

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124157.D
 Acq On : 7 Jun 2021 15:09
 Operator : JU/CG
 Sample : M2583-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 39-41

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: BF124157.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	12	rVB	1314245	1678903	20.66%	1.850%
2	3.334	205	212	217	rBV3	61603	120199	1.48%	0.132%
3	3.851	295	300	305	rBV	53797	99472	1.22%	0.110%
4	3.922	308	312	316	rVB2	65728	94710	1.17%	0.104%
5	4.969	479	490	491	rBV3	70855	162221	2.00%	0.179%
6	5.110	511	514	517	rBV3	79598	111846	1.38%	0.123%
7	5.498	577	580	584	rBV2	710971	1167399	14.37%	1.286%
8	5.534	584	586	587	rVB	720299	501464	6.17%	0.552%
9	5.710	596	616	618	rBV5	277779	1083131	13.33%	1.193%
10	5.910	631	650	651	rBV3	327402	1408524	17.34%	1.552%
11	6.110	670	684	685	rBV2	511779	1830828	22.53%	2.017%
12	6.134	686	688	690	rVB	851218	610562	7.51%	0.673%
13	6.210	690	701	702	rBV4	593411	1214186	14.94%	1.338%
14	6.463	739	744	746	rBV2	79339	112745	1.39%	0.124%
15	6.486	746	748	751	rVB	117475	83863	1.03%	0.092%
16	6.563	751	761	769	rBV	1764751	3172195	39.04%	3.495%
17	6.639	769	774	775	rBV4	71335	86555	1.07%	0.095%
18	6.686	777	782	789	rVB3	173291	321018	3.95%	0.354%
19	6.863	809	812	816	rVB	368979	339935	4.18%	0.375%
20	6.986	829	833	838	rVB	917342	926406	11.40%	1.021%
21	7.110	848	854	856	rBV2	85266	95934	1.18%	0.106%
22	7.192	862	868	871	rBV5	64203	125035	1.54%	0.138%
23	7.310	879	888	893	rBV	2187613	3917524	48.22%	4.316%
24	7.433	904	909	912	rVB	825157	1016215	12.51%	1.120%
25	7.486	914	918	922	rBV	1063789	1106588	13.62%	1.219%
26	7.522	922	924	927	rVB4	91441	96992	1.19%	0.107%
27	7.586	929	935	936	rBV2	451091	478151	5.89%	0.527%
28	7.681	946	951	953	rBV2	1000192	1448392	17.83%	1.596%
29	7.704	953	955	959	rVB	1111030	992845	12.22%	1.094%
30	7.786	965	969	972	rBV4	303338	569255	7.01%	0.627%
31	7.880	983	985	987	rBV2	374747	327930	4.04%	0.361%
32	8.210	1037	1041	1043	rVB	2725144	2665520	32.81%	2.937%
33	8.228	1043	1044	1057	rVB9	572675	1101451	13.56%	1.213%
34	8.333	1059	1062	1064	rBV	354909	465326	5.73%	0.513%
35	8.410	1069	1075	1077	rBV3	2185849	3636347	44.76%	4.006%
36	8.451	1077	1082	1083	rBV	2649429	3862708	47.54%	4.256%

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37	9.186	1205	1207	1210	rVB3	888396	922783	11.36%	1.017%
38	9.233	1210	1215	1222	rVB4	3840963	8023864	98.76%	8.840%
39	9.286	1222	1224	1229	rVB2	595283	755743	9.30%	0.833%
40	9.363	1229	1237	1238	rBV2	1933182	3722983	45.82%	4.102%

41	9.410	1238	1245	1251	rVB	3788370	8124713	100.00%	8.951%
42	9.469	1251	1255	1256	rBV2	351013	319152	3.93%	0.352%
43	9.486	1256	1258	1260	rVB2	330024	235679	2.90%	0.260%
44	9.516	1260	1263	1264	rBV3	211133	177893	2.19%	0.196%
45	9.539	1264	1267	1269	rVB3	529862	518849	6.39%	0.572%

46	9.563	1269	1271	1276	rVB2	784537	863458	10.63%	0.951%
47	9.610	1276	1279	1283	rVB	329078	269399	3.32%	0.297%
48	9.651	1283	1286	1287	rBV	366523	340680	4.19%	0.375%
49	9.669	1287	1289	1294	rVB3	265800	256620	3.16%	0.283%
50	9.798	1298	1311	1314	rBV4	1751321	5342507	65.76%	5.886%

51	9.822	1314	1315	1317	rVB2	231624	133089	1.64%	0.147%
52	9.874	1321	1324	1327	rBV3	131836	155208	1.91%	0.171%
53	9.922	1328	1332	1336	rBV2	366902	710317	8.74%	0.783%
54	9.957	1336	1338	1341	rVB3	174277	130057	1.60%	0.143%
55	9.986	1341	1343	1345	rBV	228505	197464	2.43%	0.218%

56	10.010	1345	1347	1348	rVV	207097	154433	1.90%	0.170%
57	10.027	1348	1350	1354	rVB2	505917	464262	5.71%	0.511%
58	10.133	1362	1368	1373	rVB7	93962	211074	2.60%	0.233%
59	10.210	1373	1381	1383	rBV	1000171	1800768	22.16%	1.984%
60	10.345	1397	1404	1407	rBV7	210710	408702	5.03%	0.450%

61	10.404	1411	1414	1419	rVV3	137680	174509	2.15%	0.192%
62	10.451	1419	1422	1427	rVB5	128504	197752	2.43%	0.218%
63	10.510	1427	1432	1435	rBV7	71507	127584	1.57%	0.141%
64	10.633	1450	1453	1455	rBV4	74447	94251	1.16%	0.104%
65	10.657	1455	1457	1463	rVB3	119370	154236	1.90%	0.170%

66	10.721	1463	1468	1473	rVB	595717	690849	8.50%	0.761%
67	10.763	1473	1475	1479	rBV3	62103	93291	1.15%	0.103%
68	10.839	1479	1488	1491	rBV	1169550	2099804	25.84%	2.313%
69	10.886	1493	1496	1502	rVV	297225	368316	4.53%	0.406%
70	10.957	1505	1508	1511	rBV	393272	347890	4.28%	0.383%

71	11.021	1517	1519	1523	rVB2	122785	115649	1.42%	0.127%
72	11.098	1524	1532	1535	rBV3	650044	786374	9.68%	0.866%
73	11.304	1564	1567	1570	rVB	348335	298782	3.68%	0.329%
74	11.369	1574	1578	1581	rVV	2540020	2400249	29.54%	2.644%
75	11.398	1581	1583	1589	rVV	493750	475131	5.85%	0.523%

76	11.463	1590	1594	1597	rVB	1695692	1355359	16.68%	1.493%
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77	11.516	1599	1603	1606	rBV5	114542	165454	2.04%	0.182%
78	11.551	1606	1609	1614	rVV	509290	463522	5.71%	0.511%
79	11.616	1617	1620	1623	rVB2	77703	107259	1.32%	0.118%
80	11.751	1640	1643	1646	rVB2	748672	726524	8.94%	0.800%
81	11.780	1646	1648	1650	rBV2	127277	96756	1.19%	0.107%
82	11.874	1659	1664	1670	rBV	365067	529452	6.52%	0.583%
83	11.951	1671	1677	1680	rVV	1055590	1264236	15.56%	1.393%
84	11.986	1681	1683	1686	rVB	142086	96478	1.19%	0.106%
85	12.057	1690	1695	1699	rVV	757448	1042174	12.83%	1.148%
86	12.116	1703	1705	1707	rBV2	137650	121747	1.50%	0.134%
87	12.192	1715	1718	1719	rBV	120170	99026	1.22%	0.109%
88	12.368	1745	1748	1752	rBV4	124129	166681	2.05%	0.184%
89	12.480	1764	1767	1770	rBV3	117292	135311	1.67%	0.149%
90	12.592	1783	1786	1788	rBV	161219	175485	2.16%	0.193%
91	12.663	1789	1798	1802	rVV2	776368	1299577	16.00%	1.432%
92	12.721	1805	1808	1812	rVV2	454523	426701	5.25%	0.470%
93	12.880	1832	1835	1842	rBV	411734	452208	5.57%	0.498%
94	12.980	1848	1852	1855	rBV	995494	861303	10.60%	0.949%
95	13.092	1868	1871	1877	rVB3	258408	318968	3.93%	0.351%
96	14.015	2025	2028	2030	rBV	205808	199353	2.45%	0.220%
97	14.039	2030	2032	2035	rVB	332811	242406	2.98%	0.267%
98	14.662	2135	2138	2145	rVB	291583	317415	3.91%	0.350%
99	14.886	2174	2176	2179	rBV3	109906	104585	1.29%	0.115%
100	15.521	2281	2284	2291	rVB	199763	303856	3.74%	0.335%

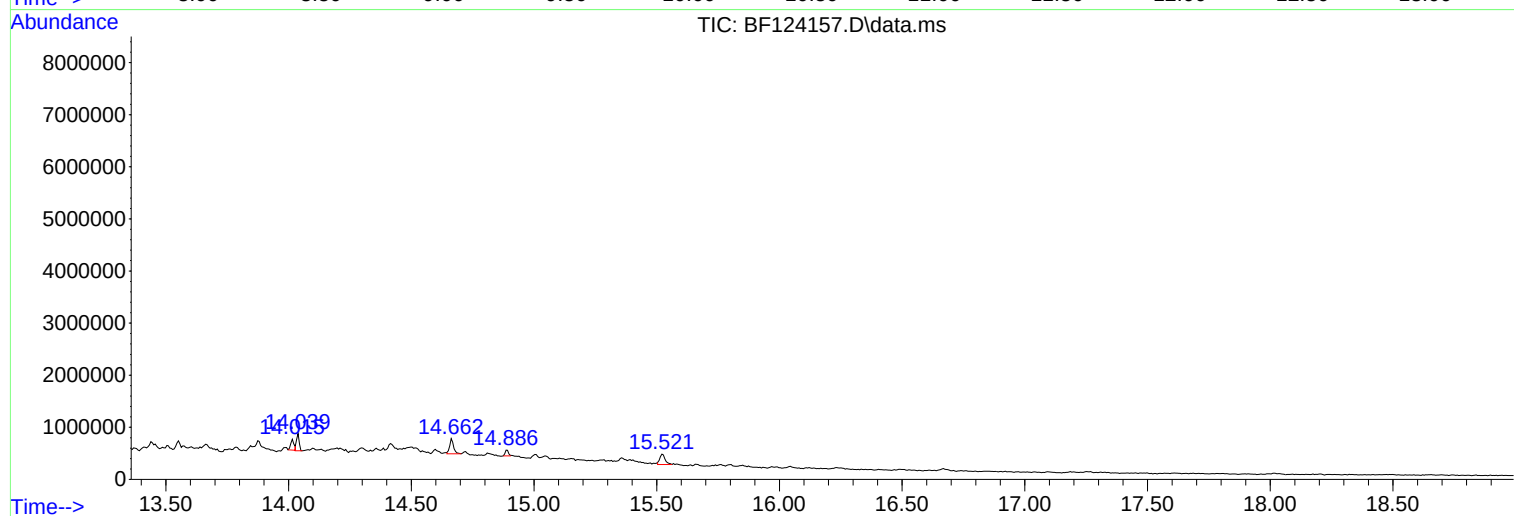
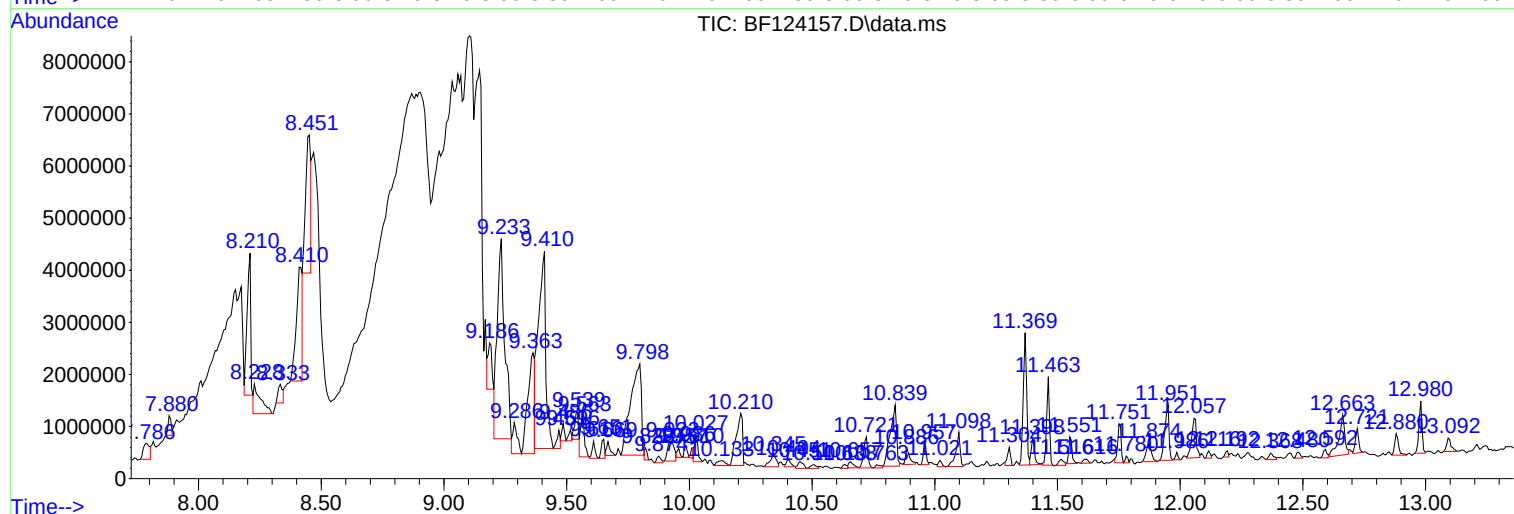
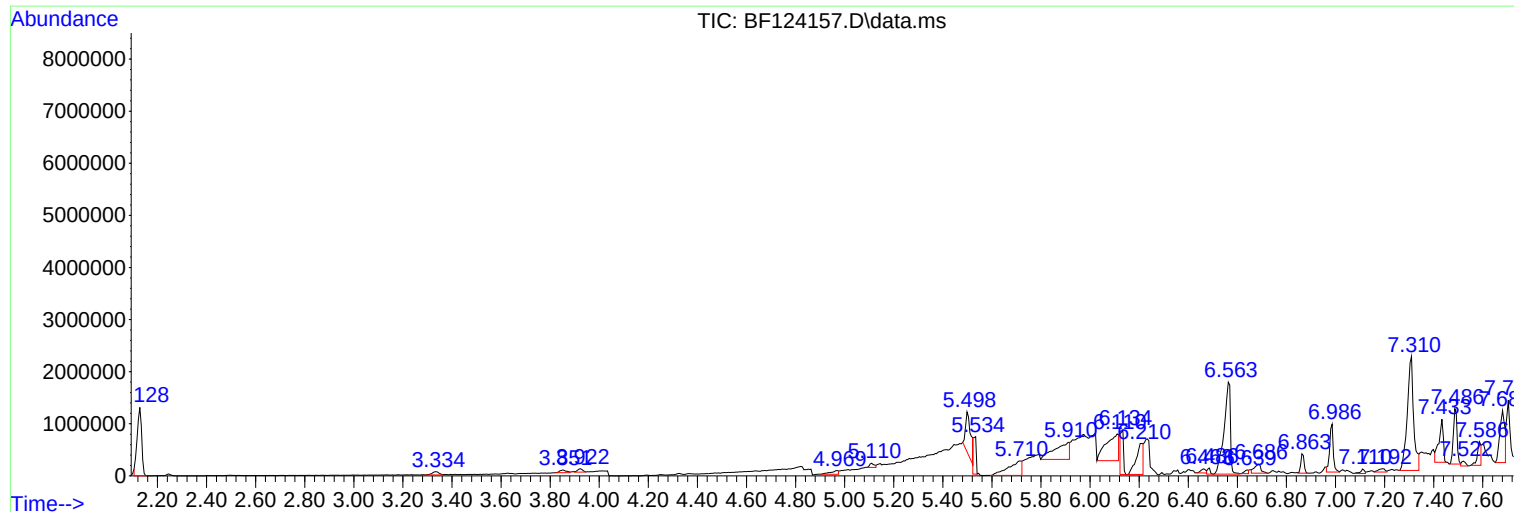
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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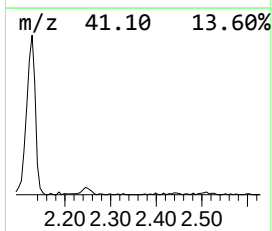
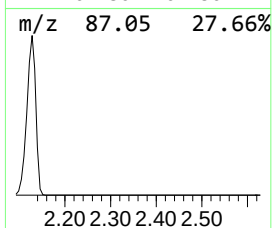
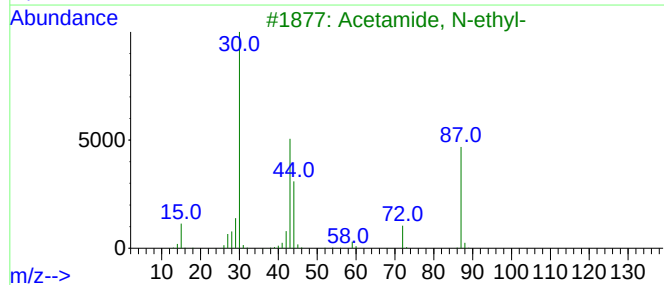
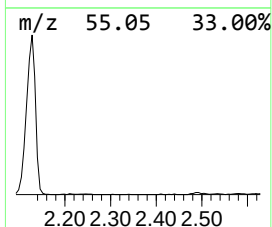
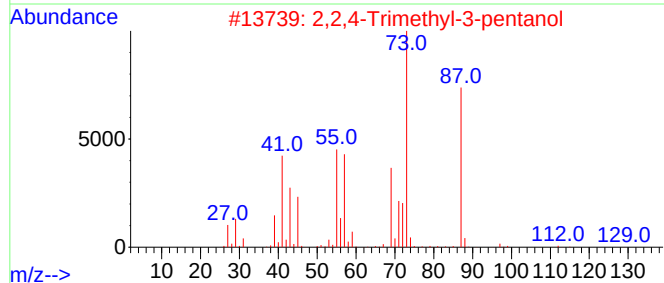
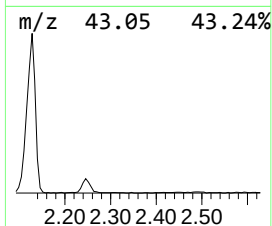
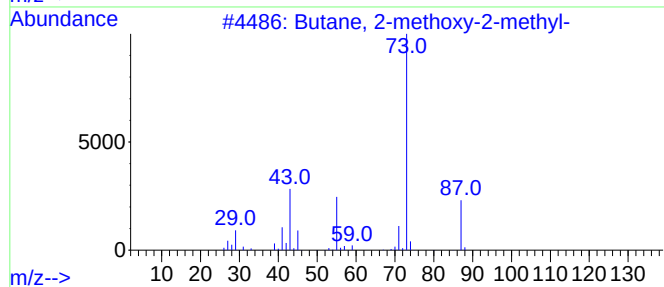
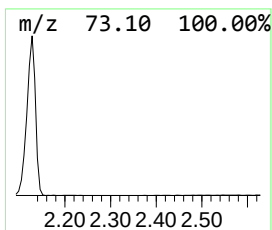
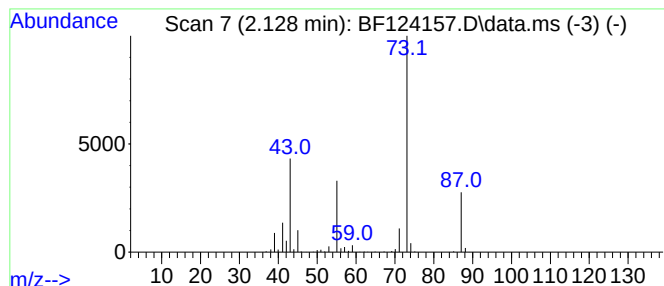
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	98.78 ng	1678900	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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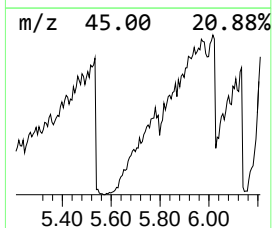
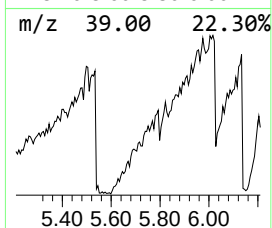
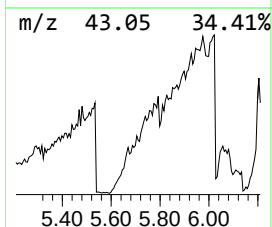
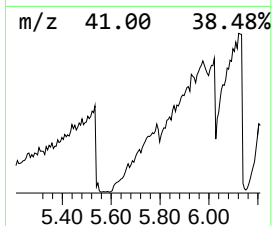
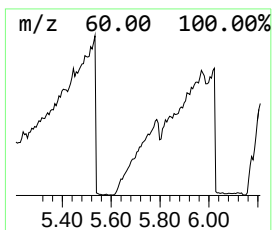
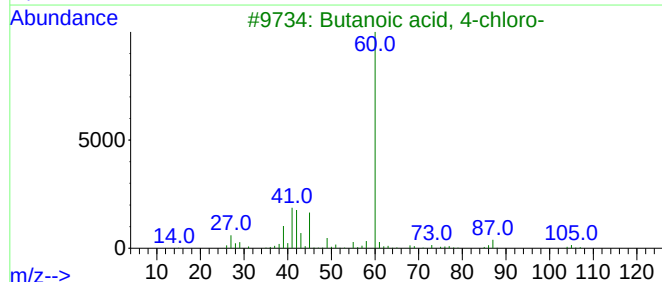
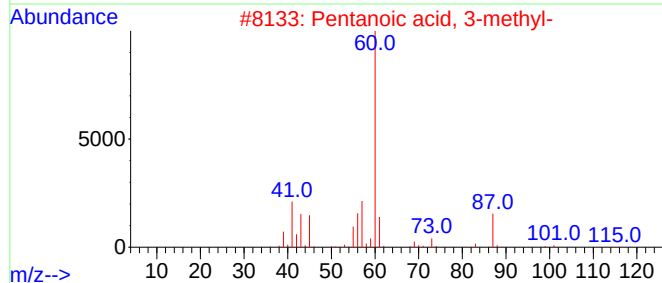
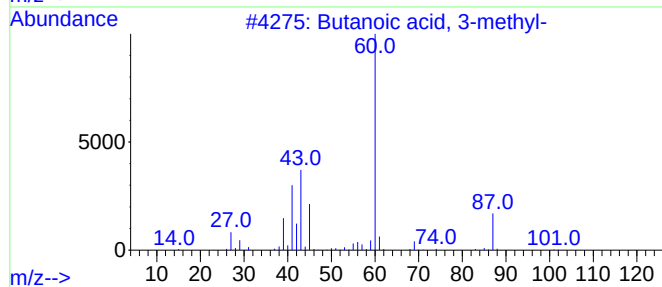
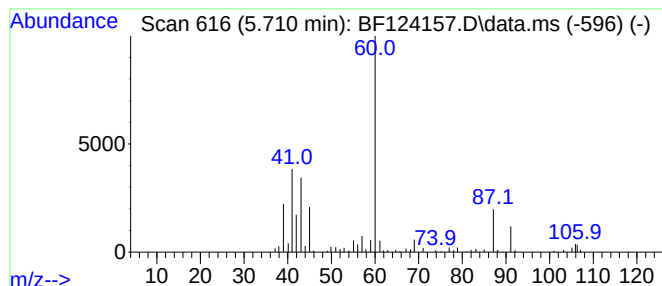
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.710	63.73 ng	1083130	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
2			Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	72
3			Butanoic acid, 4-chloro-	122	C4H7ClO2	000627-00-9	59
4			2-Amino-1,3-propanediol	91	C3H9NO2	000534-03-2	52
5			Formic acid hydrazide	60	CH4N2O	000624-84-0	47



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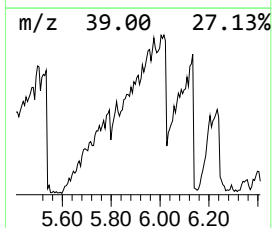
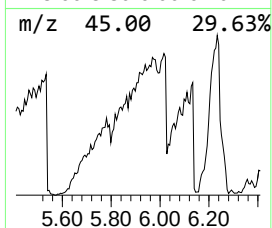
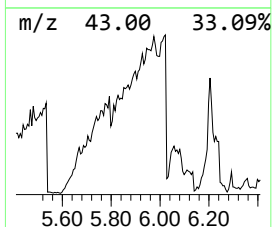
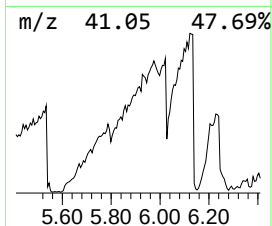
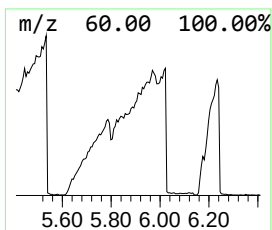
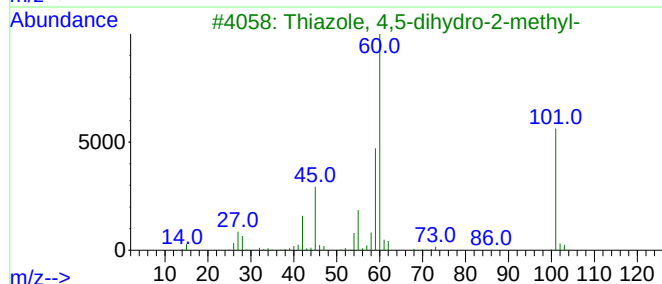
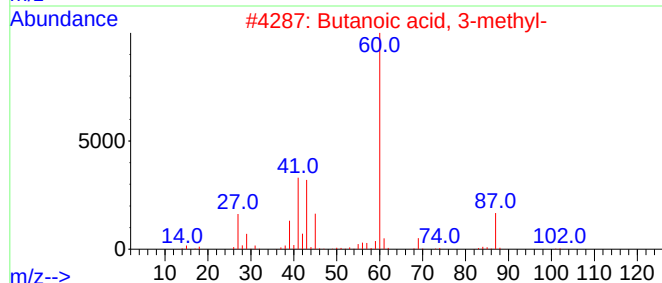
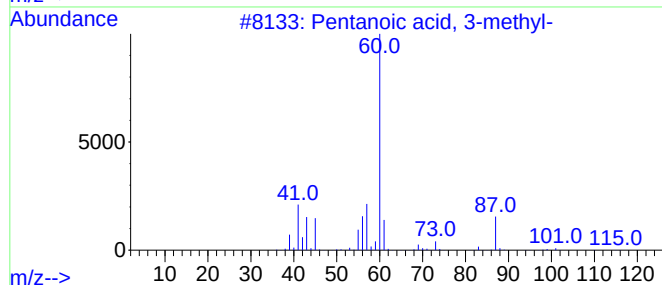
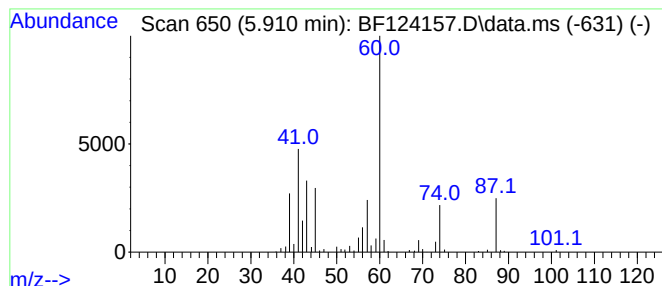
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentanoic acid, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.910	82.87 ng	1408520	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	59
2			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53
3			Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	40
4			Pentanoic acid	102	C5H10O2	000109-52-4	33
5			1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	33



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
Acq On : 7 Jun 2021 15:09
Operator : JU/CG
Sample : M2583-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

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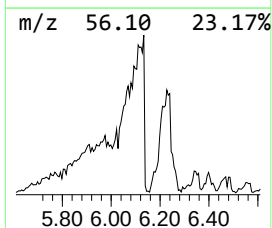
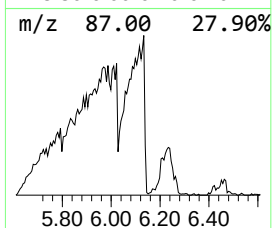
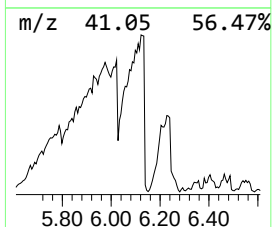
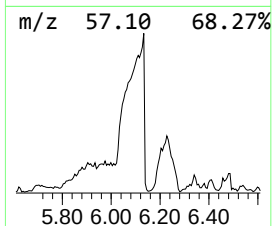
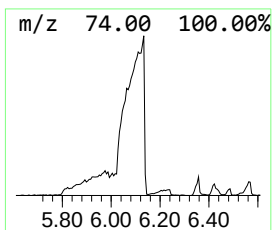
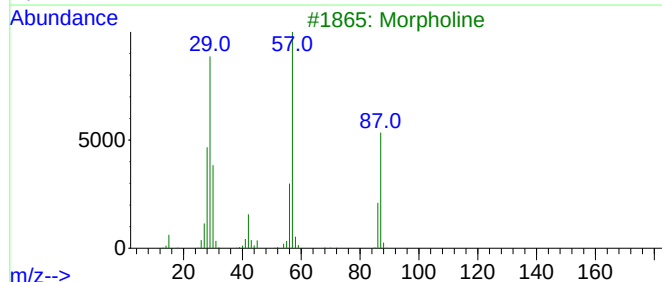
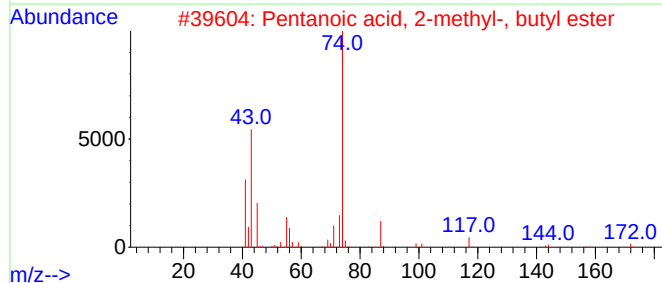
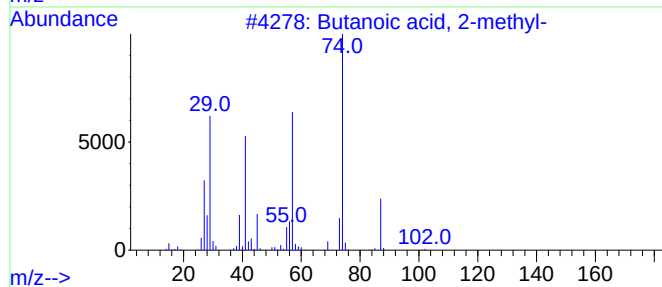
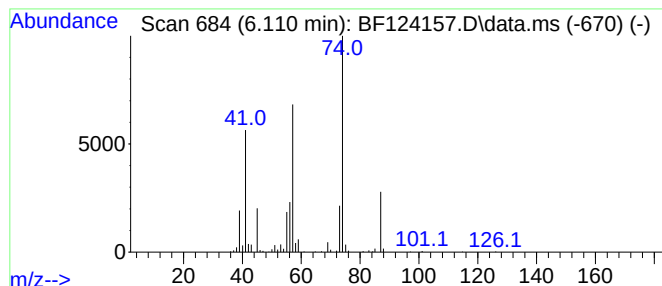
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Butanoic acid, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.110	107.72 ng	1830830	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	56
2			Pentanoic acid, 2-methyl-, butyl...	172	C10H20O2	006297-41-2	38
3			Morpholine	87	C4H9NO	000110-91-8	14
4			1,2-Butanediol, 3,3-dimethyl-	118	C6H14O2	059562-82-2	12
5			Oxirane, (butoxymethyl)-	130	C7H14O2	002426-08-6	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
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Sample : M2583-21
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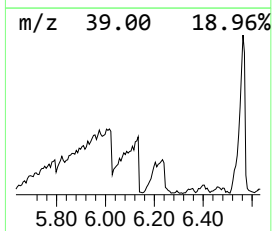
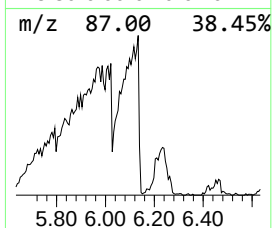
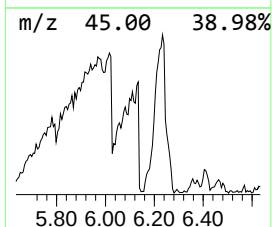
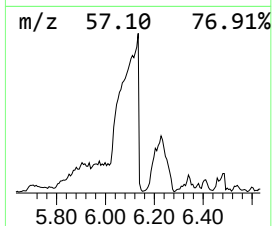
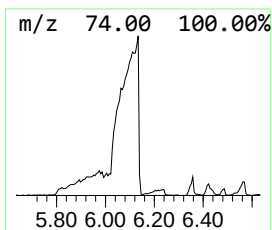
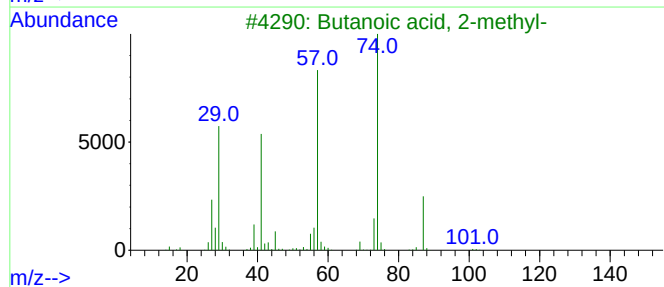
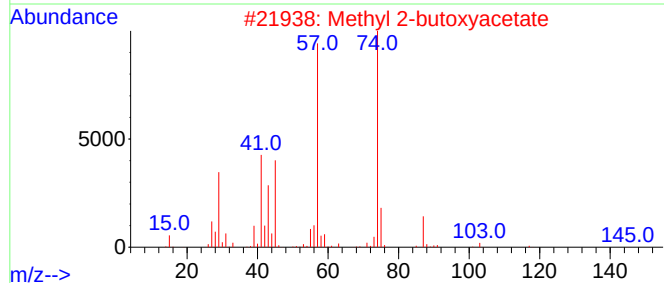
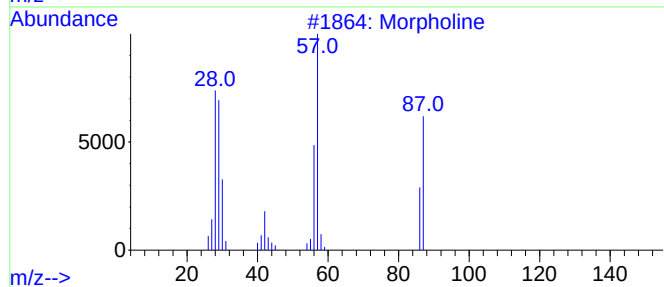
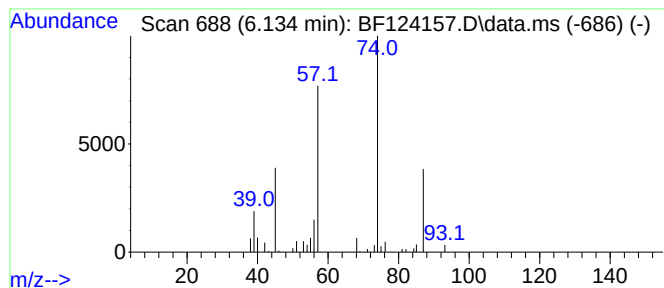
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.134 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
6.134	35.92 ng	610562	1,4-Dichlorobenzene-d4		6.869	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Morpholine		87	C4H9NO	000110-91-8	9
2	Methyl 2-butoxyacetate		146	C7H14O3	1000366-88-4	9
3	Butanoic acid, 2-methyl-		102	C5H10O2	000116-53-0	9
4	Ethanol, 2-butoxy-		118	C6H14O2	000111-76-2	9
5	Propanoic acid		74	C3H6O2	000079-09-4	7



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
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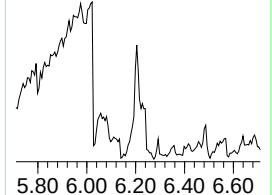
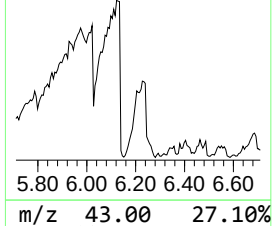
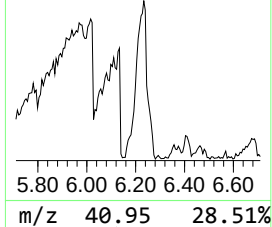
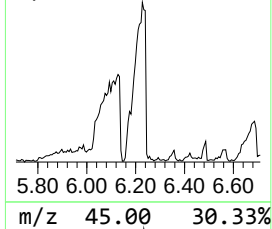
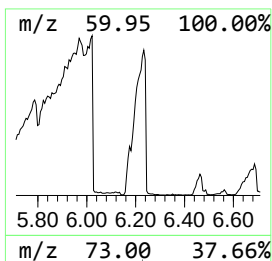
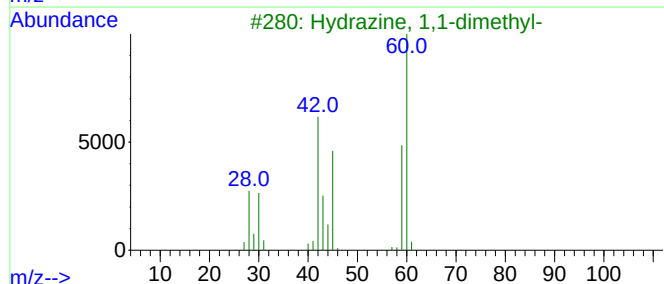
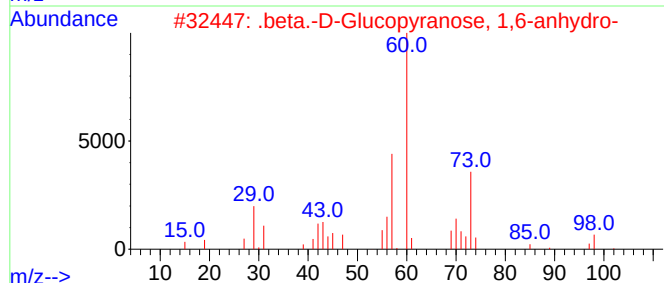
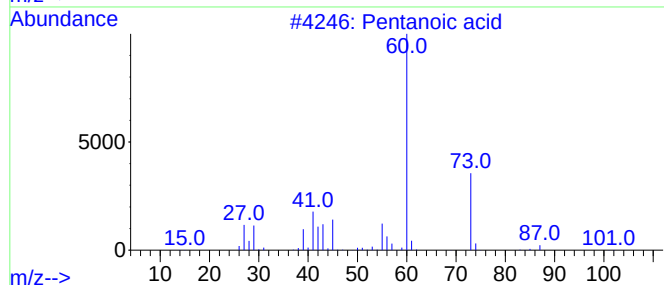
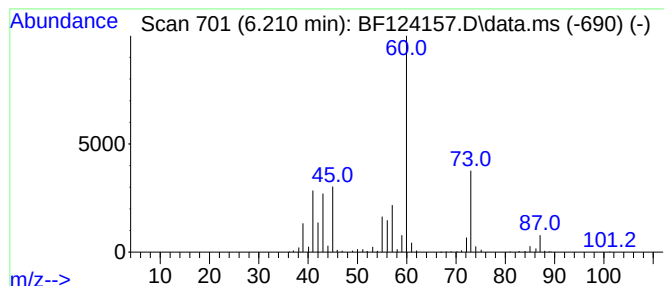
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.210	71.44 ng	1214190	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanoic acid	102	C5H10O2	000109-52-4	64
2			.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	50
3			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	50
4			Butanoic acid	88	C4H8O2	000107-92-6	45
5			Hexanoic acid	116	C6H12O2	000142-62-1	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
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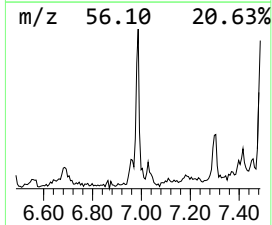
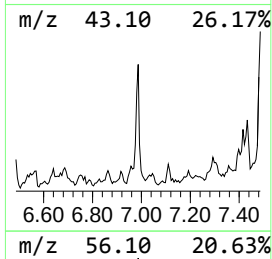
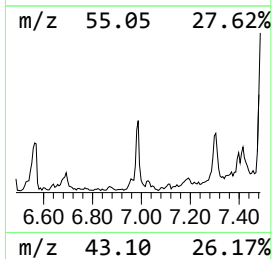
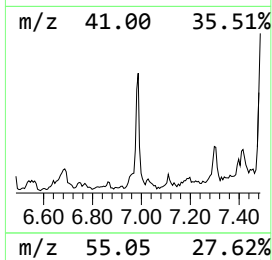
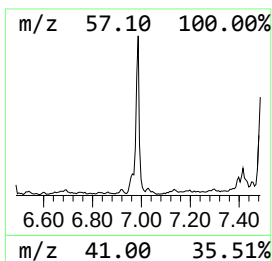
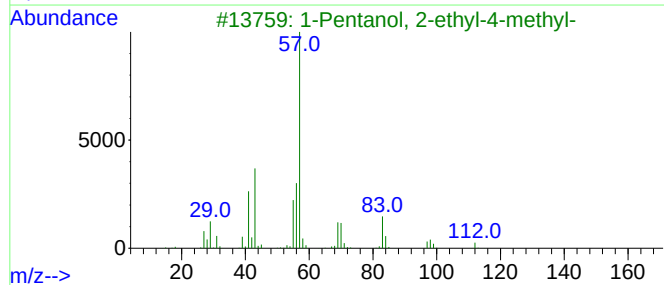
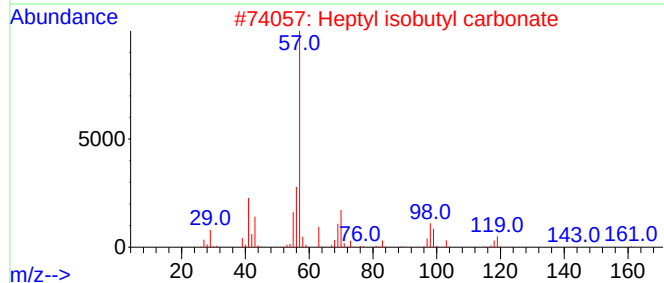
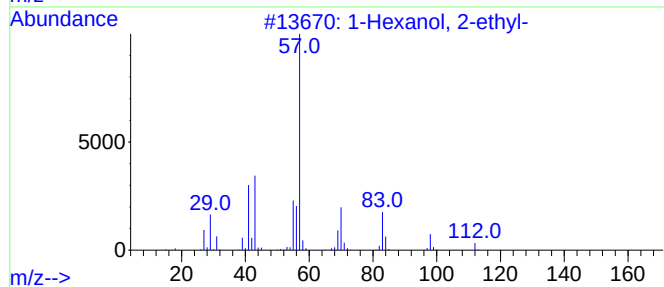
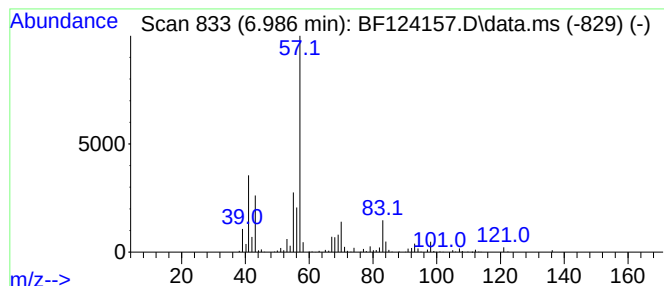
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.986	54.50 ng	926406	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
4			1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
5			Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
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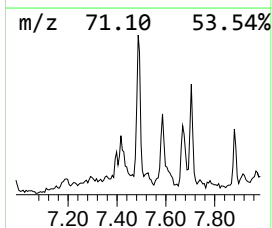
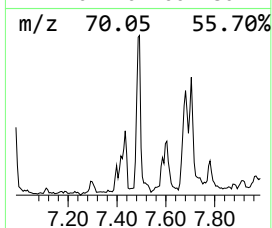
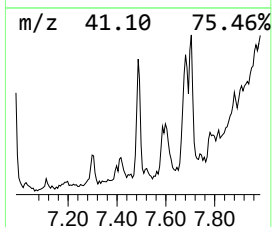
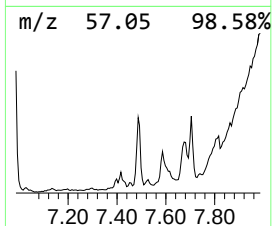
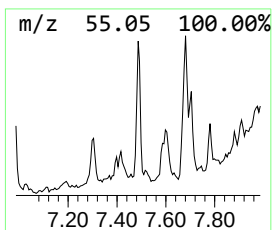
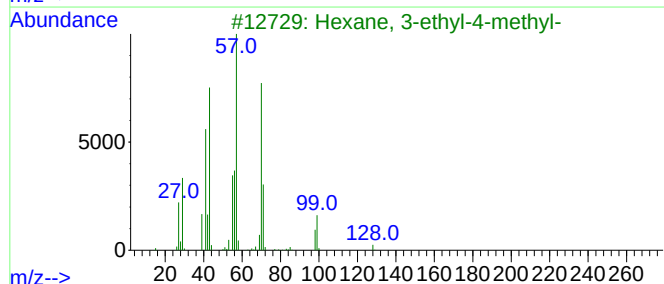
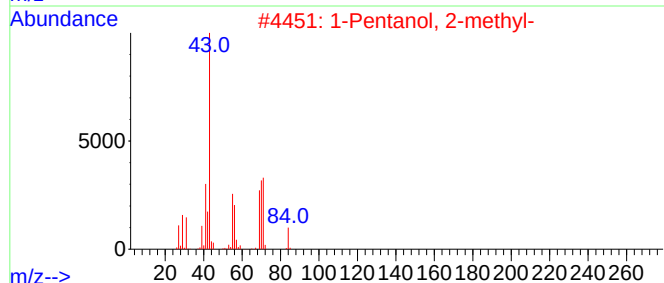
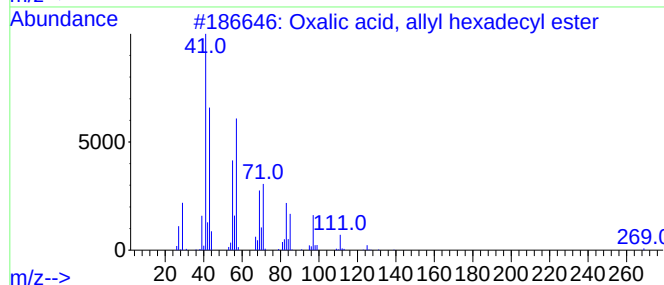
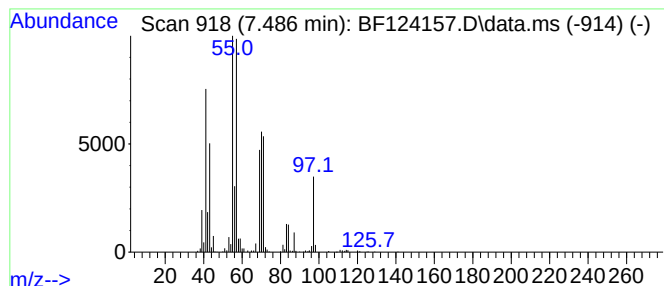
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.486 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.486	65.11 ng	1106590	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	47
2			1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	47
3			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	43
4			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	38
5			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
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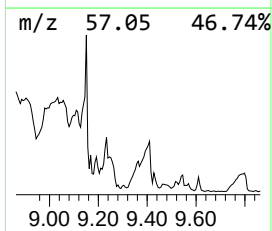
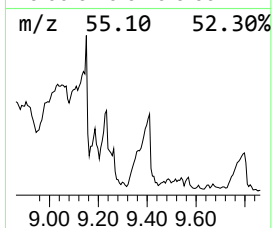
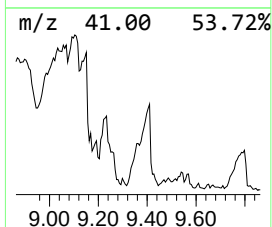
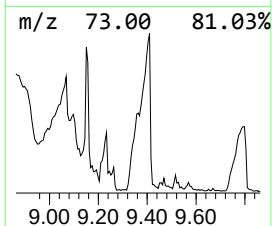
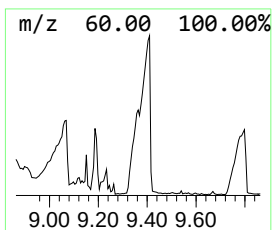
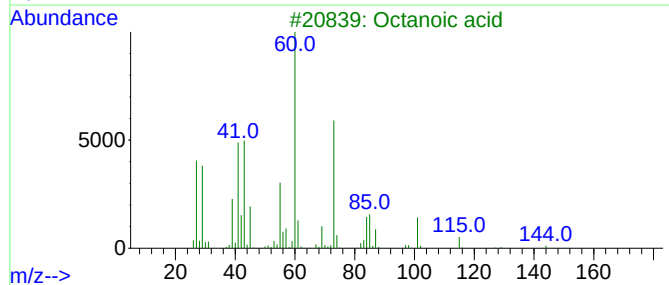
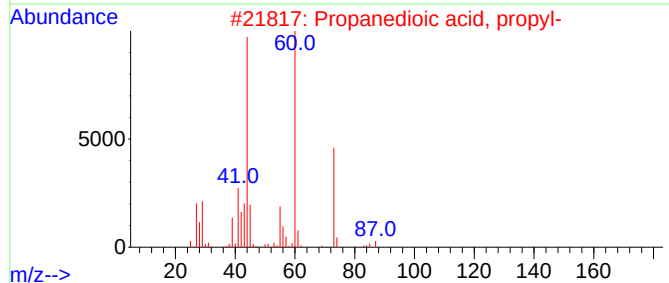
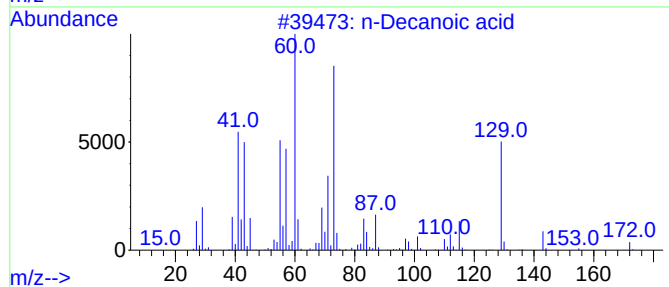
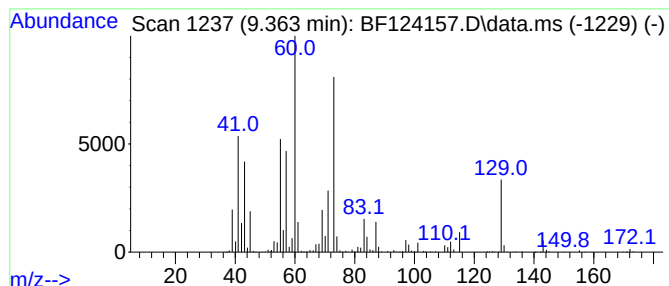
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 n-Decanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	104.83 ng	3722980	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Decanoic acid	172	C10H20O2	000334-48-5	97
2		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
3		Octanoic acid	144	C8H16O2	000124-07-2	50
4		Hexanoic acid	116	C6H12O2	000142-62-1	47
5		Nonanoic acid	158	C9H18O2	000112-05-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
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ClientSampled :
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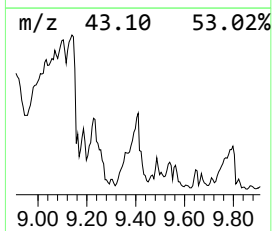
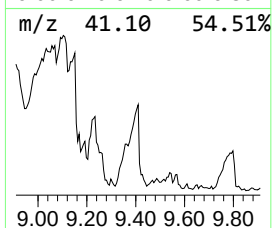
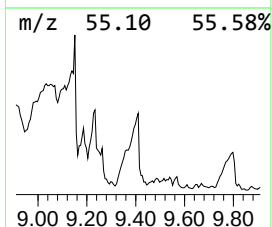
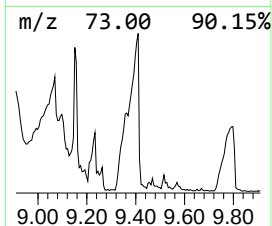
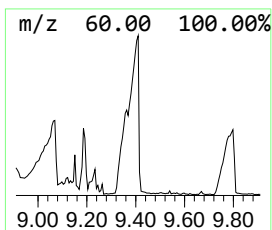
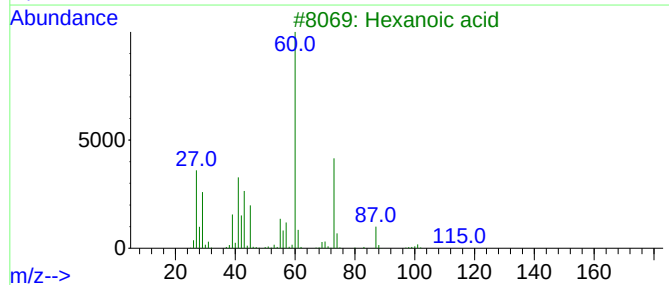
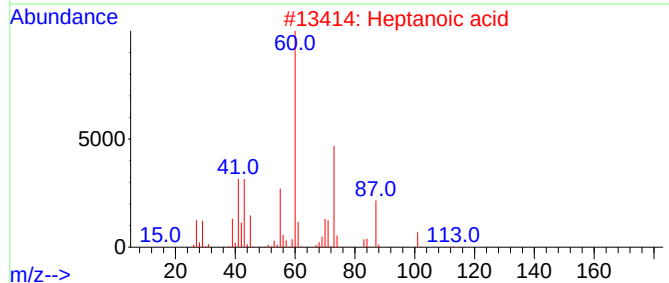
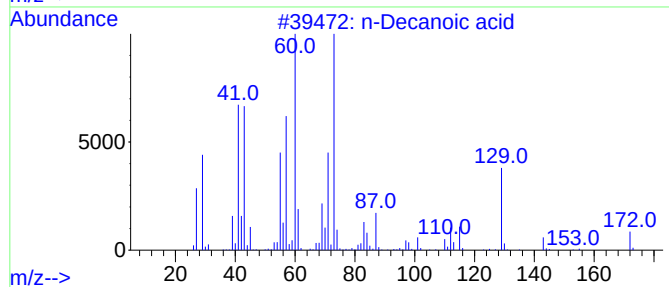
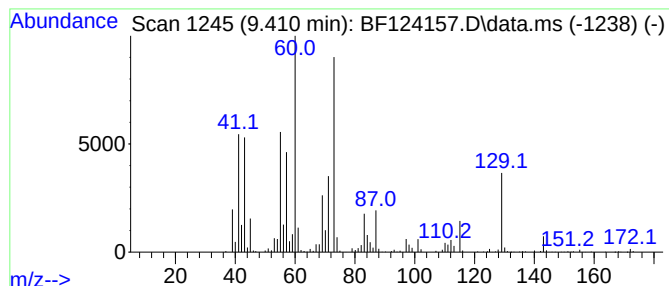
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	228.76 ng	8124710	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Decanoic acid	172	C10H20O2	000334-48-5	87
2		Heptanoic acid	130	C7H14O2	000111-14-8	53
3		Hexanoic acid	116	C6H12O2	000142-62-1	47
4		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43
5		Nonanoic acid	158	C9H18O2	000112-05-0	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
Acq On : 7 Jun 2021 15:09
Operator : JU/CG
Sample : M2583-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
39-41

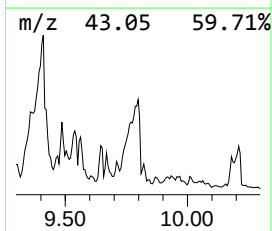
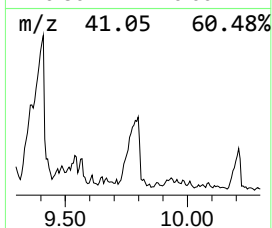
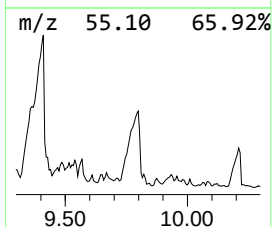
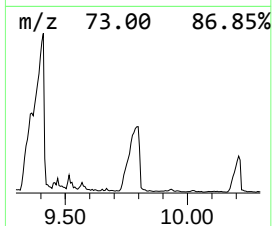
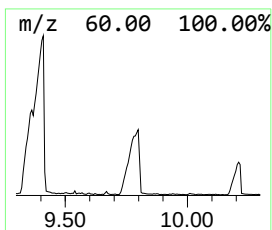
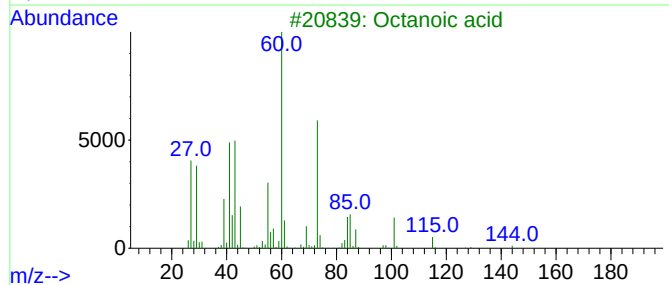
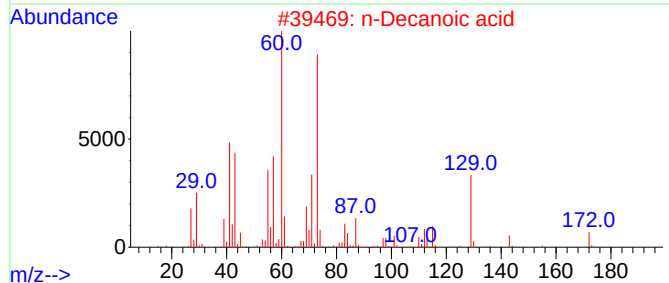
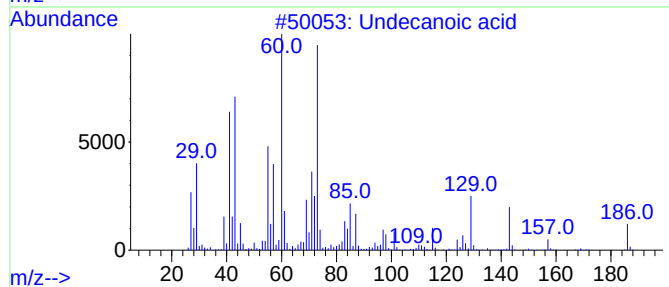
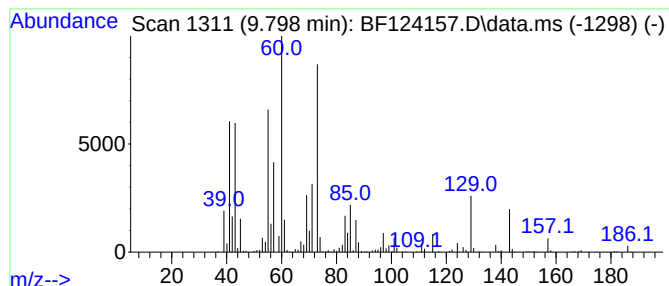
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	150.43 ng	5342510	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid	186	C11H22O2	000112-37-8	94
2			n-Decanoic acid	172	C10H20O2	000334-48-5	64
3			Octanoic acid	144	C8H16O2	000124-07-2	58
4			Nonanoic acid	158	C9H18O2	000112-05-0	47
5			Undecanoic acid, 10-bromo-	264	C11H21BrO2	018294-93-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
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Sample : M2583-21
Misc :
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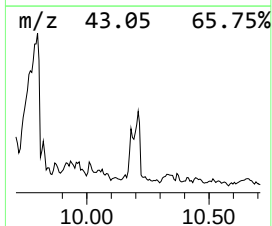
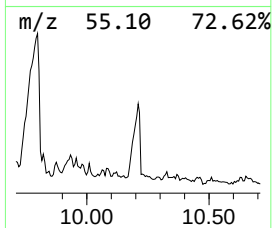
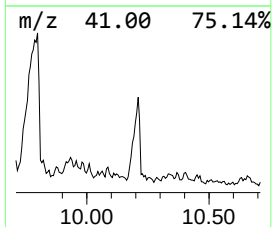
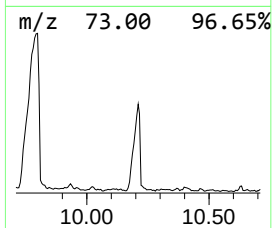
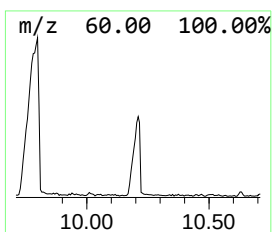
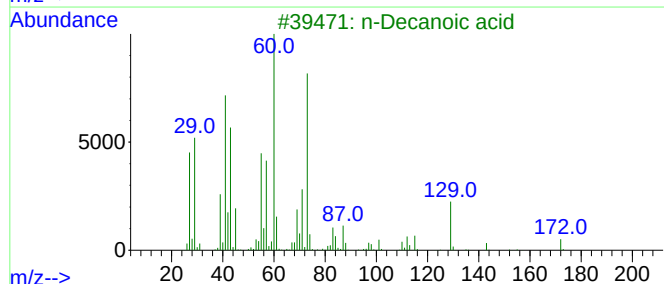
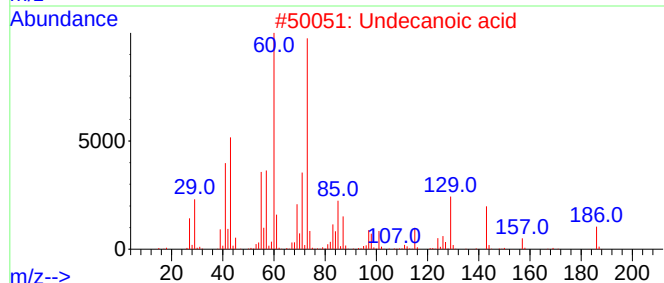
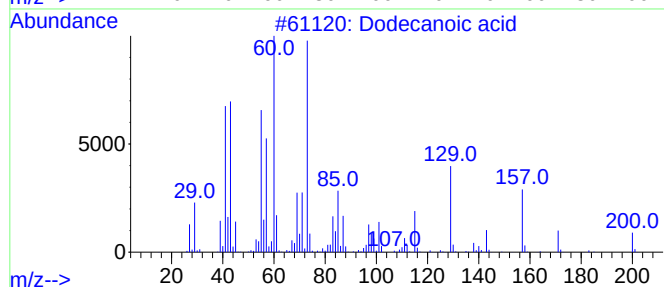
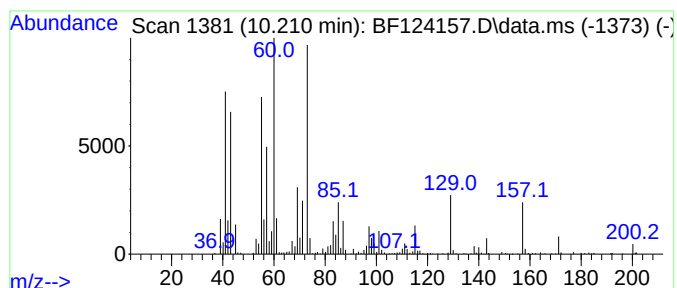
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.210	50.70 ng	1800770	Acenaphthene-d10	9.922	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Nonanoic acid	158	C9H18O2	000112-05-0	58
5	Octanoic acid	144	C8H16O2	000124-07-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
Acq On : 7 Jun 2021 15:09
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Sample : M2583-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

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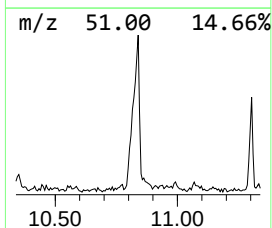
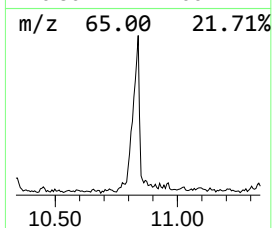
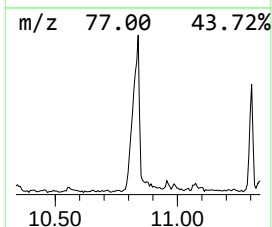
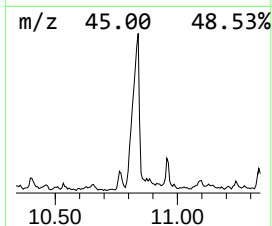
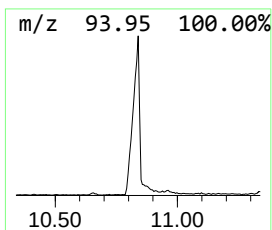
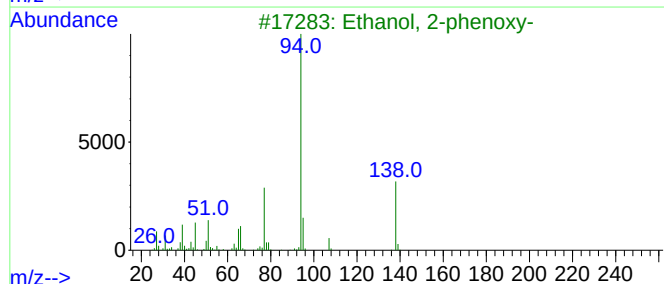
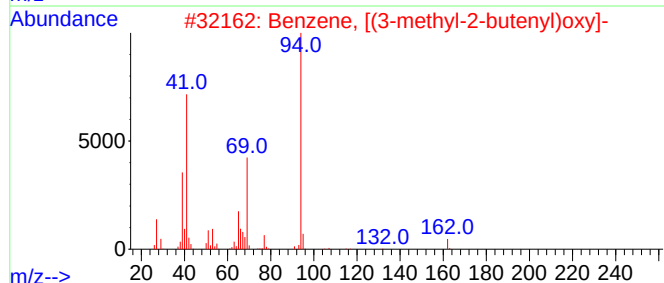
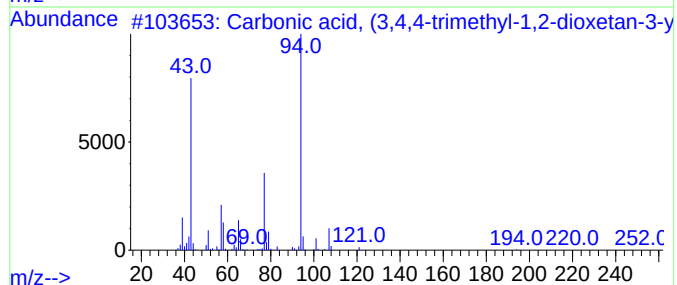
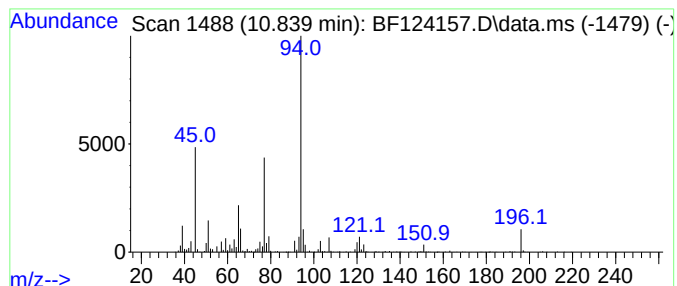
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Carbonic acid, (3,4,4-trime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	88.39 ng	2099800	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, (3,4,4-trimethyl-...	252	C13H16O5	109123-69-5	50
2			Benzene, [(3-methyl-2-butenyl)oxy]-	162	C11H14O	014309-15-0	43
3			Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	38
4			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	38
5			3-Methylpyridazine	94	C5H6N2	001632-76-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
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Instrument :
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ClientSampleId :
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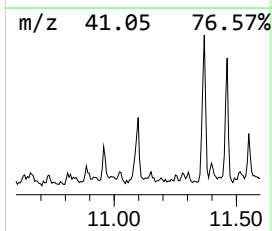
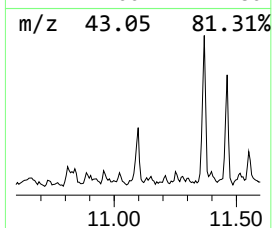
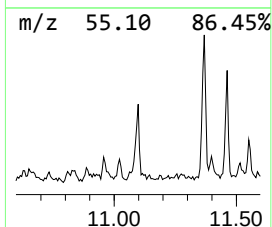
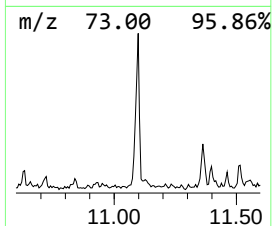
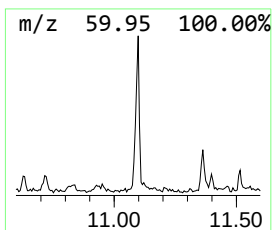
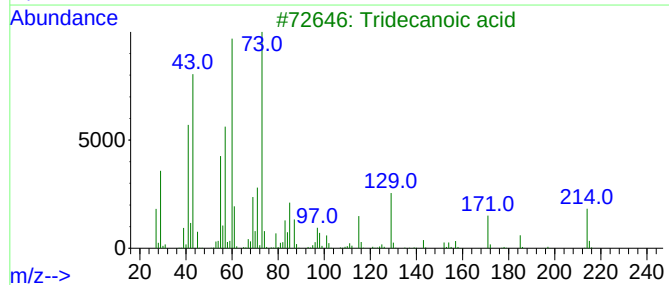
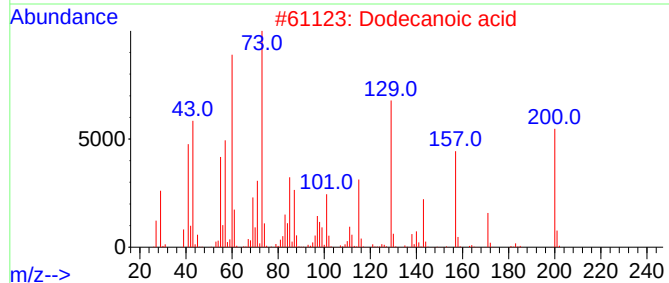
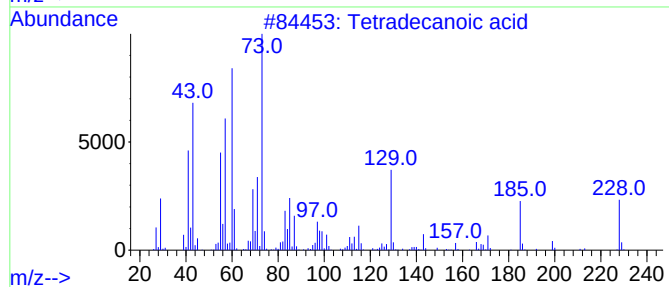
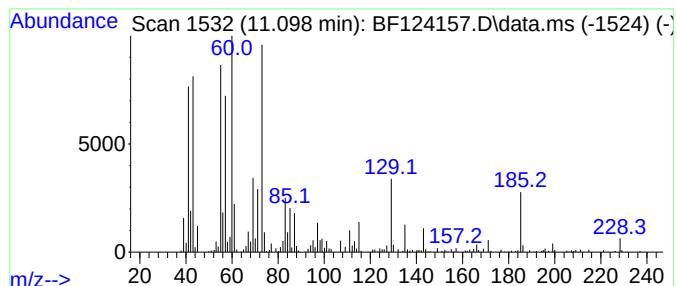
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	33.10 ng	786374	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2			Dodecanoic acid	200	C12H24O2	000143-07-7	64
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Undecanoic acid	186	C11H22O2	000112-37-8	53
5			11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
Acq On : 7 Jun 2021 15:09
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Misc :
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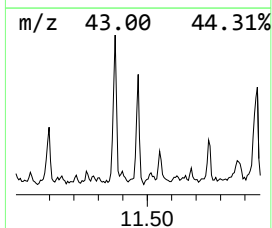
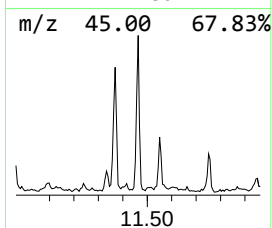
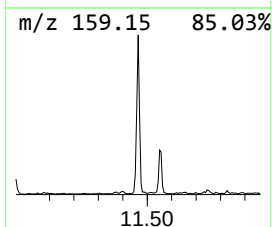
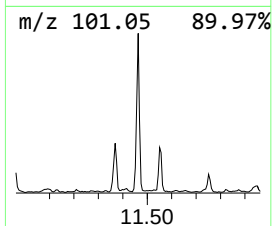
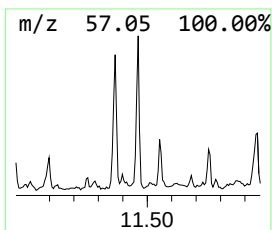
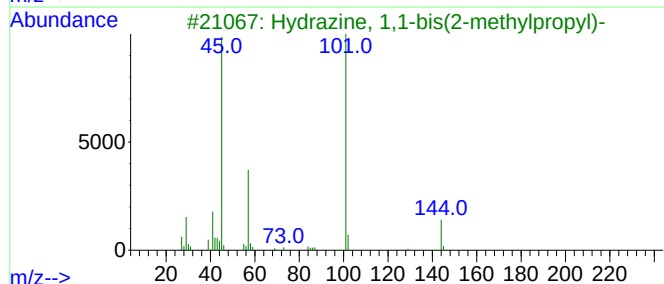
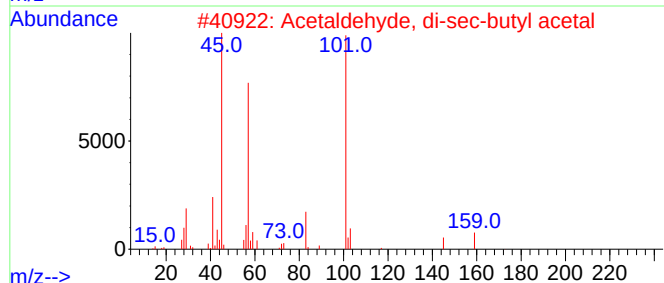
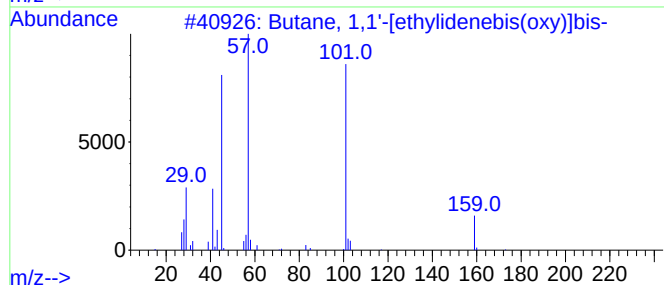
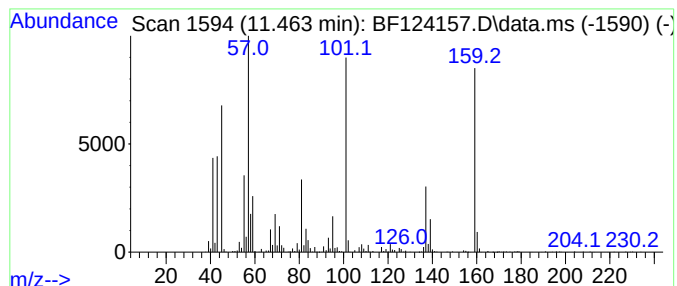
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown11.463 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.463	57.05 ng	1355360	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 1,1'-[ethylidenebis(oxy)]bis-	174	C10H22O2	000871-22-7	45
2			Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	38
3			Hydrazine, 1,1-bis(2-methylpropyl)-	144	C8H20N2	016596-38-6	27
4			Succinic acid, di(4-methoxy-2-me...	318	C16H30O6	1000330-24-5	27
5			Succinic acid, heptyl tridec-2-y...	394	C24H42O4	1000330-30-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
Acq On : 7 Jun 2021 15:09
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Misc :
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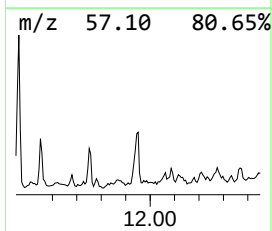
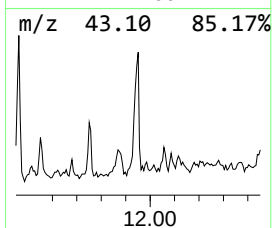
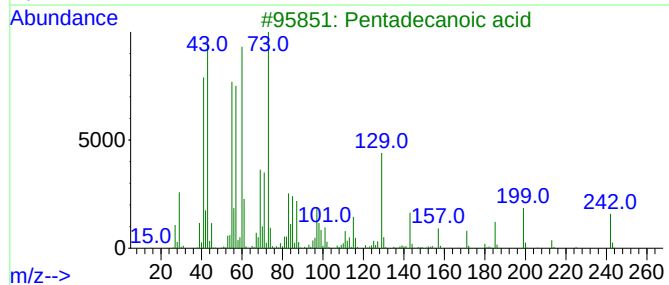
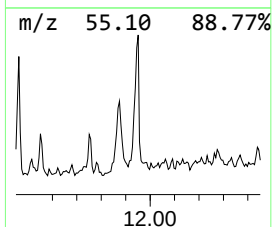
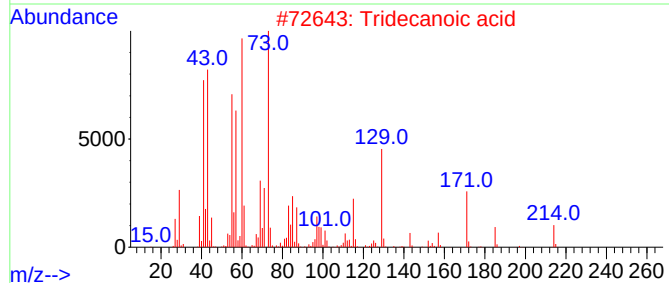
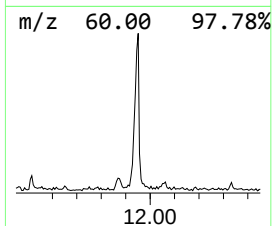
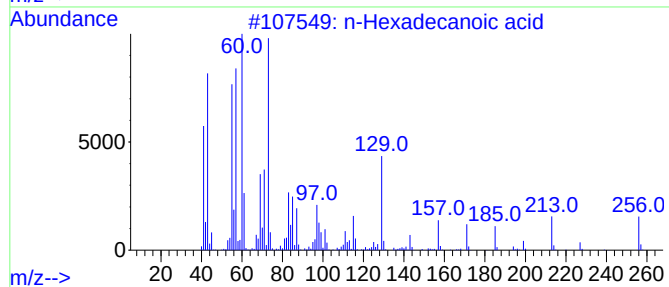
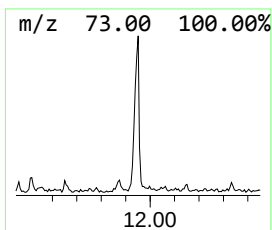
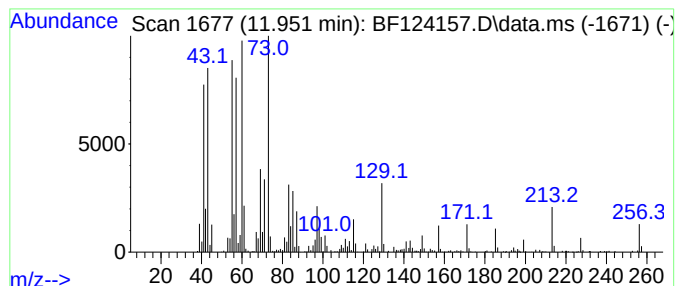
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	53.22 ng	1264240	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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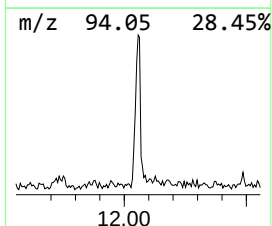
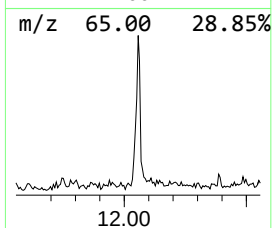
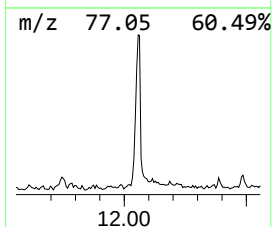
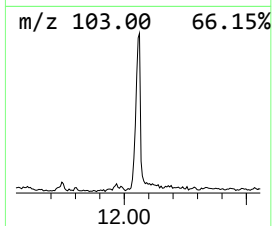
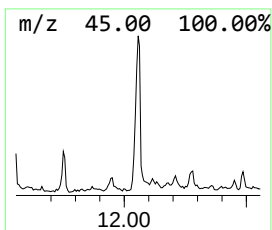
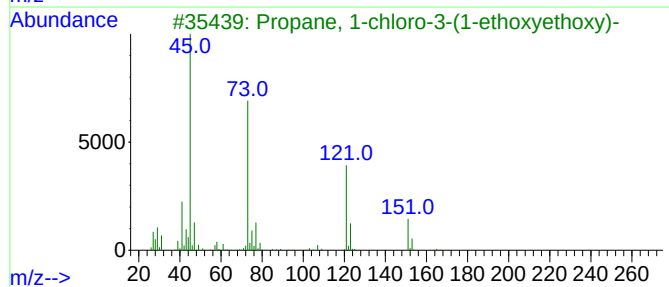
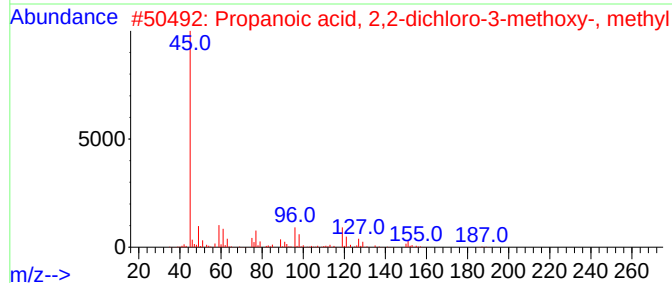
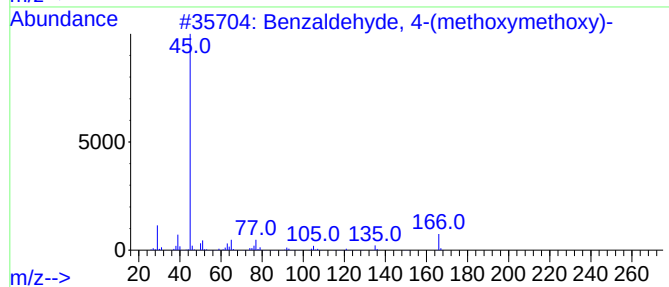
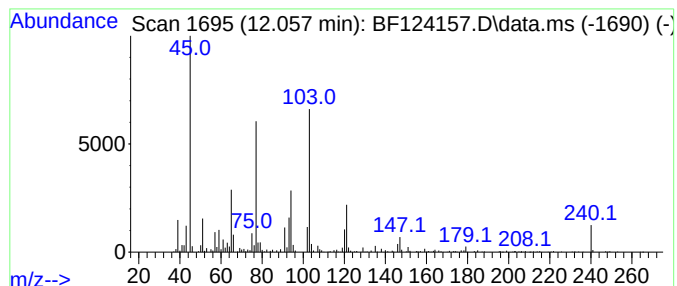
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.057 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	43.87 ng	1042170	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 4-(methoxymethoxy)-	166	C9H10O3	006515-21-5	12
2			Propanoic acid, 2,2-dichloro-3-m...	186	C5H8Cl2O3	027579-25-5	12
3			Propane, 1-chloro-3-(1-ethoxyeth...	166	C7H15ClO2	030502-41-1	10
4			Triethylene glycol	150	C6H14O4	000112-27-6	10
5			1,4,7,10,13,16,19,22-Octaoxacycl...	380	C16H28O10	1000221-60-1	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
Acq On : 7 Jun 2021 15:09
Operator : JU/CG
Sample : M2583-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
39-41

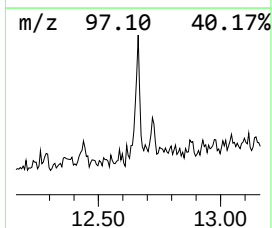
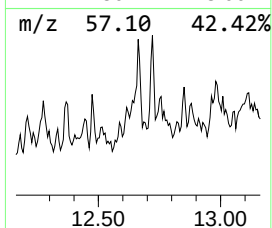
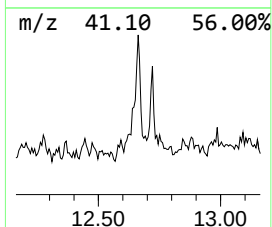
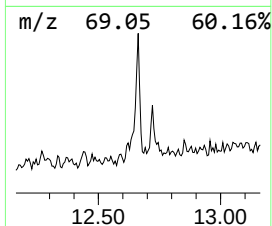
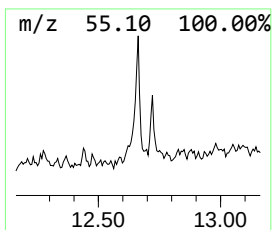
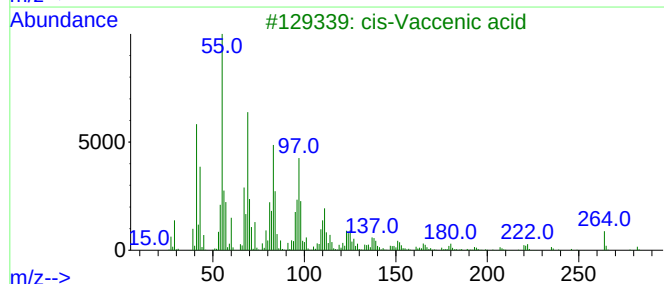
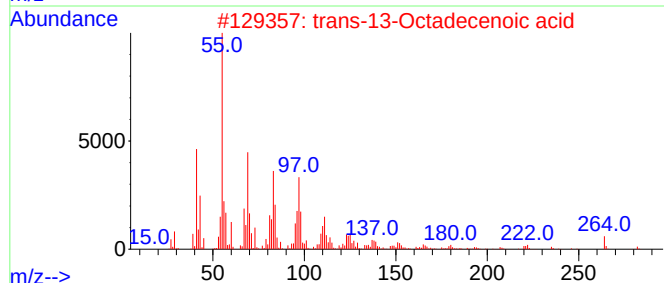
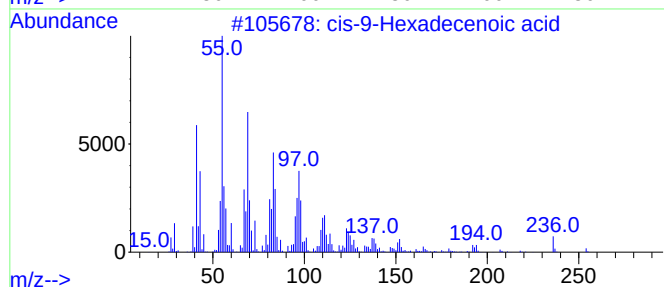
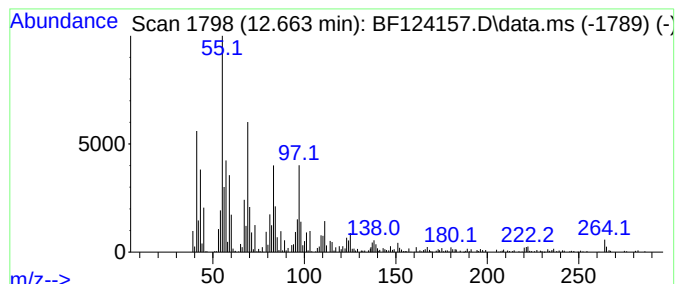
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 cis-9-Hexadecenoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	54.70 ng	1299580	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	96
2			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	95
3			cis-Vaccenic acid	282	C18H34O2	000506-17-2	93
4			Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	93
5			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
Acq On : 7 Jun 2021 15:09
Operator : JU/CG
Sample : M2583-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
39-41

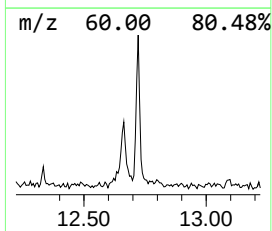
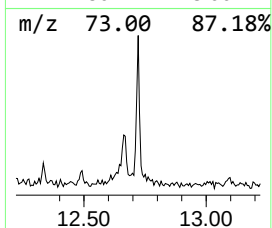
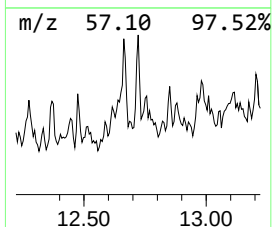
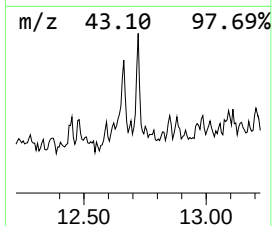
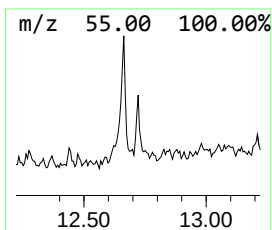
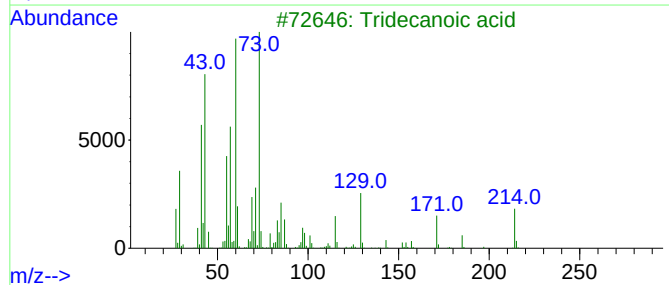
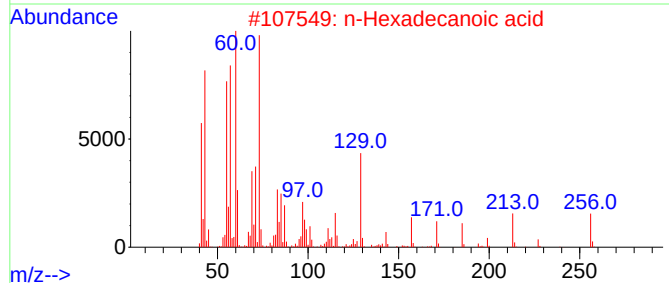
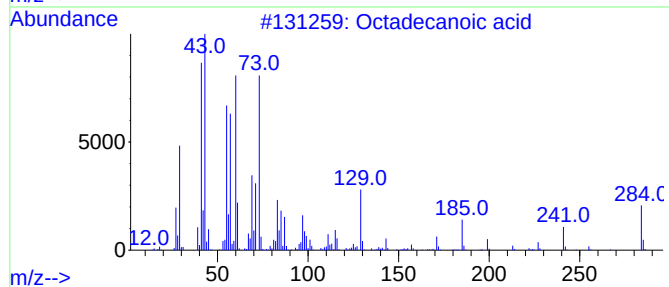
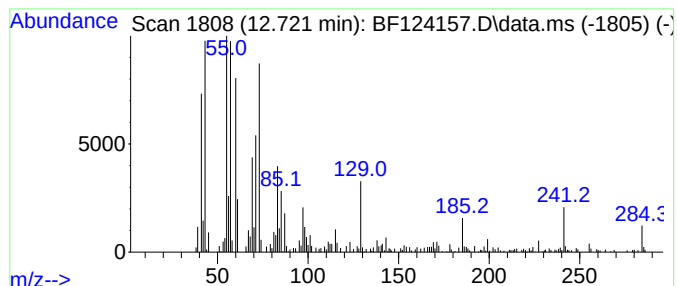
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.721	35.21 ng	426701	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5			Dodecane	170	C12H26	000112-40-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124157.D
Acq On : 7 Jun 2021 15:09
Operator : JU/CG
Sample : M2583-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

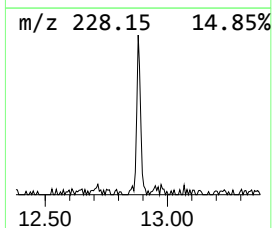
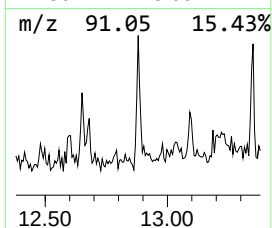
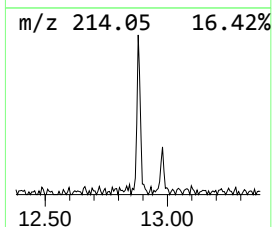
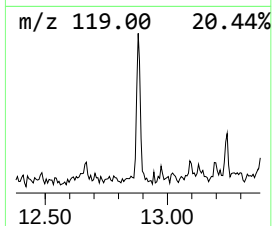
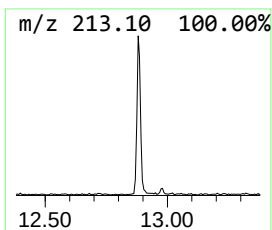
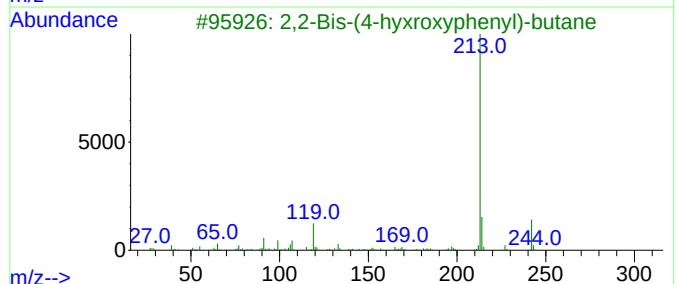
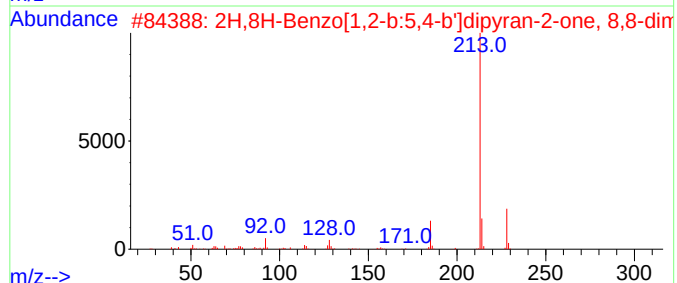
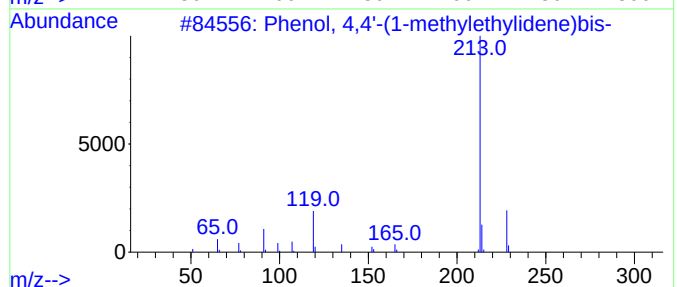
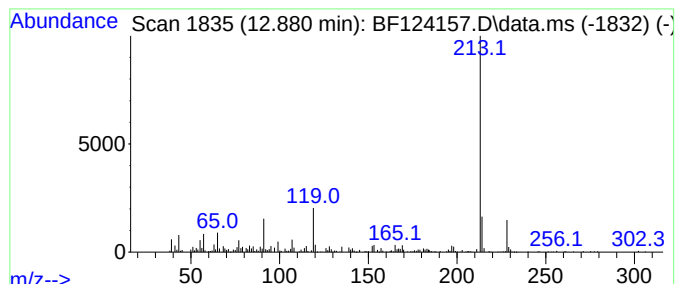
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.880	37.31 ng	452208	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	64
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	59
4	4-Hydroxy-.gamma.-(4-hydroxyphen...	300	C18H20O4	007297-85-0	56
5	Pyridine, 3-(5-trifluoromethyl-3...	213	C9H6F3N3	003974-70-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124157.D
 Acq On : 7 Jun 2021 15:09
 Operator : JU/CG
 Sample : M2583-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 39-41

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
Butane, 2-metho...	2.128	98.8	ng	1678900	1	6.869	339935	20.0
Butanoic acid, ...	5.710	63.7	ng	1083130	1	6.869	339935	20.0
Pentanoic acid,...	5.910	82.9	ng	1408520	1	6.869	339935	20.0
Butanoic acid, ...	6.110	107.7	ng	1830830	1	6.869	339935	20.0
unknown6.134	6.134	35.9	ng	610562	1	6.869	339935	20.0
Pentanoic acid	6.210	71.4	ng	1214190	1	6.869	339935	20.0
1-Hexanol, 2-et...	6.986	54.5	ng	926406	1	6.869	339935	20.0
unknown7.486	7.486	65.1	ng	1106590	1	6.869	339935	20.0
n-Decanoic acid	9.363	104.8	ng	3722980	3	9.922	710317	20.0
Heptanoic acid	9.410	228.8	ng	8124710	3	9.922	710317	20.0
Undecanoic acid	9.798	150.4	ng	5342510	3	9.922	710317	20.0
Dodecanoic acid	10.210	50.7	ng	1800770	3	9.922	710317	20.0
Carbonic acid, ...	10.839	88.4	ng	2099800	4	11.398	475131	20.0
Tetradecanoic acid	11.098	33.1	ng	786374	4	11.398	475131	20.0
unknown11.463	11.463	57.0	ng	1355360	4	11.398	475131	20.0
n-Hexadecanoic ...	11.951	53.2	ng	1264240	4	11.398	475131	20.0
unknown12.057	12.057	43.9	ng	1042170	4	11.398	475131	20.0
cis-9-Hexadecen...	12.663	54.7	ng	1299580	4	11.398	475131	20.0
Octadecanoic acid	12.721	35.2	ng	426701	5	14.039	242406	20.0
Phenol, 4,4'-(1...	12.880	37.3	ng	452208	5	14.039	242406	20.0