

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111697.D
 Acq On : 21 Dec 2018 19:46
 Operator : JU/SJ
 Sample : J6391-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

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	322	327	332	rBV	223588	291488	2.04%	0.271%
2	5.128	512	517	524	rBV	181634	228238	1.60%	0.212%
3	5.540	581	587	590	rVB	3518073	3441537	24.07%	3.197%
4	6.539	747	757	762	rBV	3332683	3750036	26.22%	3.483%
5	6.675	776	780	784	rBV	3821437	3562089	24.91%	3.309%
6	6.904	815	819	822	rBV	1131176	1006510	7.04%	0.935%
7	7.063	841	846	849	rBV	3092272	2882648	20.16%	2.678%
8	7.457	907	913	916	rBV	2318749	2301218	16.09%	2.138%
9	8.181	1033	1036	1040	rVB	1263444	1155475	8.08%	1.073%
10	9.257	1215	1219	1223	rBV	4093382	3691184	25.81%	3.429%
11	9.345	1232	1234	1239	rBV2	244415	327823	2.29%	0.305%
12	9.392	1239	1242	1246	rVB	264340	196431	1.37%	0.182%
13	9.663	1283	1288	1291	rVB2	781643	701249	4.90%	0.651%
14	9.851	1317	1320	1326	rVB3	136448	148909	1.04%	0.138%
15	9.939	1331	1335	1339	rBV	1381596	1135042	7.94%	1.054%
16	10.104	1360	1363	1366	rBV	297825	241732	1.69%	0.225%
17	10.727	1465	1469	1472	rBV	2429623	2078587	14.53%	1.931%
18	10.974	1507	1511	1514	rBV	350146	341777	2.39%	0.317%
19	11.092	1529	1531	1535	rVB	352580	286087	2.00%	0.266%
20	11.427	1585	1588	1591	rVB	1052117	948923	6.64%	0.881%
21	11.480	1594	1597	1600	rVB2	522442	500271	3.50%	0.465%
22	11.645	1621	1625	1629	rBV2	342640	332212	2.32%	0.309%
23	11.957	1673	1678	1685	rBV	1106220	1199048	8.38%	1.114%
24	12.127	1704	1707	1712	rVB3	142825	178919	1.25%	0.166%
25	12.286	1731	1734	1737	rBV2	219732	201399	1.41%	0.187%
26	12.469	1761	1765	1768	rBV	460534	425374	2.97%	0.395%
27	12.516	1770	1773	1775	rVV	339178	295269	2.06%	0.274%
28	12.557	1775	1780	1784	rVB3	688725	810381	5.67%	0.753%
29	12.692	1799	1803	1807	rBV	692074	600491	4.20%	0.558%
30	12.739	1807	1811	1814	rVB	645632	591692	4.14%	0.550%
31	12.886	1834	1836	1844	rBV	252179	254492	1.78%	0.236%
32	13.010	1853	1857	1862	rVB	3456131	3245866	22.70%	3.015%
33	13.104	1870	1873	1876	rBV	443462	376351	2.63%	0.350%
34	13.133	1876	1878	1884	rVB3	196437	255940	1.79%	0.238%

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35	13.198	1886	1889	1890	rBV	1382916	1147252	8.02%	1.066%
36	13.216	1890	1892	1894	rVV	1252802	1003962	7.02%	0.933%
37	13.245	1894	1897	1901	rVB	1639334	1439056	10.06%	1.337%
38	13.386	1918	1921	1924	rVB	1420580	1189743	8.32%	1.105%
39	13.421	1924	1927	1931	rBV3	335121	400516	2.80%	0.372%
40	13.457	1931	1933	1936	rBV	268104	267748	1.87%	0.249%
41	13.492	1936	1939	1947	rVB4	549678	648808	4.54%	0.603%
42	13.563	1948	1951	1953	rBV3	238364	278275	1.95%	0.258%
43	13.586	1953	1955	1956	rBV	670195	526668	3.68%	0.489%
44	13.704	1972	1975	1978	rBV2	1098882	984292	6.88%	0.914%
45	13.751	1980	1983	1986	rBV	342737	305023	2.13%	0.283%
46	13.910	2004	2010	2017	rBV2	6491721	10367151	72.49%	9.630%
47	13.963	2017	2019	2023	rBV2	489300	578137	4.04%	0.537%
48	14.033	2029	2031	2033	rVB	312572	229682	1.61%	0.213%
49	14.063	2033	2036	2039	rVB	906561	753575	5.27%	0.700%
50	14.098	2039	2042	2045	rBV	1121274	973102	6.80%	0.904%
51	14.127	2045	2047	2051	rBV2	202548	208903	1.46%	0.194%
52	14.174	2052	2055	2058	rBV	660515	630848	4.41%	0.586%
53	14.227	2061	2064	2070	rVV2	1045617	1607462	11.24%	1.493%
54	14.315	2076	2079	2082	rBV	472847	442990	3.10%	0.411%
55	14.351	2082	2085	2090	rVV2	935940	930417	6.51%	0.864%
56	14.551	2113	2119	2124	rBV2	10725012	14300730	100.00%	13.284%
57	14.598	2124	2127	2131	rVB	595896	552494	3.86%	0.513%
58	14.662	2136	2138	2145	rVB	436204	497948	3.48%	0.463%
59	14.804	2159	2162	2165	rVB	587316	581438	4.07%	0.540%
60	14.857	2167	2171	2172	rBV	860441	1054342	7.37%	0.979%
61	14.998	2192	2195	2200	rVB	1281155	1332932	9.32%	1.238%
62	15.204	2225	2230	2233	rBV	3219003	5388288	37.68%	5.005%
63	15.280	2240	2243	2254	rVB	1137632	1621763	11.34%	1.506%
64	15.368	2256	2258	2265	rVB	388270	480327	3.36%	0.446%
65	15.551	2287	2289	2292	rVB	320247	335513	2.35%	0.312%
66	15.592	2293	2296	2299	rVV	435344	499732	3.49%	0.464%
67	15.692	2310	2313	2323	rVB	483130	746433	5.22%	0.693%
68	15.798	2327	2331	2335	rBV	1189698	1757067	12.29%	1.632%
69	16.045	2368	2373	2377	rBV	1628829	2613859	18.28%	2.428%
70	16.092	2377	2381	2386	rVV	845908	1211320	8.47%	1.125%
71	16.168	2390	2394	2398	rVB	1220534	1663804	11.63%	1.545%

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72	16.209	2398	2401	2410	rVB2	647280	1210504	8.46%	1.124%
73	16.292	2411	2415	2417	rBV2	442875	691064	4.83%	0.642%
74	16.868	2508	2513	2520	rVB	867227	1666996	11.66%	1.548%
75	17.374	2594	2599	2603	rBV	888694	1856075	12.98%	1.724%
76	17.421	2604	2607	2619	rVB2	1077816	2060501	14.41%	1.914%
77	17.780	2663	2668	2677	rVB3	1154531	2635197	18.43%	2.448%

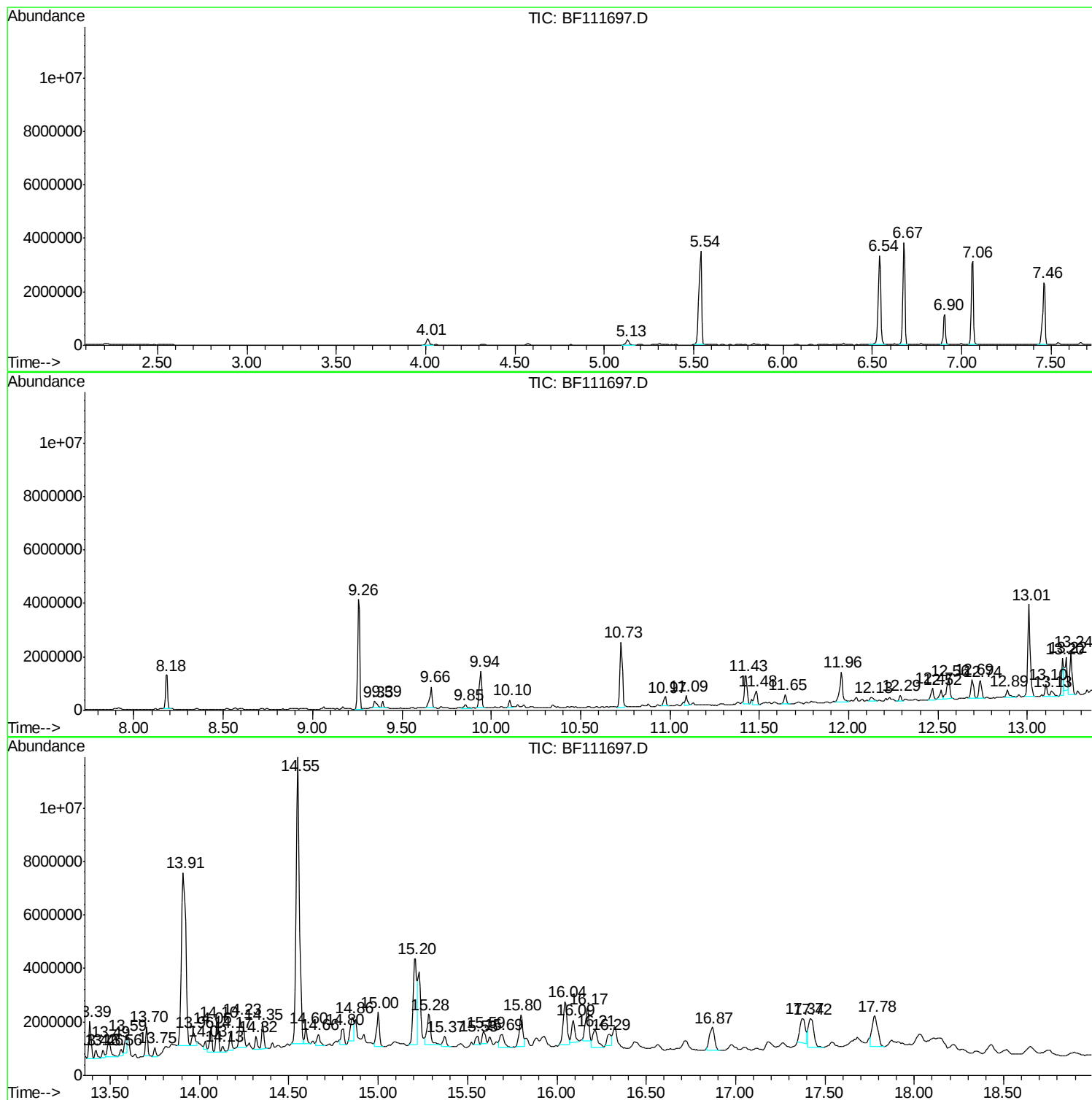
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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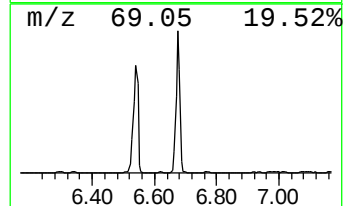
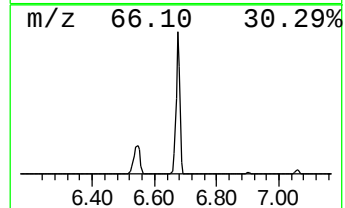
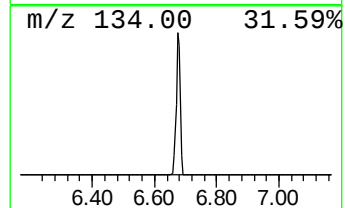
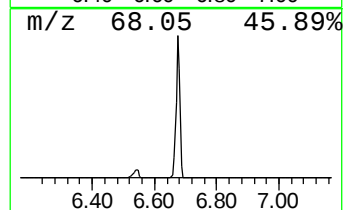
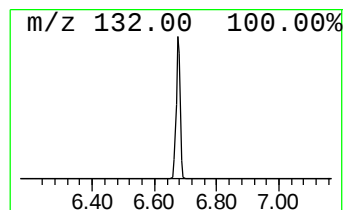
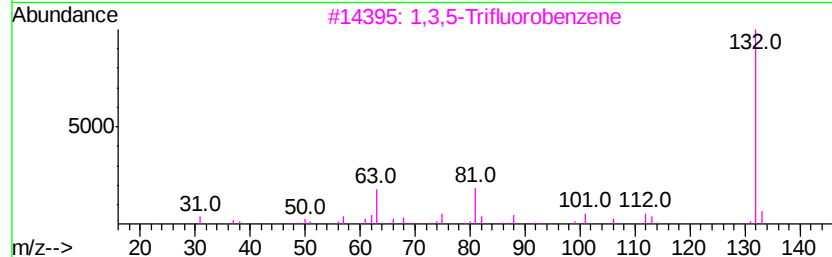
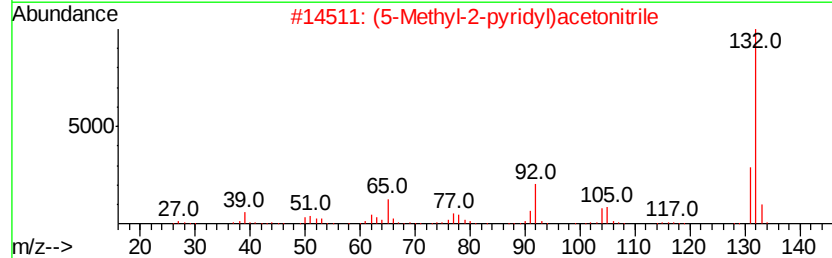
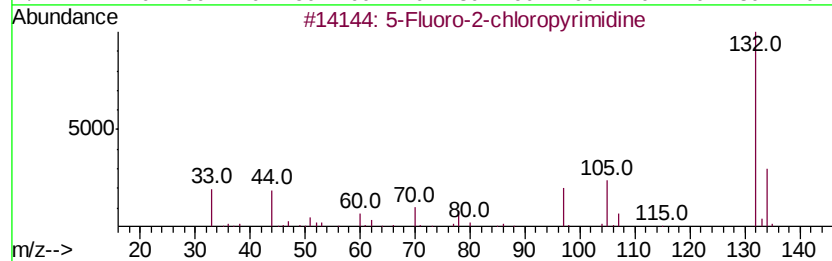
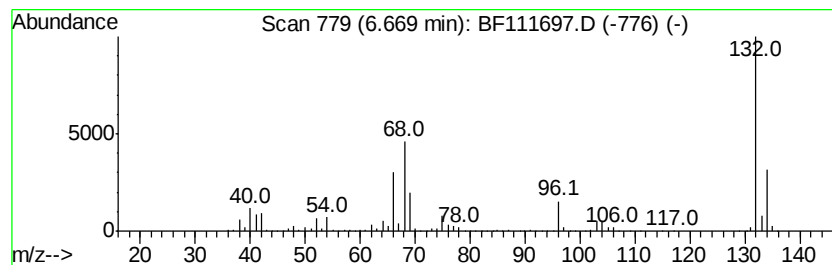
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.67 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	70.78 ng	3562090	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	12
2		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
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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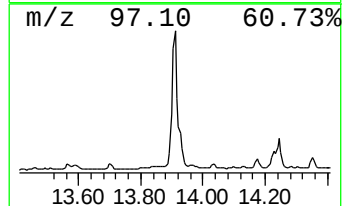
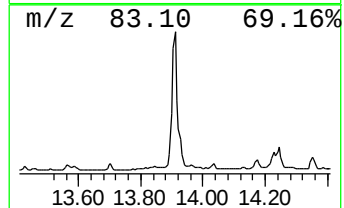
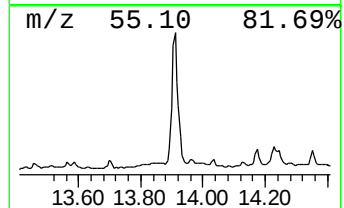
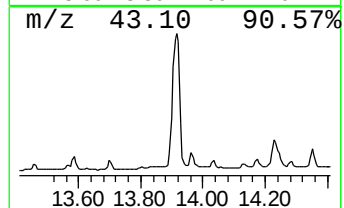
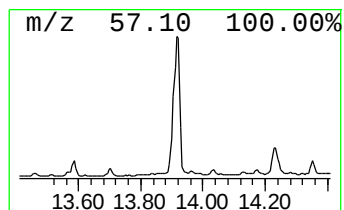
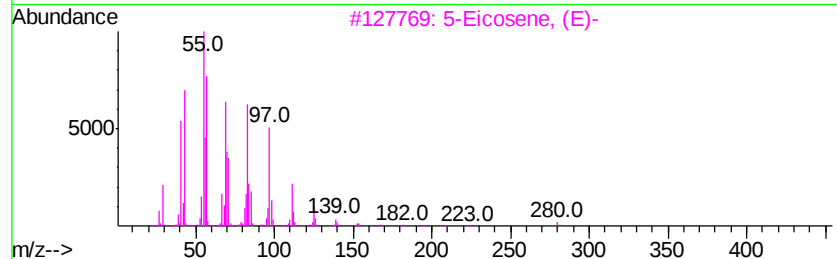
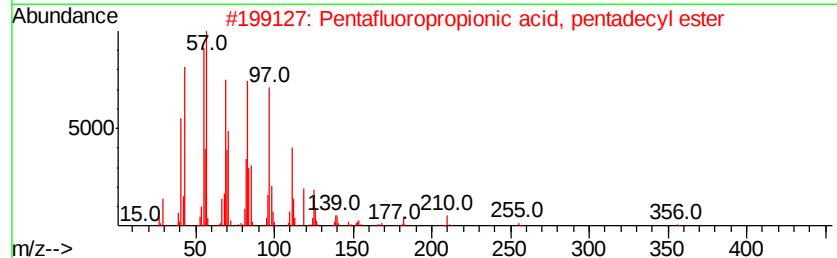
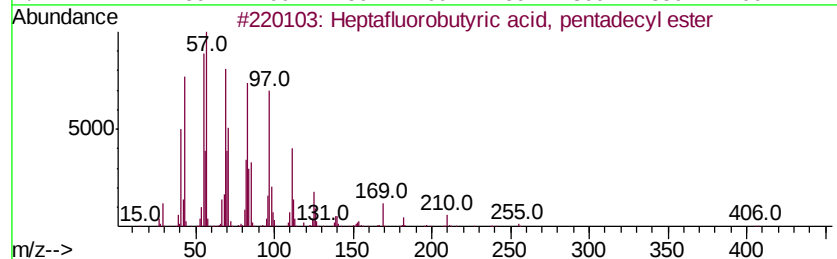
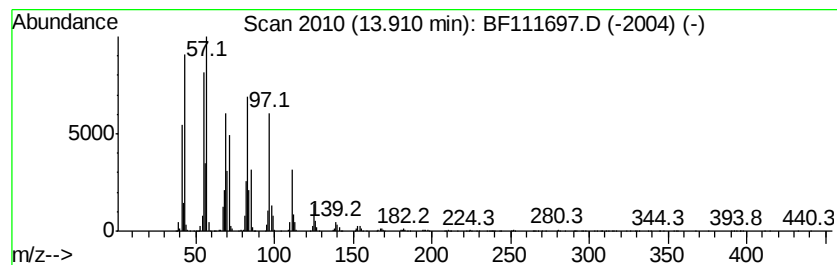
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	275.15 ng	10367200	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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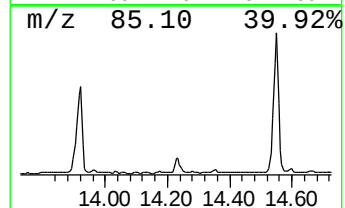
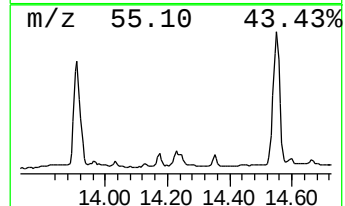
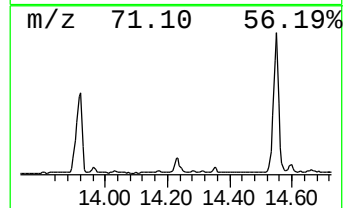
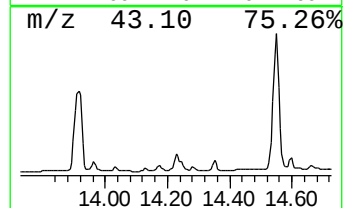
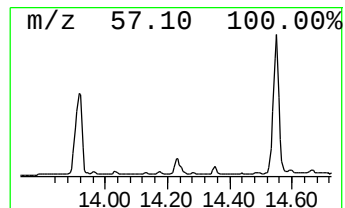
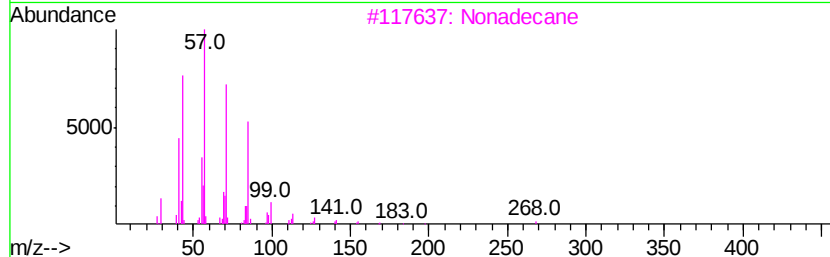
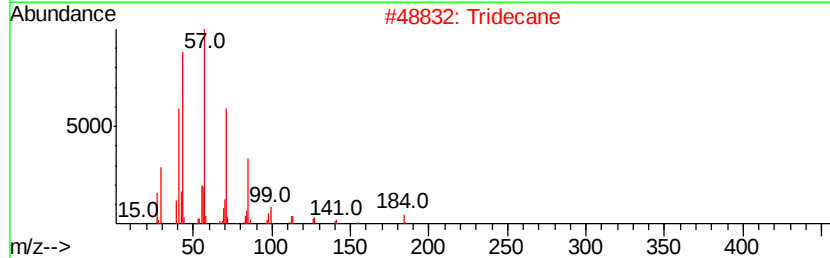
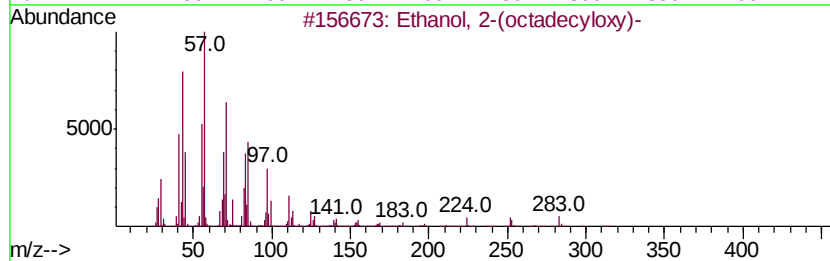
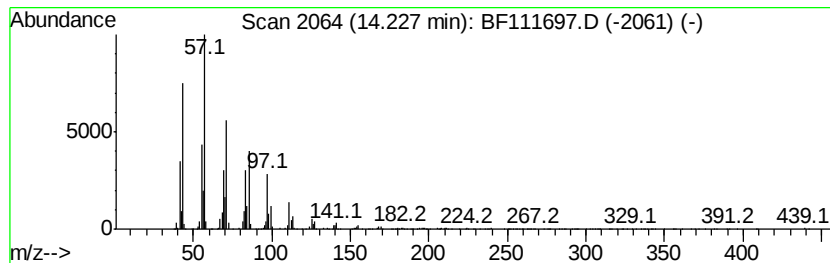
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(octadecyloxy)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	42.66 ng	1607460	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	95
2		Tridecane	184	C13H28	000629-50-5	86
3		Nonadecane	268	C19H40	000629-92-5	68
4		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	68
5		Pentadecane	212	C15H32	000629-62-9	68



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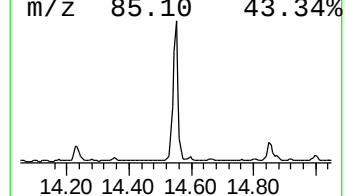
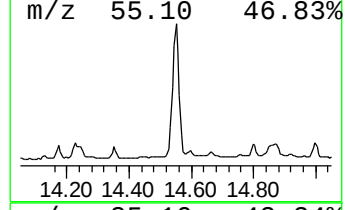
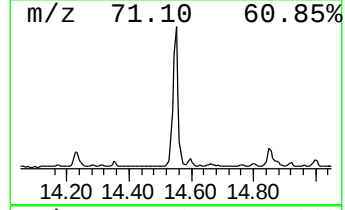
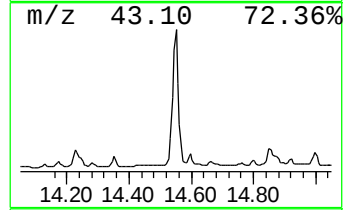
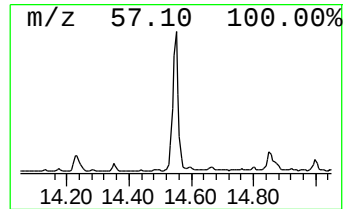
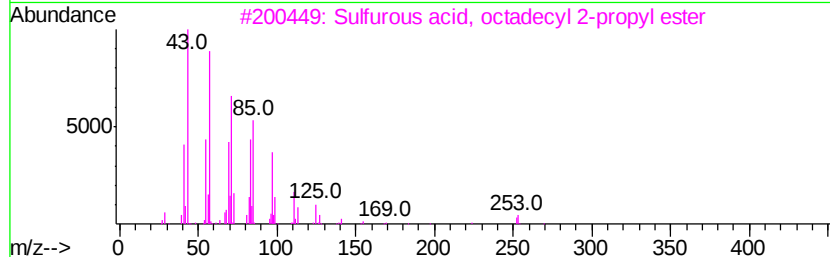
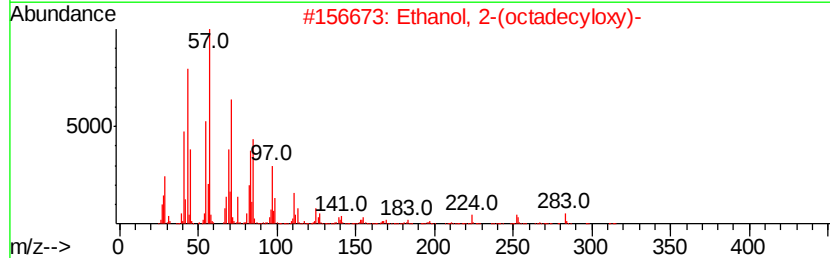
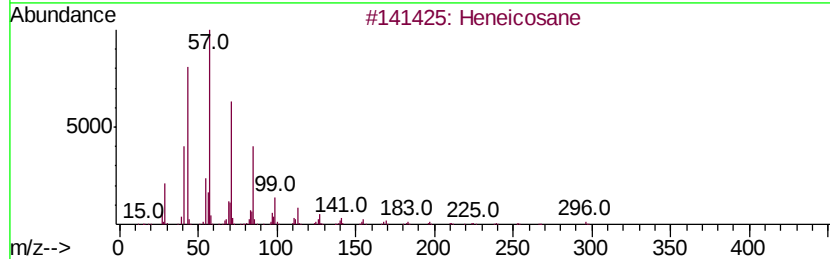
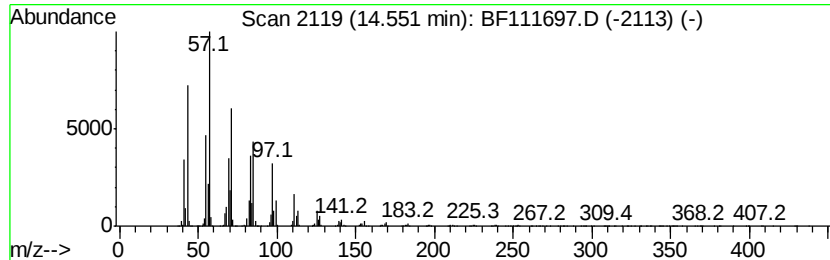
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.55	379.54 ng	14300700	Chrysene-d12	14.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	93
3	Sulfurous acid, octadecyl 2-propyl-	376	C21H44O3S	1000309-12-7	87
4	Oxalic acid, isobutyl tetradecyl-	342	C20H38O4	1000309-37-9	83
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111697.D
Acq On : 21 Dec 2018 19:46
Operator : JU/SJ
Sample : J6391-18
Misc :
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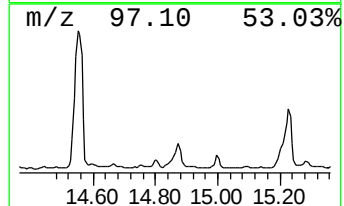
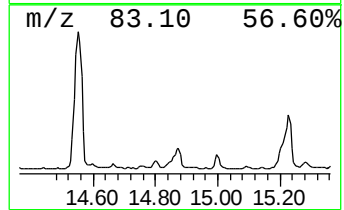
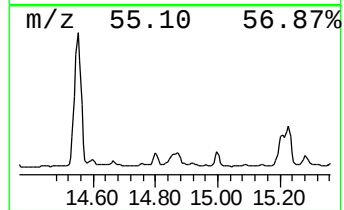
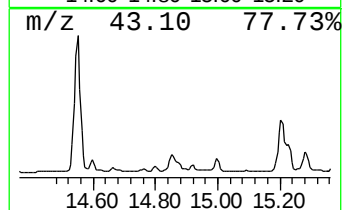
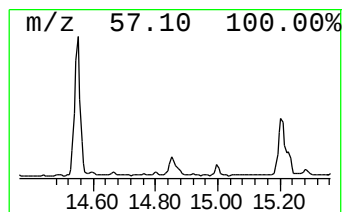
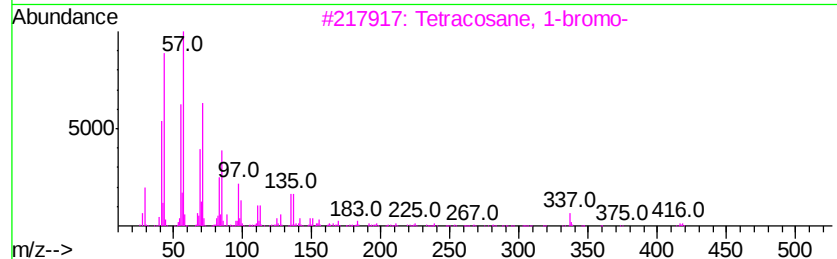
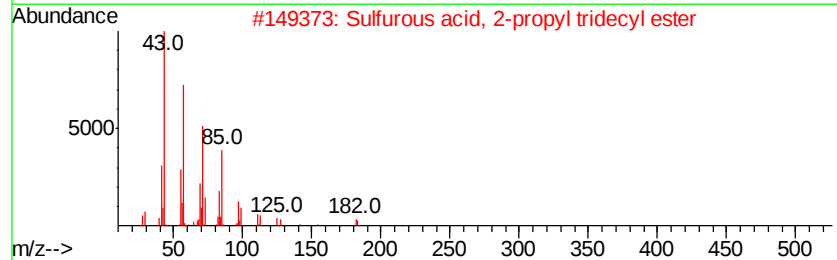
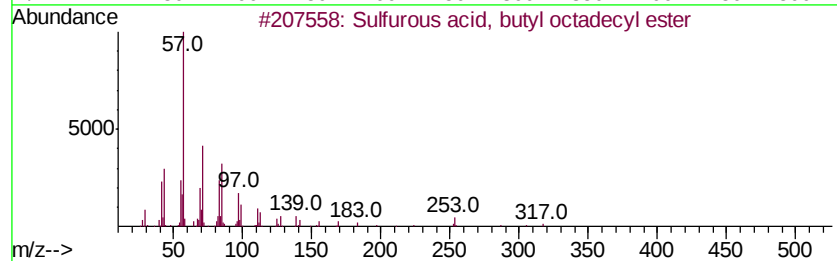
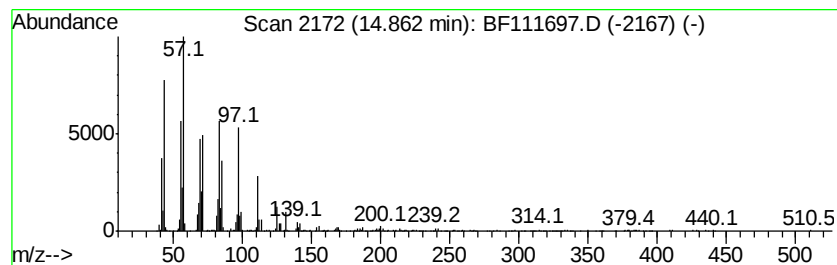
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, butyl octadecad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.86	62.85 ng	1054340	Perylene-d12		15.55	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	91
2		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	91
3		Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	91
4		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	91
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111697.D
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Operator : JU/SJ
Sample : J6391-18
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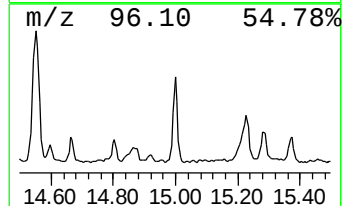
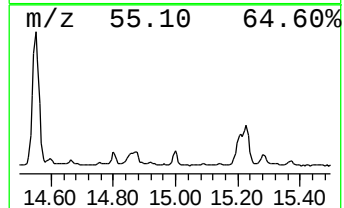
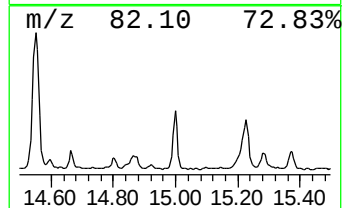
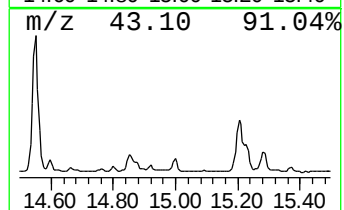
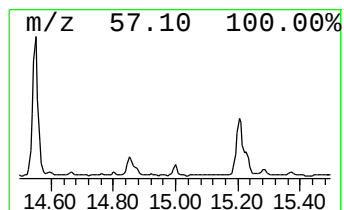
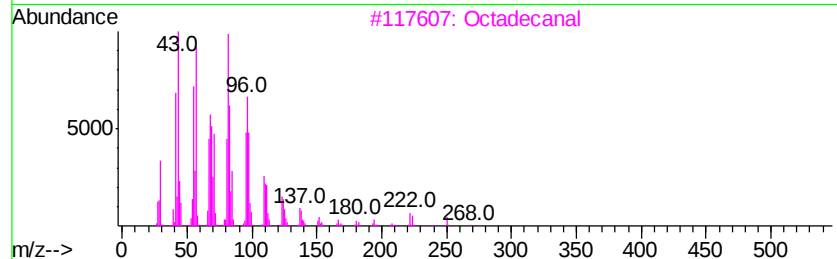
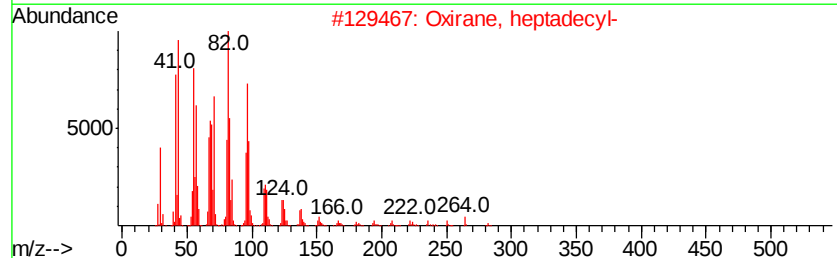
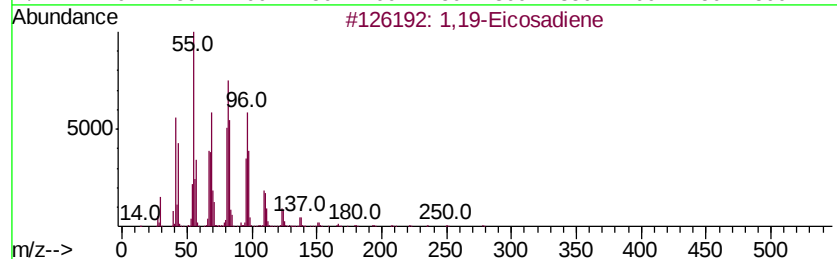
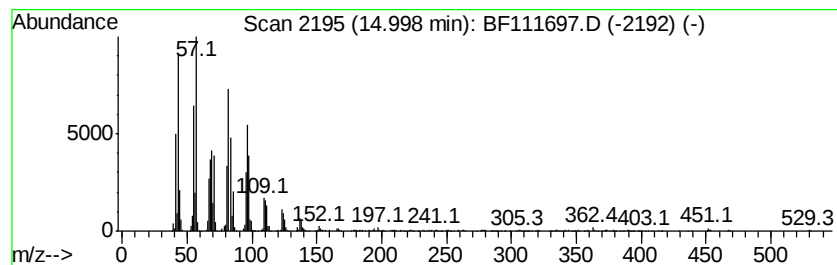
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,19-Eicosadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.00	79.46 ng	1332930	Perylene-d12	15.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	17-Octadecenal	266	C18H34O	056554-86-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111697.D
Acq On : 21 Dec 2018 19:46
Operator : JU/SJ
Sample : J6391-18
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Instrument :
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ClientSampleId :
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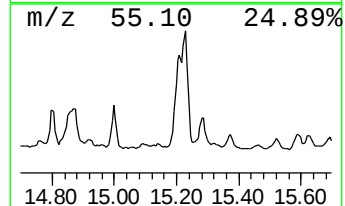
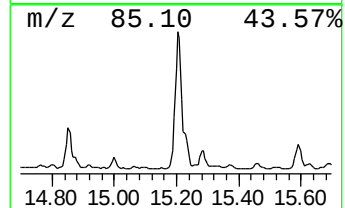
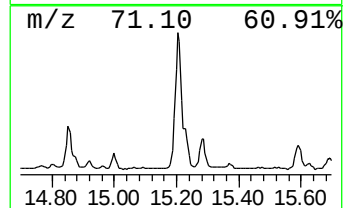
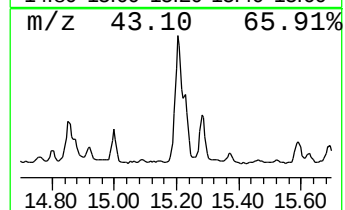
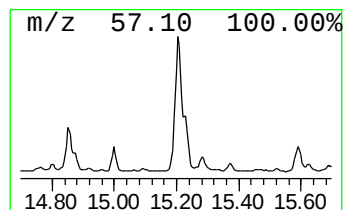
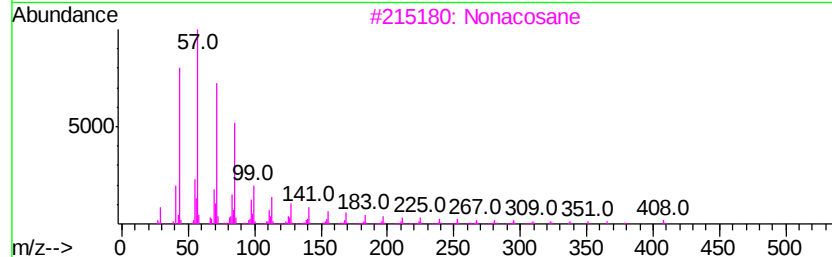
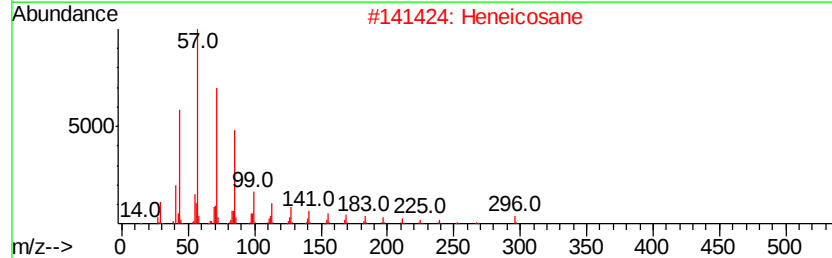
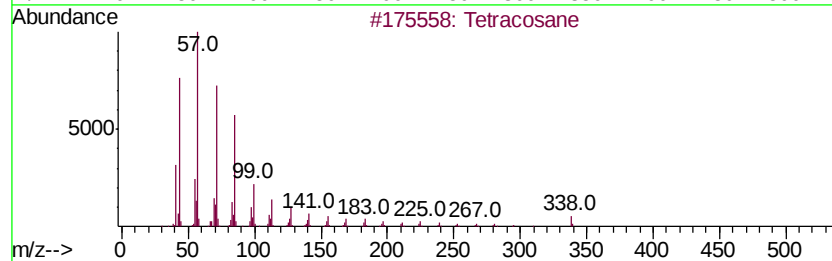
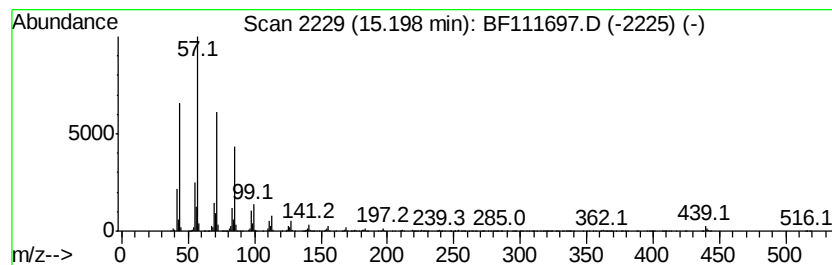
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	321.20 ng	5388290	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Heneicosane	296	C21H44	000629-94-7	97
3		Nonacosane	408	C29H60	000630-03-5	96
4		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
5		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93



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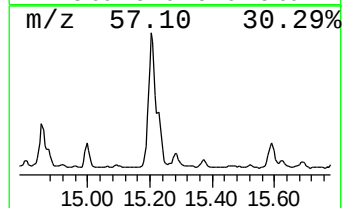
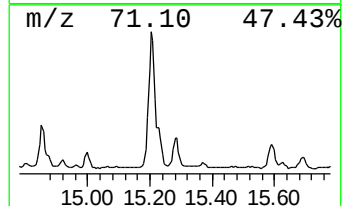
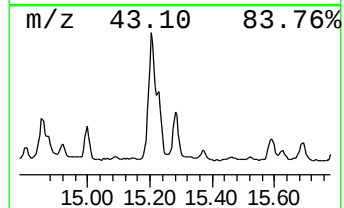
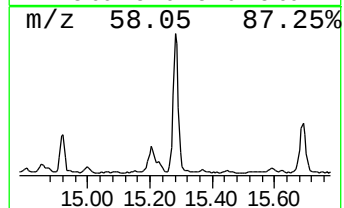
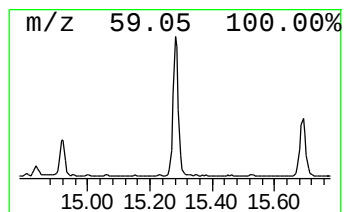
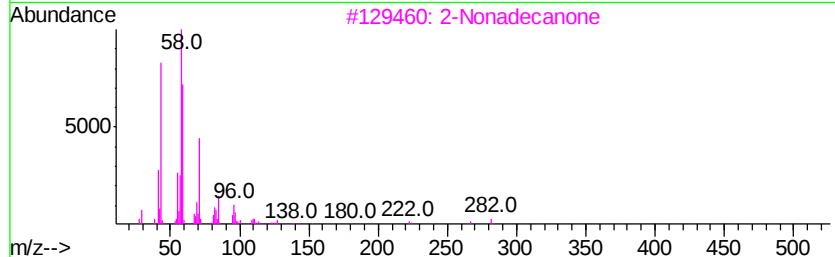
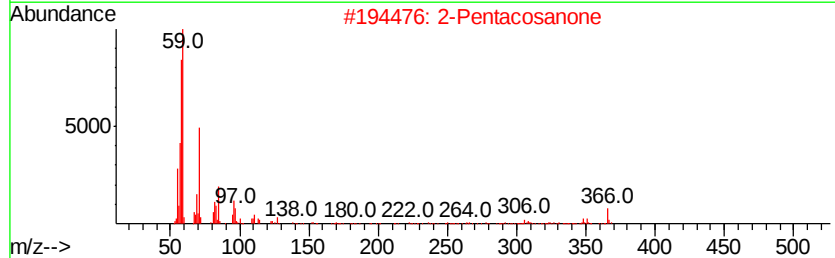
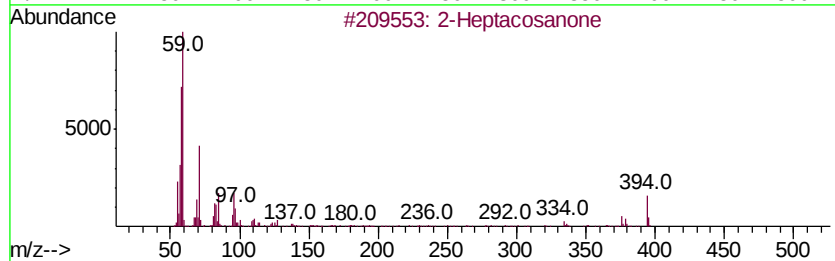
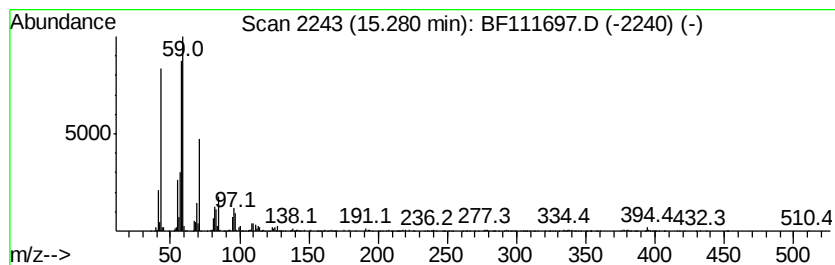
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Heptacosanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.28	96.67 ng	1621760	Perylene-d12	15.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2	93
2	2-Pentacosanone	366	C25H50O	075207-54-4	91
3	2-Nonadecanone	282	C19H38O	000629-66-3	74
4	2-Pentadecanone	226	C15H30O	002345-28-0	64
5	2-Tetradecanone	212	C14H28O	002345-27-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111697.D
Acq On : 21 Dec 2018 19:46
Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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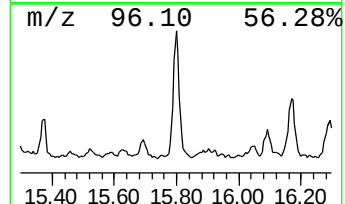
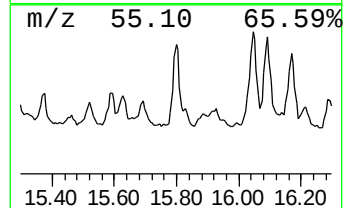
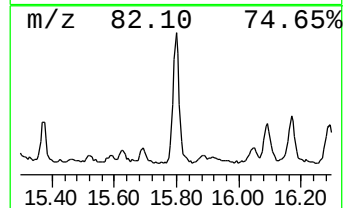
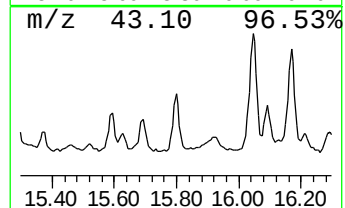
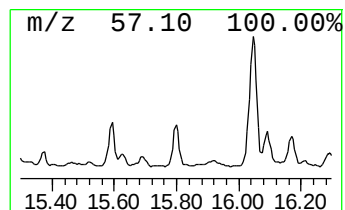
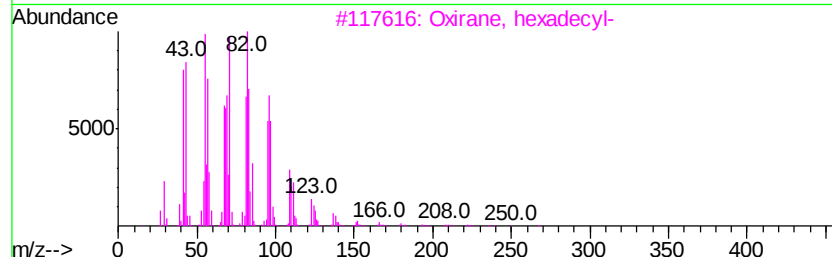
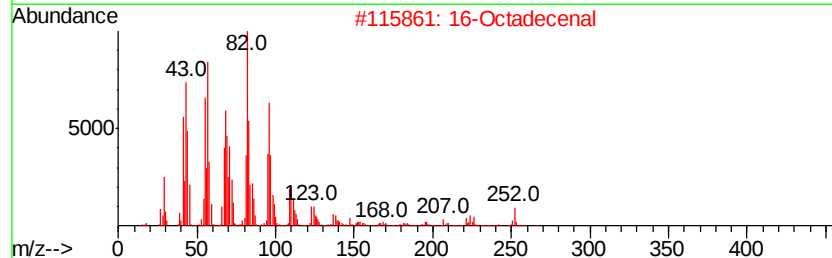
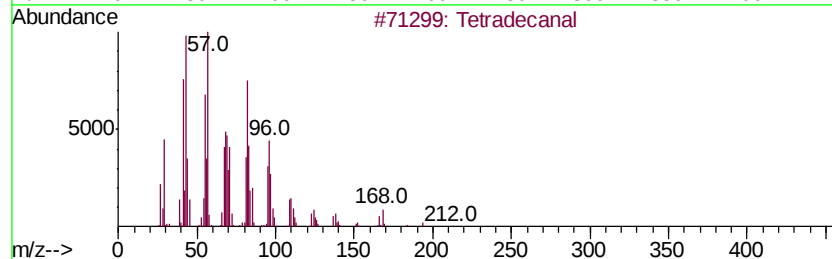
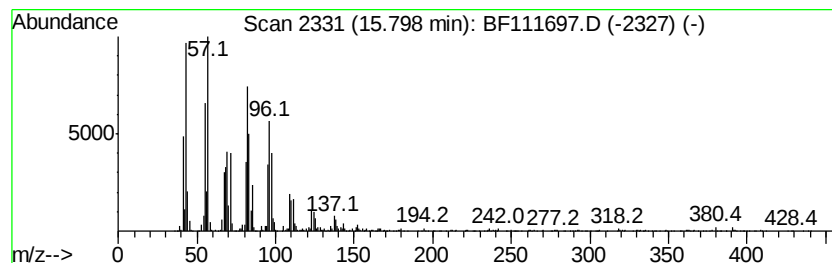
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradeanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	104.74 ng	1757070	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradeanal	212	C14H28O	000124-25-4	93
2		16-Octadecenal	266	C18H34O	056554-87-1	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		17-Octadecenal	266	C18H34O	056554-86-0	91
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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ALS Vial : 18 Sample Multiplier: 1

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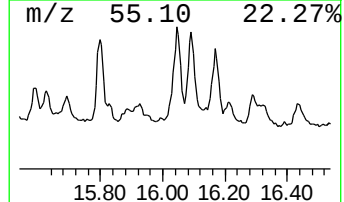
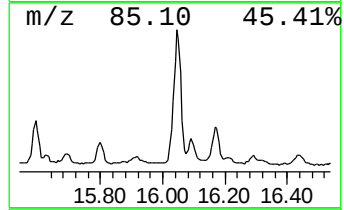
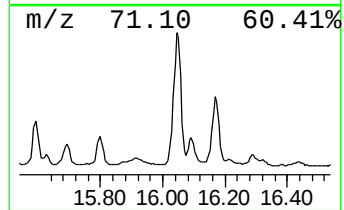
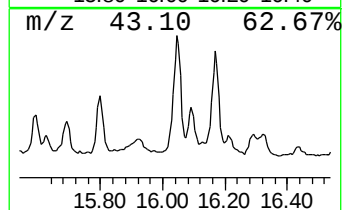
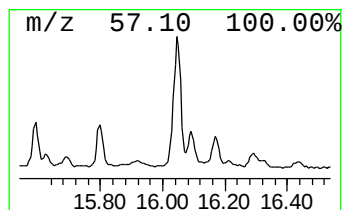
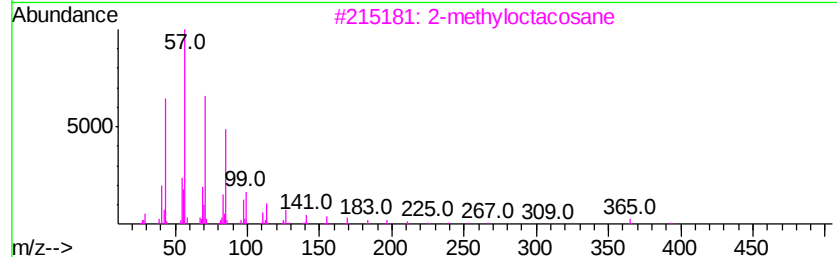
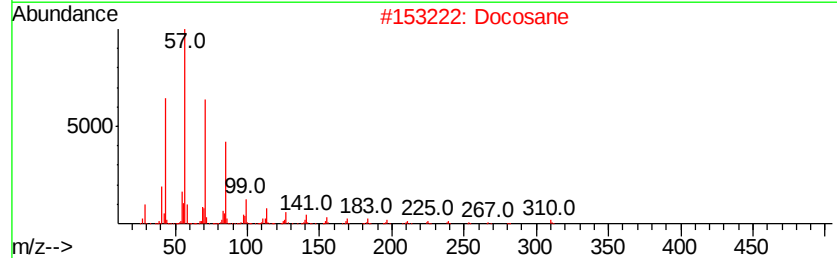
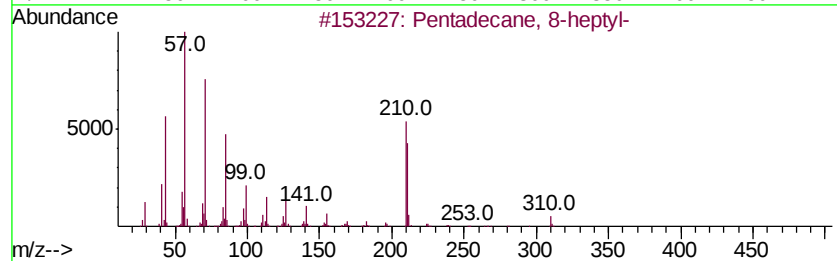
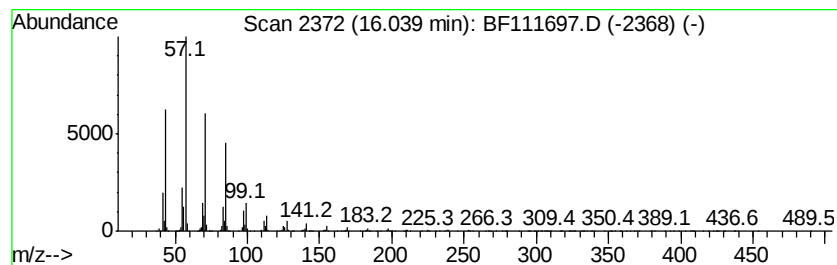
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 8-heptyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	155.81 ng	2613860	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	94
2		Docosane	310	C22H46	000629-97-0	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111697.D
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Operator : JU/SJ
Sample : J6391-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

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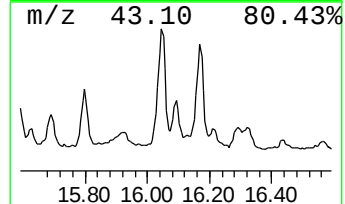
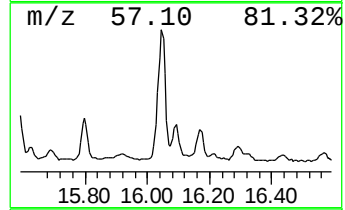
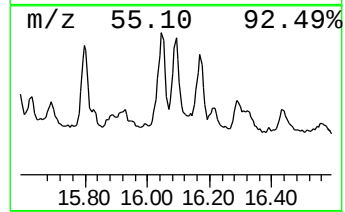
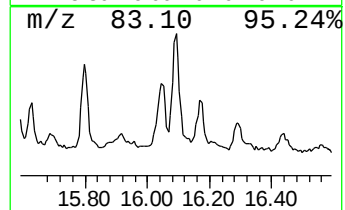
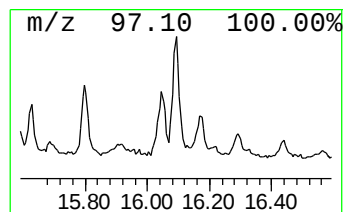
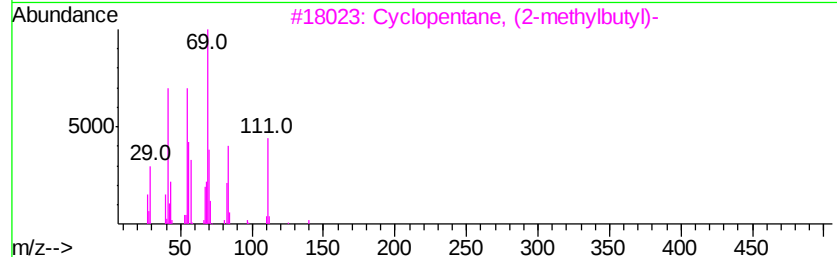
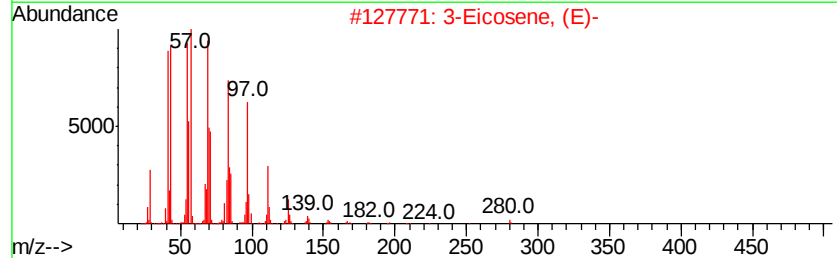
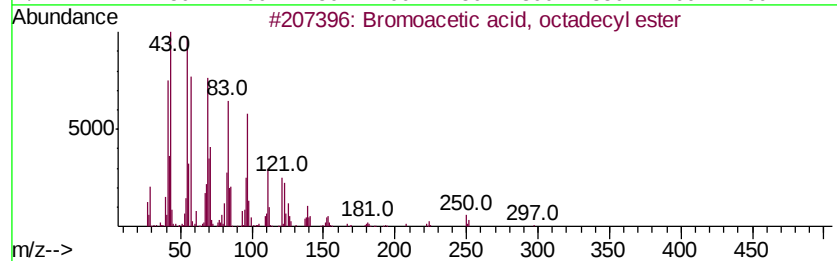
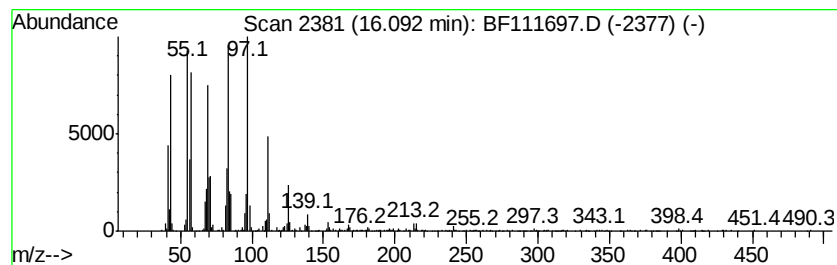
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Bromoacetic acid, octadecyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	72.21 ng	1211320	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	58
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	46
3		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	42
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	41
5		1-Heneicosanol	312	C21H44O	015594-90-8	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111697.D
Acq On : 21 Dec 2018 19:46
Operator : JU/SJ
Sample : J6391-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

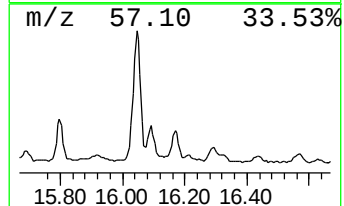
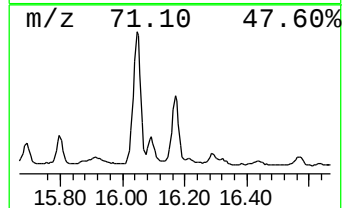
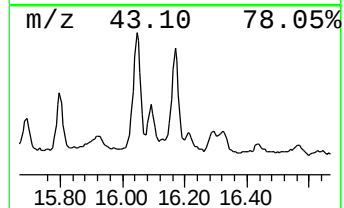
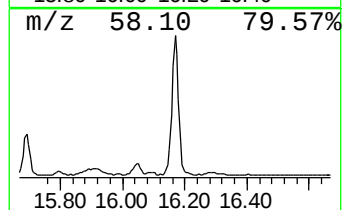
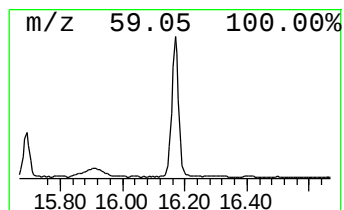
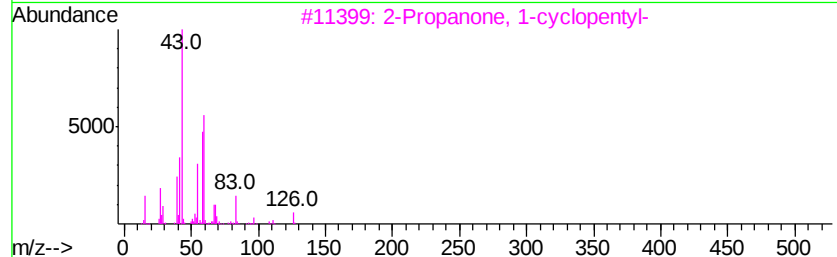
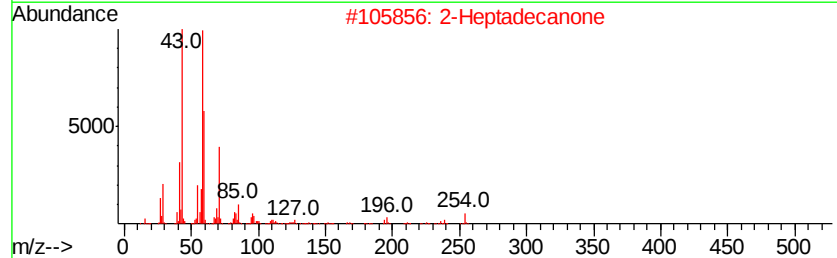
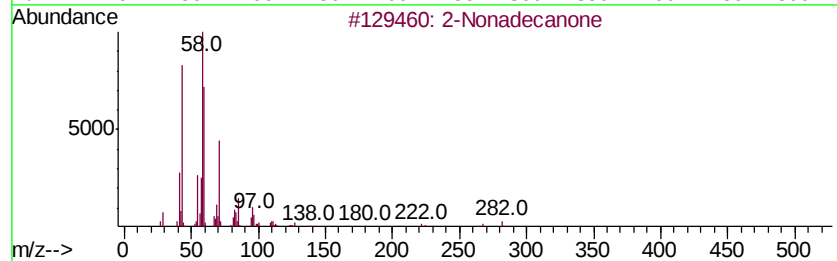
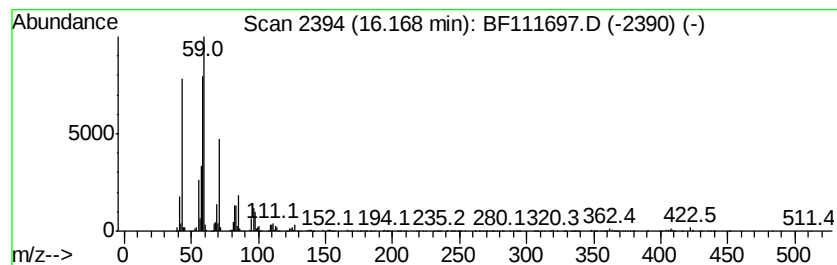
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Nonadecanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	99.18 ng	1663800	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonadecanone	282	C19H38O	000629-66-3	72
2		2-Heptadecanone	254	C17H34O	002922-51-2	64
3		2-Propanone, 1-cvclopentvl-	126	C8H14O	001122-98-1	53
4		2-Pentadecanone	226	C15H30O	002345-28-0	53
5		2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111697.D
Acq On : 21 Dec 2018 19:46
Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
P001-SS018-1218-01

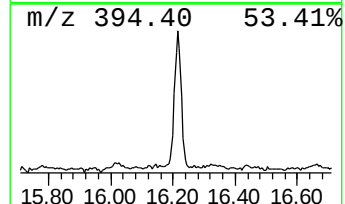
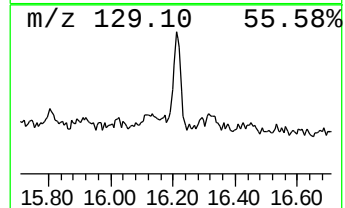
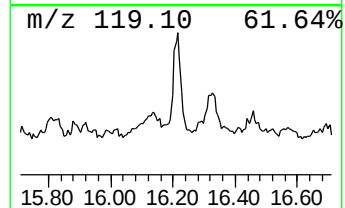
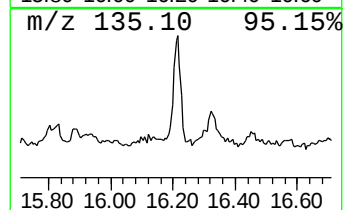
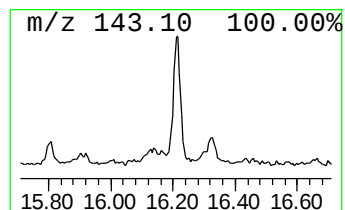
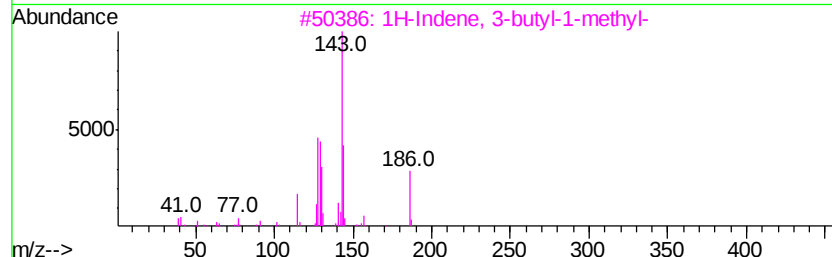
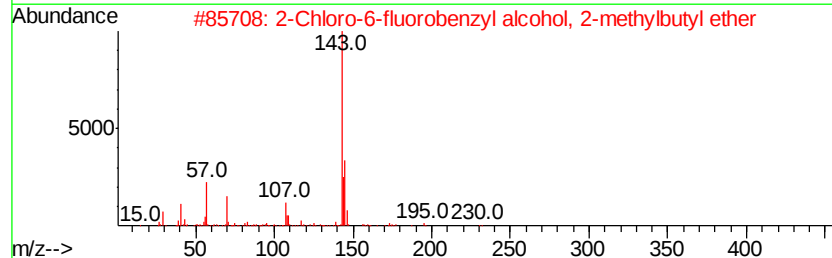
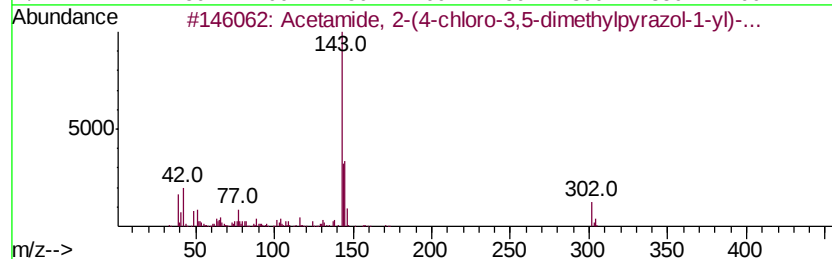
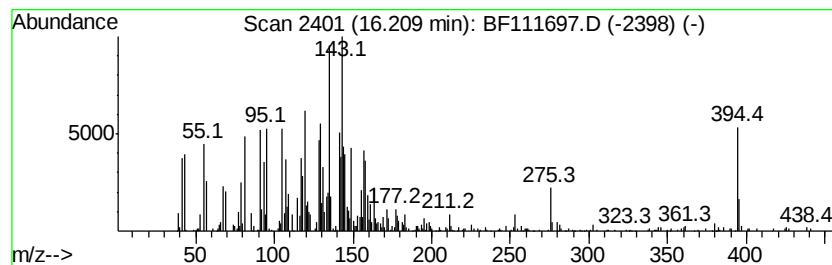
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.21 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	72.16 ng	1210500	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, 2-(4-chloro-3,5-dimet...	302	C15H15ClN4O	1000304-79-7	22
2		2-Chloro-6-fluorobenzyl alcohol,...	230	C12H16ClFO	1000378-14-8	18
3		1H-Indene, 3-butyl-1-methyl-	186	C14H18	111400-84-1	16
4		Imidazole, 1-hydroxymethyl-2-nitro-	143	C4H5N3O3	097987-87-6	11
5		1,4-Bis(2-hydroxyethyl)piperazine	174	C8H18N2O2	000122-96-3	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Operator : JU/SJ
Sample : J6391-18
Misc :
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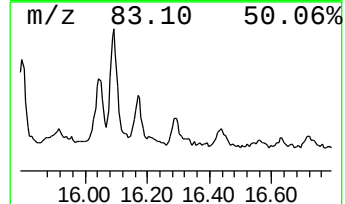
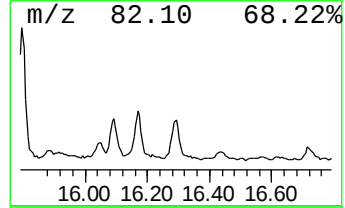
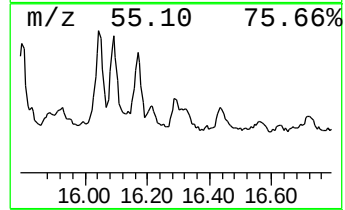
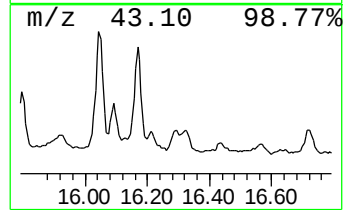
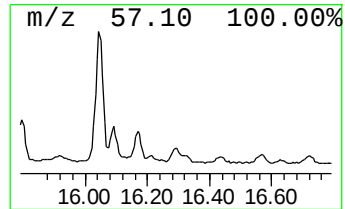
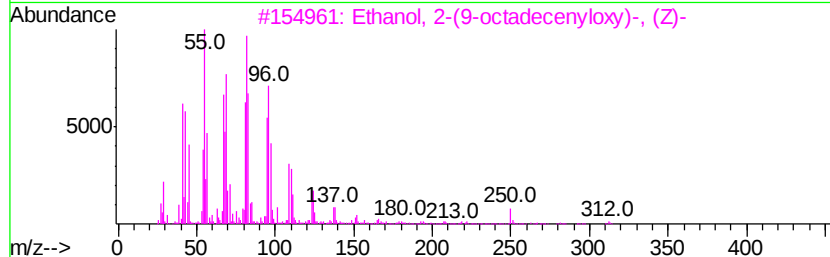
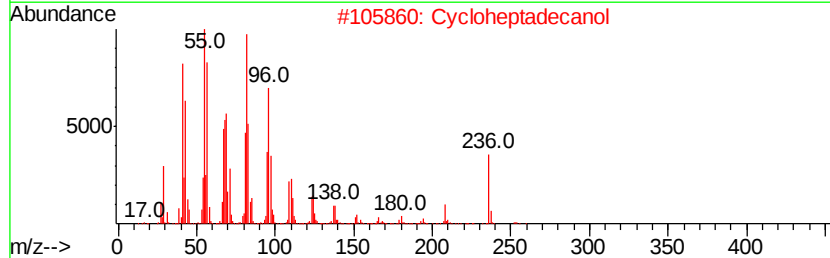
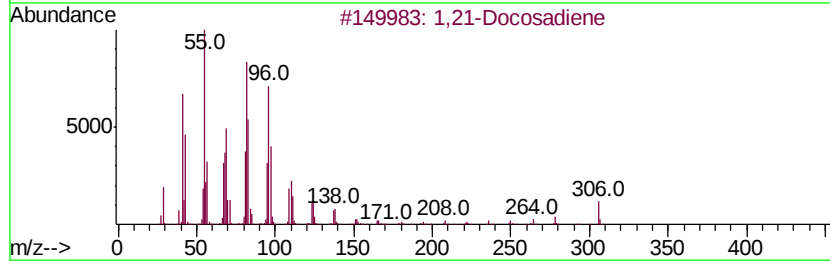
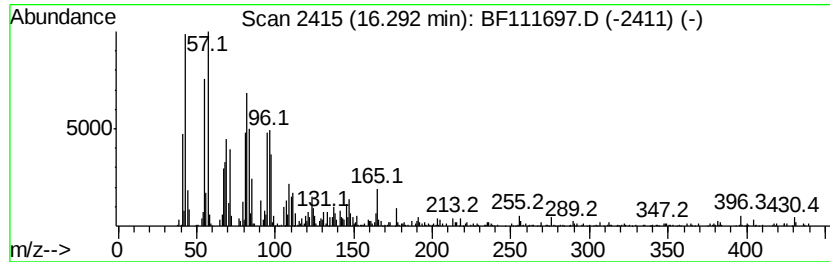
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,21-Docosadiene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.29	41.19 ng	691064	Perylene-d12	15.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,21-Docosadiene	306	C22H42	053057-53-7	78
2	Cycloheptadecanol	254	C17H34O	004429-77-0	70
3	Ethanol, 2-(9-octadecenyloxy)-, ...	312	C20H40O2	005353-25-3	68
4	Octadecanal	268	C18H36O	000638-66-4	68
5	trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Operator : JU/SJ
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Misc :
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Instrument :
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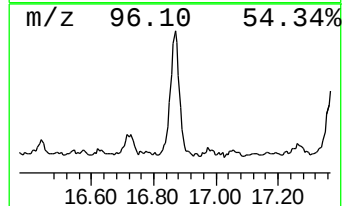
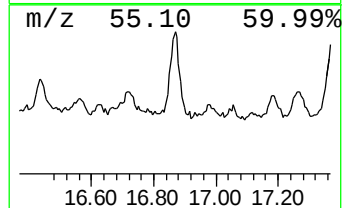
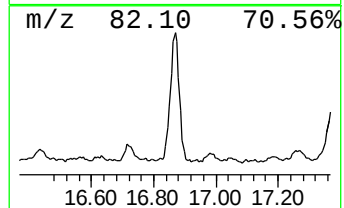
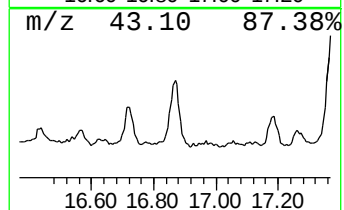
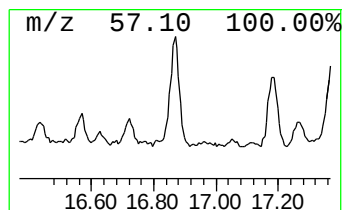
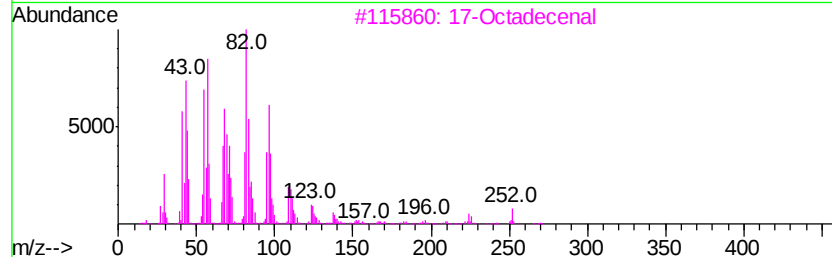
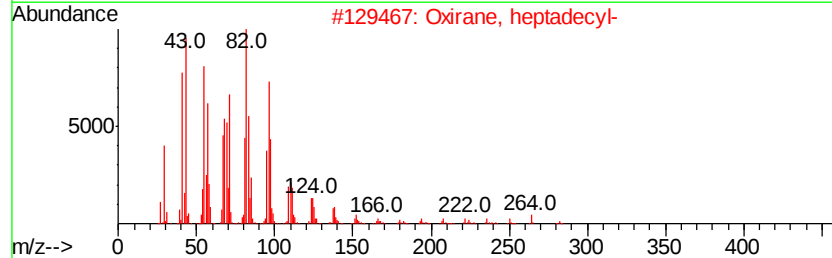
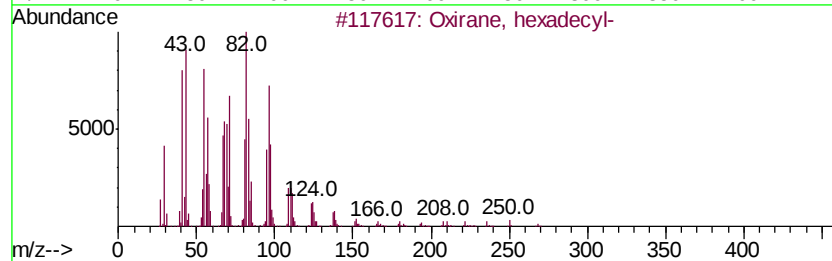
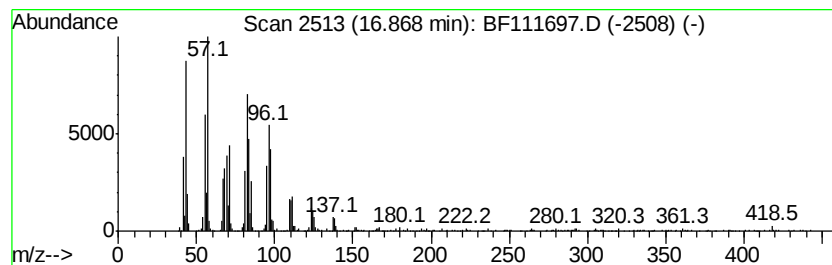
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	99.37 ng	1667000	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		17-Octadecenal	266	C18H34O	056554-86-0	90
4		1,30-Triacontanediol	454	C30H62O2	036645-68-8	81
5		Z-10-Octadecen-1-ol acetate	310	C20H38O2	1000131-07-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
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Acq On : 21 Dec 2018 19:46
Operator : JU/SJ
Sample : J6391-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

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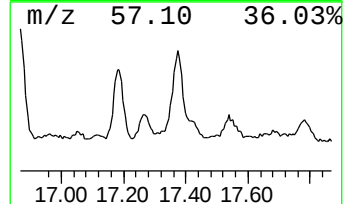
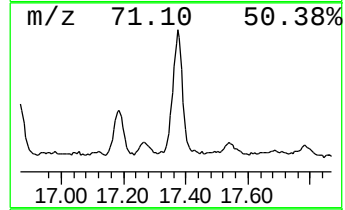
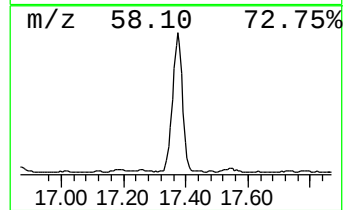
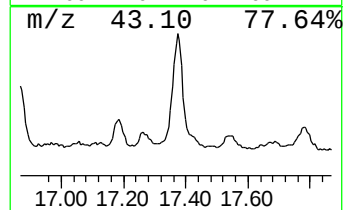
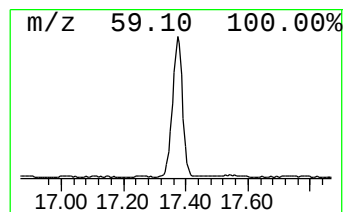
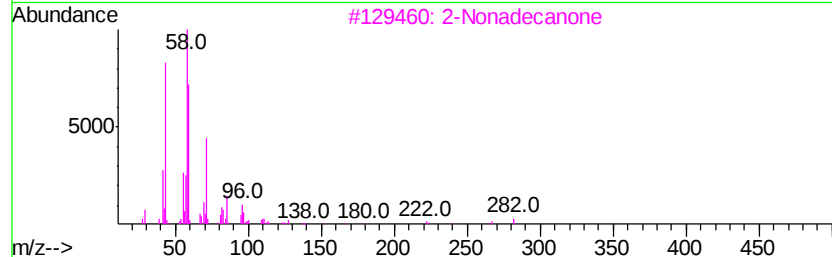
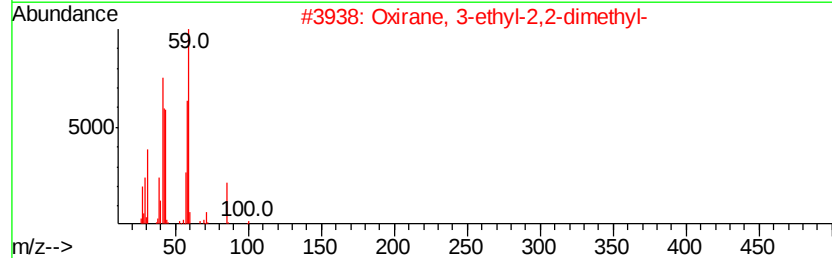
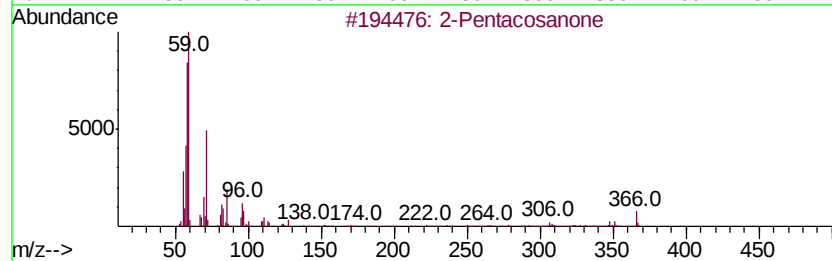
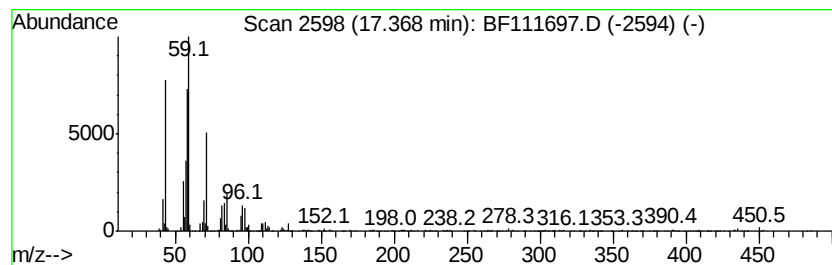
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Pentacosanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	110.64 ng	1856080	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentacosanone	366	C25H50O	075207-54-4	83
2		Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	53
3		2-Nonadecanone	282	C19H38O	000629-66-3	49
4		trans-2,3-Epoxy-nonane	142	C9H18O	056820-01-0	43
5		2-Heptacosanone	394	C27H54O	007796-19-2	43



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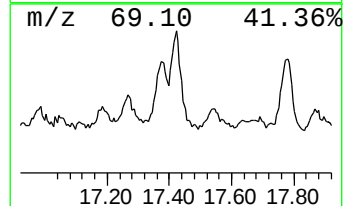
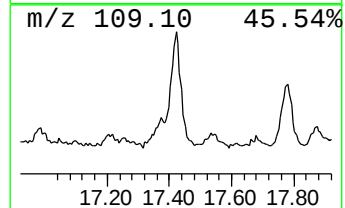
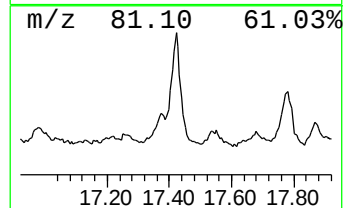
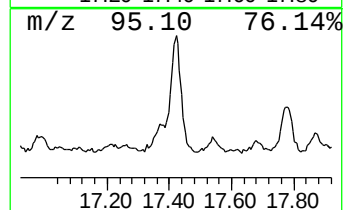
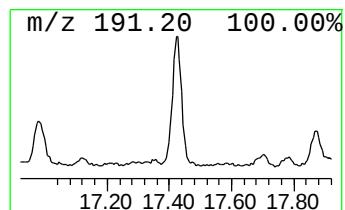
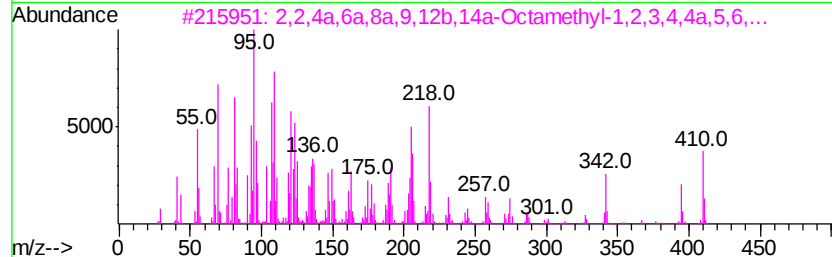
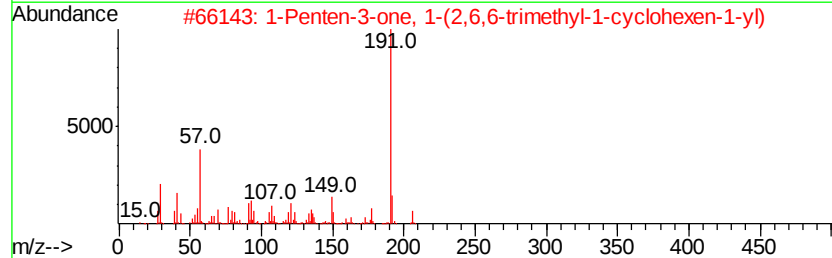
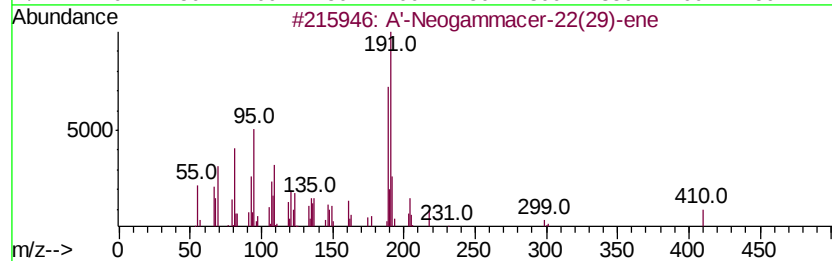
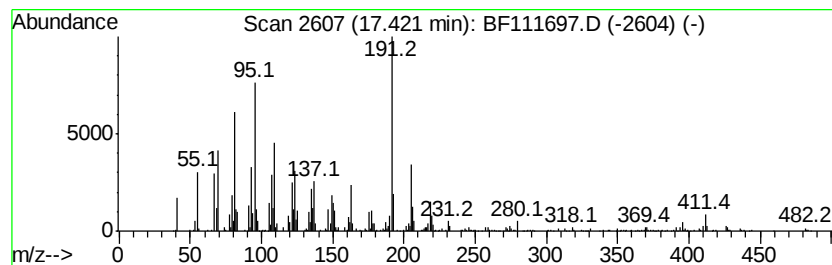
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	122.83 ng	2060500	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	A'-Neogammacer-22(29)-ene	410	C30H50	001615-91-4	47
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	30
3		2,2,4a,6a,8a,9,12b,14a-Octamethv...	410	C30H50	053013-35-7	30
4		1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	27
5		7,9-Di-tertbutyl-1-oxaspiro[4,5]...	262	C17H26O2	138345-00-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111697.D
Acq On : 21 Dec 2018 19:46
Operator : JU/SJ
Sample : J6391-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

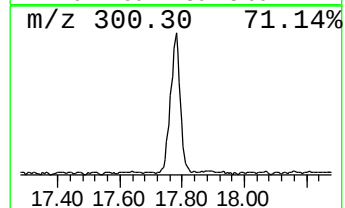
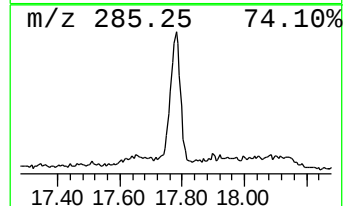
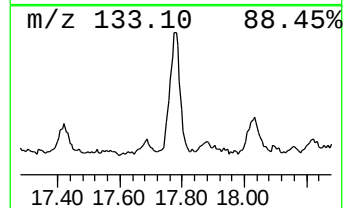
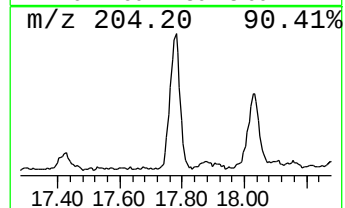
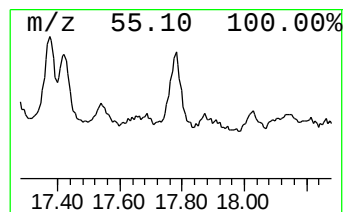
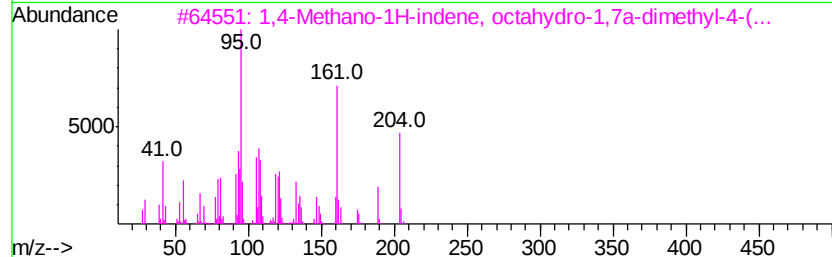
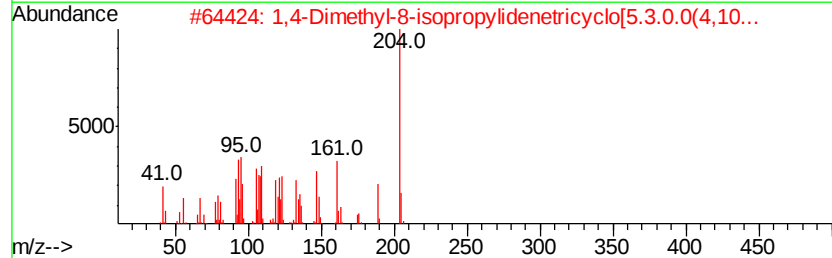
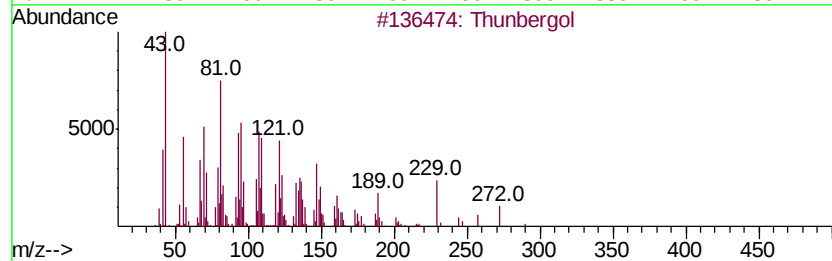
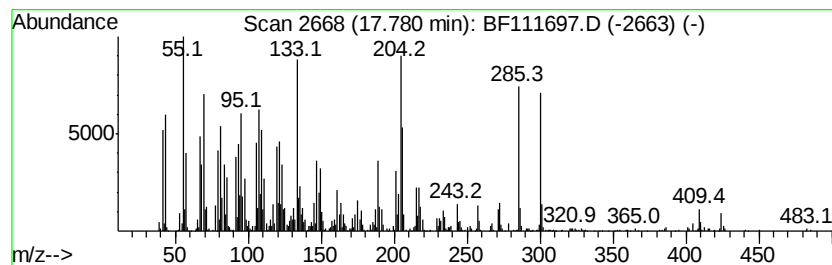
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.78 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	157.09 ng	2635200	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thunbergol	290	C20H34O	025269-17-4	44
2		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	41
3		1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	38
4		Aciphyllene	204	C15H24	087745-31-1	35
5		1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111697.D
 Acq On : 21 Dec 2018 19:46
 Operator : JU/SJ
 Sample : J6391-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

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	70.8	ng	3562090	1	6.90	1006510	20.0
Heptafluorobutyri...	13.91	275.1	ng	10367200	5	14.06	753575	20.0
Ethanol, 2-(octad...	14.23	42.7	ng	1607460	5	14.06	753575	20.0
Heneicosane	14.55	379.5	ng	14300700	5	14.06	753575	20.0
Sulfurous acid, b...	14.86	62.9	ng	1054340	6	15.55	335513	20.0
1,19-Eicosadiene	15.00	79.5	ng	1332930	6	15.55	335513	20.0
Tetracosane	15.20	321.2	ng	5388290	6	15.55	335513	20.0
2-Heptacosanone	15.28	96.7	ng	1621760	6	15.55	335513	20.0
Tetradecanal	15.80	104.7	ng	1757070	6	15.55	335513	20.0
Pentadecane, 8-he...	16.04	155.8	ng	2613860	6	15.55	335513	20.0
Bromoacetic acid,...	16.09	72.2	ng	1211320	6	15.55	335513	20.0
2-Nonadecanone	16.17	99.2	ng	1663800	6	15.55	335513	20.0
unknown16.21	16.21	72.2	ng	1210500	6	15.55	335513	20.0
1,21-Docosadiene	16.29	41.2	ng	691064	6	15.55	335513	20.0
Oxirane, hexadecyl-	16.87	99.4	ng	1667000	6	15.55	335513	20.0
2-Pentacosanone	17.37	110.6	ng	1856080	6	15.55	335513	20.0
unknown17.42	17.42	122.8	ng	2060500	6	15.55	335513	20.0
unknown17.78	17.78	157.1	ng	2635200	6	15.55	335513	20.0