

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111744.D
 Acq On : 27 Dec 2018 5:12
 Operator : JU/SJ
 Sample : J6446-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-0612-01

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	3.998	320	325	330	rBV	228909	297614	3.43%	0.348%
2	5.116	511	515	522	rVB	160208	179707	2.07%	0.210%
3	5.540	576	587	590	rBV	2377390	2404727	27.75%	2.814%
4	6.545	753	758	766	rVB	2457892	2415961	27.88%	2.827%
5	6.681	776	781	784	rBV	2763132	2350085	27.12%	2.750%
6	6.904	816	819	826	rBV	1068076	825353	9.52%	0.966%
7	7.063	842	846	849	rBV	2205913	1814199	20.93%	2.123%
8	7.463	909	914	917	rBV	1493590	1400721	16.16%	1.639%
9	8.186	1034	1037	1040	rVB	1180003	878063	10.13%	1.028%
10	9.257	1215	1219	1223	rBV	2780650	2417817	27.90%	2.830%
11	9.351	1229	1235	1239	rBV2	147765	206851	2.39%	0.242%
12	9.392	1239	1242	1251	rVB	169240	194410	2.24%	0.228%
13	9.645	1280	1285	1287	rBV	265131	302414	3.49%	0.354%
14	9.851	1318	1320	1325	rVB	93230	98742	1.14%	0.116%
15	9.939	1332	1335	1339	rVB2	1087841	957379	11.05%	1.120%
16	10.104	1360	1363	1366	rBV	272128	240452	2.77%	0.281%
17	10.727	1465	1469	1473	rBV	1837177	1590852	18.36%	1.862%
18	10.969	1507	1510	1513	rVV	328890	278300	3.21%	0.326%
19	11.086	1525	1530	1534	rBV4	182595	270929	3.13%	0.317%
20	11.127	1534	1537	1542	rVV2	262867	268816	3.10%	0.315%
21	11.380	1577	1580	1581	rBV3	109811	103484	1.19%	0.121%
22	11.398	1581	1583	1585	rVV	260232	222457	2.57%	0.260%
23	11.427	1585	1588	1591	rVV	1270388	1059384	12.22%	1.240%
24	11.474	1594	1596	1600	rVB2	657080	700965	8.09%	0.820%
25	11.539	1604	1607	1612	rVB4	170264	188531	2.18%	0.221%
26	11.586	1612	1615	1619	rVB	242917	239647	2.77%	0.280%
27	11.651	1620	1626	1629	rBV	352561	411823	4.75%	0.482%
28	11.704	1633	1635	1642	rVB4	60227	113301	1.31%	0.133%
29	11.763	1642	1645	1648	rBV2	110669	143890	1.66%	0.168%
30	11.957	1674	1678	1685	rVB2	589171	623849	7.20%	0.730%
31	12.039	1690	1692	1695	rVV	305565	272811	3.15%	0.319%
32	12.074	1695	1698	1701	rVV2	255858	266514	3.08%	0.312%
33	12.127	1705	1707	1713	rVB3	151170	208486	2.41%	0.244%
34	12.210	1719	1721	1723	rBV	147628	104076	1.20%	0.122%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.292	1732	1735	1737	rBV2	139620	117048	1.35%	0.137%
36	12.316	1737	1739	1742	rVB3	114268	97106	1.12%	0.114%
37	12.374	1747	1749	1753	rVB4	143113	134030	1.55%	0.157%
38	12.469	1762	1765	1768	rBV2	178237	163863	1.89%	0.192%
39	12.516	1770	1773	1775	rVV2	322054	273817	3.16%	0.320%
40	12.557	1775	1780	1784	rVB2	1077509	1338529	15.45%	1.567%
41	12.657	1795	1797	1800	rBV4	102085	96564	1.11%	0.113%
42	12.692	1800	1803	1808	rVV2	734388	707871	8.17%	0.828%
43	12.739	1808	1811	1814	rVB	1091818	892292	10.30%	1.044%
44	12.886	1834	1836	1843	rVB3	267426	353018	4.07%	0.413%
45	12.957	1845	1848	1851	rVB3	147113	133136	1.54%	0.156%
46	13.010	1853	1857	1863	rVB	2807783	3071558	35.44%	3.595%
47	13.110	1871	1874	1876	rBV	887884	738304	8.52%	0.864%
48	13.139	1876	1879	1884	rVB2	357858	459880	5.31%	0.538%
49	13.204	1886	1890	1894	rVV2	2319948	2599880	30.00%	3.043%
50	13.245	1894	1897	1901	rVB	1427428	1245790	14.38%	1.458%
51	13.286	1901	1904	1906	rBV2	193175	172677	1.99%	0.202%
52	13.339	1910	1913	1915	rVV	311768	315332	3.64%	0.369%
53	13.392	1918	1922	1925	rBV	2544868	2167546	25.01%	2.537%
54	13.421	1925	1927	1929	rVV	638348	506742	5.85%	0.593%
55	13.457	1931	1933	1936	rVV	242899	243919	2.81%	0.285%
56	13.498	1936	1940	1944	rVV2	1046019	1105789	12.76%	1.294%
57	13.563	1948	1951	1953	rVV2	272357	331796	3.83%	0.388%
58	13.604	1953	1958	1962	rVV2	1364224	2173172	25.08%	2.543%
59	13.639	1962	1964	1969	rVB	209698	197969	2.28%	0.232%
60	13.710	1972	1976	1979	rVB2	1482561	1424705	16.44%	1.667%
61	13.751	1980	1983	1986	rVB	568495	499356	5.76%	0.584%
62	13.815	1992	1994	1996	rVB	158567	109261	1.26%	0.128%
63	13.910	2004	2010	2017	rBV2	4615381	8134234	93.87%	9.520%
64	13.968	2017	2020	2023	rVB2	313968	396889	4.58%	0.464%
65	14.033	2029	2031	2035	rBV2	232573	257880	2.98%	0.302%
66	14.068	2035	2037	2040	rVB	810477	646992	7.47%	0.757%
67	14.104	2040	2043	2046	rBV	2110964	1784822	20.60%	2.089%
68	14.174	2052	2055	2058	rBV	343452	333644	3.85%	0.390%
69	14.227	2061	2064	2070	rVV3	677257	1043024	12.04%	1.221%
70	14.274	2070	2072	2076	rVB2	309932	306425	3.54%	0.359%
71	14.321	2077	2080	2083	rBV	873163	847578	9.78%	0.992%

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72	14.351	2083	2085	2089	rVV2	746147	894329	10.32%	1.047%
73	14.410	2093	2095	2097	rVV	376239	274126	3.16%	0.321%
74	14.545	2113	2118	2124	rBV	7443917	8665879	100.00%	10.142%
75	14.592	2124	2126	2131	rVB	416293	395237	4.56%	0.463%
76	14.662	2136	2138	2140	rVV	198566	152294	1.76%	0.178%
77	14.786	2156	2159	2164	rBV2	320015	445633	5.14%	0.522%
78	14.851	2168	2170	2172	rBV	328484	285169	3.29%	0.334%
79	14.998	2191	2195	2199	rBV	1075045	1137038	13.12%	1.331%
80	15.204	2225	2230	2232	rBV	2426109	3439696	39.69%	4.026%
81	15.280	2240	2243	2248	rVB	634659	733862	8.47%	0.859%
82	15.562	2288	2291	2293	rBV	392739	448726	5.18%	0.525%
83	15.798	2326	2331	2334	rBV	907356	1275845	14.72%	1.493%
84	16.045	2368	2373	2377	rVB	1052071	1553441	17.93%	1.818%
85	16.086	2377	2380	2385	rVB	418542	577763	6.67%	0.676%
86	16.162	2389	2393	2397	rVV	743287	1070037	12.35%	1.252%
87	16.215	2398	2402	2410	rVB3	401430	724523	8.36%	0.848%
88	16.862	2508	2512	2519	rVB	484394	856842	9.89%	1.003%
89	17.362	2592	2597	2603	rBV	621725	1384580	15.98%	1.620%
90	17.780	2662	2668	2678	rVB3	679815	1656580	19.12%	1.939%

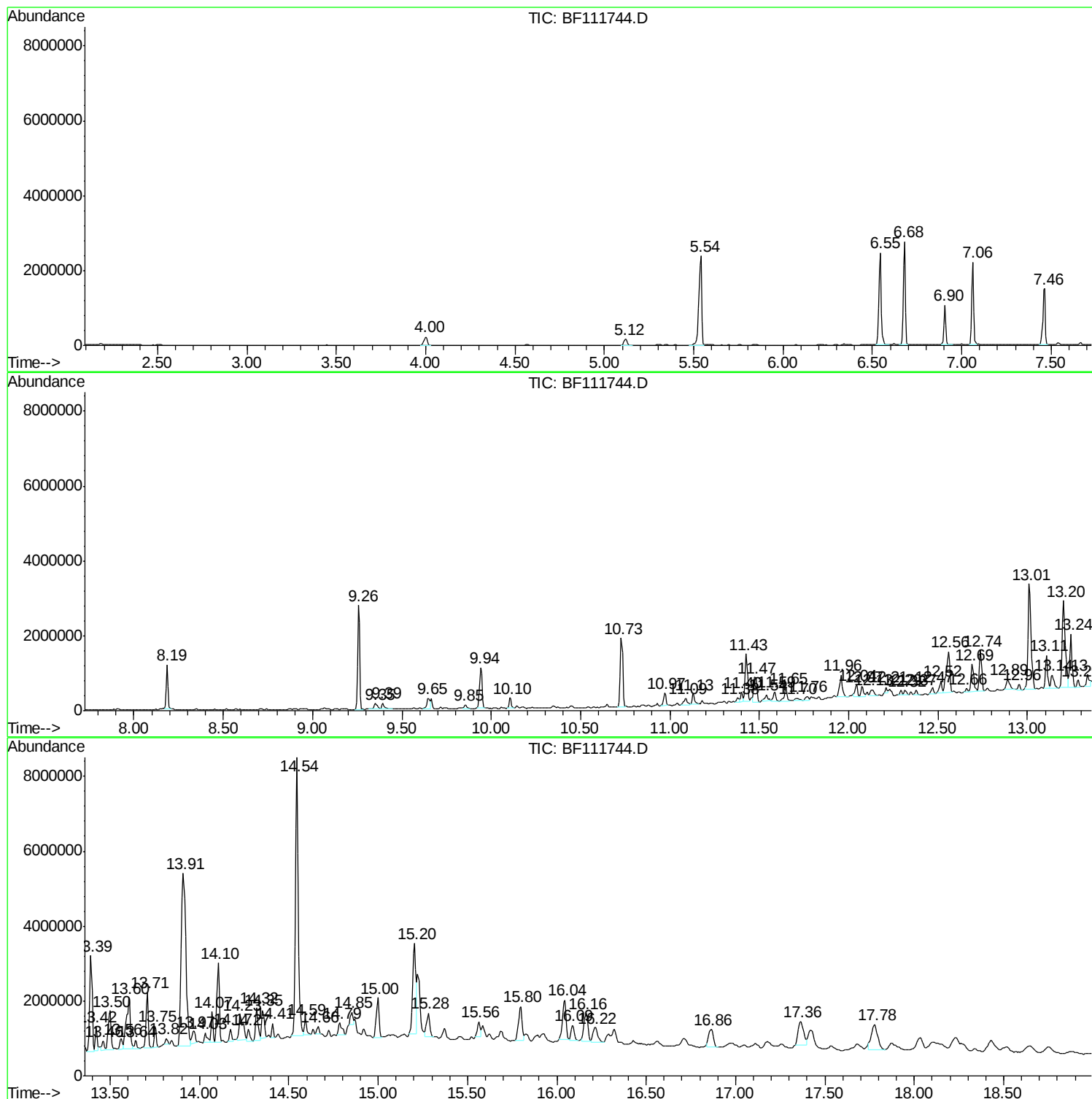
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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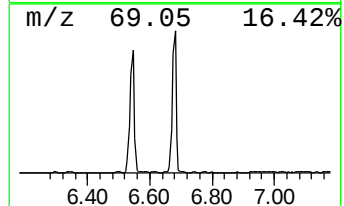
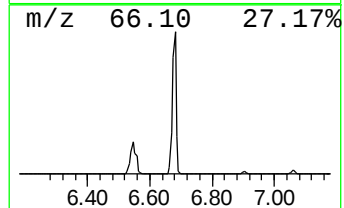
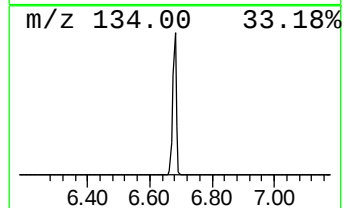
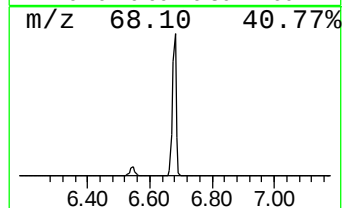
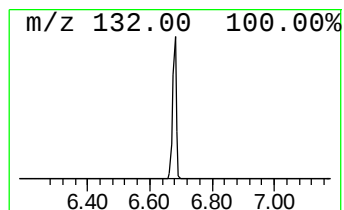
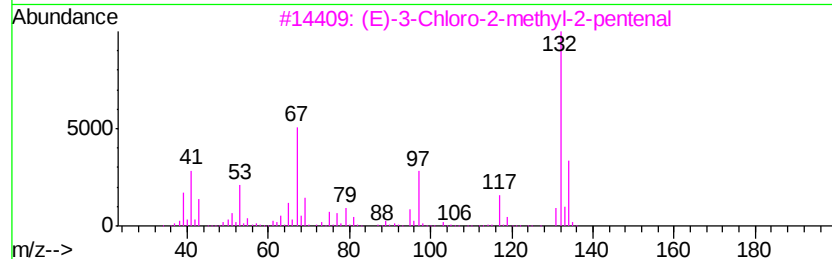
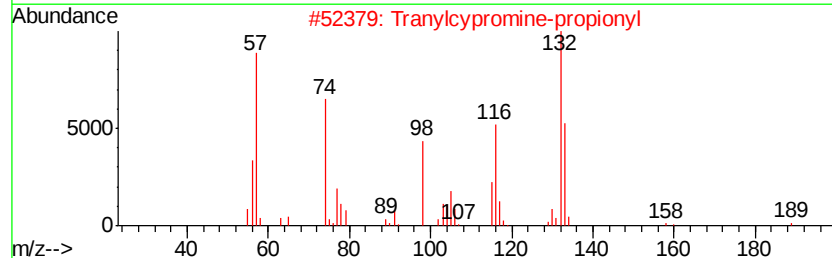
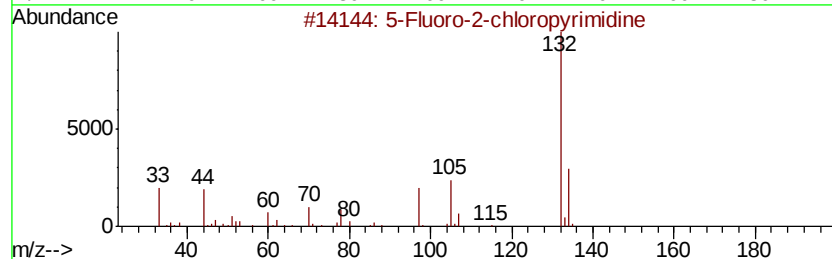
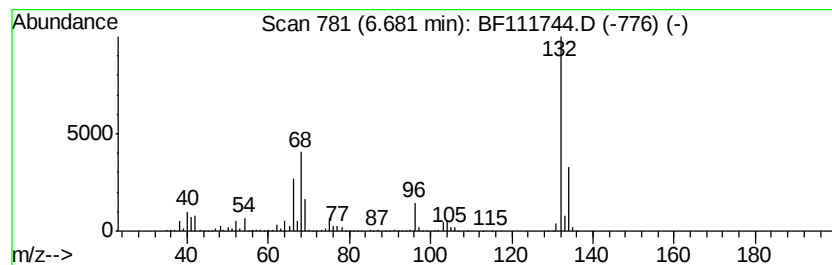
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.68 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	56.95 ng	2350090	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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
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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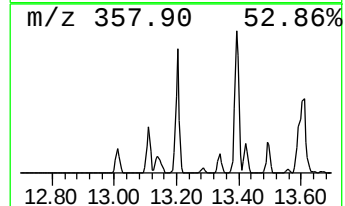
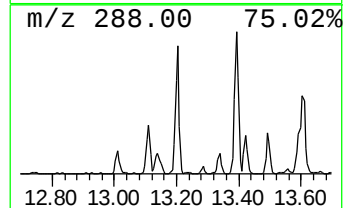
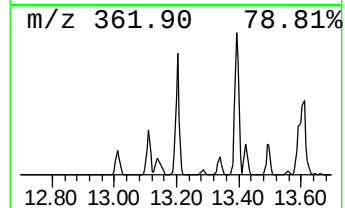
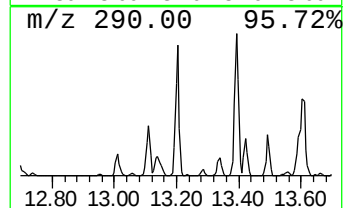
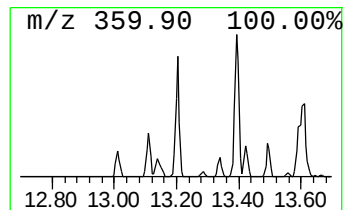
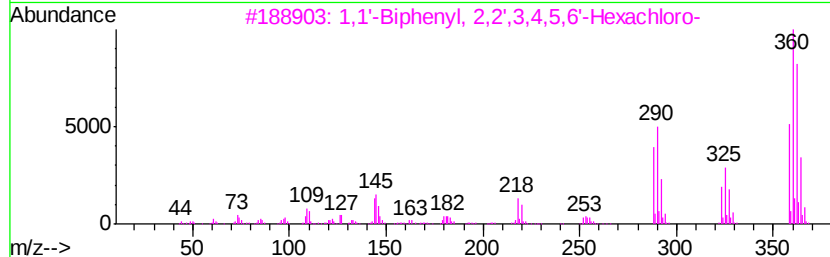
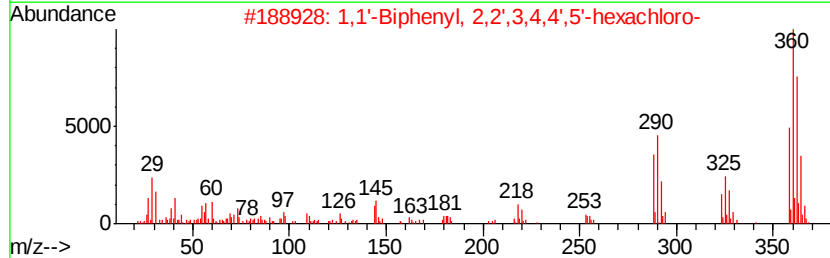
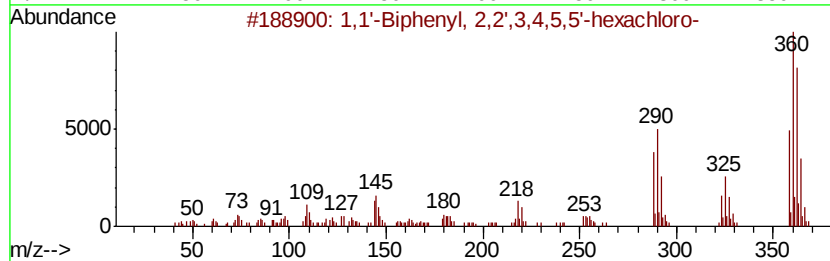
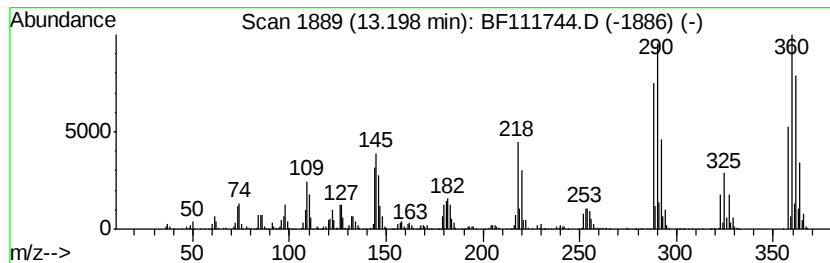
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	80.37 ng	2599880	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
4		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5		2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99



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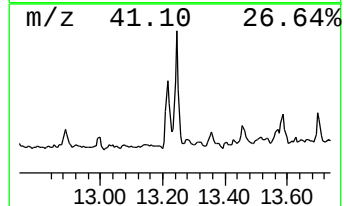
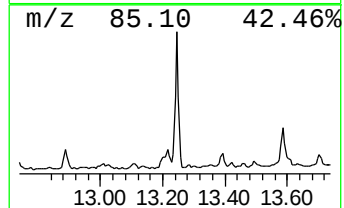
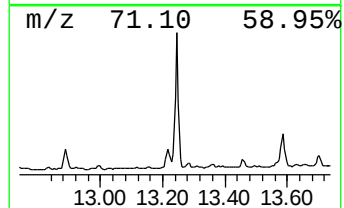
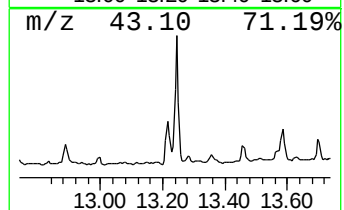
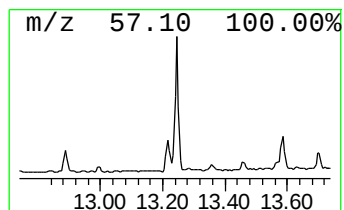
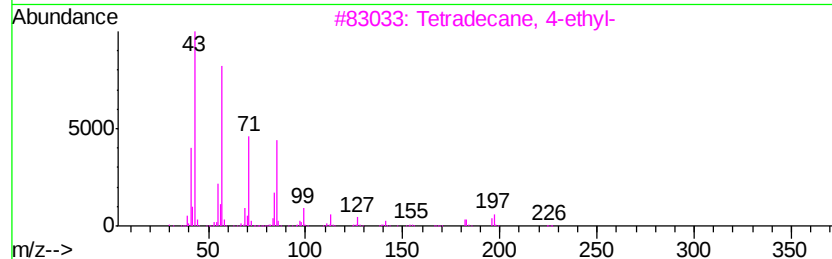
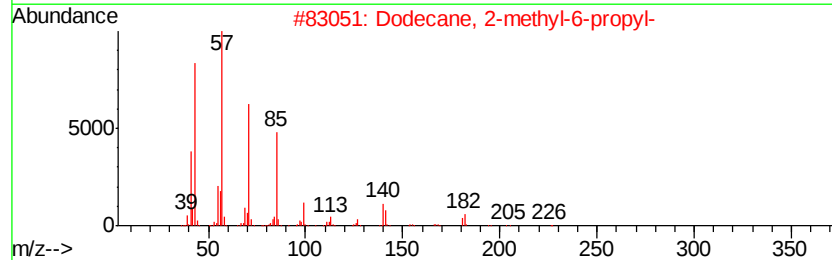
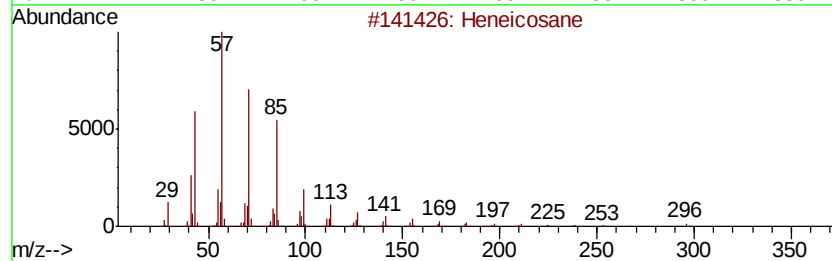
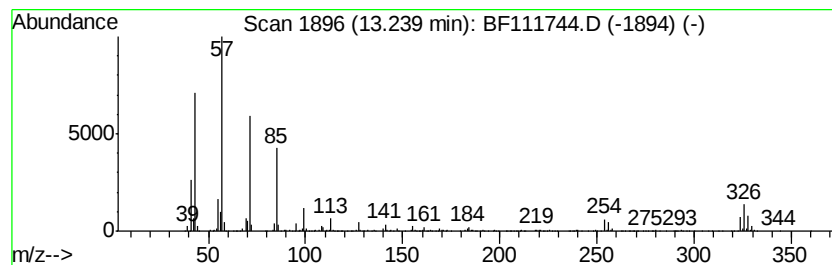
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	38.51 ng	1245790	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	87
3	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	83
4	Hexadecane, 3-methyl-		240	C17H36	006418-43-5	81
5	Heptacosane		380	C27H56	000593-49-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
Sample : J6446-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

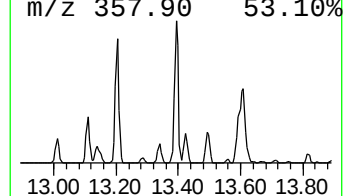
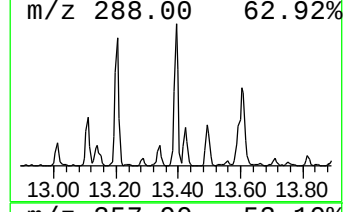
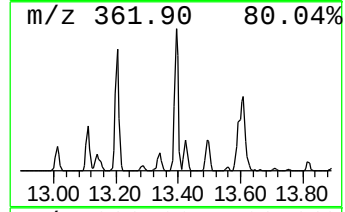
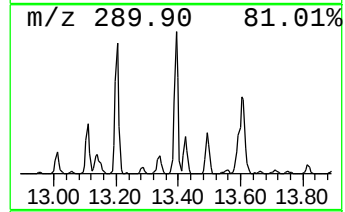
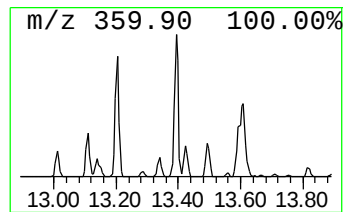
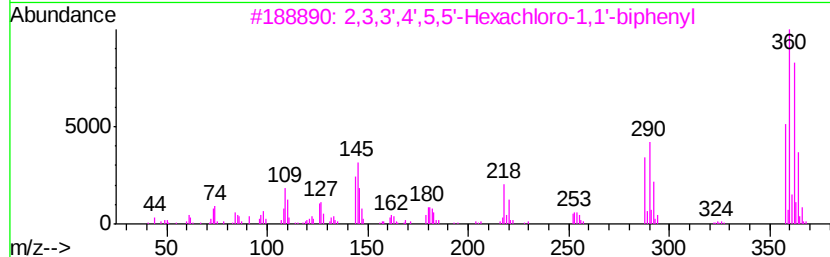
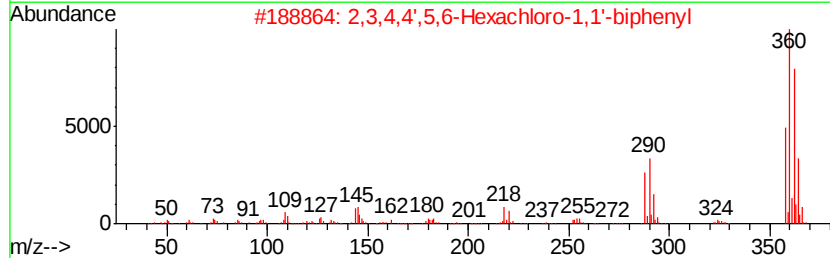
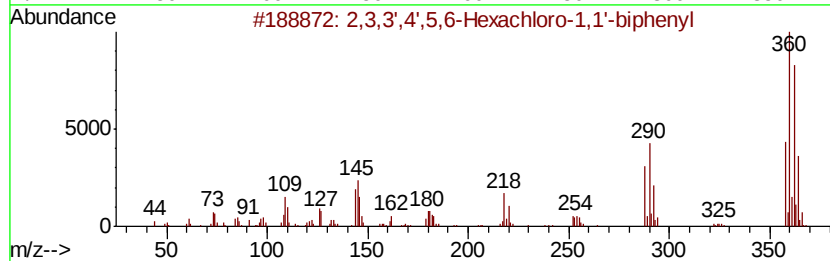
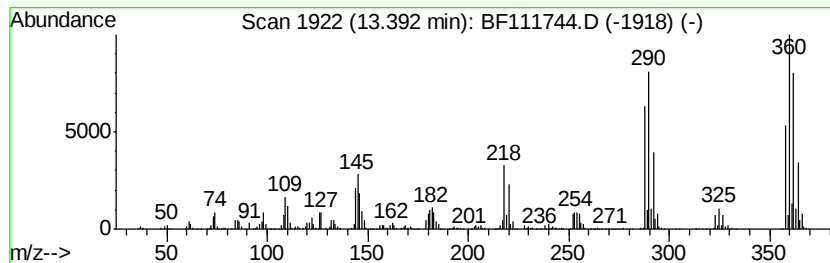
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2,3,3',4',5,6-Hexachloro-1,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	67.00 ng	2167550	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
2		2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
4		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
5		2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
Sample : J6446-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS021-0612-01

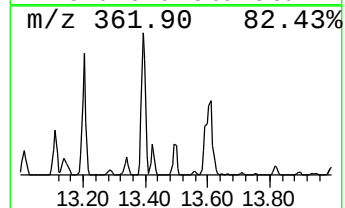
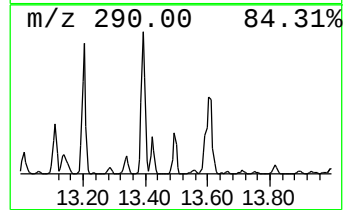
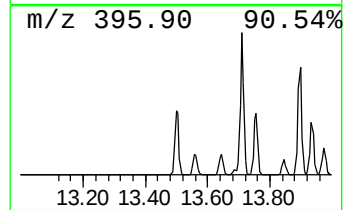
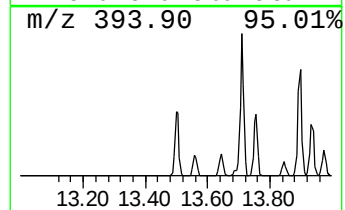
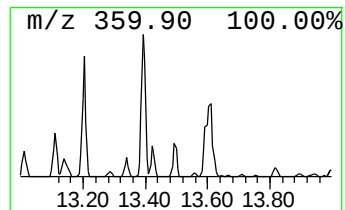
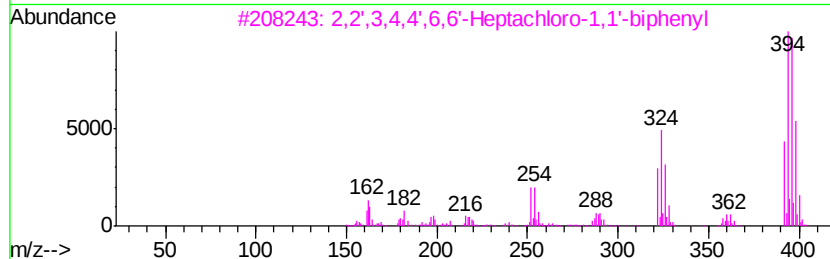
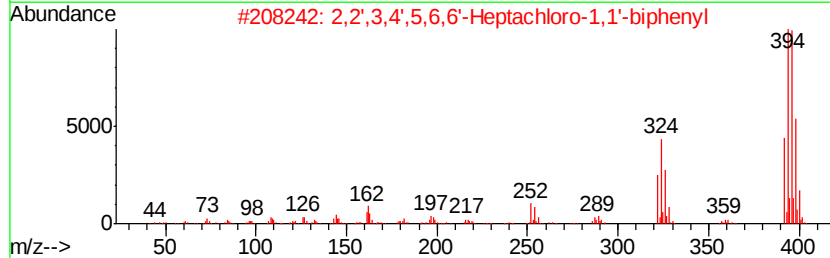
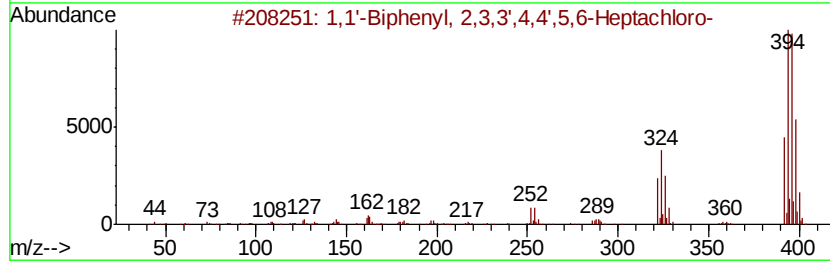
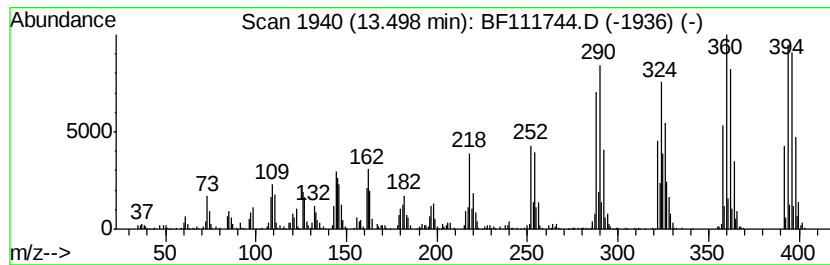
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	34.18 ng	1105790	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	97
2		2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	97
3		2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	97
4		1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	97
5		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
Sample : J6446-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS021-0612-01

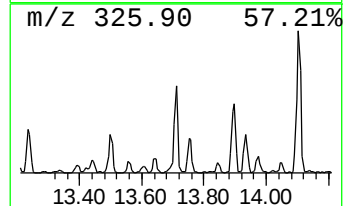
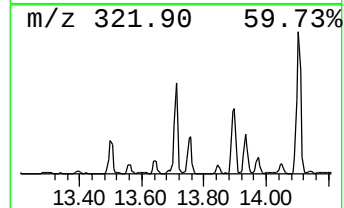
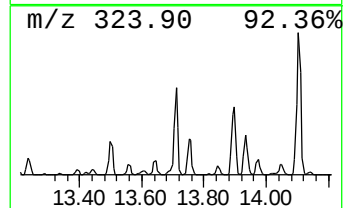
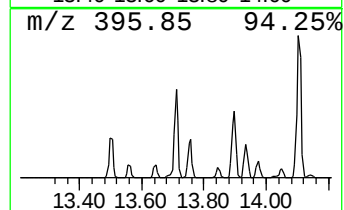
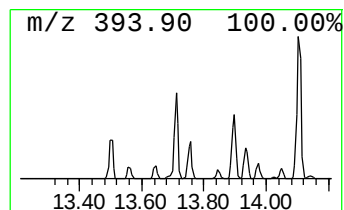
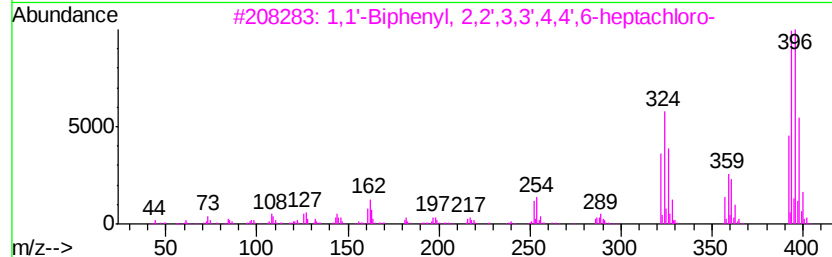
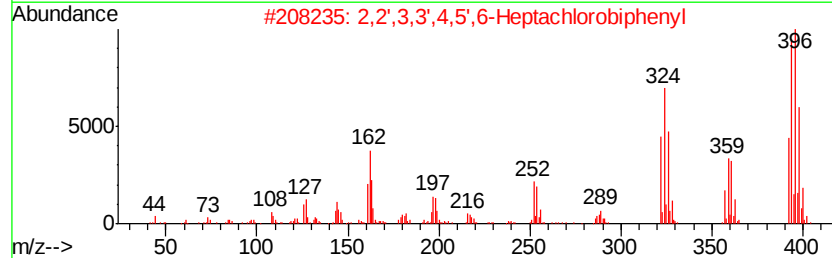
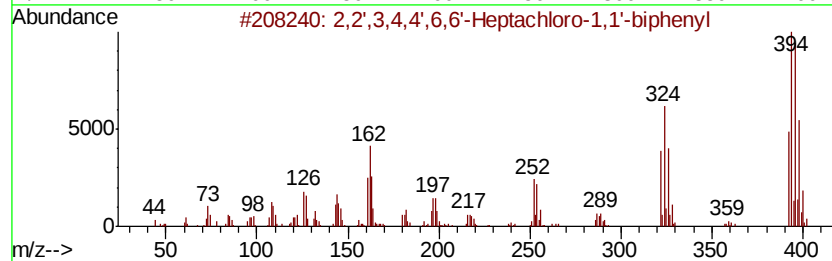
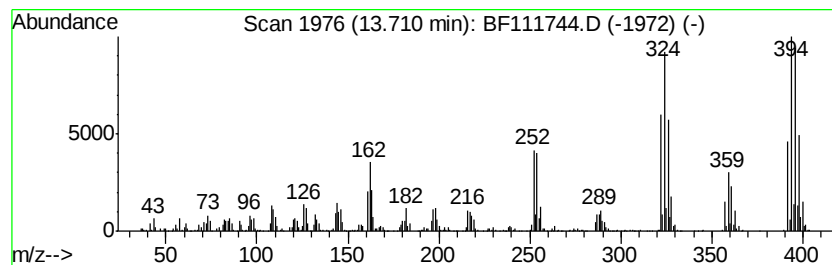
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,2',3,4,4',6,6'-Heptachlor... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	44.04 ng	1424710	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99
2		2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3		1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
4		1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99
5		1,1'-Biphenyl, 2,2',3,4,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
Sample : J6446-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
P001-SS021-0612-01

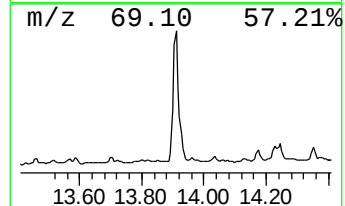
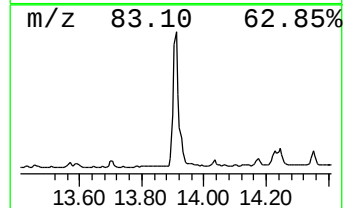
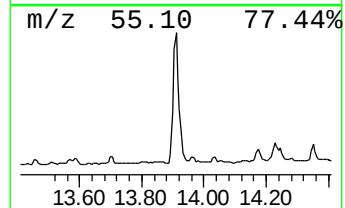
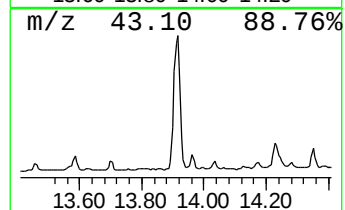
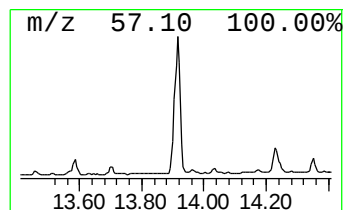
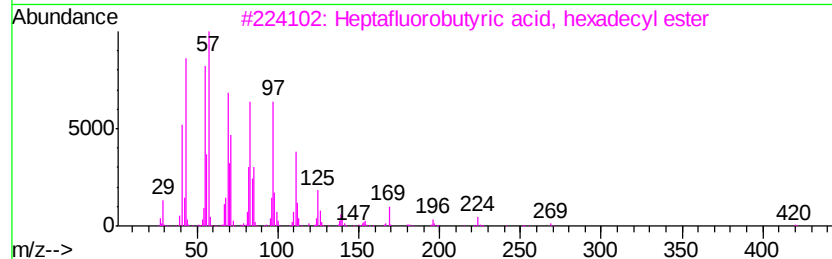
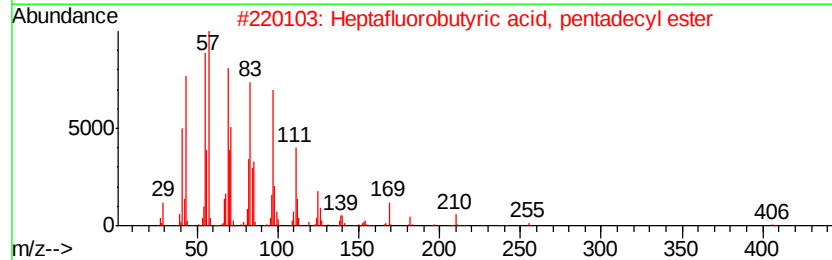
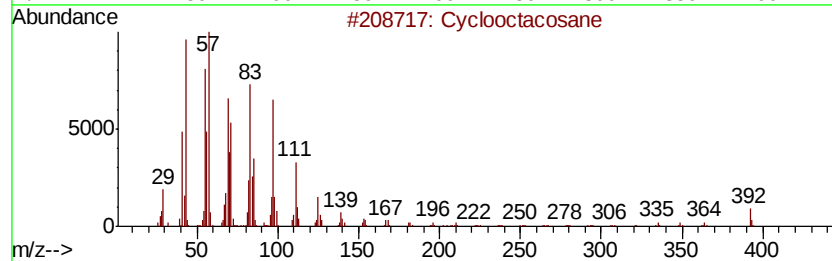
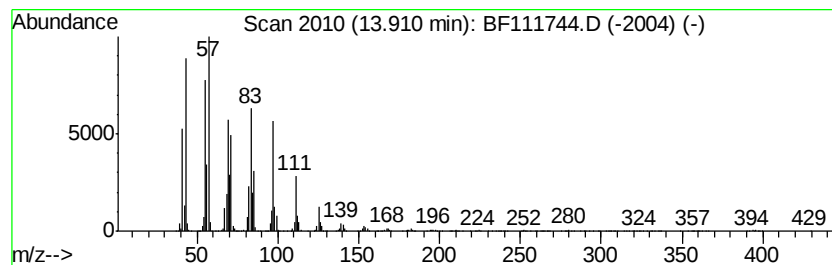
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclooctacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	251.45 ng	8134230	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctacosane	392	C28H56	000297-24-5	94
2		Heptafluorobutyric acid, pentadec...	424	C19H31F7O2	959261-23-5	94
3		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
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Sample : J6446-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

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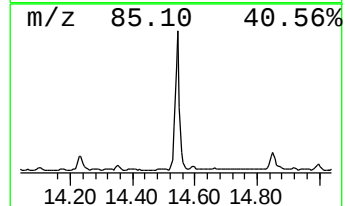
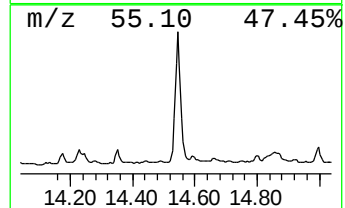
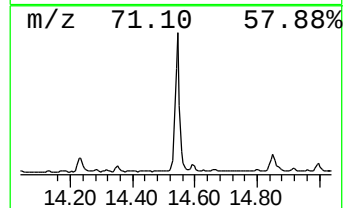
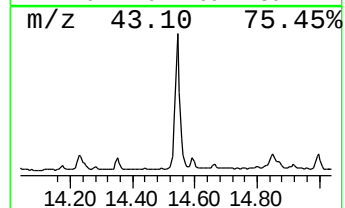
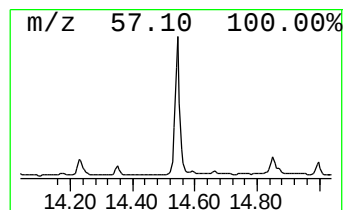
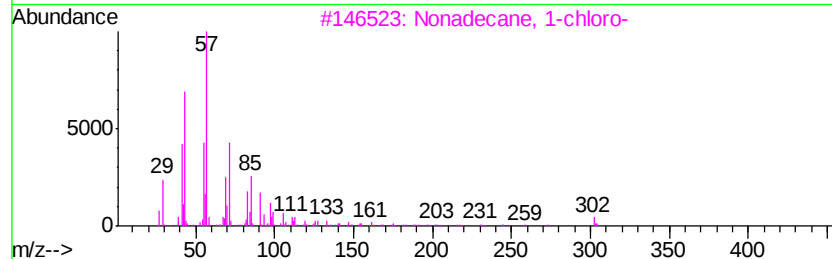
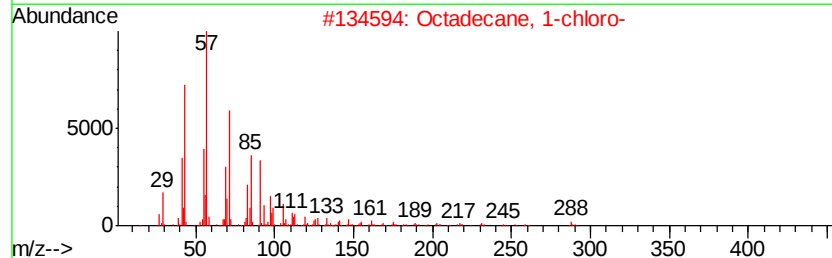
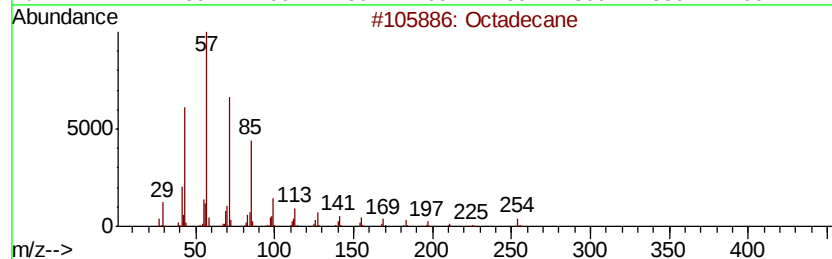
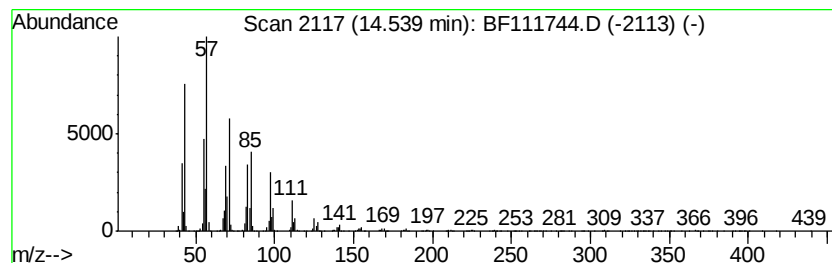
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	267.88 ng	8665880	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
3		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	90
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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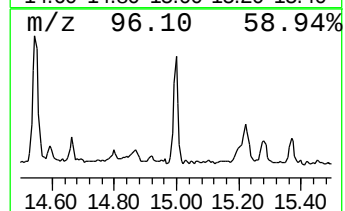
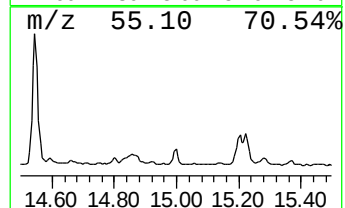
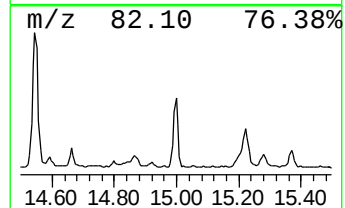
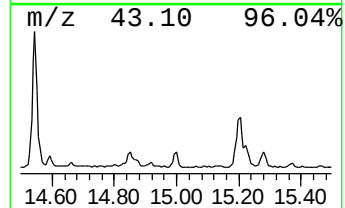
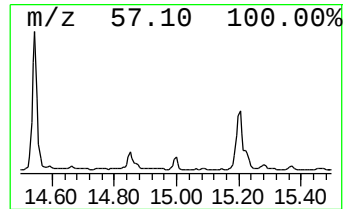
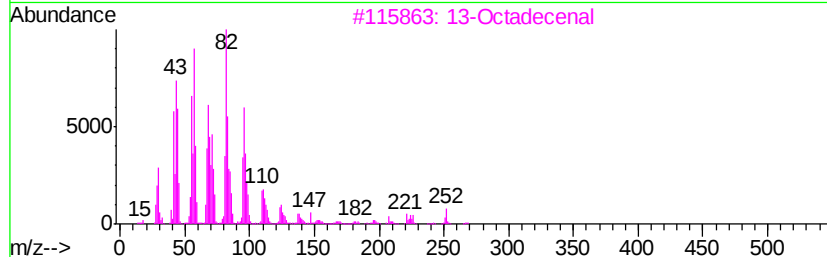
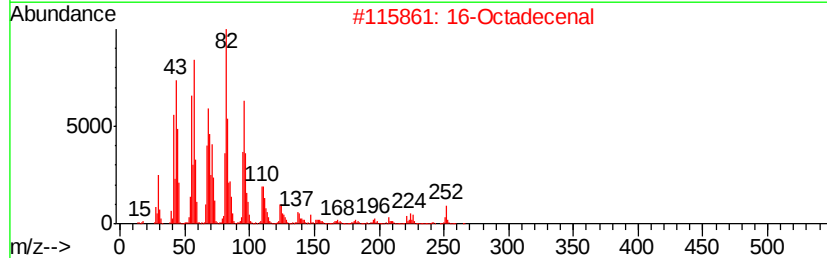
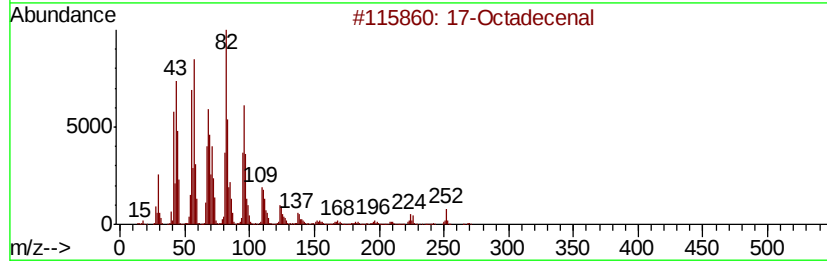
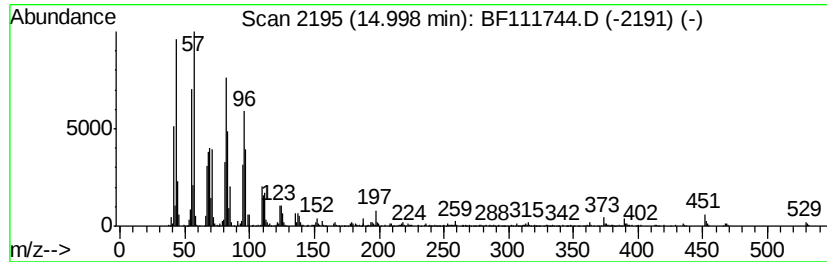
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 17-Octadecenal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	50.68 ng	1137040	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Octadecenal	266	C18H34O	056554-86-0	95
2		16-Octadecenal	266	C18H34O	056554-87-1	94
3		13-Octadecenal	266	C18H34O	056554-90-6	93
4		1,19-Eicosadiene	278	C20H38	014811-95-1	92
5		1,22-Docosanediol	342	C22H46O2	022513-81-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
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ClientSampleId :
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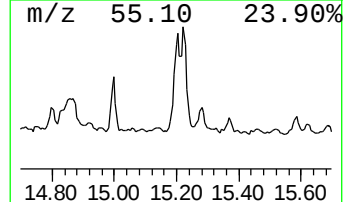
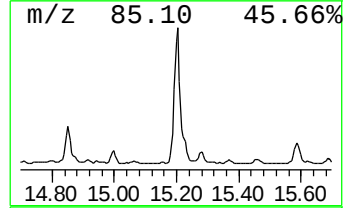
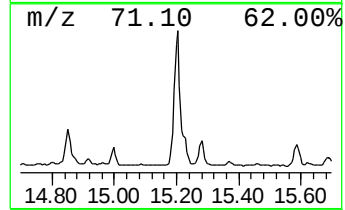
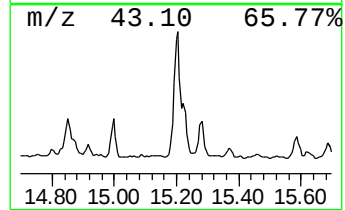
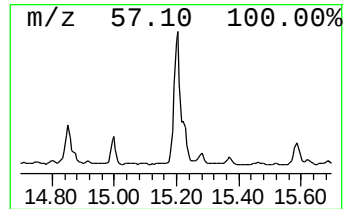
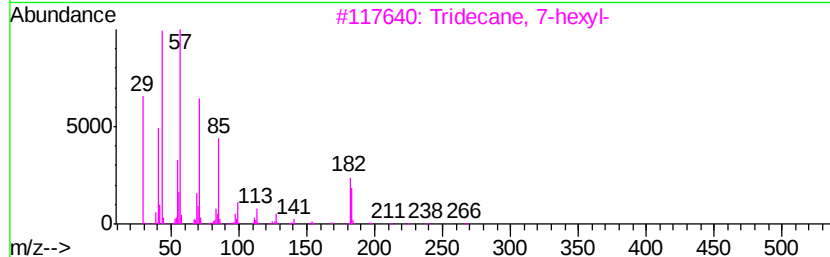
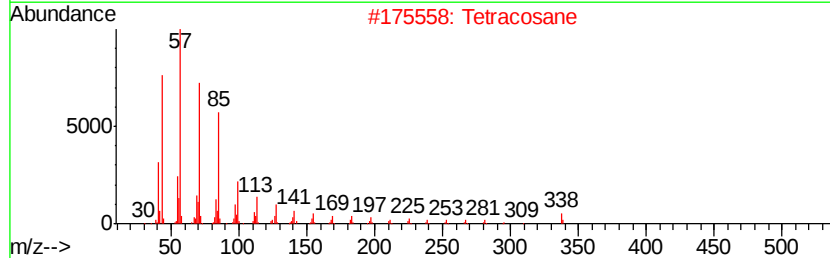
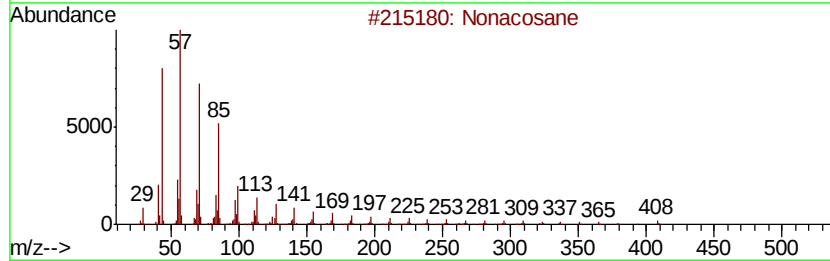
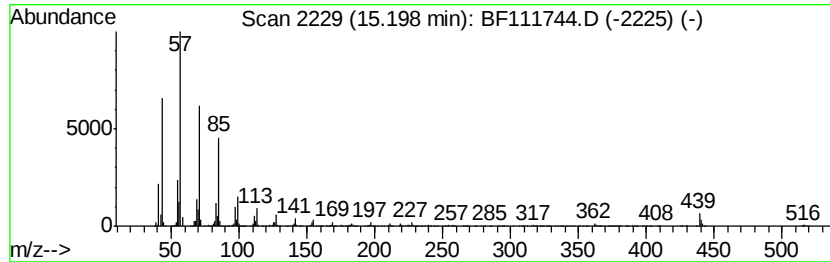
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	153.31 ng	3439700	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	96
2		Tetracosane	338	C24H50	000646-31-1	96
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
4		triacontane	422	C30H62	000638-68-6	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
Sample : J6446-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS021-0612-01

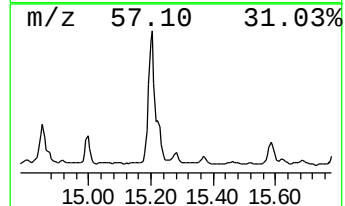
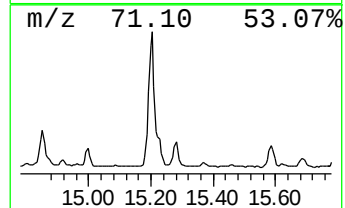
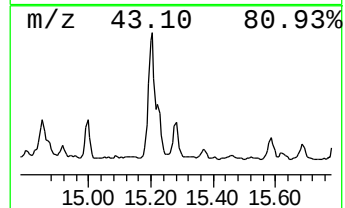
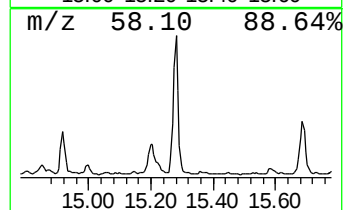
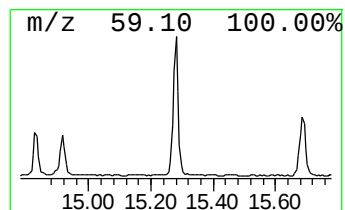
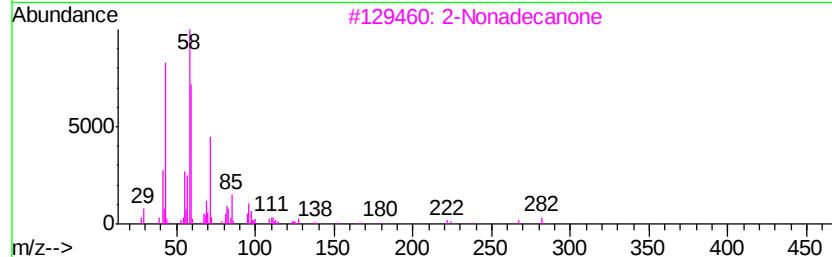
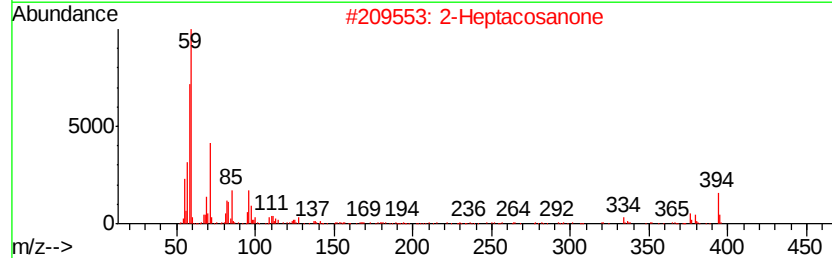
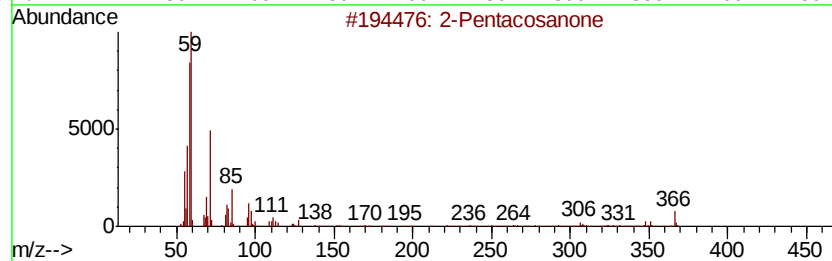
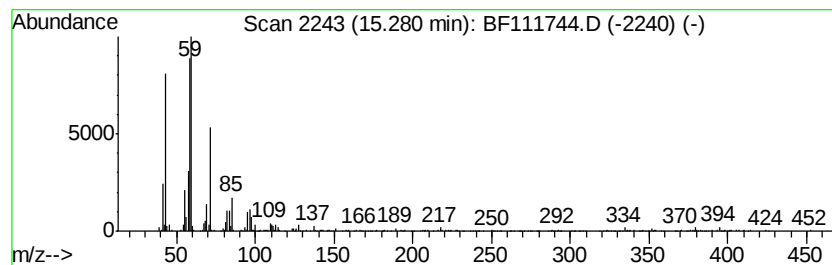
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Pentacosanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	32.71 ng	733862	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentacosanone	366	C25H50O	075207-54-4	86
2		2-Heptacosanone	394	C27H54O	007796-19-2	83
3		2-Nonadecanone	282	C19H38O	000629-66-3	64
4		2-Tridecanone	198	C13H26O	000593-08-8	53
5		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Sample : J6446-09
Misc :
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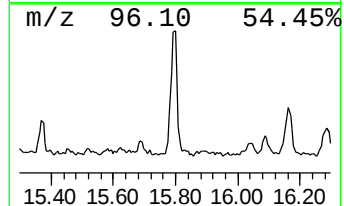
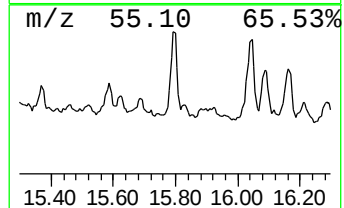
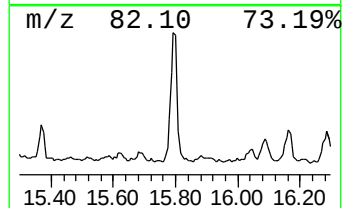
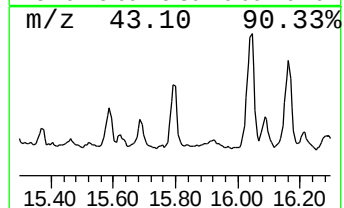
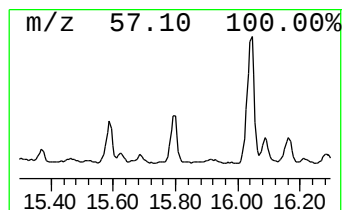
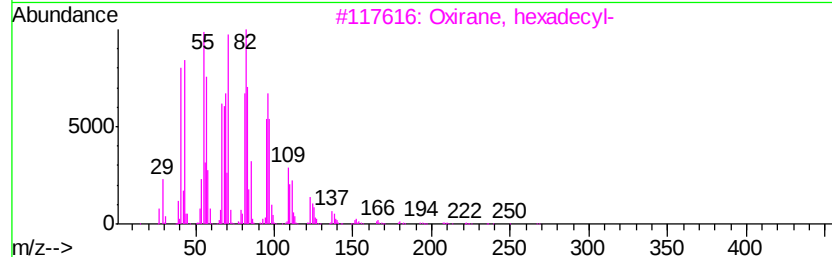
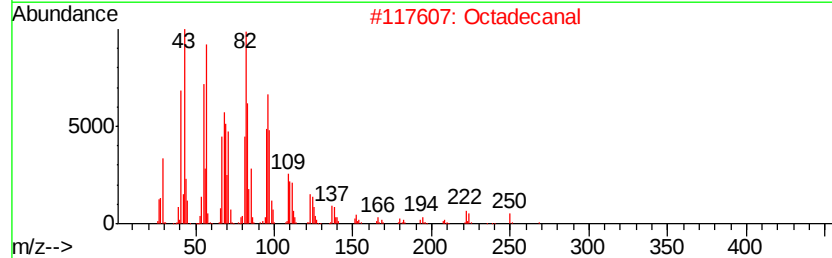
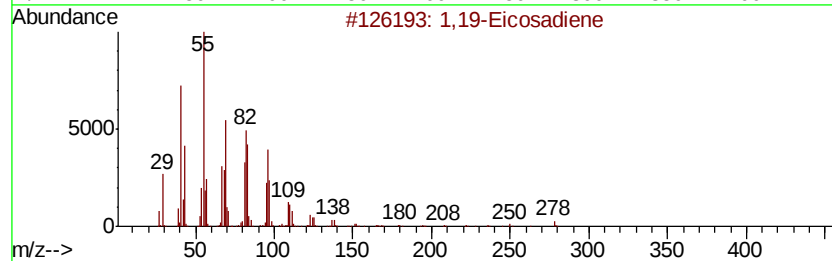
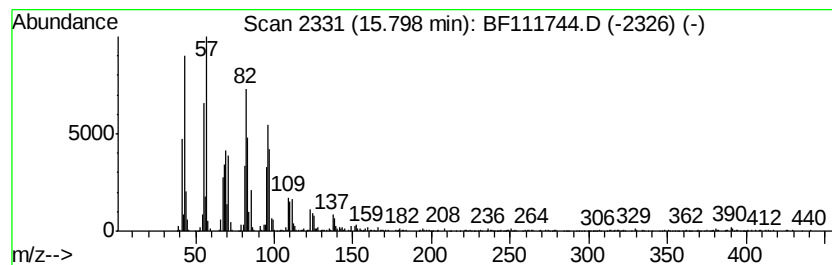
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,19-Eicosadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.80	56.87 ng	1275850	Perylene-d12	15.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
Sample : J6446-09
Misc :
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Instrument :
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ClientSampleId :
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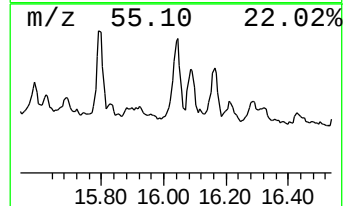
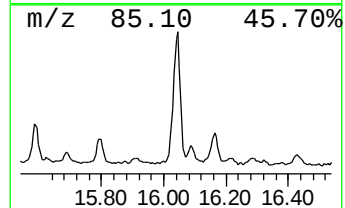
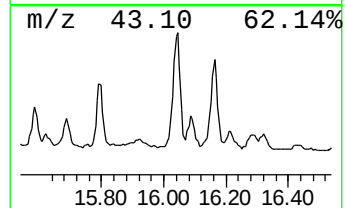
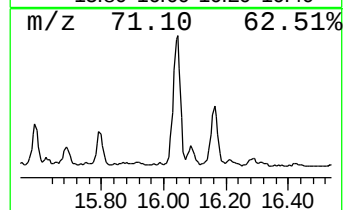
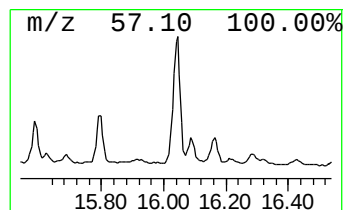
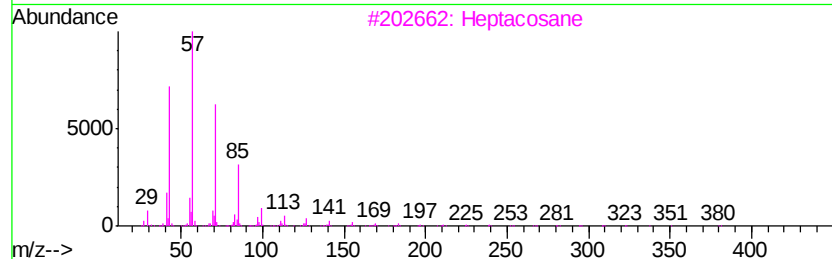
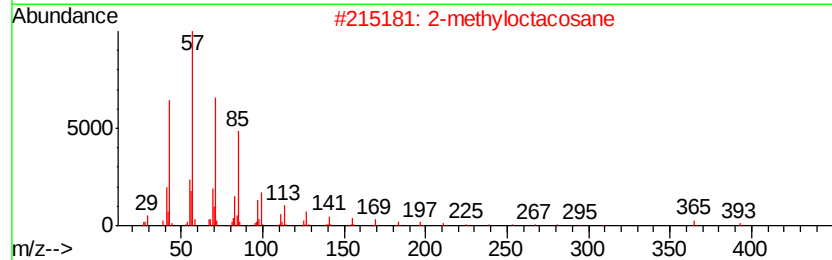
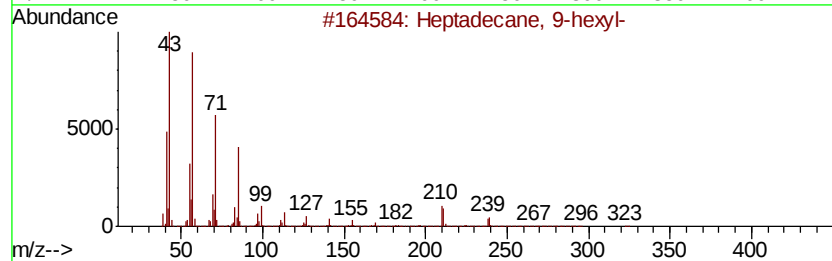
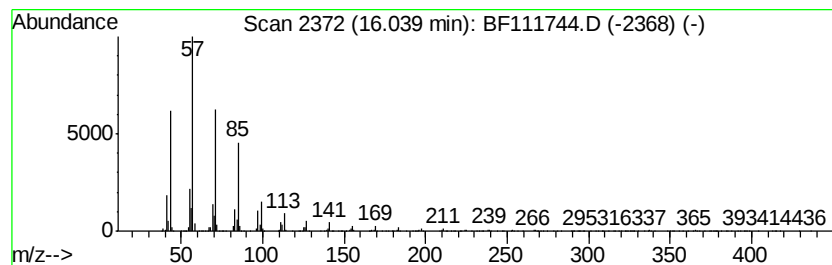
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 9-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	69.24 ng	1553440	Perylene-d12	15.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
Sample : J6446-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

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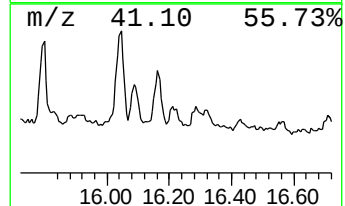
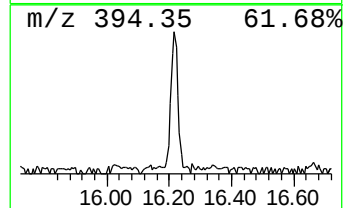
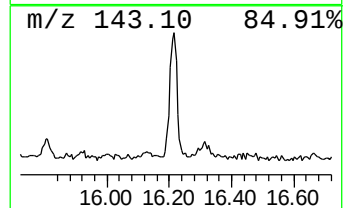
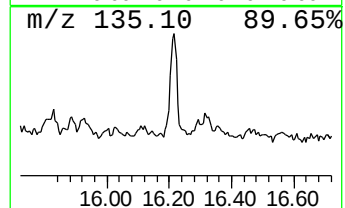
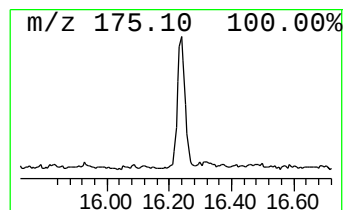
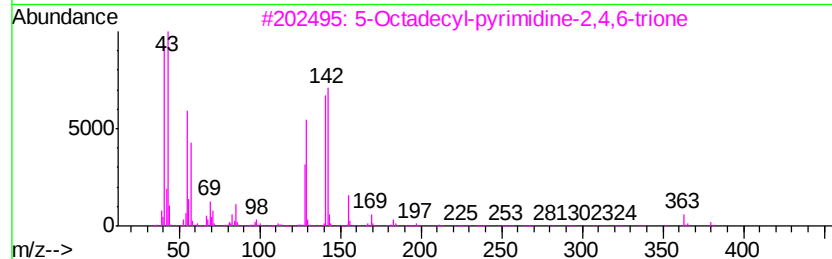
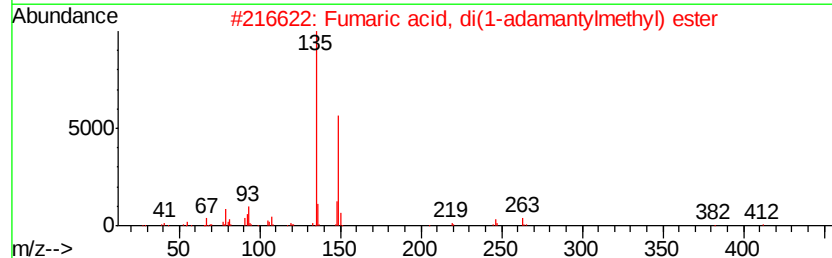
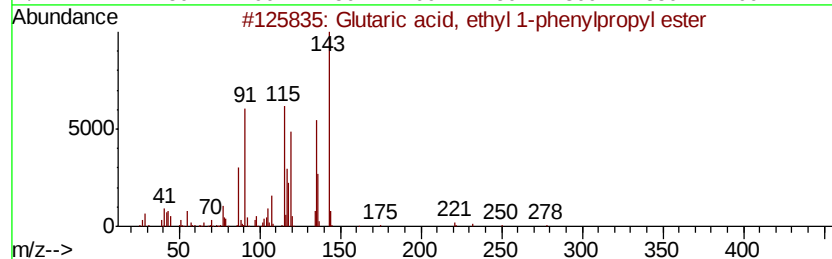
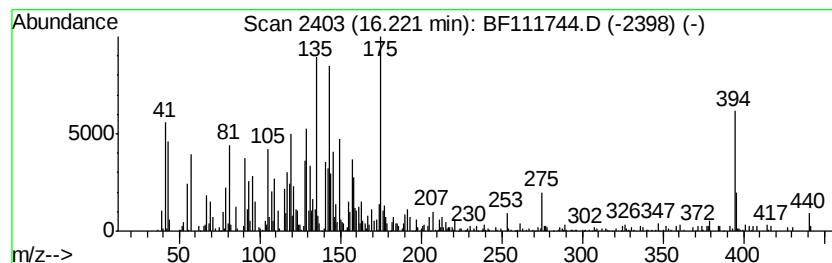
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.22 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	32.29 ng	724523	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Glutaric acid, ethyl 1-phenylpro...	278	C16H22O4	1000358-94-7	15
2		Fumaric acid, di(1-adamantylmeth...	412	C26H36O4	1000345-00-5	11
3		5-Octadecyl-pyrimidine-2,4,6-trione	380	C22H40N2O3	1000300-41-9	11
4		1H-Pyrazole, 5-chloro-1-methyl-3...	158	C7H11ClN2	1000319-90-4	11
5		1-Adamantan-1-ylmethyl-6-amino-1...	275	C15H21N3O2	1000297-13-5	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111744.D
Acq On : 27 Dec 2018 5:12
Operator : JU/SJ
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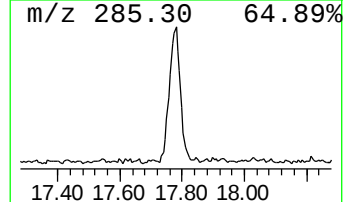
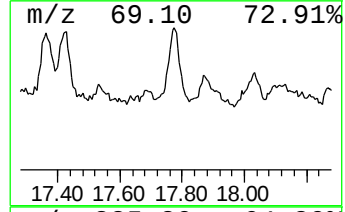
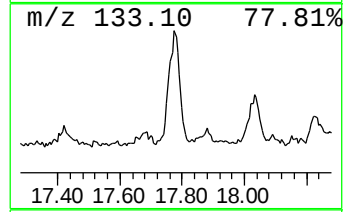
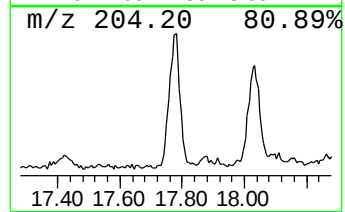
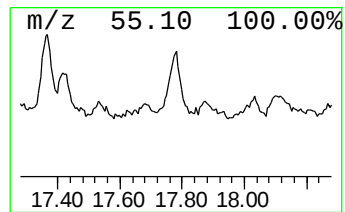
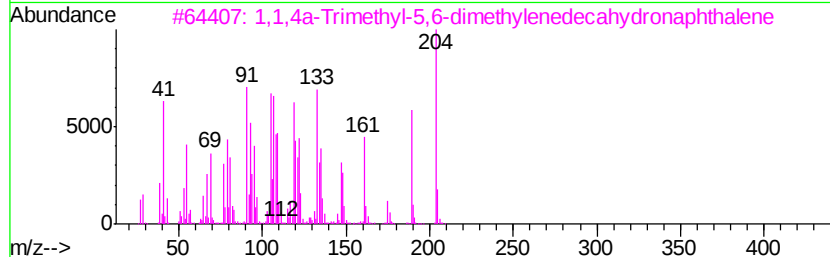
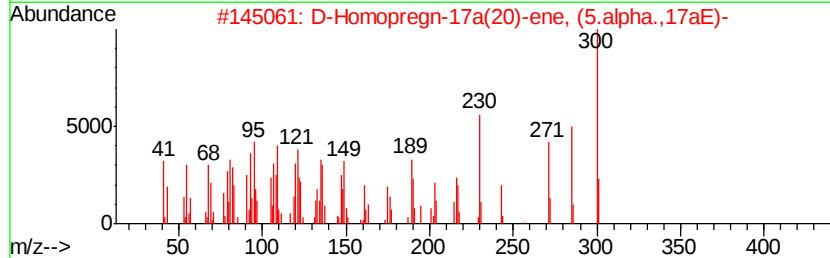
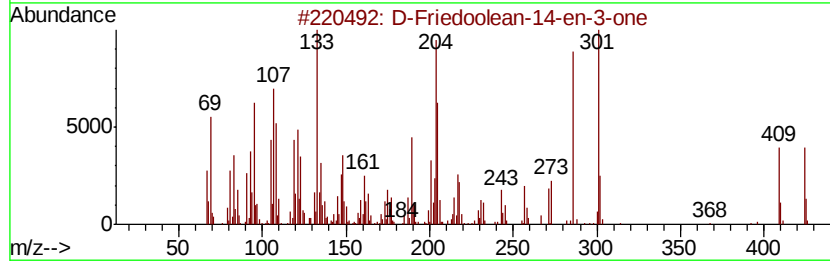
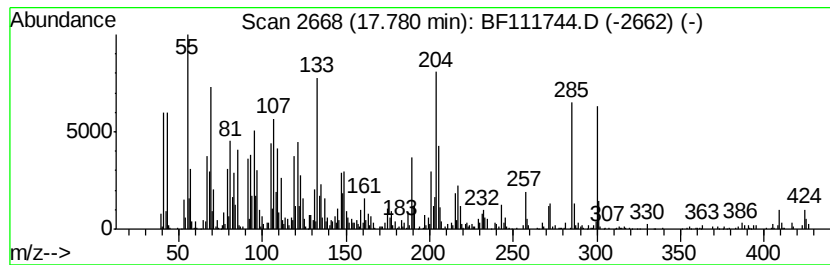
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 D-Friedoolean-14-en-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	73.83 ng	1656580	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	52
2		D-Homopregn-17a(20)-ene, (5.alpha...	300	C22H36	054482-44-9	45
3		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38
4		1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	30
5		[1,2,5]-Oxadiazolo[3,4-f]cinnoli...	204	C9H8N4O2	302604-99-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
 Data File : BF111744.D
 Acq On : 27 Dec 2018 5:12
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 Sample : J6446-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.68	6.68	57.0	ng	2350090	1	6.90	825353	20.0
1,1'-Biphenyl, 2,...	13.20	80.4	ng	2599880	5	14.07	646992	20.0
Heneicosane	13.24	38.5	ng	1245790	5	14.07	646992	20.0
2,3,3',4',5,6-Hex...	13.39	67.0	ng	2167550	5	14.07	646992	20.0
1,1'-Biphenyl, 2,...	13.50	34.2	ng	1105790	5	14.07	646992	20.0
2,2',3,4,4',6,6'-...	13.71	44.0	ng	1424710	5	14.07	646992	20.0
Cyclooctacosane	13.91	251.4	ng	8134230	5	14.07	646992	20.0
Octadecane	14.54	267.9	ng	8665880	5	14.07	646992	20.0
17-Octadecenal	15.00	50.7	ng	1137040	6	15.56	448726	20.0
Nonacosane	15.20	153.3	ng	3439700	6	15.56	448726	20.0
2-Pentacosanone	15.28	32.7	ng	733862	6	15.56	448726	20.0
1,19-Eicosadiene	15.80	56.9	ng	1275850	6	15.56	448726	20.0
Heptadecane, 9-he...	16.04	69.2	ng	1553440	6	15.56	448726	20.0
unknown16.22	16.22	32.3	ng	724523	6	15.56	448726	20.0
D-Friedoolean-14-...	17.78	73.8	ng	1656580	6	15.56	448726	20.0