

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123474.D
 Acq On : 25 Mar 2021 22:00
 Operator : JU/CG
 Sample : M1776-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110

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-BF032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123474.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	8	13	23	rVB	339311	418133	4.85%	0.383%
2	2.504	49	71	72	rBV4	108726	654225	7.58%	0.599%
3	5.528	581	585	591	rVB	984217	1063715	12.33%	0.974%
4	6.534	751	756	763	rVB2	677872	1070614	12.41%	0.981%
5	6.739	786	791	798	rVB2	296138	358774	4.16%	0.329%
6	6.898	814	818	826	rVB	1709405	1473548	17.08%	1.350%
7	7.457	905	913	916	rBV	840139	862332	10.00%	0.790%
8	7.498	917	920	923	rVB	622473	493721	5.72%	0.452%
9	7.545	923	928	931	rBV	914765	1243990	14.42%	1.140%
10	7.663	931	948	950	rVB	1610525	5676827	65.80%	5.200%
11	7.928	990	993	1000	rVV6	393631	646263	7.49%	0.592%
12	8.092	1018	1021	1025	rBV	228018	240859	2.79%	0.221%
13	8.169	1031	1034	1035	rVV	1362904	1144030	13.26%	1.048%
14	8.186	1035	1037	1040	rVV	2305578	1822000	21.12%	1.669%
15	8.251	1043	1048	1050	rVB2	353475	391688	4.54%	0.359%
16	8.345	1060	1064	1069	rBV6	136439	267410	3.10%	0.245%
17	8.480	1082	1087	1091	rVV5	362711	522350	6.05%	0.478%
18	8.569	1099	1102	1105	rVV3	341942	370504	4.29%	0.339%
19	8.610	1105	1109	1111	rVV2	445247	410141	4.75%	0.376%
20	8.692	1119	1123	1126	rBV	540217	454621	5.27%	0.416%
21	8.780	1135	1138	1142	rBV	1682092	1289955	14.95%	1.182%
22	8.851	1146	1150	1151	rVV2	239448	275477	3.19%	0.252%
23	8.886	1151	1156	1160	rVV2	395952	567323	6.58%	0.520%
24	9.010	1173	1177	1180	rBV2	343608	307553	3.56%	0.282%
25	9.092	1187	1191	1196	rVV5	396565	525606	6.09%	0.481%
26	9.145	1196	1200	1204	rVV4	231991	281444	3.26%	0.258%
27	9.210	1209	1211	1216	rVB2	341722	314312	3.64%	0.288%
28	9.263	1216	1220	1223	rVB	1269780	1125452	13.04%	1.031%
29	9.345	1230	1234	1238	rBV	1672097	1345294	15.59%	1.232%
30	9.622	1279	1281	1284	rVV2	294080	249395	2.89%	0.228%
31	9.669	1284	1289	1291	rVV4	463431	609485	7.06%	0.558%
32	9.686	1291	1292	1296	rVV3	311799	285225	3.31%	0.261%
33	9.727	1296	1299	1301	rVB2	272653	234753	2.72%	0.215%
34	9.757	1301	1304	1310	rVB6	135201	244060	2.83%	0.224%
35	9.875	1321	1324	1329	rVV	1548714	1218383	14.12%	1.116%
36	9.945	1333	1336	1339	rVB	2258719	1837299	21.30%	1.683%

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

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37	10.110	1360	1364	1367	rVV2	161477	250030	2.90%	0.229%
38	10.157	1367	1372	1376	rVV	1003569	1309806	15.18%	1.200%
39	10.198	1376	1379	1383	rVV4	282614	371108	4.30%	0.340%
40	10.374	1407	1409	1412	rVB	1218731	1001972	11.61%	0.918%

41	10.598	1442	1447	1450	rBV	344548	443013	5.13%	0.406%
42	10.727	1465	1469	1472	rVB2	678461	634026	7.35%	0.581%
43	10.763	1472	1475	1484	rBV2	295092	528394	6.12%	0.484%
44	10.851	1487	1490	1500	rVB	983310	1025726	11.89%	0.940%
45	10.951	1505	1507	1512	rVB	324423	291029	3.37%	0.267%

46	11.021	1516	1519	1522	rBV	268650	273113	3.17%	0.250%
47	11.110	1529	1534	1537	rBV	2222373	2221784	25.75%	2.035%
48	11.298	1564	1566	1569	rVV	698201	621450	7.20%	0.569%
49	11.333	1569	1572	1577	rVB	380317	368502	4.27%	0.338%
50	11.433	1583	1589	1592	rVV	1831037	1740990	20.18%	1.595%

51	11.463	1592	1594	1601	rVB3	234074	276316	3.20%	0.253%
52	11.545	1604	1608	1611	rVV	931466	785069	9.10%	0.719%
53	11.674	1626	1630	1636	rBV2	435098	737770	8.55%	0.676%
54	11.727	1636	1639	1643	rBV2	560787	530235	6.15%	0.486%
55	11.845	1657	1659	1663	rVB	252850	234560	2.72%	0.215%

56	11.898	1663	1668	1674	rBV	2771974	3494714	40.51%	3.201%
57	11.992	1676	1684	1697	rVV	5954877	8627494	100.00%	7.903%
58	12.139	1706	1709	1713	rBV	811035	744933	8.63%	0.682%
59	12.180	1713	1716	1720	rVV2	238040	295142	3.42%	0.270%
60	12.216	1720	1722	1727	rVB	558750	442791	5.13%	0.406%

61	12.363	1745	1747	1752	rBV	199912	230364	2.67%	0.211%
62	12.492	1766	1769	1773	rBV	1137392	1566813	18.16%	1.435%
63	12.527	1773	1775	1785	rVB2	413584	625725	7.25%	0.573%
64	12.686	1795	1802	1804	rBV	2889722	3500225	40.57%	3.206%
65	12.704	1804	1805	1810	rVB	1853177	1315213	15.24%	1.205%

66	12.763	1810	1815	1821	rBV	2108301	2037322	23.61%	1.866%
67	12.904	1836	1839	1841	rBV	271077	248662	2.88%	0.228%
68	12.921	1841	1842	1847	rVB	266154	248492	2.88%	0.228%
69	12.968	1847	1850	1855	rVB	470454	431344	5.00%	0.395%
70	13.021	1856	1859	1862	rBV	1087473	949777	11.01%	0.870%

71	13.174	1882	1885	1892	rVB	296429	394059	4.57%	0.361%
72	13.257	1896	1899	1903	rBV	433186	453449	5.26%	0.415%
73	13.339	1910	1913	1917	rVB2	657351	511031	5.92%	0.468%
74	13.439	1927	1930	1934	rBV	1107273	867995	10.06%	0.795%
75	13.568	1949	1952	1955	rBV2	258551	271716	3.15%	0.249%

76	13.604	1955	1958	1961	rVB	573574	482232	5.59%	0.442%
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77	13.874	2001	2004	2008	rBV	199404	248384	2.88%	0.228%
78	13.933	2011	2014	2023	rVB	1235340	1209440	14.02%	1.108%
79	14.039	2028	2032	2034	rBV	2238079	2005127	23.24%	1.837%
80	14.068	2034	2037	2047	rVB2	2555330	3449239	39.98%	3.160%
81	14.251	2064	2068	2071	rBV	1536773	1279608	14.83%	1.172%
82	14.557	2116	2120	2124	rBV	2172620	1832138	21.24%	1.678%
83	14.680	2137	2141	2145	rBV	1197045	1070526	12.41%	0.981%
84	14.721	2145	2148	2155	rVV3	241596	392011	4.54%	0.359%
85	14.874	2170	2174	2178	rVB	2003527	1971808	22.85%	1.806%
86	14.957	2184	2188	2199	rVB	2177068	2260050	26.20%	2.070%
87	15.227	2230	2234	2238	rBV	1992704	2170459	25.16%	1.988%
88	15.580	2289	2294	2297	rBV2	826778	957665	11.10%	0.877%
89	15.627	2297	2302	2309	rVB	1443263	1872745	21.71%	1.716%
90	16.086	2374	2380	2384	rBV	1160665	1874619	21.73%	1.717%
91	16.145	2384	2390	2404	rVV	2625959	6220882	72.11%	5.699%
92	16.327	2416	2421	2431	rVB3	190677	449640	5.21%	0.412%
93	16.433	2435	2439	2448	rVB3	247906	475488	5.51%	0.436%
94	16.515	2449	2453	2462	rBV5	175514	409808	4.75%	0.375%
95	16.615	2463	2470	2474	rBV	654859	1179932	13.68%	1.081%
96	17.239	2569	2576	2583	rVB2	466519	989603	11.47%	0.907%
97	17.345	2586	2594	2620	rVB	831271	3327555	38.57%	3.048%
98	17.568	2627	2632	2646	rVB3	179326	556585	6.45%	0.510%
99	17.721	2650	2658	2659	rBV2	348685	731362	8.48%	0.670%
100	17.968	2693	2700	2709	rBV	217820	548478	6.36%	0.502%

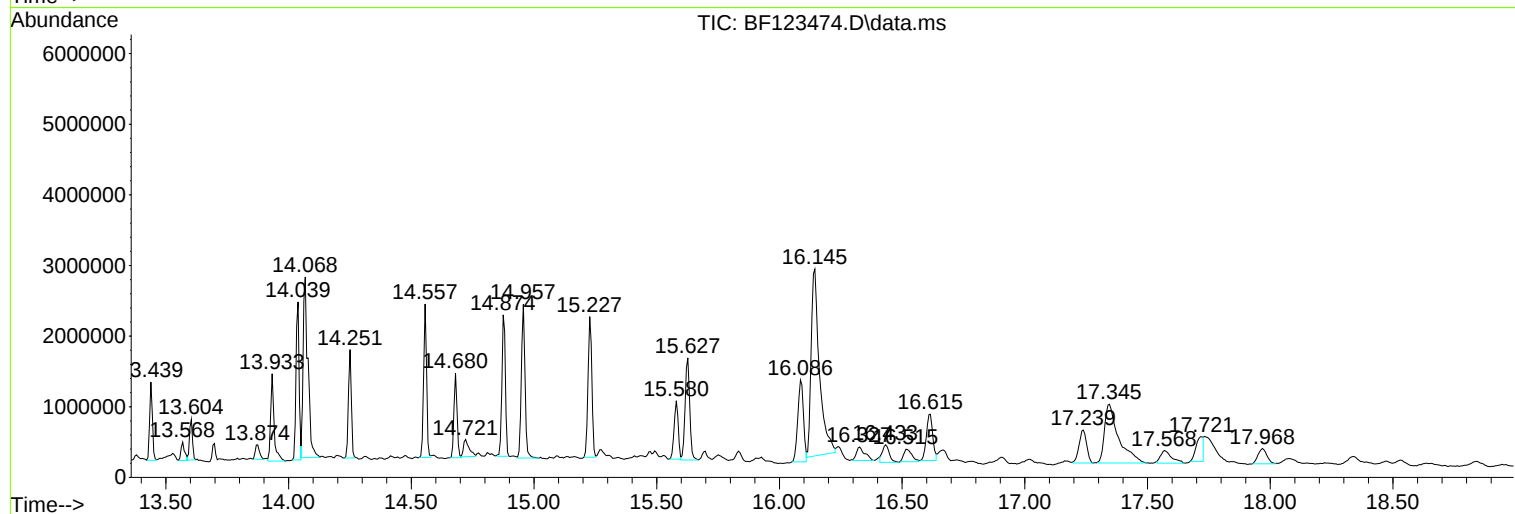
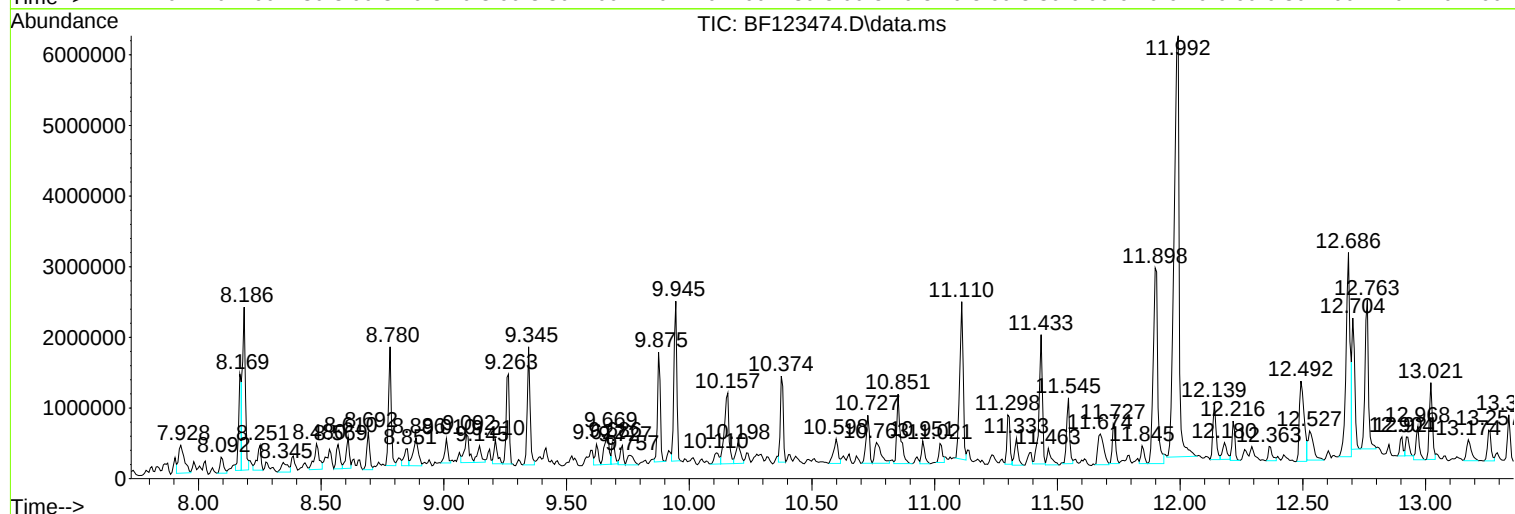
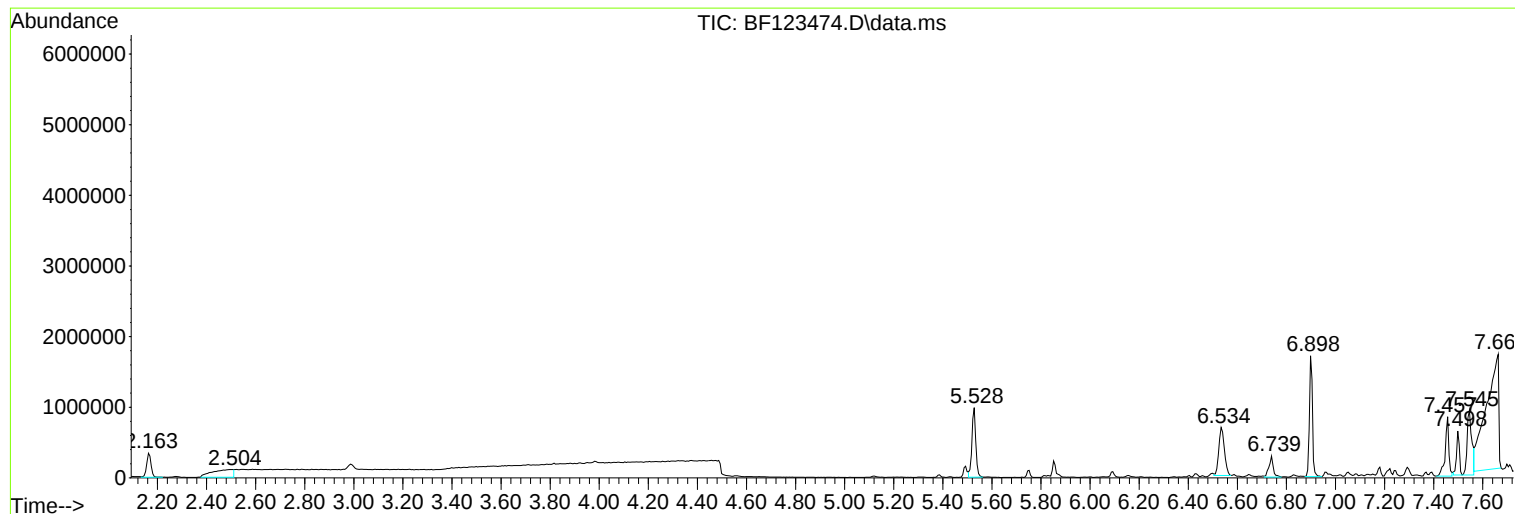
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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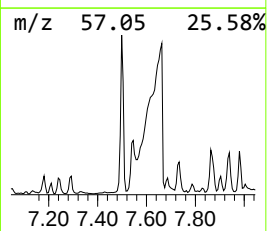
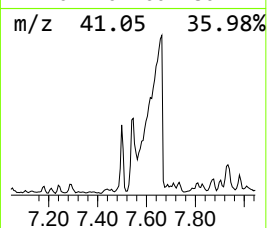
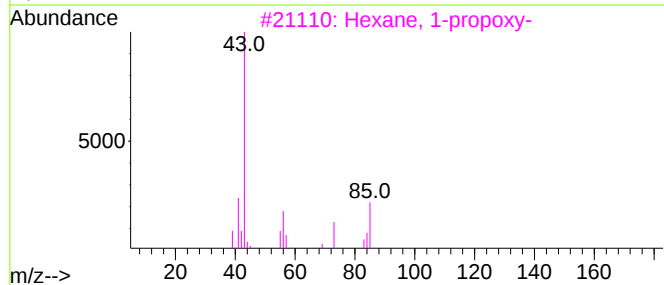
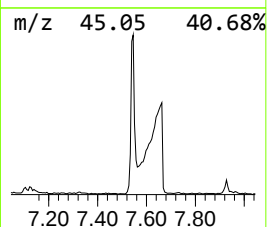
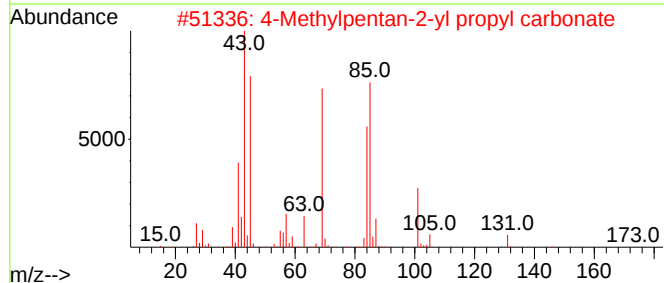
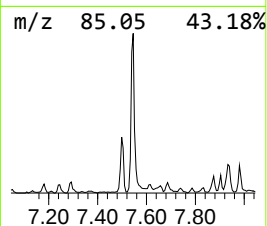
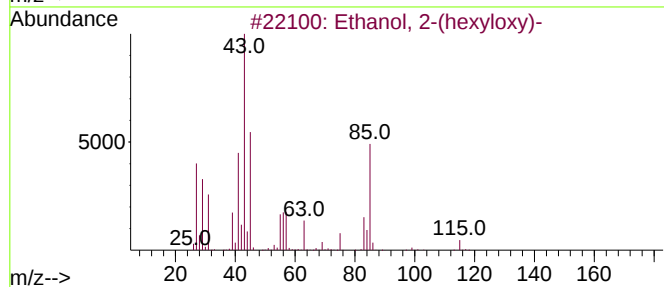
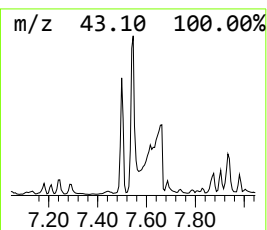
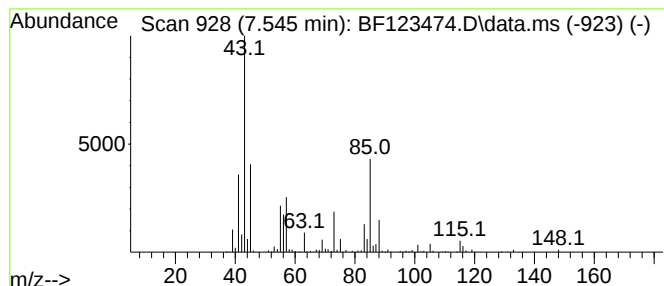
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(hexyloxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	13.66 ng	1243990	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	64
2			4-Methylpentan-2-yl propyl carbo...	188	C10H20O3	1000372-81-8	38
3			Hexane, 1-propoxy-	144	C9H20O	053685-78-2	38
4			Pentanoic acid, 2,2-dimethyl-, 1...	428	C24H44O6	057346-62-0	38
5			Sulfurous acid, hexyl 2-propyl e...	208	C9H20O3S	1000309-11-7	35



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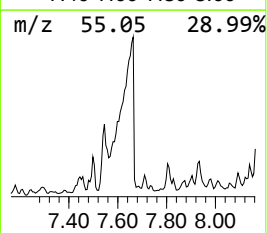
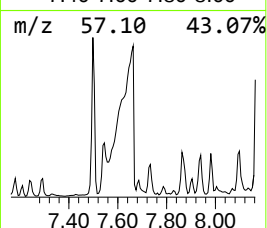
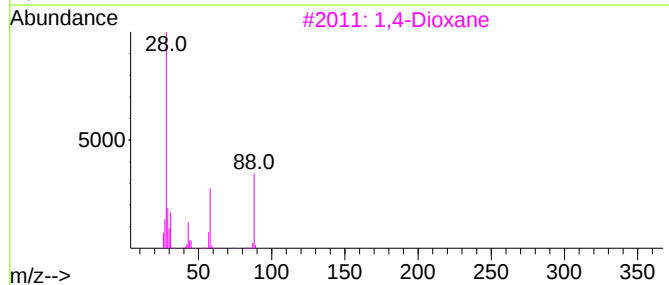
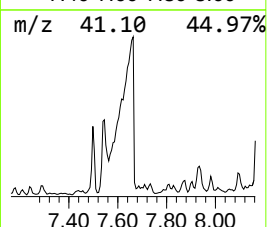
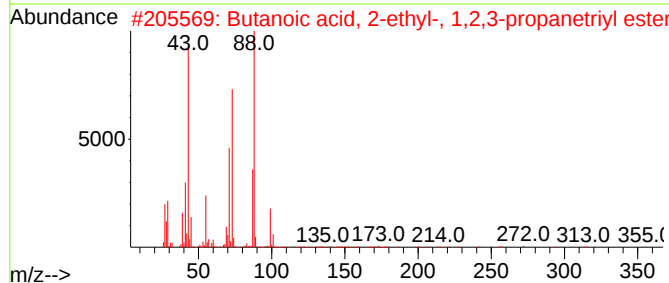
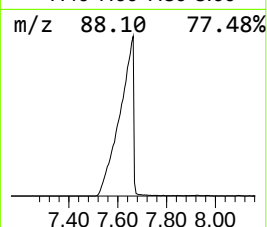
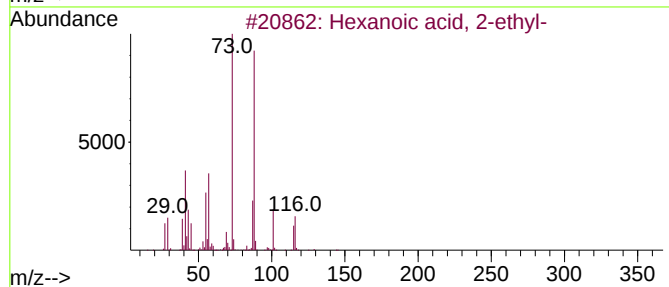
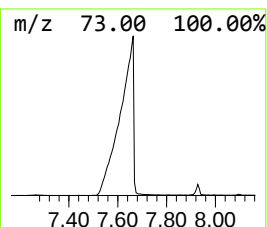
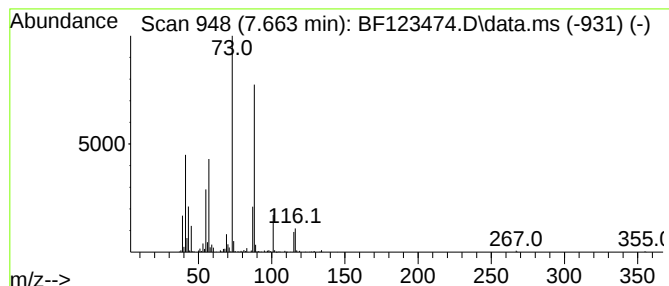
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.663	62.31 ng	5676830	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3			1,4-Dioxane	88	C4H8O2	000123-91-1	47
4			L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	40
5			Dithiocarbamic acid, N,N-dimethy...	477	C13H12F9N3S3	1000268-72-7	40



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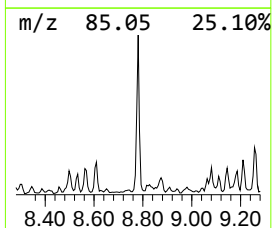
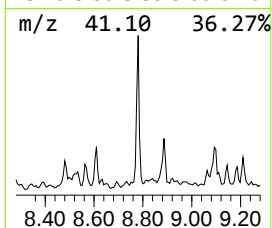
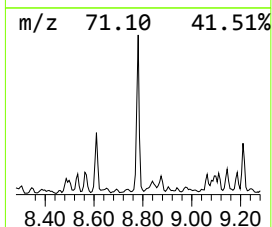
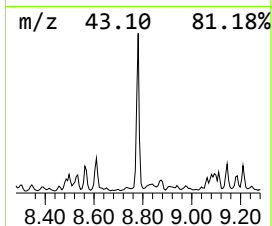
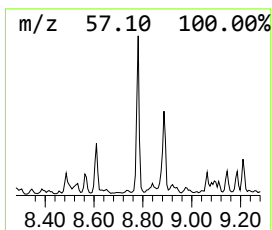
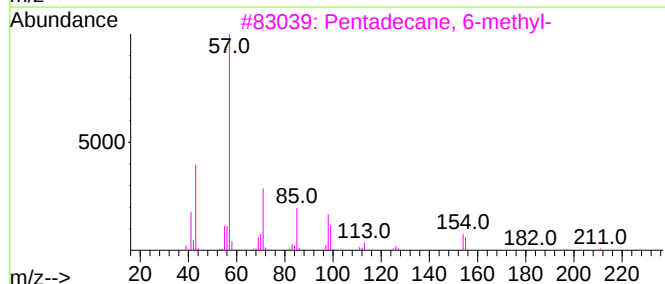
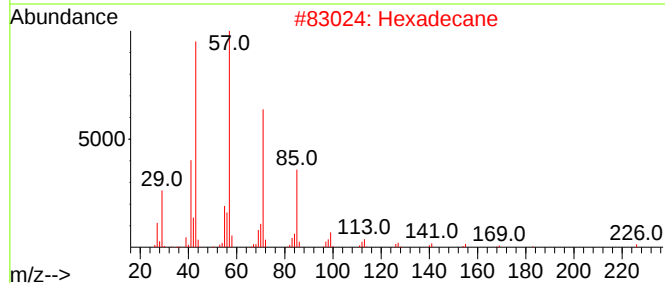
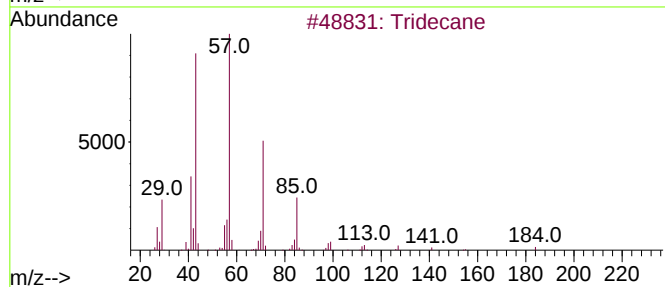
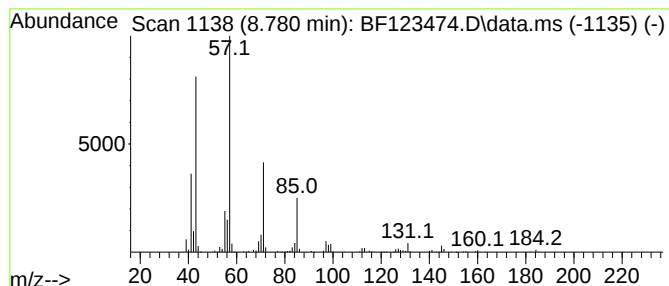
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.780	14.16 ng	1289960	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	72
3			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	64
4			Tetratetracontane	619	C44H90	007098-22-8	64
5			Dodecane	170	C12H26	000112-40-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123474.D
Acq On : 25 Mar 2021 22:00
Operator : JU/CG
Sample : M1776-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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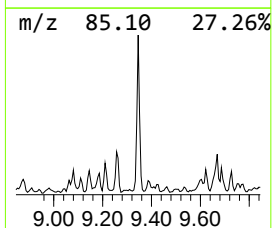
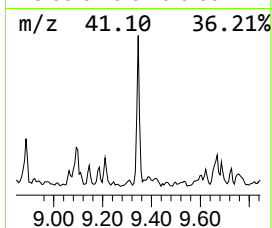
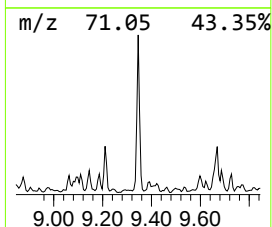
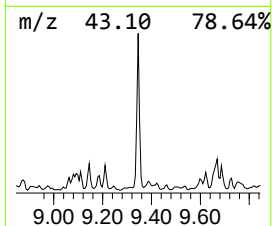
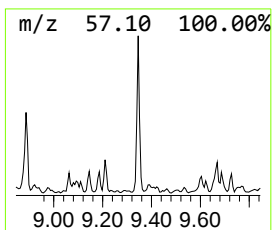
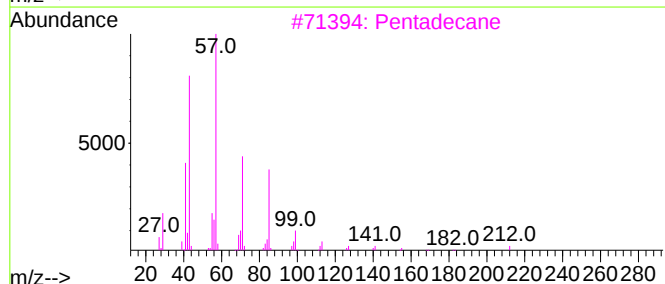
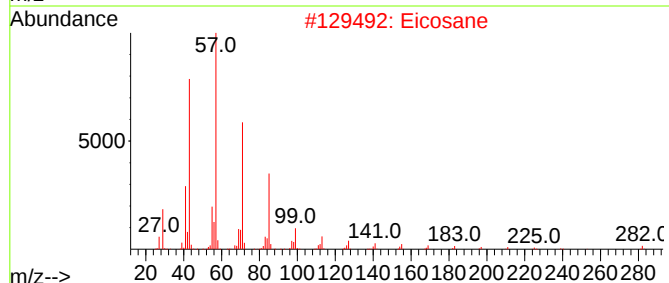
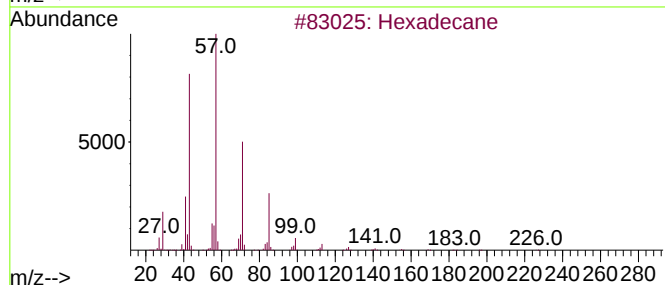
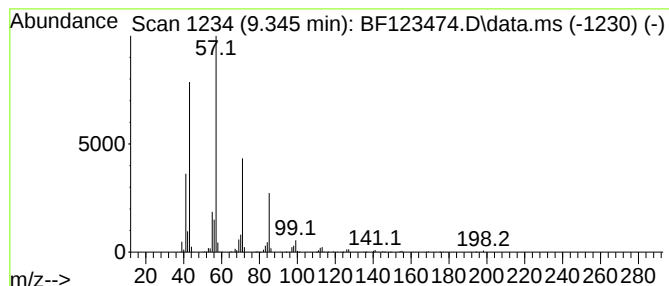
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	14.64 ng	1345290	Acenaphthene-d10	9.945

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Eicosane	282	C20H42	000112-95-8	86
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tridecane	184	C13H28	000629-50-5	83
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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Sample : M1776-01 5X
Misc :
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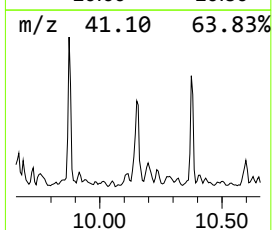
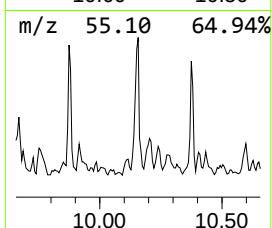
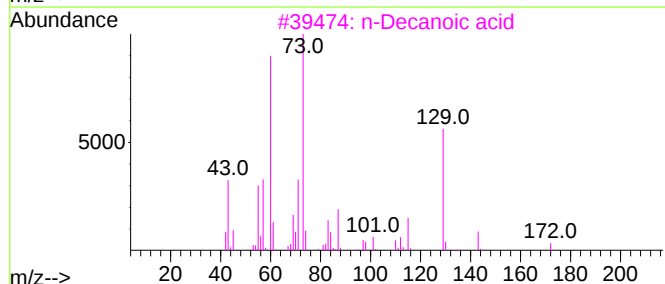
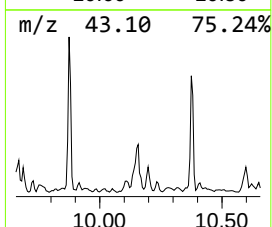
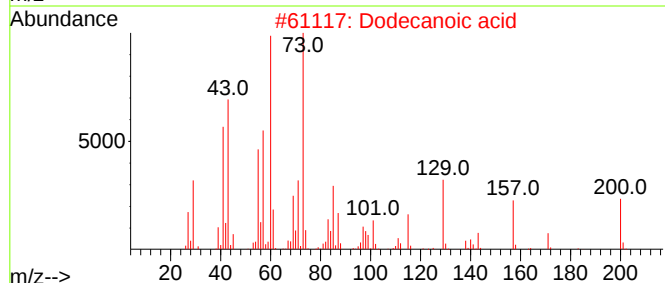
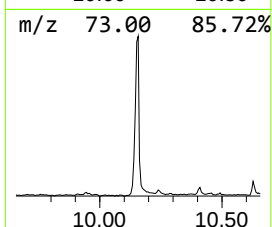
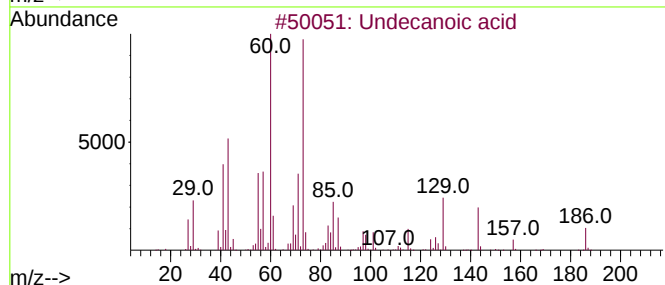
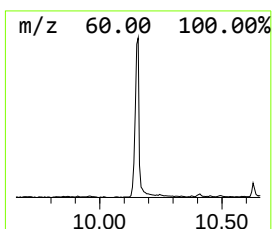
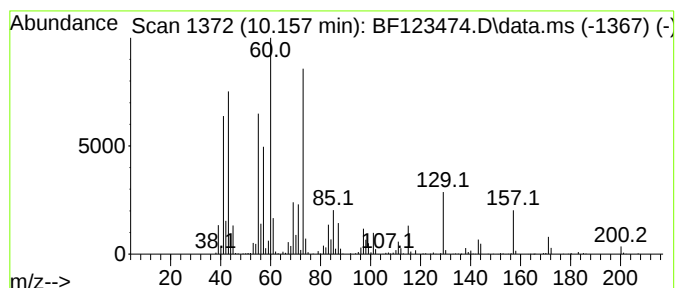
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.157	14.26 ng	1309810	Acenaphthene-d10		9.945	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecanoic acid		186	C11H22O2	000112-37-8	80
2	Dodecanoic acid		200	C12H24O2	000143-07-7	74
3	n-Decanoic acid		172	C10H20O2	000334-48-5	68
4	Octanoic acid		144	C8H16O2	000124-07-2	52
5	Ethyl .alpha.-d-glucopyranoside		208	C8H16O6	1000127-29-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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Acq On : 25 Mar 2021 22:00
Operator : JU/CG
Sample : M1776-01 5X
Misc :
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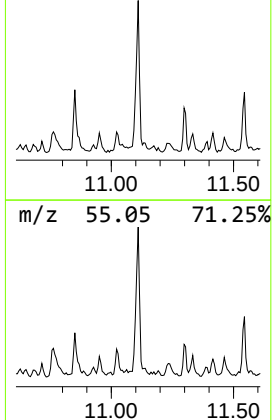
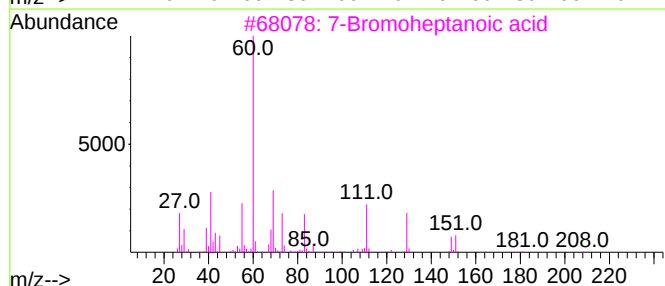
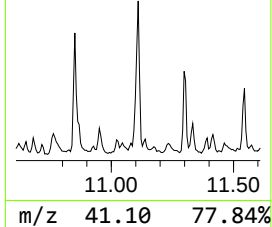
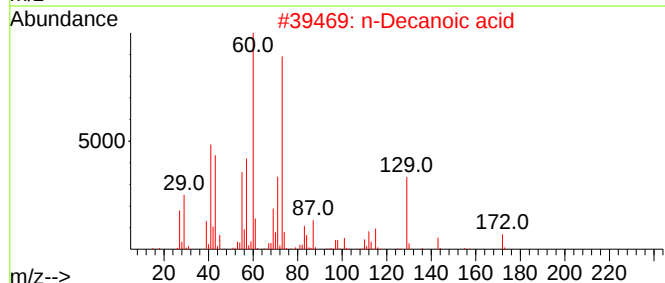
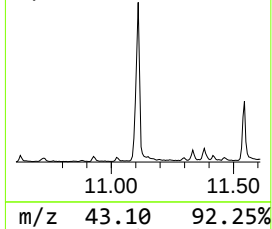
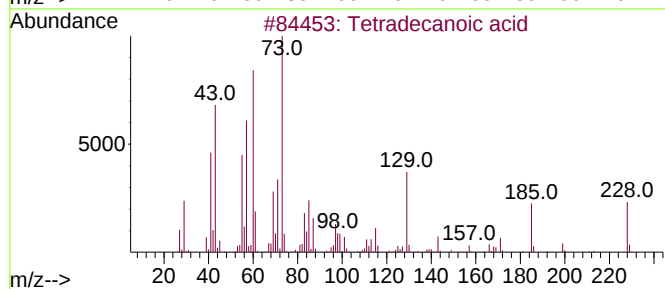
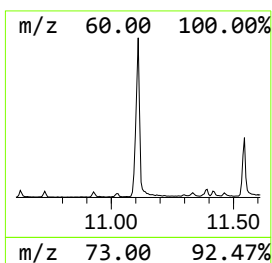
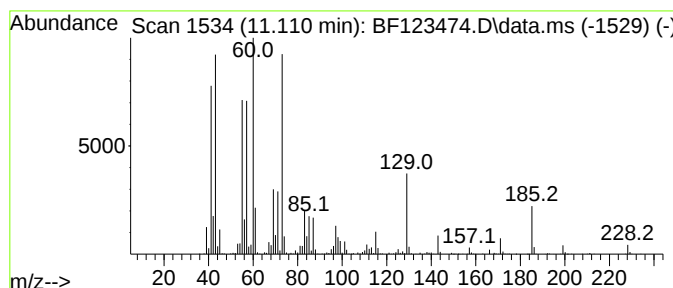
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.110	25.52 ng	2221780	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2	n-Decanoic acid	172	C10H20O2	000334-48-5	53
3	7-Bromoheptanoic acid	208	C7H13BrO2	030515-28-7	43
4	Nonanoic acid	158	C9H18O2	000112-05-0	43
5	Tridecanoic acid	214	C13H26O2	000638-53-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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Sample : M1776-01 5X
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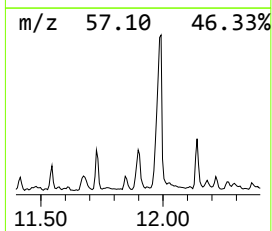
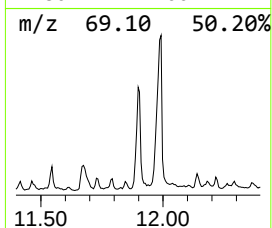
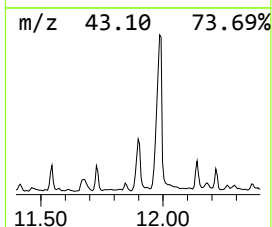
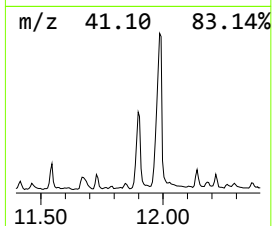
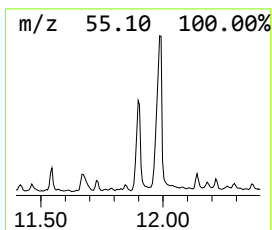
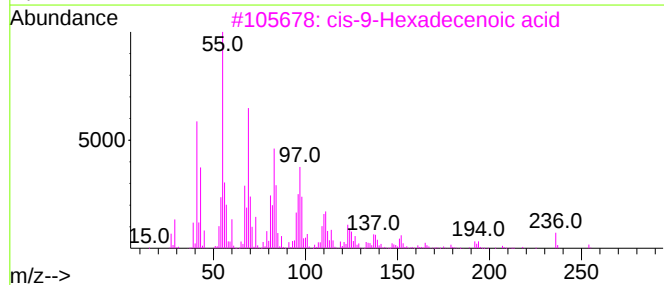
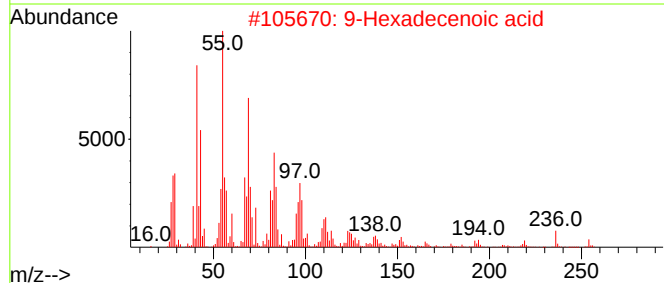
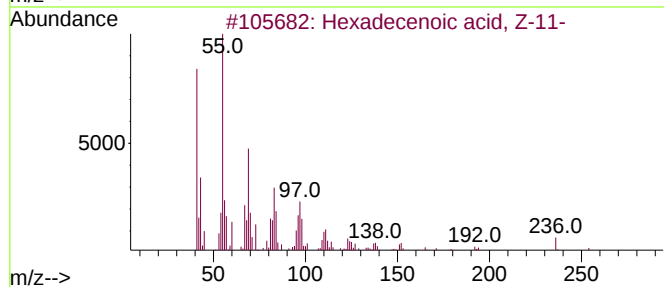
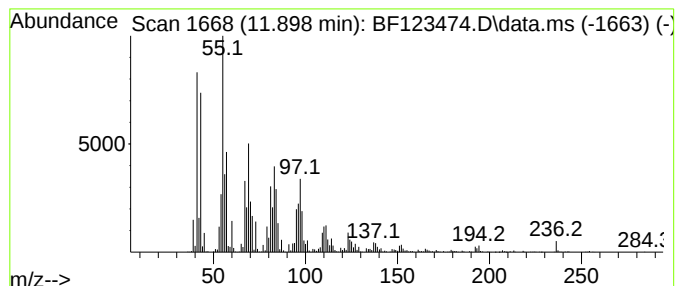
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecenoic acid, Z-11- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.898	40.15 ng	3494710	Phenanthrene-d10		11.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-		254	C16H30O2	002416-20-8	93
2	9-Hexadecenoic acid		254	C16H30O2	002091-29-4	90
3	cis-9-Hexadecenoic acid		254	C16H30O2	1000333-19-5	90
4	Oxacycloheptadecan-2-one		254	C16H30O2	000109-29-5	87
5	Oxacyclotetradecane-2,11-dione, ...		240	C14H24O3	074685-36-2	86



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Acq On : 25 Mar 2021 22:00
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Instrument :
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ClientSampleId :
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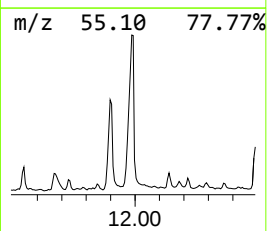
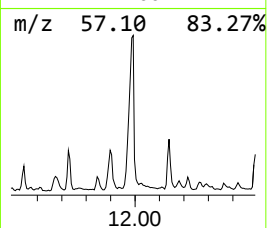
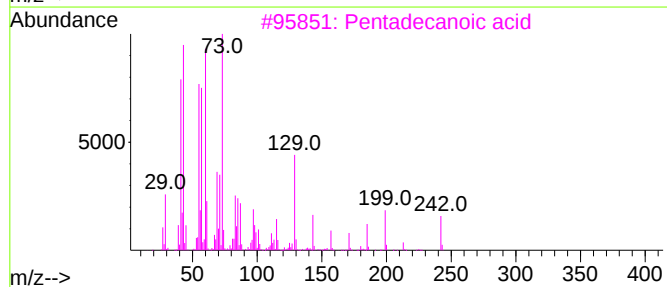
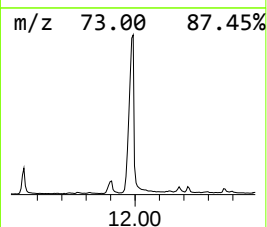
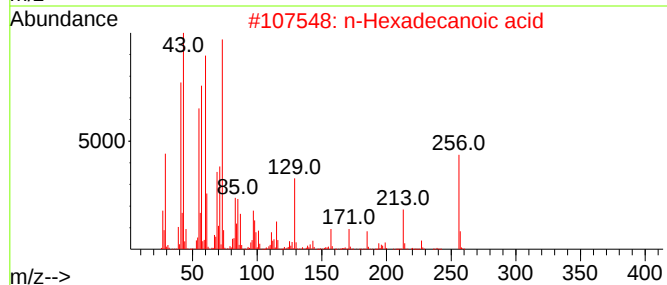
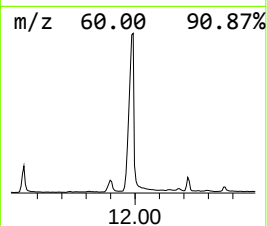
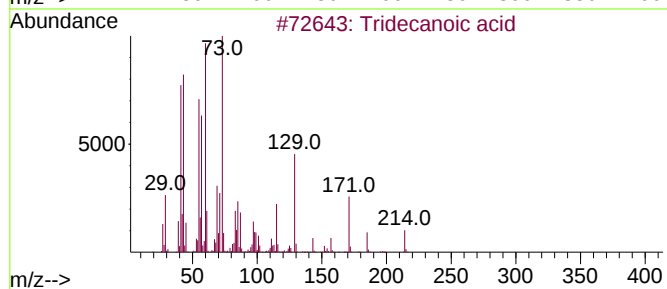
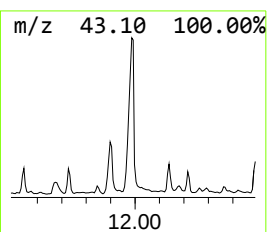
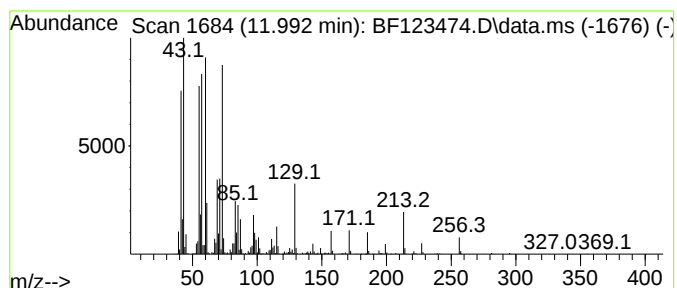
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	99.11 ng	8627490	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Octadecanoic acid	284	C18H36O2	000057-11-4	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123474.D
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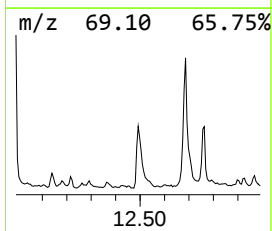
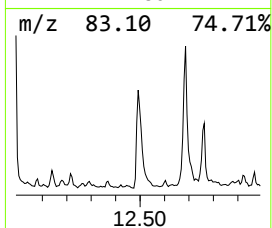
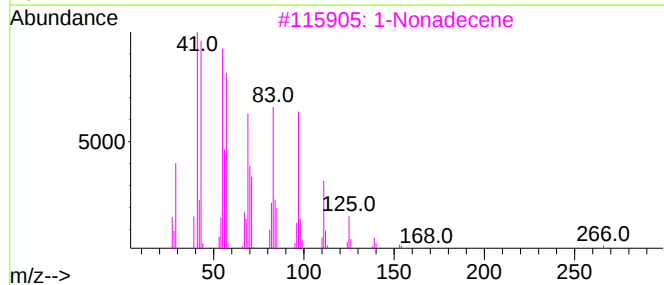
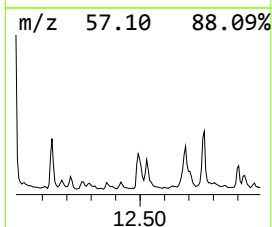
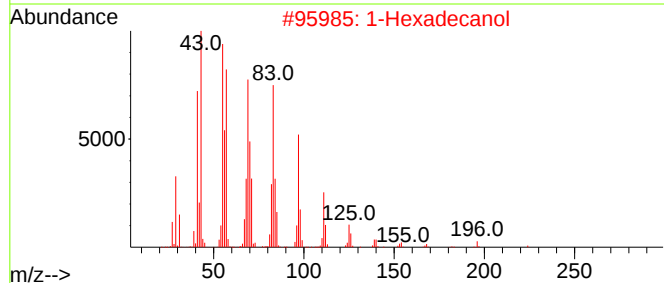
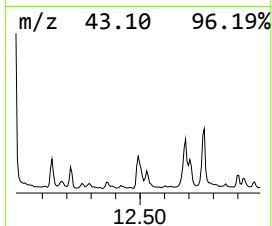
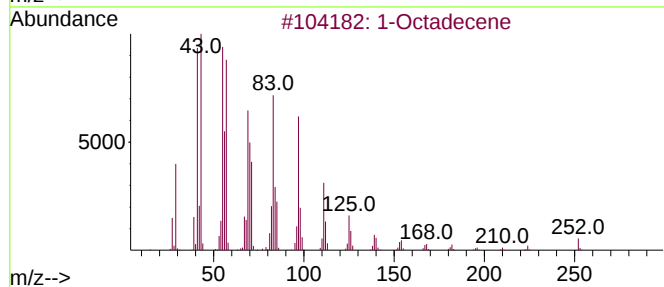
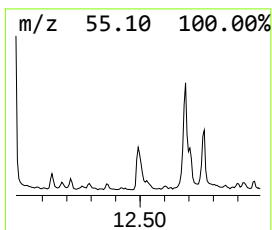
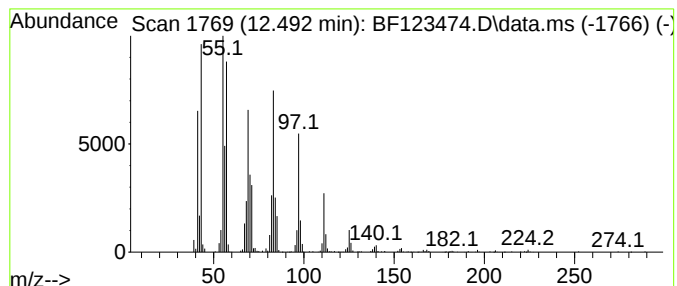
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Octadecene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	18.00 ng	1566810	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene		252	C18H36	000112-88-9	98
2	1-Hexadecanol		242	C16H34O	036653-82-4	94
3	1-Nonadecene		266	C19H38	018435-45-5	91
4	Cyclohexadecane		224	C16H32	000295-65-8	91
5	Cycloeicosane		280	C20H40	000296-56-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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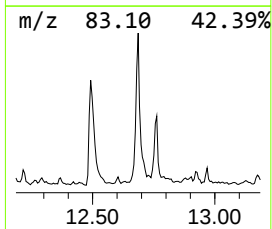
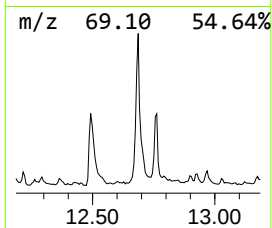
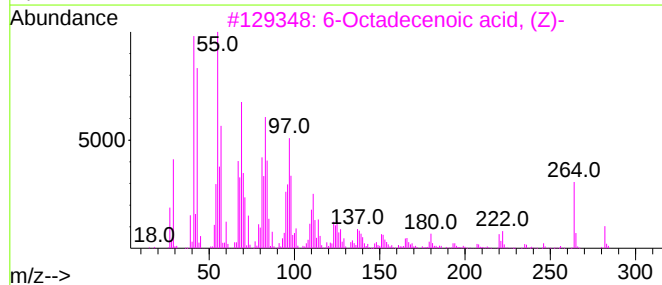
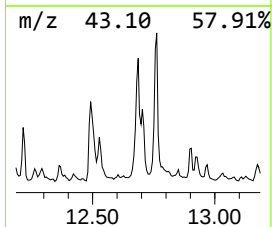
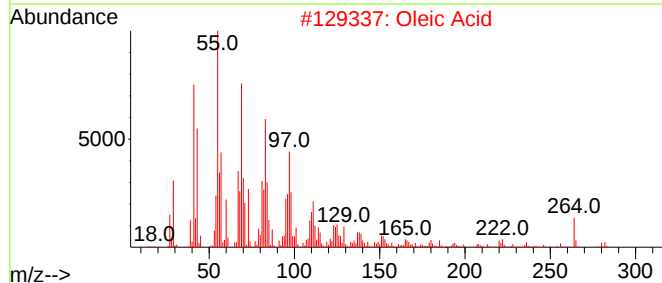
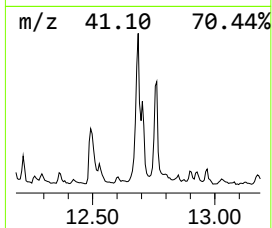
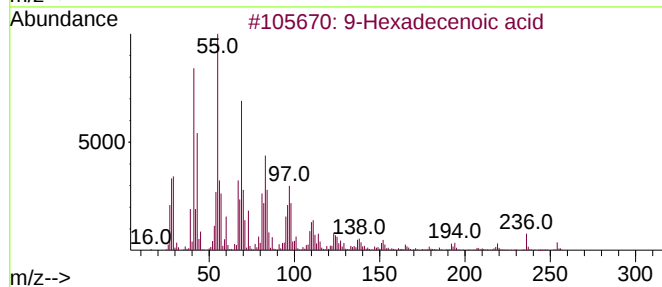
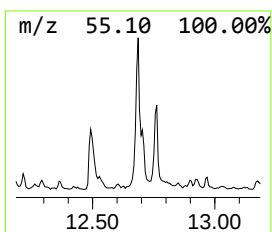
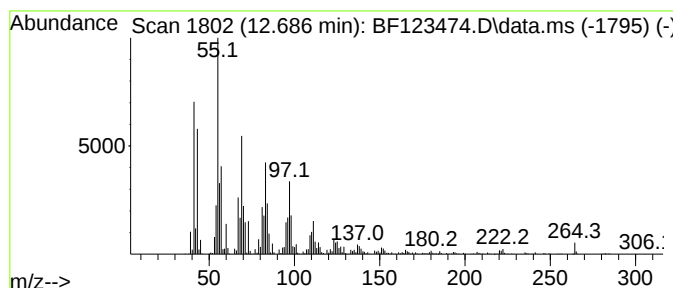
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9-Hexadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	40.21 ng	3500230	Phenanthrene-d10	11.433

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	96
2		Oleic Acid	282	C18H34O2	000112-80-1	94
3		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	93
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
5		Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123474.D
Acq On : 25 Mar 2021 22:00
Operator : JU/CG
Sample : M1776-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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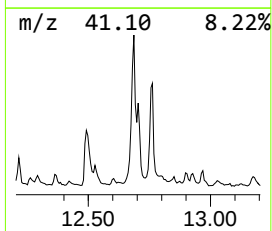
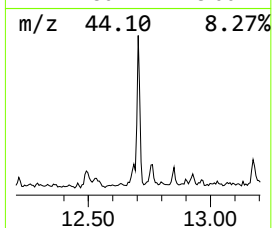
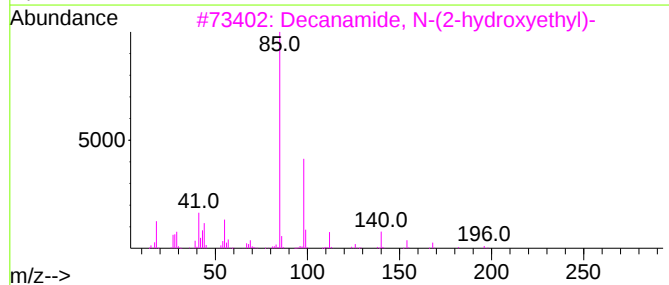
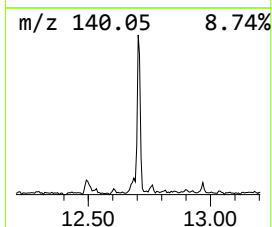
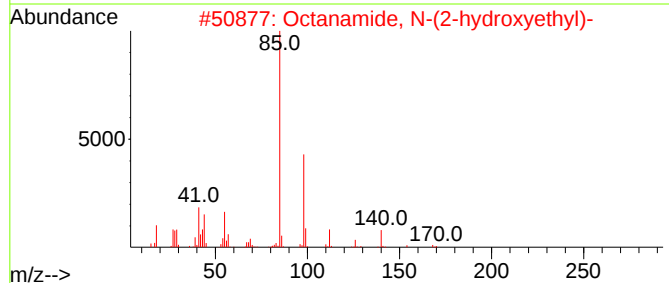
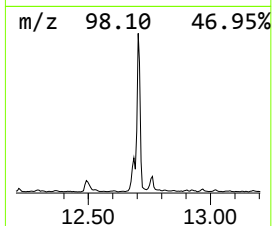
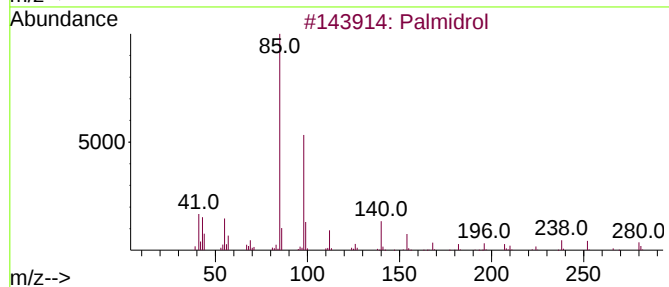
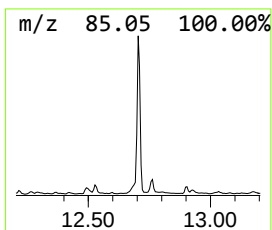
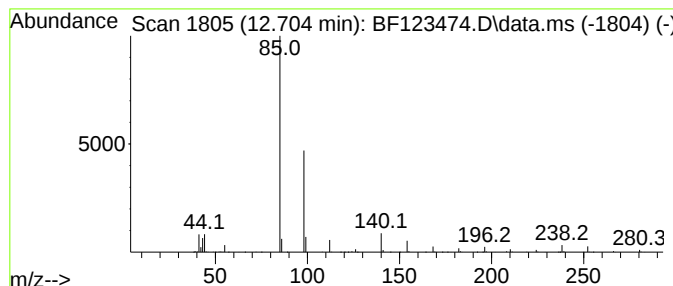
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.704 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	15.11 ng	1315210	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Palmidrol	299	C18H37NO2	000544-31-0	43
2			Octanamide, N-(2-hydroxyethyl)-	187	C10H21NO2	007112-02-9	40
3			Decanamide, N-(2-hydroxyethyl)-	215	C12H25NO2	007726-08-1	35
4			3-[2-Tetrahydropyranyloxy]-1-butyne	154	C9H14O2	1000227-17-0	9
5			1-(2-Pyranyl)-4,9-dihydro(1H)nap...	283	C15H13N3O3	1000103-08-6	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123474.D
Acq On : 25 Mar 2021 22:00
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Sample : M1776-01 5X
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ALS Vial : 21 Sample Multiplier: 1

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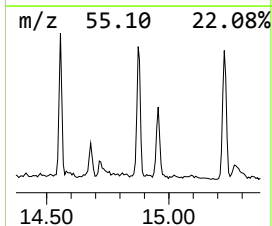
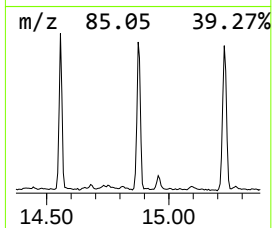
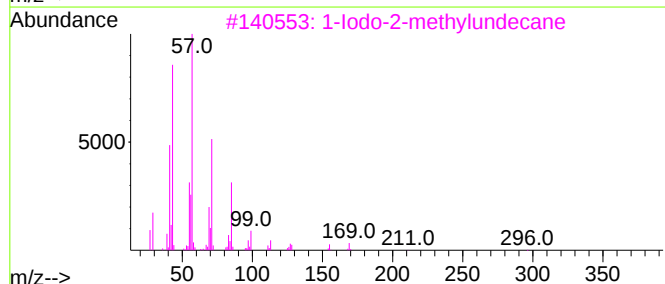
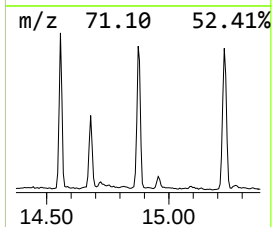
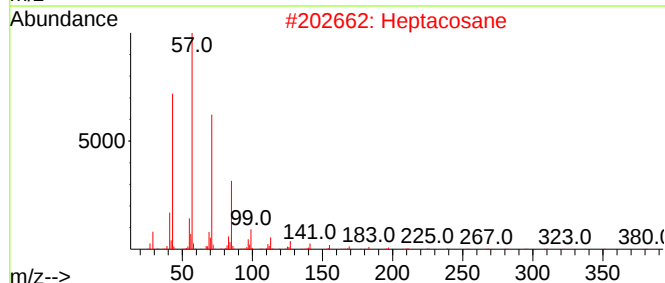
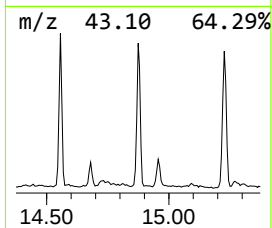
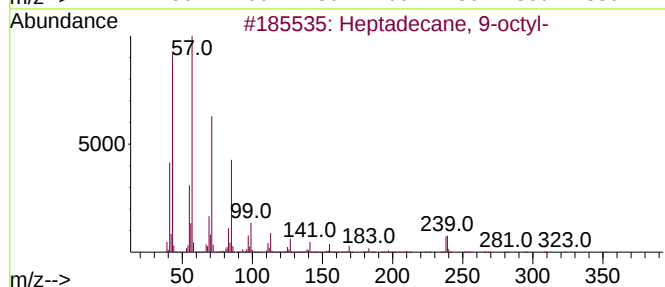
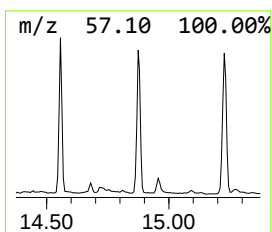
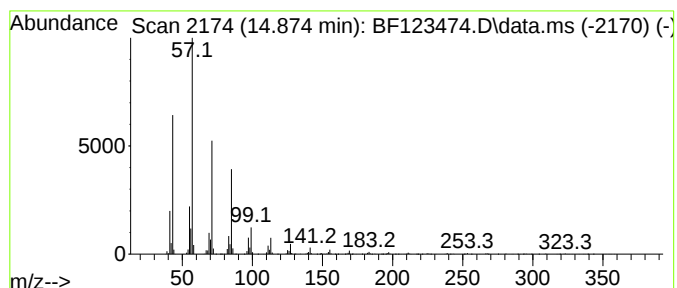
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.874	41.18 ng	1971810	Perylene-d12	15.580

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Triacontane	422	C30H62	000638-68-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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Acq On : 25 Mar 2021 22:00
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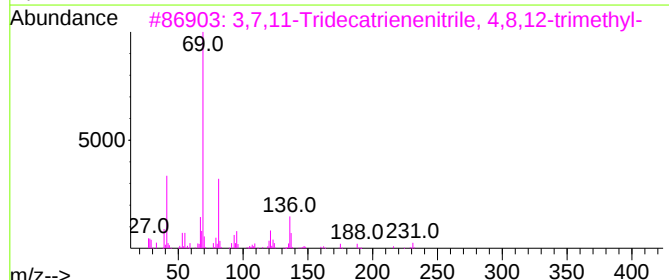
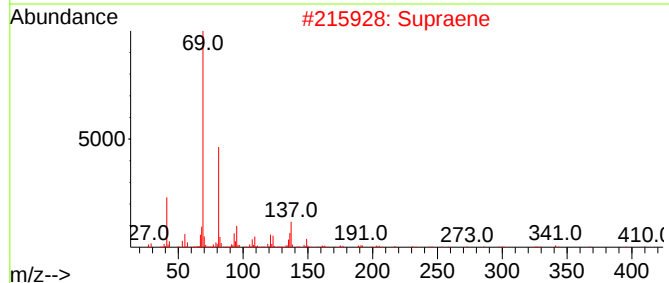
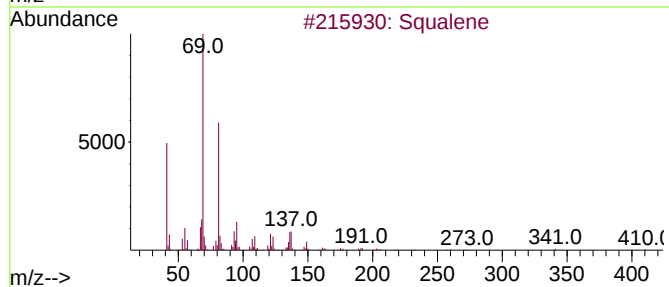
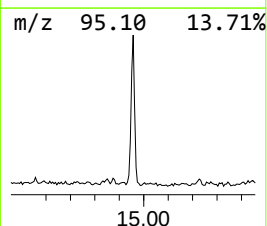
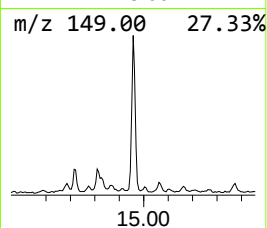
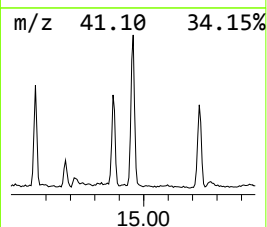
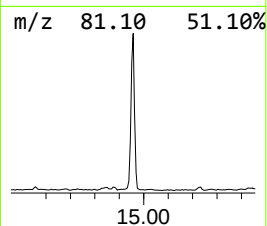
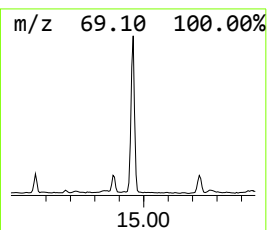
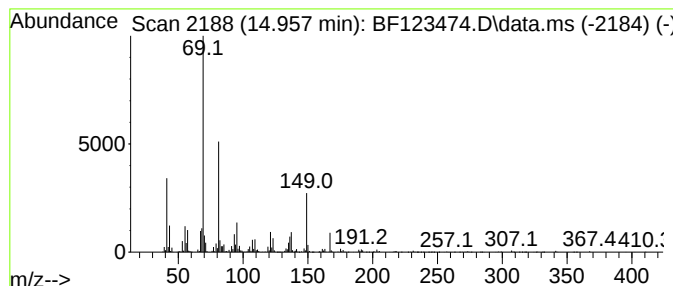
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	47.20 ng	2260050	Perylene-d12	15.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	87
2			Supraene	410	C30H50	007683-64-9	87
3			3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	64
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
5			2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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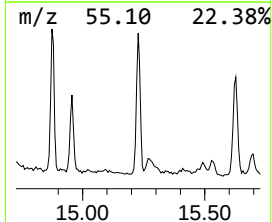
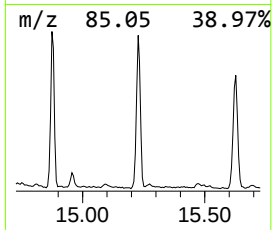
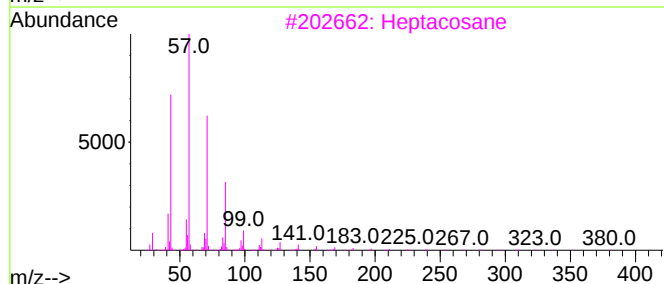
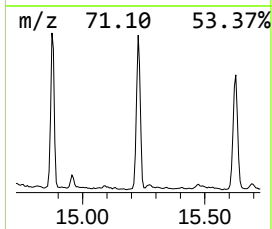
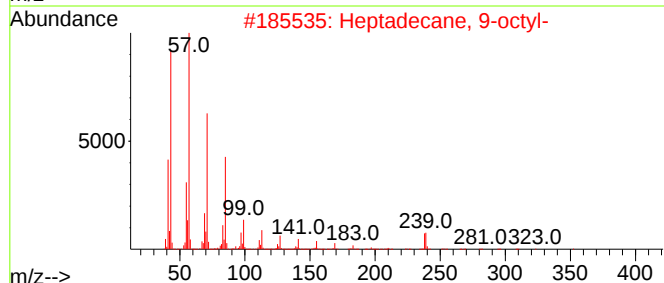
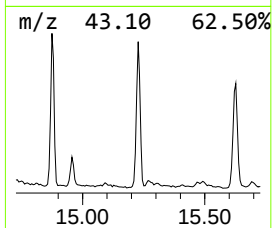
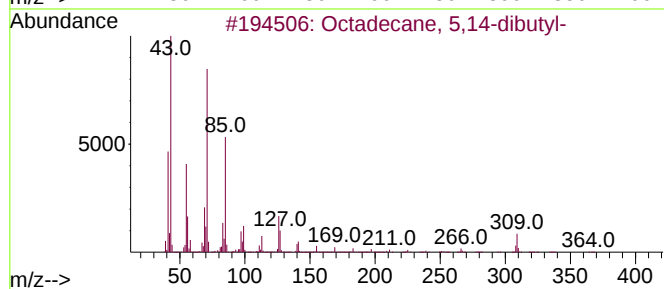
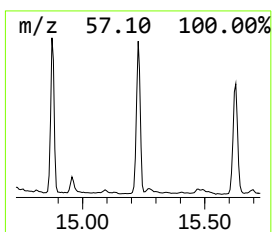
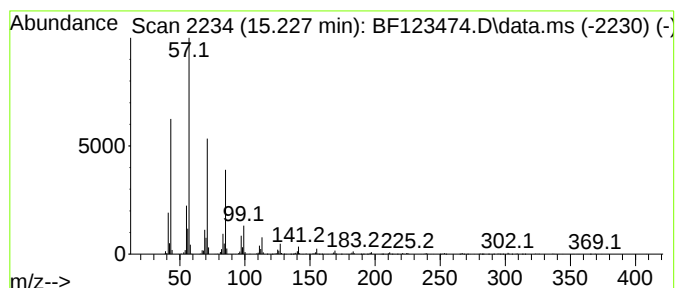
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane, 5,14-dibutyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.227	45.33 ng	2170460	Perylene-d12		15.580	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 5,14-dibutyl-		366	C26H54	055282-13-8	93
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	93
3	Heptacosane		380	C27H56	000593-49-7	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Hexatriacontane		507	C36H74	000630-06-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123474.D
Acq On : 25 Mar 2021 22:00
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Sample : M1776-01 5X
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ALS Vial : 21 Sample Multiplier: 1

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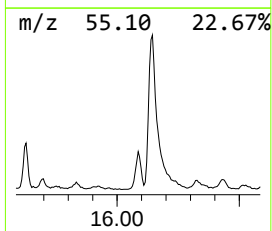
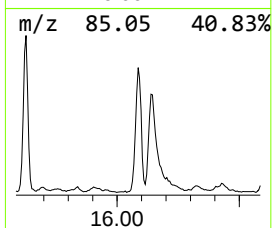
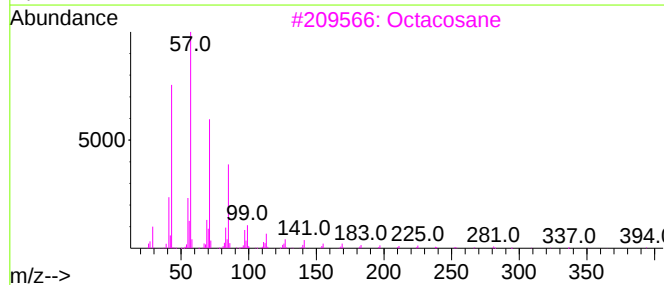
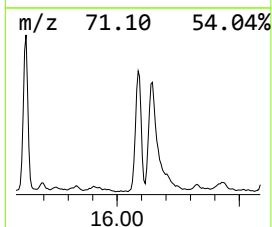
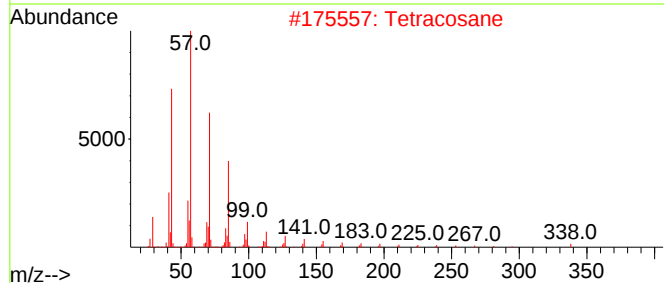
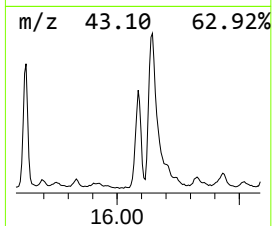
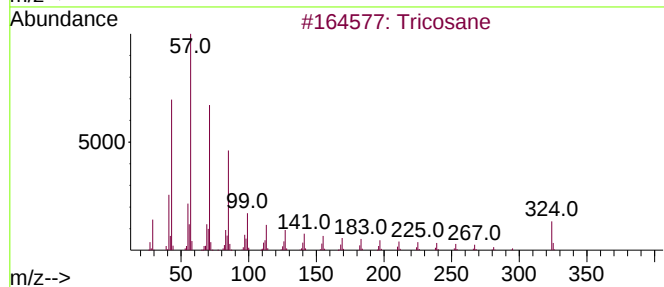
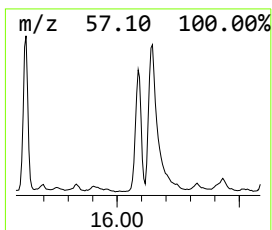
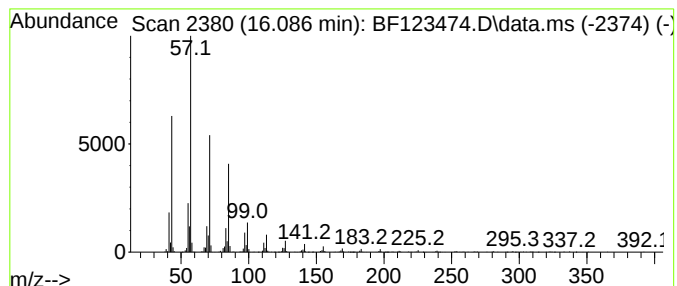
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	39.15 ng	1874620	Perylene-d12	15.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Hexatriacontane	507	C36H74	000630-06-8	91



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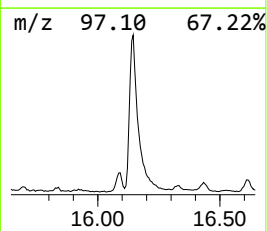
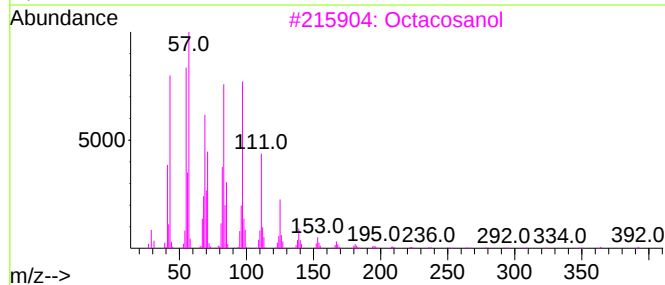
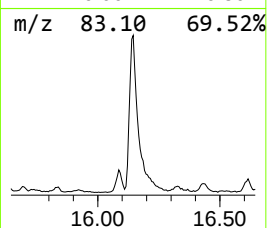
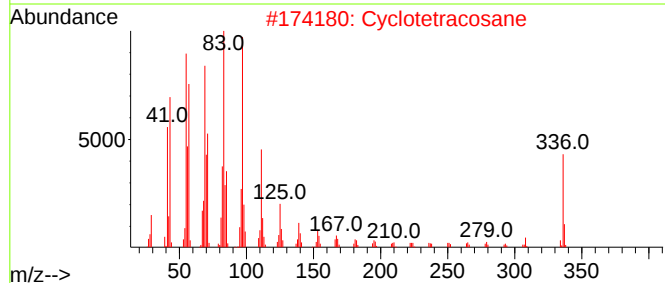
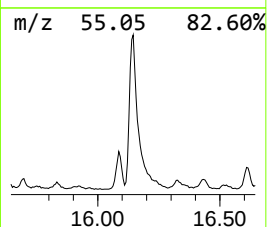
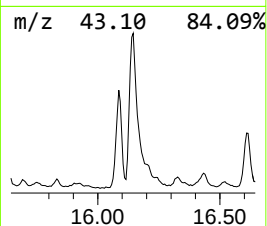
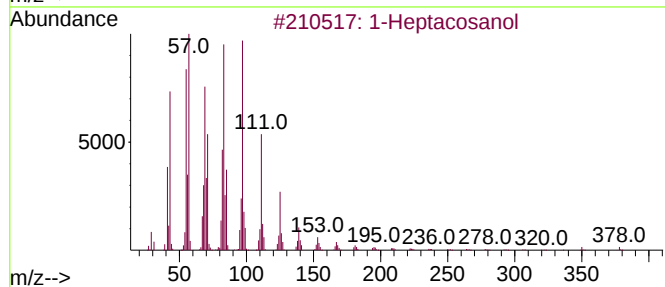
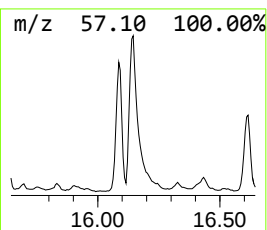
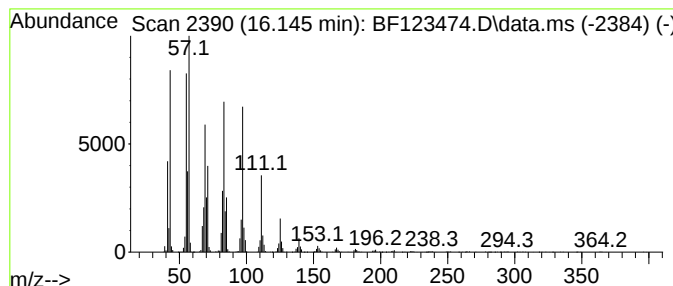
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	129.92 ng	6220880	Perylene-d12	15.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	95
2			Cyclotetracosane	336	C24H48	000297-03-0	94
3			Octacosanol	410	C28H58O	000557-61-9	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	91
5			Octacosyl acetate	452	C30H60O2	018206-97-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
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Operator : JU/CG
Sample : M1776-01 5X
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ALS Vial : 21 Sample Multiplier: 1

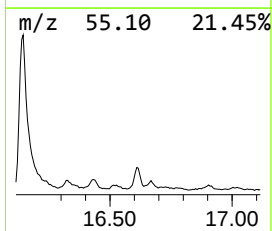
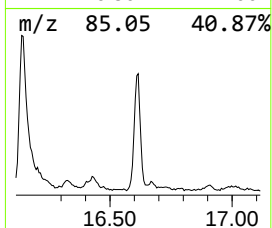
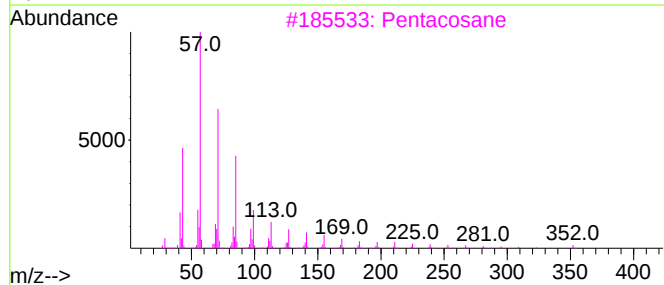
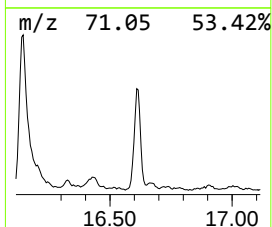
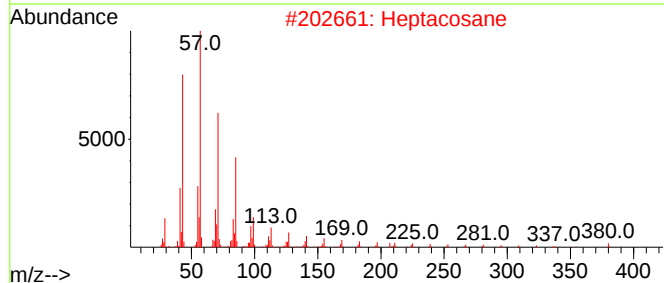
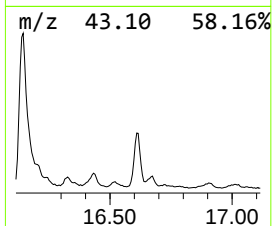
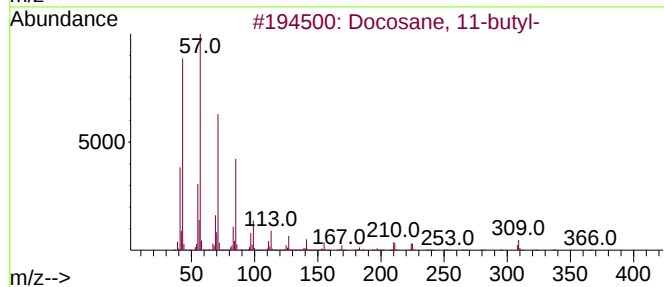
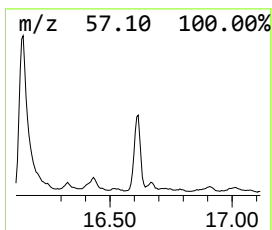
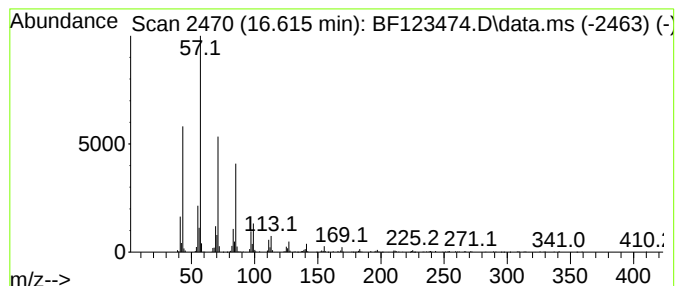
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Docosane, 11-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.615	24.64 ng	1179930	Perylene-d12		15.580	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-		366	C26H54	013475-76-8	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Pentacosane		352	C25H52	000629-99-2	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Hexacosane		366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123474.D
Acq On : 25 Mar 2021 22:00
Operator : JU/CG
Sample : M1776-01 5X
Misc :
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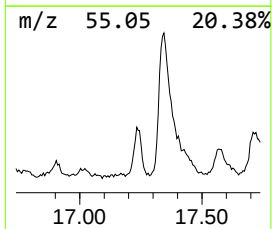
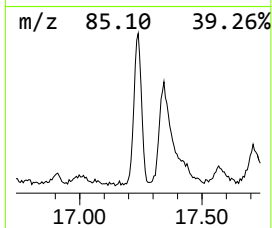
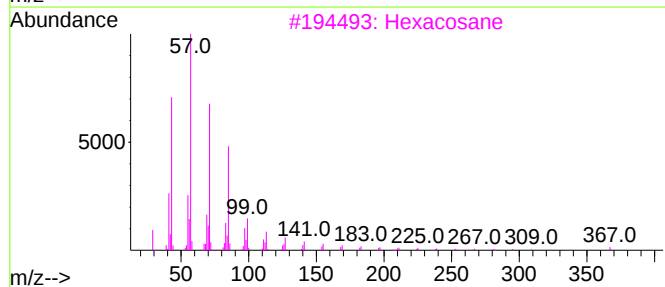
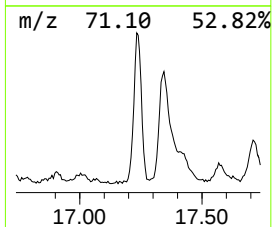
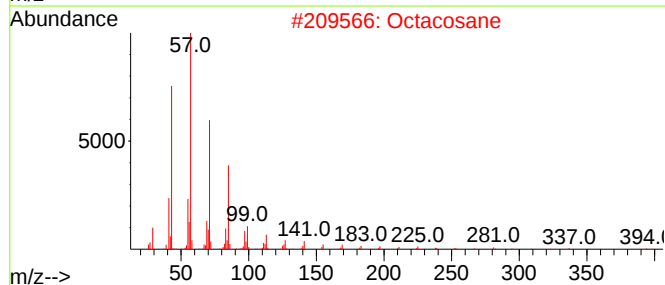
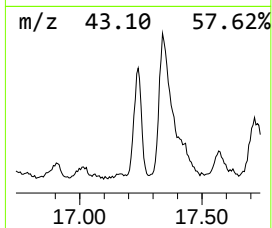
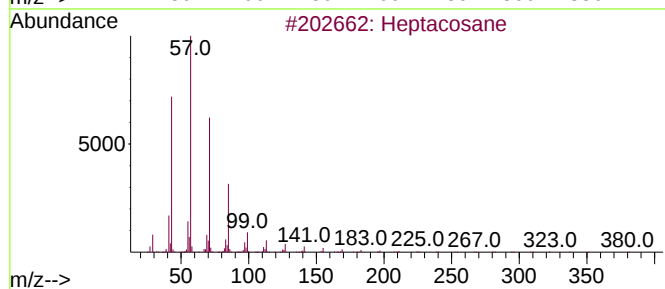
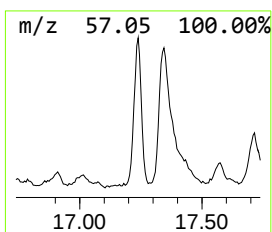
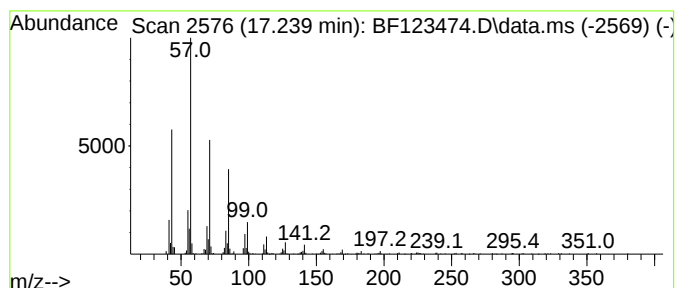
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.239	20.67 ng	989603	Perylene-d12	15.580	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123474.D
Acq On : 25 Mar 2021 22:00
Operator : JU/CG
Sample : M1776-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110

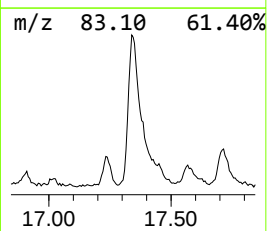
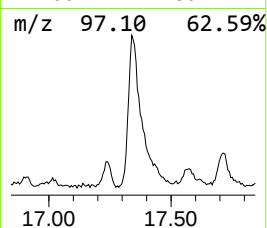
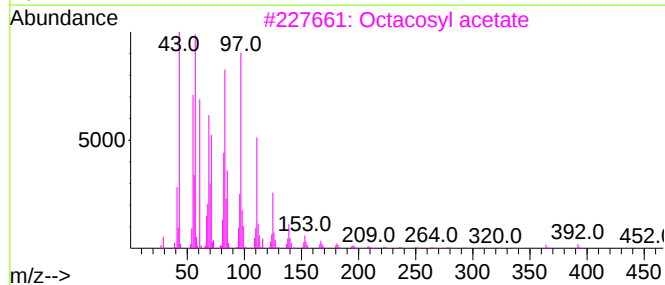
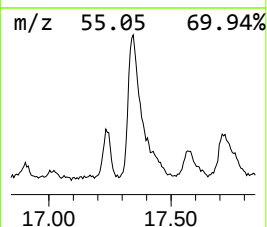
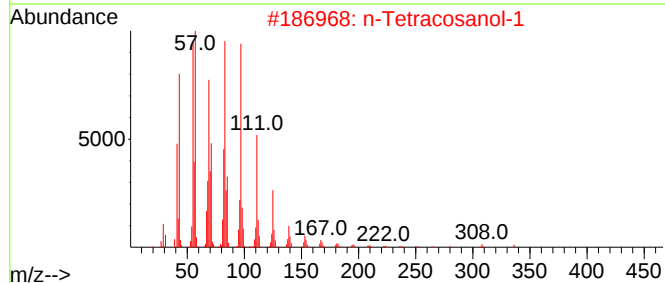
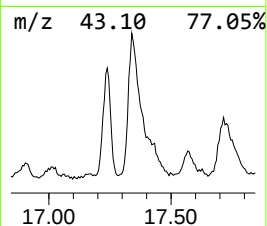
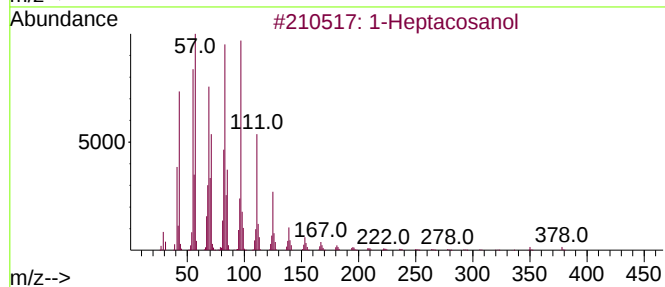
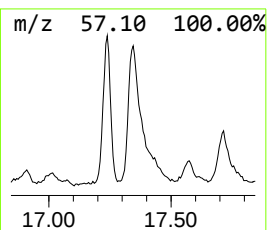
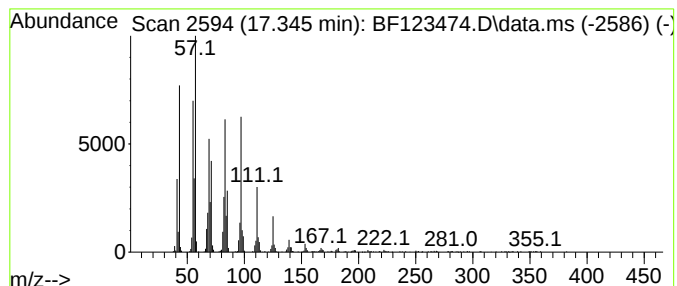
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.345	69.49 ng	3327560	Perylene-d12	15.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	94
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3			Octacosyl acetate	452	C30H60O2	018206-97-8	91
4			Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	91
5			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123474.D
Acq On : 25 Mar 2021 22:00
Operator : JU/CG
Sample : M1776-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

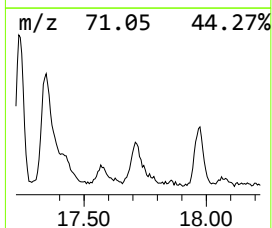
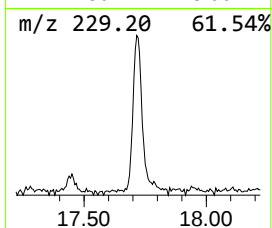
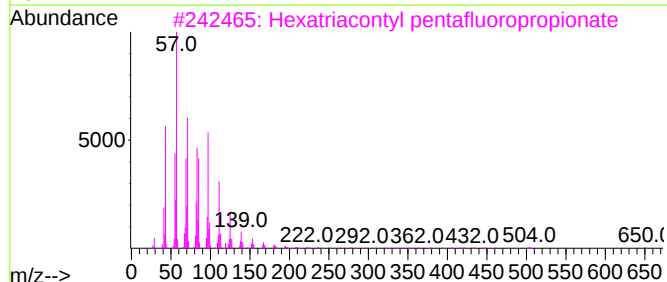
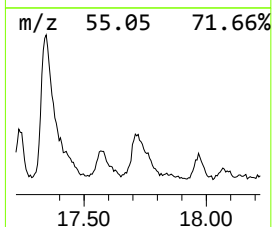
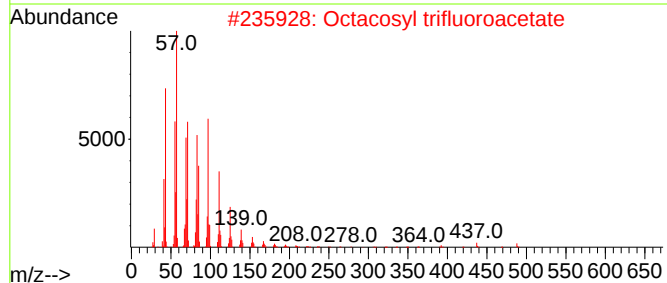
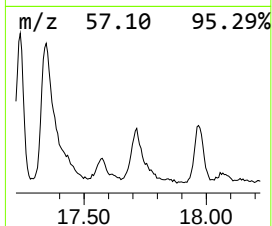
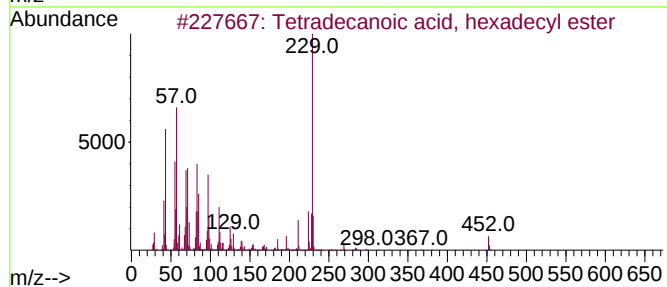
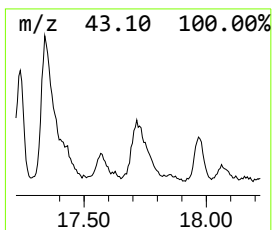
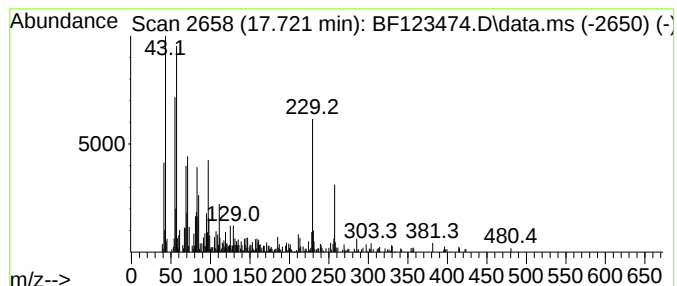
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecanoic acid, hexadec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.721	15.27 ng	731362	Perylene-d12		15.580	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecanoic acid, hexadecyl ester		452	C30H60O2	002599-01-1	81
2	Octacosyl trifluoroacetate		506	C30H57F3O2	1000351-74-9	64
3	Hexatriacontyl pentafluoropropio...		669	C39H73F5O2	1000351-89-0	64
4	Tetratriacontyl heptafluorobutyrate		691	C38H69F7O2	1000351-84-1	58
5	Tetratriacontyl pentafluoropropi...		641	C37H69F5O2	1000351-81-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123474.D
 Acq On : 25 Mar 2021 22:00
 Operator : JU/CG
 Sample : M1776-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.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
Ethanol, 2-(hex...	7.545	13.7	ng	1243990	2	8.186	1822000	20.0
Hexanoic acid, ...	7.663	62.3	ng	5676830	2	8.186	1822000	20.0
Tridecane	8.780	14.2	ng	1289960	2	8.186	1822000	20.0
Hexadecane	9.345	14.6	ng	1345290	3	9.945	1837300	20.0
Undecanoic acid	10.157	14.3	ng	1309810	3	9.945	1837300	20.0
Tetradecanoic acid	11.110	25.5	ng	2221780	4	11.433	1740990	20.0
Hexadecenoic ac...	11.898	40.1	ng	3494710	4	11.433	1740990	20.0
Tridecanoic acid	11.992	99.1	ng	8627490	4	11.433	1740990	20.0
1-Octadecene	12.492	18.0	ng	1566810	4	11.433	1740990	20.0
9-Hexadecenoic ...	12.686	40.2	ng	3500230	4	11.433	1740990	20.0
unknown12.704	12.704	15.1	ng	1315210	4	11.433	1740990	20.0
Heptadecane, 9-...	14.874	41.2	ng	1971810	6	15.580	957665	20.0
Squalene	14.957	47.2	ng	2260050	6	15.580	957665	20.0
Octadecane, 5,1...	15.227	45.3	ng	2170460	6	15.580	957665	20.0
Tricosane	16.086	39.1	ng	1874620	6	15.580	957665	20.0
1-Heptacosanol	16.145	129.9	ng	6220880	6	15.580	957665	20.0
Docosane, 11-bu...	16.615	24.6	ng	1179930	6	15.580	957665	20.0
Heptacosane	17.239	20.7	ng	989603	6	15.580	957665	20.0
n-Tetracosanol-1	17.345	69.5	ng	3327560	6	15.580	957665	20.0
Tetradecanoic a...	17.721	15.3	ng	731362	6	15.580	957665	20.0