

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132667.D
 Acq On : 07 Mar 2023 00:57
 Operator : CG\JU
 Sample : 01820-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-3-03032023

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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132667.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	444	448	461	rVB	731300	744876	34.55%	1.639%
2	5.622	512	516	527	rVB	1777624	1706511	79.15%	3.754%
3	6.616	682	685	692	rBV	1729305	1569532	72.80%	3.453%
4	6.998	747	750	754	rBV	1387013	1070844	49.67%	2.356%
5	7.557	842	845	848	rBV	1185644	977348	45.33%	2.150%
6	7.639	854	859	862	rVB5	78161	107140	4.97%	0.236%
7	7.804	882	887	894	rVB3	170761	194130	9.00%	0.427%
8	7.922	904	907	910	rBV2	142674	142027	6.59%	0.312%
9	8.145	943	945	948	rVB2	129107	113174	5.25%	0.249%
10	8.181	948	951	955	rBV3	109946	149860	6.95%	0.330%
11	8.251	960	963	965	rVV	220290	243800	11.31%	0.536%
12	8.286	965	969	974	rVV	1486962	1490840	69.15%	3.279%
13	8.328	974	976	979	rVB3	252246	223517	10.37%	0.492%
14	8.363	979	982	985	rBV3	126632	136363	6.32%	0.300%
15	8.481	999	1002	1005	rVB	161385	141407	6.56%	0.311%
16	8.569	1013	1017	1021	rVB4	290239	325771	15.11%	0.717%
17	8.610	1021	1024	1025	rBV2	89962	104482	4.85%	0.230%
18	8.663	1029	1033	1035	rBV4	136047	140553	6.52%	0.309%
19	8.692	1035	1038	1040	rVB	166926	139749	6.48%	0.307%
20	8.716	1040	1042	1045	rBV2	139153	133600	6.20%	0.294%
21	8.745	1045	1047	1050	rVB2	112503	100956	4.68%	0.222%
22	8.786	1051	1054	1056	rBV	352035	299177	13.88%	0.658%
23	8.863	1064	1067	1071	rBV3	446148	395693	18.35%	0.870%
24	8.904	1071	1074	1077	rBV4	137347	163742	7.59%	0.360%
25	8.945	1079	1081	1084	rVB2	160134	157627	7.31%	0.347%
26	9.028	1093	1095	1097	rBV3	113811	96365	4.47%	0.212%
27	9.057	1097	1100	1102	rVV3	97384	116833	5.42%	0.257%
28	9.080	1102	1104	1106	rVV2	109874	110261	5.11%	0.243%
29	9.104	1106	1108	1110	rVV	556800	453181	21.02%	0.997%
30	9.139	1113	1114	1116	rVV2	247789	195323	9.06%	0.430%
31	9.163	1116	1118	1119	rVV2	145201	121667	5.64%	0.268%
32	9.186	1120	1122	1125	rVB3	156216	165207	7.66%	0.363%
33	9.228	1125	1129	1131	rBV3	302674	360789	16.73%	0.794%
34	9.269	1134	1136	1138	rVV	129308	113696	5.27%	0.250%
35	9.292	1138	1140	1143	rVV3	415348	341490	15.84%	0.751%
36	9.322	1143	1145	1147	rVV2	173999	140243	6.50%	0.308%

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Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.357	1148	1151	1155	rVB	2084078	1649463	76.51%	3.628%
38	9.392	1155	1157	1160	rBV3	108068	133301	6.18%	0.293%
39	9.428	1160	1163	1168	rVV	1021877	865638	40.15%	1.904%
40	9.469	1168	1170	1172	rVV3	159618	136453	6.33%	0.300%
41	9.510	1174	1177	1179	rVV	357426	309178	14.34%	0.680%
42	9.533	1179	1181	1186	rVV4	113097	142290	6.60%	0.313%
43	9.616	1192	1195	1201	rVB4	162903	223828	10.38%	0.492%
44	9.680	1201	1206	1209	rBV4	219057	396176	18.38%	0.871%
45	9.751	1214	1218	1222	rVV2	514403	762755	35.38%	1.678%
46	9.810	1226	1228	1232	rVV2	226914	277629	12.88%	0.611%
47	9.857	1234	1236	1238	rVB	140091	89955	4.17%	0.198%
48	9.904	1241	1244	1247	rBV3	138197	154705	7.18%	0.340%
49	9.957	1251	1253	1258	rVB	1134580	1017097	47.18%	2.237%
50	9.998	1258	1260	1263	rBV3	98420	113736	5.28%	0.250%
51	10.045	1265	1268	1271	rVB	1352051	1087942	50.46%	2.393%
52	10.139	1282	1284	1289	rBV3	107152	120547	5.59%	0.265%
53	10.198	1290	1294	1296	rBV4	158486	222546	10.32%	0.490%
54	10.222	1296	1298	1300	rVV2	199365	169972	7.88%	0.374%
55	10.251	1300	1303	1305	rVB3	179067	180812	8.39%	0.398%
56	10.280	1305	1308	1313	rBV4	326140	411445	19.08%	0.905%
57	10.322	1313	1315	1318	rVB	201838	178322	8.27%	0.392%
58	10.363	1318	1322	1325	rBV4	182758	297468	13.80%	0.654%
59	10.463	1335	1339	1341	rBV	1459337	1182717	54.86%	2.602%
60	10.492	1341	1344	1346	rVB4	105746	106757	4.95%	0.235%
61	10.680	1371	1376	1379	rBV	561571	711287	32.99%	1.565%
62	10.733	1383	1385	1388	rBV2	182196	168449	7.81%	0.371%
63	10.763	1388	1390	1395	rVB3	163558	174502	8.09%	0.384%
64	10.804	1395	1397	1400	rVB2	248887	179029	8.30%	0.394%
65	10.839	1400	1403	1406	rBV	869304	814668	37.79%	1.792%
66	10.939	1417	1420	1425	rBV	1325038	1608700	74.62%	3.539%
67	11.127	1450	1452	1454	rBV	171172	158663	7.36%	0.349%
68	11.163	1456	1458	1462	rVV2	159347	163853	7.60%	0.360%
69	11.222	1466	1468	1471	rVB	168476	137329	6.37%	0.302%
70	11.263	1472	1475	1477	rBV2	151140	134204	6.22%	0.295%
71	11.386	1493	1496	1499	rBV	1336188	1040467	48.26%	2.289%
72	11.416	1499	1501	1504	rVB	406193	359757	16.69%	0.791%
73	11.545	1519	1523	1525	rBV	1175863	1137711	52.77%	2.503%
74	11.563	1525	1526	1531	rVB	386349	340913	15.81%	0.750%
75	11.657	1540	1542	1546	rVB2	134922	133249	6.18%	0.293%
76	11.698	1546	1549	1552	rBV2	150015	140258	6.51%	0.309%

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77	11.769	1558	1561	1566	rBV3	163452	163501	7.58%	0.360%
78	11.816	1566	1569	1572	rVB	1165468	886477	41.12%	1.950%
79	11.916	1583	1586	1589	rVB	389580	333120	15.45%	0.733%
80	11.980	1595	1597	1602	rBV3	103543	130569	6.06%	0.287%
81	12.051	1606	1609	1611	rBV3	244359	233751	10.84%	0.514%
82	12.074	1611	1613	1617	rVB	164251	142183	6.59%	0.313%
83	12.163	1625	1628	1633	rVV4	103854	140751	6.53%	0.310%
84	12.227	1636	1639	1642	rBV	960670	790937	36.69%	1.740%
85	12.374	1661	1664	1667	rBV4	117264	145660	6.76%	0.320%
86	12.610	1700	1704	1706	rBV2	2148730	2155969	100.00%	4.742%
87	12.633	1706	1708	1715	rVB2	1052699	979270	45.42%	2.154%
88	12.716	1719	1722	1726	rVB	208422	168827	7.83%	0.371%
89	12.763	1727	1730	1735	rVB	911183	826912	38.35%	1.819%
90	12.992	1764	1769	1776	rVB2	1076235	1258752	58.38%	2.769%
91	13.133	1789	1793	1796	rBV	1788211	1551129	71.95%	3.412%
92	13.351	1827	1830	1832	rVV	303668	243152	11.28%	0.535%
93	13.692	1885	1888	1891	rBV	216805	210765	9.78%	0.464%
94	14.027	1942	1945	1947	rBV3	103308	110093	5.11%	0.242%
95	14.204	1970	1975	1978	rBV2	1389305	1595933	74.02%	3.511%
96	14.227	1978	1979	1987	rVB	419346	349855	16.23%	0.770%
97	15.292	2157	2160	2164	rBV	400864	593765	27.54%	1.306%
98	15.692	2225	2228	2235	rVB	387660	507405	23.53%	1.116%
99	15.762	2235	2240	2243	rBV	615130	851089	39.48%	1.872%
100	17.362	2508	2512	2517	rBV2	140371	269250	12.49%	0.592%

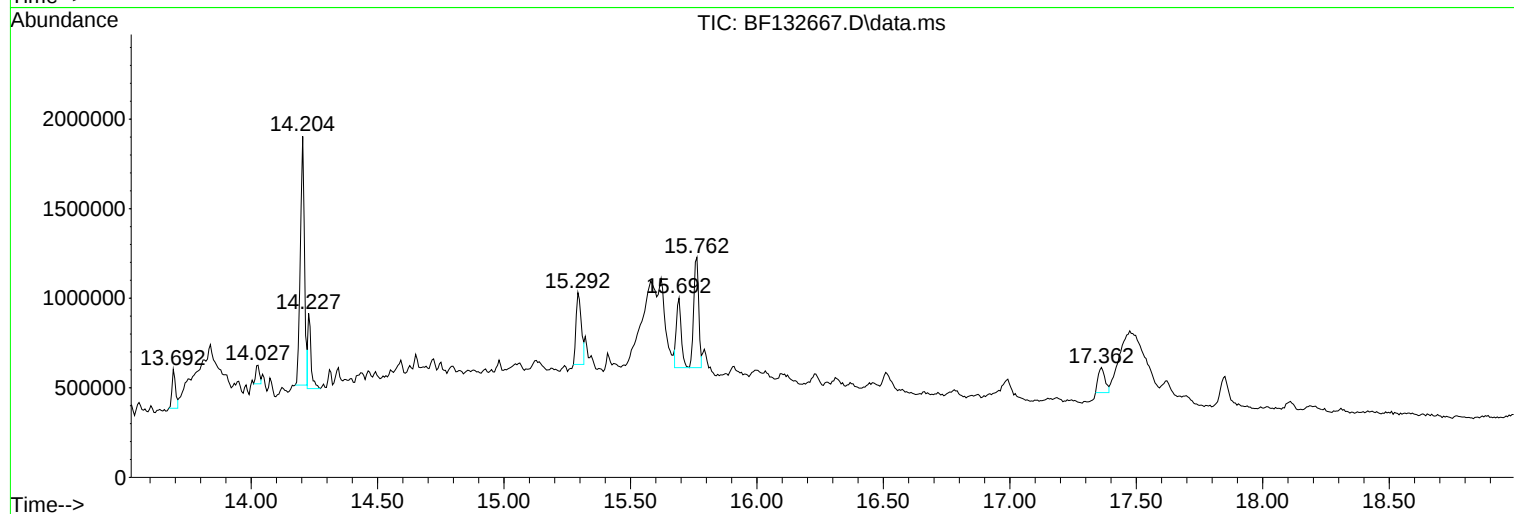
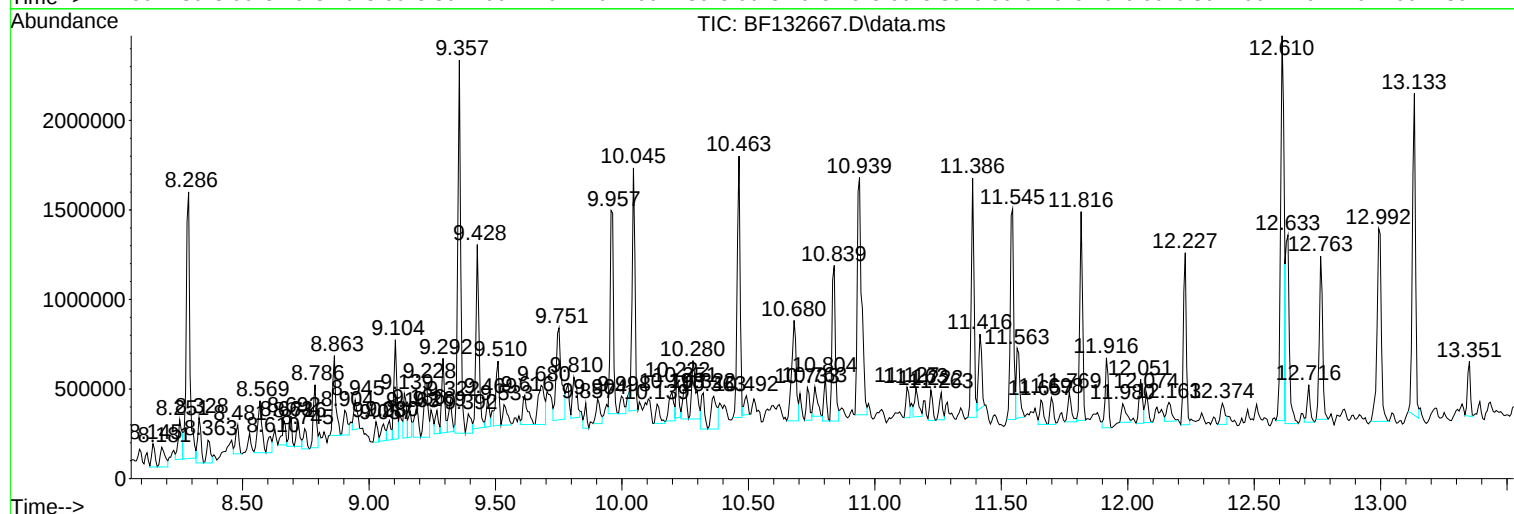
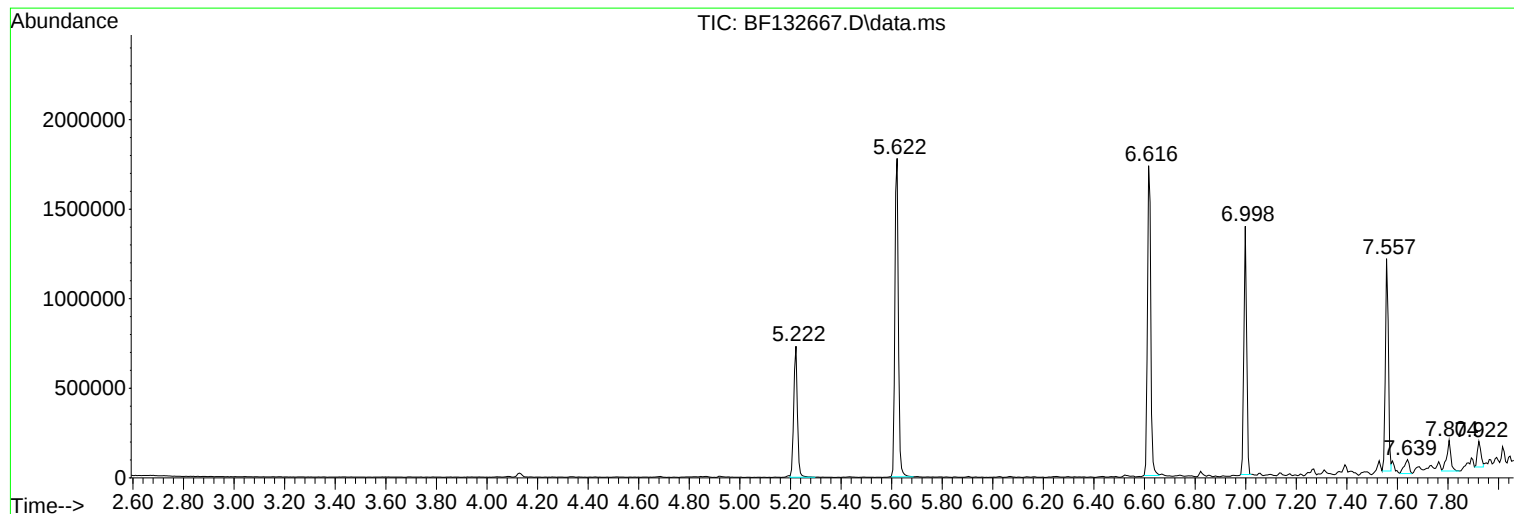
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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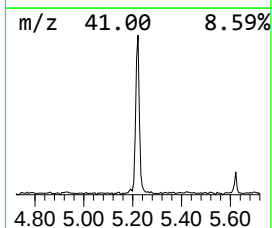
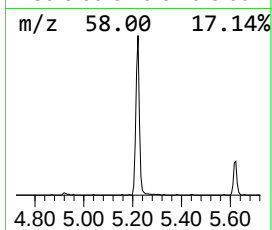
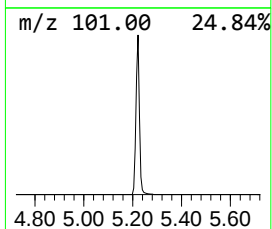
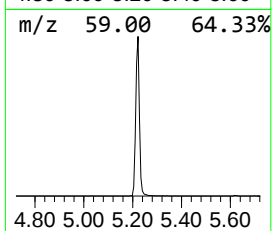
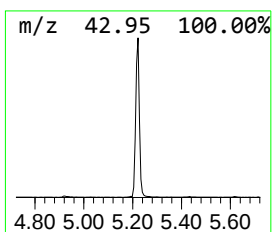
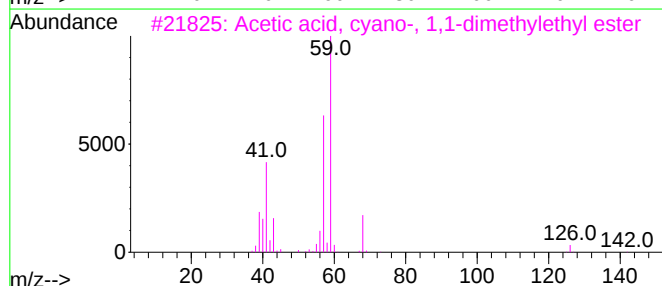
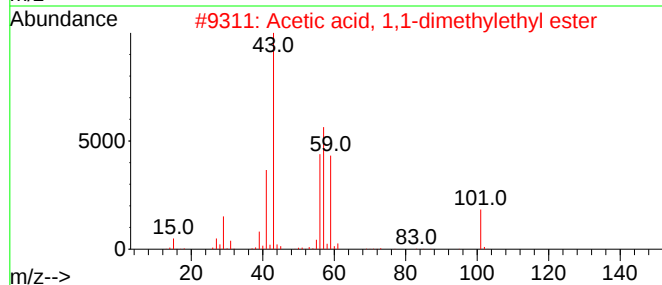
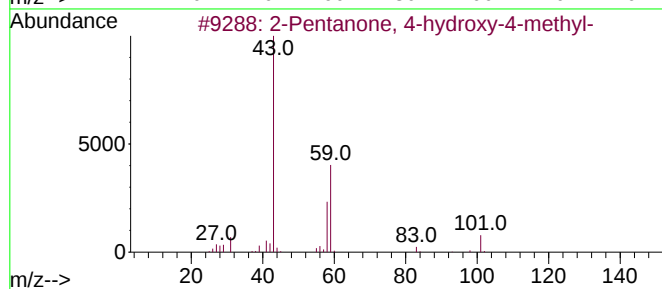
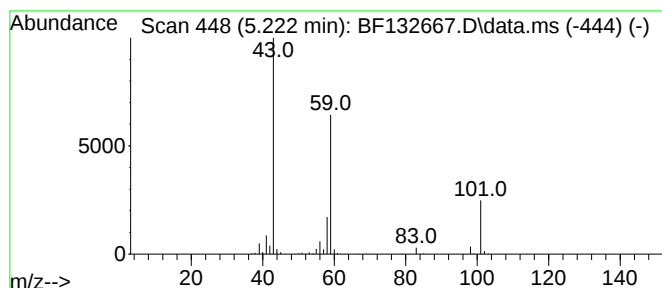
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.222	13.91 ng	744876	1,4-Dichlorobenzene-d4	6.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	Guanidine	59	CH5N3	000113-00-8	9		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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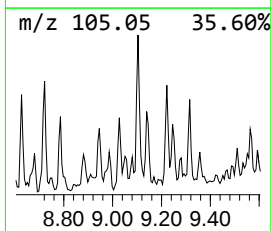
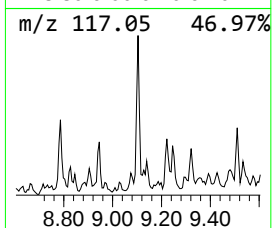
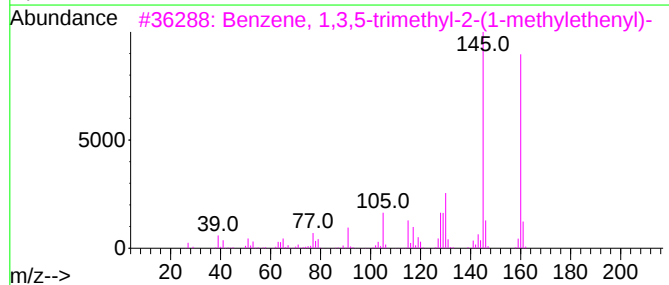
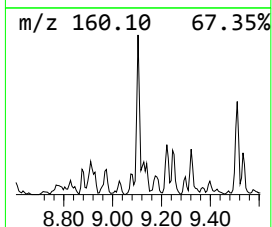
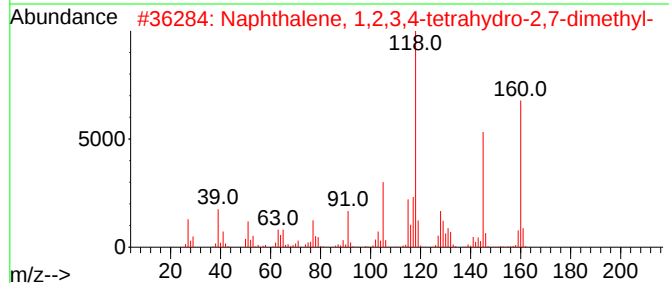
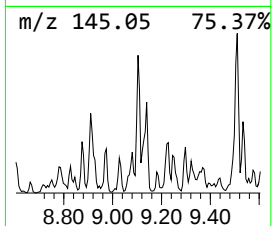
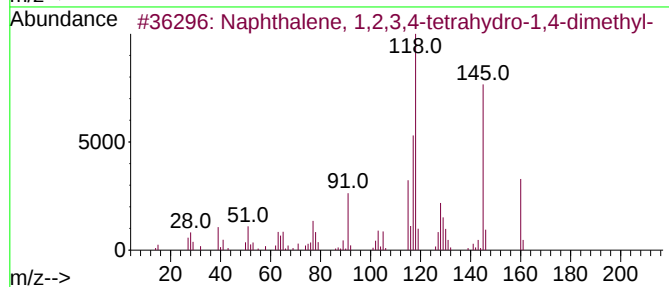
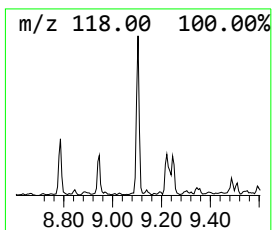
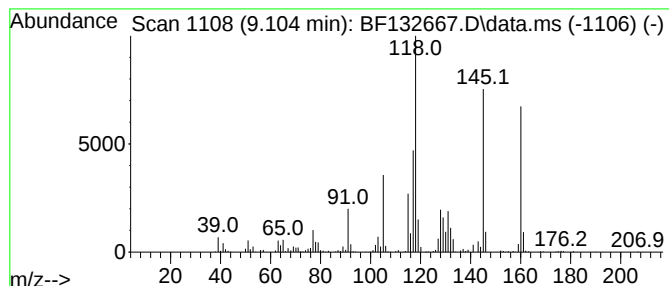
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	6.08 ng	453181	Naphthalene-d8	8.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4			Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60



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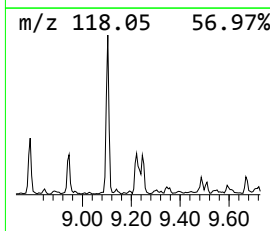
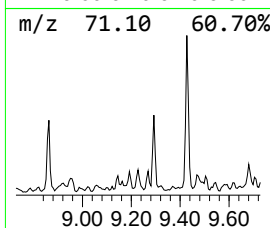
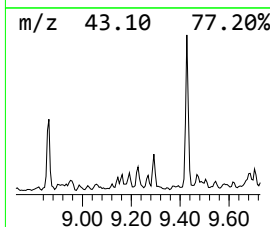
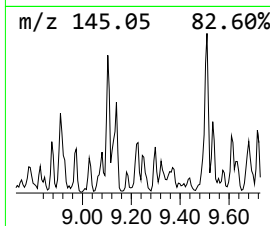
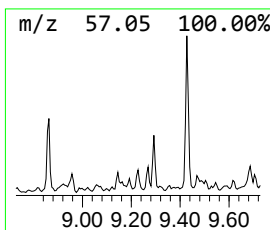
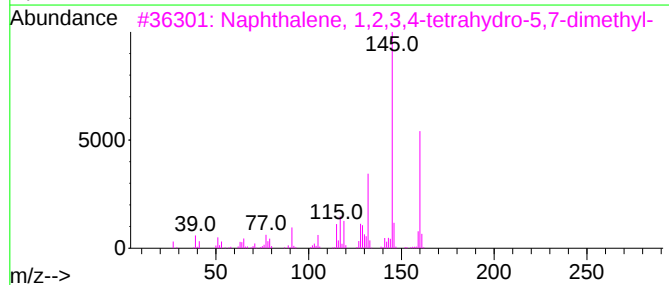
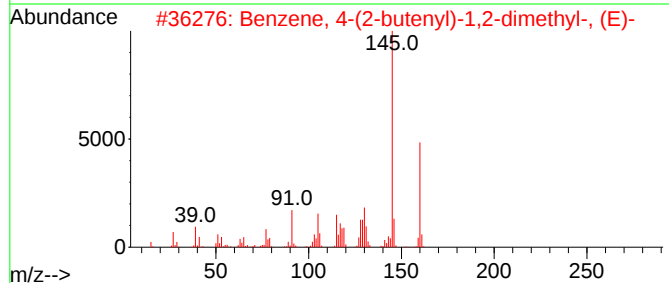
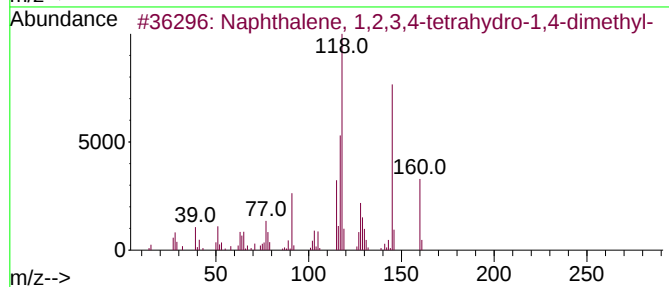
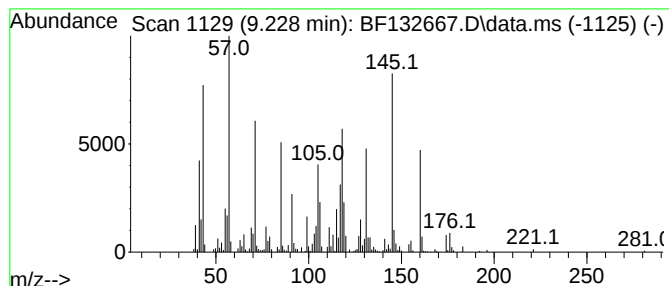
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.228	6.63 ng	360789	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
2			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	45
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	45
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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Acq On : 07 Mar 2023 00:57
Operator : CG\JU
Sample : 01820-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-3-03032023

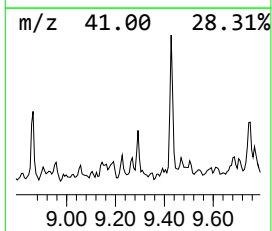
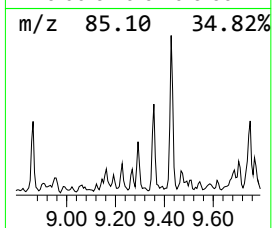
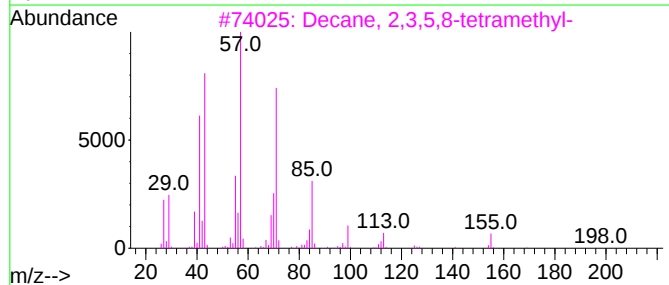
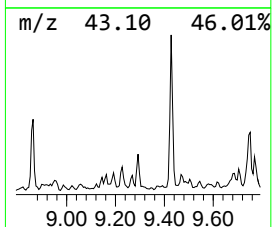
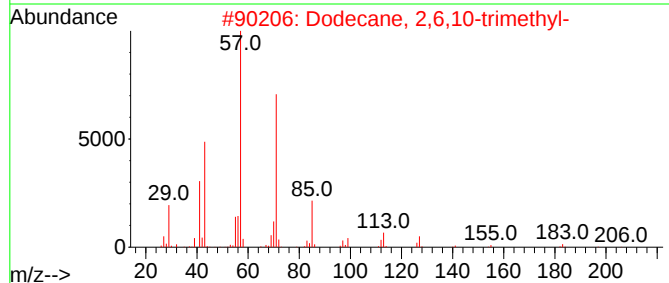
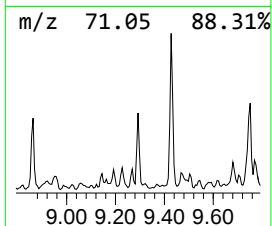
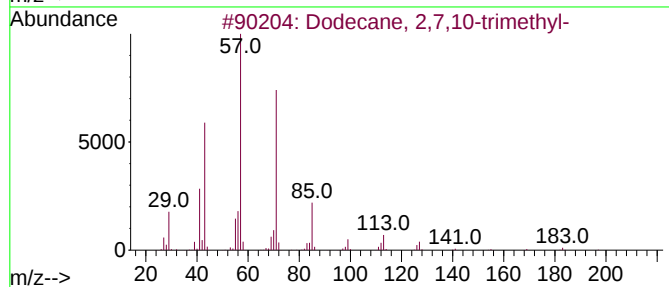
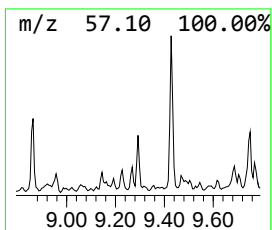
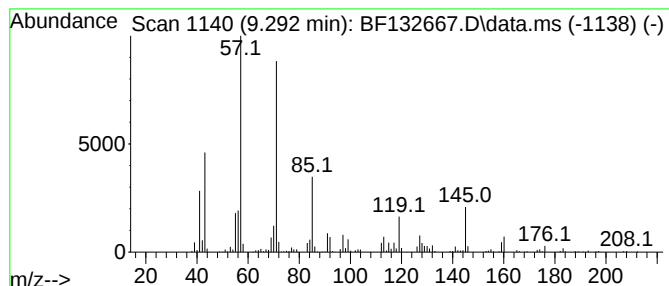
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	6.28 ng	341490	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	53
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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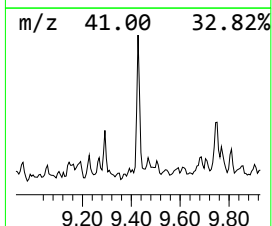
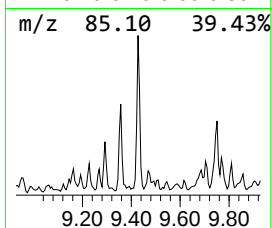
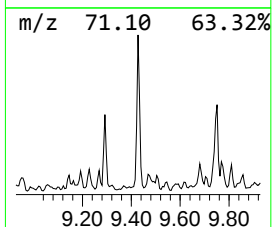
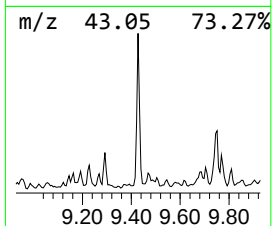
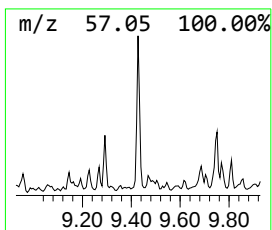
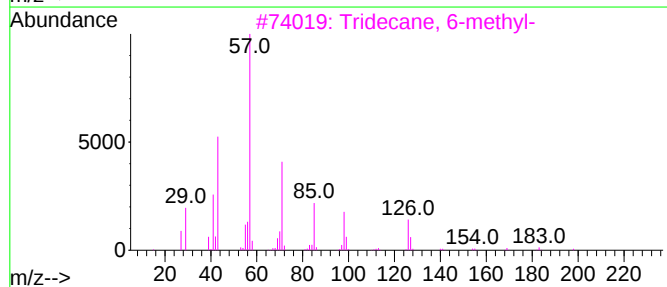
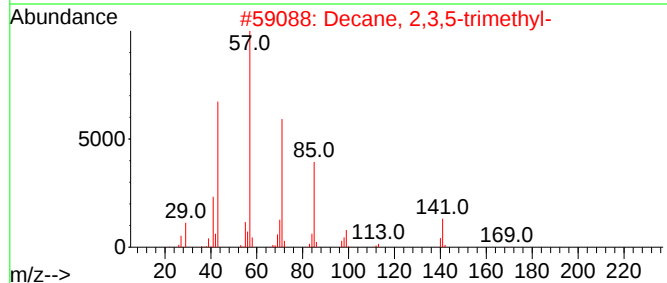
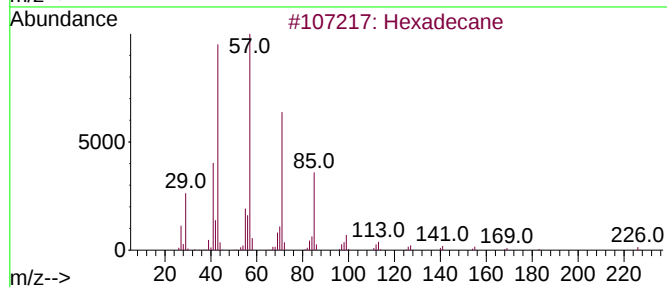
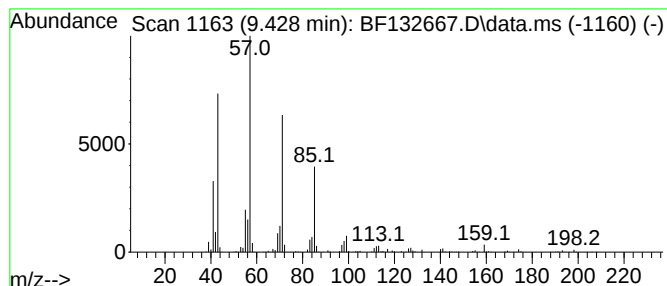
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	15.91 ng	865638	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
5			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	59



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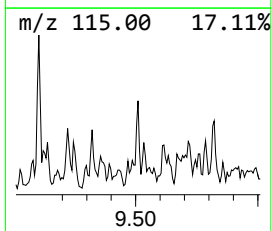
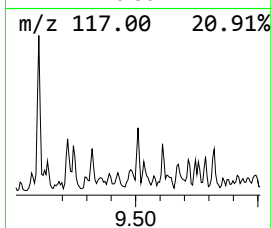
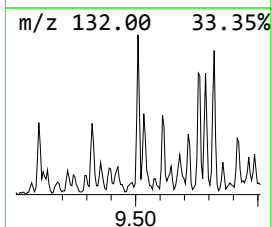
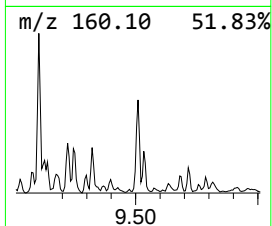
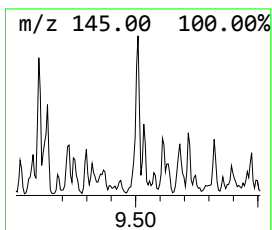
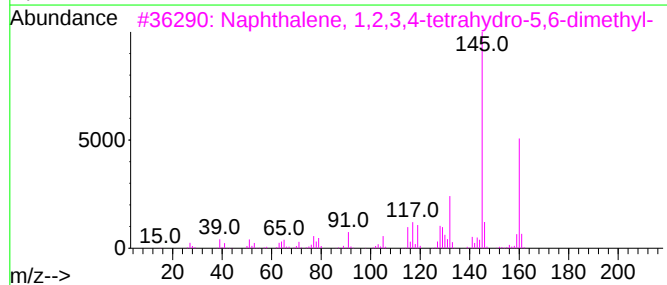
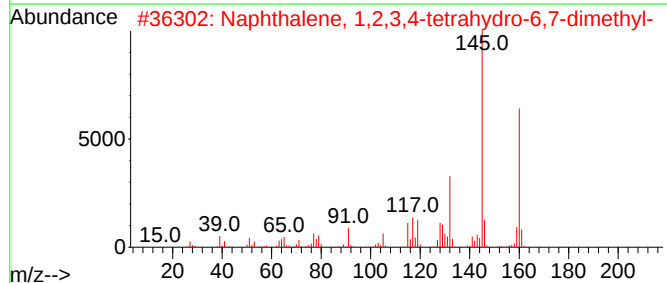
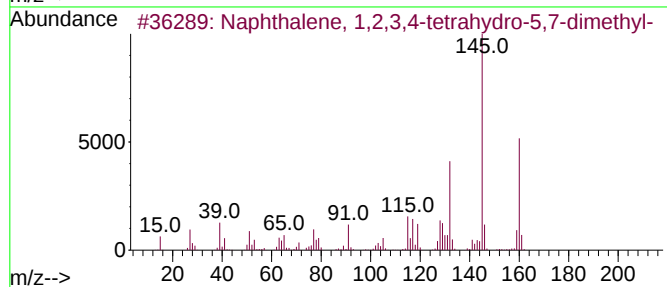
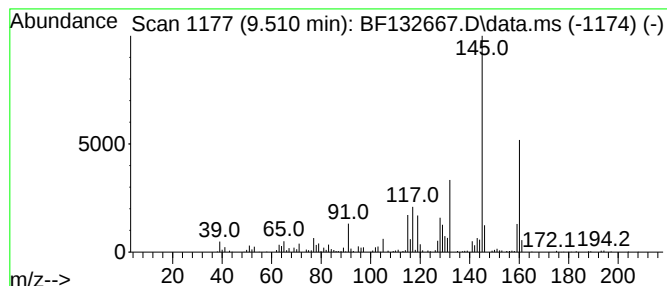
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	5.68 ng	309178	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	97
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	96
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	89



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ALS Vial : 20 Sample Multiplier: 1

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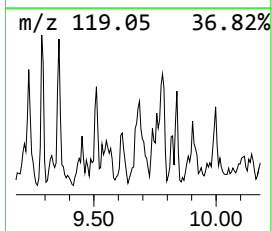
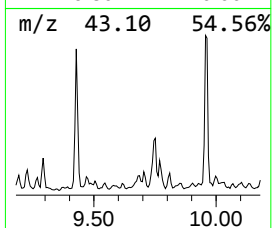
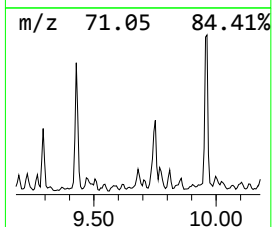
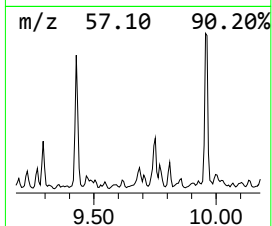
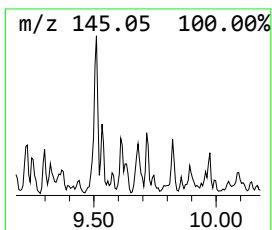
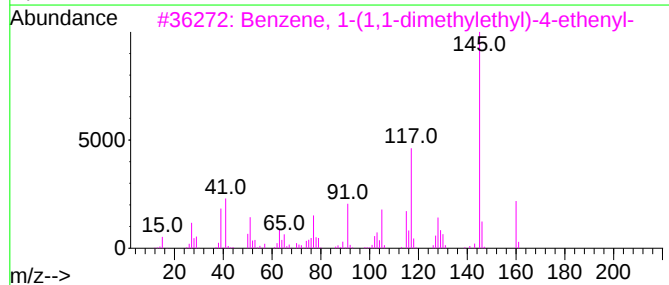
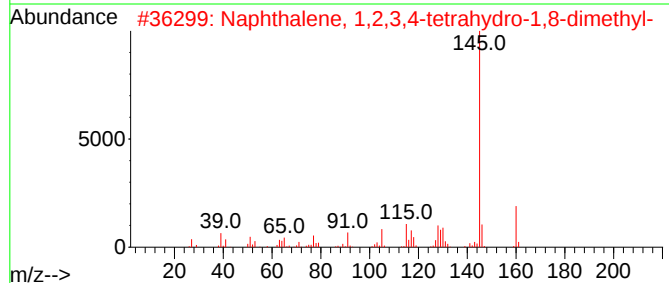
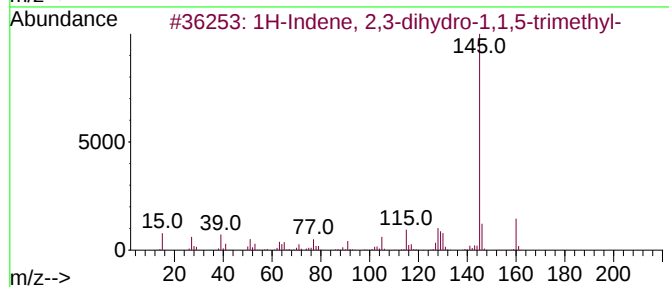
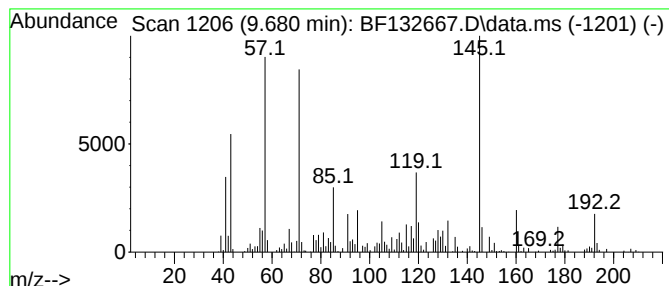
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.680 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.680	7.28 ng	396176	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	42
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	42
3			Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	42
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	42
5			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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Acq On : 07 Mar 2023 00:57
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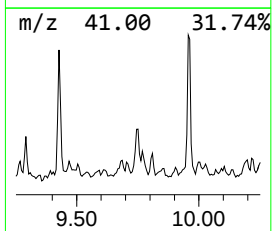
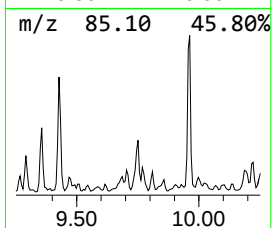
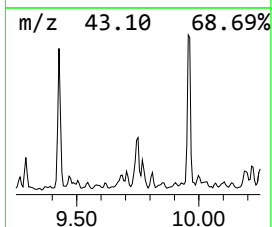
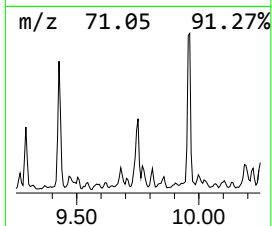
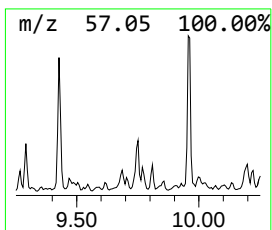
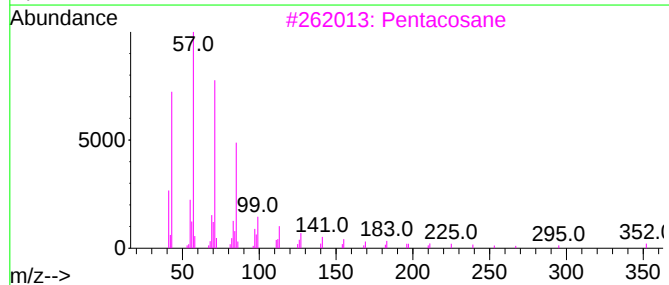
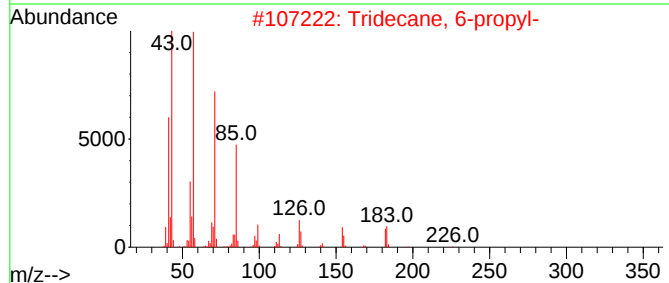
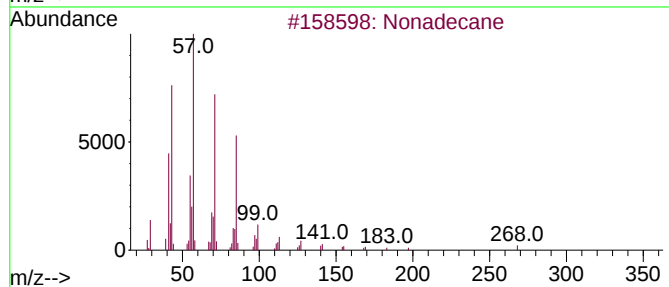
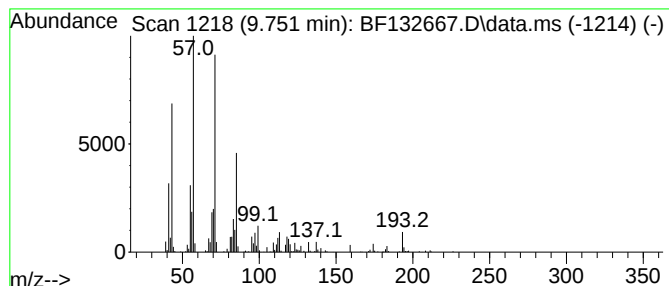
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	14.02 ng	762755	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
3			Pentacosane	352	C25H52	000629-99-2	80
4			Hexadecane	226	C16H34	000544-76-3	76
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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Acq On : 07 Mar 2023 00:57
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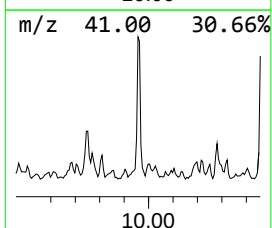
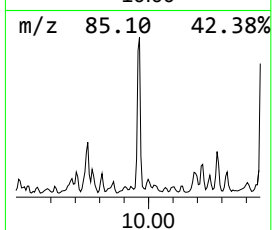
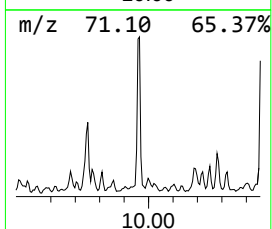
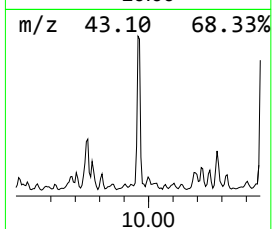
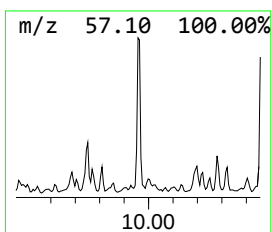
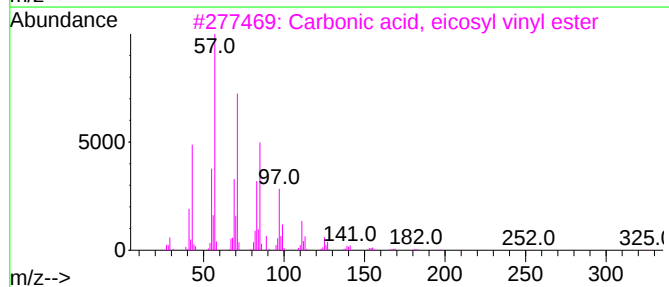
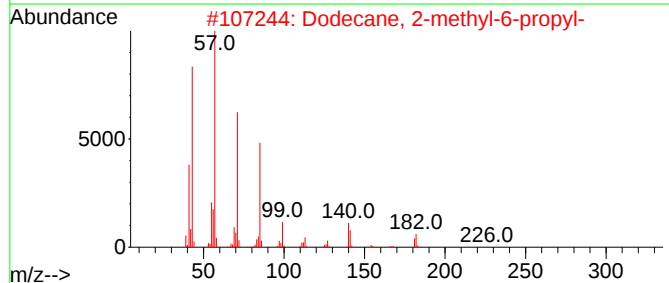
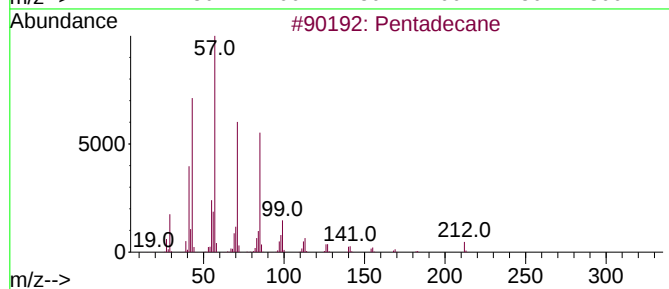
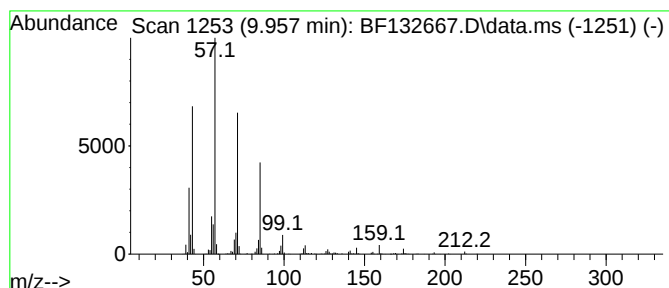
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	18.70 ng	1017100	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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Acq On : 07 Mar 2023 00:57
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Sample : 01820-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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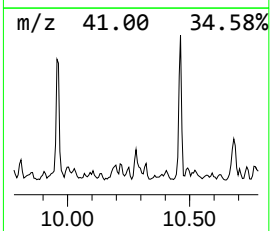
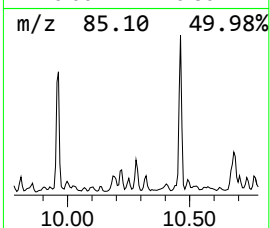
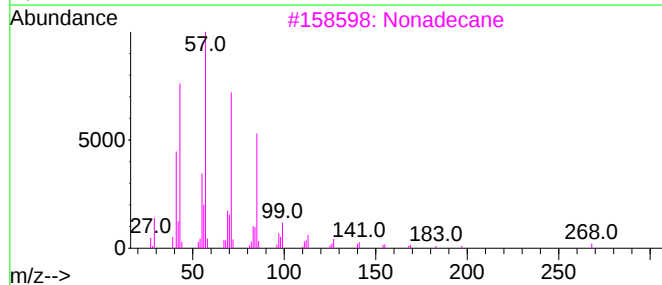
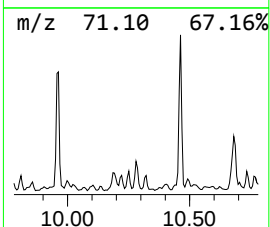
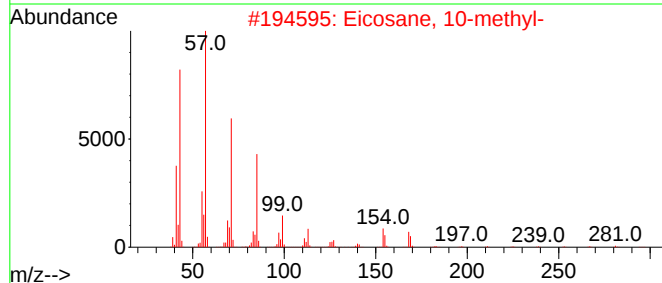
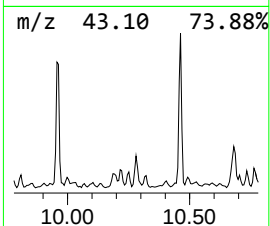
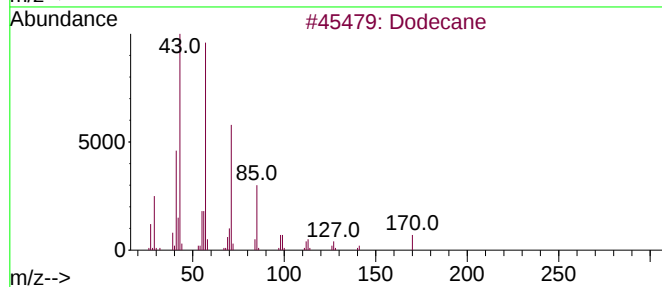
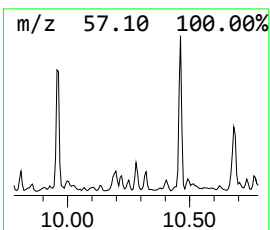
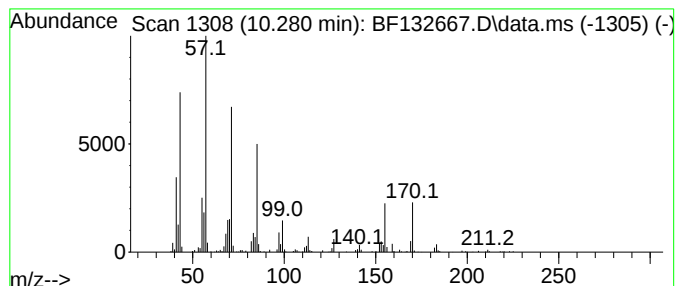
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.280	7.56 ng	411445	Acenaphthene-d10	10.045

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	68
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
3		Nonadecane	268	C19H40	000629-92-5	64
4		Hexacosane	366	C26H54	000630-01-3	62
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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Acq On : 07 Mar 2023 00:57
Operator : CG\JU
Sample : 01820-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

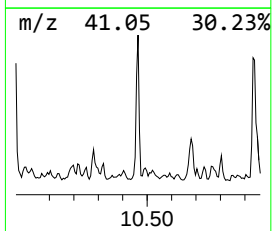
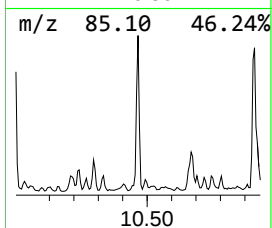
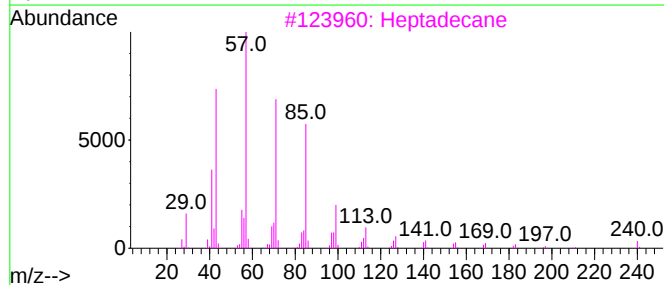
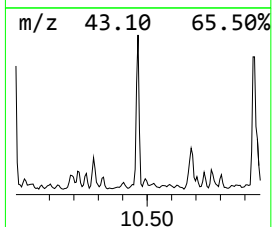
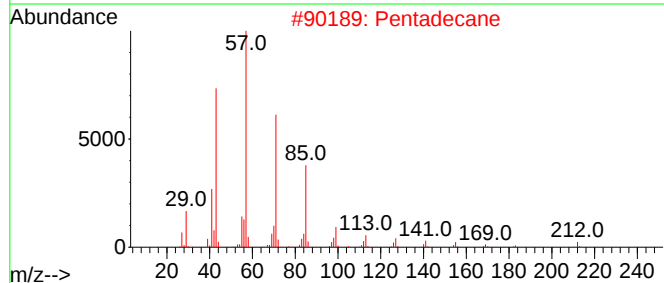
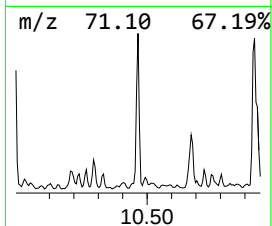
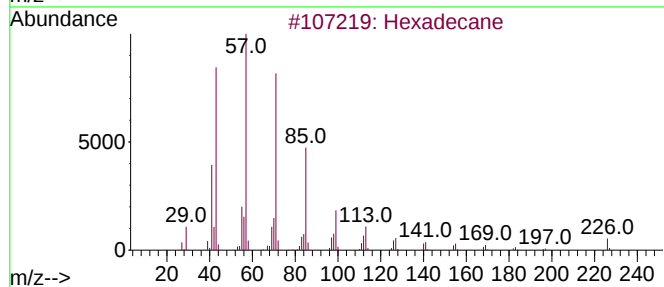
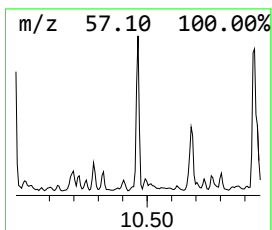
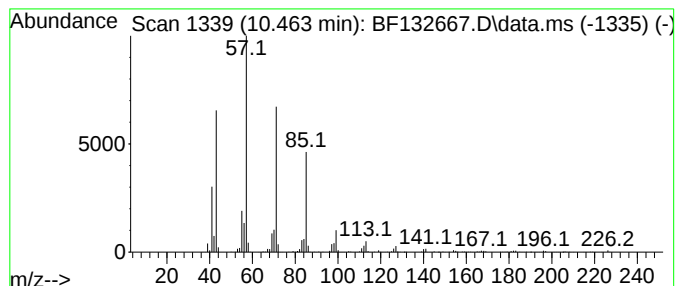
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.463	21.74 ng	1182720	Acenaphthene-d10		10.045	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	93
2	Pentadecane		212	C15H32	000629-62-9	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	87
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132667.D
Acq On : 07 Mar 2023 00:57
Operator : CG\JU
Sample : 01820-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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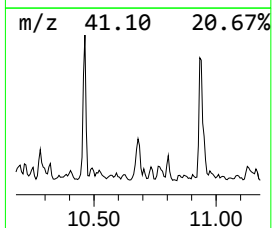
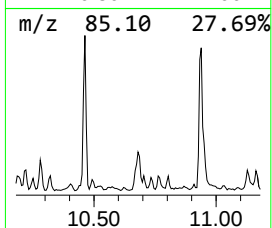
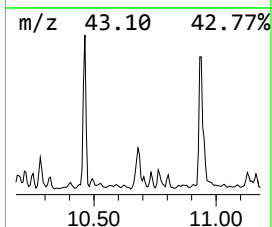
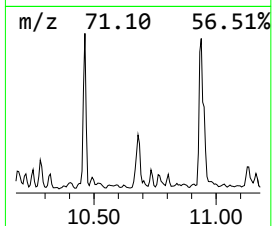
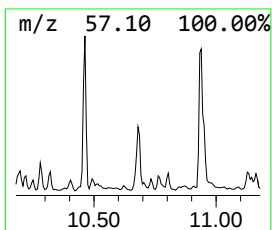
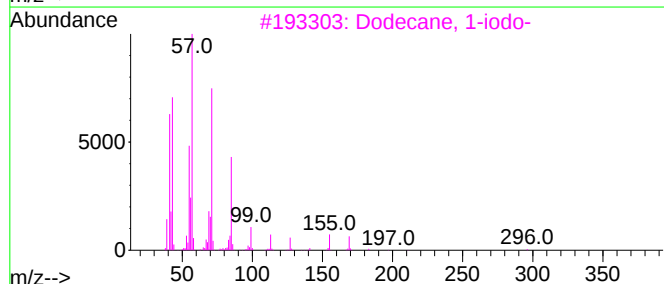
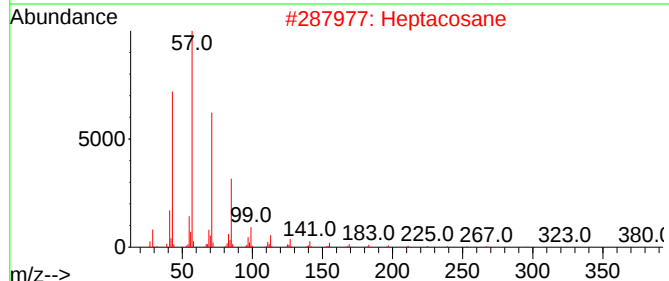
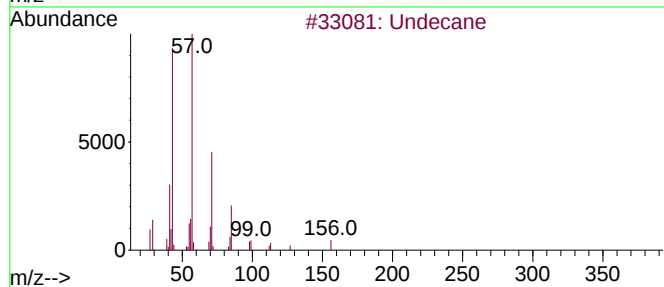
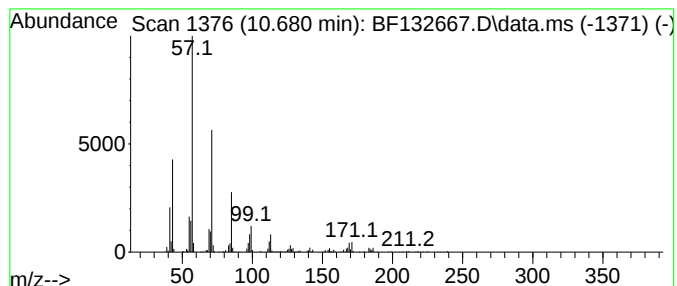
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	13.08 ng	711287	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	87
2			Heptacosane	380	C27H56	000593-49-7	80
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4			Hexadecane	226	C16H34	000544-76-3	68
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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Acq On : 07 Mar 2023 00:57
Operator : CG\JU
Sample : 01820-01 2X
Misc :
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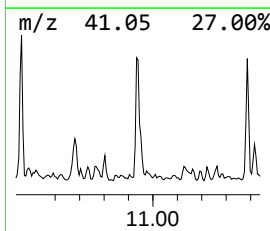
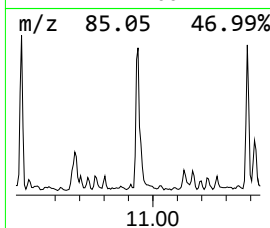
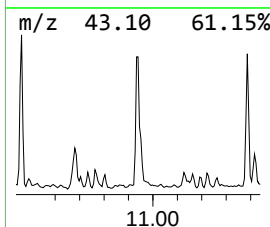
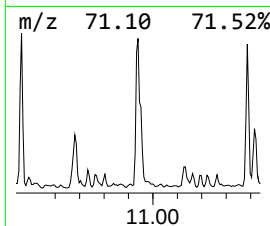
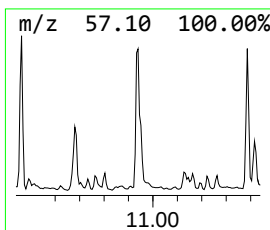
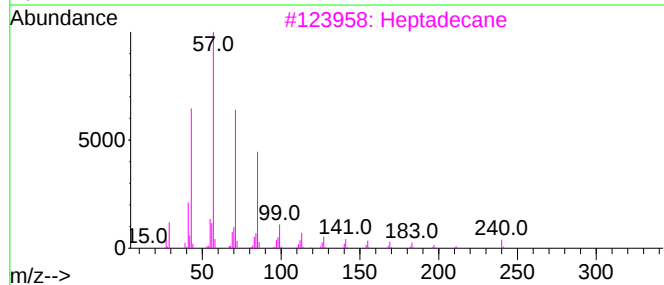
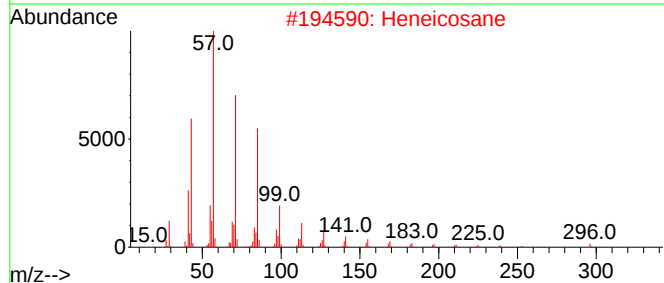
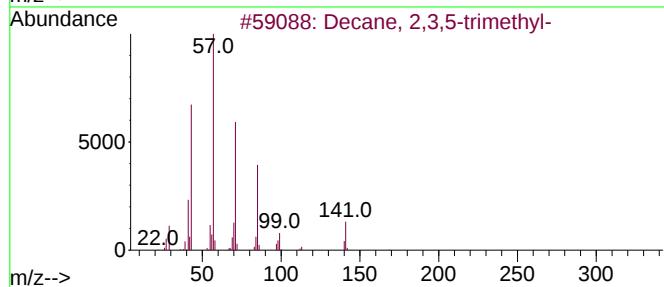
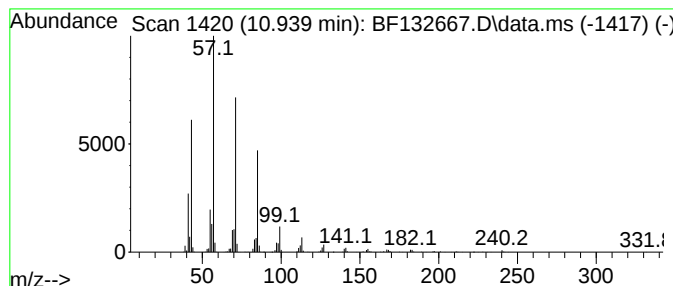
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 2,3,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.939	28.28 ng	1608700	Phenanthrene-d10	11.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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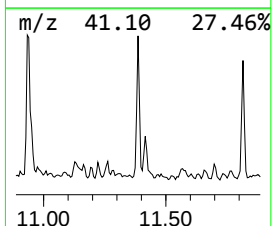
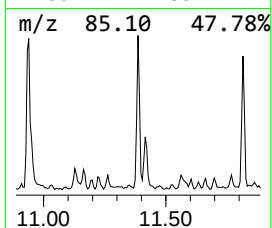
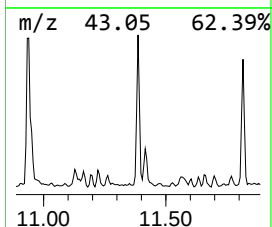
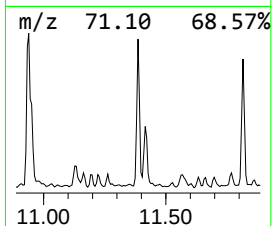
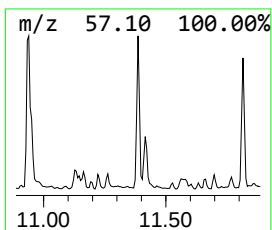
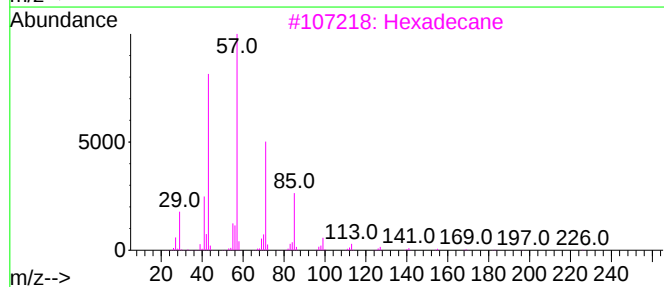
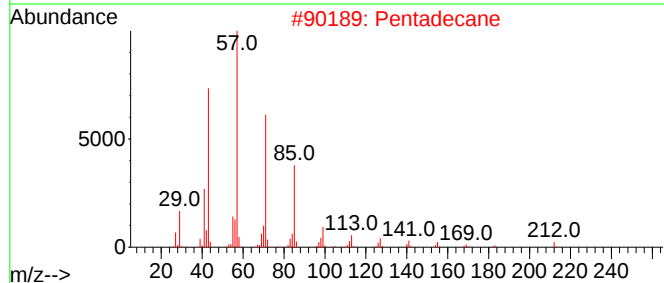
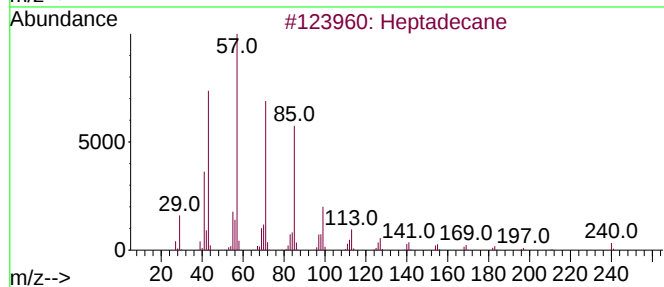
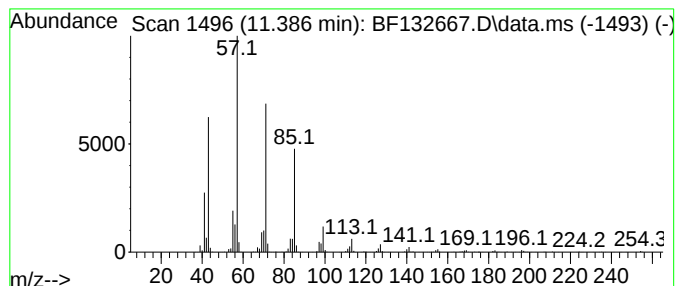
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.386	18.29 ng	1040470	Phenanthrene-d10		11.545	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
5	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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Misc :
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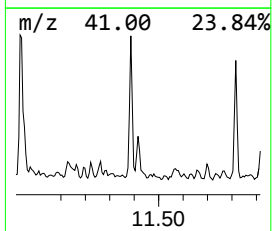
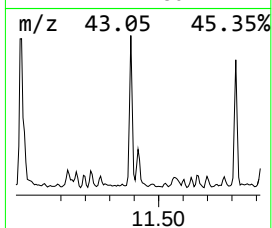
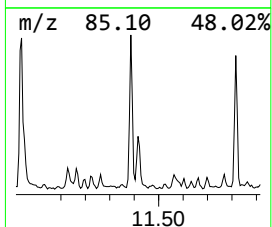
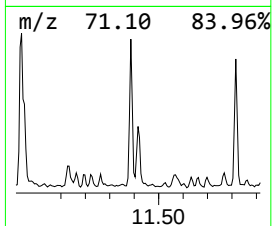
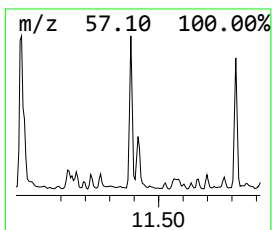
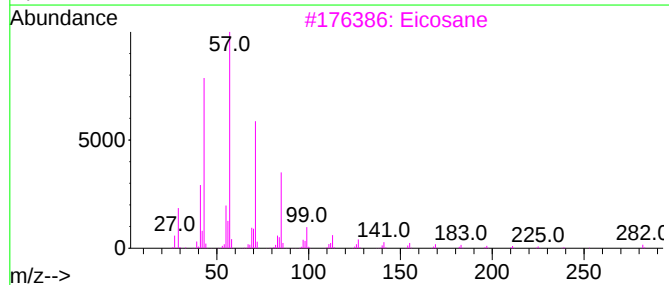
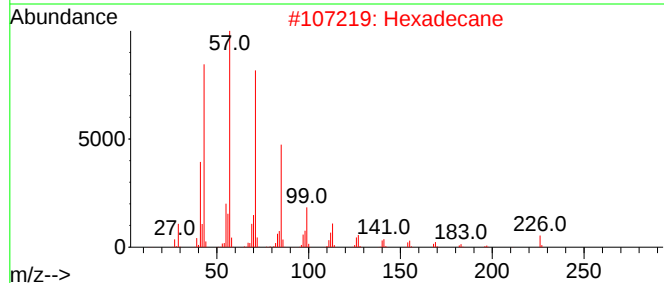
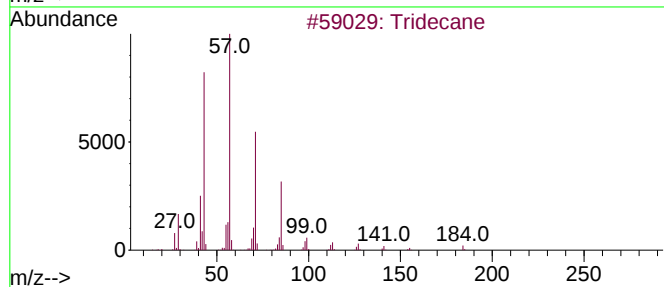
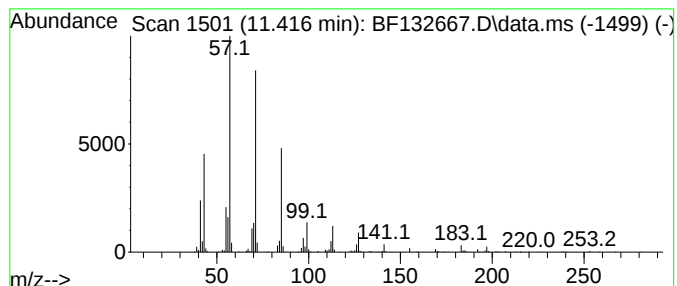
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.416	6.32 ng	359757	Phenanthrene-d10	11.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Eicosane	282	C20H42	000112-95-8	90
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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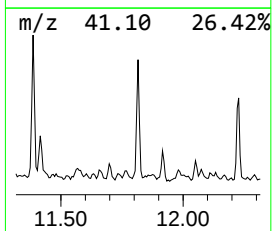
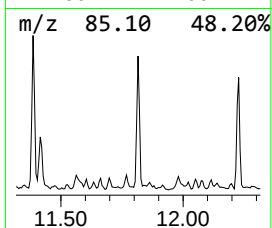
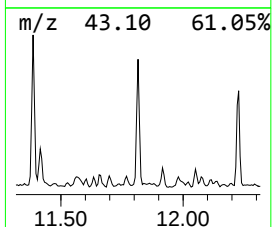
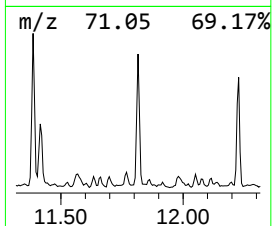
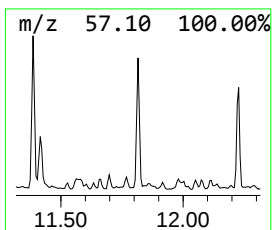
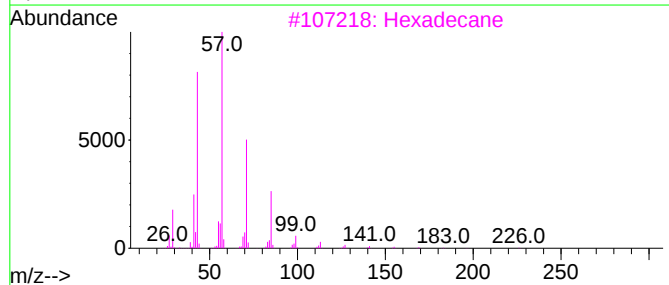
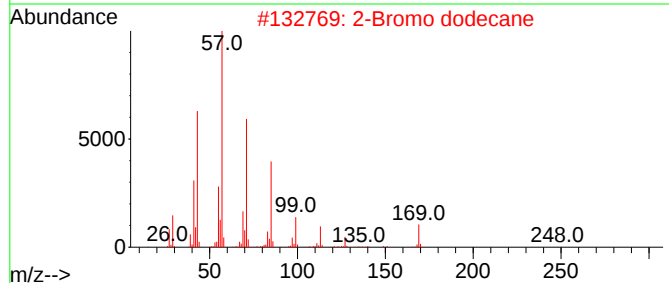
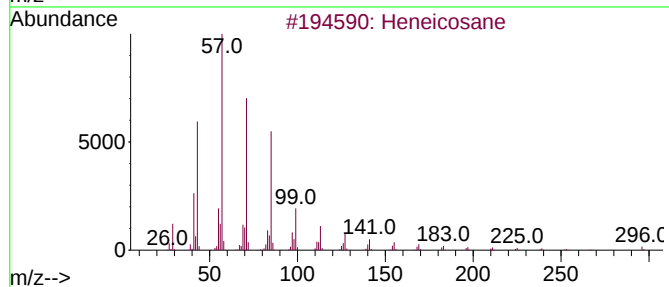
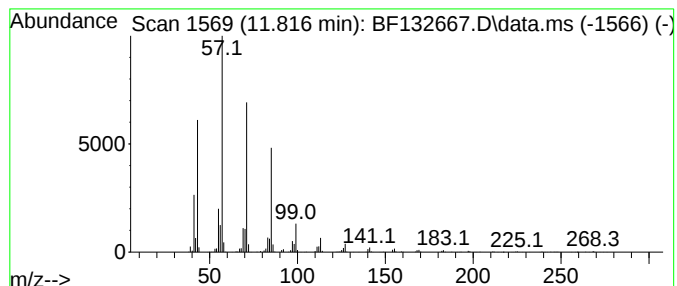
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	15.58 ng	886477	Phenanthrene-d10	11.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Nonadecane	268	C19H40	000629-92-5	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132667.D
Acq On : 07 Mar 2023 00:57
Operator : CG\JU
Sample : 01820-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

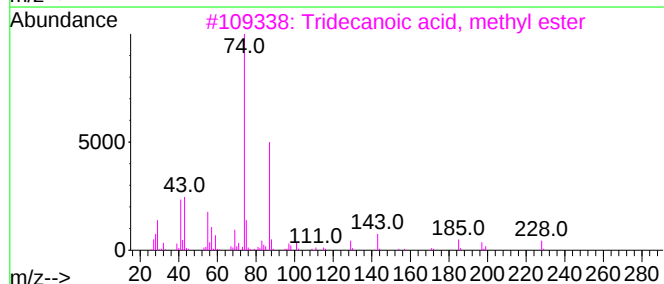
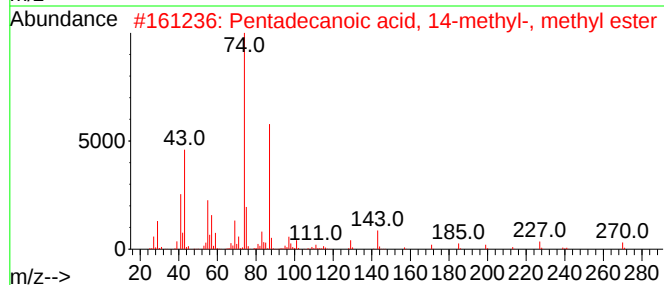
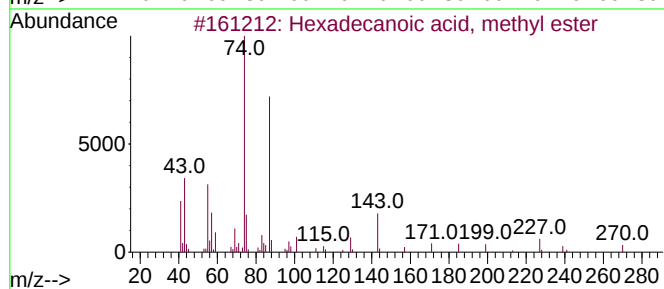
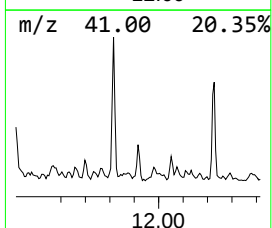
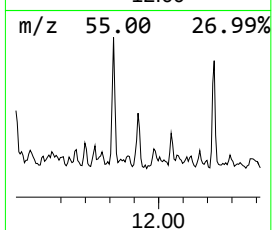
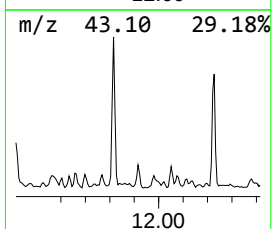
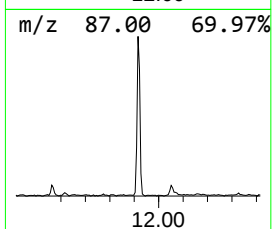
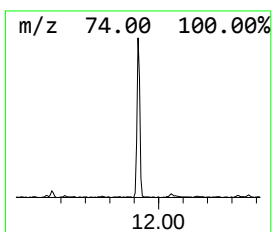
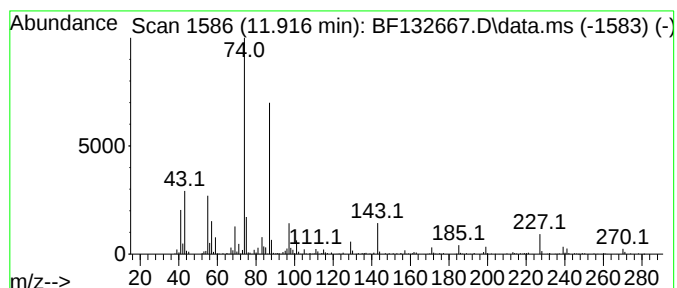
Instrument :
BNA_F
ClientSampleId :
HR-3-03032023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	5.86 ng	333120	Phenanthrene-d10		11.545	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester		270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...		270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester		228	C14H28O2	001731-88-0	83
4	Methyl 13-methyltetradecanoate		256	C16H32O2	1000424-50-7	80
5	Methyl tetradecanoate		242	C15H30O2	000124-10-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132667.D
Acq On : 07 Mar 2023 00:57
Operator : CG\JU
Sample : 01820-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-3-03032023

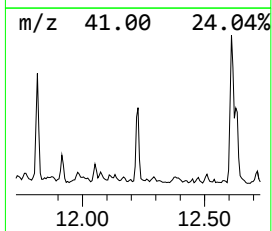
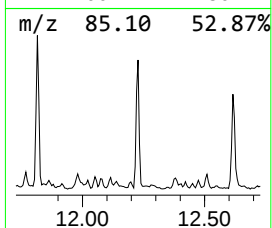
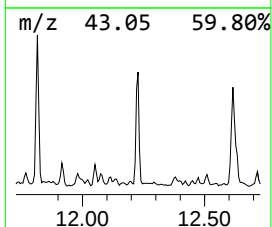
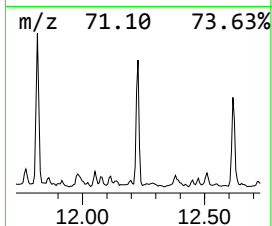
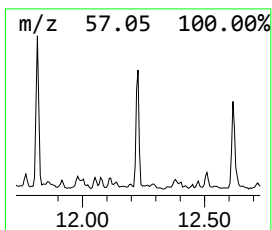
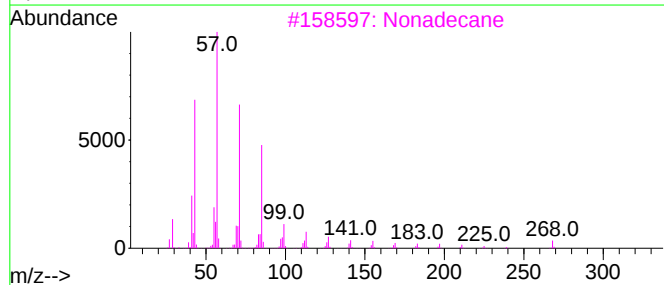
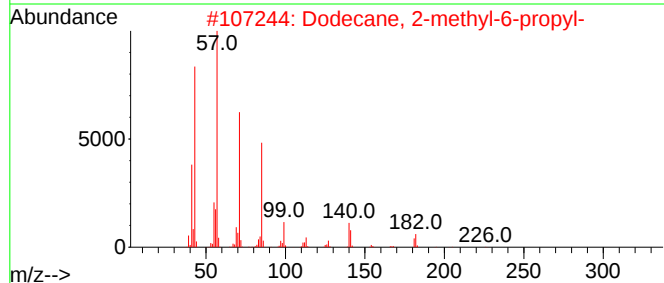
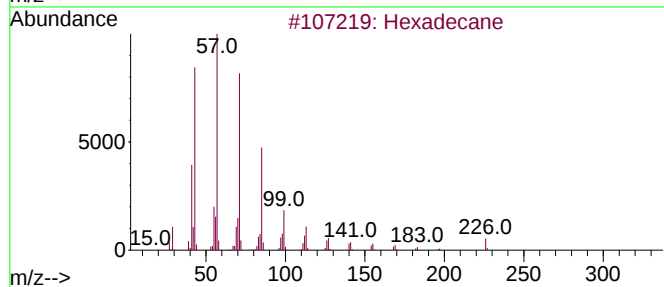
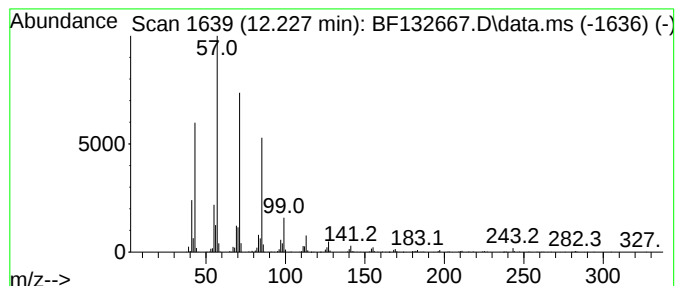
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	13.90 ng	790937	Phenanthrene-d10	11.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132667.D
Acq On : 07 Mar 2023 00:57
Operator : CG\JU
Sample : 01820-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

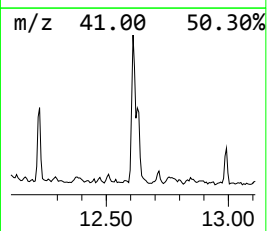
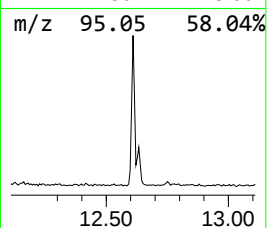
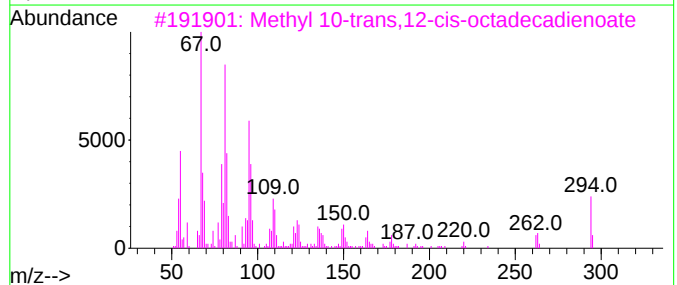
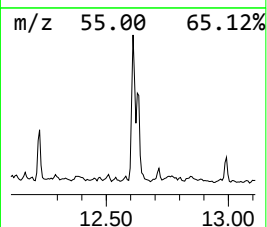
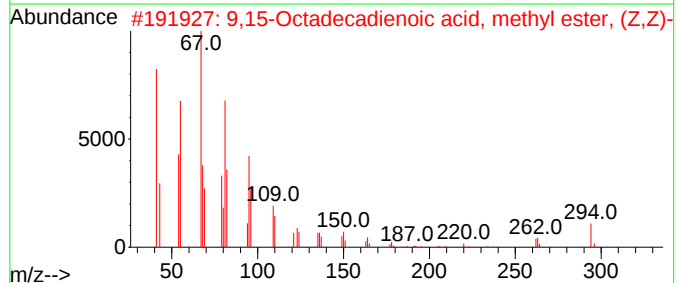
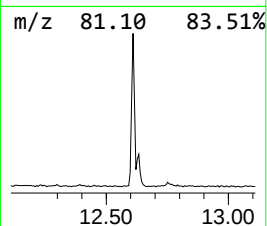
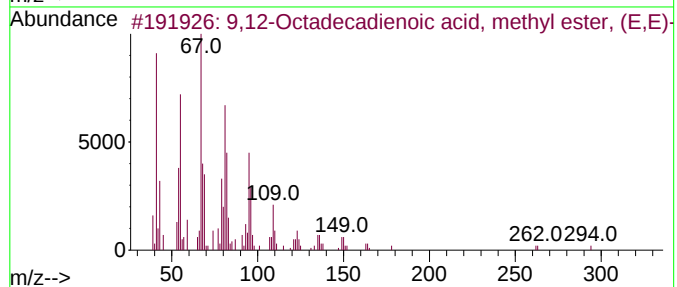
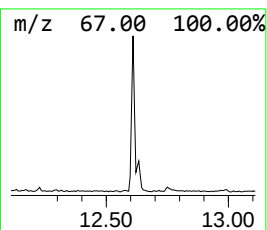
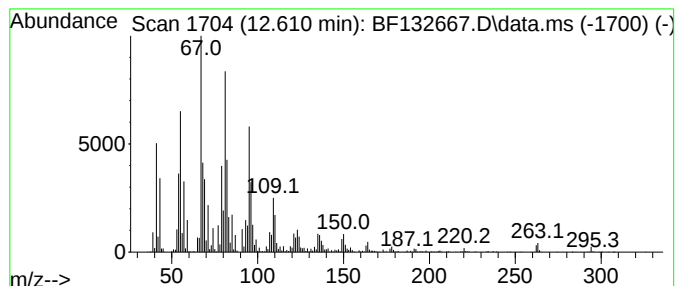
Instrument :
BNA_F
ClientSampleId :
HR-3-03032023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	37.90 ng	2155970	Phenanthrene-d10	11.545
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
2		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6 99
3		Methyl 10-trans,12-cis-octadecad...	294 C19H34O2	1000336-44-2 98
4		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 98
5		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2 97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132667.D
Acq On : 07 Mar 2023 00:57
Operator : CG\JU
Sample : 01820-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

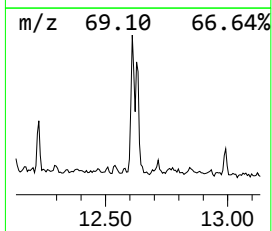
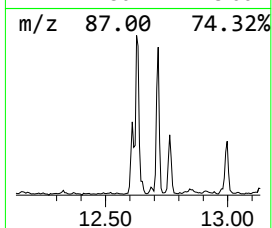
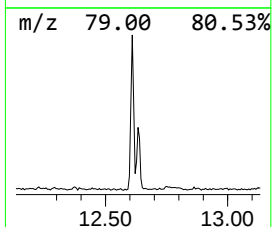
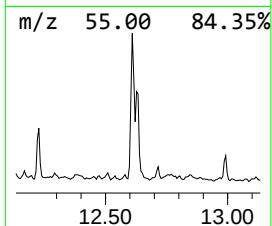
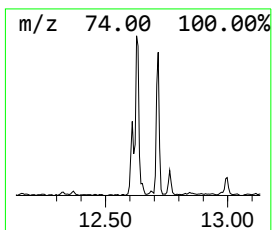
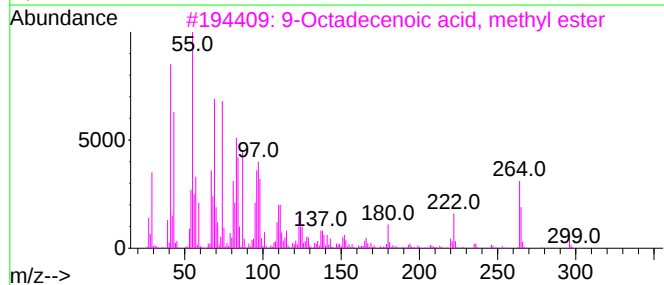
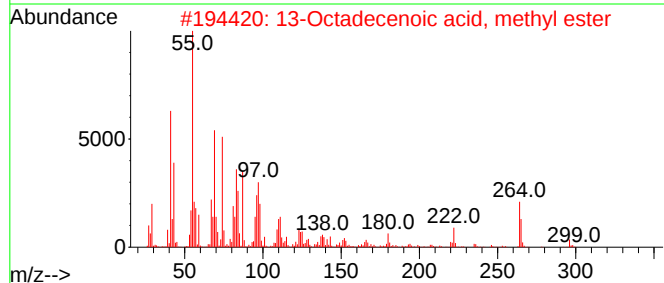
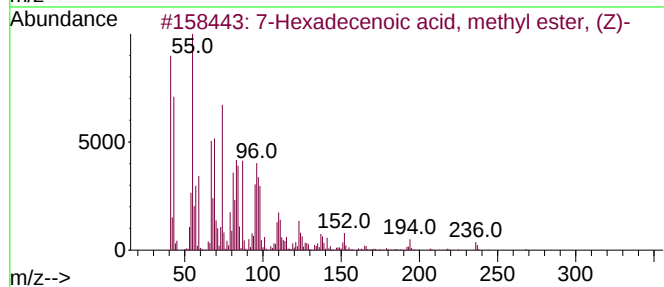
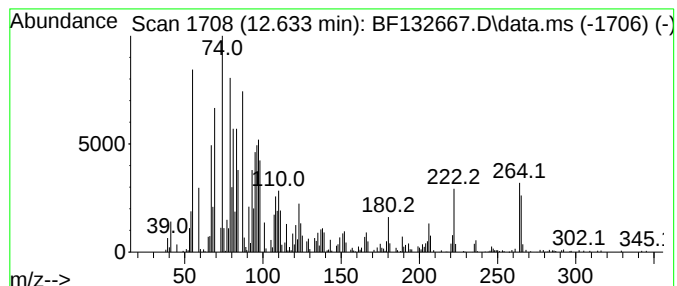
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 7-Hexadecenoic acid, methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.633	17.21 ng	979270	Phenanthrene-d10	11.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	93
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	64
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	62
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	58
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132667.D
Acq On : 07 Mar 2023 00:57
Operator : CG\JU
Sample : 01820-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-3-03032023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.222	13.9	ng	744876	1	6.998	1070840	20.0
Naphthalene, 1,...	9.104	6.1	ng	453181	2	8.286	1490840	20.0
Benzene, 4-(2-b...	9.228	6.6	ng	360789	3	10.045	1087940	20.0
Dodecane, 2,7,1...	9.292	6.3	ng	341490	3	10.045	1087940	20.0
Hexadecane	9.428	15.9	ng	865638	3	10.045	1087940	20.0
Naphthalene, 1,...	9.510	5.7	ng	309178	3	10.045	1087940	20.0
unknown9.680	9.680	7.3	ng	396176	3	10.045	1087940	20.0
Nonadecane	9.751	14.0	ng	762755	3	10.045	1087940	20.0
Pentadecane	9.957	18.7	ng	1017100	3	10.045	1087940	20.0
Dodecane	10.280	7.6	ng	411445	3	10.045	1087940	20.0
Heptadecane	10.463	21.7	ng	1182720	3	10.045	1087940	20.0
Undecane	10.680	13.1	ng	711287	3	10.045	1087940	20.0
Decane, 2,3,5-t...	10.939	28.3	ng	1608700	4	11.545	1137710	20.0
Dodecane, 1-iodo-	11.386	18.3	ng	1040470	4	11.545	1137710	20.0
Tridecane	11.416	6.3	ng	359757	4	11.545	1137710	20.0
Heneicosane	11.816	15.6	ng	886477	4	11.545	1137710	20.0
Hexadecanoic ac...	11.916	5.9	ng	333120	4	11.545	1137710	20.0
Dodecane, 2-met...	12.227	13.9	ng	790937	4	11.545	1137710	20.0
9,12-Octadecadi...	12.610	37.9	ng	2155970	4	11.545	1137710	20.0
7-Hexadecenoic ...	12.633	17.2	ng	979270	4	11.545	1137710	20.0