

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
 Data File : BF123173.D
 Acq On : 10 Feb 2021 16:47
 Operator : JU/CG
 Sample : M1348-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AS-CON

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-BF012721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123173.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	6	11	19	rVB	374511	512552	2.77%	0.363%
2	4.481	401	407	453	rBV	1898489	3002203	16.24%	2.128%
3	5.087	506	510	524	rBV	227927	281044	1.52%	0.199%
4	5.492	575	579	597	rBV	803126	1023491	5.54%	0.725%
5	6.504	746	751	766	rBV	2551603	2531197	13.69%	1.794%
6	6.881	811	815	818	rBV	1066723	811060	4.39%	0.575%
7	7.439	903	910	913	rBV	2201847	2079935	11.25%	1.474%
8	8.163	1029	1033	1041	rBV	1212239	1161113	6.28%	0.823%
9	9.092	1187	1191	1193	rVB2	186338	190031	1.03%	0.135%
10	9.122	1193	1196	1200	rBV	342003	328553	1.78%	0.233%
11	9.163	1200	1203	1205	rBV	327323	282872	1.53%	0.200%
12	9.192	1205	1208	1211	rVV	511231	397654	2.15%	0.282%
13	9.245	1212	1217	1220	rVV	4323681	3825220	20.69%	2.711%
14	9.328	1226	1231	1234	rBV	4136281	3793141	20.52%	2.688%
15	9.369	1234	1238	1241	rVV2	556127	742831	4.02%	0.526%
16	9.445	1248	1251	1253	rVB3	231570	231447	1.25%	0.164%
17	9.475	1253	1256	1258	rBV2	204154	248722	1.35%	0.176%
18	9.516	1261	1263	1266	rVB	277463	209568	1.13%	0.149%
19	9.586	1266	1275	1277	rBV2	1070589	1774154	9.60%	1.257%
20	9.604	1277	1278	1281	rVB	867097	488595	2.64%	0.346%
21	9.651	1281	1286	1288	rBV3	2279715	3203043	17.32%	2.270%
22	9.669	1288	1289	1293	rVB	1607840	1050621	5.68%	0.745%
23	9.710	1293	1296	1298	rVB	1240740	1005667	5.44%	0.713%
24	9.739	1298	1301	1302	rBV	227526	234673	1.27%	0.166%
25	9.798	1307	1311	1314	rVV	351744	583761	3.16%	0.414%
26	9.869	1314	1323	1326	rVV	7494595	9494956	51.35%	6.730%
27	9.898	1326	1328	1330	rVV2	1179017	1276529	6.90%	0.905%
28	9.927	1330	1333	1336	rVV	1938196	2093410	11.32%	1.484%
29	9.969	1338	1340	1342	rVV	493551	497509	2.69%	0.353%
30	9.998	1342	1345	1348	rVV2	497355	722522	3.91%	0.512%
31	10.033	1348	1351	1354	rVV3	493638	523565	2.83%	0.371%
32	10.092	1356	1361	1364	rVV2	1325547	2203218	11.92%	1.562%
33	10.116	1364	1365	1368	rVV	1163857	1091658	5.90%	0.774%
34	10.151	1368	1371	1373	rVV	1117580	1098526	5.94%	0.779%
35	10.180	1373	1376	1380	rVV2	2032167	2399630	12.98%	1.701%
36	10.216	1380	1382	1385	rVB	1168297	900282	4.87%	0.638%

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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-BF012721.M
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37	10.304	1394	1397	1400	rVB	409911	458638	2.48%	0.325%
38	10.363	1400	1407	1410	rVV	6196794	6462149	34.95%	4.580%
39	10.392	1410	1412	1414	rVV	586147	551060	2.98%	0.391%
40	10.416	1414	1416	1421	rVB4	378822	460011	2.49%	0.326%
41	10.580	1438	1444	1446	rBV	1378397	1777279	9.61%	1.260%
42	10.598	1446	1447	1450	rVB2	251990	189658	1.03%	0.134%
43	10.633	1450	1453	1455	rVB	368349	328779	1.78%	0.233%
44	10.663	1455	1458	1461	rBV2	442616	433980	2.35%	0.308%
45	10.698	1461	1464	1466	rBV	491226	417485	2.26%	0.296%
46	10.833	1484	1487	1496	rVB	2263758	2441339	13.20%	1.730%
47	11.280	1560	1563	1565	rBV	312226	251114	1.36%	0.178%
48	11.369	1574	1578	1582	rVB	427255	471742	2.55%	0.334%
49	11.416	1582	1586	1589	rBV	1578016	1289073	6.97%	0.914%
50	11.716	1626	1637	1640	rBV4	1153864	2809617	15.20%	1.991%
51	11.774	1641	1647	1648	rVV	1930047	4079295	22.06%	2.891%
52	11.821	1649	1655	1665	rVB	3759724	9770219	52.84%	6.925%
53	11.957	1671	1678	1687	rBV	3789554	7172377	38.79%	5.083%
54	12.216	1719	1722	1726	rVB	727300	783498	4.24%	0.555%
55	12.269	1728	1731	1734	rVB	288539	327398	1.77%	0.232%
56	12.527	1773	1775	1781	rVB	560517	680727	3.68%	0.482%
57	12.745	1805	1812	1823	rBV2	3725587	6104003	33.01%	4.326%
58	13.010	1853	1857	1860	rVB	4813822	4443342	24.03%	3.149%
59	14.063	2033	2036	2041	rVB	1382837	1276924	6.91%	0.905%
60	14.139	2045	2049	2060	rVB2	509126	1210724	6.55%	0.858%
61	14.704	2140	2145	2151	rVB	707017	1097312	5.93%	0.778%
62	15.274	2236	2242	2254	rVB	452826	972119	5.26%	0.689%
63	15.545	2284	2288	2292	rBV	775652	971141	5.25%	0.688%
64	15.857	2334	2341	2348	rBV	419421	1110037	6.00%	0.787%
65	15.927	2349	2353	2358	rVV	152484	325419	1.76%	0.231%
66	17.098	2540	2552	2570	rVB	2592281	6813037	36.85%	4.829%
67	17.509	2610	2622	2633	rBV3	871173	3449333	18.66%	2.445%
68	18.492	2778	2789	2800	rVV2	421271	1379462	7.46%	0.978%
69	18.692	2802	2823	2857	rVB2	4129685	18488910	100.00%	13.104%

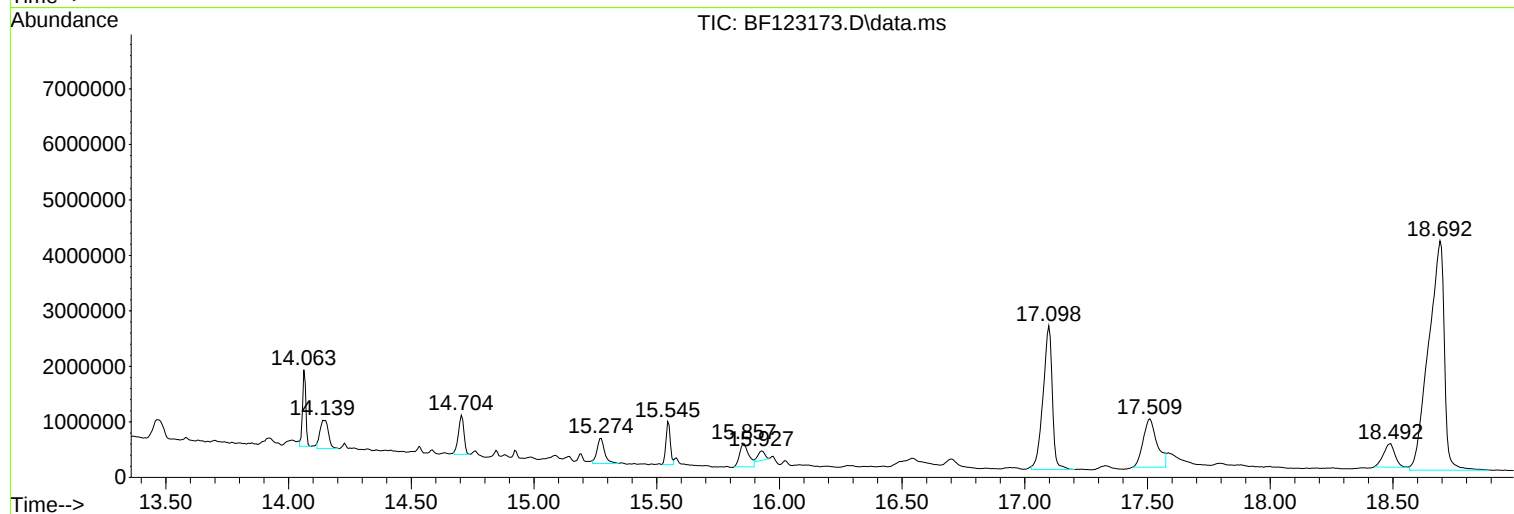
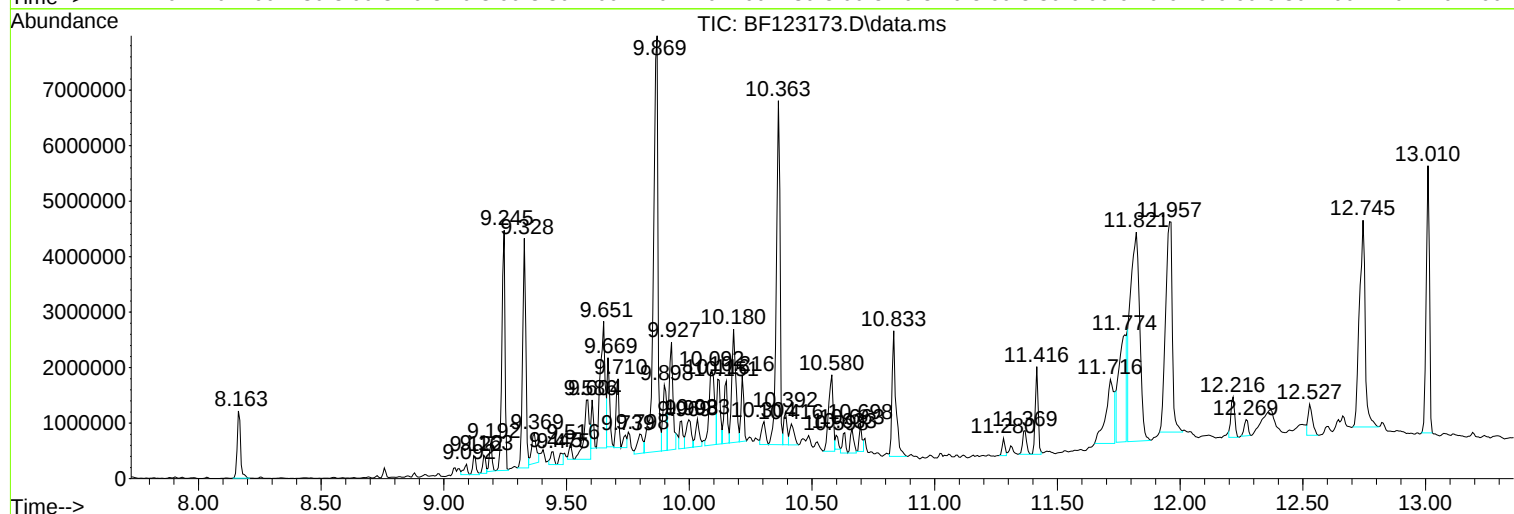
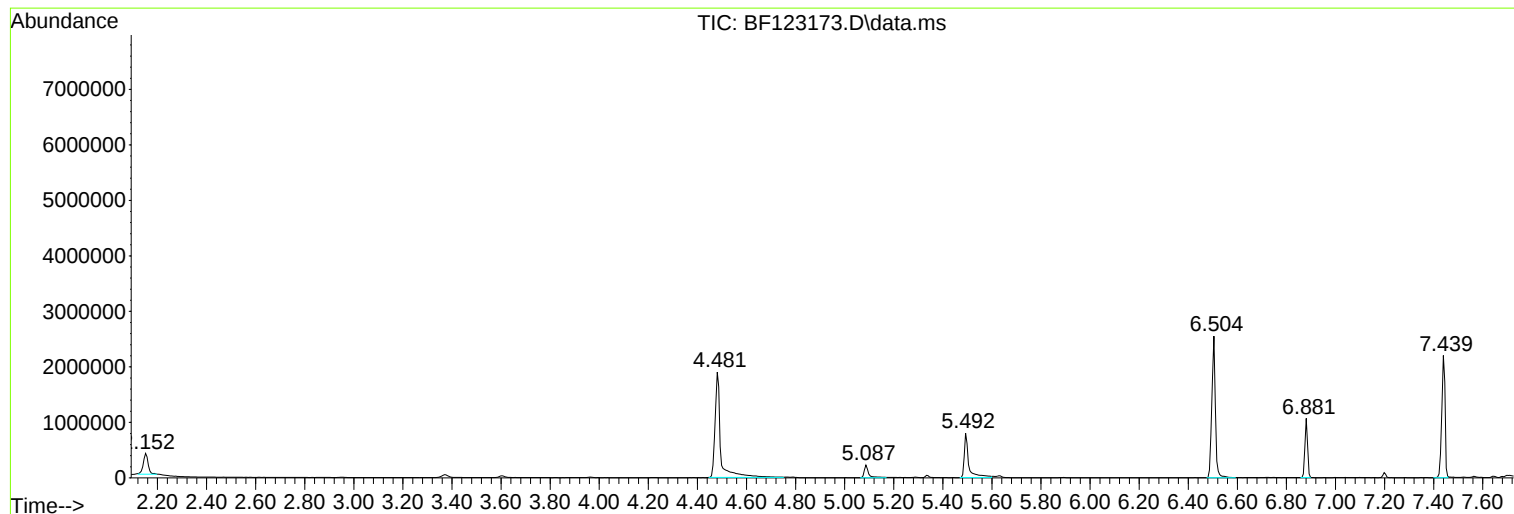
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF123173.D
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Operator : JU/CG
Sample : M1348-01
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Instrument :
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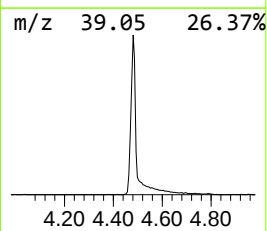
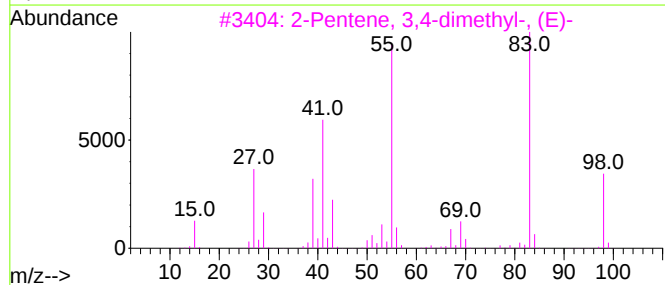
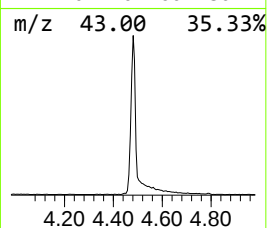
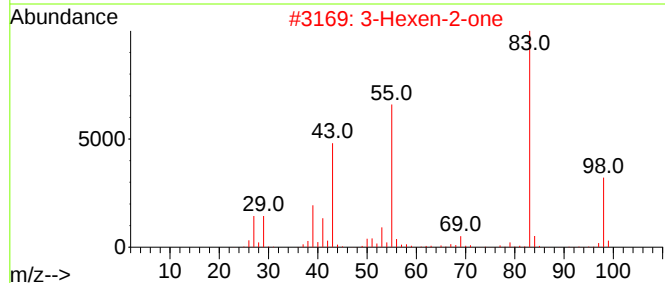
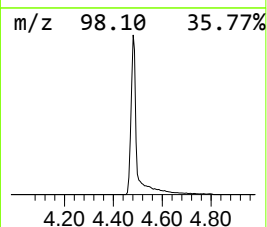
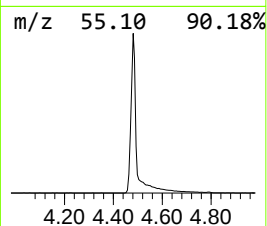
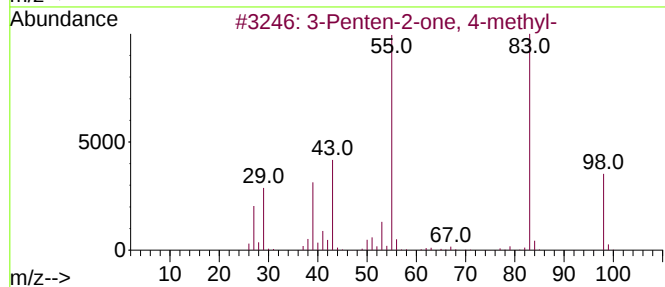
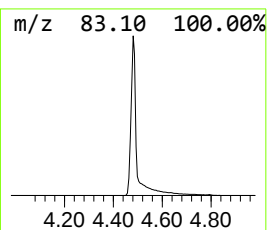
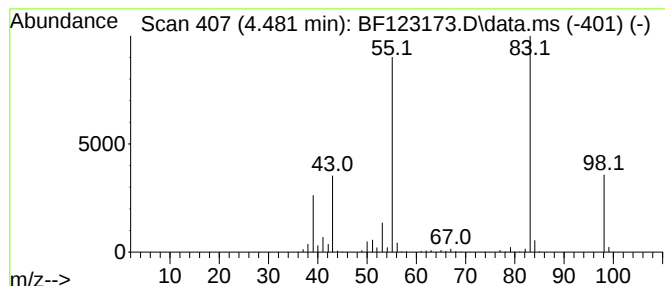
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.481	74.03 ng	3002200	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2			3-Hexen-2-one	98	C6H10O	000763-93-9	91
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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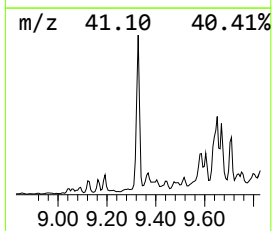
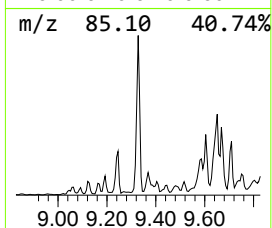
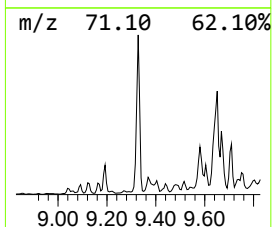
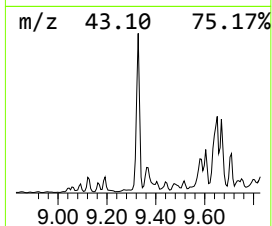
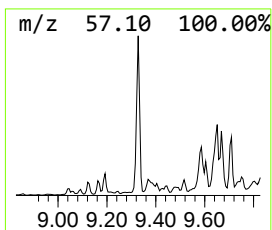
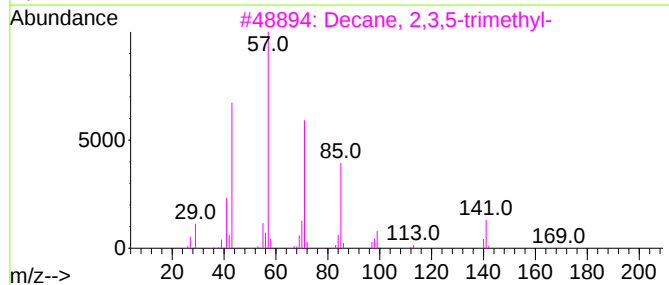
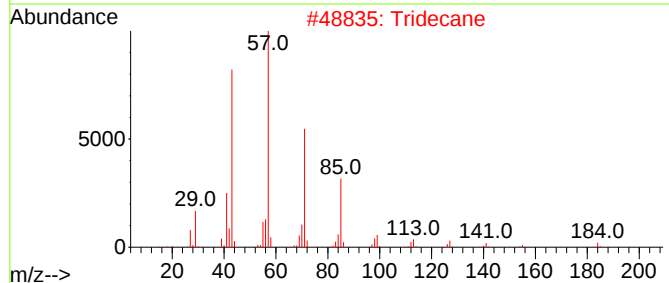
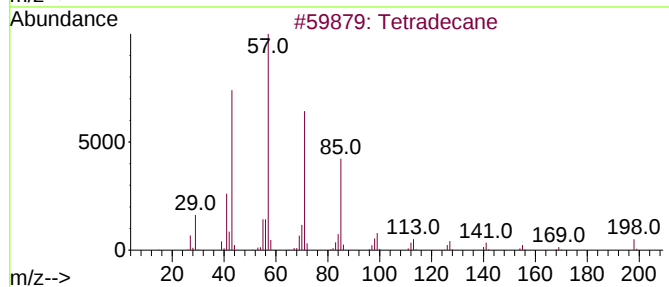
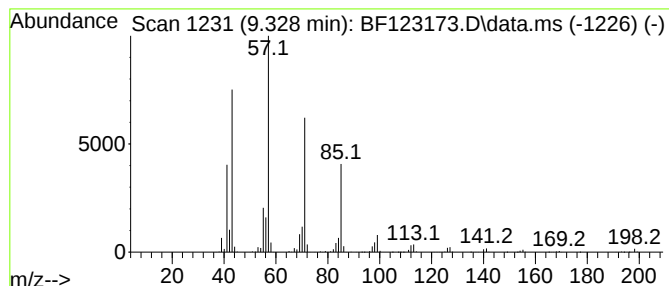
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	36.24 ng	3793140	Acenaphthene-d10	9.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Tridecane	184	C13H28	000629-50-5	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78



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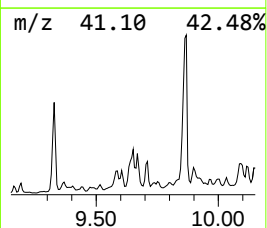
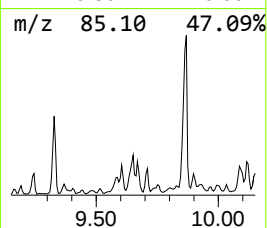
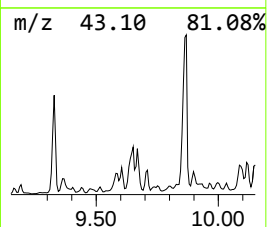
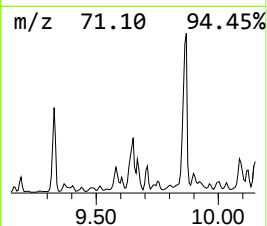
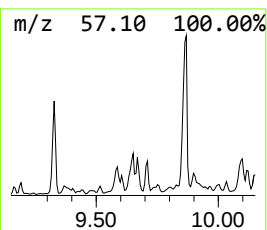
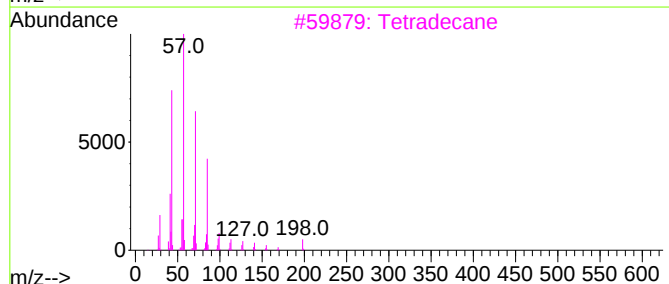
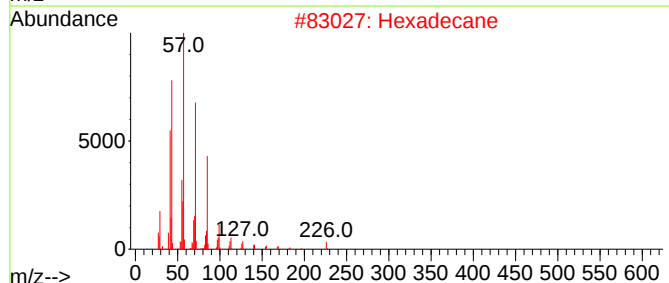
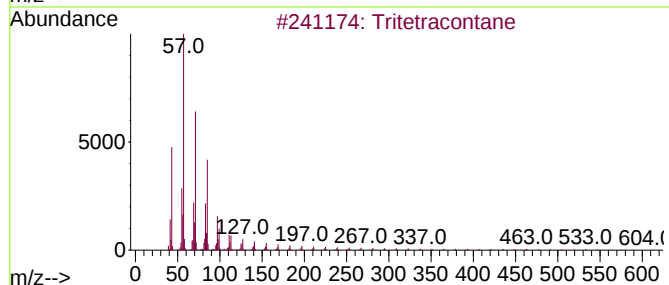
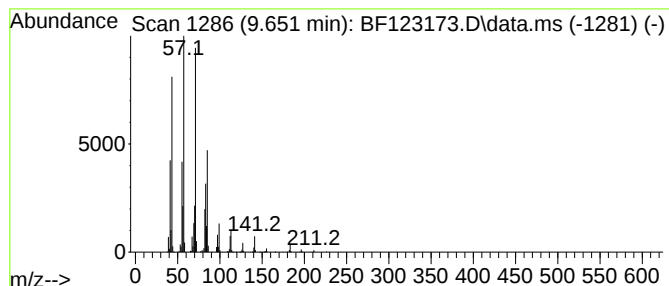
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tritetracontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	30.60 ng	3203040	Acenaphthene-d10	9.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	80
2			Hexadecane	226	C16H34	000544-76-3	74
3			Tetradecane	198	C14H30	000629-59-4	72
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
5			Decane, 5-propyl-	184	C13H28	017312-62-8	64



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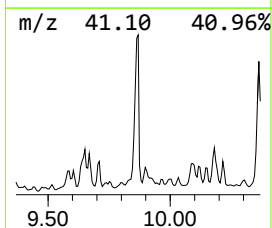
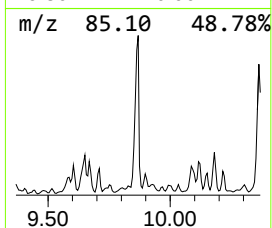
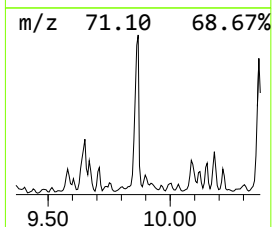
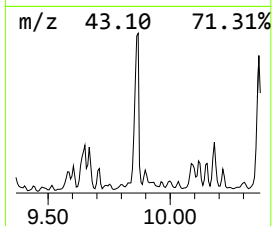
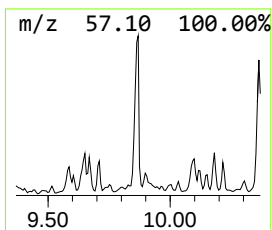
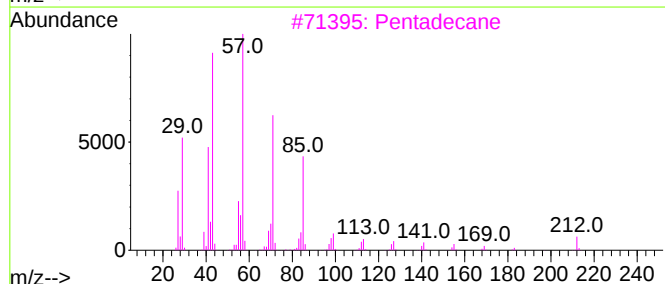
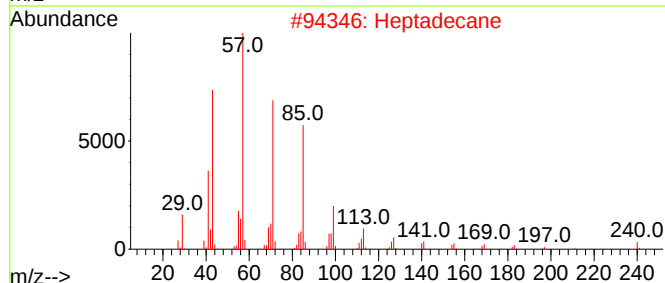
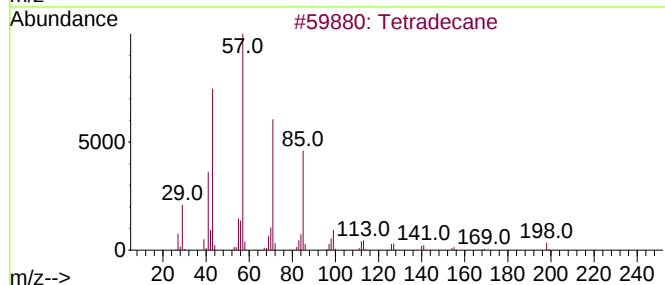
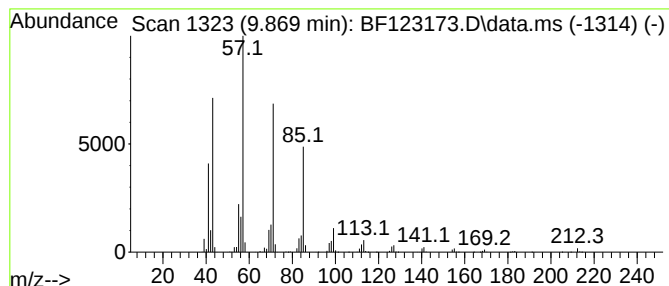
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.869	90.71 ng	9494960	Acenaphthene-d10	9.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Heptadecane	240	C17H36	000629-78-7	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Hexadecane	226	C16H34	000544-76-3	81
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
Acq On : 10 Feb 2021 16:47
Operator : JU/CG
Sample : M1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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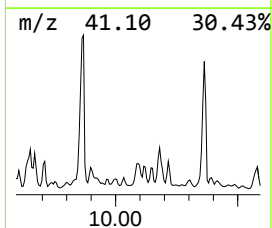
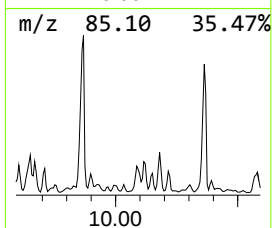
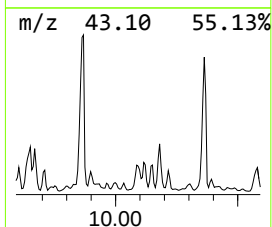
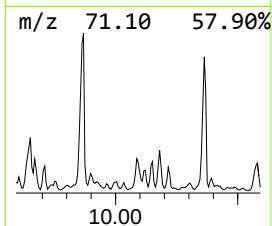
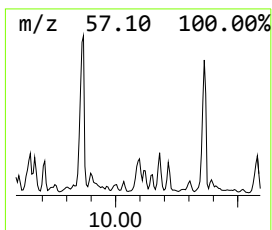
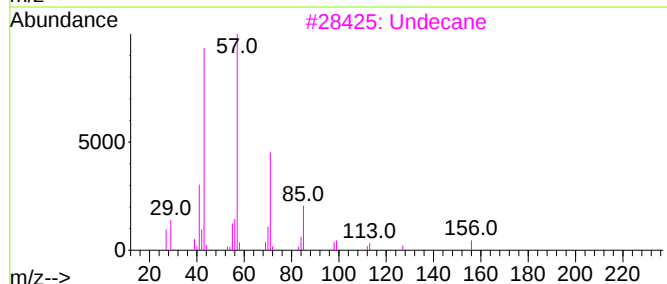
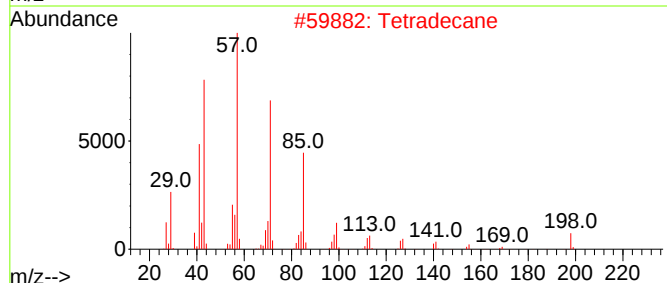
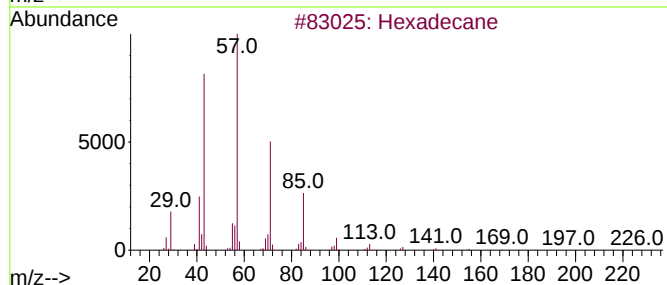
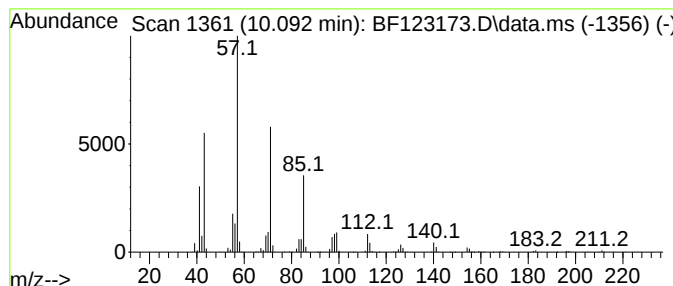
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	21.05 ng	2203220	Acenaphthene-d10	9.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Tetradecane	198	C14H30	000629-59-4	86
3			Undecane	156	C11H24	001120-21-4	80
4			Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5			Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
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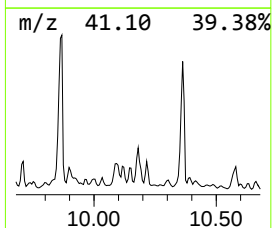
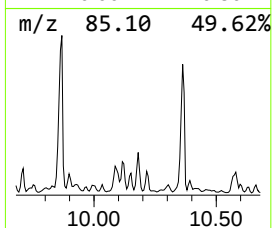
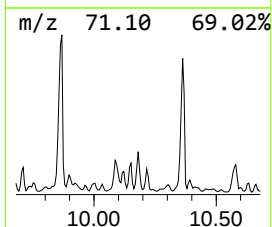
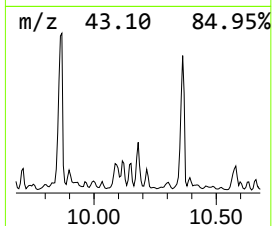
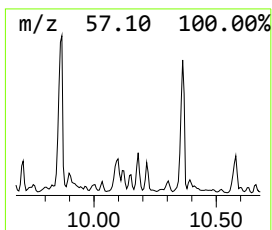
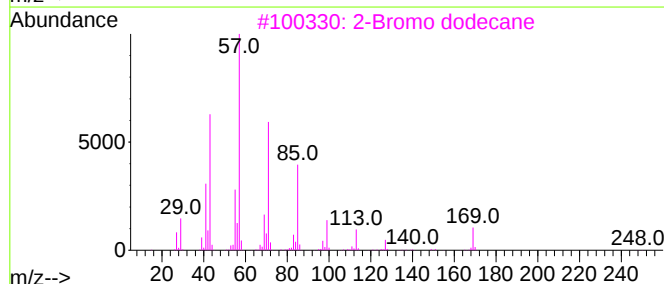
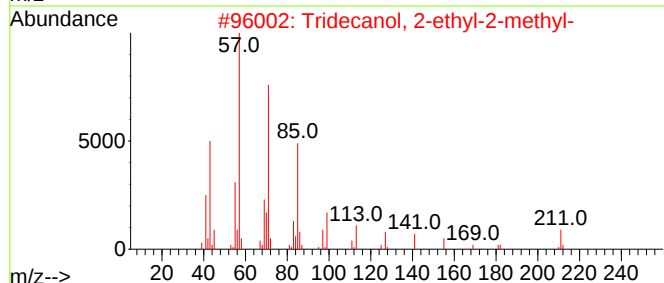
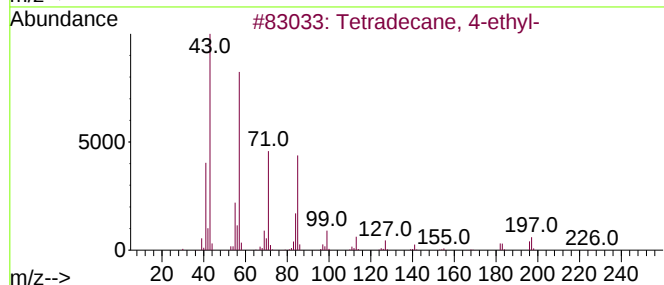
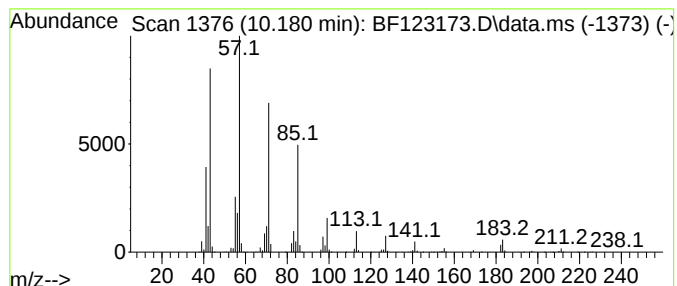
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane, 4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.180	22.93 ng	2399630	Acenaphthene-d10	9.927	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
Acq On : 10 Feb 2021 16:47
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Sample : M1348-01
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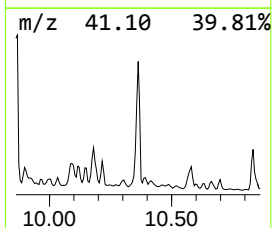
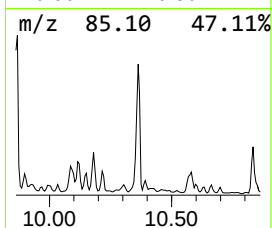
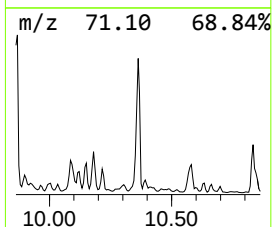
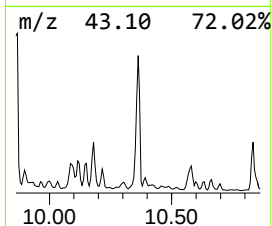
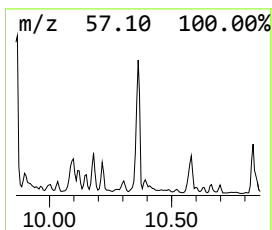
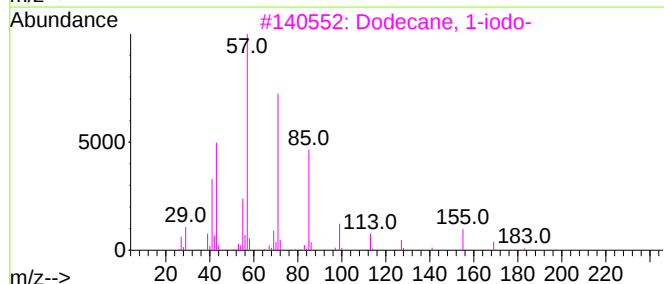
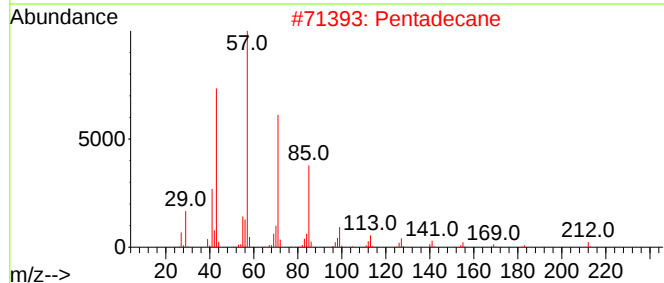
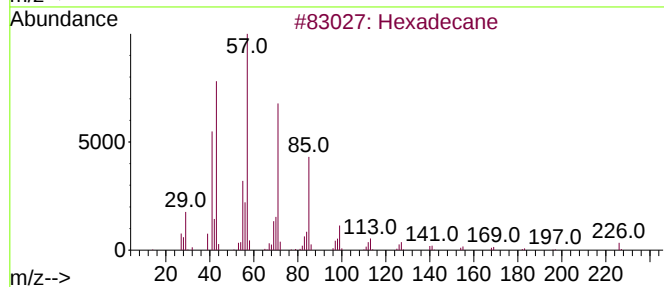
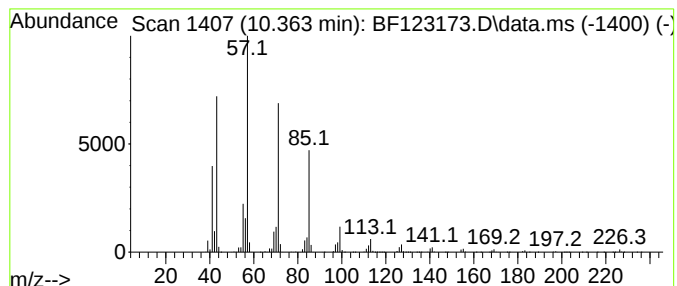
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	61.74 ng	6462150	Acenaphthene-d10	9.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Pentadecane	212	C15H32	000629-62-9	90
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
Acq On : 10 Feb 2021 16:47
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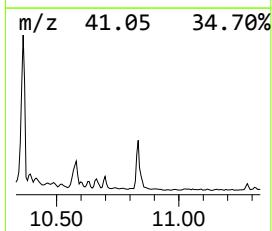
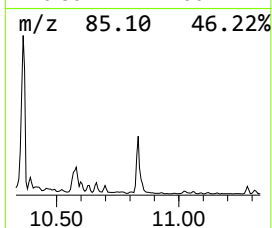
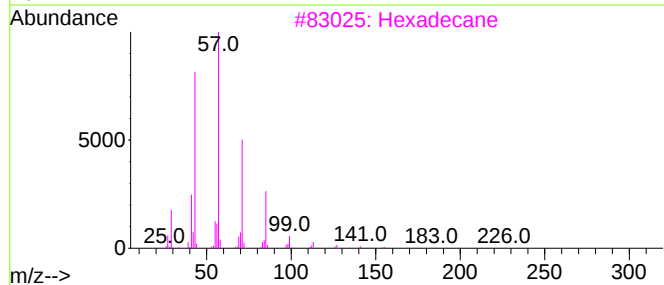
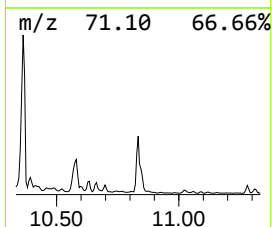
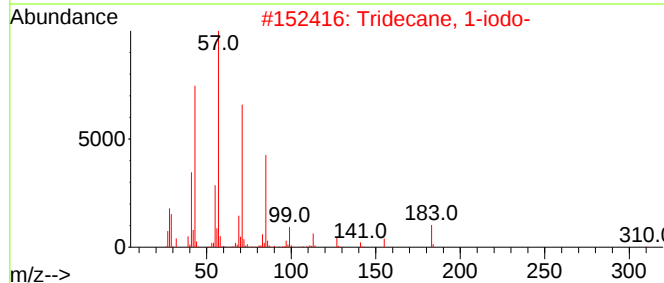
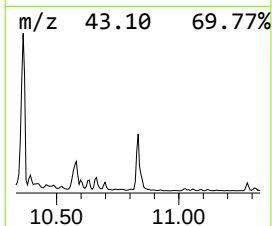
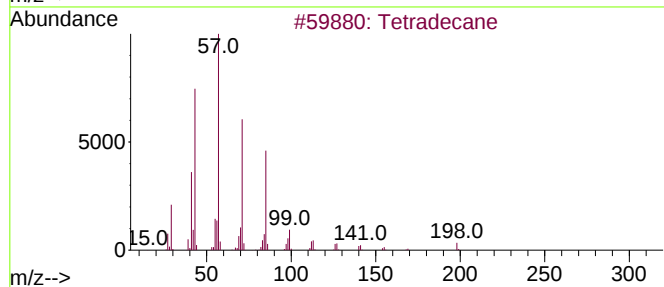
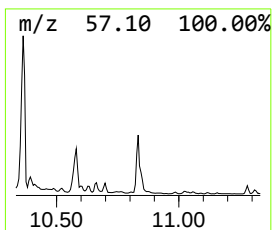
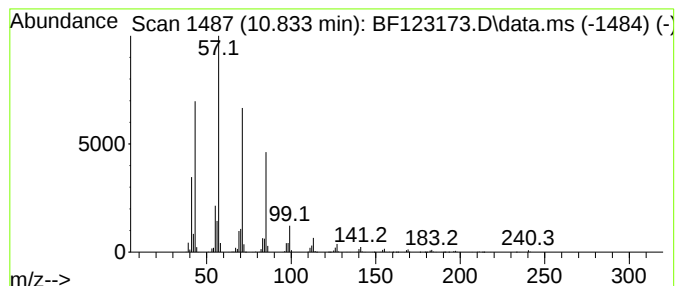
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	37.88 ng	2441340	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heptadecane	240	C17H36	000629-78-7	87
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
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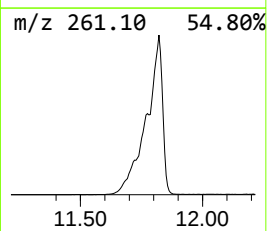
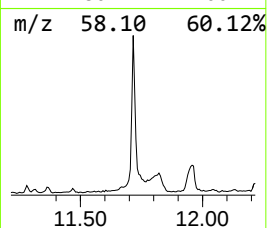
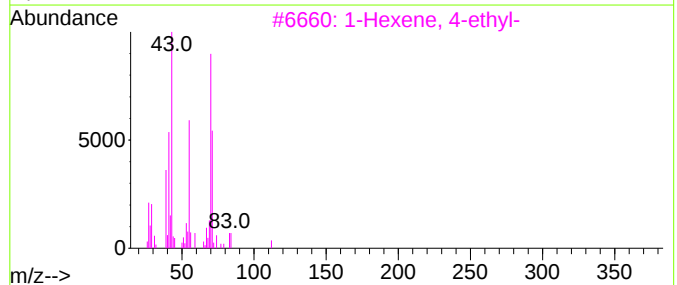
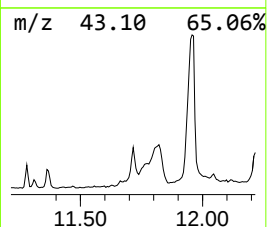
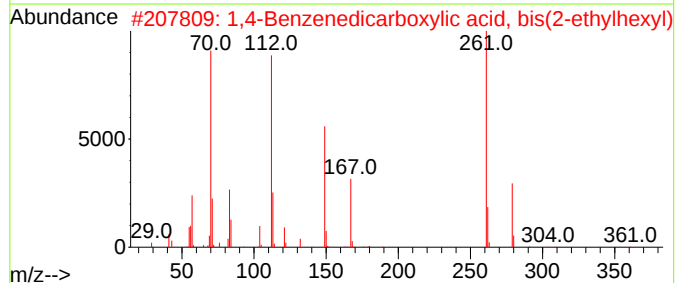
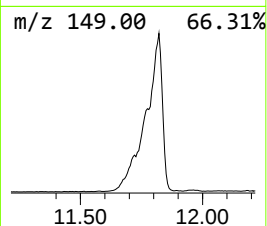
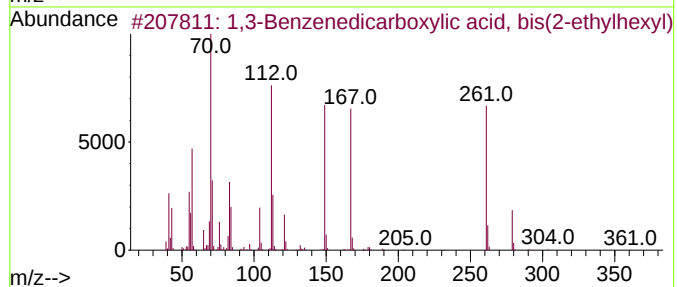
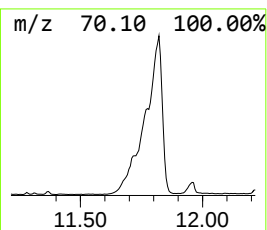
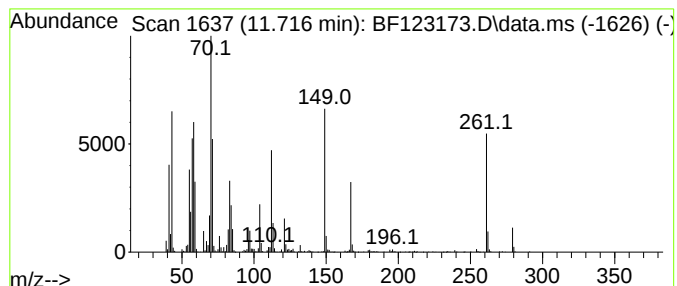
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.71 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	43.59 ng	2809620	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
2			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	38
3			1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	27
4			2-(Decyloxy carbonyl)benzoic acid	306	C18H26O4	1000373-53-2	27
5			Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
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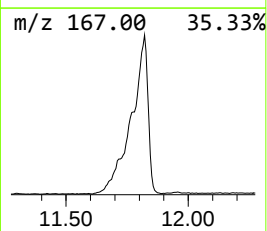
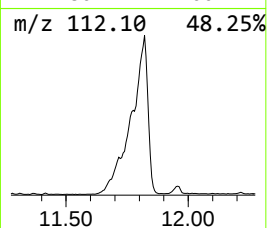
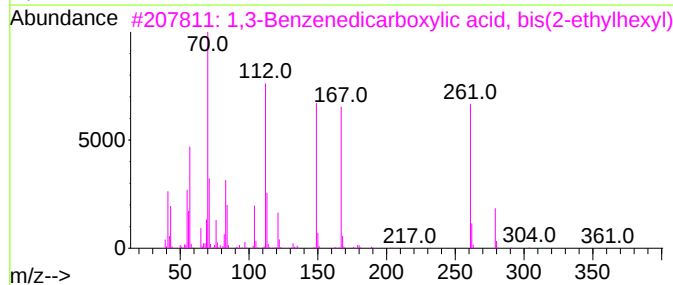
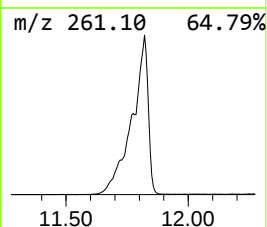
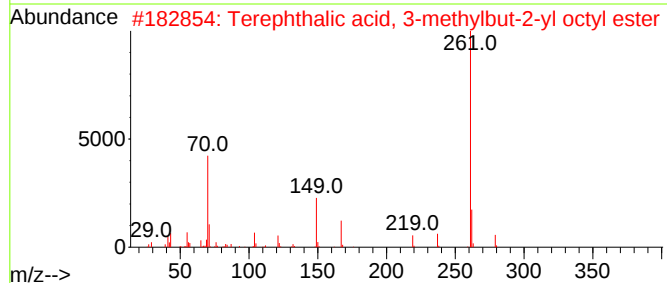
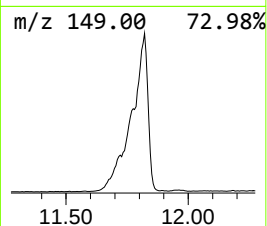
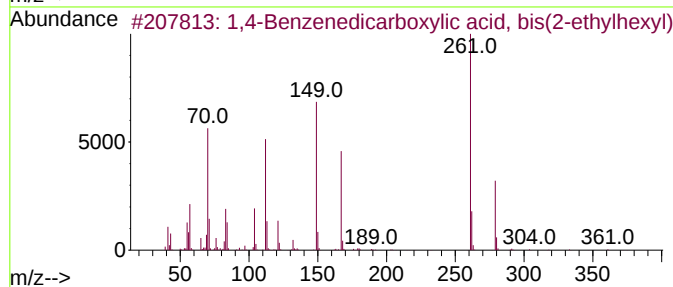
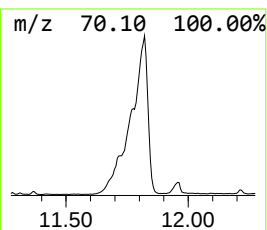
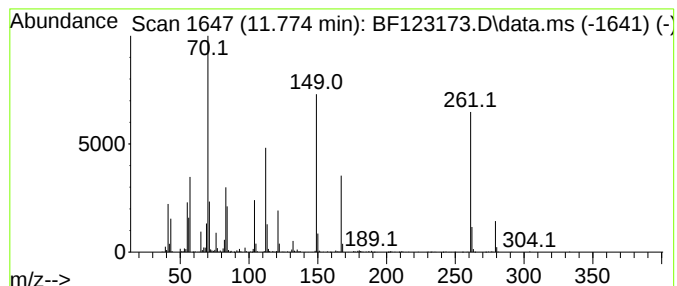
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,4-Benzenedicarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	63.29 ng	4079300	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
2			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	53
3			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
4			Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	47
5			Terephthalic acid, 3-hexyl octyl...	362	C22H34O4	1000356-23-1	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
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Sample : M1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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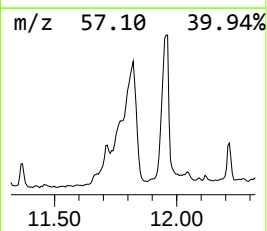
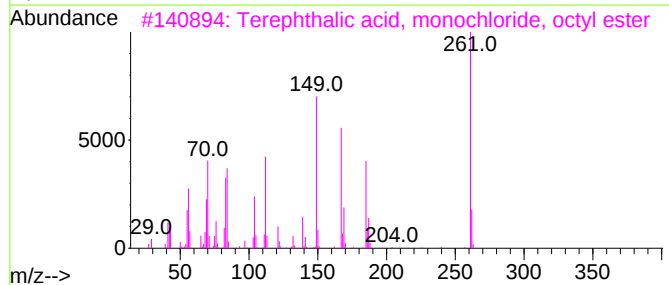
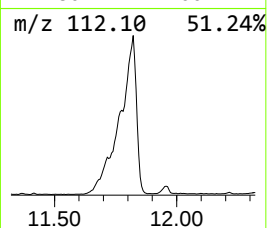
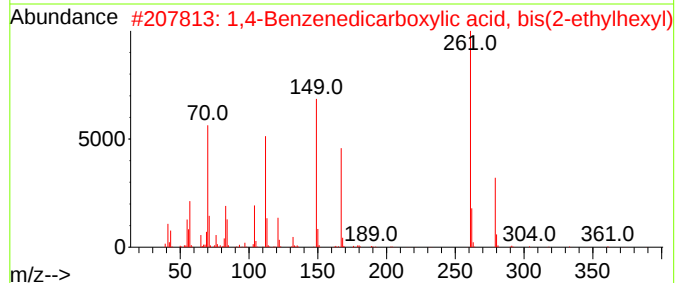
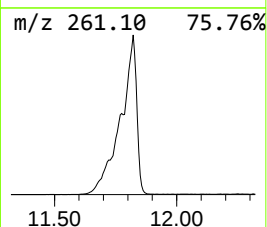
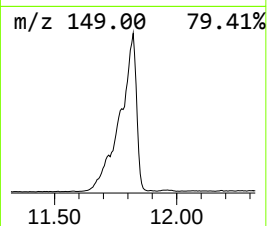
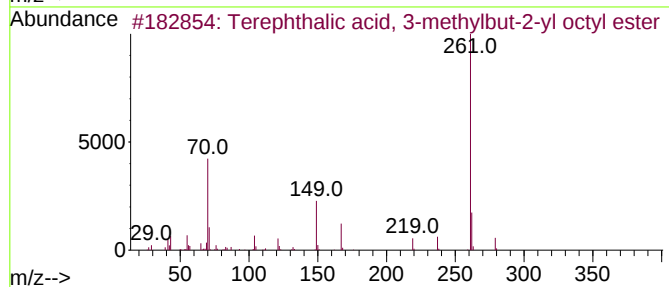
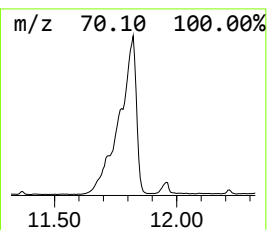
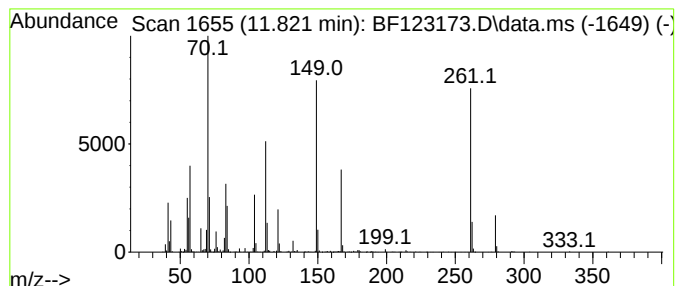
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Terephthalic acid, 3-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	151.59 ng	9770220	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	64
2			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	50
3			Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	47
4			Terephthalic acid, phenyl octyl ...	354	C22H26O4	1000324-06-6	43
5			Isophthalic acid, 2,4-dichloroph...	422	C22H24Cl2O4	1000344-41-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
Acq On : 10 Feb 2021 16:47
Operator : JU/CG
Sample : M1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

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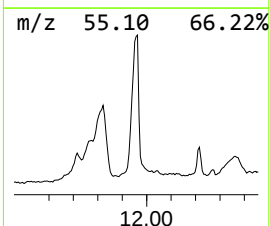
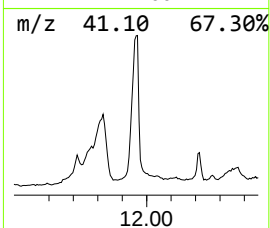
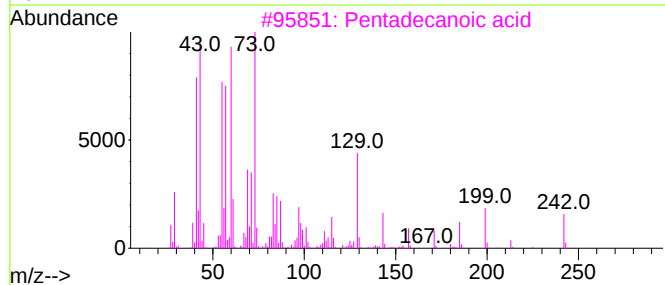
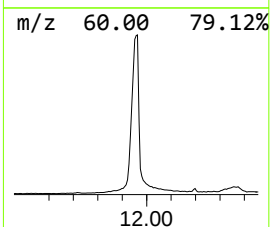
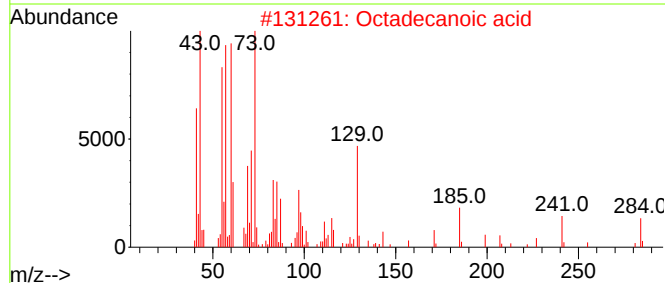
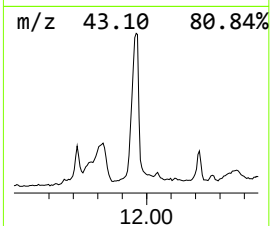
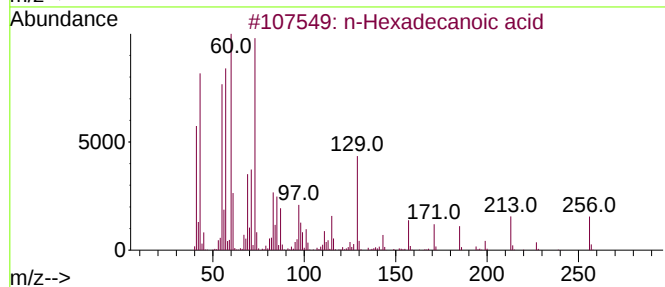
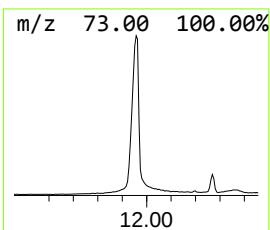
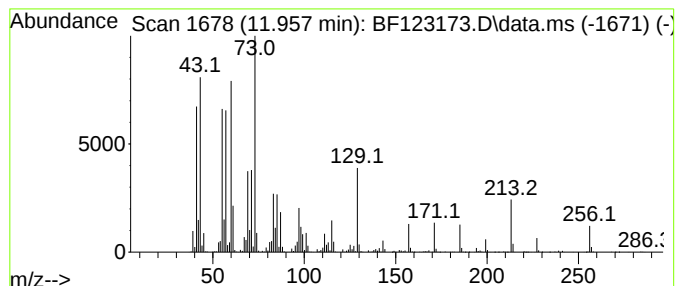
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	111.28 ng	7172380	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5			Tridecanoic acid	214	C13H26O2	000638-53-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
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Operator : JU/CG
Sample : M1348-01
Misc :
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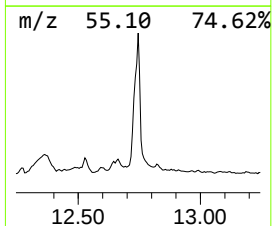
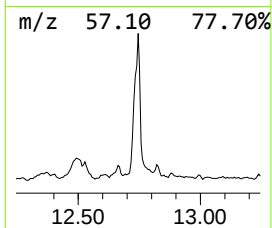
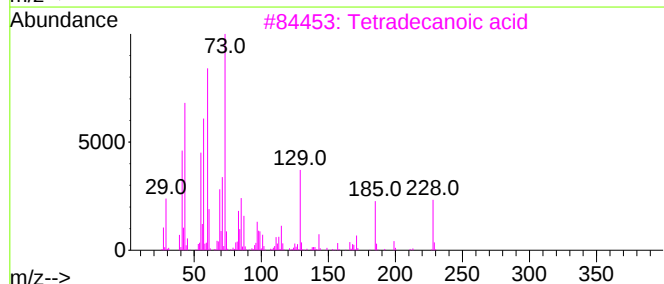
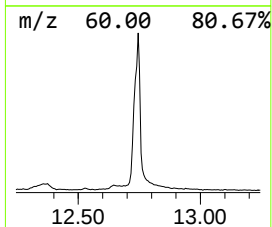
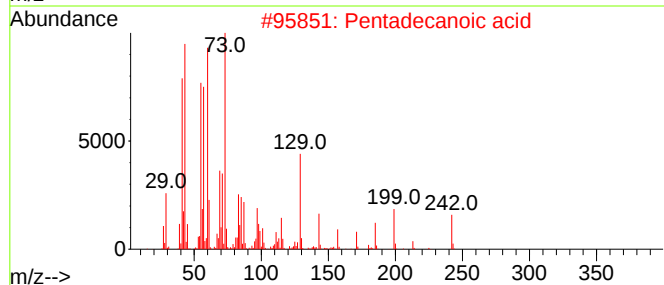
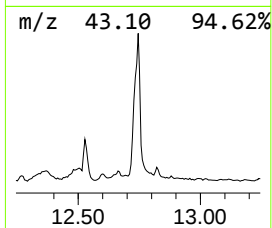
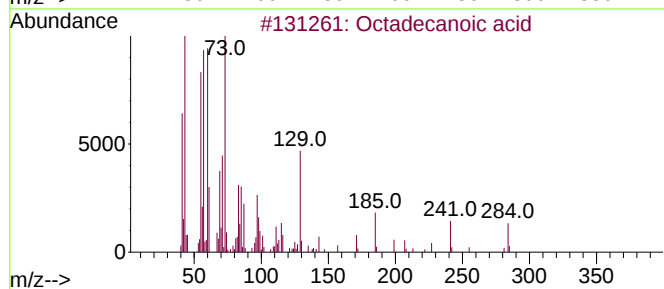
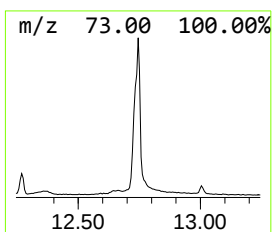
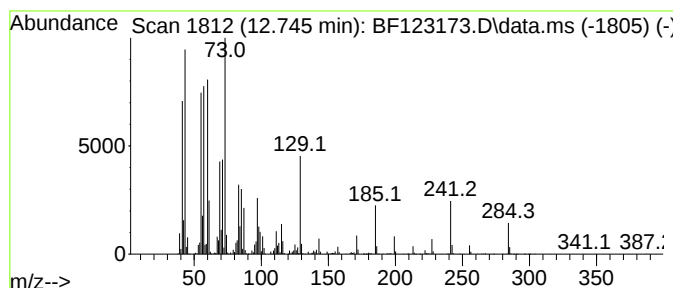
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.745	95.60 ng	6104000	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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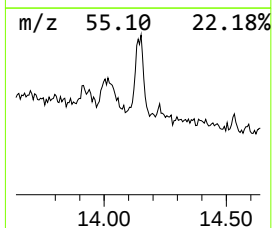
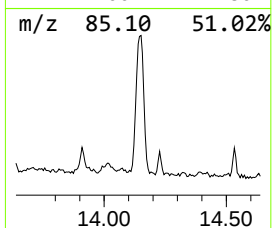
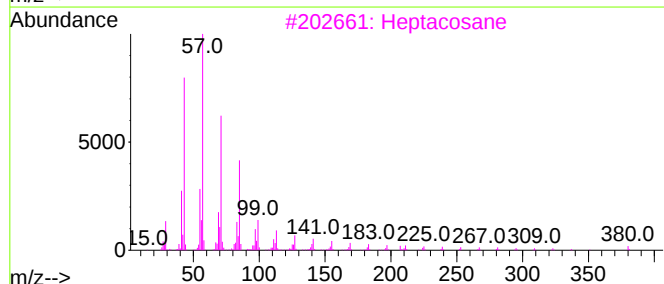
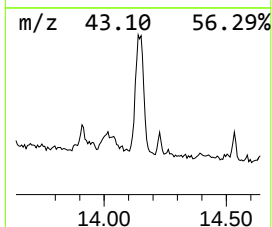
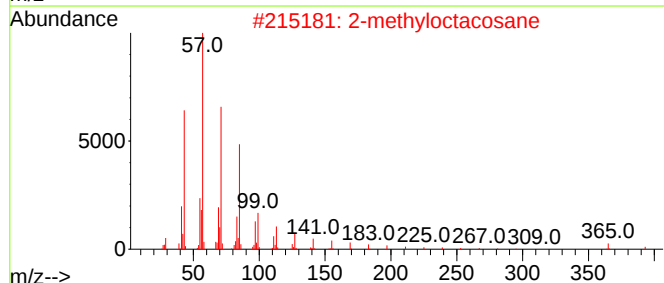
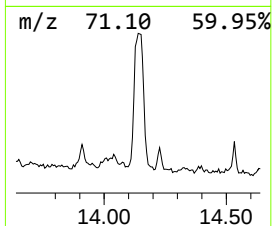
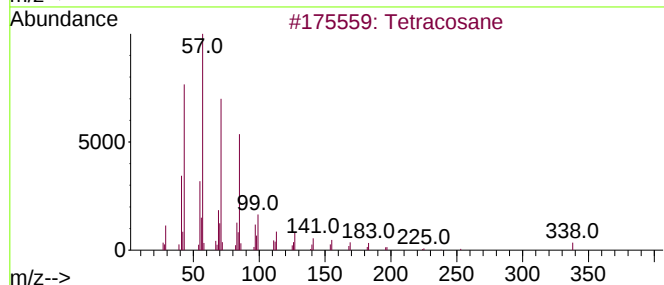
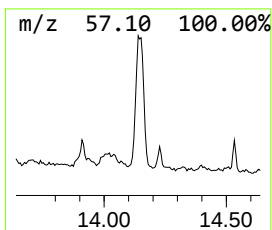
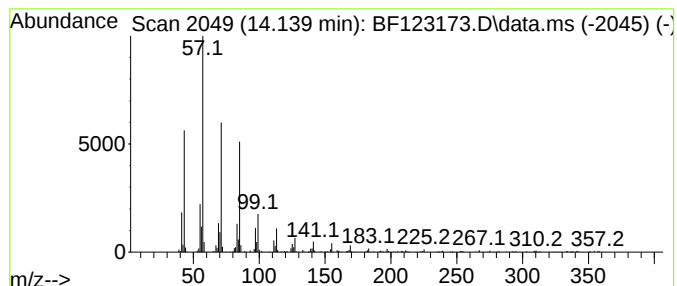
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.139	18.96 ng	1210720	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
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Sample : M1348-01
Misc :
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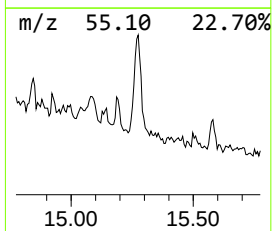
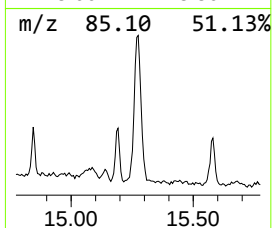
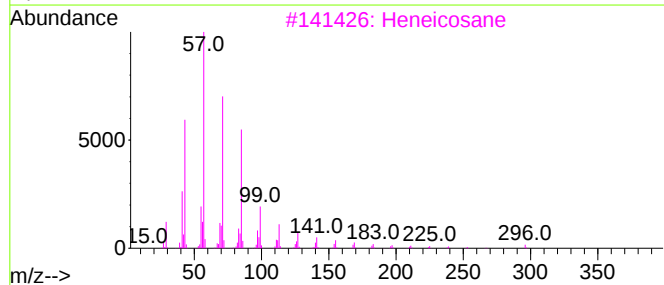
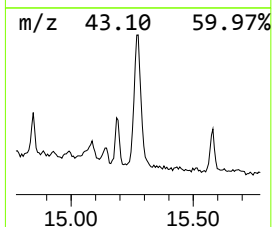
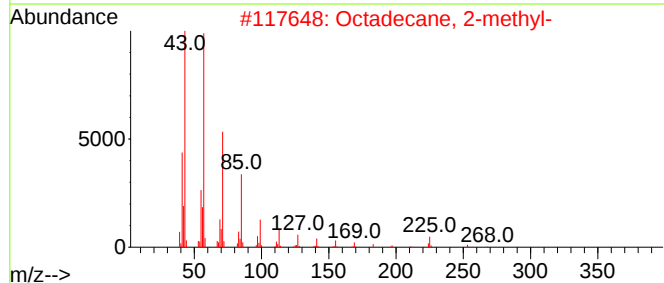
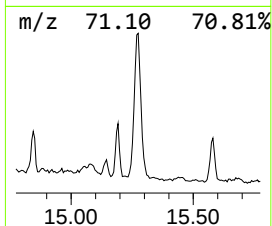
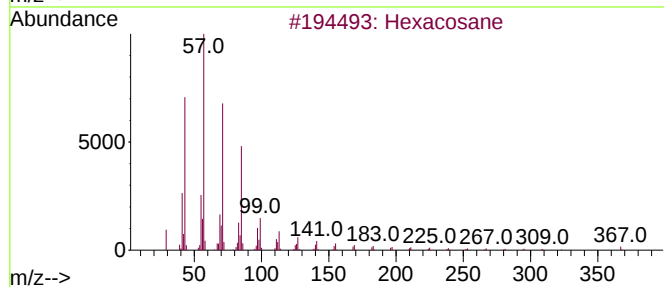
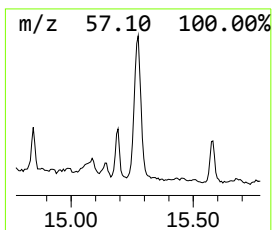
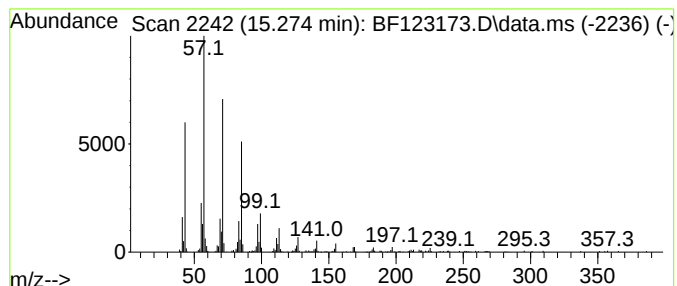
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.274	20.02 ng	972119	Perylene-d12	15.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Octacosane	394	C28H58	000630-02-4	91



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Data File : BF123173.D
Acq On : 10 Feb 2021 16:47
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Sample : M1348-01
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ClientSampleId :
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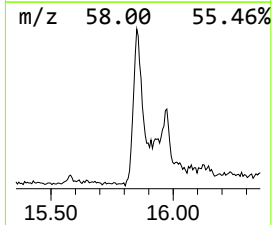
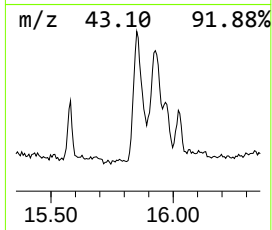
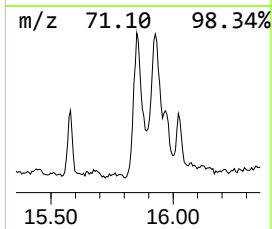
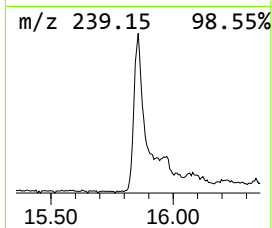
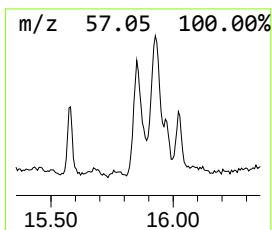
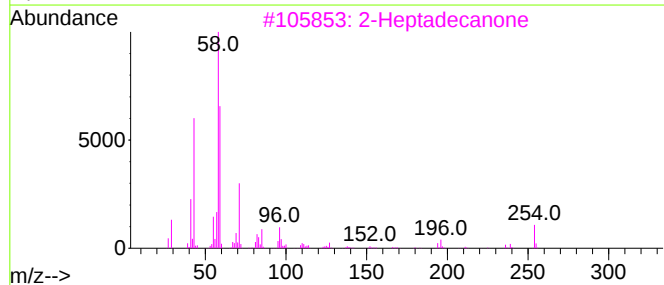
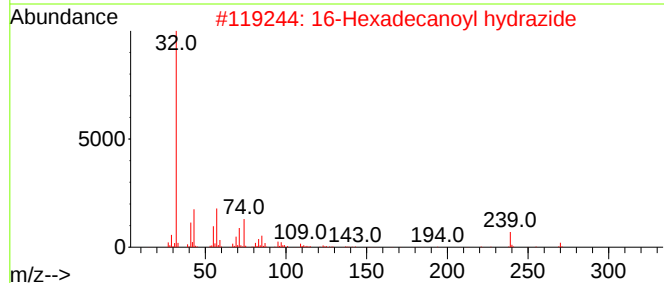
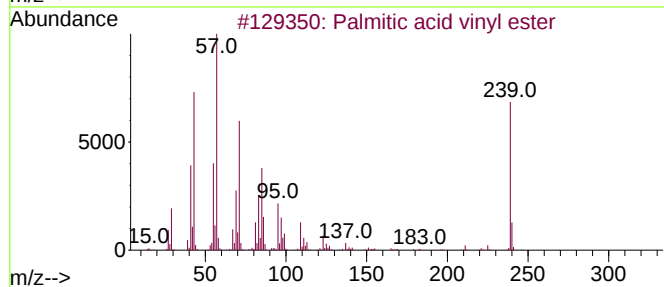
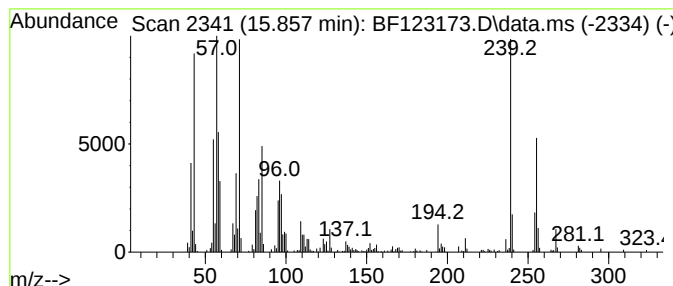
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Palmitic acid vinyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.857	22.86 ng	1110040	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	70
2			16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	52
3			2-Heptadecanone	254	C17H34O	002922-51-2	38
4			Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	30
5			Nonadecane	268	C19H40	000629-92-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
Acq On : 10 Feb 2021 16:47
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
AS-CON

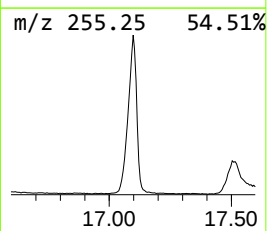
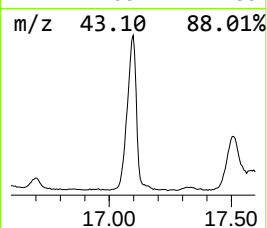
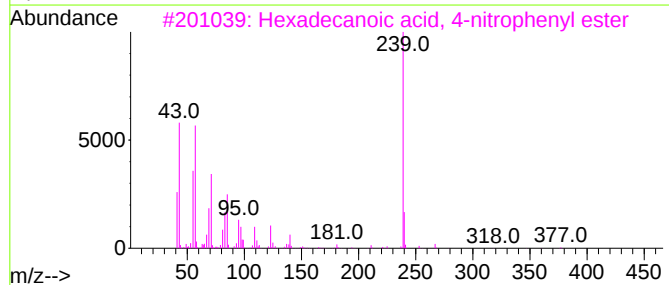
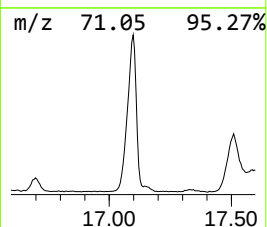
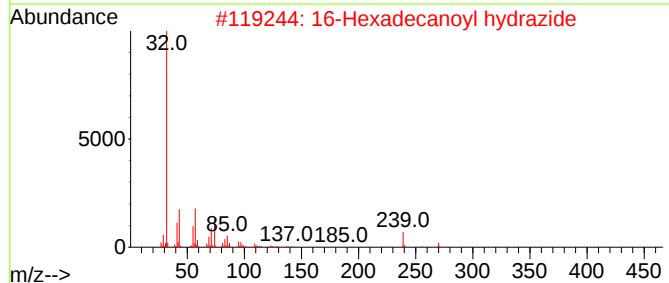
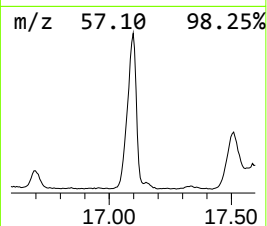
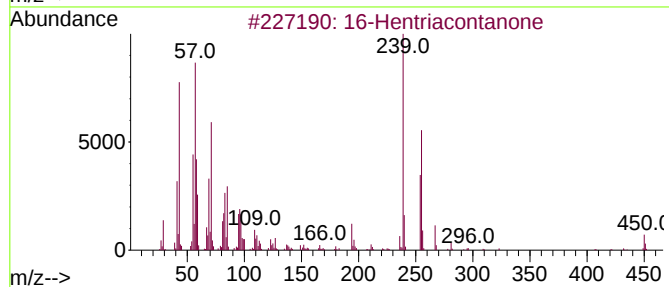
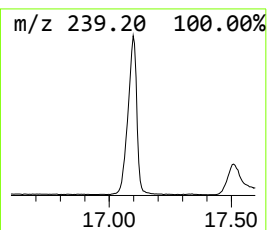
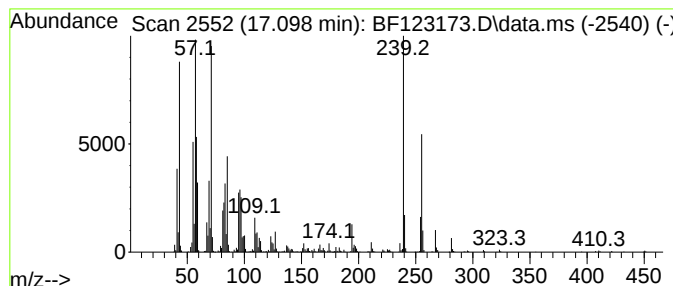
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 16-Hentriacontanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	140.31 ng	6813040	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Hentriacontanone	450	C31H62O	000502-73-8	62
2			16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	52
3			Hexadecanoic acid, 4-nitrophenyl...	377	C22H35NO4	001492-30-4	47
4			Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	46
5			2-Heptadecanone	254	C17H34O	002922-51-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
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Sample : M1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
AS-CON

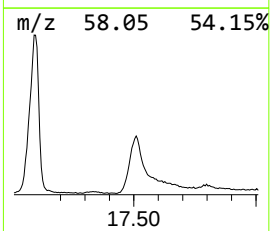
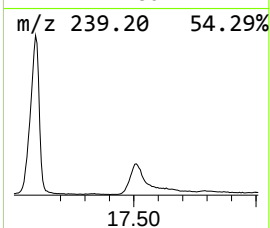
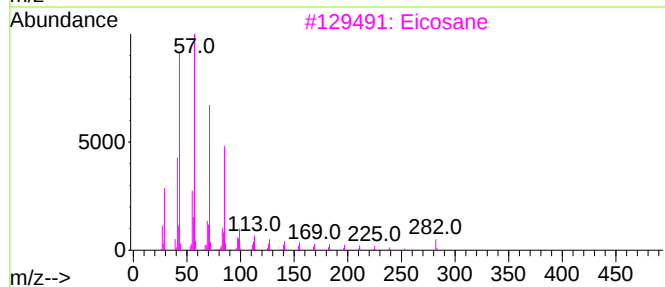
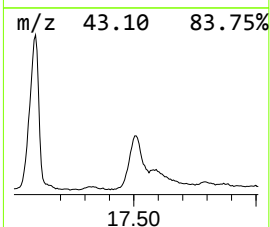
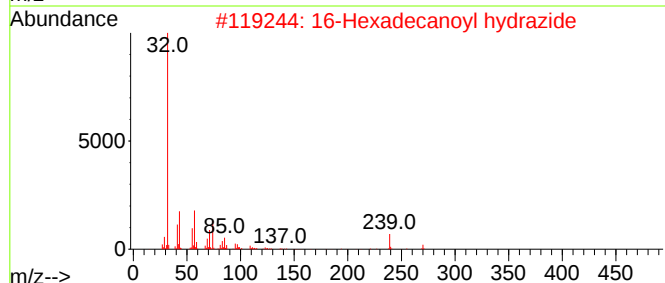
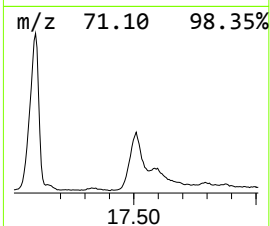
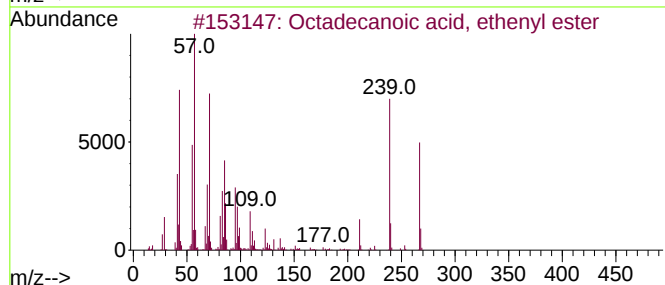
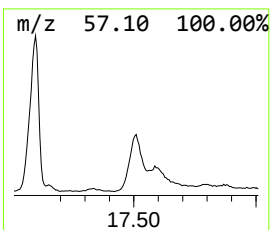
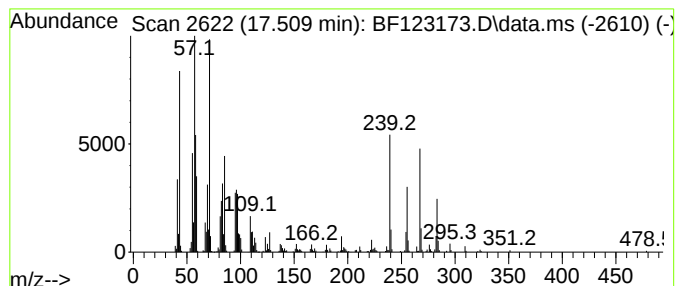
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.50 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.509	71.04 ng	3449330	Perylene-d12	15.545

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	49
2		16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	49
3		Eicosane	282	C20H42	000112-95-8	47
4		2-Nonadecanone	282	C19H38O	000629-66-3	46
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
Acq On : 10 Feb 2021 16:47
Operator : JU/CG
Sample : M1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AS-CON

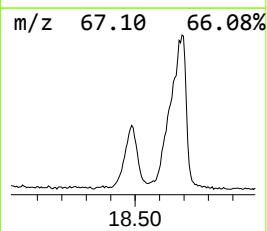
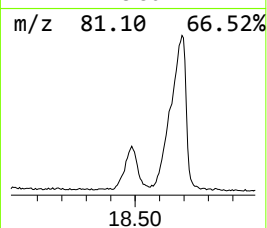
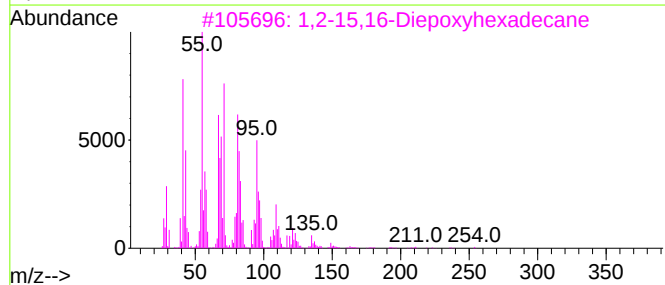
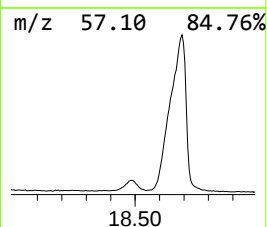
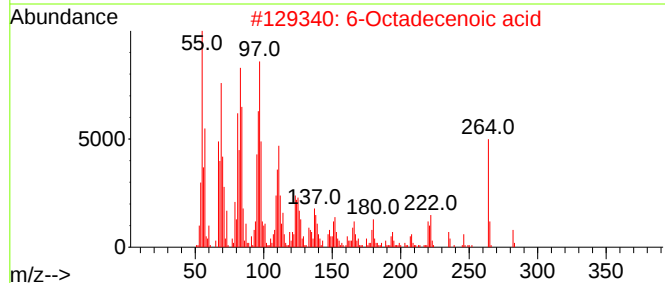
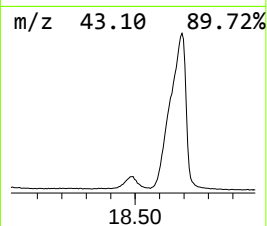
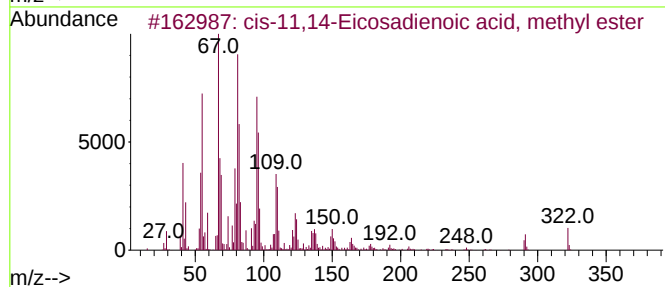
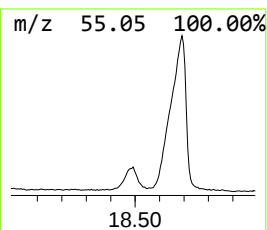
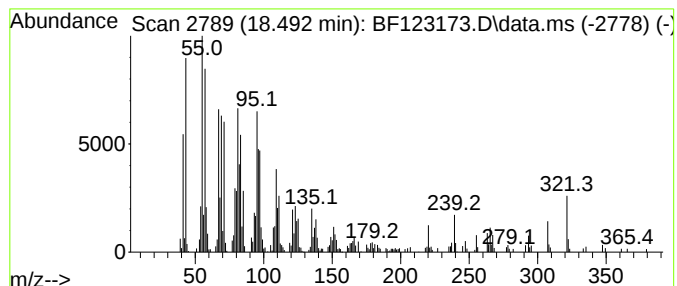
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 cis-11,14-Eicosadienoic aci... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	28.41 ng	1379460	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-11,14-Eicosadienoic acid, me...	322	C21H38O2	1000333-61-8	78
2			6-Octadecenoic acid	282	C18H34O2	1000336-66-8	50
3			1,2-15,16-Diepoxyhexadecane	254	C16H30O2	1000192-65-0	46
4			2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	46
5			5-Eicosyne	278	C20H38	074685-31-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123173.D
Acq On : 10 Feb 2021 16:47
Operator : JU/CG
Sample : M1348-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

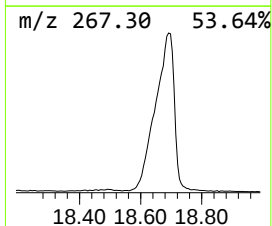
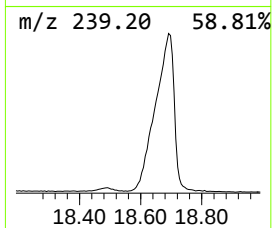
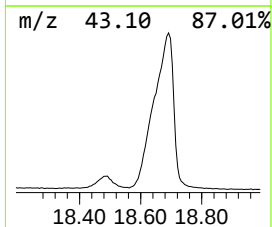
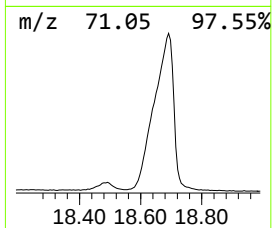
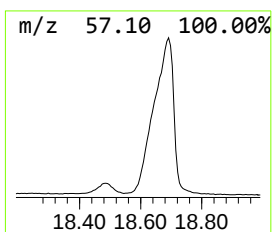
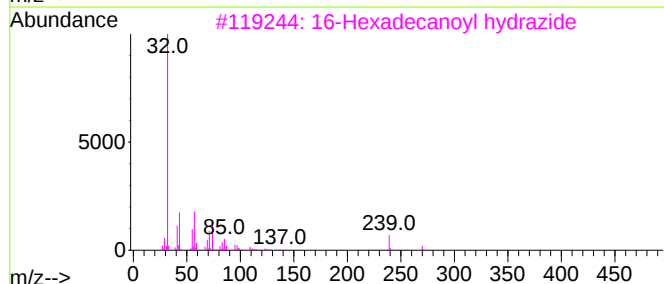
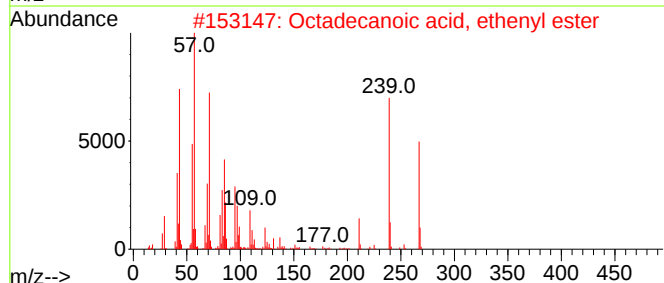
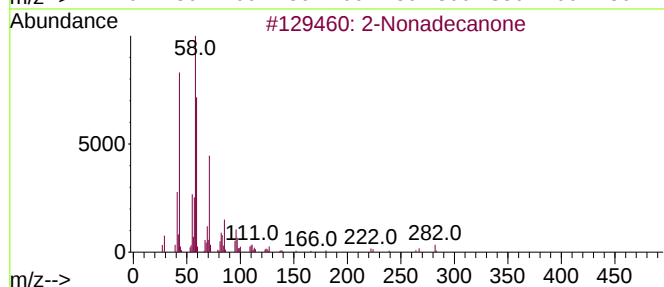
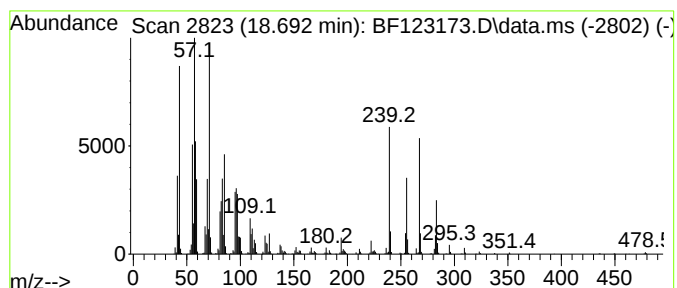
Instrument :
BNA_F
ClientSampleId :
AS-CON

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Nonadecanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.692	380.77 ng	18488900	Perylene-d12	15.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone	282	C19H38O	000629-66-3	60
2	Octadecanoic acid, ethenyl ester	310	C20H38O2	000111-63-7	58
3	16-Hexadecanoyl hydrazide	270	C16H34N2O	002619-88-7	49
4	Hexadecanal, 2-methyl-	254	C17H34O	055019-46-0	43
5	Decane, 5-propyl-	184	C13H28	017312-62-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
 Data File : BF123173.D
 Acq On : 10 Feb 2021 16:47
 Operator : JU/CG
 Sample : M1348-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AS-CON

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.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
3-Penten-2-one,...	4.481	74.0	ng	3002200	1	6.881	811060	20.0
Decane, 2,3,5-t...	9.328	36.2	ng	3793140	3	9.927	2093410	20.0
Tritetracontane	9.651	30.6	ng	3203040	3	9.927	2093410	20.0
Heptadecane	9.869	90.7	ng	9494960	3	9.927	2093410	20.0
Undecane	10.092	21.1	ng	2203220	3	9.927	2093410	20.0
Tetradecane, 4-...	10.180	22.9	ng	2399630	3	9.927	2093410	20.0
Hexadecane	10.363	61.7	ng	6462150	3	9.927	2093410	20.0
Tetradecane	10.833	37.9	ng	2441340	4	11.416	1289070	20.0
unknown11.71	11.716	43.6	ng	2809620	4	11.416	1289070	20.0
1,4-Benzenedica...	11.774	63.3	ng	4079300	4	11.416	1289070	20.0
Terephthalic ac...	11.822	151.6	ng	9770220	4	11.416	1289070	20.0
n-Hexadecanoic ...	11.957	111.3	ng	7172380	4	11.416	1289070	20.0
Octadecanoic acid	12.745	95.6	ng	6104000	5	14.063	1276920	20.0
Tetracosane	14.139	19.0	ng	1210720	5	14.063	1276920	20.0
Hexacosane	15.274	20.0	ng	972119	6	15.545	971141	20.0
Palmitic acid v...	15.857	22.9	ng	1110040	6	15.545	971141	20.0
16-Hentriaconta...	17.098	140.3	ng	6813040	6	15.545	971141	20.0
unknown17.50	17.509	71.0	ng	3449330	6	15.545	971141	20.0
cis-11,14-Eicos...	18.492	28.4	ng	1379460	6	15.545	971141	20.0
2-Nonadecanone	18.692	380.8	ng	18488900	6	15.545	971141	20.0