

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125830.D
 Acq On : 13 Oct 2021 16:52
 Operator : JU/CG
 Sample : M4161-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1

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-BF100721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	497	506	512	rVB	62900	78623	1.54%	0.122%
2	5.463	569	574	577	rBV	4218984	4058474	79.67%	6.311%
3	6.469	740	745	748	rBV	3541589	4047570	79.45%	6.294%
4	6.845	805	809	812	rBV	1375841	1127035	22.12%	1.752%
5	6.922	819	822	826	rVB	140378	105306	2.07%	0.164%
6	7.404	899	904	907	rBV	2956666	2632376	51.67%	4.093%
7	8.028	1006	1010	1015	rBV	761137	647941	12.72%	1.008%
8	8.122	1023	1026	1029	rBV	1685127	1476147	28.98%	2.295%
9	9.198	1205	1209	1212	rBV	5253299	4437968	87.12%	6.901%
10	9.516	1260	1263	1265	rBV2	72279	62757	1.23%	0.098%
11	9.539	1265	1267	1270	rVV	154951	122152	2.40%	0.190%
12	9.604	1272	1278	1281	rVV5	37672	71139	1.40%	0.111%
13	9.639	1281	1284	1288	rVB	151751	121796	2.39%	0.189%
14	9.875	1319	1324	1327	rBV	1772057	1543324	30.30%	2.400%
15	9.910	1327	1330	1333	rVB	139888	139379	2.74%	0.217%
16	9.998	1342	1345	1349	rBV	162611	154425	3.03%	0.240%
17	10.033	1349	1351	1355	rVB	63276	54301	1.07%	0.084%
18	10.551	1437	1439	1442	rVB2	70124	55717	1.09%	0.087%
19	10.663	1454	1458	1461	rBV	2785799	2374664	46.61%	3.692%
20	10.786	1476	1479	1483	rVB2	72236	71914	1.41%	0.112%
21	11.022	1516	1519	1524	rBV3	88486	82944	1.63%	0.129%
22	11.227	1550	1554	1557	rBV5	40053	59676	1.17%	0.093%
23	11.304	1565	1567	1571	rBV	121569	120152	2.36%	0.187%
24	11.357	1571	1576	1579	rVV	1543962	1332374	26.15%	2.072%
25	11.392	1579	1582	1584	rVV2	348155	347149	6.81%	0.540%
26	11.416	1584	1586	1592	rVB2	195887	188755	3.71%	0.294%
27	11.498	1597	1600	1603	rVB	97144	91965	1.81%	0.143%
28	11.580	1611	1614	1621	rBV3	135683	172862	3.39%	0.269%
29	11.751	1641	1643	1646	rVB	76648	69485	1.36%	0.108%
30	11.816	1650	1654	1657	rBV	256305	273733	5.37%	0.426%
31	11.851	1657	1660	1663	rVB3	187415	189233	3.71%	0.294%
32	11.892	1663	1667	1670	rBV	1393231	1209214	23.74%	1.880%
33	12.057	1692	1695	1704	rVB2	447738	453421	8.90%	0.705%
34	12.145	1707	1710	1713	rBV3	90012	103542	2.03%	0.161%
35	12.174	1713	1715	1720	rVB5	56373	64801	1.27%	0.101%
36	12.251	1725	1728	1731	rVV	94185	94167	1.85%	0.146%

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Min Area: 3 % of largest Peak

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Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	12.286	1731	1734	1736	rVV3	80348	94512	1.86%	0.147%
38	12.310	1736	1738	1740	rVB	91928	74845	1.47%	0.116%
39	12.439	1757	1760	1761	rBV2	57219	57707	1.13%	0.090%
40	12.457	1761	1763	1766	rVB2	113627	105307	2.07%	0.164%

41	12.510	1767	1772	1778	rBV2	296836	393968	7.73%	0.613%
42	12.569	1779	1782	1784	rBV	342680	313467	6.15%	0.487%
43	12.616	1784	1790	1797	rVV	1048176	1258918	24.71%	1.958%
44	12.674	1797	1800	1805	rVV	391382	424738	8.34%	0.660%
45	12.739	1809	1811	1814	rVB	111403	90005	1.77%	0.140%

46	12.798	1819	1821	1828	rVB	257548	290674	5.71%	0.452%
47	12.945	1842	1846	1849	rBV	3887717	3348910	65.74%	5.207%
48	13.180	1884	1886	1890	rBV3	92365	116346	2.28%	0.181%
49	13.216	1890	1892	1897	rVV4	68653	100341	1.97%	0.156%
50	13.380	1917	1920	1921	rBV	371391	306726	6.02%	0.477%

51	13.516	1941	1943	1946	rBV2	84482	90079	1.77%	0.140%
52	13.551	1947	1949	1955	rVB5	92022	121605	2.39%	0.189%
53	13.680	1968	1971	1973	rBV2	117119	125576	2.47%	0.195%
54	13.704	1973	1975	1978	rVB3	129515	111078	2.18%	0.173%
55	13.774	1984	1987	1988	rBV	112243	88441	1.74%	0.138%

56	13.798	1988	1991	1995	rVV2	341847	340625	6.69%	0.530%
57	13.845	1996	1999	2009	rVB2	619547	758956	14.90%	1.180%
58	13.921	2009	2012	2017	rBV	266780	275942	5.42%	0.429%
59	13.992	2020	2024	2027	rVV2	1150052	1271747	24.96%	1.977%
60	14.021	2027	2029	2033	rVB	190571	154661	3.04%	0.240%

61	14.474	2102	2106	2113	rBV2	784704	1133300	22.25%	1.762%
62	14.627	2128	2132	2136	rBV	3107014	2797999	54.92%	4.351%
63	14.851	2167	2170	2176	rVB	337346	344921	6.77%	0.536%
64	14.915	2179	2181	2187	rVB2	120185	120429	2.36%	0.187%
65	15.027	2197	2200	2204	rBV	142624	190197	3.73%	0.296%

66	15.110	2210	2214	2217	rBV	1131724	1349374	26.49%	2.098%
67	15.139	2217	2219	2226	rVB	703737	829135	16.28%	1.289%
68	15.451	2268	2272	2276	rBV2	658410	791088	15.53%	1.230%
69	15.927	2348	2353	2358	rBV	932543	1328382	26.08%	2.066%
70	15.980	2358	2362	2370	rVB	239055	421760	8.28%	0.656%

71	16.192	2395	2398	2409	rVB2	217180	388586	7.63%	0.604%
72	17.027	2536	2540	2546	rVB2	211459	388052	7.62%	0.603%
73	17.098	2547	2552	2557	rBV7	238448	586702	11.52%	0.912%
74	17.274	2576	2582	2590	rBV6	364759	809335	15.89%	1.258%
75	17.521	2615	2624	2637	rBV4	1257986	5094254	100.00%	7.921%

76	17.845	2674	2679	2683	rBV6	193587	434064	8.52%	0.675%
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ClientSampleId :
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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.980	2695	2702	2712	rBV	500767	1794967	35.24%	2.791%
78	18.080	2713	2719	2728	rVB4	834003	2273434	44.63%	3.535%
79	18.368	2754	2768	2779	rBV4	922815	3728157	73.18%	5.797%
80	18.533	2791	2796	2810	rVB5	333602	955823	18.76%	1.486%

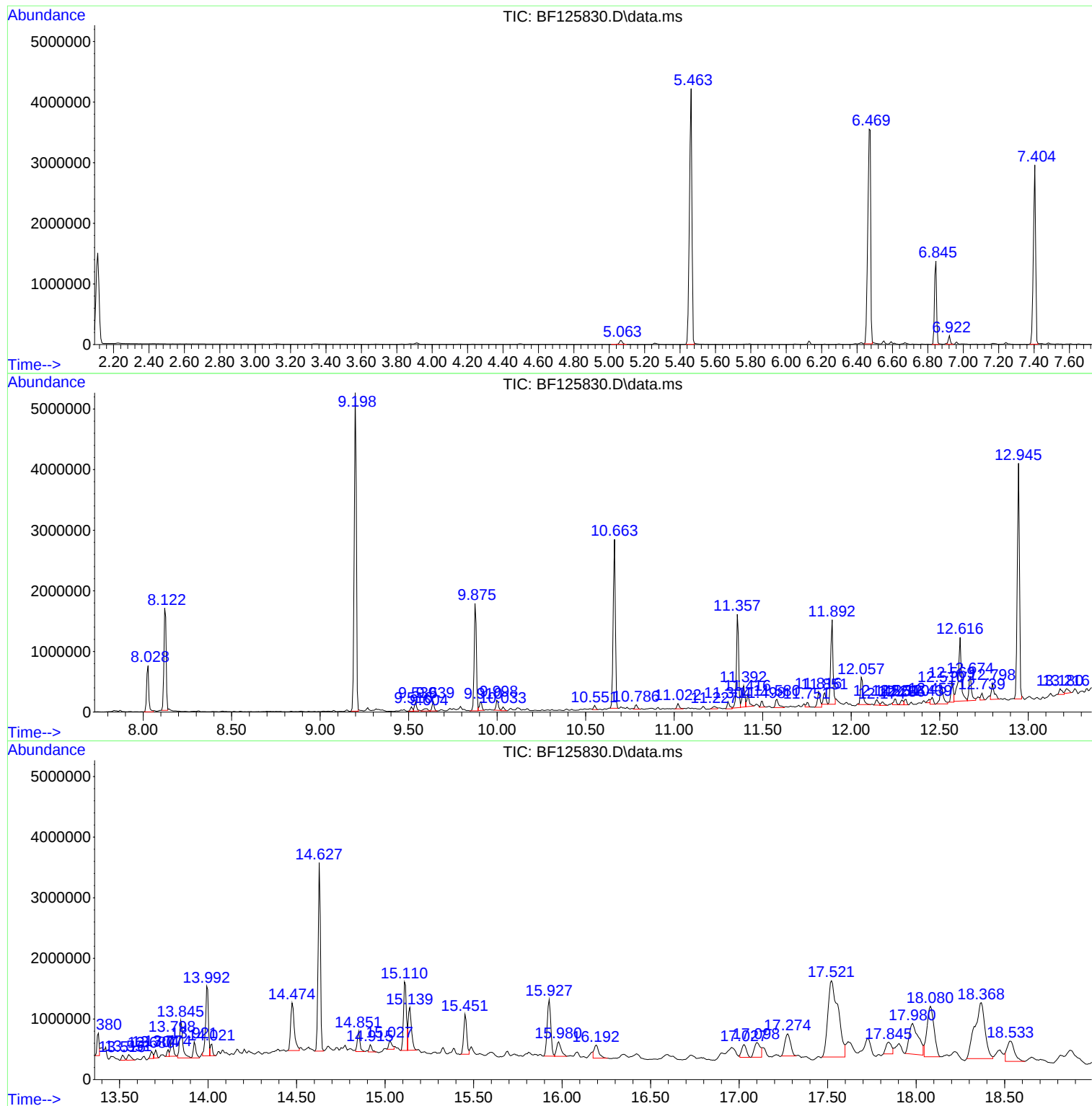
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Instrument :
BNA_F
ClientSampled :
T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
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Operator : JU/CG
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-1

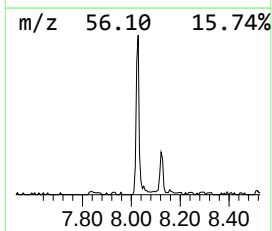
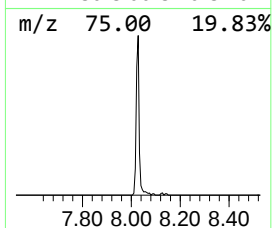
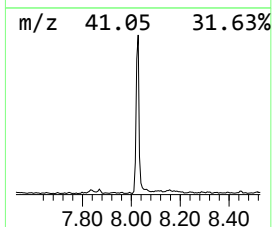
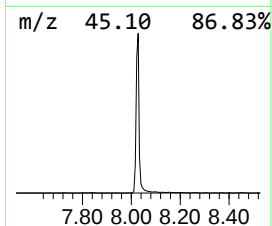
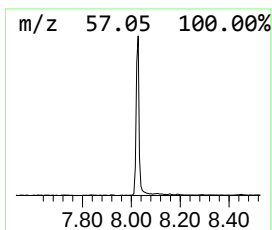
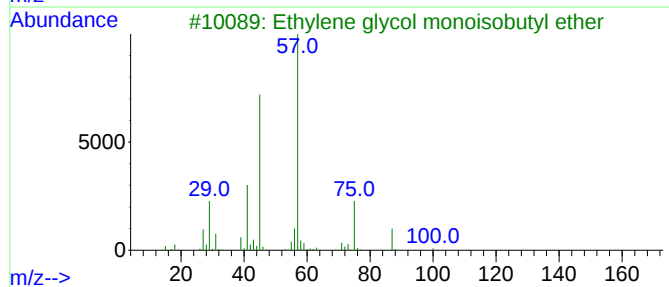
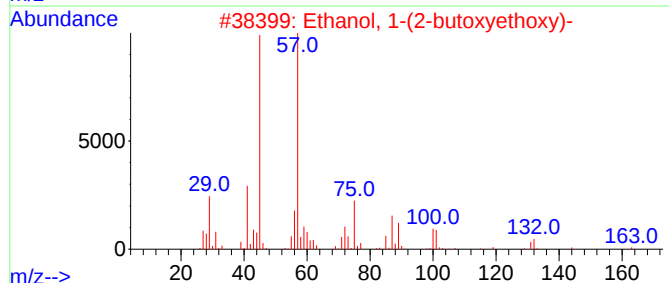
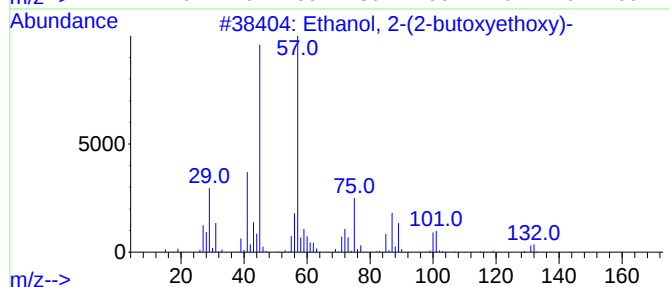
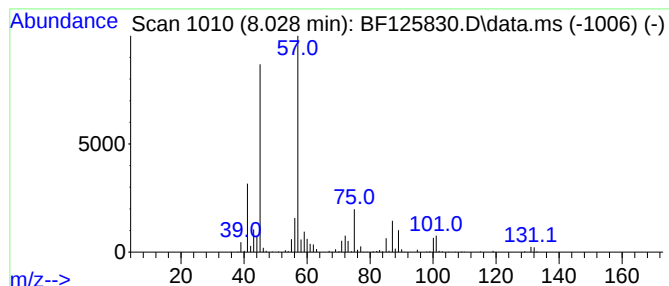
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.028	8.78 ng	647941	Naphthalene-d8	8.122

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50



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Misc :
ALS Vial : 15 Sample Multiplier: 1

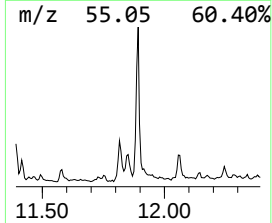
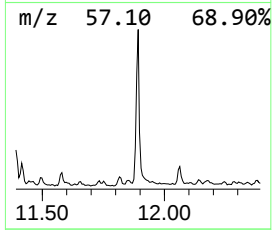
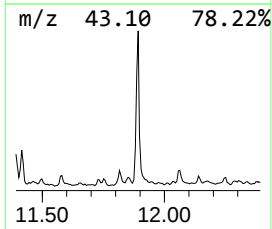
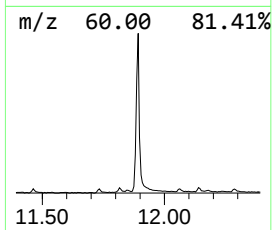
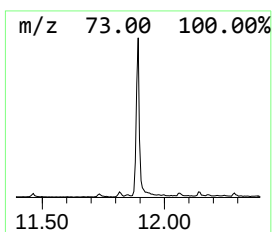
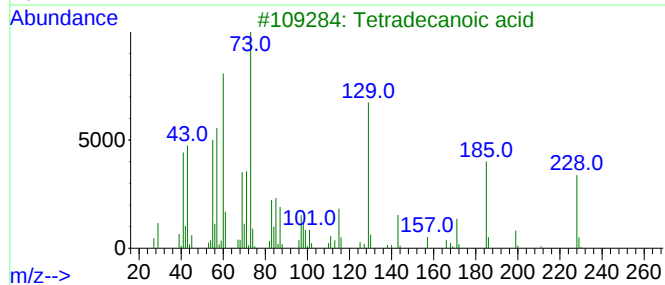
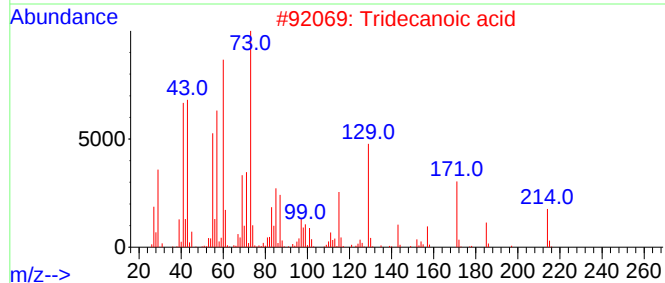
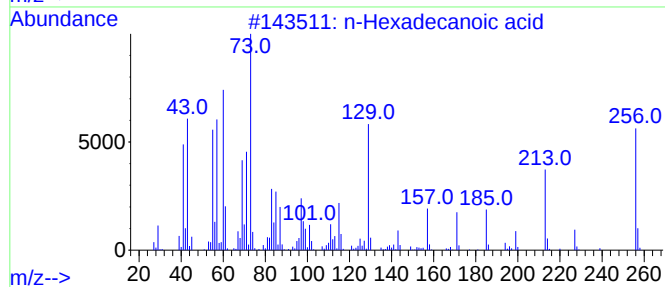
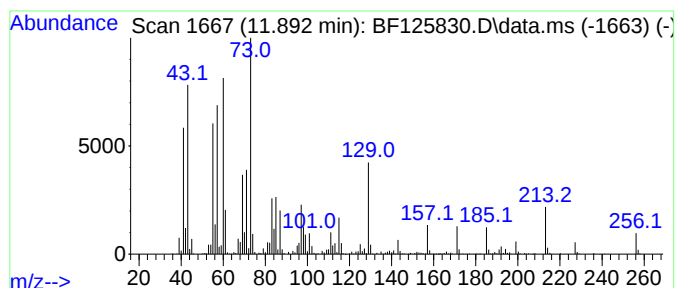
Instrument :
BNA_F
ClientSampled :
T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.892	18.15 ng	1209210	Phenanthrene-d10	11.357	
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	83



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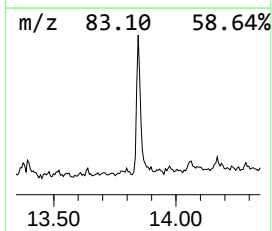
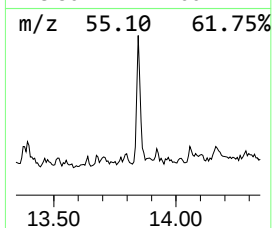
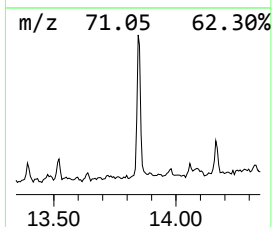
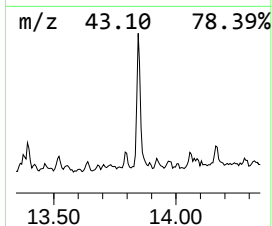
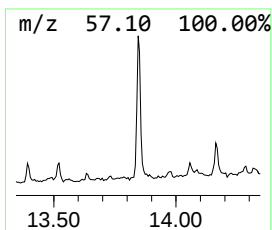
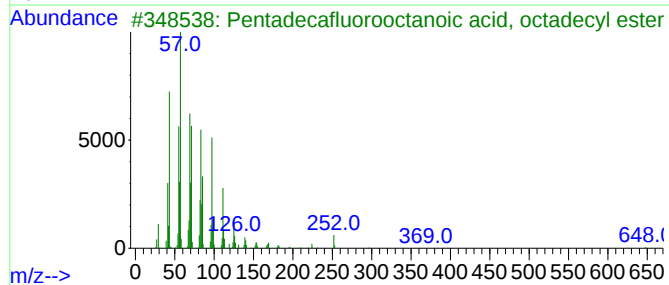
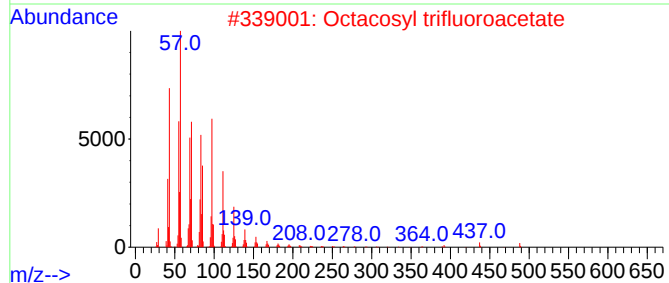
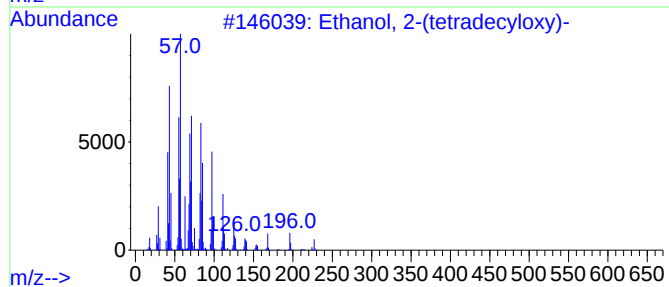
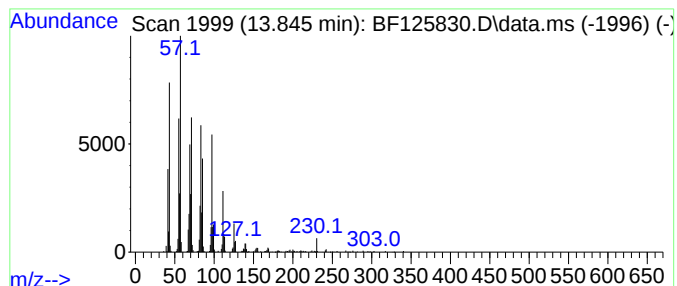
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.845	11.94 ng	758956	Chrysene-d12	13.998	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	83



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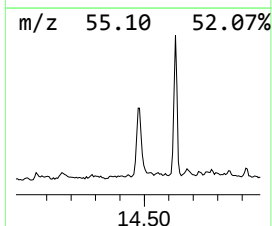
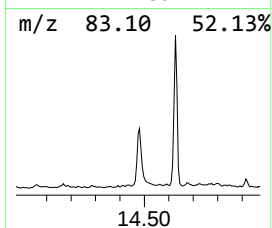
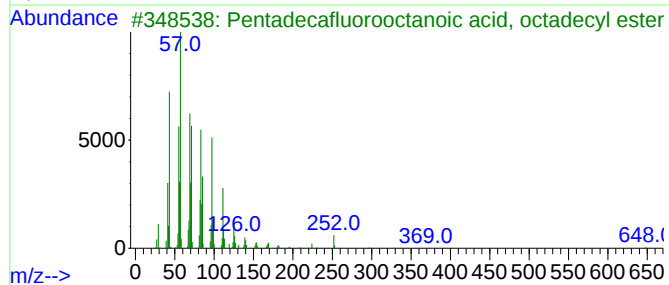
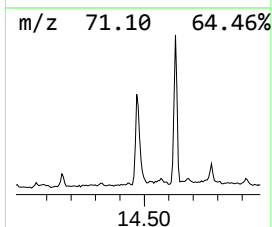
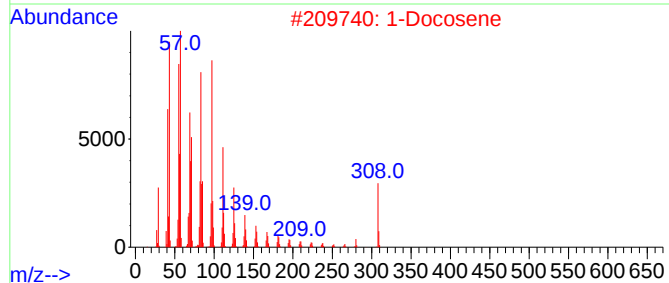
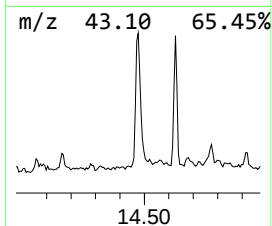
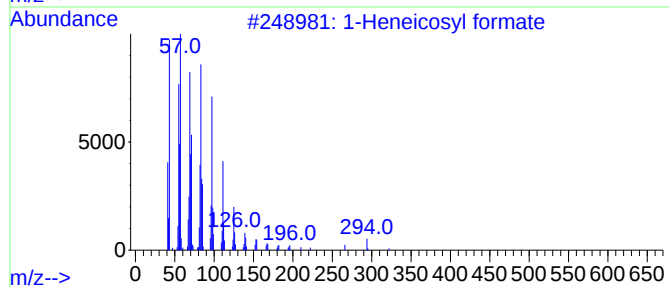
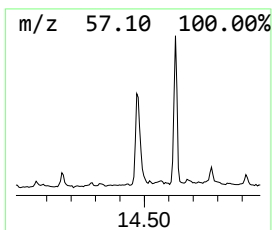
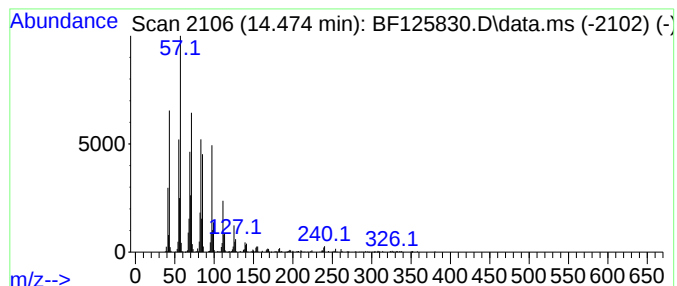
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Heneicosyl formate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.474	17.82 ng	1133300	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2			1-Docosene	308	C22H44	001599-67-3	90
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
4			Heptadecane	240	C17H36	000629-78-7	83
5			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
Acq On : 13 Oct 2021 16:52
Operator : JU/CG
Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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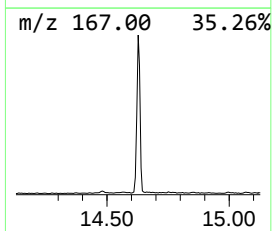
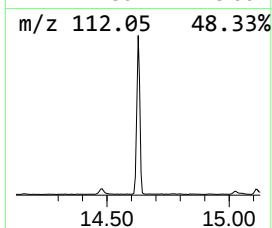
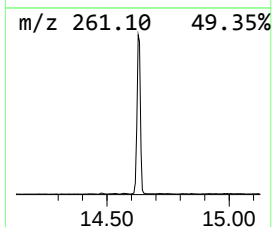
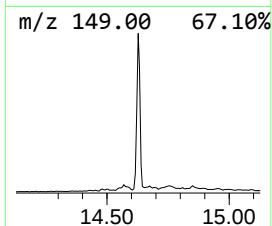
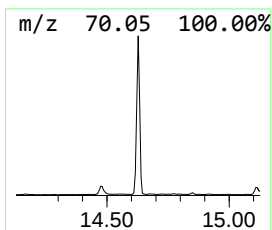
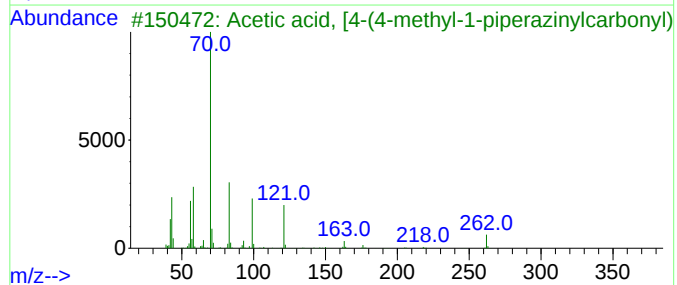
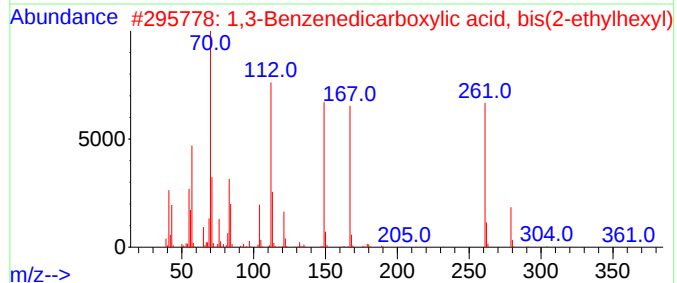
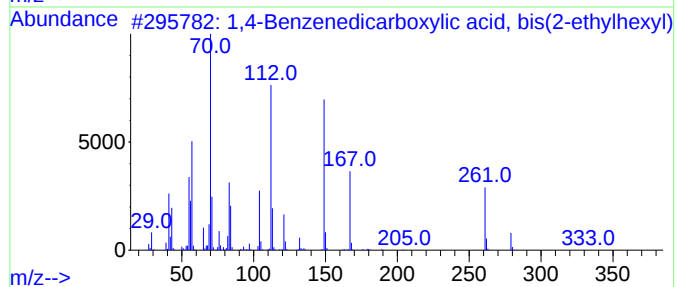
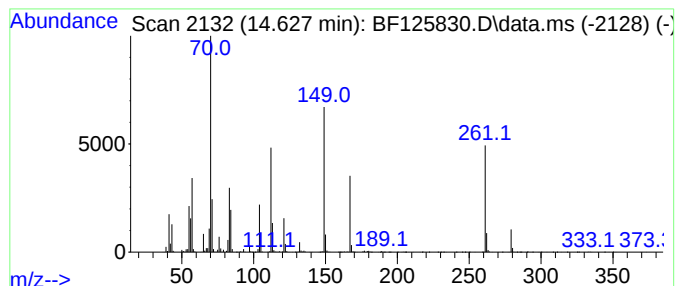
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.627	44.00 ng	2798000	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	76
2			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
3			Acetic acid, [4-(4-methyl-1-pipe...	262	C14H18N2O3	346699-90-9	22
4			Fumaric acid, 2-ethylhexyl hexyl...	312	C18H32O4	1000339-14-1	22
5			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
Acq On : 13 Oct 2021 16:52
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Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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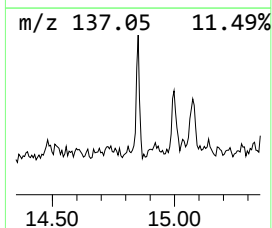
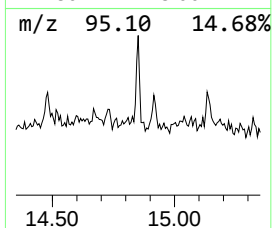
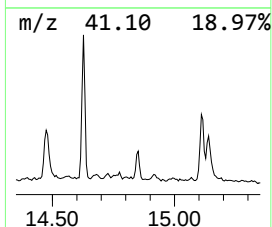
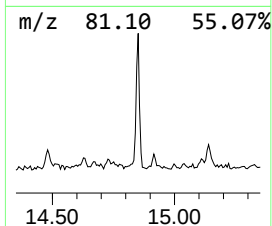
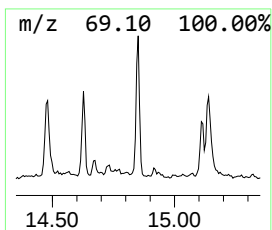
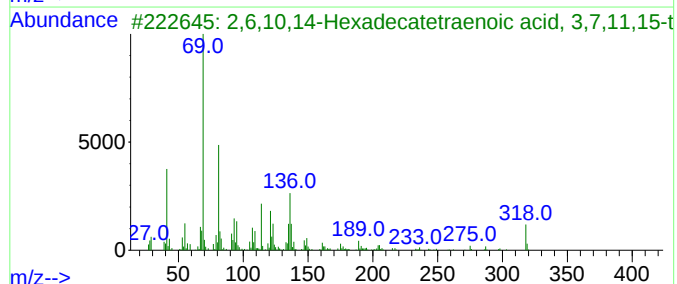
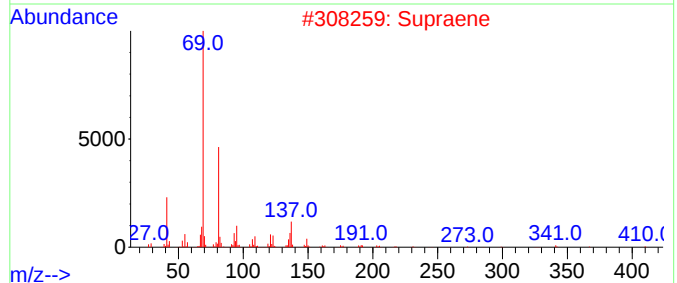
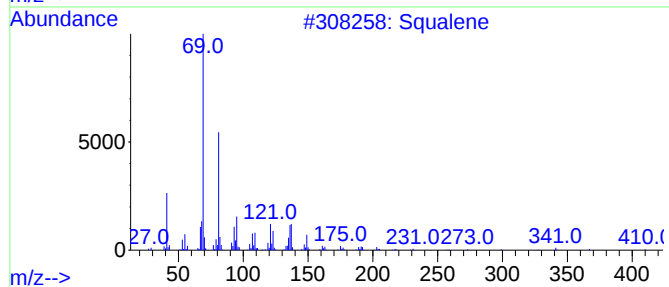
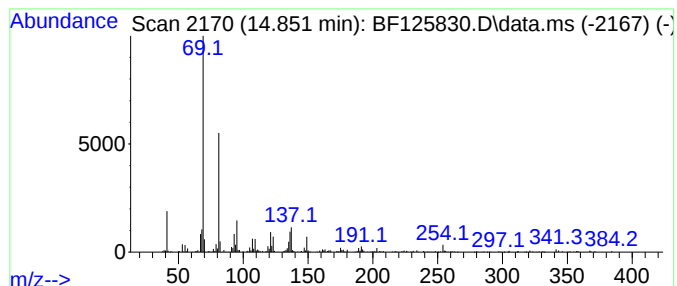
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	8.72 ng	344921	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	91
2			Supraene	410	C30H50	007683-64-9	91
3			2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	72
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	68
5			2,6-Octadiene, 1-(2-bromophenoxy...	308	C16H21BrO	1000163-04-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
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Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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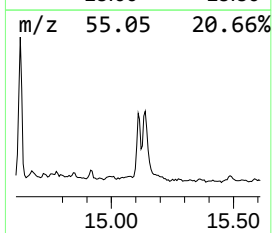
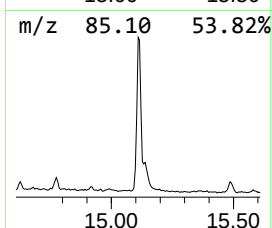
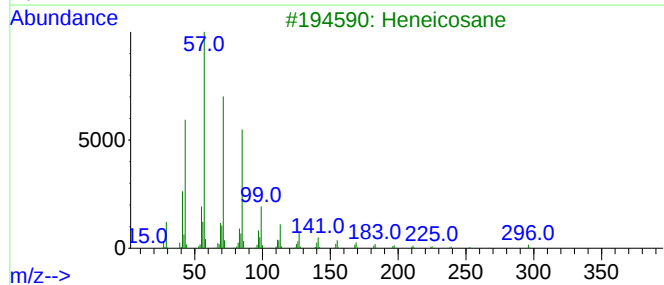
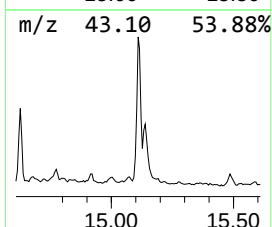
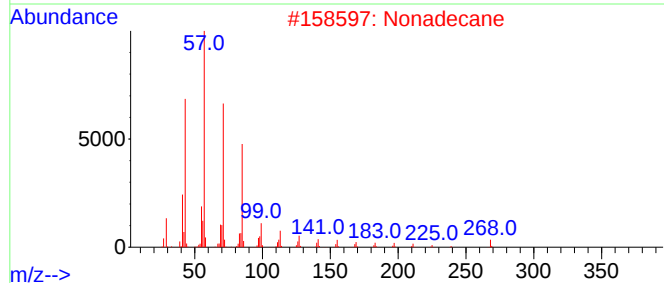
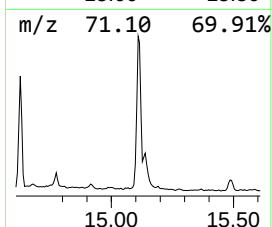
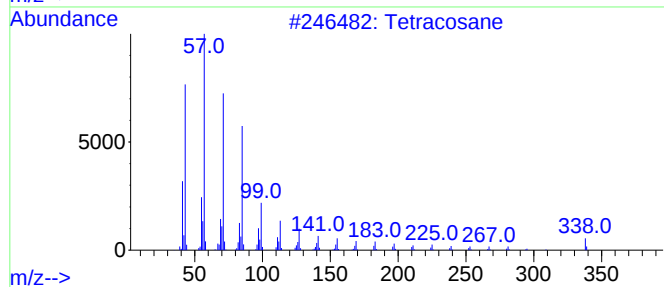
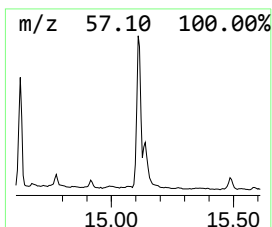
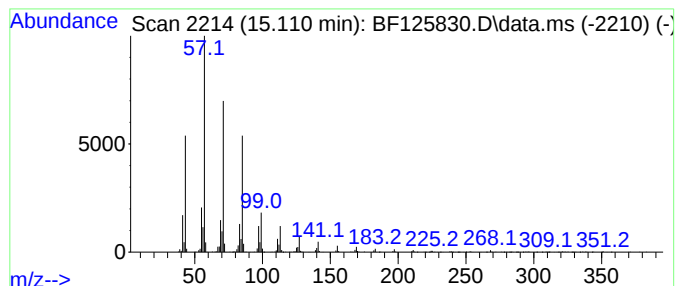
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	34.11 ng	1349370	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			Nonadecane	268	C19H40	000629-92-5	95
3			Heneicosane	296	C21H44	000629-94-7	91
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5			Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
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Sample : M4161-01
Misc :
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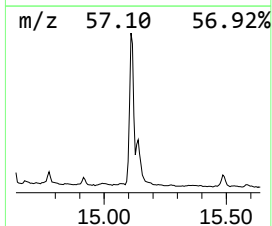
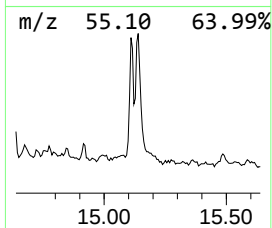
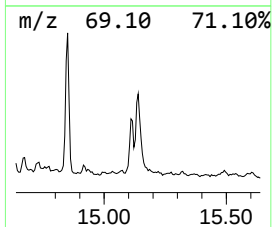
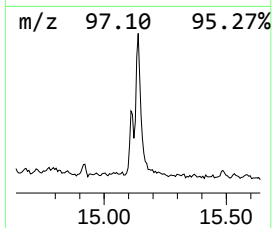
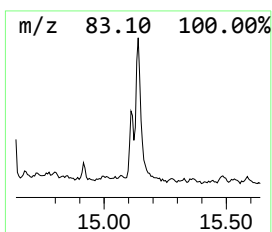
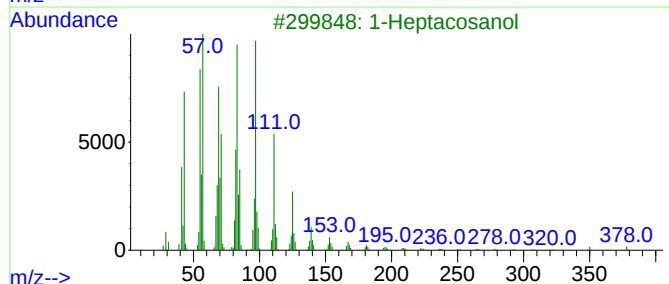
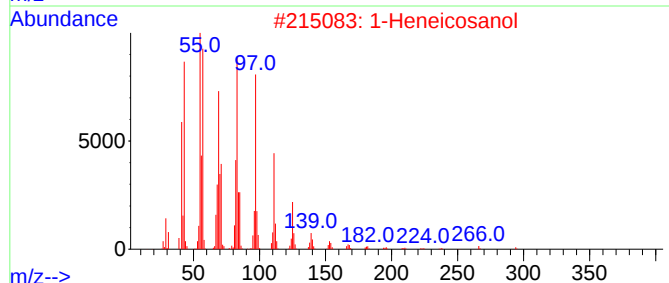
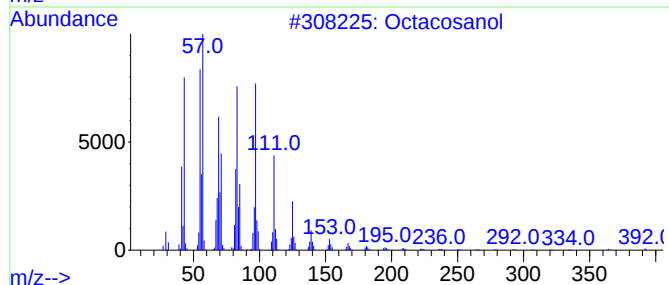
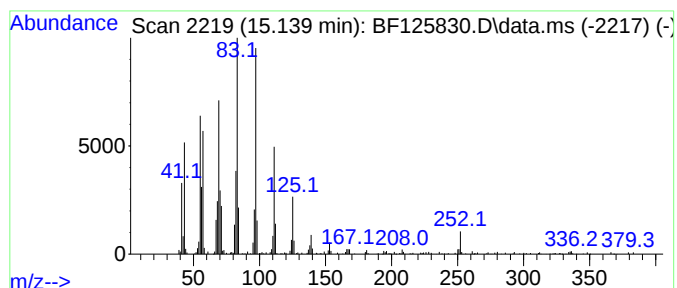
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.139	20.96 ng	829135	Perylene-d12	15.451	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
Acq On : 13 Oct 2021 16:52
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Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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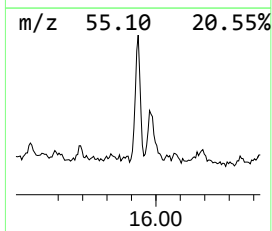
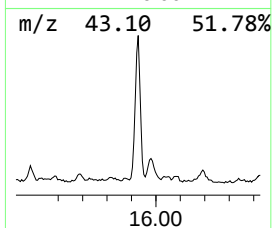
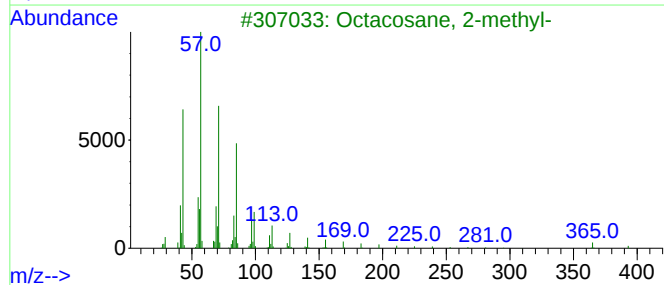
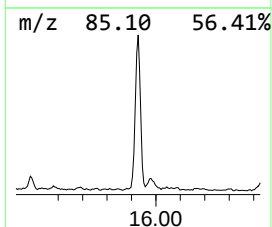
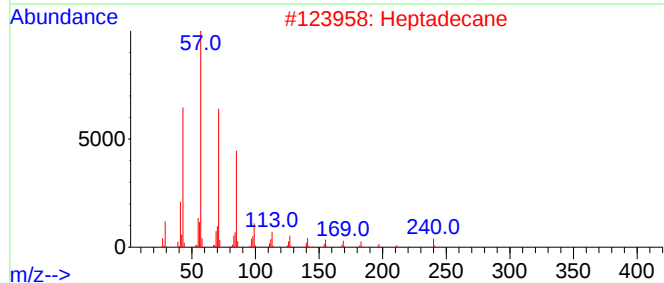
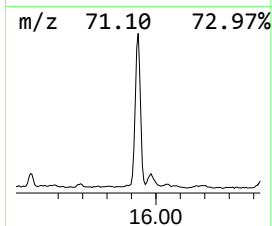
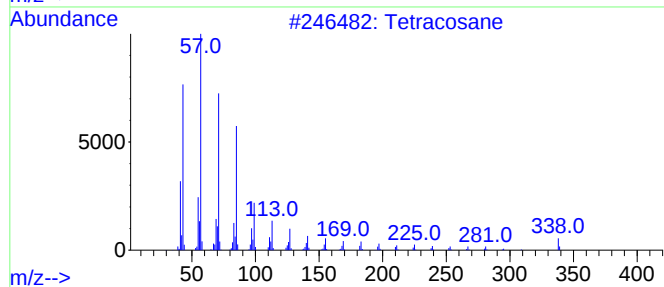
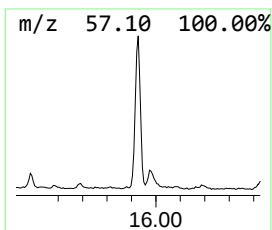
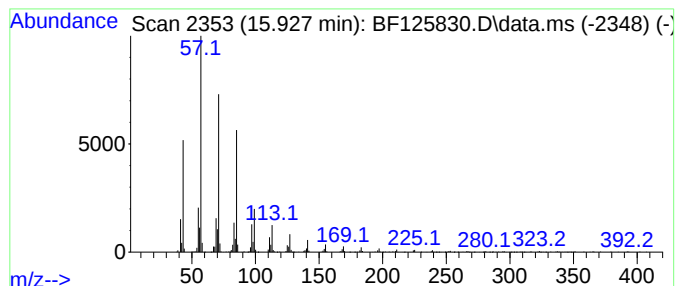
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.927	33.58 ng	1328380	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	96
2			Heptadecane	240	C17H36	000629-78-7	94
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
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Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampled :
T-1

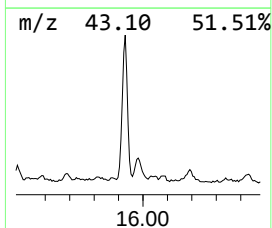
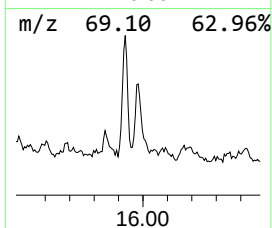
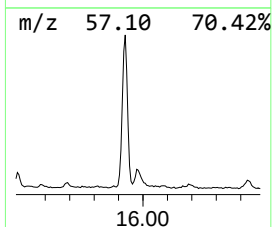
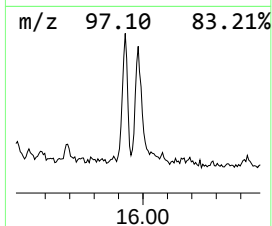
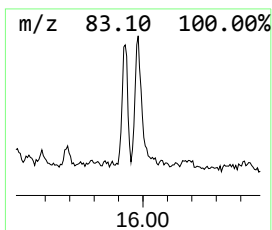
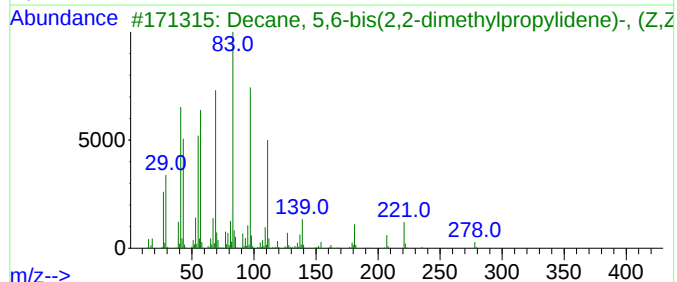
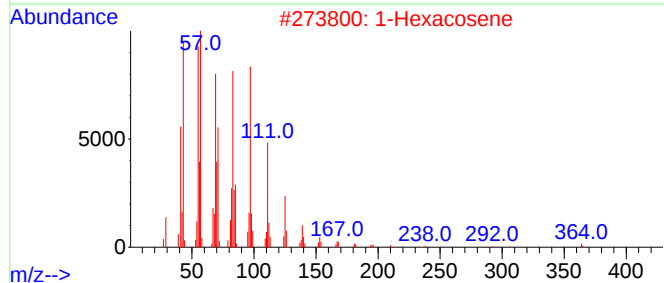
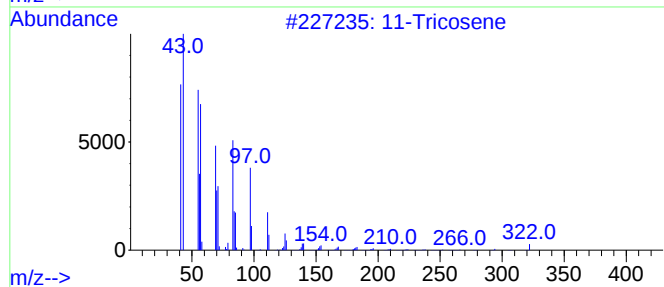
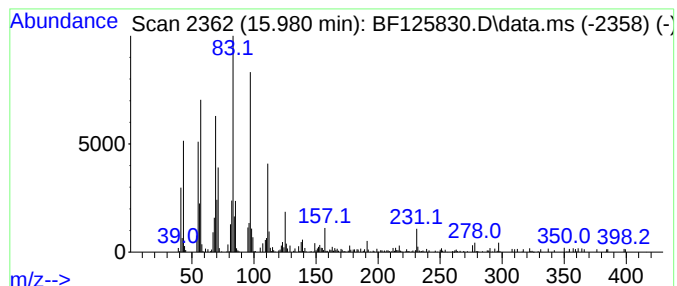
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11-Tricosene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	10.66 ng	421760	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Tricosene	322	C23H46	052078-56-5	83
2			1-Hexacosene	364	C26H52	018835-33-1	68
3			Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	62
4			1-Heptacosanol	396	C27H56O	002004-39-9	60
5			Octacosanol	410	C28H58O	000557-61-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
Acq On : 13 Oct 2021 16:52
Operator : JU/CG
Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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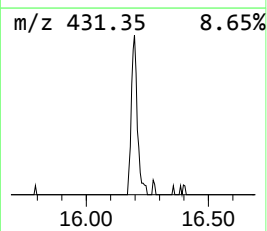
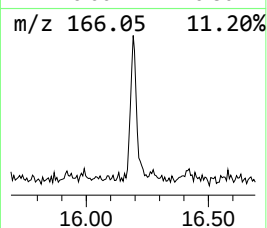
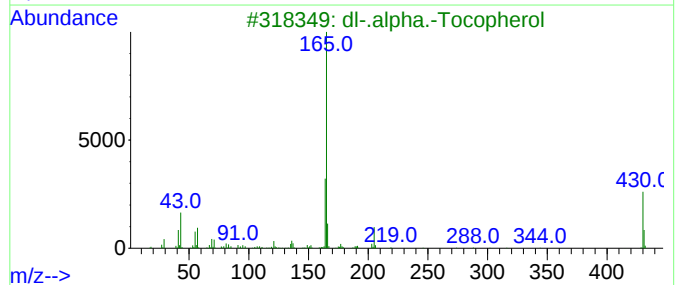
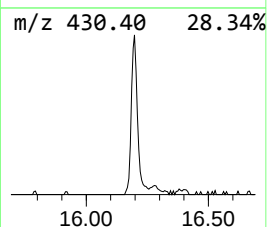
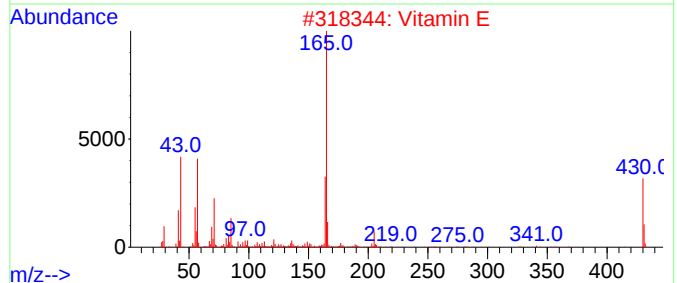
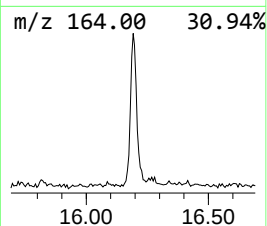
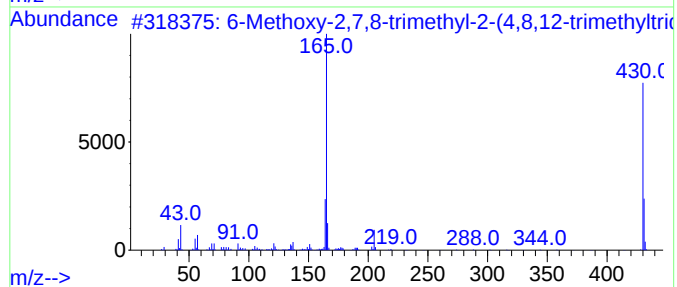
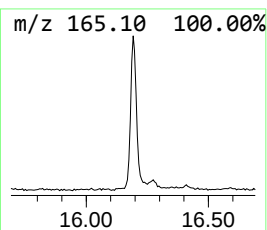
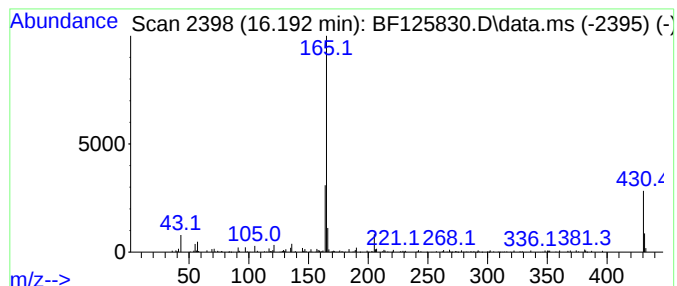
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 6-Methoxy-2,7,8-trimethyl-2... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.192	9.82 ng	388586	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Methoxy-2,7,8-trimethyl-2-(4,8...	430	C29H50O2	079306-82-4	95
2			Vitamin E	430	C29H50O2	000059-02-9	94
3			dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	94
4			.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1010156-68-2	83
5			Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7NO3	007472-18-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
Acq On : 13 Oct 2021 16:52
Operator : JU/CG
Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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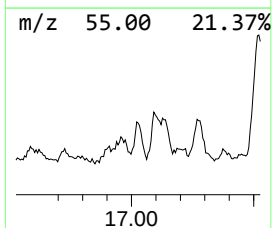
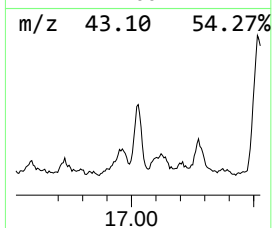
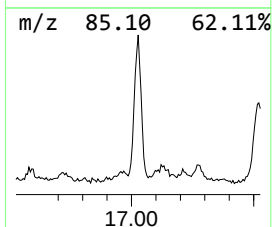
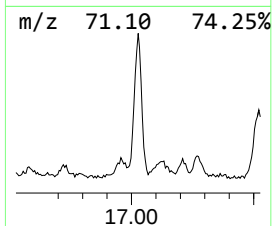
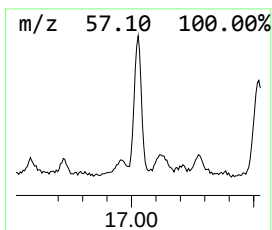
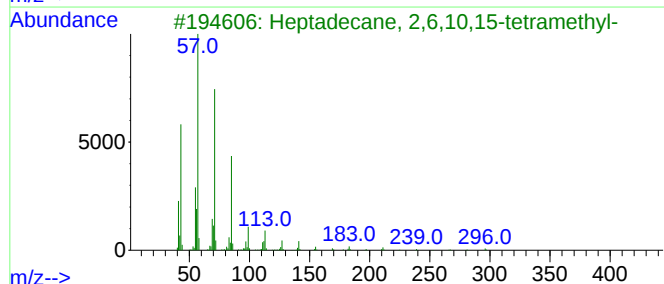
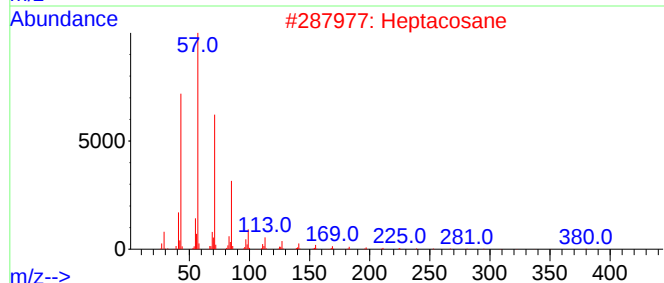
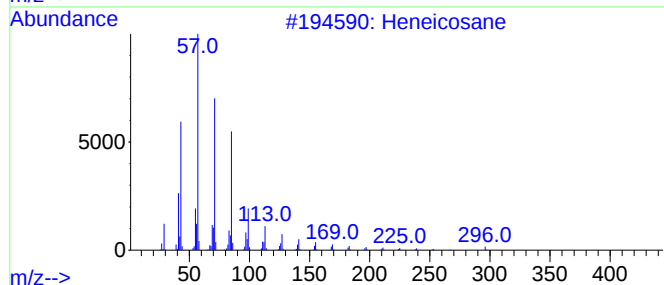
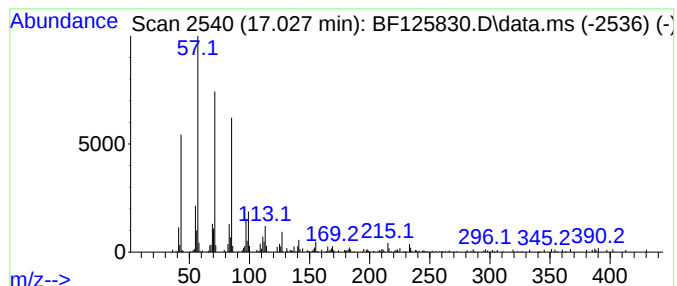
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.027	9.81 ng	388052	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Heptacosane	380	C27H56	000593-49-7	93
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
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Operator : JU/CG
Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

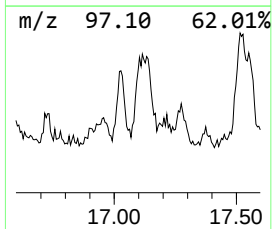
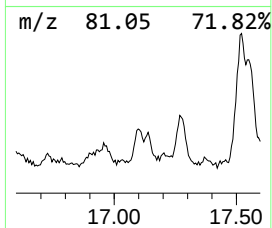
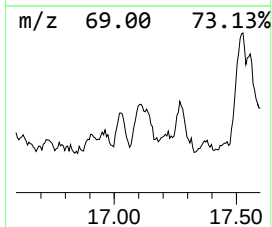
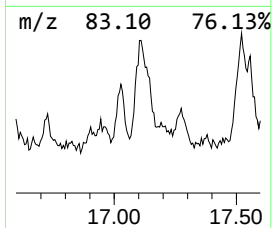
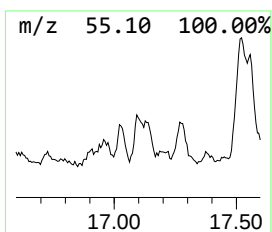
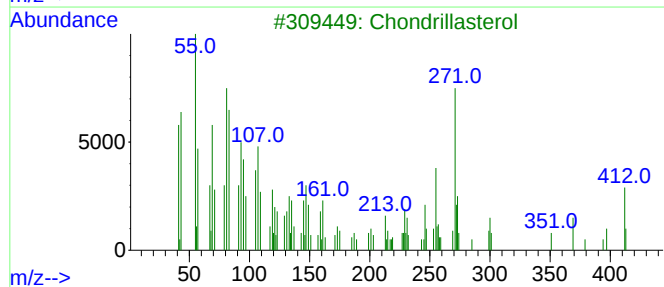
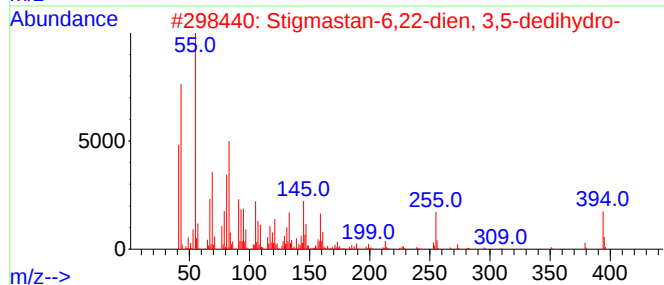
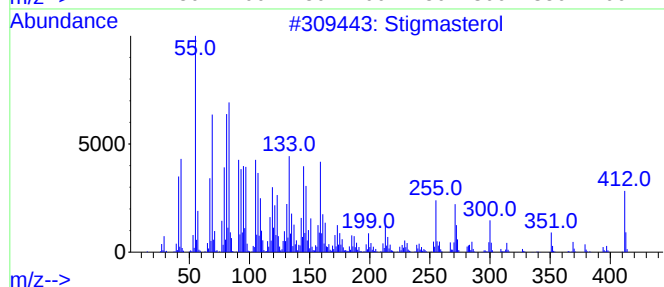
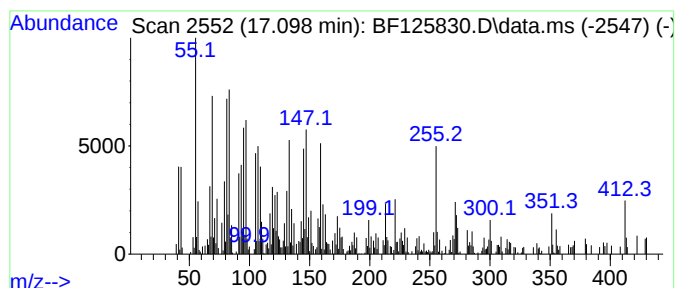
Instrument :
BNA_F
ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Stigmasterol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	14.83 ng	586702	Perylene-d12	15.451
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmasterol	412 C29H48O	000083-48-7 99
2		Stigmastan-6,22-dien, 3,5-dedihy...	394 C29H46	107304-12-1 90
3		Chondrillasterol	412 C29H48O	000481-17-4 55
4		Methyl (25rs)-3.beta.-acetoxo-5-...	472 C30H48O4	103160-13-0 49
5		Stigmasteryl tosylate	566 C36H54O3S	053139-42-7 28



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
Acq On : 13 Oct 2021 16:52
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Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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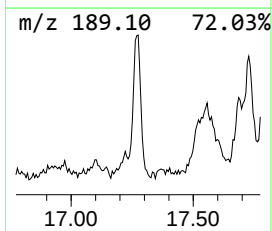
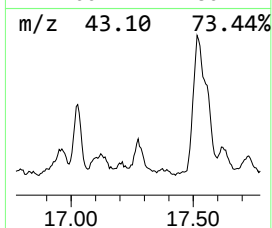
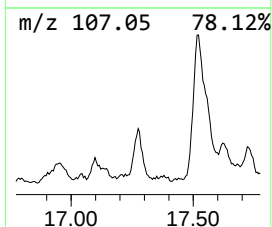
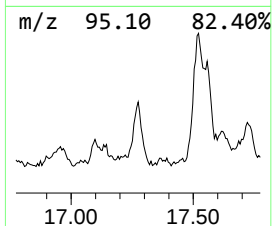
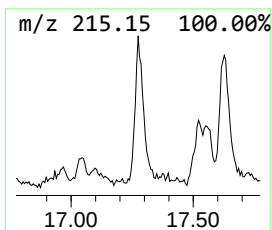
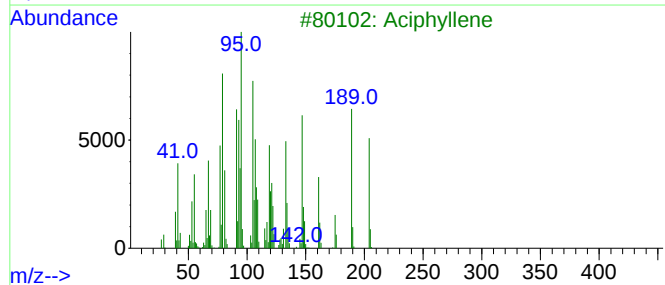
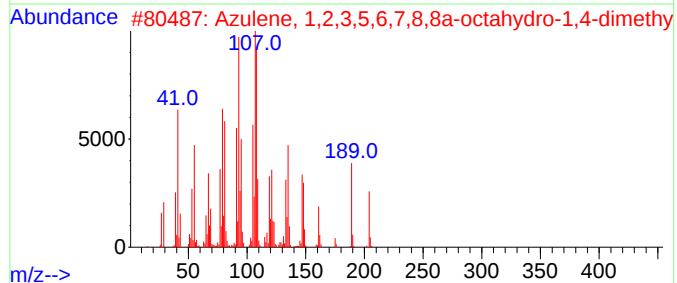
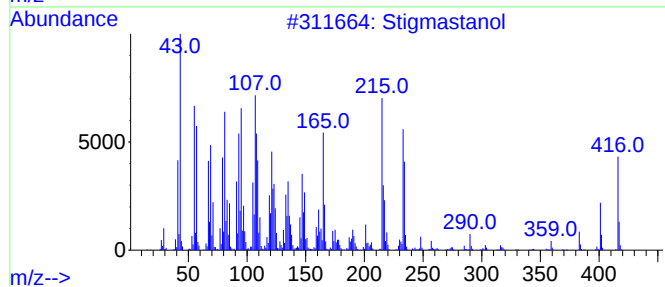
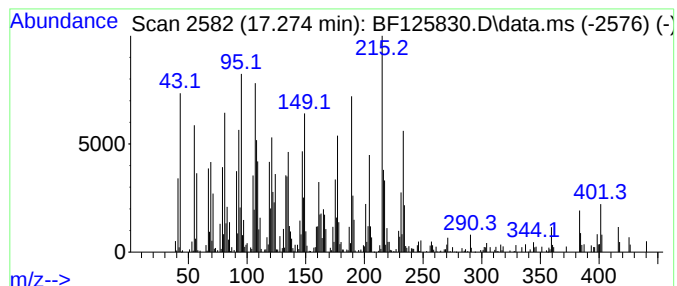
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown17.274 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.274	20.46 ng	809335	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Stigmastanol	416	C29H52O	019466-47-8	68
2			Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	47
3			Aciphyllene	204	C15H24	087745-31-1	47
4			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	44
5			Lupeol	426	C30H50O	000545-47-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
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Acq On : 13 Oct 2021 16:52
Operator : JU/CG
Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

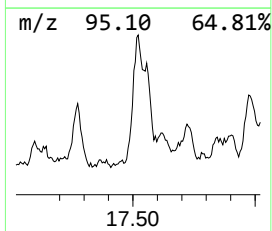
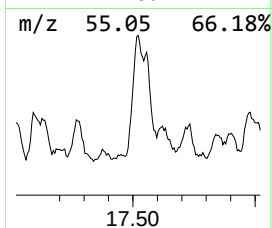
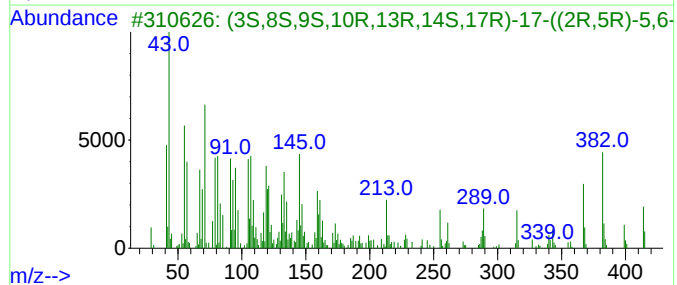
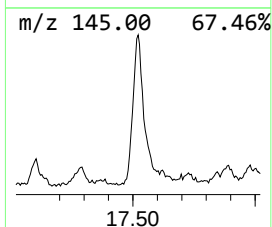
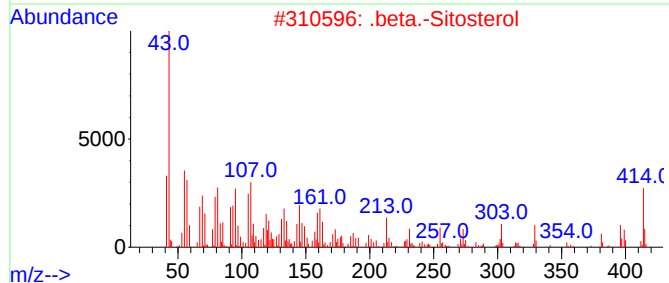
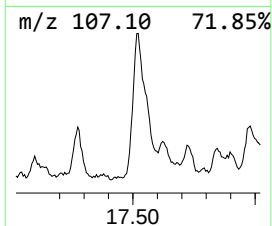
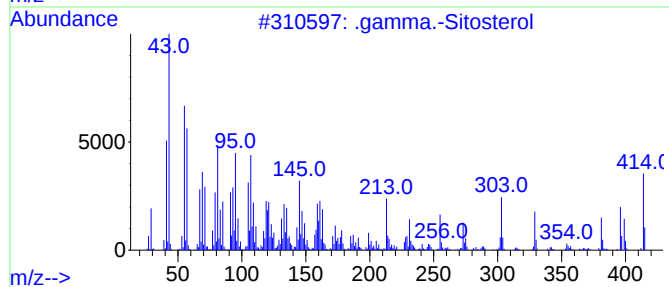
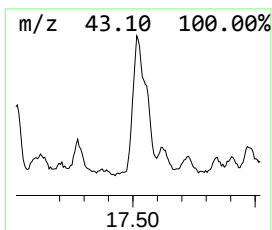
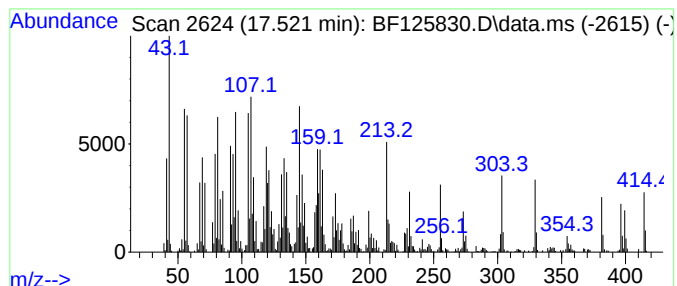
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.521	128.79 ng	5094250	Perylene-d12	15.451	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	83
3	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	50
4	Campesterol	400	C28H48O	000474-62-4	35
5	17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
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Misc :
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Instrument :
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ClientSampleId :
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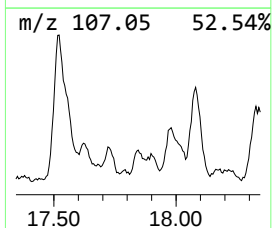
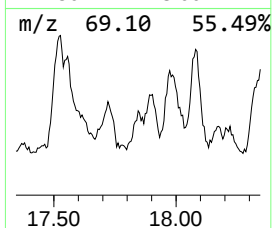
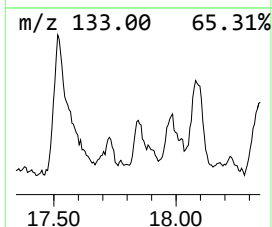
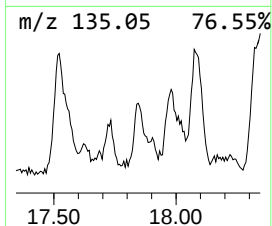
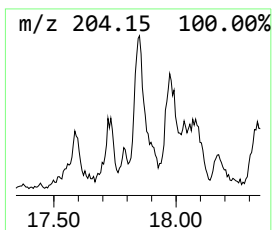
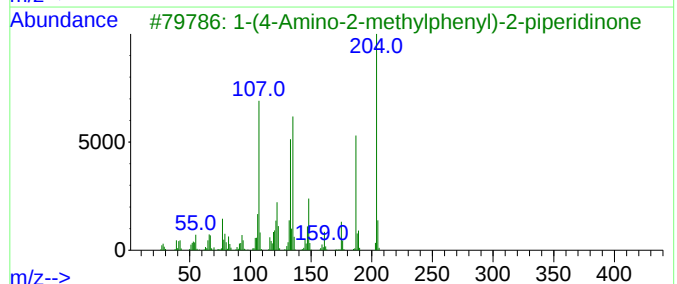
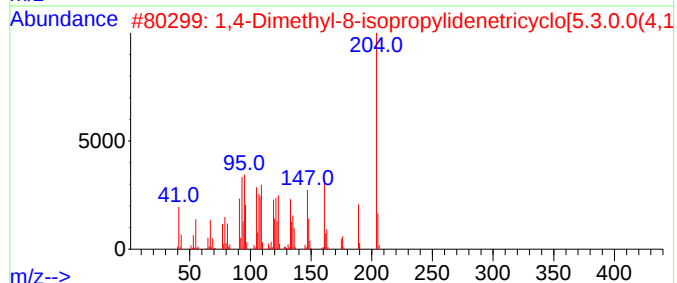
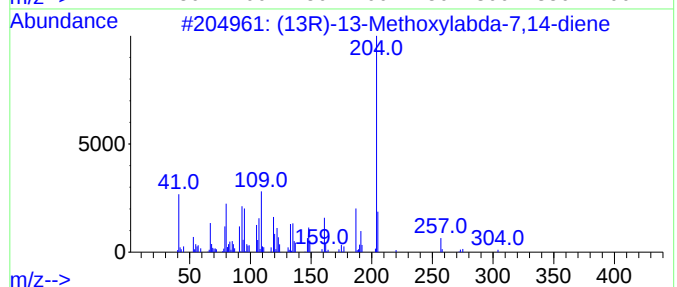
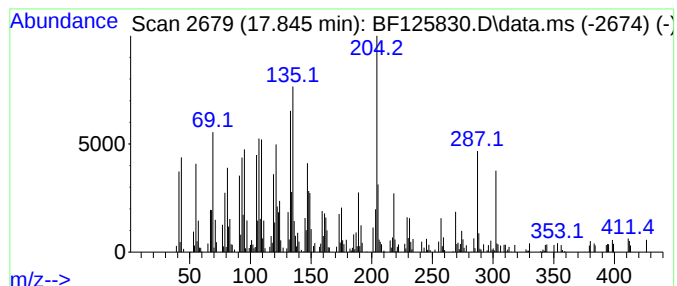
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 (13R)-13-Methoxylabda-7,14-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	10.97 ng	434064	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(13R)-13-Methoxylabda-7,14-diene	304	C21H36O	1000433-01-5	60		
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1010140-07-7	60		
3	1-(4-Amino-2-methylphenyl)-2-pip...	204	C12H16N2O	443999-53-9	46		
4	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43		
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
Acq On : 13 Oct 2021 16:52
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Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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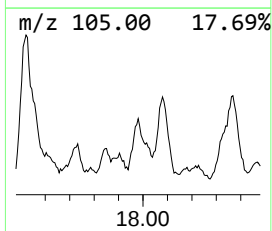
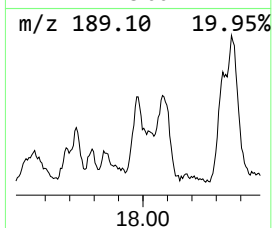
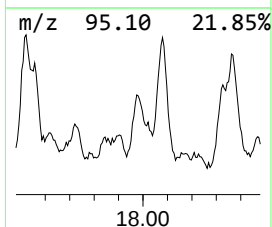
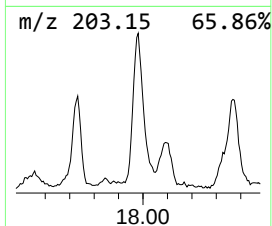
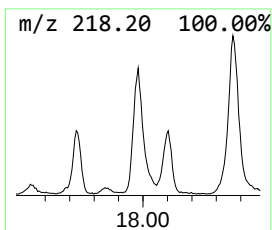
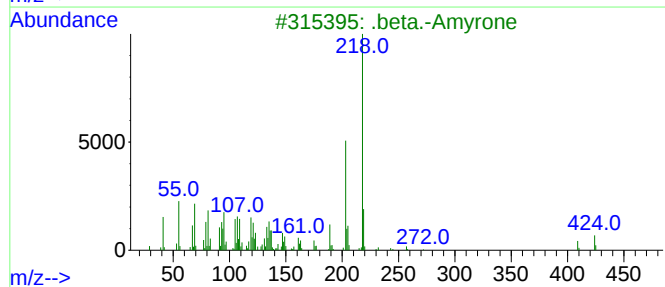
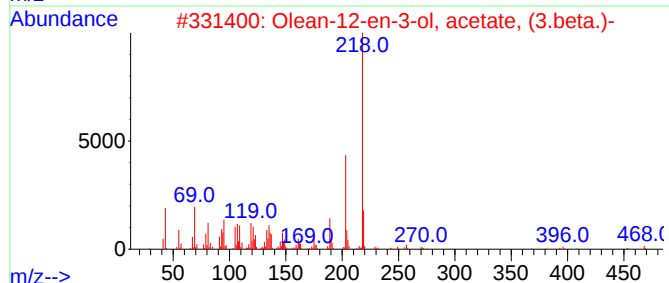
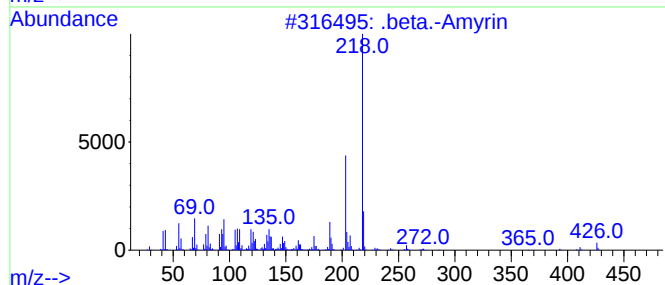
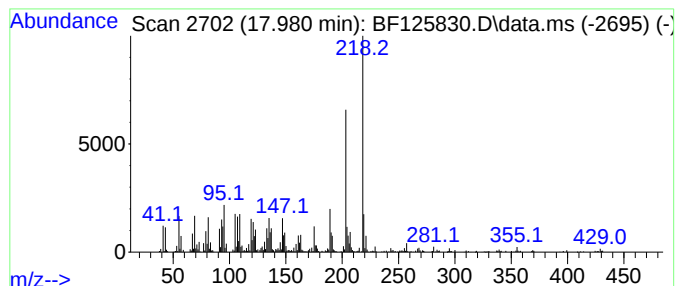
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .beta.-Amyrin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	45.38 ng	1794970	Perylene-d12	15.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Amyrin	426	C30H50O	000559-70-6	91
2		Olean-12-en-3-ol, acetate, (3.beta.)-	468	C32H52O2	001616-93-9	87
3		.beta.-Amyrone	424	C30H48O	000638-97-1	87
4		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	78
5		24-Noroleana-3,12-diene	394	C29H46	201358-24-9	68



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Acq On : 13 Oct 2021 16:52
Operator : JU/CG
Sample : M4161-01
Misc :
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Instrument :
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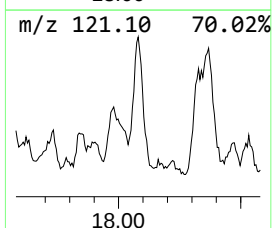
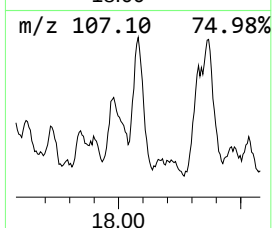
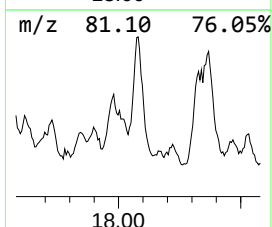
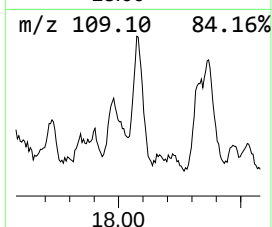
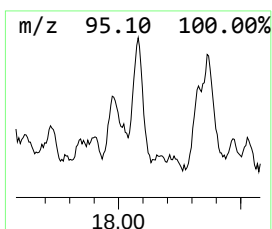
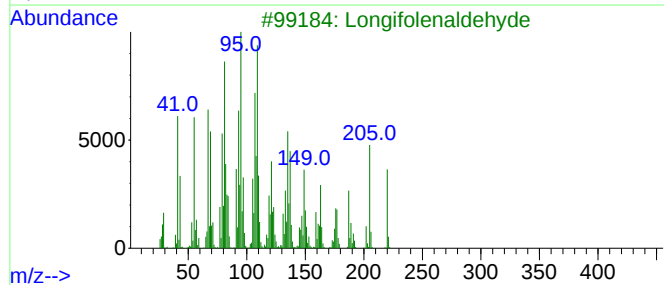
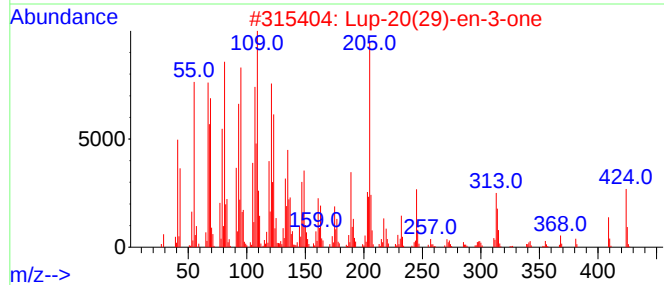
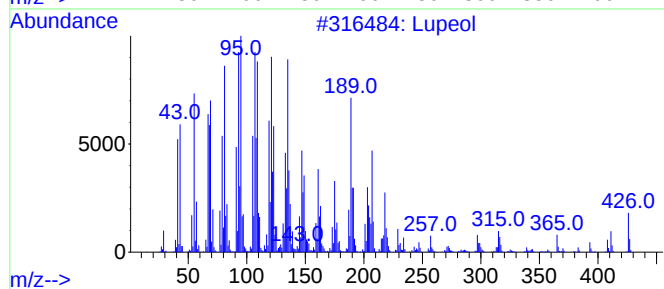
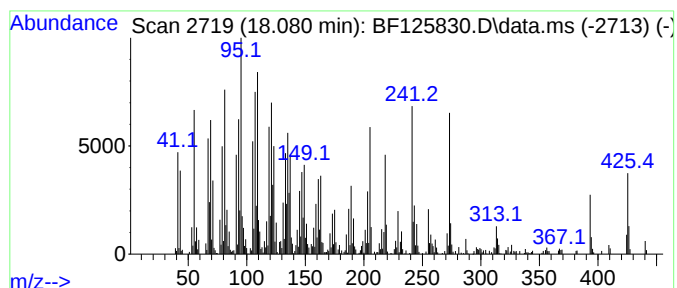
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Lupeol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	57.48 ng	2273430	Perylene-d12	15.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Lupeol	426	C30H50O	000545-47-1	58
2		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	50
3		Longifolenaldehyde	220	C15H24O	019890-84-7	47
4		Sesquirosefuran	218	C15H22O	039007-93-7	46
5		1,6-Dihydropyridazine-3-carboxyl...	273	C13H8FN3O3	1000304-05-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
Acq On : 13 Oct 2021 16:52
Operator : JU/CG
Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
T-1

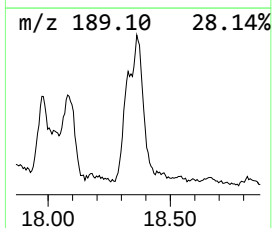
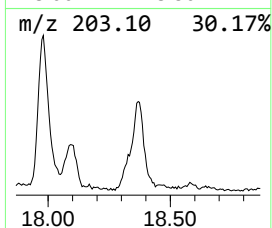
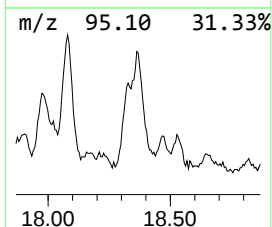
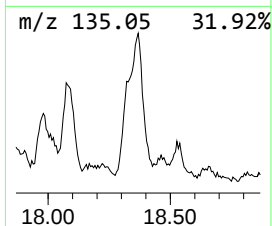
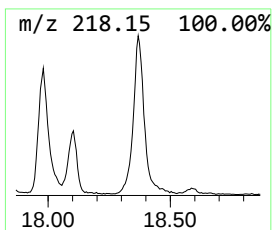
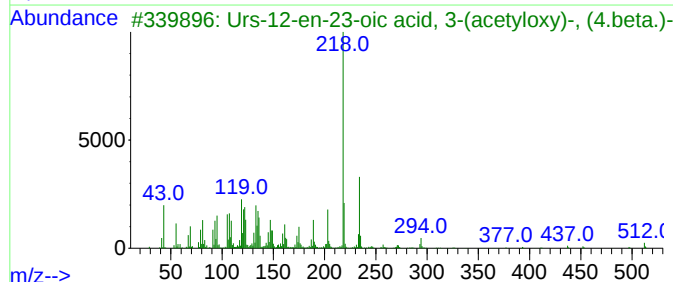
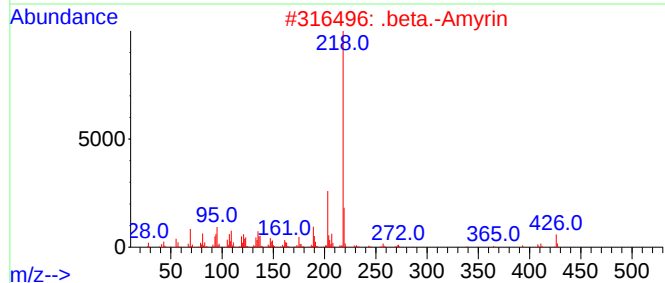
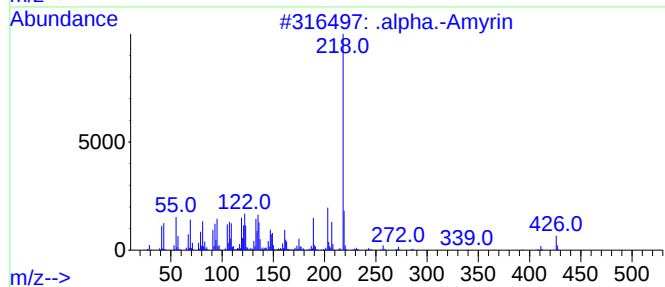
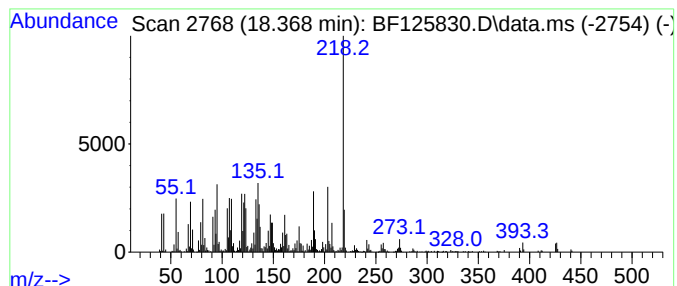
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .alpha.-Amyrin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	94.25 ng	3728160	Perylene-d12	15.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Amyrin	426	C30H50O	000638-95-9	99
2		.beta.-Amyrin	426	C30H50O	000559-70-6	95
3		Urs-12-en-23-oic acid, 3-(acetyl...	512	C33H52O4	1000505-76-4	83
4		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	83
5		Urs-12-en-3-ol, acetate, (3.beta.)-	468	C32H52O2	000863-76-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125830.D
Acq On : 13 Oct 2021 16:52
Operator : JU/CG
Sample : M4161-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-1

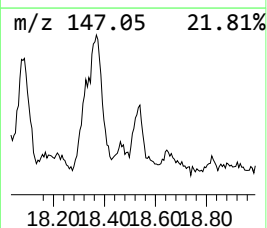
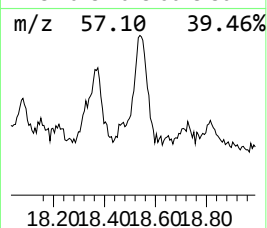
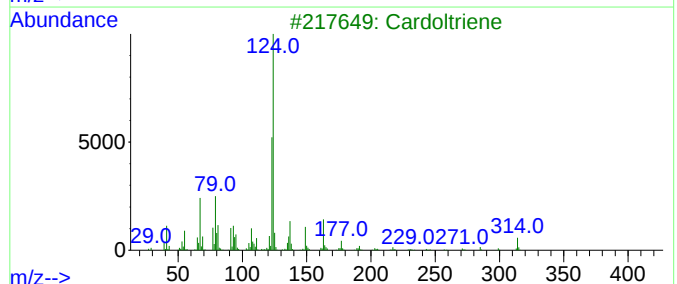
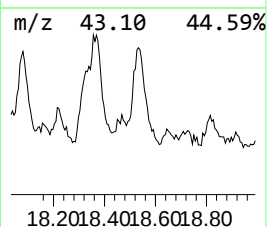
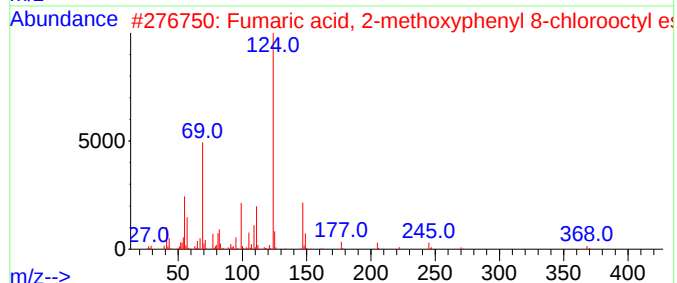
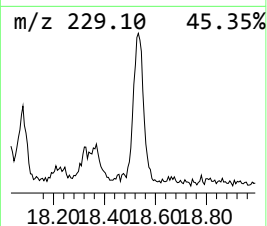
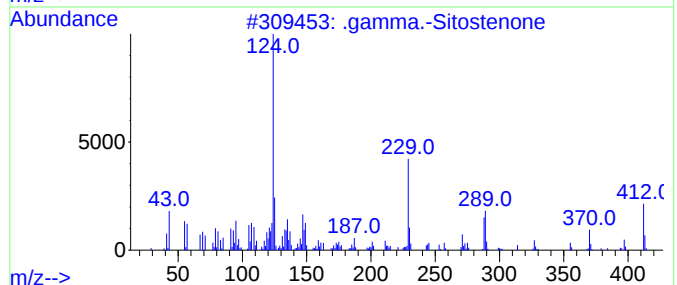
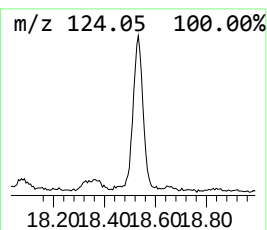
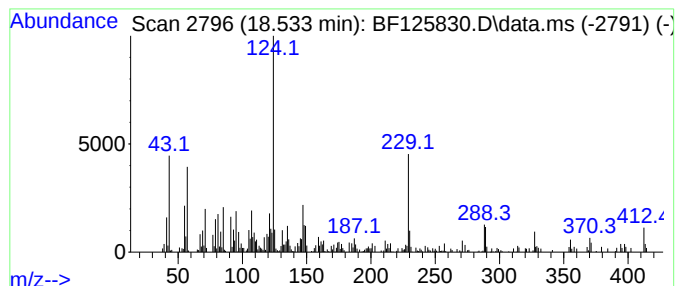
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .gamma.-Sitostenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	24.16 ng	955823	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitostenone	412	C29H48O	084924-96-9	76
2			Fumaric acid, 2-methoxyphenyl 8-...	368	C19H25ClO5	1000405-93-9	38
3			Cardoltriene	314	C21H30O2	079473-24-8	38
4			Stigmast-4-en-3-one	412	C29H48O	001058-61-3	35
5			Orcinol	124	C7H8O2	000504-15-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125830.D
 Acq On : 13 Oct 2021 16:52
 Operator : JU/CG
 Sample : M4161-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic ...	11.892	18.1	ng	1209210	4	11.357	1332370	20.0
Ethanol, 2-(tet...	13.845	11.9	ng	758956	5	13.998	1271750	20.0
1-Heneicosyl fo...	14.474	17.8	ng	1133300	5	13.998	1271750	20.0
1,4-Benzenedica...	14.627	44.0	ng	2798000	5	13.998	1271750	20.0
Squalene	14.851	8.7	ng	344921	6	15.451	791088	20.0
Tetracosane	15.110	34.1	ng	1349370	6	15.451	791088	20.0
Octacosanol	15.139	21.0	ng	829135	6	15.451	791088	20.0
Heptadecane	15.927	33.6	ng	1328380	6	15.451	791088	20.0
11-Tricosene	15.980	10.7	ng	421760	6	15.451	791088	20.0
6-Methoxy-2,7,8...	16.192	9.8	ng	388586	6	15.451	791088	20.0
Heneicosane	17.027	9.8	ng	388052	6	15.451	791088	20.0
Stigmasterol	17.098	14.8	ng	586702	6	15.451	791088	20.0
unknown17.274	17.274	20.5	ng	809335	6	15.451	791088	20.0
.gamma.-Sitosterol	17.521	128.8	ng	5094250	6	15.451	791088	20.0
(13R)-13-Methox...	17.845	11.0	ng	434064	6	15.451	791088	20.0
.beta.-Amyrin	17.980	45.4	ng	1794970	6	15.451	791088	20.0
Lupeol	18.080	57.5	ng	2273430	6	15.451	791088	20.0
.alpha.-Amyrin	18.368	94.3	ng	3728160	6	15.451	791088	20.0
.gamma.-Sitoste...	18.533	24.2	ng	955823	6	15.451	791088	20.0