

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111688.D
 Acq On : 21 Dec 2018 15:37
 Operator : JU/SJ
 Sample : J6447-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0612-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF121918.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.010	319	327	332	rBV	820100	1054735	8.97%	0.767%
2	5.122	511	516	521	rVB	204734	273180	2.32%	0.199%
3	5.522	576	584	588	rBV	3815326	4031415	34.29%	2.931%
4	6.440	736	740	744	rBV	229638	216482	1.84%	0.157%
5	6.528	749	755	760	rVB	3970603	4479788	38.11%	3.257%
6	6.669	774	779	782	rBV	4587694	4005980	34.08%	2.912%
7	6.898	812	818	821	rBV2	1422915	1623770	13.81%	1.180%
8	7.057	841	845	848	rVB	3744873	3143034	26.74%	2.285%
9	7.457	905	913	916	rBV	2631304	2580835	21.95%	1.876%
10	8.057	1011	1015	1018	rBV	713211	544795	4.63%	0.396%
11	8.181	1032	1036	1038	rBV	1614224	1483662	12.62%	1.079%
12	8.198	1038	1039	1044	rVB	928314	601762	5.12%	0.437%
13	8.892	1153	1157	1160	rVB	962318	763401	6.49%	0.555%
14	8.992	1169	1174	1179	rBV2	1029460	1321046	11.24%	0.960%
15	9.257	1214	1219	1222	rBV	4539209	4130974	35.14%	3.003%
16	9.351	1230	1235	1238	rBV3	275643	366239	3.12%	0.266%
17	9.481	1254	1257	1260	rVB	657559	475802	4.05%	0.346%
18	9.522	1260	1264	1267	rBV	230903	320986	2.73%	0.233%
19	9.592	1271	1276	1278	rBV	482312	478627	4.07%	0.348%
20	9.645	1282	1285	1292	rVB2	547017	830491	7.06%	0.604%
21	9.710	1292	1296	1298	rBV	217081	207101	1.76%	0.151%
22	9.792	1306	1310	1313	rBV	853889	673270	5.73%	0.489%
23	9.933	1331	1334	1337	rVB2	1648479	1359390	11.56%	0.988%
24	10.098	1357	1362	1365	rVV2	534851	508716	4.33%	0.370%
25	10.133	1365	1368	1371	rVV	249037	233714	1.99%	0.170%
26	10.480	1424	1427	1433	rVB	289946	326155	2.77%	0.237%
27	10.716	1463	1467	1472	rBV	2454107	2374534	20.20%	1.726%
28	11.028	1516	1520	1523	rBV4	151338	201498	1.71%	0.146%
29	11.063	1523	1526	1528	rBV2	334445	393431	3.35%	0.286%
30	11.128	1534	1537	1540	rVB2	927049	730646	6.22%	0.531%
31	11.175	1542	1545	1548	rBV	311458	285386	2.43%	0.207%
32	11.398	1580	1583	1584	rBV	882335	655557	5.58%	0.477%
33	11.416	1584	1586	1588	rVV	1471364	1307134	11.12%	0.950%
34	11.445	1588	1591	1593	rVV	1790648	1671614	14.22%	1.215%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.469	1593	1595	1598	rVV2	1376042	1247543	10.61%	0.907%
36	11.539	1601	1607	1611	rBV7	323759	578713	4.92%	0.421%
37	11.580	1611	1614	1618	rVB	916950	869180	7.39%	0.632%
38	11.645	1622	1625	1631	rVB	1221619	1095232	9.32%	0.796%
39	11.922	1668	1672	1674	rBV	450657	495349	4.21%	0.360%
40	11.951	1674	1677	1682	rVB	1980630	1955897	16.64%	1.422%
41	12.033	1687	1691	1693	rVV2	660492	744474	6.33%	0.541%
42	12.075	1696	1698	1700	rVV2	290554	274733	2.34%	0.200%
43	12.122	1703	1706	1712	rVB2	344772	376507	3.20%	0.274%
44	12.233	1723	1725	1730	rVB3	307120	275352	2.34%	0.200%
45	12.280	1730	1733	1736	rBV2	525736	488795	4.16%	0.355%
46	12.463	1761	1764	1767	rBV2	340589	349340	2.97%	0.254%
47	12.510	1768	1772	1774	rVV2	523182	603046	5.13%	0.438%
48	12.551	1776	1779	1784	rVB2	1041137	1122754	9.55%	0.816%
49	12.627	1789	1792	1795	rBV	718723	697990	5.94%	0.507%
50	12.686	1798	1802	1806	rVV3	543699	777260	6.61%	0.565%
51	12.733	1806	1810	1818	rVB3	1710319	2002588	17.04%	1.456%
52	12.857	1828	1831	1834	rBV	1143715	1104320	9.39%	0.803%
53	13.004	1852	1856	1862	rVB	3827988	3699606	31.47%	2.690%
54	13.074	1865	1868	1870	rBV3	163213	202566	1.72%	0.147%
55	13.098	1870	1872	1875	rVB	893710	739138	6.29%	0.537%
56	13.127	1875	1877	1882	rBV3	347489	488453	4.16%	0.355%
57	13.192	1885	1888	1890	rBV2	2530949	2280180	19.40%	1.658%
58	13.239	1893	1896	1900	rVB	1483564	1386450	11.79%	1.008%
59	13.327	1909	1911	1913	rVV	379527	325273	2.77%	0.236%
60	13.380	1917	1920	1923	rVV	2696624	2721725	23.15%	1.979%
61	13.416	1923	1926	1930	rVV4	867271	854675	7.27%	0.621%
62	13.451	1930	1932	1935	rVV	340163	311194	2.65%	0.226%
63	13.486	1935	1938	1942	rVV2	1115502	1137149	9.67%	0.827%
64	13.551	1946	1949	1952	rBV2	337743	435890	3.71%	0.317%
65	13.598	1952	1957	1961	rVB2	1644808	2367911	20.14%	1.721%
66	13.698	1971	1974	1978	rBV2	1585108	1526185	12.98%	1.110%
67	13.745	1979	1982	1986	rBV	811756	924025	7.86%	0.672%
68	13.904	2003	2009	2016	rBV3	6403679	9993848	85.01%	7.265%
69	13.963	2016	2019	2022	rBV2	421454	388924	3.31%	0.283%
70	14.057	2028	2035	2038	rBV2	1343847	1789556	15.22%	1.301%
71	14.098	2038	2042	2044	rVV2	2445416	2416907	20.56%	1.757%

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72	14.127	2044	2047	2050	rVB	771335	705855	6.00%	0.513%
73	14.198	2057	2059	2061	rBV	222892	221519	1.88%	0.161%
74	14.227	2061	2064	2069	rVB2	768675	1059589	9.01%	0.770%
75	14.316	2076	2079	2082	rBV	1017495	972784	8.28%	0.707%
76	14.357	2082	2086	2089	rVV2	864116	1021991	8.69%	0.743%
77	14.404	2092	2094	2097	rVV2	461634	373904	3.18%	0.272%
78	14.445	2097	2101	2106	rVV5	352262	500346	4.26%	0.364%
79	14.551	2114	2119	2124	rBV	9708475	11755433	100.00%	8.546%
80	14.598	2124	2127	2131	rVB2	528429	514463	4.38%	0.374%
81	14.763	2152	2155	2164	rVB3	876461	1491374	12.69%	1.084%
82	14.857	2165	2171	2179	rVB4	790838	1812080	15.41%	1.317%
83	14.998	2192	2195	2199	rBV	1093245	1142074	9.72%	0.830%
84	15.210	2225	2231	2232	rBV2	3090489	4325350	36.79%	3.144%
85	15.280	2240	2243	2248	rVB	746553	891195	7.58%	0.648%
86	15.551	2285	2289	2292	rVB	504715	572770	4.87%	0.416%
87	15.798	2326	2331	2334	rBV	931963	1355935	11.53%	0.986%
88	16.045	2368	2373	2377	rBV	1065164	1804257	15.35%	1.312%
89	16.086	2377	2380	2388	rVV	1384026	2291142	19.49%	1.666%
90	16.162	2389	2393	2397	rVV	842438	1306530	11.11%	0.950%
91	16.204	2397	2400	2409	rVB3	441667	795926	6.77%	0.579%
92	16.857	2507	2511	2518	rVB	559173	1011005	8.60%	0.735%
93	17.251	2574	2578	2587	rVB2	438257	1024674	8.72%	0.745%
94	17.362	2591	2597	2601	rVV	643170	1539338	13.09%	1.119%
95	17.415	2602	2606	2615	rVB	790091	1624558	13.82%	1.181%
96	17.674	2644	2650	2657	rVV3	462096	970690	8.26%	0.706%
97	17.762	2660	2665	2674	rVB4	632068	1688533	14.36%	1.228%
98	17.856	2677	2681	2695	rVB6	297085	871164	7.41%	0.633%
99	18.009	2703	2707	2714	rVB5	264861	522889	4.45%	0.380%
100	18.404	2770	2774	2782	rVB5	273691	682288	5.80%	0.496%

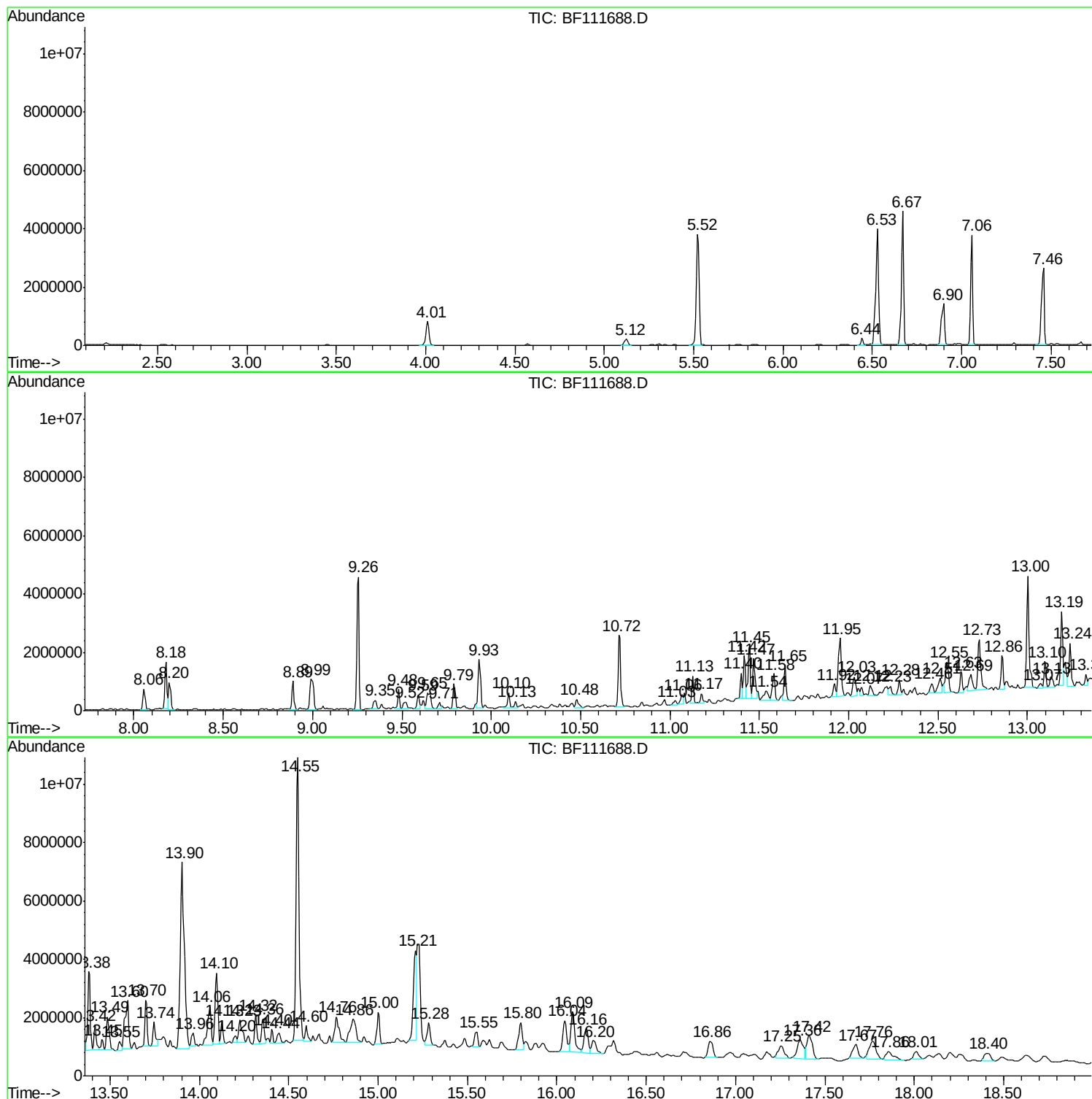
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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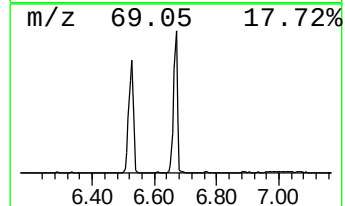
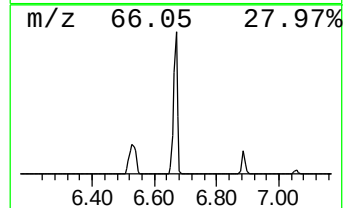
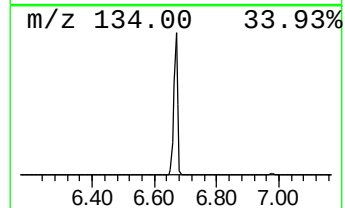
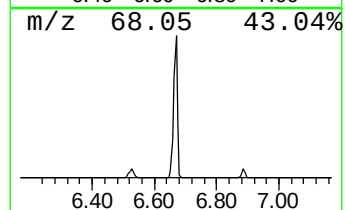
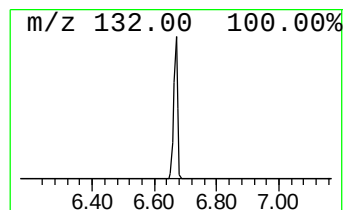
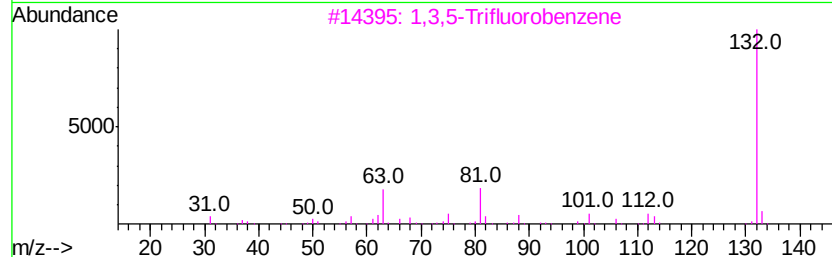
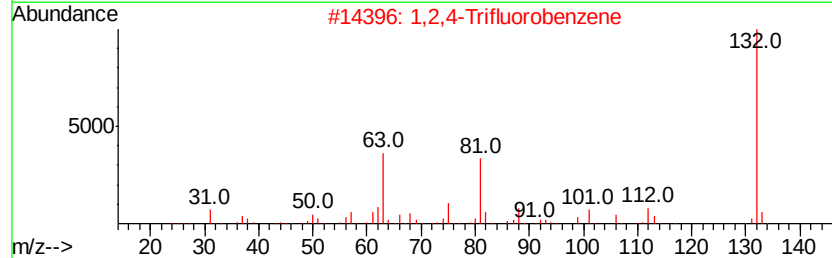
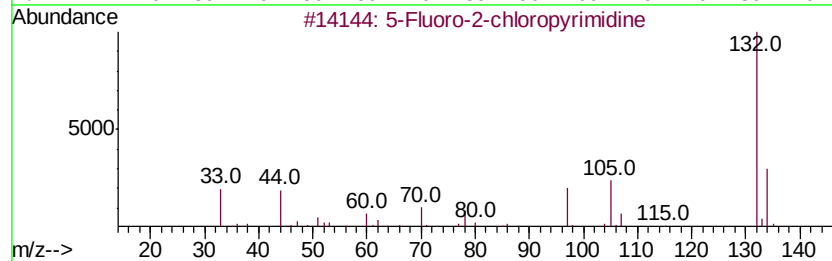
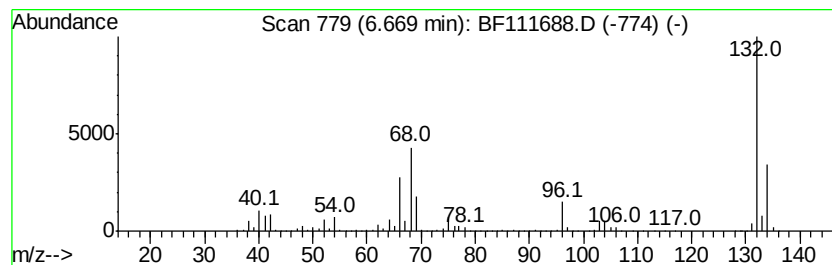
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	49.34 ng	4005980	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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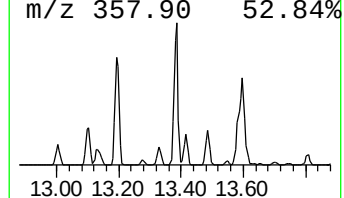
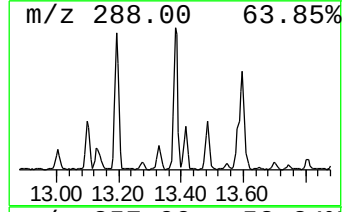
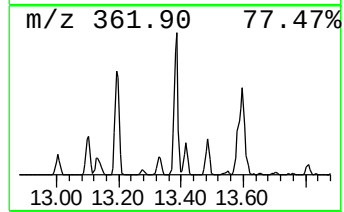
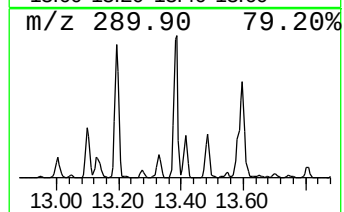
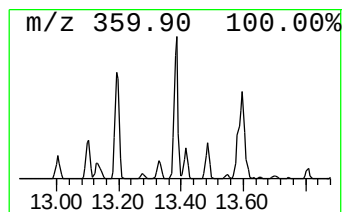
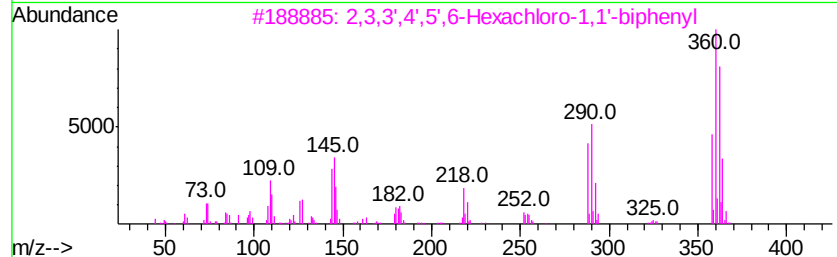
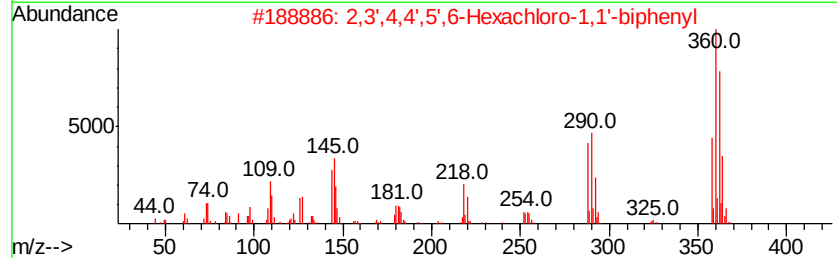
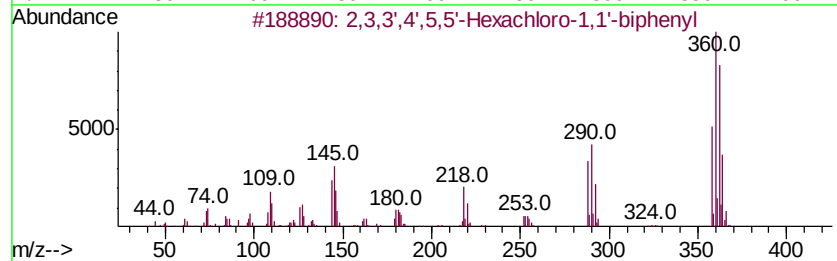
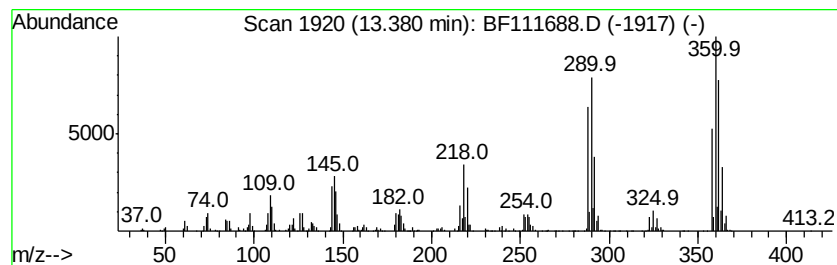
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TIC Integration Parameters: LSCINT.P

Peak Number 3 2,3,3',4',5,5'-Hexachloro-1... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.38	30.42 ng	2721730	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99	
2	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99	
3	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99	
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99	
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99	



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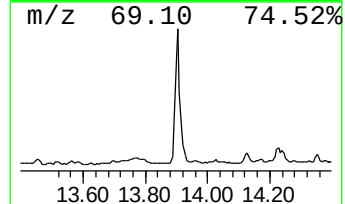
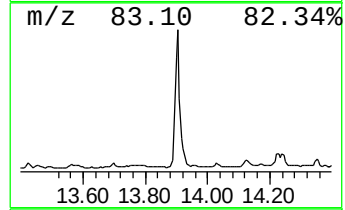
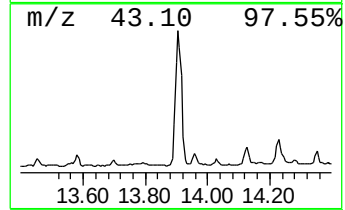
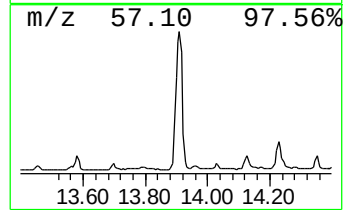
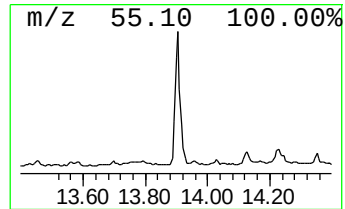
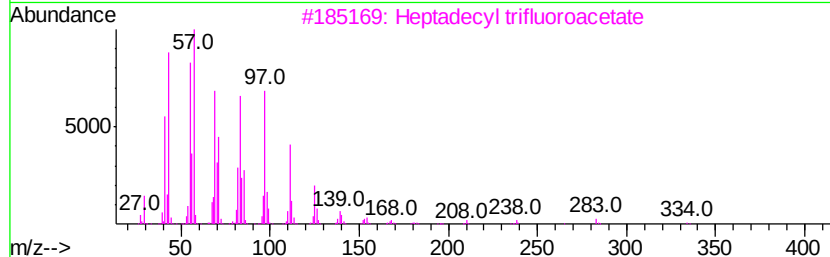
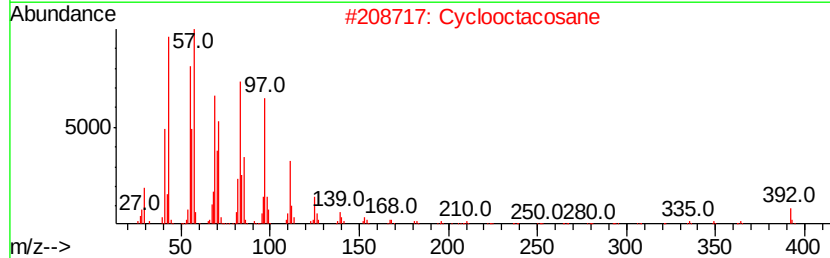
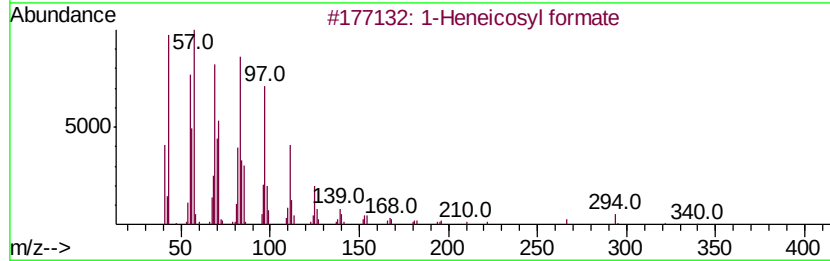
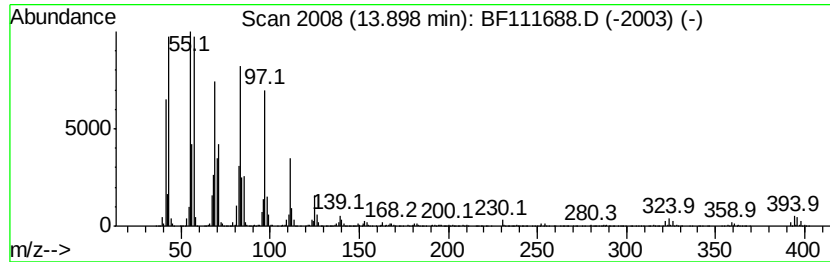
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	111.69 ng	9993850	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2		Cyclooctacosane	392	C28H56	000297-24-5	95
3		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
5		9-Tricosene, (Z)-	322	C23H46	027519-02-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111688.D
Acq On : 21 Dec 2018 15:37
Operator : JU/SJ
Sample : J6447-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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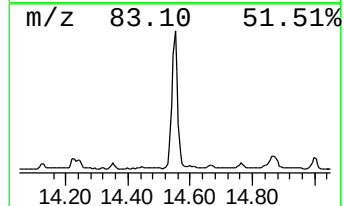
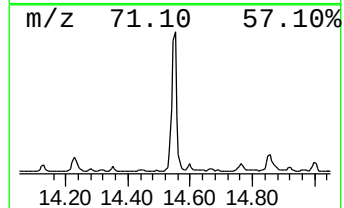
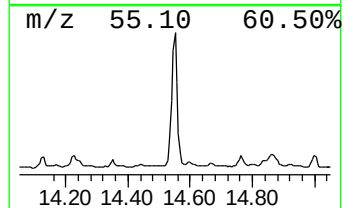
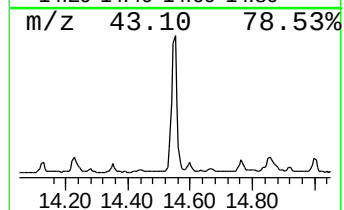
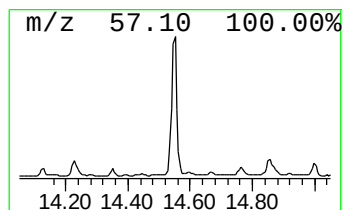
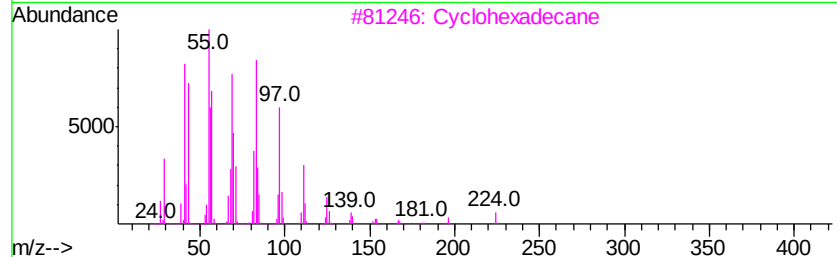
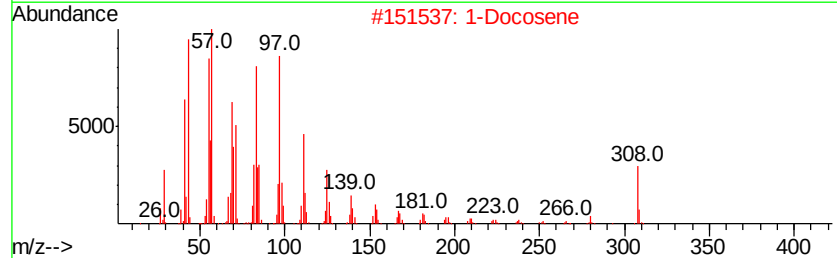
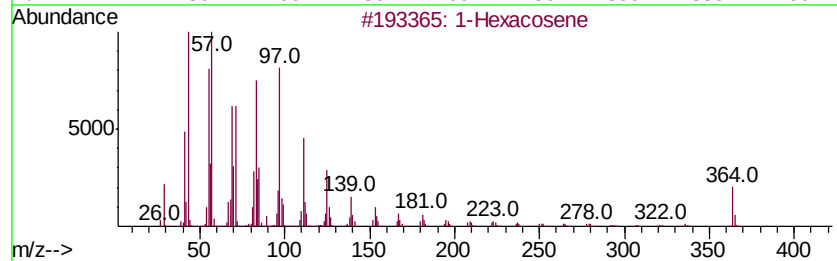
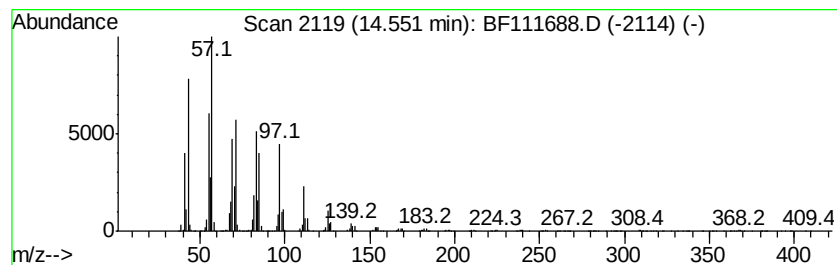
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	131.38 ng	11755400	Chrysene-d12	14.06

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	97
2	1-Docosene	308	C22H44	001599-67-3	95
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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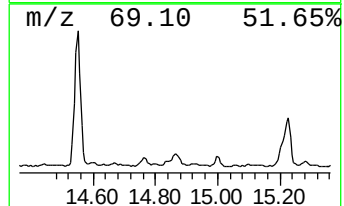
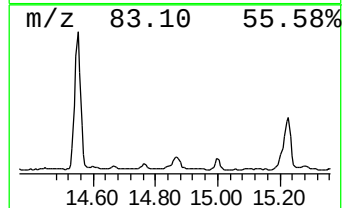
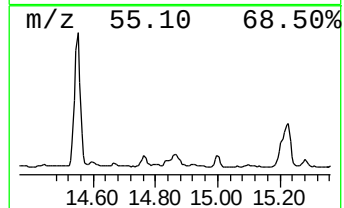
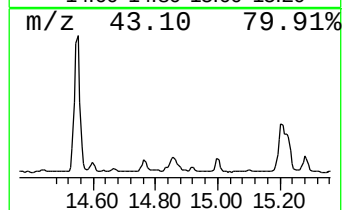
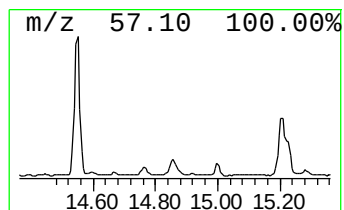
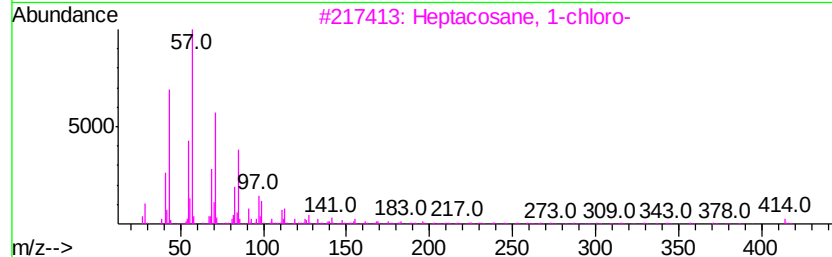
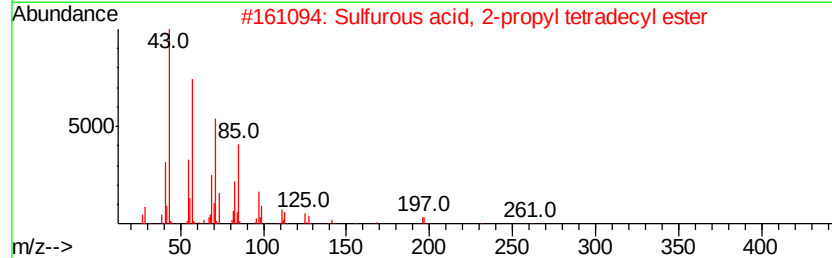
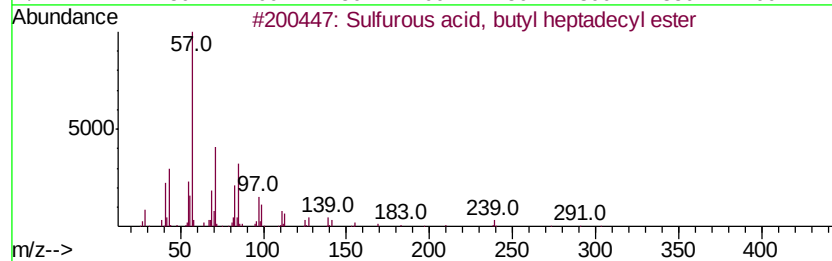
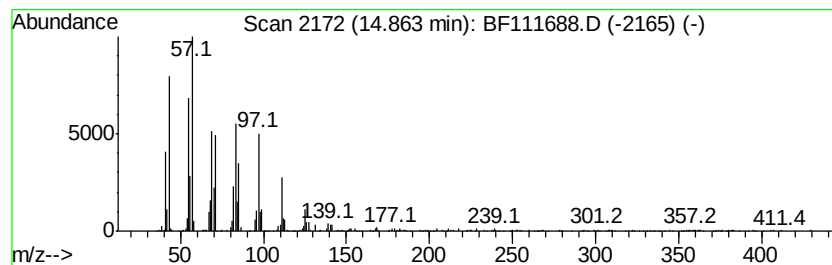
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Sulfurous acid, butyl hepta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.86	63.27 ng	1812080	Perylene-d12	15.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
2		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
4		Heptacosane	380	C27H56	000593-49-7	76
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Sample : J6447-03
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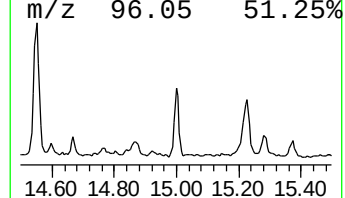
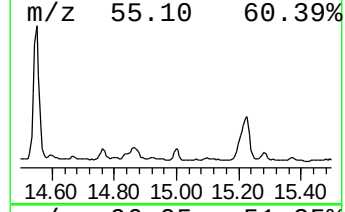
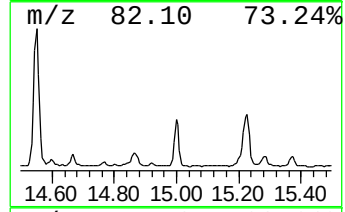
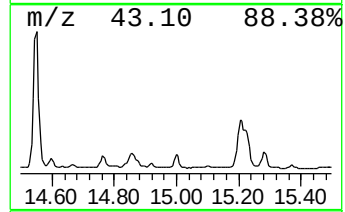
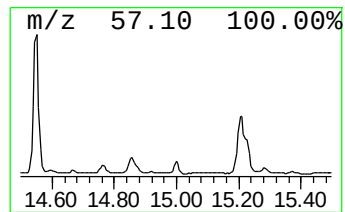
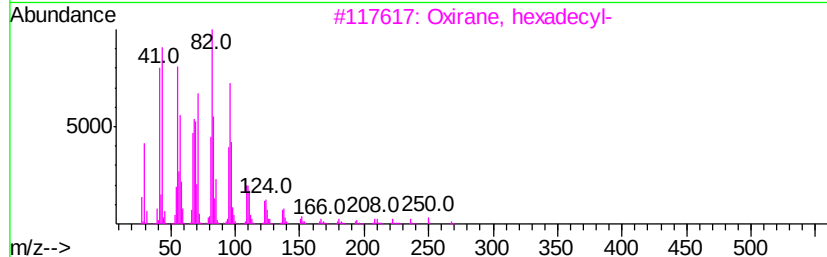
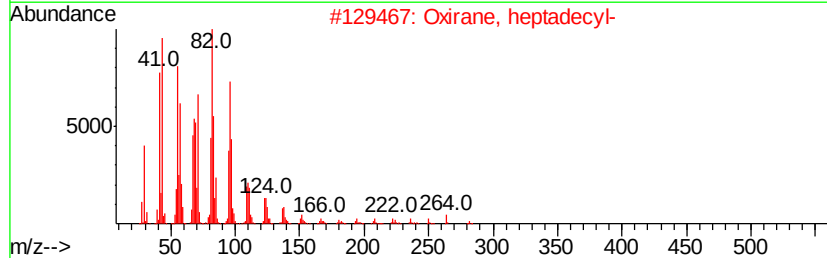
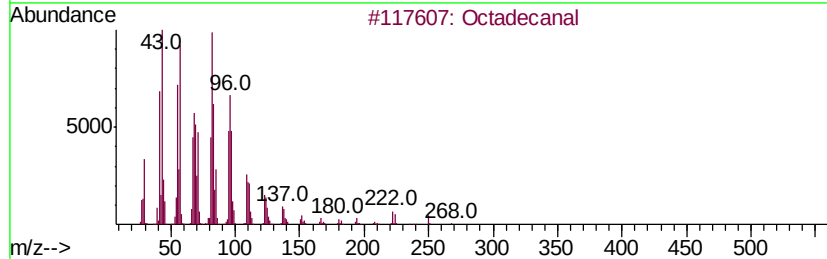
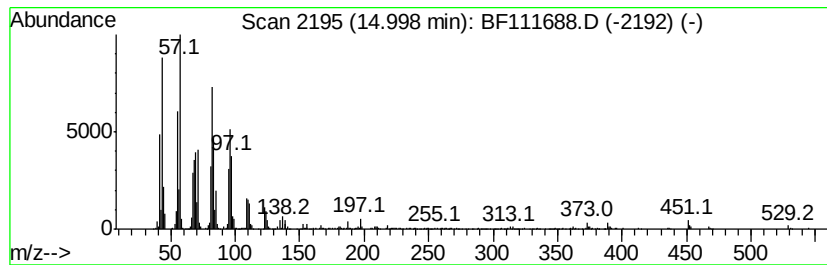
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	39.88 ng	1142070	Perylene-d12	15.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanal	268 C18H36O	000638-66-4	96
2	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	94
3	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	94
4	13-Octadecenal	266 C18H34O	056554-90-6	91
5	Tetradecanal	212 C14H28O	000124-25-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111688.D
Acq On : 21 Dec 2018 15:37
Operator : JU/SJ
Sample : J6447-03
Misc :
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Instrument :
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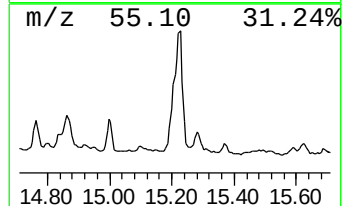
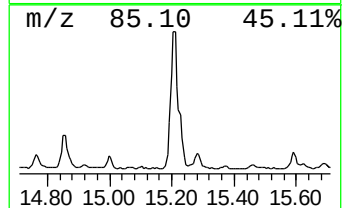
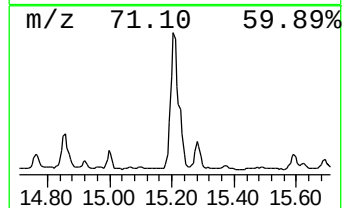
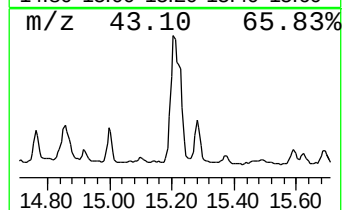
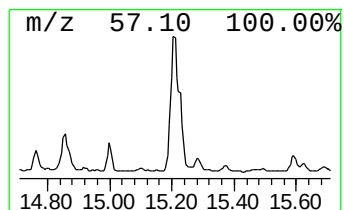
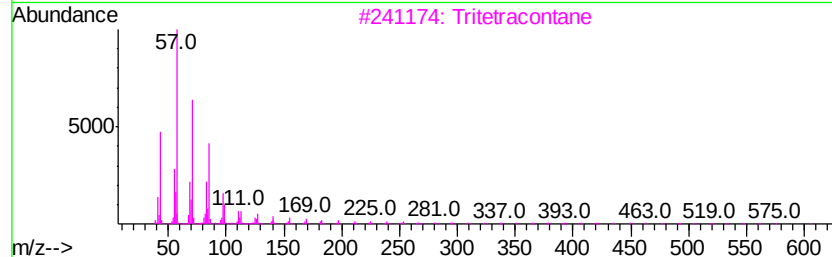
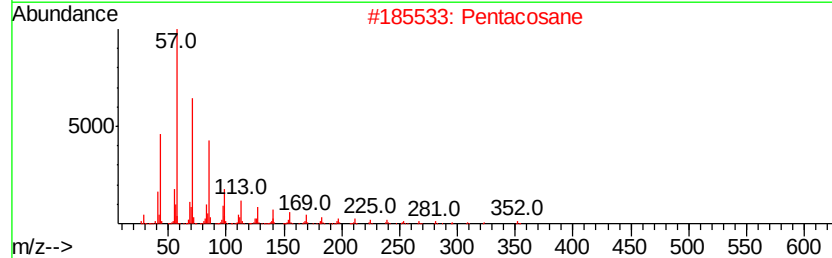
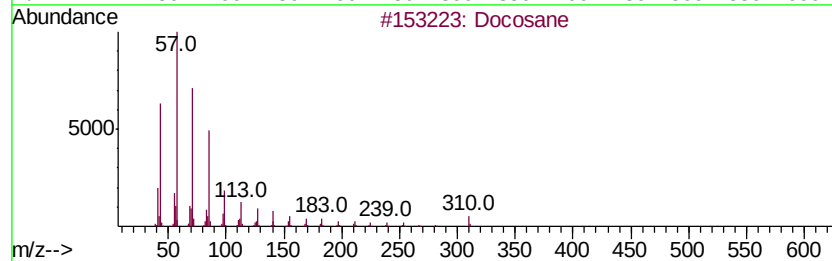
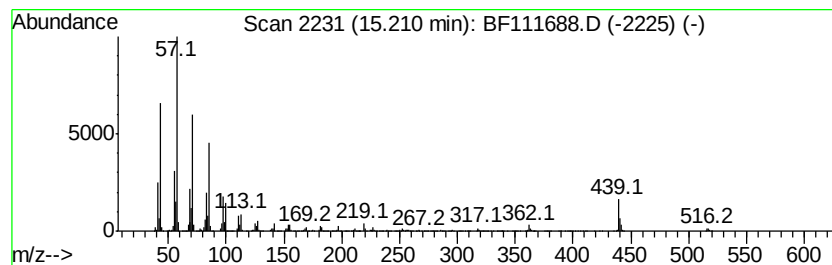
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Docosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	151.03 ng	4325350	Perylene-d12	15.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane		310	C22H46	000629-97-0	93
2	Pentacosane		352	C25H52	000629-99-2	90
3	Tritetracontane		605	C43H88	007098-21-7	70
4	2-Bromo dodecane		248	C12H25Br	013187-99-0	70
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111688.D
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Misc :
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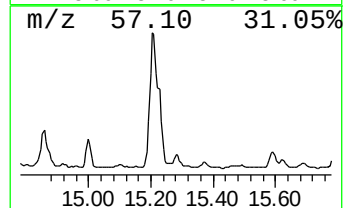
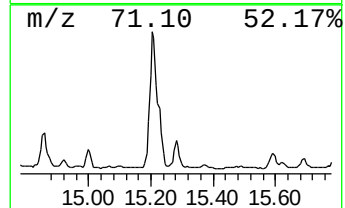
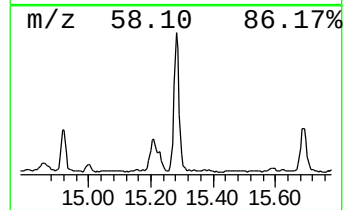
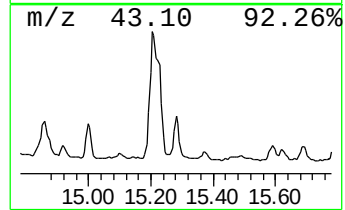
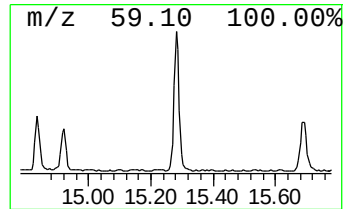
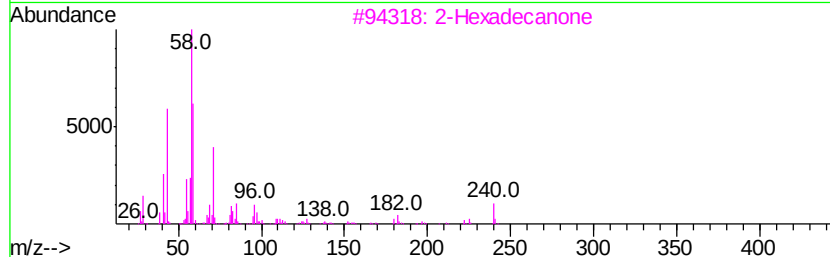
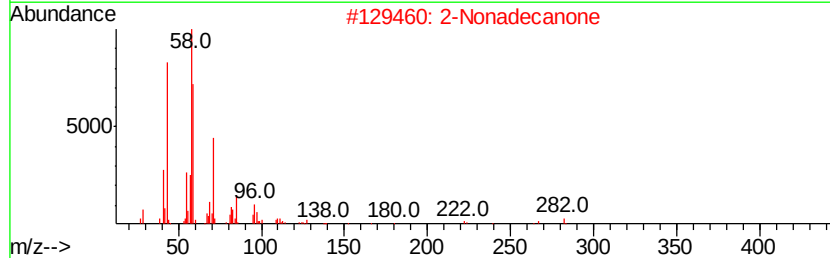
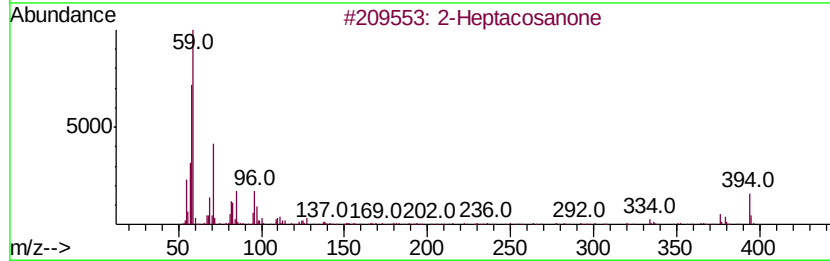
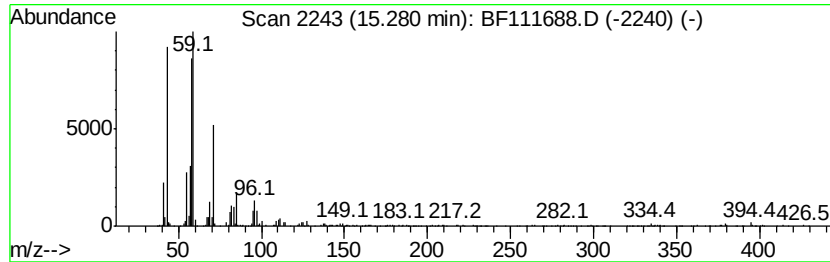
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Heptacosanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	31.12 ng	891195	Perylene-d12	15.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Heptacosanone	394 C27H54O	007796-19-2	98
2	2-Nonadecanone	282 C19H38O	000629-66-3	89
3	2-Hexadecanone	240 C16H32O	018787-63-8	50
4	2-Pentadecanone	226 C15H30O	002345-28-0	50
5	2-Heptadecanone	254 C17H34O	002922-51-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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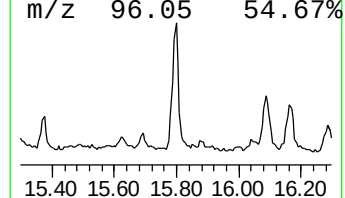
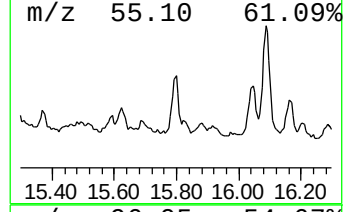
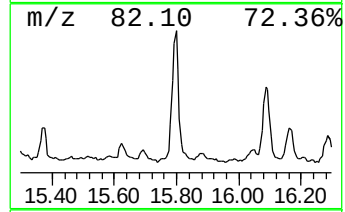
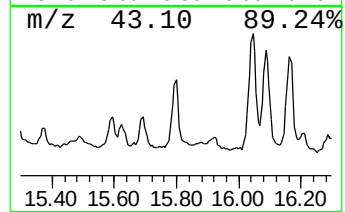
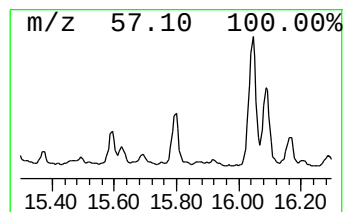
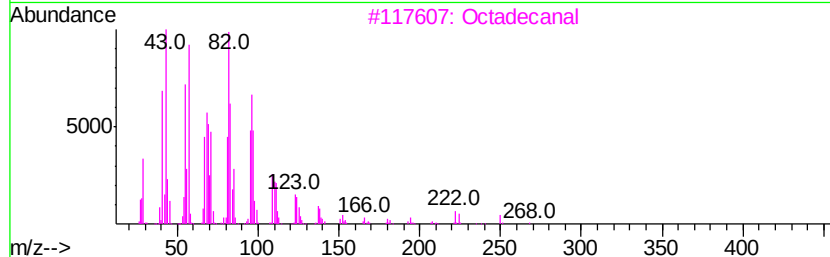
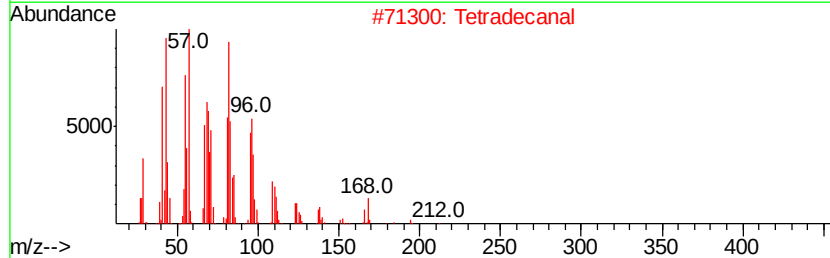
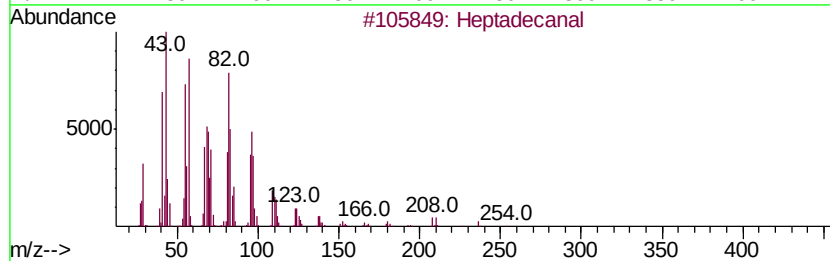
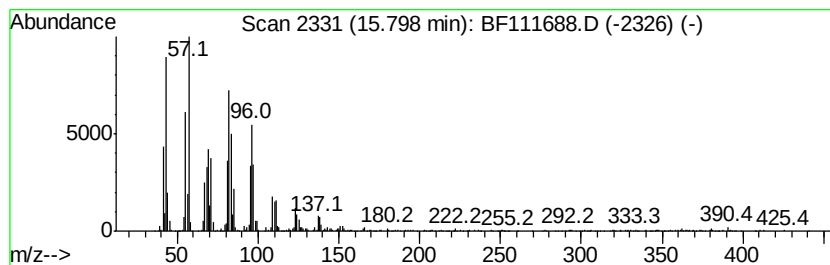
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.80	47.35 ng	1355940	Perylene-d12		15.55		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecanal	254	C17H34O	1000376-70-0	91
2			Tetradecanal	212	C14H28O	000124-25-4	87
3			Octadecanal	268	C18H36O	000638-66-4	86
4			13-Octadecenal	266	C18H34O	056554-90-6	86
5			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Sample : J6447-03
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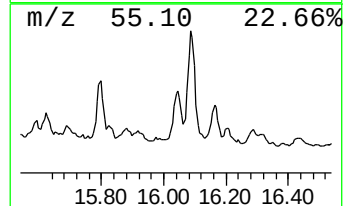
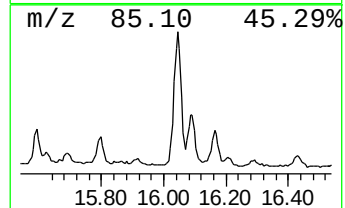
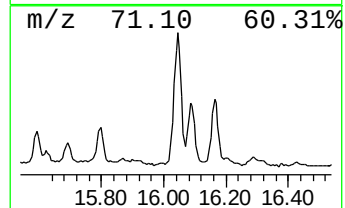
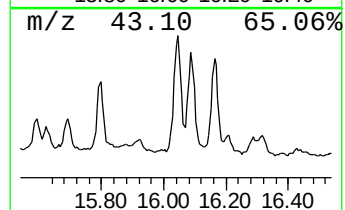
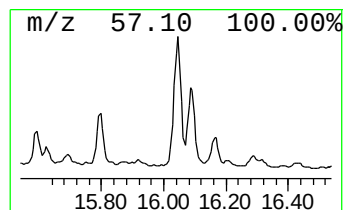
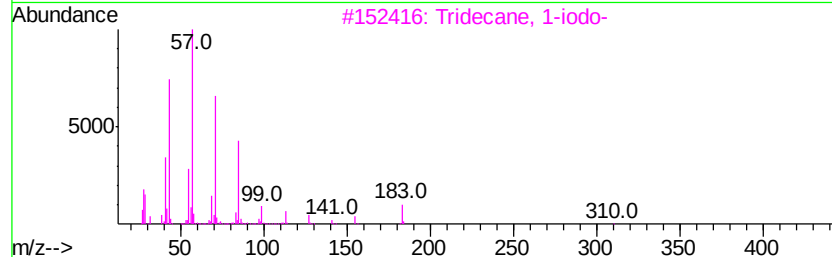
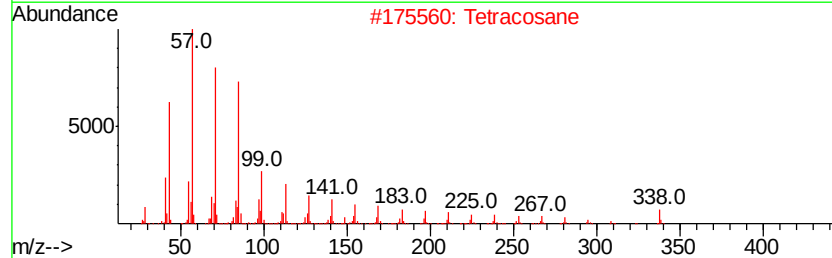
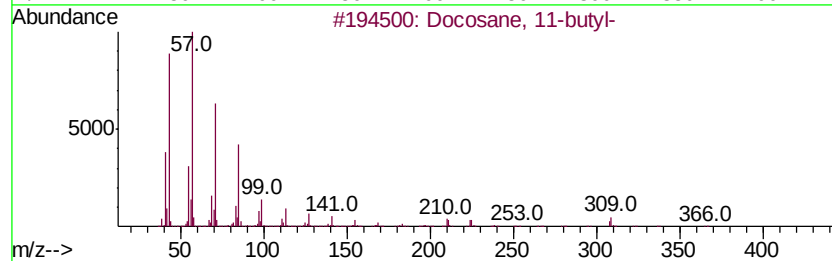
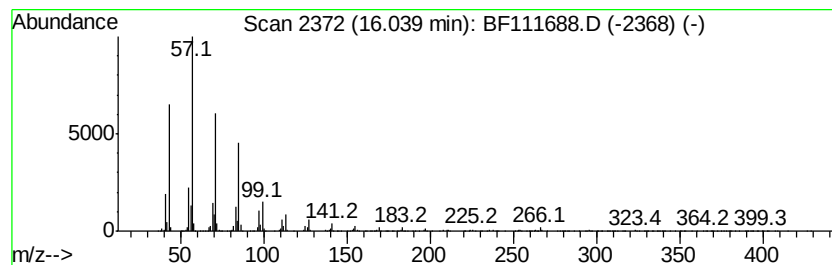
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Docosane, 11-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	63.00 ng	1804260	Perylene-d12	15.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Docosane, 11-butyl-	366 C26H54	013475-76-8 95
2		Tetracosane	338 C24H50	000646-31-1 91
3		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 91
4		Eicosane, 7-hexyl-	366 C26H54	055333-99-8 91
5		Octadecane	254 C18H38	000593-45-3 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111688.D
Acq On : 21 Dec 2018 15:37
Operator : JU/SJ
Sample : J6447-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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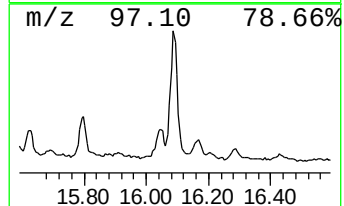
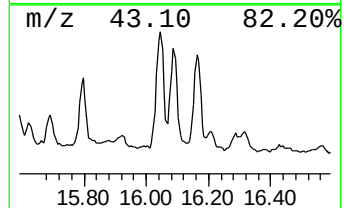
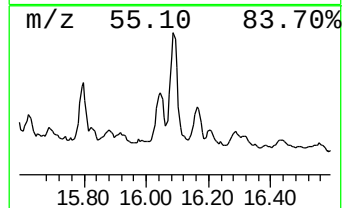
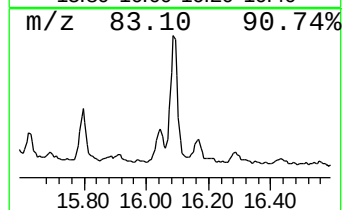
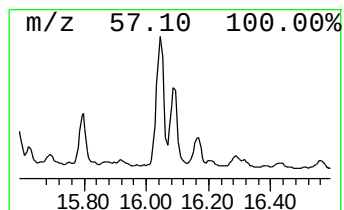
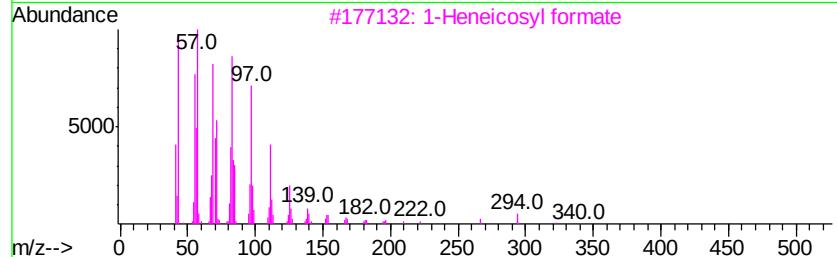
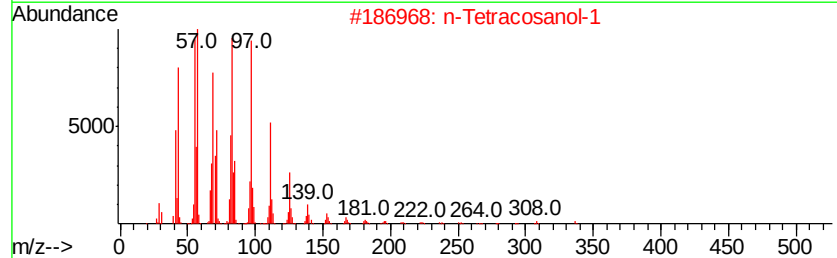
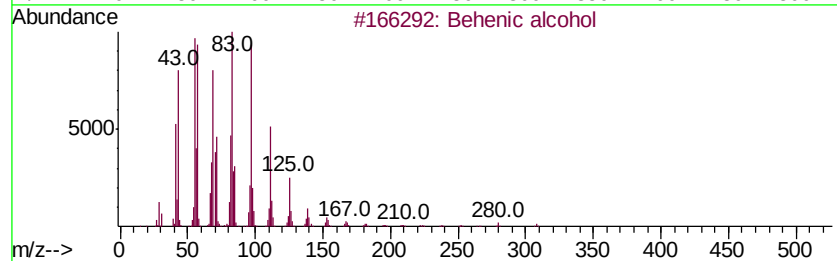
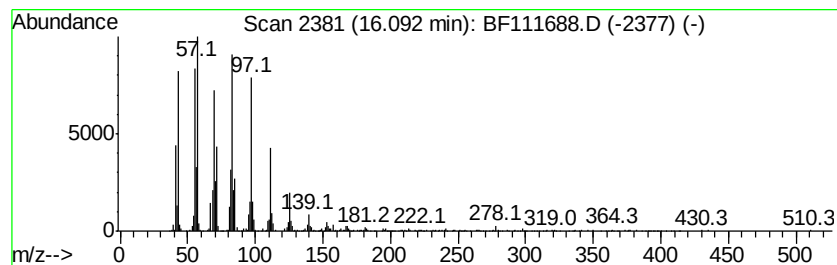
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	80.00 ng	2291140	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4		Cyclotetracosane	336	C24H48	000297-03-0	86
5		1-Heneicosanol	312	C21H44O	015594-90-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Sample : J6447-03
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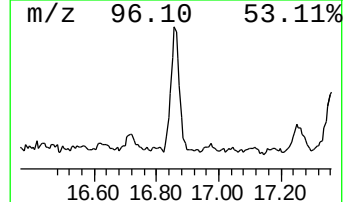
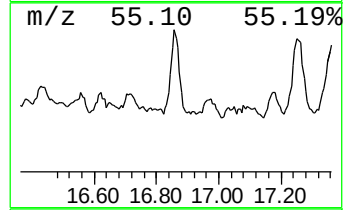
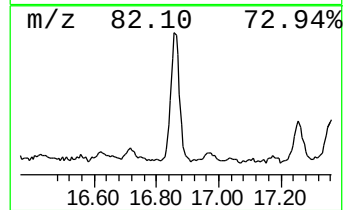
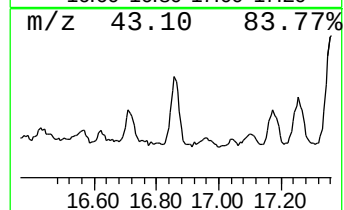
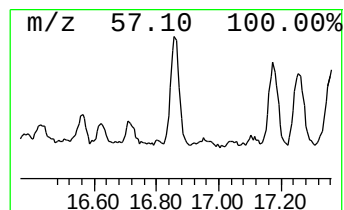
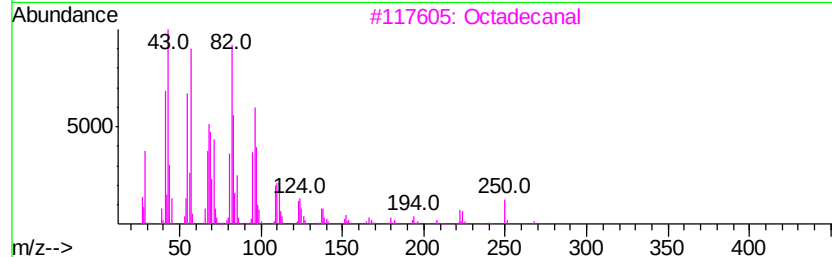
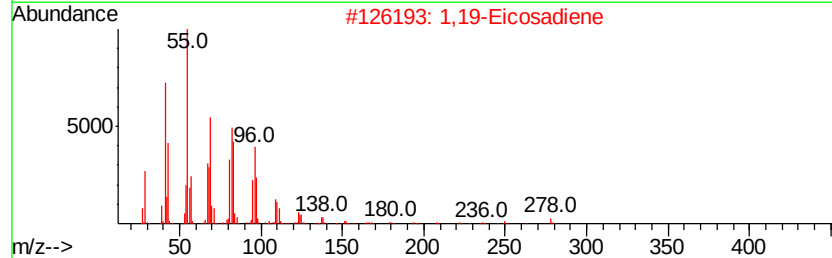
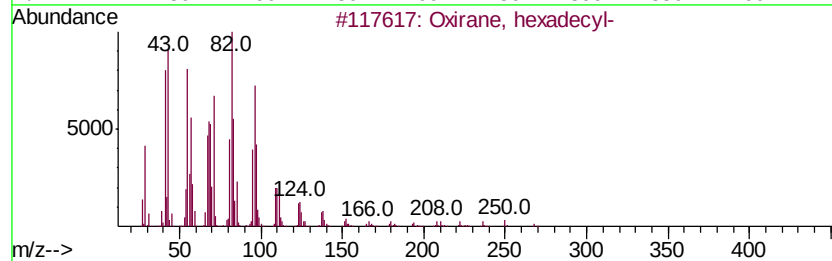
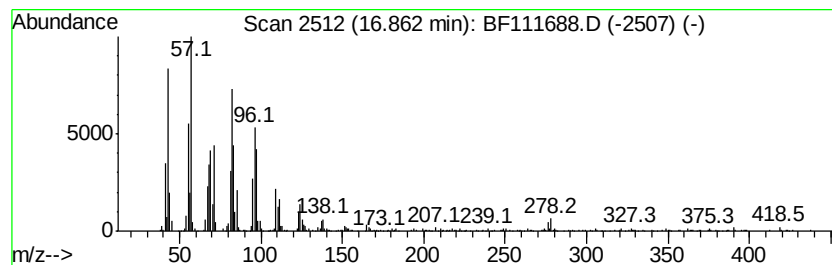
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oxirane, hexadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.86	35.30 ng	1011010	Perylene-d12		15.55	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		1,19-Eicosadiene	278	C20H38	014811-95-1	93
3		Octadecanal	268	C18H36O	000638-66-4	90
4		Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	83
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111688.D
Acq On : 21 Dec 2018 15:37
Operator : JU/SJ
Sample : J6447-03
Misc :
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Instrument :
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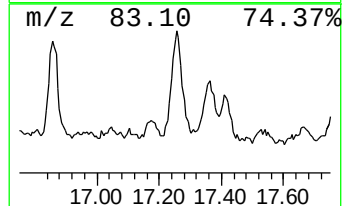
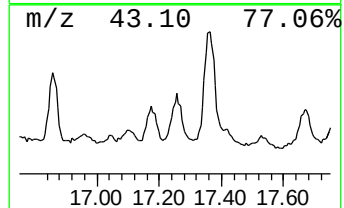
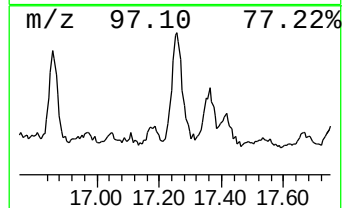
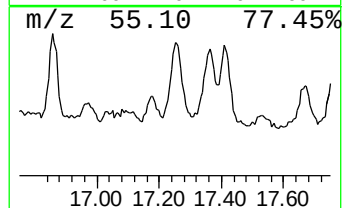
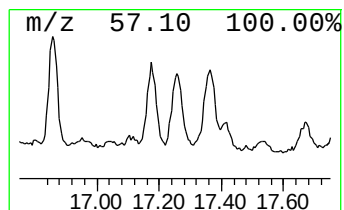
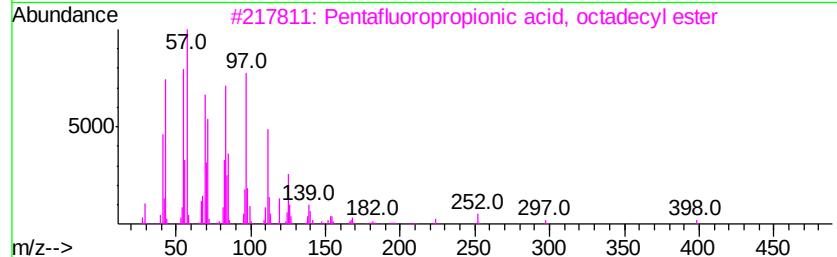
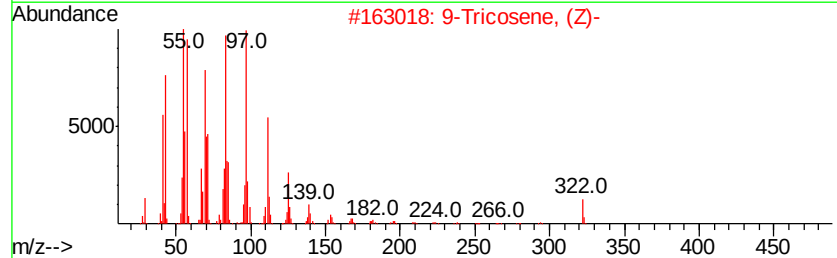
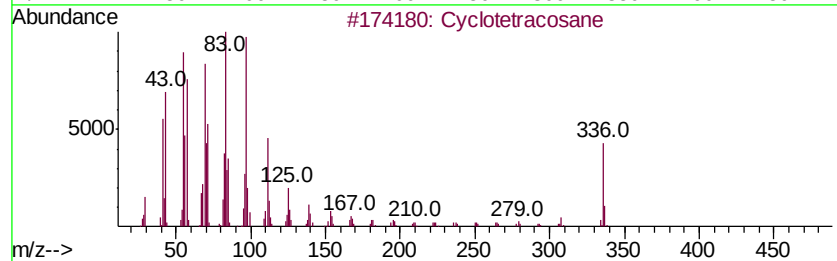
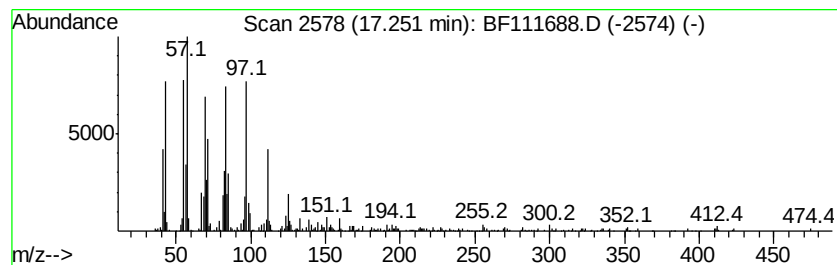
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclotetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	35.78 ng	1024670	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	95
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	91
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5		1-Triacontanol	438	C30H62O	000593-50-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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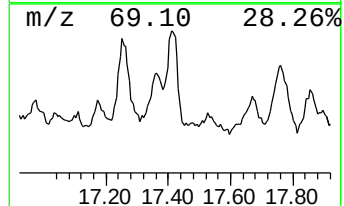
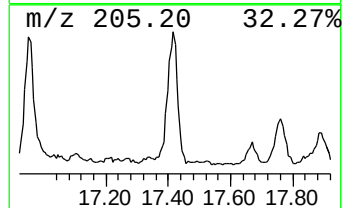
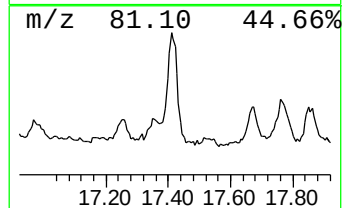
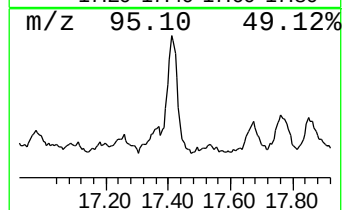
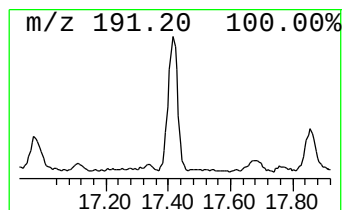
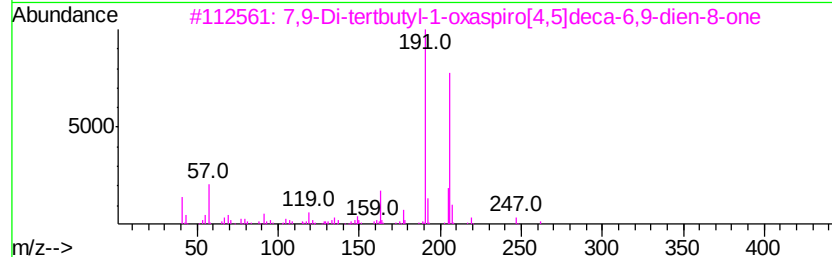
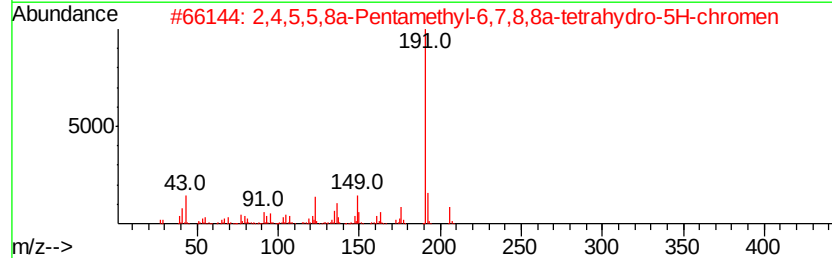
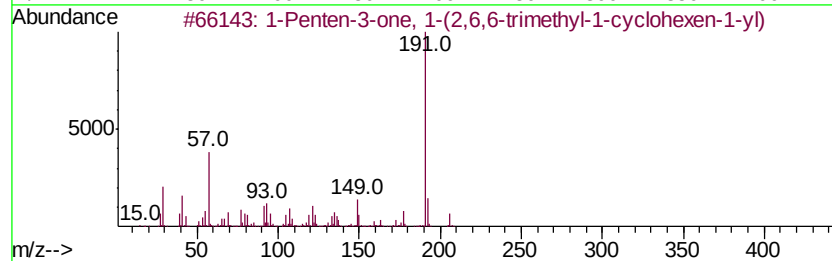
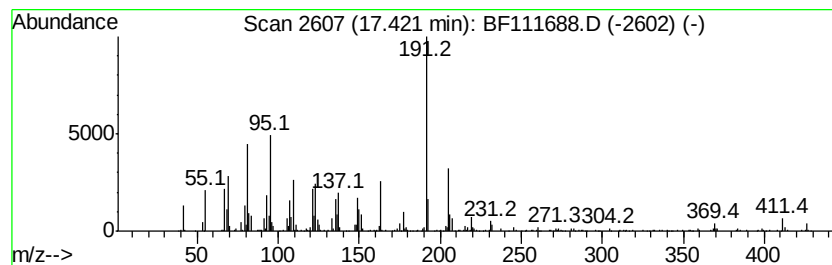
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	56.73 ng	1624560	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
2		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	46
3		7,9-Di-tertbutyl-1-oxaspiro[4,5]...	262	C17H26O2	138345-00-3	43
4		2'-Fluoro-6'-(trifluoromethyl)-a...	206	C9H6F4O	174013-29-7	43
5		Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Sample : J6447-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

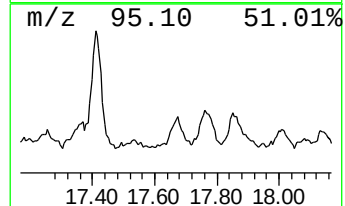
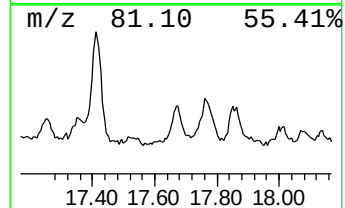
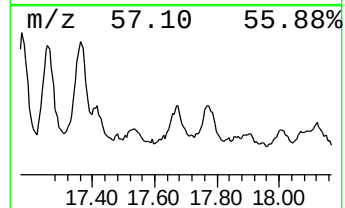
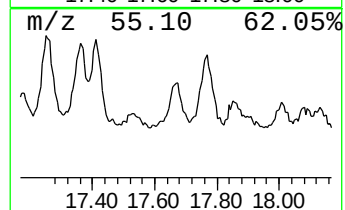
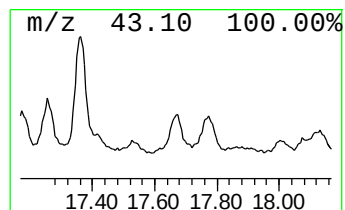
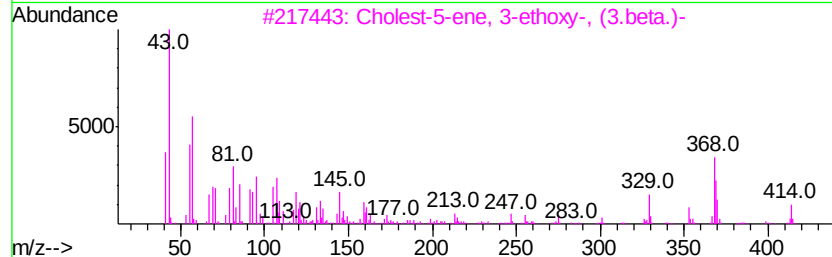
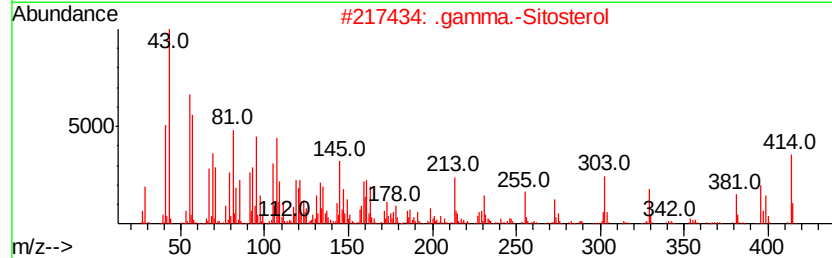
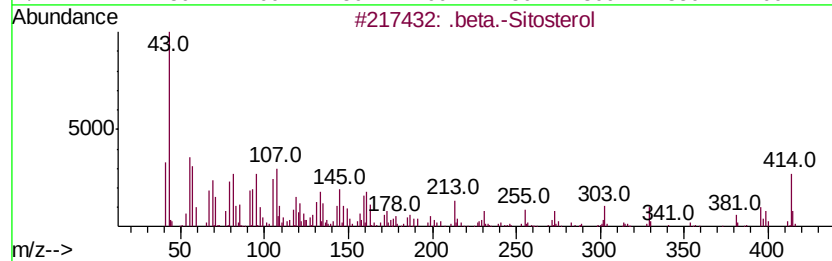
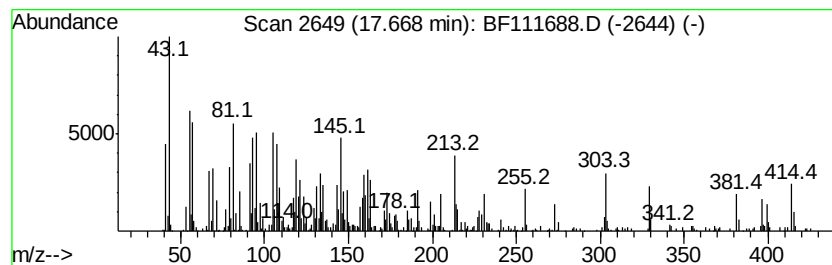
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .beta.-Sitosterol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	33.89 ng	970690	Perylene-d12	15.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 98
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 93
3		Cholest-5-ene, 3-ethoxy-, (3.beta...	414 C29H50O	000986-19-6 52
4		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 47
5		Ergost-7-en-3-ol, (3.beta.)-	400 C28H48O	026047-31-4 30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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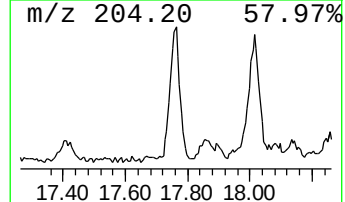
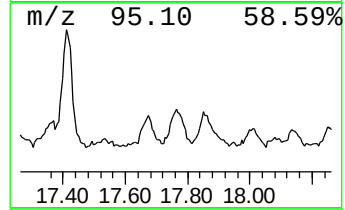
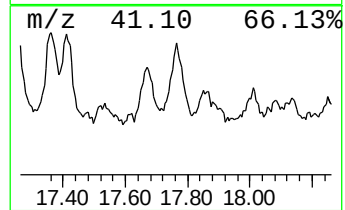
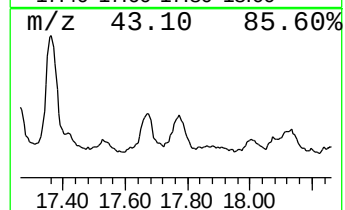
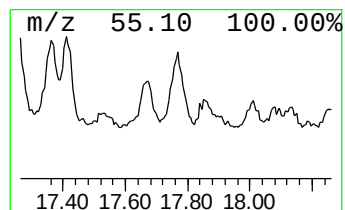
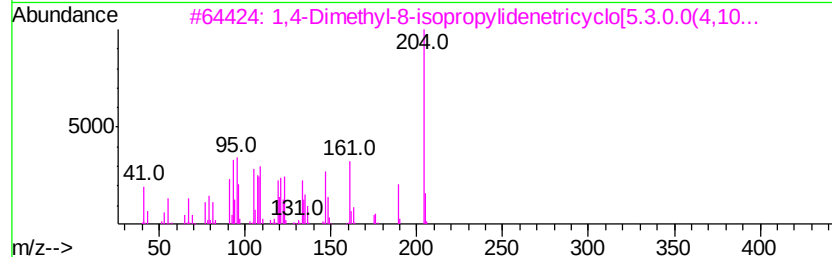
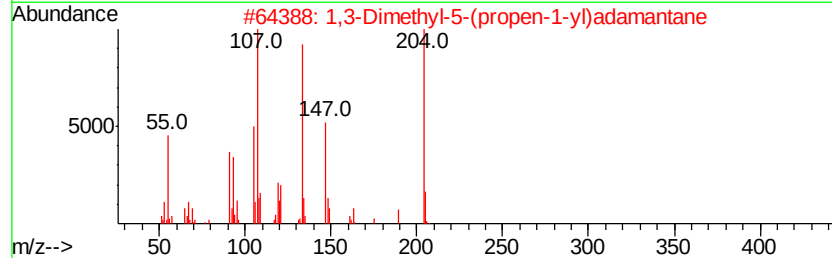
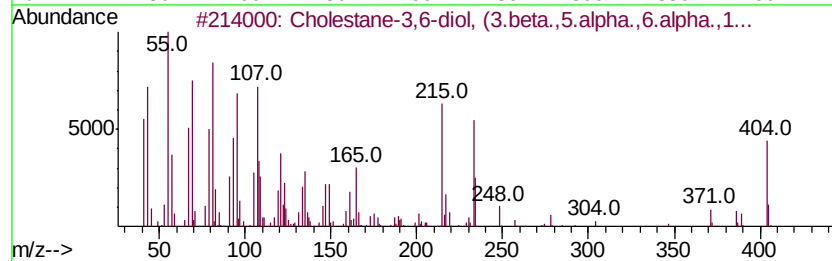
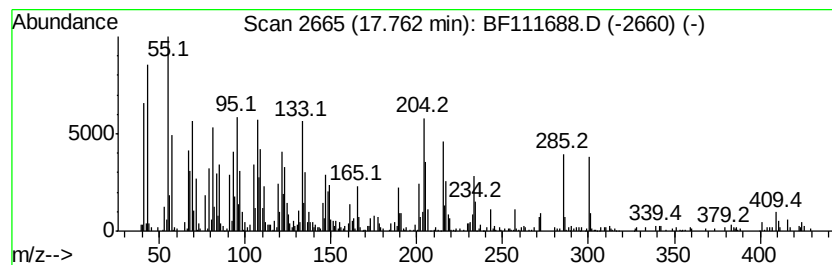
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cholestane-3,6-diol, (3.beta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.76	58.96 ng	1688530	Perylene-d12	15.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cholestane-3,6-diol, (3.beta.,5....	404	C27H48O2	041083-77-6	86
2		1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	38
3		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	38
4		1H-Cyclopropylazulene, decahydr...	204	C15H24	072747-25-2	38
5		Aromandendrene	204	C15H24	000489-39-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111688.D
Acq On : 21 Dec 2018 15:37
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ALS Vial : 9 Sample Multiplier: 1

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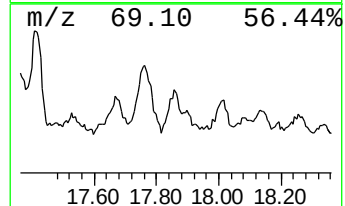
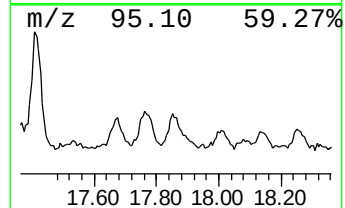
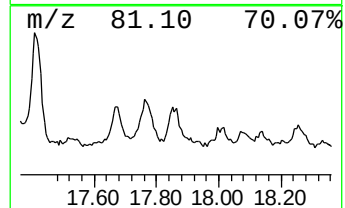
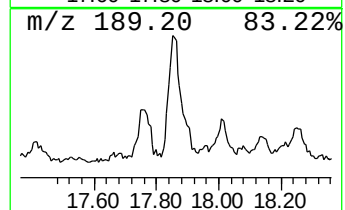
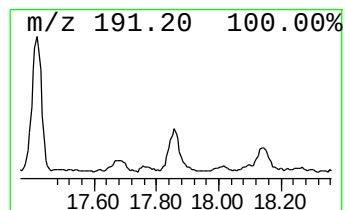
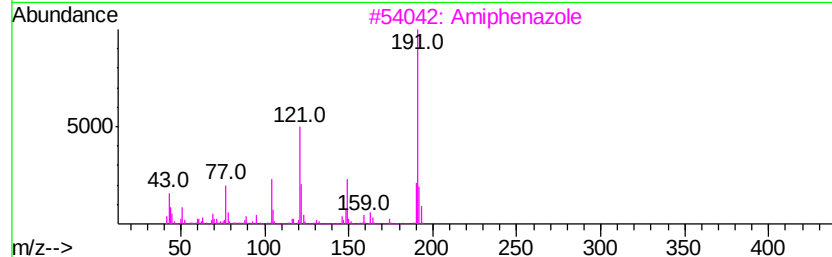
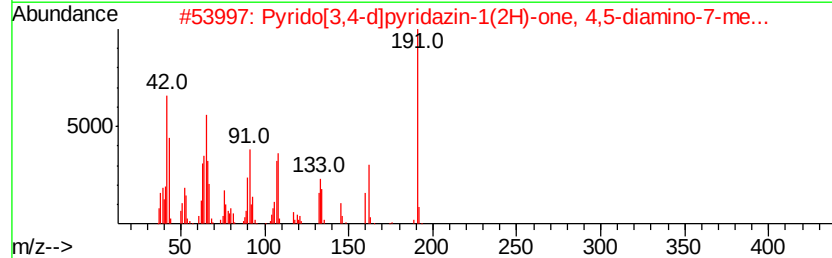
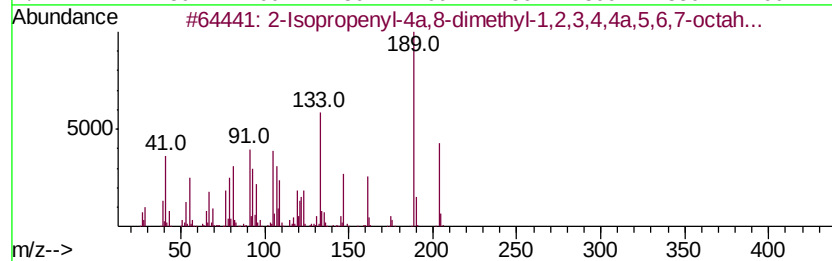
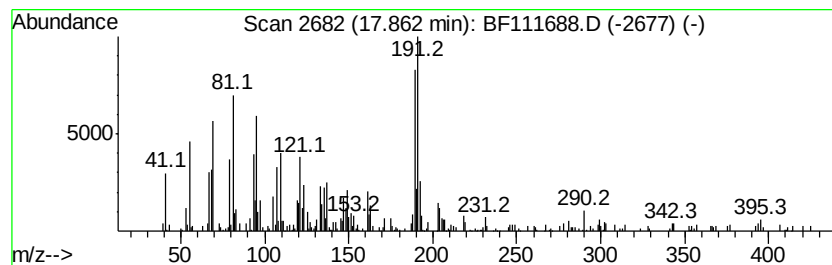
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.86 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	30.42 ng	871164	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	43
2		Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	42
3		Amiphenazole	191	C9H9N3S	000490-55-1	27
4		A'-Neogammacer-22(29)-ene	410	C30H50	001615-91-4	22
5		Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111688.D
 Acq On : 21 Dec 2018 15:37
 Operator : JU/SJ
 Sample : J6447-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
unknown6.67	6.67	49.3	ng	4005980	1	6.90	1623770	20.0
2,3,3',4',5,5'-He...	13.38	30.4	ng	2721730	5	14.06	1789560	20.0
1-Heneicosyl formate	13.90	111.7	ng	9993850	5	14.06	1789560	20.0
1-Hexacosene	14.55	131.4	ng	11755400	5	14.06	1789560	20.0
Sulfurous acid, b...	14.86	63.3	ng	1812080	6	15.55	572770	20.0
Octadecanal	15.00	39.9	ng	1142070	6	15.55	572770	20.0
Docosane	15.21	151.0	ng	4325350	6	15.55	572770	20.0
2-Heptacosanone	15.28	31.1	ng	891195	6	15.55	572770	20.0
Heptadecanal	15.80	47.4	ng	1355940	6	15.55	572770	20.0
Docosane, 11-butyl-	16.04	63.0	ng	1804260	6	15.55	572770	20.0
Behenic alcohol	16.09	80.0	ng	2291140	6	15.55	572770	20.0
Oxirane, hexadecyl-	16.86	35.3	ng	1011010	6	15.55	572770	20.0
Cyclotetracosane	17.25	35.8	ng	1024670	6	15.55	572770	20.0
unknown17.42	17.42	56.7	ng	1624560	6	15.55	572770	20.0
.beta.-Sitosterol	17.67	33.9	ng	970690	6	15.55	572770	20.0
Cholestane-3,6-di...	17.76	59.0	ng	1688530	6	15.55	572770	20.0
unknown17.86	17.86	30.4	ng	871164	6	15.55	572770	20.0