.0
Pentadecane, 2,...	10.504	55.3	ng	4359910	3	9.845	1577610	20.0
Heptadecane	10.763	359.1	ng	8885580	4	11.333	494922	20.0
Decane, 3,8-dim...	10.939	37.3	ng	922961	4	11.333	494922	20.0
4,4'-Dimethylbi...	10.975	52.1	ng	1290420	4	11.333	494922	20.0
Octadecane	11.210	233.5	ng	5778620	4	11.333	494922	20.0
Heptadecane, 2,...	11.233	118.6	ng	2933770	4	11.333	494922	20.0
Heptacosane, 1-...	11.504	31.5	ng	778779	4	11.333	494922	20.0
Tetradecane	11.633	186.9	ng	4624770	4	11.333	494922	20.0
Tridecane, 7-he...	11.780	37.3	ng	922966	4	11.333	494922	20.0
Tetracosane	12.033	156.3	ng	3866670	4	11.333	494922	20.0
Heneicosane	12.416	115.0	ng	2844660	4	11.333	494922	20.0
Tricosane	13.133	34.2	ng	1041130	5	13.963	609541	20.0