

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
 Data File : BF111741.D
 Acq On : 27 Dec 2018 3:51
 Operator : JU/SJ
 Sample : J6446-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0006-01

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	2.205	16	20	30	rVB	47946	75383	1.70%	0.119%
2	3.446	228	231	242	rBV	24672	49838	1.12%	0.079%
3	4.010	321	327	332	rBV	246080	315790	7.12%	0.500%
4	5.122	512	516	523	rBV	182333	222436	5.02%	0.353%
5	5.540	578	587	590	rBV	2973453	2996750	67.61%	4.750%
6	6.545	753	758	767	rBV	3100237	3141223	70.87%	4.979%
7	6.681	776	781	784	rBV	3436983	2944762	66.44%	4.667%
8	6.904	815	819	826	rBV	1091704	846794	19.10%	1.342%
9	7.063	842	846	849	rVB	2838348	2332917	52.63%	3.697%
10	7.463	909	914	917	rBV	1932503	1709397	38.57%	2.709%
11	7.898	982	988	991	rBV2	55065	80448	1.81%	0.128%
12	8.187	1033	1037	1040	rBV	1144609	910087	20.53%	1.442%
13	9.257	1215	1219	1223	rBV	3364848	2949456	66.54%	4.675%
14	9.357	1232	1236	1239	rVB3	46521	66355	1.50%	0.105%
15	9.392	1239	1242	1249	rVB	106192	100868	2.28%	0.160%
16	9.651	1282	1286	1291	rVB	725326	696581	15.72%	1.104%
17	9.851	1317	1320	1326	rVB4	41396	50703	1.14%	0.080%
18	9.939	1332	1335	1339	rVB	1115747	948574	21.40%	1.503%
19	10.063	1352	1356	1361	rVB2	44331	51784	1.17%	0.082%
20	10.351	1400	1405	1407	rBV2	40679	51773	1.17%	0.082%
21	10.728	1465	1469	1473	rBV	2067996	1953405	44.07%	3.096%
22	10.939	1498	1505	1508	rBV6	48971	92667	2.09%	0.147%
23	10.969	1508	1510	1513	rVV	89774	72686	1.64%	0.115%
24	11.039	1517	1522	1525	rBV3	54475	61280	1.38%	0.097%
25	11.075	1525	1528	1529	rVV3	69469	78479	1.77%	0.124%
26	11.128	1533	1537	1542	rVV5	62747	91232	2.06%	0.145%
27	11.428	1585	1588	1591	rBV	1143526	958211	21.62%	1.519%
28	11.475	1594	1596	1599	rVB2	201882	192360	4.34%	0.305%
29	11.539	1604	1607	1610	rBV	119837	100313	2.26%	0.159%
30	11.580	1612	1614	1618	rVB2	55425	52285	1.18%	0.083%
31	11.645	1620	1625	1630	rBV	149070	180846	4.08%	0.287%
32	11.722	1635	1638	1642	rBV4	38738	46546	1.05%	0.074%
33	11.927	1668	1673	1674	rBV4	53595	84463	1.91%	0.134%
34	11.951	1674	1677	1683	rVB2	366113	358125	8.08%	0.568%

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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

35	12.039	1689	1692	1695	rBV	193521	162321	3.66%	0.257%
36	12.075	1695	1698	1701	rVV3	148738	137974	3.11%	0.219%
37	12.104	1701	1703	1705	rVV	66102	54988	1.24%	0.087%
38	12.127	1705	1707	1711	rVB3	83325	78294	1.77%	0.124%
39	12.210	1718	1721	1729	rVB4	150891	252996	5.71%	0.401%
40	12.286	1732	1734	1737	rVV2	94437	84895	1.92%	0.135%
41	12.374	1747	1749	1753	rVB3	69101	60054	1.35%	0.095%
42	12.463	1762	1764	1768	rBV2	88929	102501	2.31%	0.162%
43	12.516	1770	1773	1775	rVV	198879	204286	4.61%	0.324%
44	12.557	1775	1780	1786	rVB2	629552	775112	17.49%	1.228%
45	12.692	1799	1803	1807	rVB3	215345	218194	4.92%	0.346%
46	12.733	1807	1810	1814	rBV	686358	636041	14.35%	1.008%
47	12.774	1814	1817	1820	rVB2	73201	78596	1.77%	0.125%
48	12.886	1831	1836	1844	rVB3	229449	302302	6.82%	0.479%
49	12.951	1845	1847	1850	rVB	107677	87747	1.98%	0.139%
50	13.010	1853	1857	1862	rVB	3278058	3221556	72.68%	5.106%
51	13.104	1870	1873	1876	rBV	611551	548503	12.37%	0.869%
52	13.133	1876	1878	1883	rVV2	257736	324759	7.33%	0.515%
53	13.198	1886	1889	1894	rVV2	1661228	1777619	40.10%	2.817%
54	13.239	1894	1896	1900	rVB2	634382	624853	14.10%	0.990%
55	13.280	1901	1903	1906	rBV3	107461	98733	2.23%	0.156%
56	13.333	1910	1912	1917	rBV2	217435	253657	5.72%	0.402%
57	13.392	1918	1922	1924	rBV	1837676	1524049	34.38%	2.415%
58	13.422	1924	1927	1929	rVV	431431	315167	7.11%	0.500%
59	13.492	1936	1939	1944	rBV2	744586	769375	17.36%	1.219%
60	13.557	1947	1950	1952	rBV3	196608	207390	4.68%	0.329%
61	13.604	1952	1958	1962	rVV2	1073630	1571557	35.46%	2.491%
62	13.639	1962	1964	1967	rVB2	151146	119849	2.70%	0.190%
63	13.704	1972	1975	1979	rVB2	962956	980420	22.12%	1.554%
64	13.751	1980	1983	1986	rBV	428853	338939	7.65%	0.537%
65	13.816	1992	1994	1997	rBV2	110228	86280	1.95%	0.137%
66	13.904	2004	2009	2017	rBV4	2474165	4432434	100.00%	7.025%
67	14.033	2028	2031	2032	rBV	134016	129499	2.92%	0.205%
68	14.069	2034	2037	2039	rVV	902286	773141	17.44%	1.225%
69	14.104	2039	2043	2046	rVB	1432750	1307969	29.51%	2.073%
70	14.174	2052	2055	2057	rBV	223654	194454	4.39%	0.308%
71	14.227	2061	2064	2069	rVV2	388999	527293	11.90%	0.836%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	14.274	2070	2072	2076	rVB2	170648	158500	3.58%	0.251%
73	14.316	2076	2079	2082	rBV	595786	594975	13.42%	0.943%
74	14.351	2082	2085	2090	rVV2	495407	615213	13.88%	0.975%
75	14.410	2092	2095	2097	rBV2	260220	235422	5.31%	0.373%
76	14.539	2113	2117	2123	rBV	4040297	4380140	98.82%	6.942%
77	14.780	2156	2158	2163	rBV3	203084	275815	6.22%	0.437%
78	14.827	2163	2166	2167	rBV	172599	178957	4.04%	0.284%
79	14.992	2191	2194	2198	rVB	800019	812074	18.32%	1.287%
80	15.198	2224	2229	2232	rBV	1939623	2639408	59.55%	4.183%
81	15.274	2239	2242	2254	rVB	333178	474361	10.70%	0.752%
82	15.557	2286	2290	2293	rBV	443843	601527	13.57%	0.953%
83	15.792	2325	2330	2334	rBV	948526	1298296	29.29%	2.058%
84	16.033	2367	2371	2376	rVB	798856	1187874	26.80%	1.883%
85	16.157	2389	2392	2397	rVB	368189	497659	11.23%	0.789%
86	16.857	2506	2511	2516	rVB	504426	916163	20.67%	1.452%

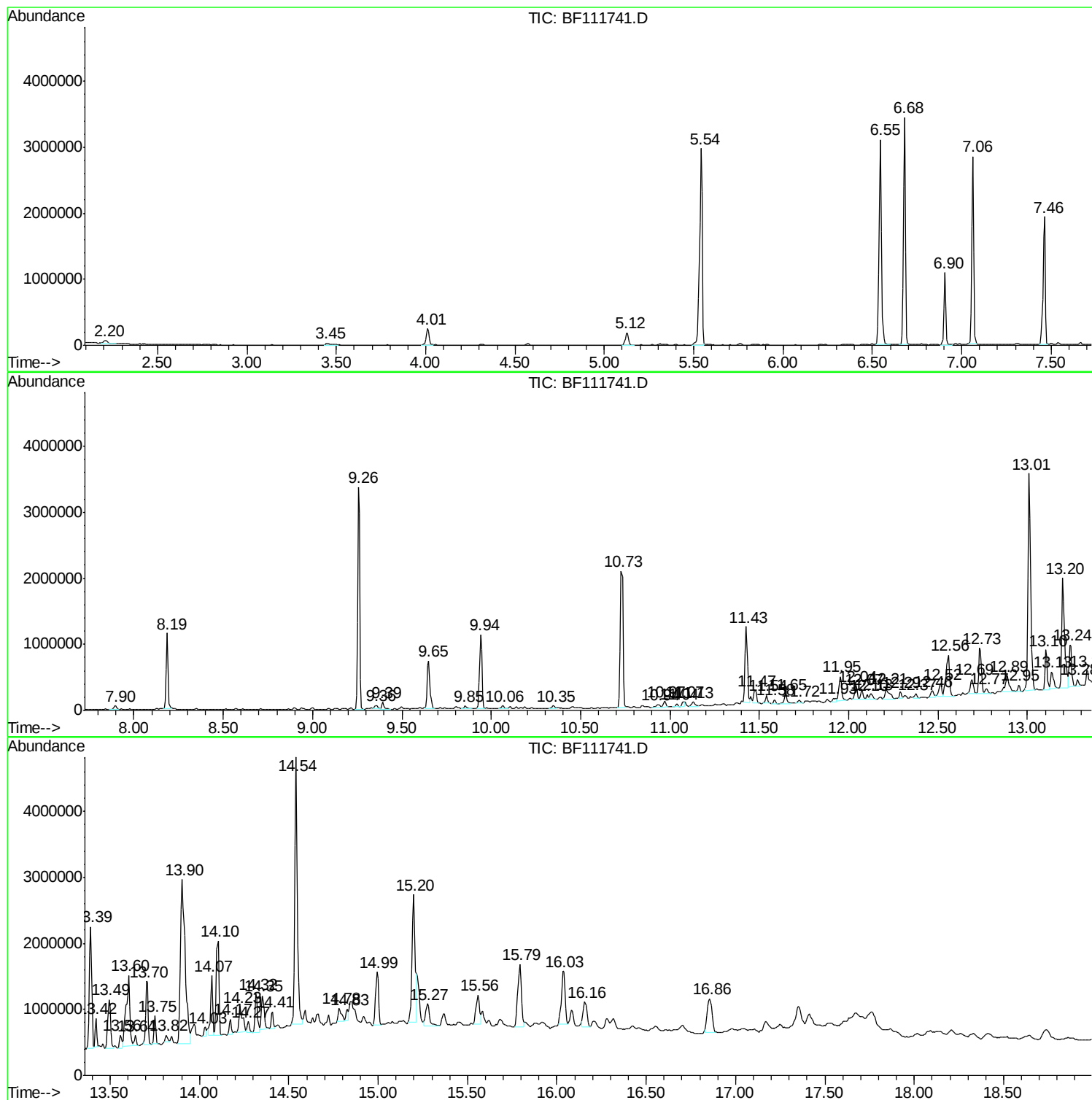
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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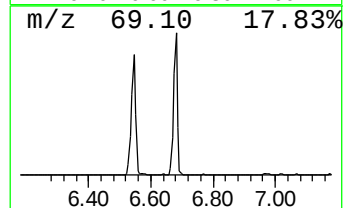
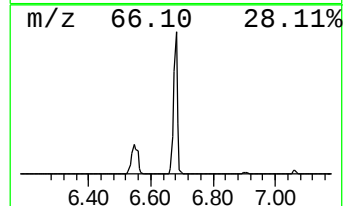
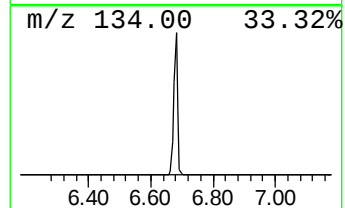
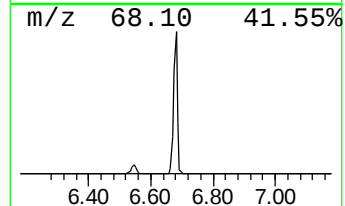
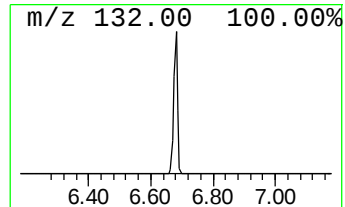
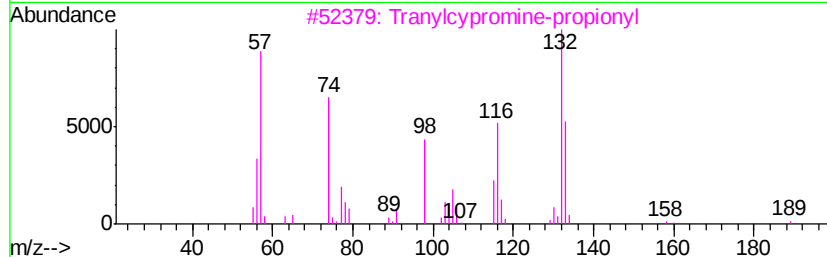
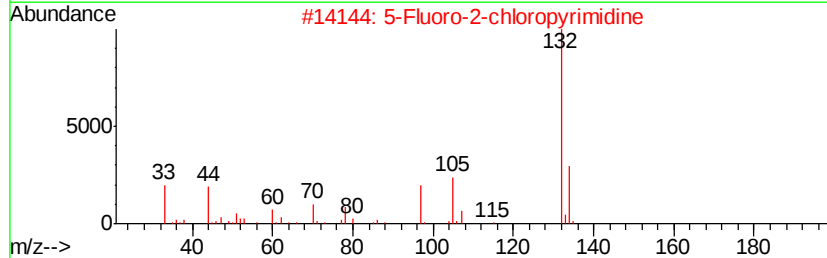
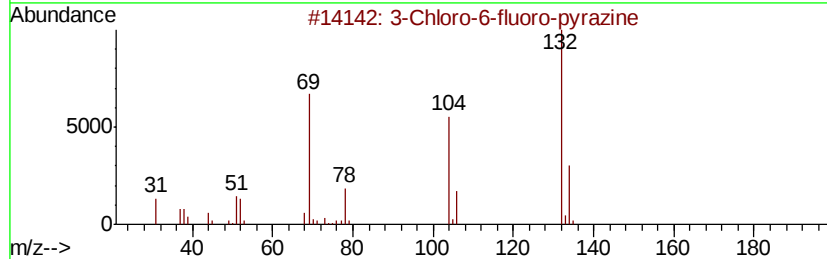
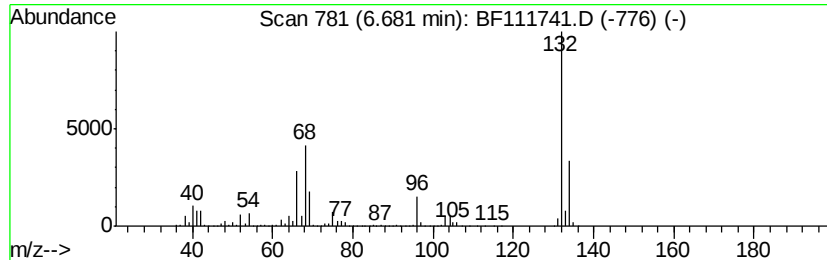
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	69.55 ng	2944760	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	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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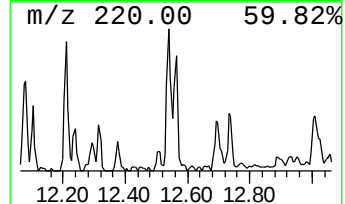
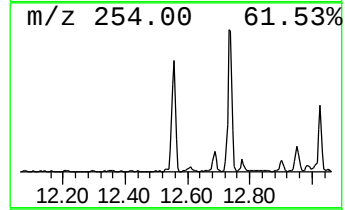
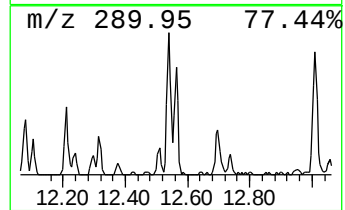
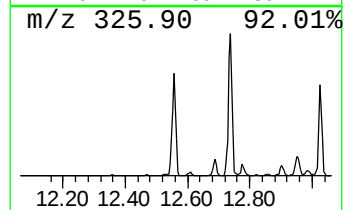
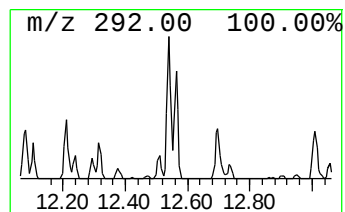
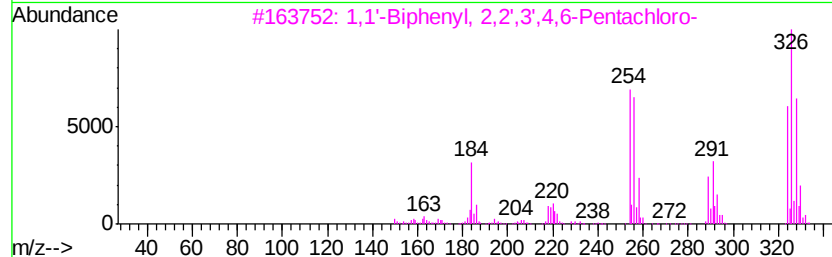
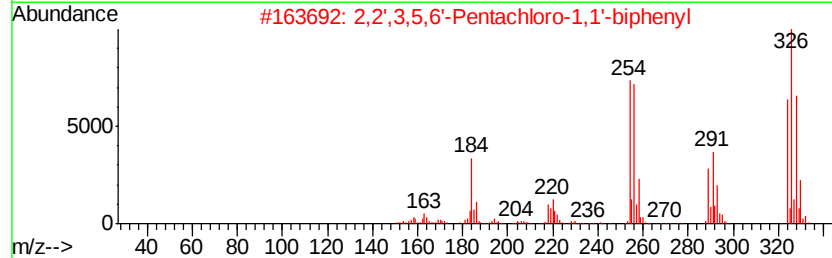
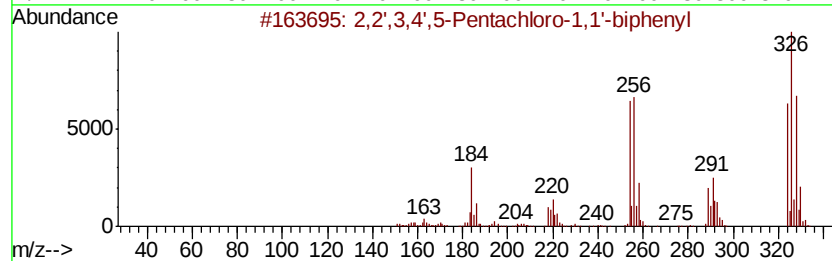
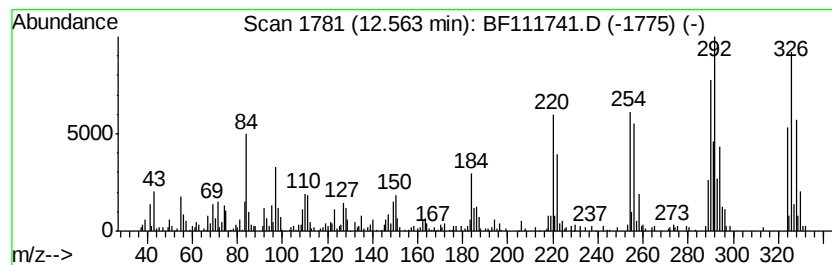
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.56	16.18 ng	775112	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
2	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-55-0	99
3	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99



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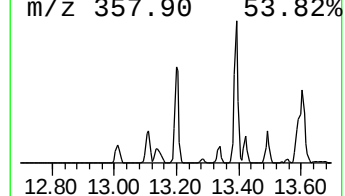
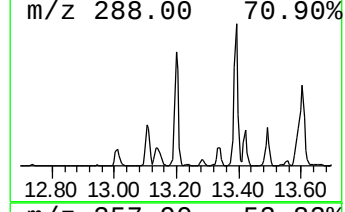
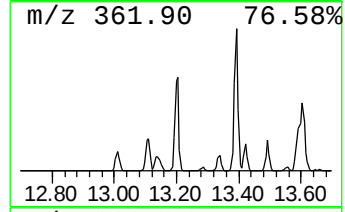
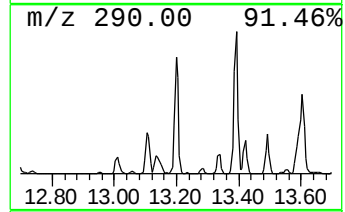
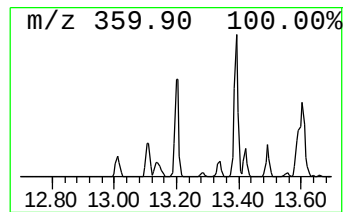
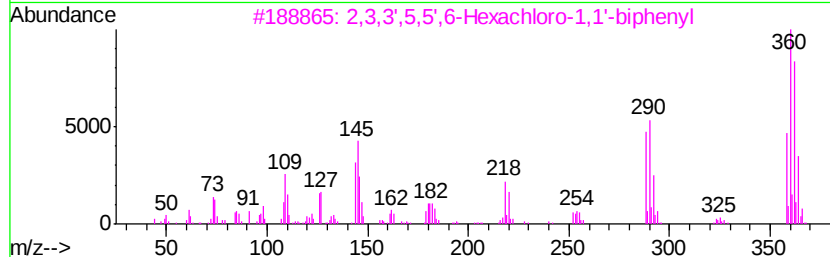
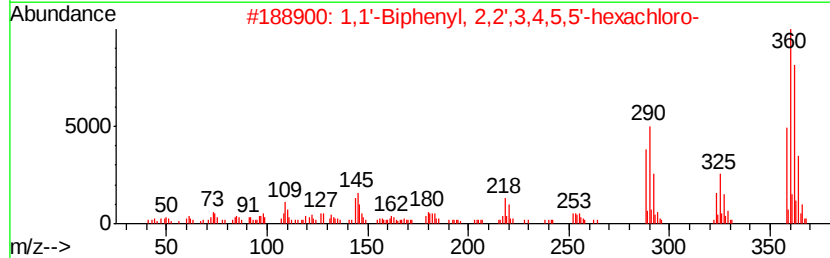
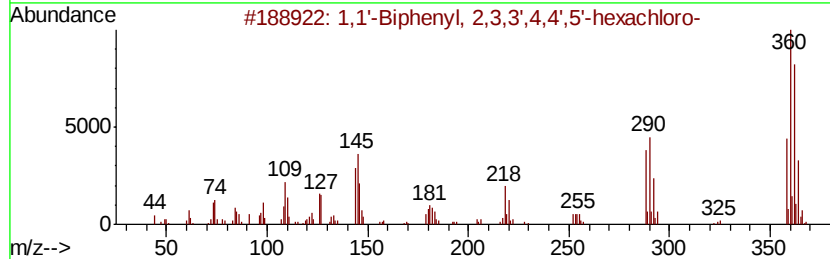
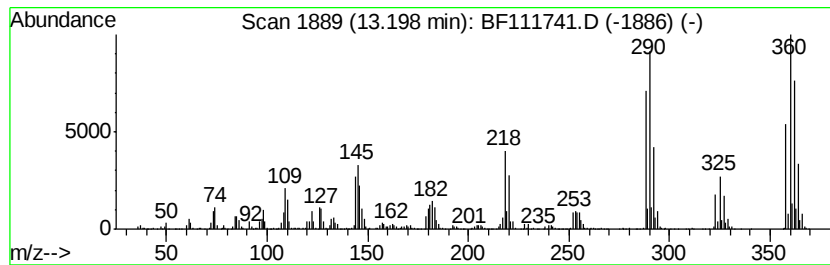
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	45.98 ng	1777620	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
2		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3		2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
4		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99



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ClientSampleId :
P001-SS026-0006-01

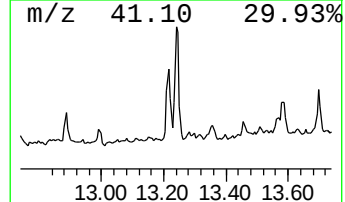
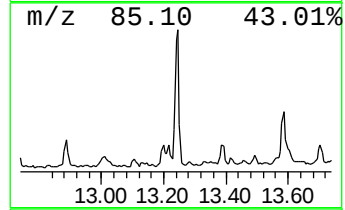
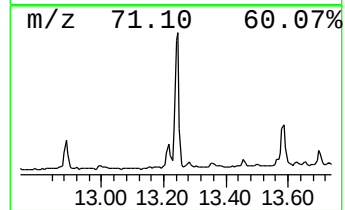
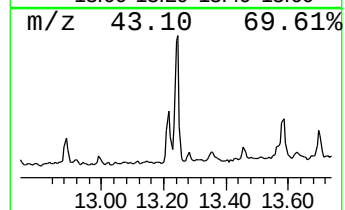
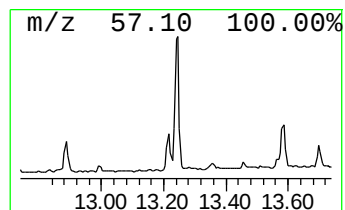
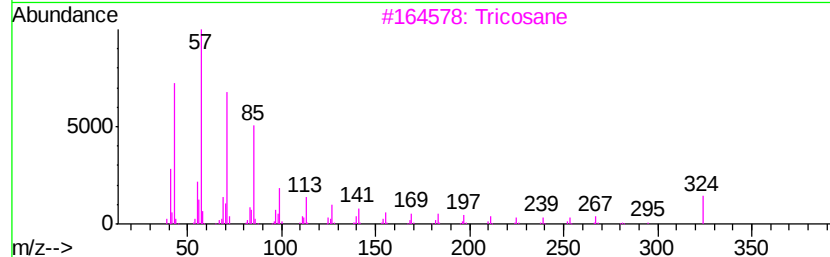
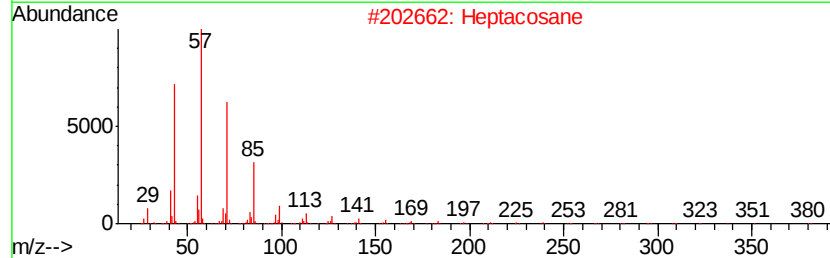
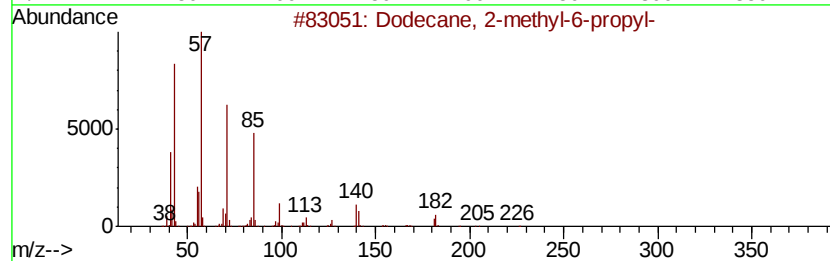
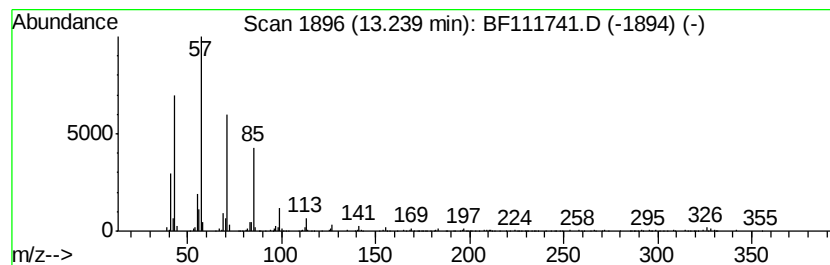
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	16.16 ng	624853	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93	
2	Heptacosane	380	C27H56	000593-49-7	87	
3	Tricosane	324	C23H48	000638-67-5	81	
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	78	
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	74	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111741.D
Acq On : 27 Dec 2018 3:51
Operator : JU/SJ
Sample : J6446-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS026-0006-01

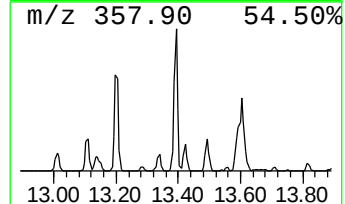
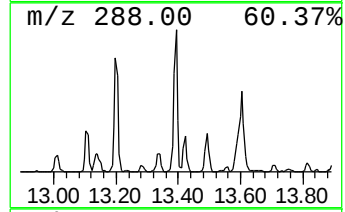
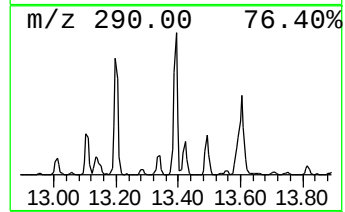
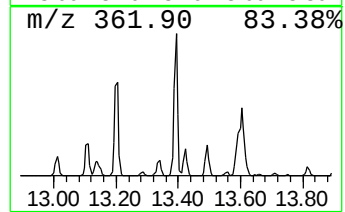
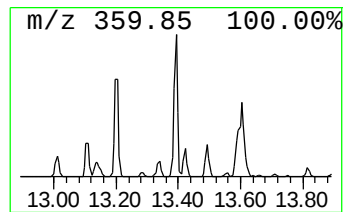
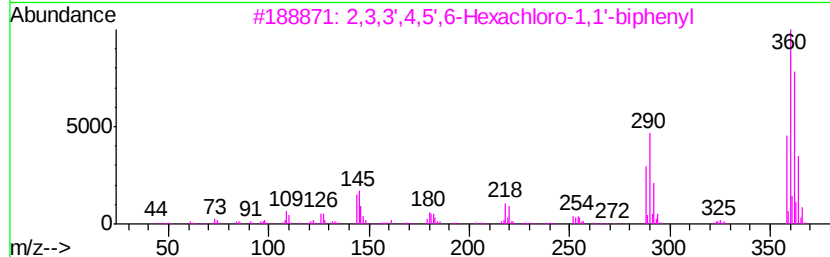
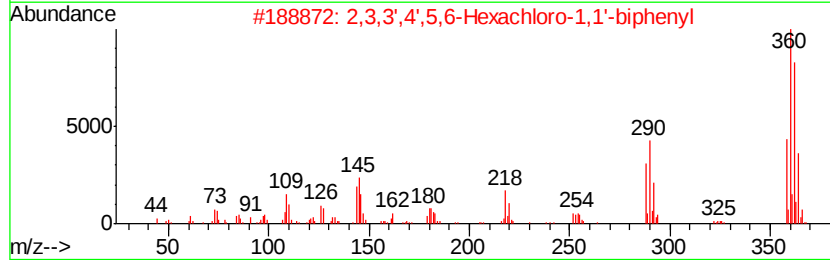
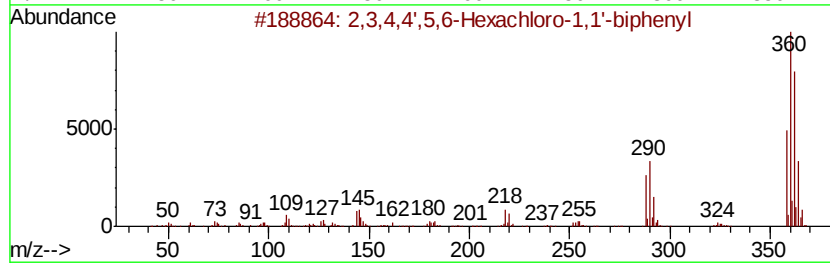
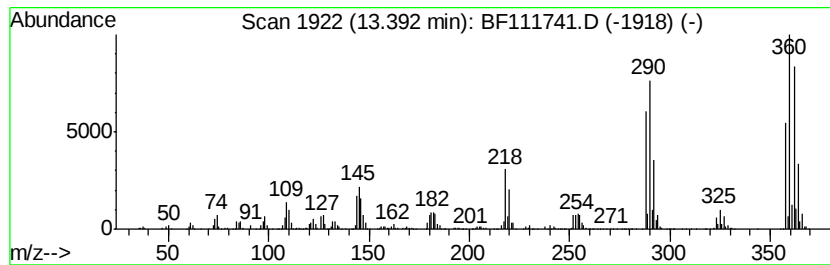
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	39.42 ng	1524050	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
2		2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99
3		2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
4		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
5		2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111741.D
Acq On : 27 Dec 2018 3:51
Operator : JU/SJ
Sample : J6446-03
Misc :
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Instrument :
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ClientSampleId :
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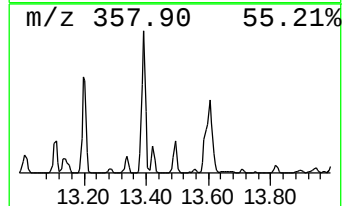
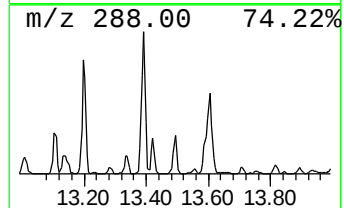
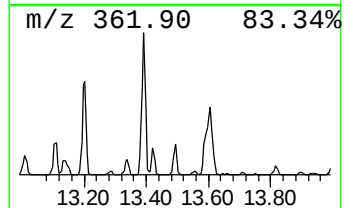
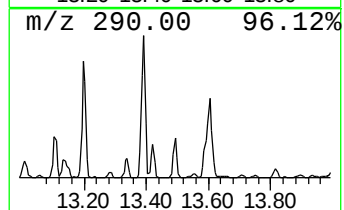
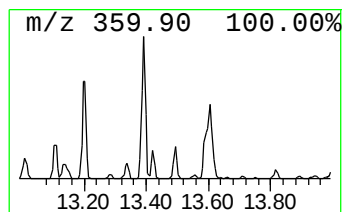
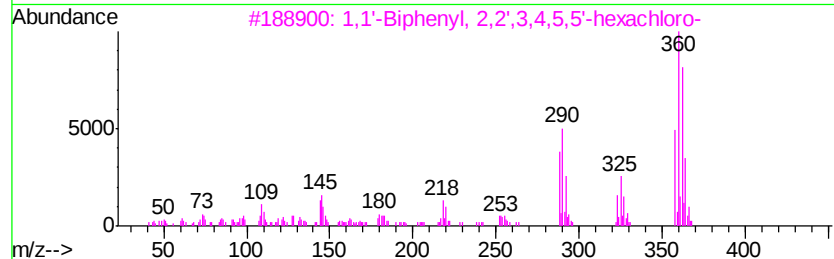
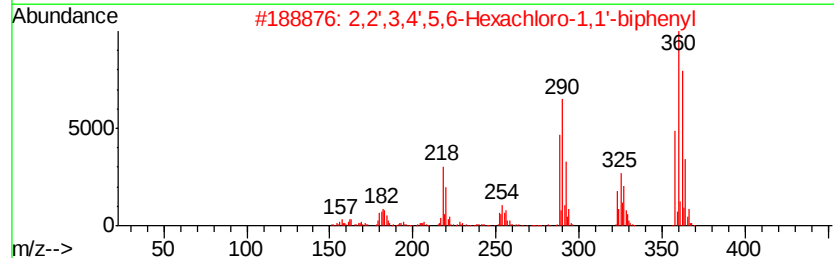
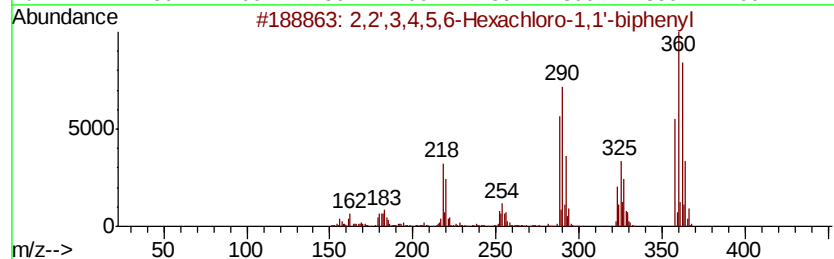
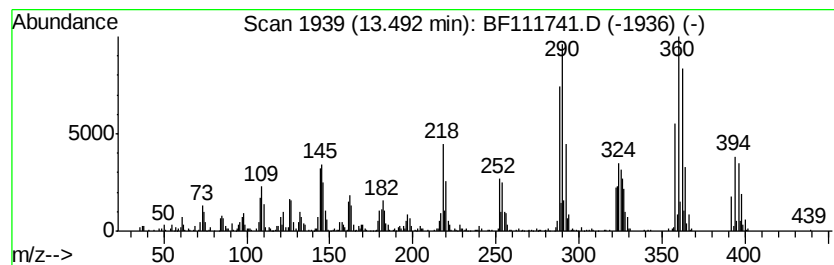
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,2',3,4,5,6-Hexachloro-1,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	19.90 ng	769375	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2		2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
3		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111741.D
Acq On : 27 Dec 2018 3:51
Operator : JU/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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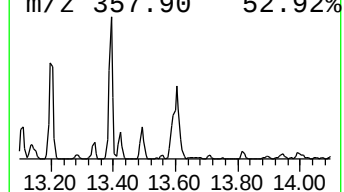
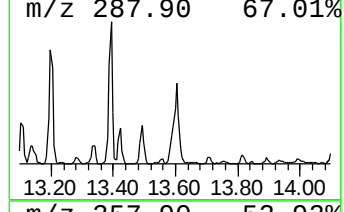
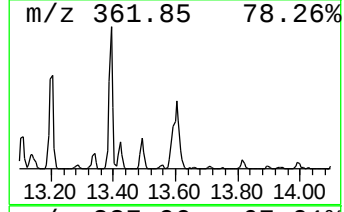
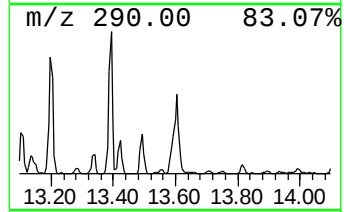
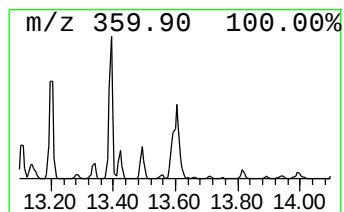
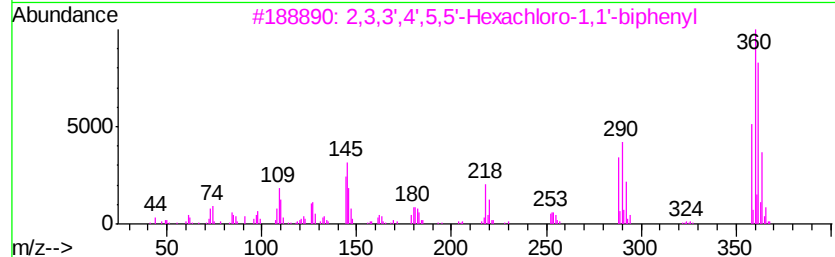
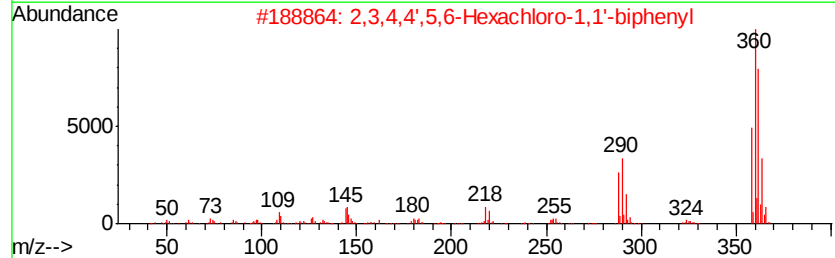
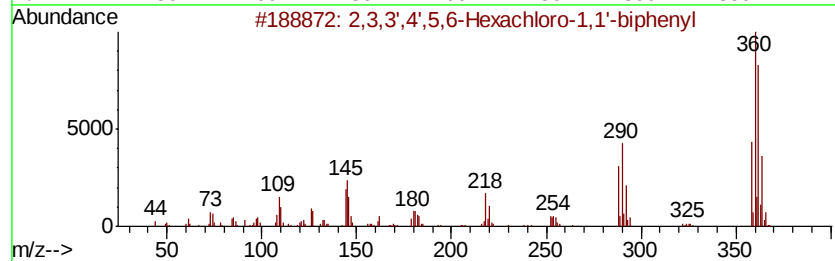
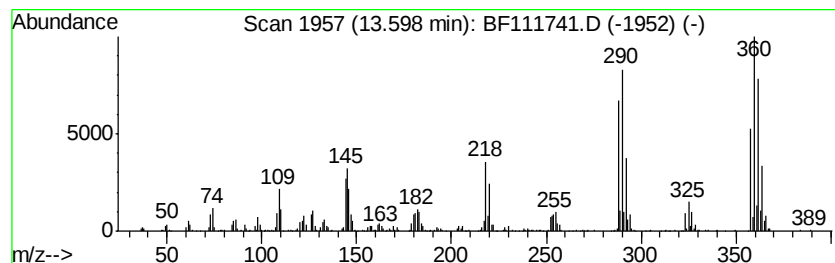
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	40.65 ng	1571560	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		1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111741.D
Acq On : 27 Dec 2018 3:51
Operator : JU/SJ
Sample : J6446-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

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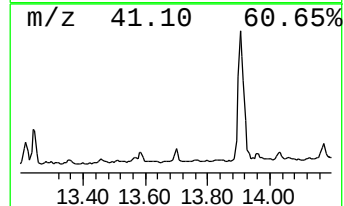
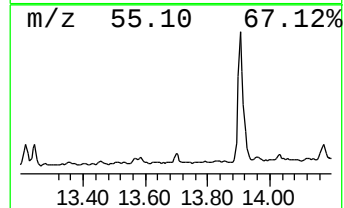
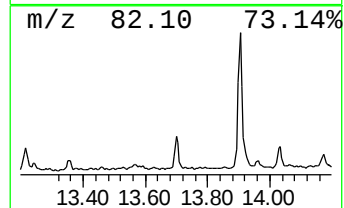
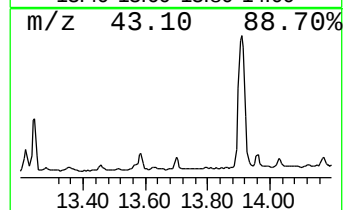
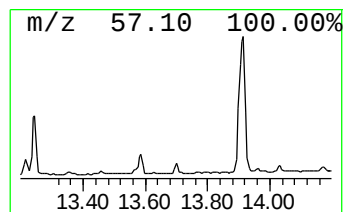
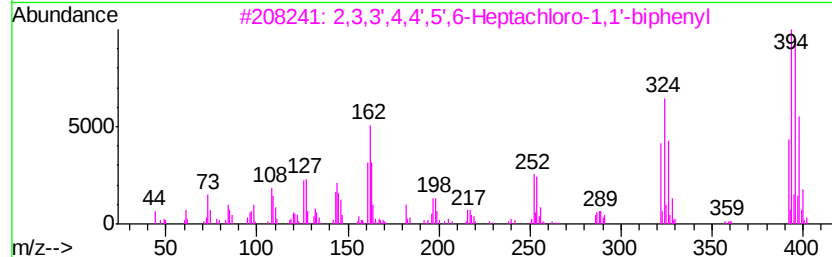
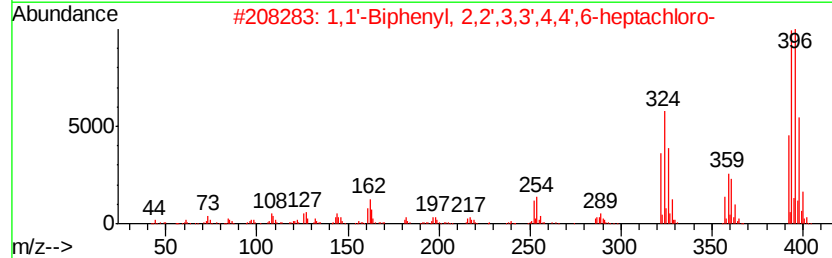
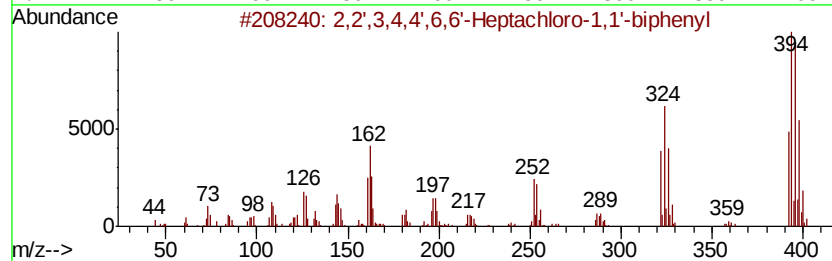
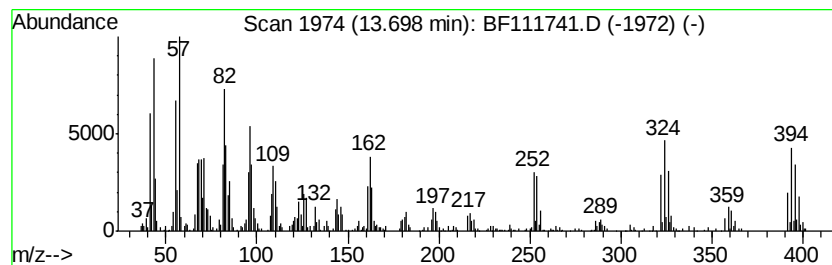
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,2',3,4,4',6,6'-Heptachlor... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	25.36 ng	980420	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		1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
3		2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
4		1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99
5		1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111741.D
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Operator : JU/SJ
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ALS Vial : 23 Sample Multiplier: 1

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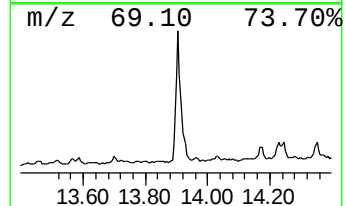
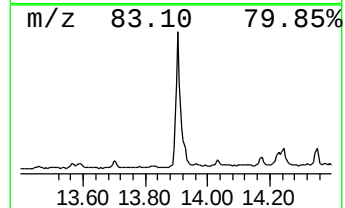
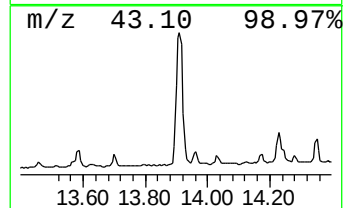
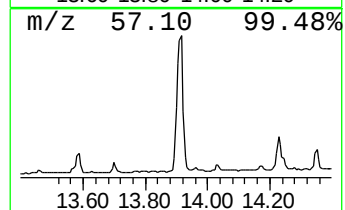
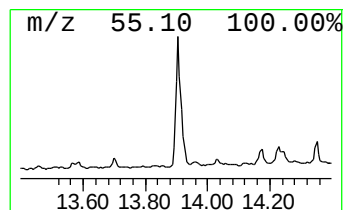
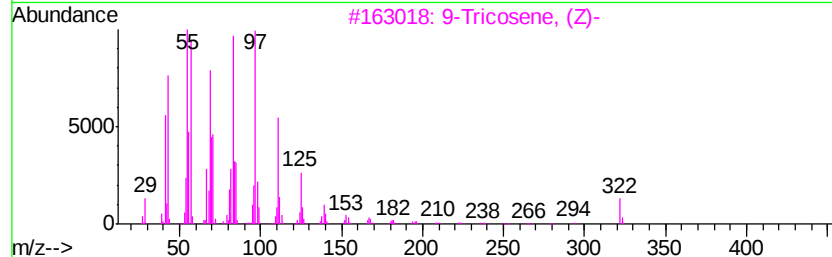
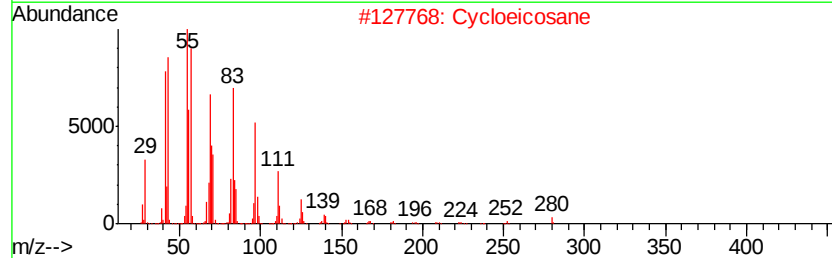
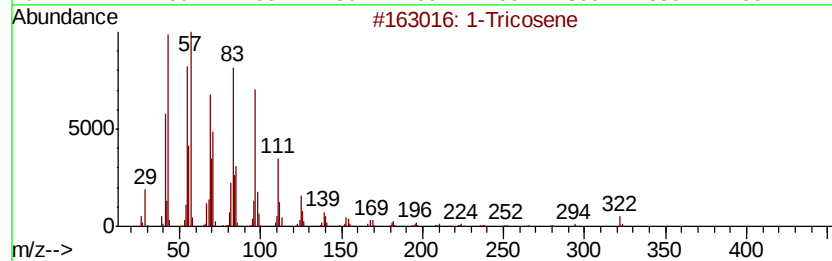
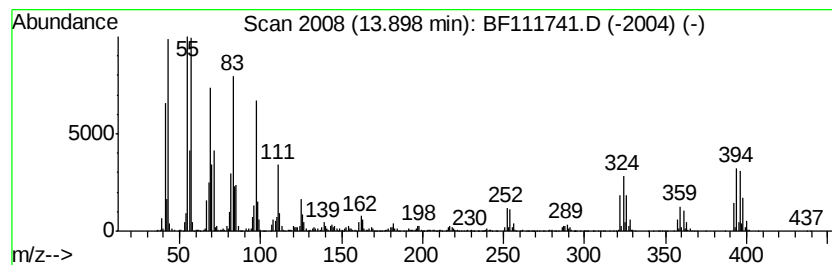
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Tricosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	114.66 ng	4432430	Chrysene-d12	14.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene		322	C23H46	018835-32-0	99
2	Cycloeicosane		280	C20H40	000296-56-0	98
3	9-Tricosene, (Z)-		322	C23H46	027519-02-4	96
4	Heptafluorobutyric acid, n-octadecyl-		466	C22H37F7O2	000400-57-7	94
5	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94



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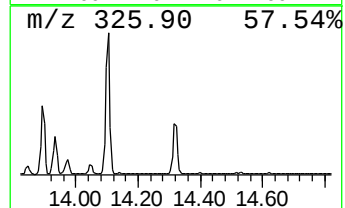
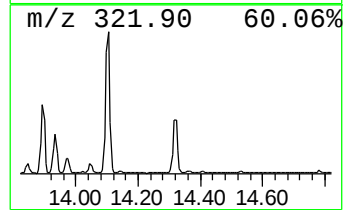
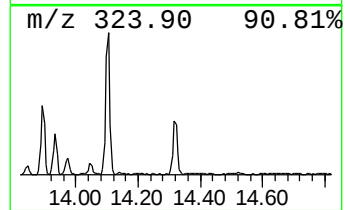
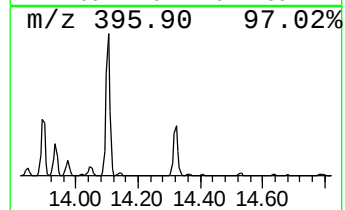
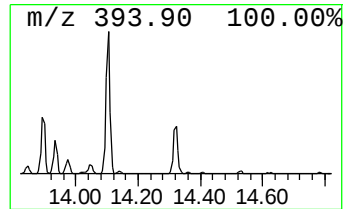
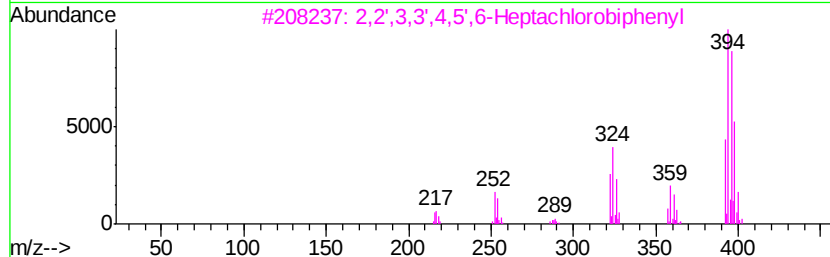
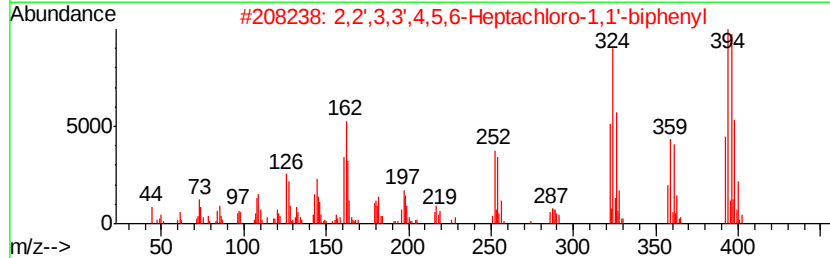
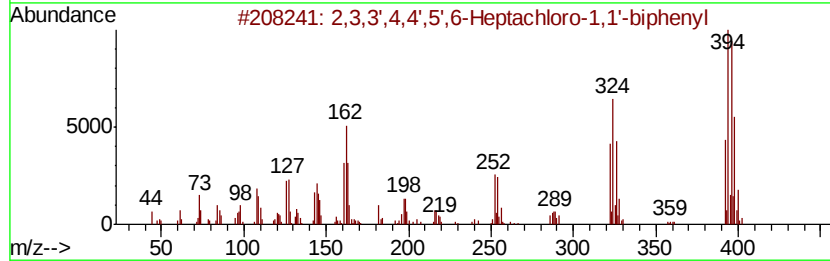
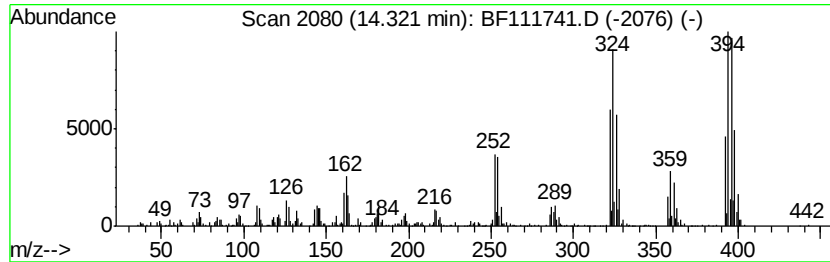
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,3,3',4,4',5',6-Heptachlor... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.32	15.39 ng	594975	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99	
2	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99	
3	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99	
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99	
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99	



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Acq On : 27 Dec 2018 3:51
Operator : JU/SJ
Sample : J6446-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

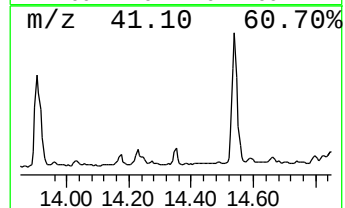
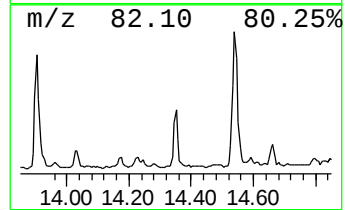
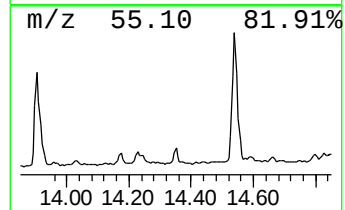
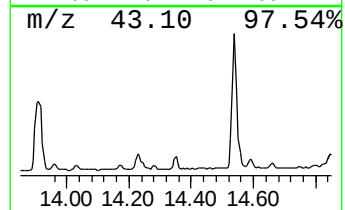
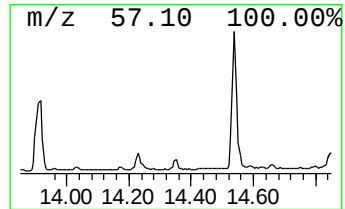
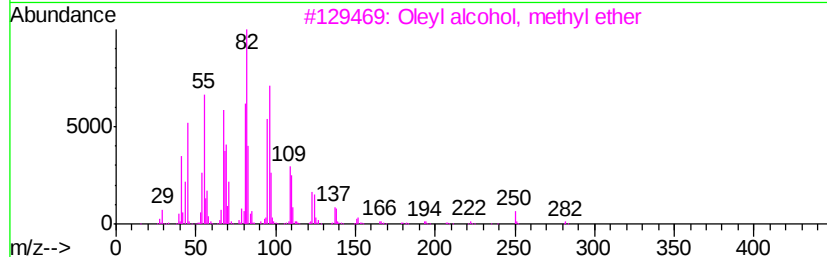
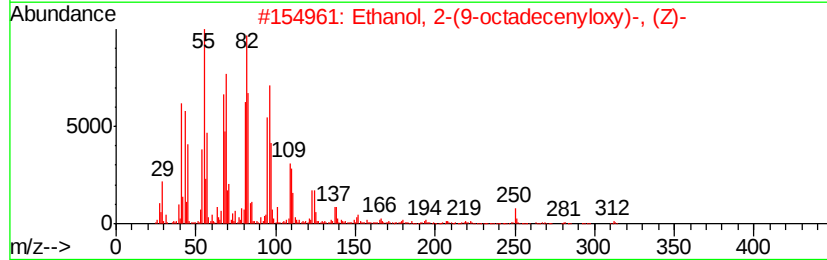
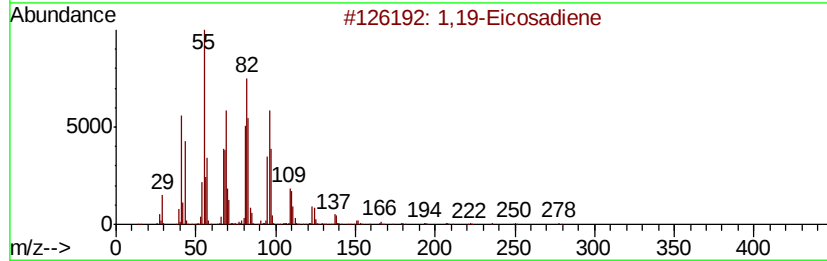
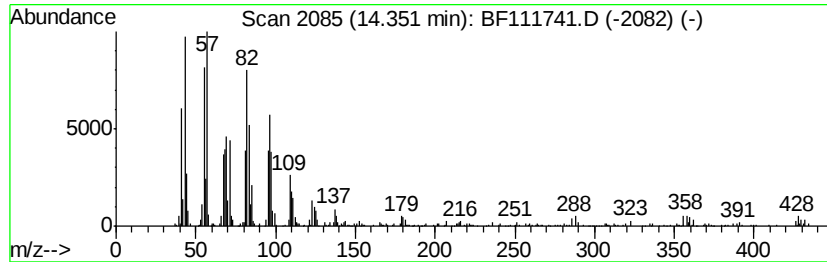
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,19-Eicosadiene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	15.91 ng	615213	Chrysene-d12	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene	278 C20H38	014811-95-1	95
2	Ethanol, 2-(9-octadecenyloxy)-, ...	312 C20H40O2	005353-25-3	94
3	Oleyl alcohol, methyl ether	282 C19H38O	1000352-68-0	93
4	Octadecanal	268 C18H36O	000638-66-4	91
5	18-Nonadecen-1-ol	282 C19H38O	1000142-89-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Sample : J6446-03
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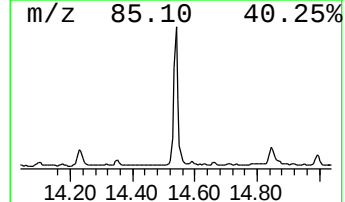
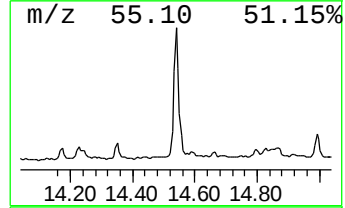
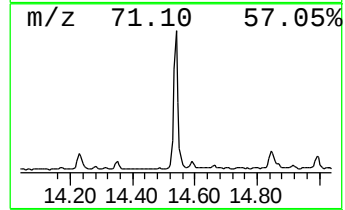
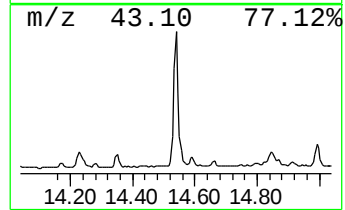
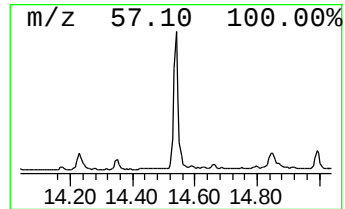
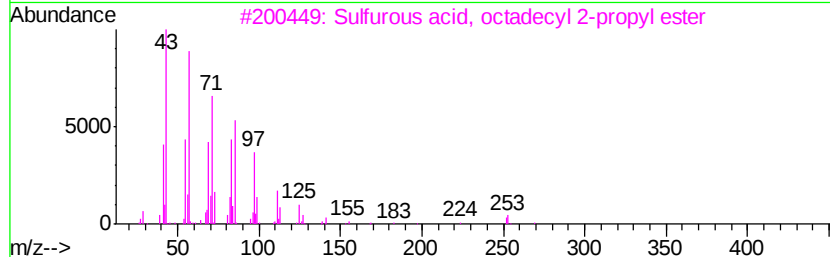
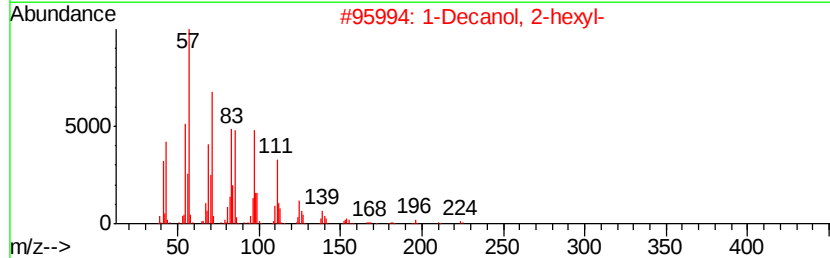
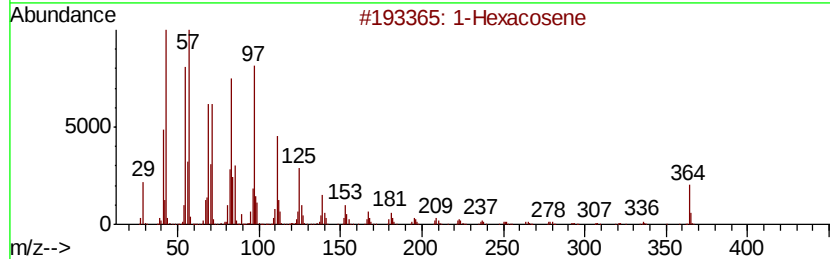
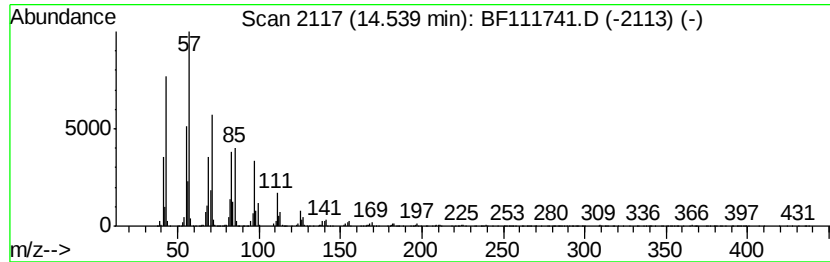
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	113.31 ng	4380140	Chrysene-d12	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexacosene		364 C26H52	018835-33-1 91
2	1-Decanol, 2-hexyl-		242 C16H34O	002425-77-6 91
3	Sulfurous acid, octadecyl 2-propyl-		376 C21H44O3S	1000309-12-7 91
4	Hexacosane		366 C26H54	000630-01-3 91
5	Oxalic acid, isobutyl hexadecyl ...		370 C22H42O4	1000309-38-1 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111741.D
Acq On : 27 Dec 2018 3:51
Operator : JU/SJ
Sample : J6446-03
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Instrument :
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ClientSampleId :
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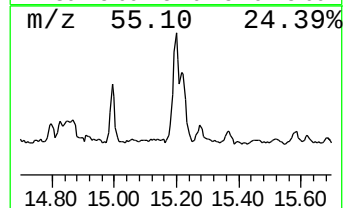
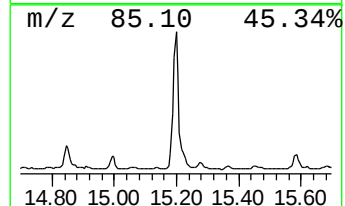
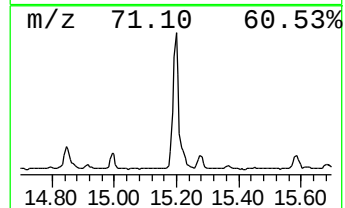
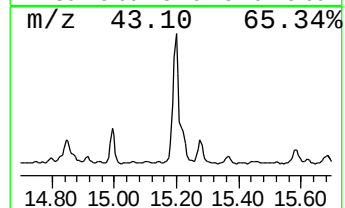
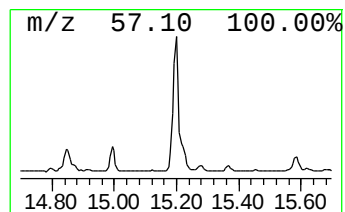
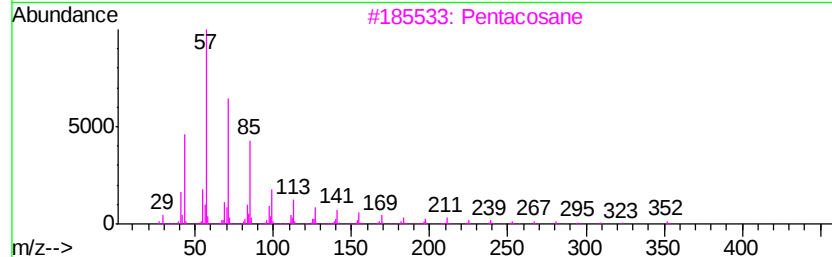
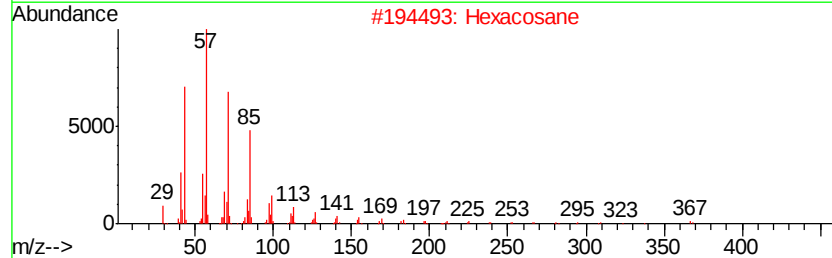
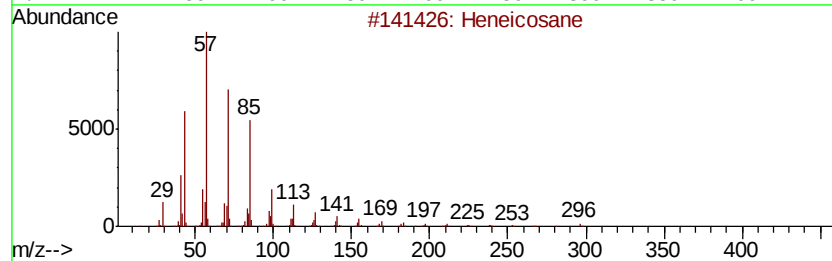
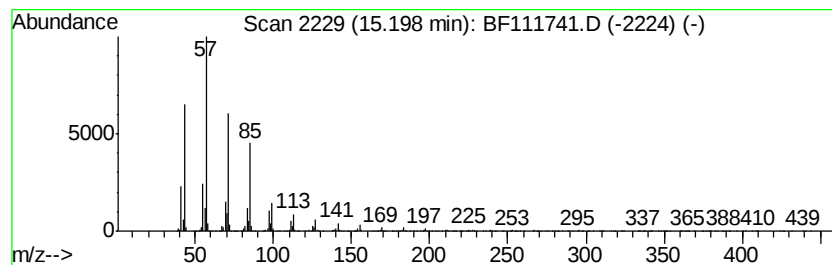
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	87.76 ng	2639410	Perylene-d12	15.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Pentacosane		352	C25H52	000629-99-2	91
4	triacontane		422	C30H62	000638-68-6	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



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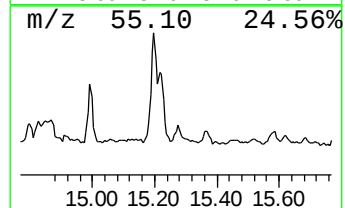
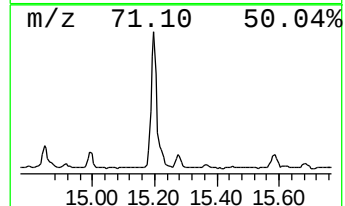
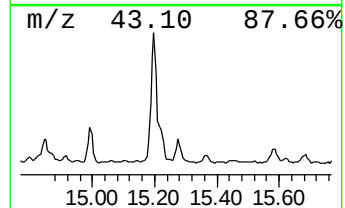
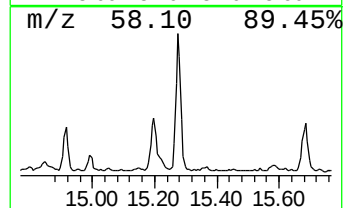
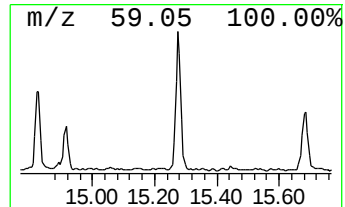
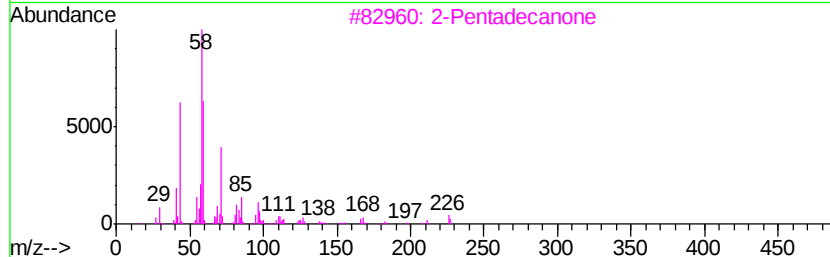
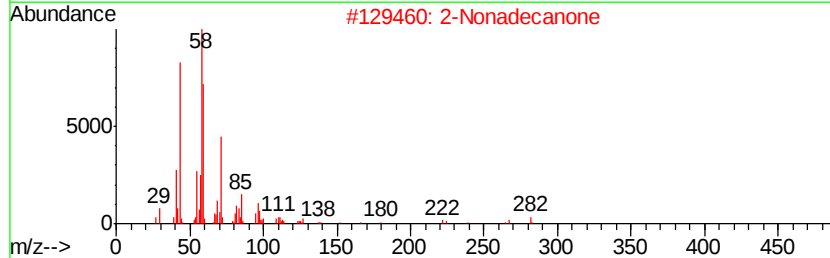
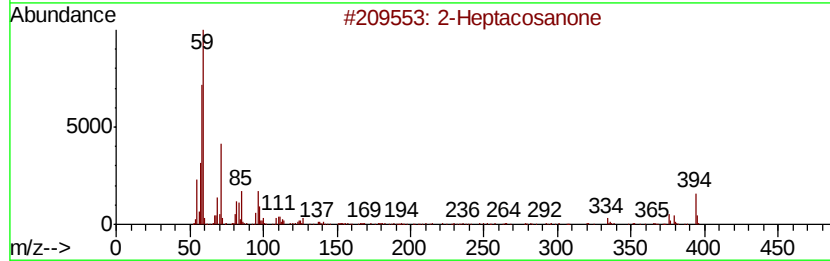
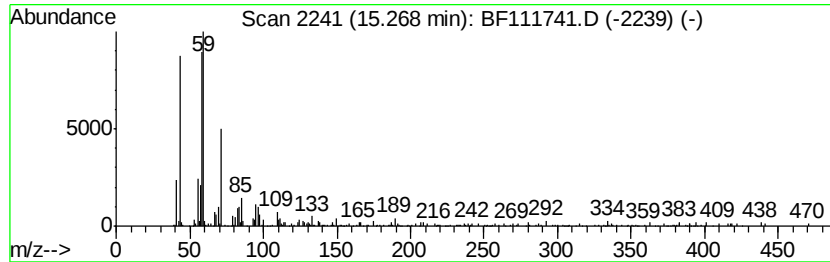
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Heptacosanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.27	15.77 ng	474361	Perylene-d12	15.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2	90
2	2-Nonadecanone	282	C19H38O	000629-66-3	72
3	2-Pentadecanone	226	C15H30O	002345-28-0	50
4	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	43
5	2-Tridecanone	198	C13H26O	000593-08-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111741.D
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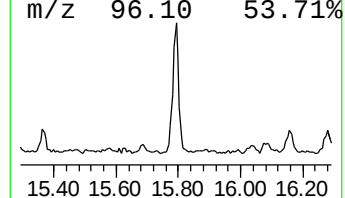
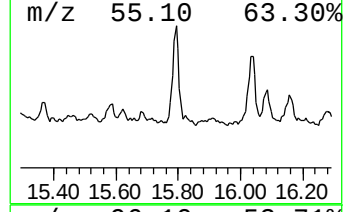
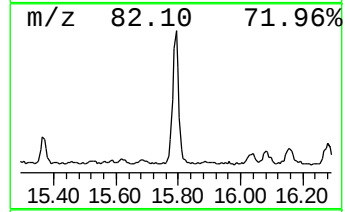
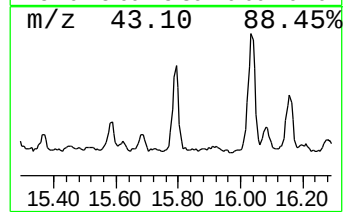
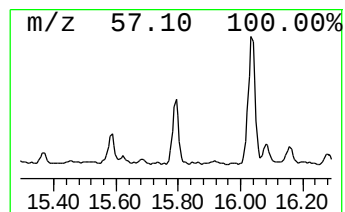
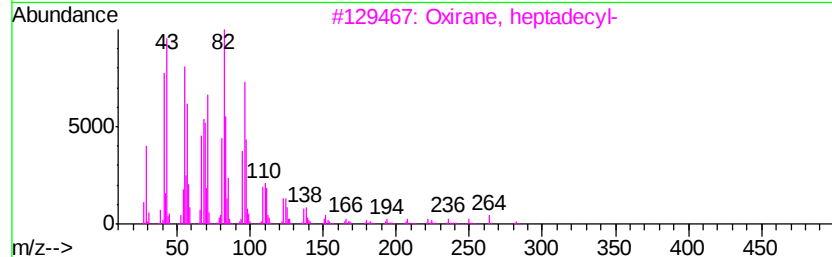
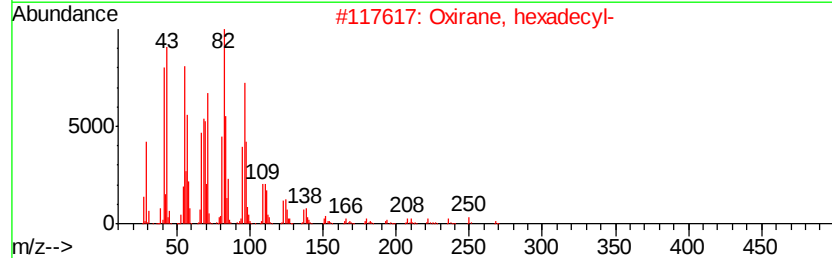
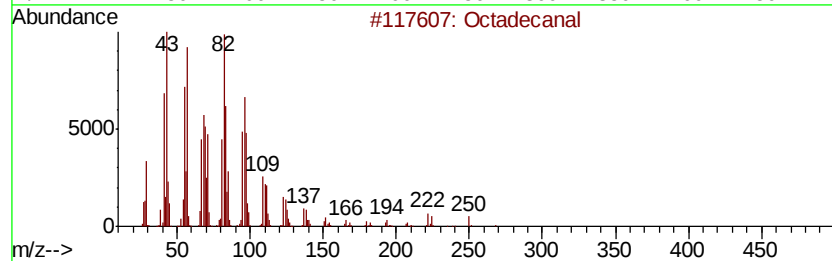
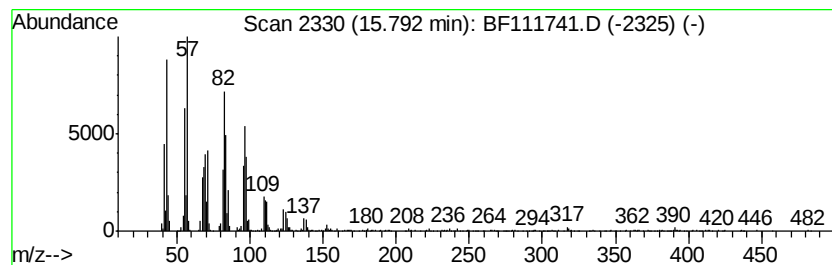
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	43.17 ng	1298300	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	94
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Heptadecanal	254	C17H34O	1000376-70-0	91
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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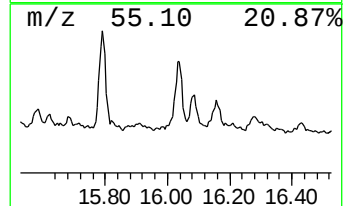
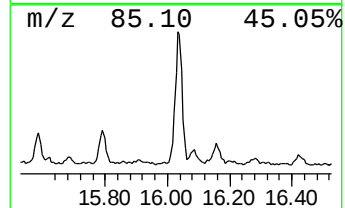
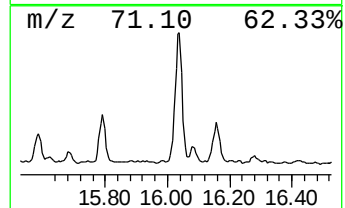
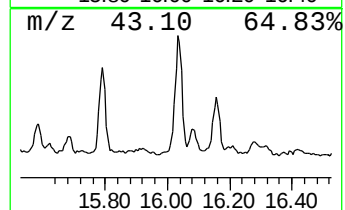
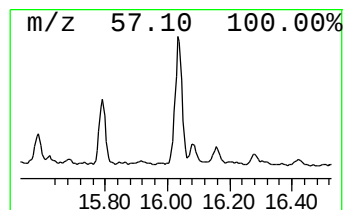
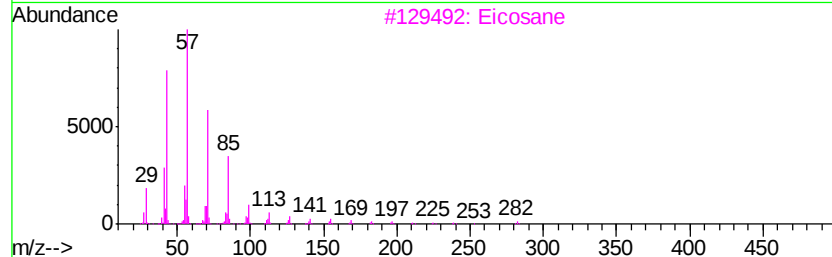
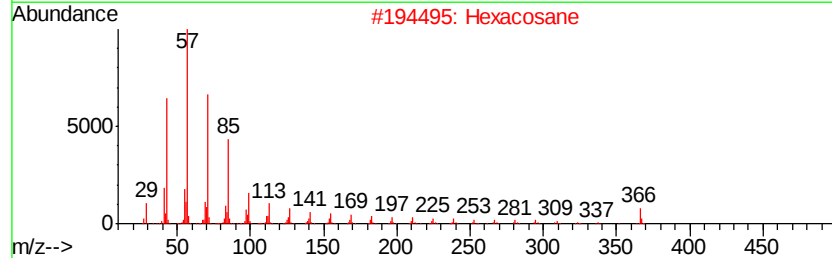
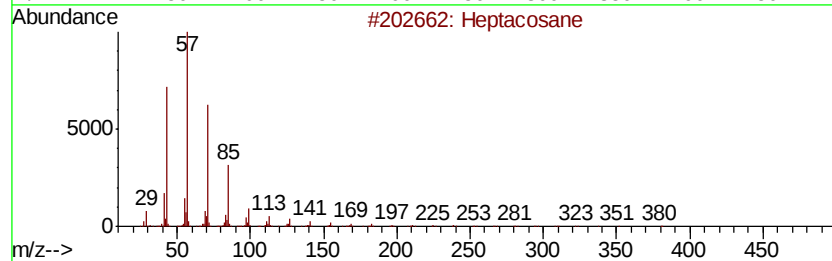
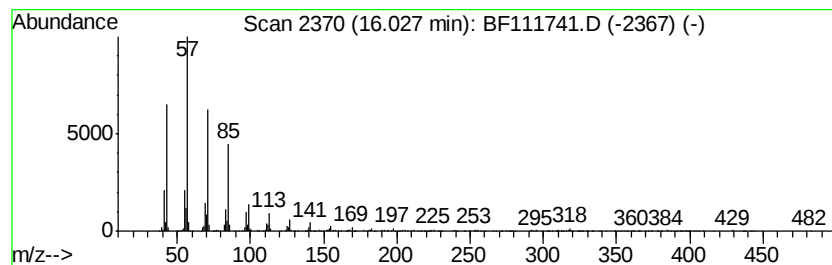
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	39.50 ng	1187870	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	97
2		Hexacosane	366	C26H54	000630-01-3	95
3		Eicosane	282	C20H42	000112-95-8	95
4		Tricosane	324	C23H48	000638-67-5	93
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
P001-SS026-0006-01

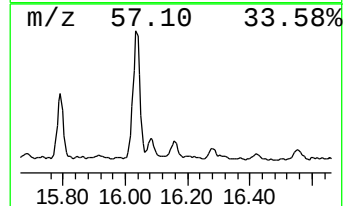
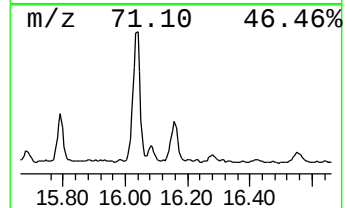
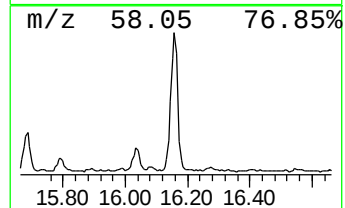
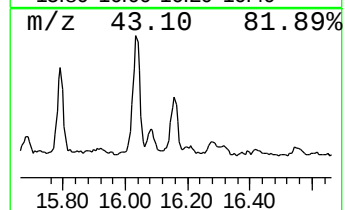
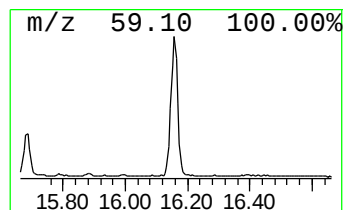
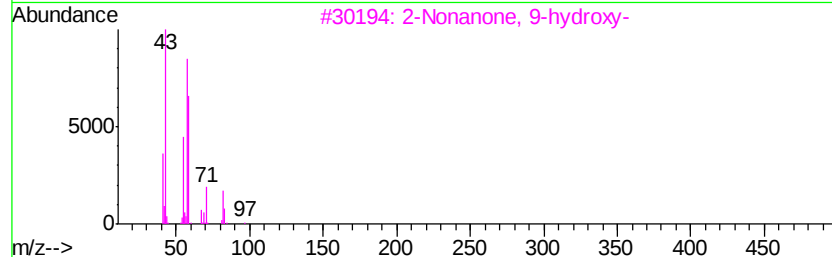
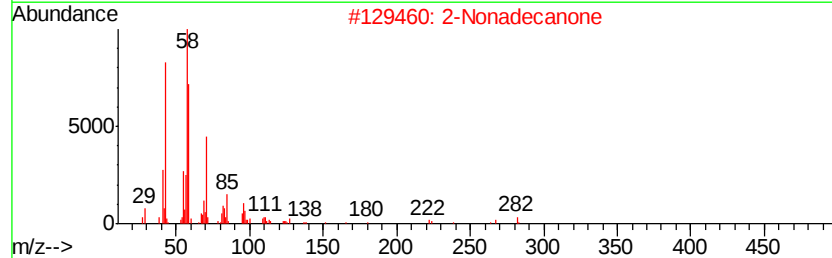
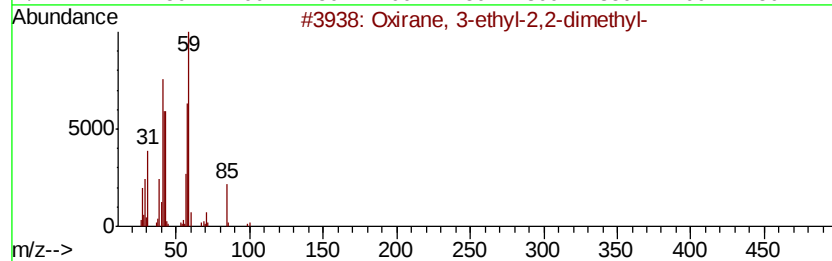
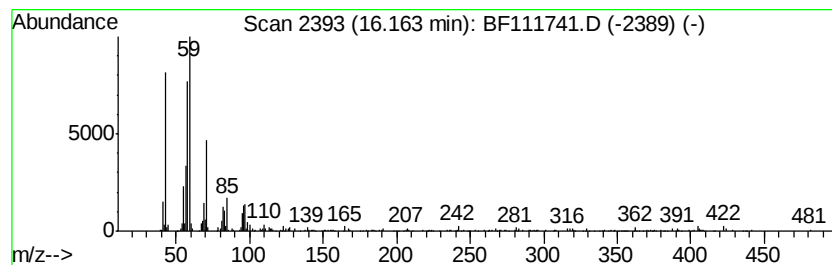
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Oxirane, 3-ethyl-2,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	16.55 ng	497659	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	53
2		2-Nonadecanone	282	C19H38O	000629-66-3	49
3		2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	47
4		2-Heptadecanone	254	C17H34O	002922-51-2	47
5		trans-2,3-Epoxy-nonane	142	C9H18O	056820-01-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111741.D
Acq On : 27 Dec 2018 3:51
Operator : JU/SJ
Sample : J6446-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS026-0006-01

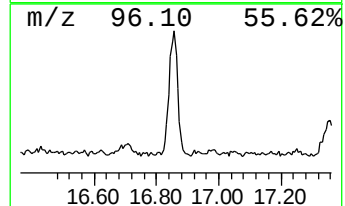
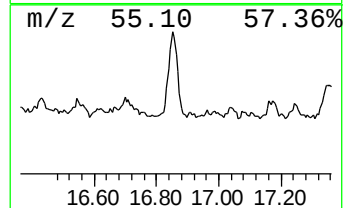
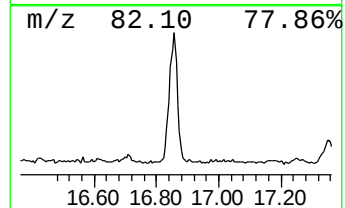
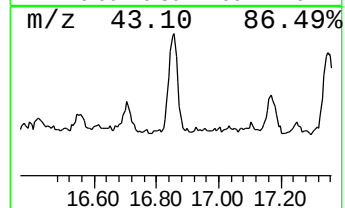
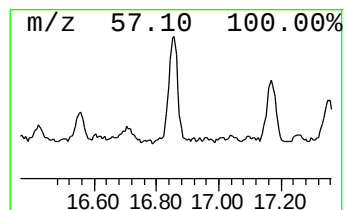
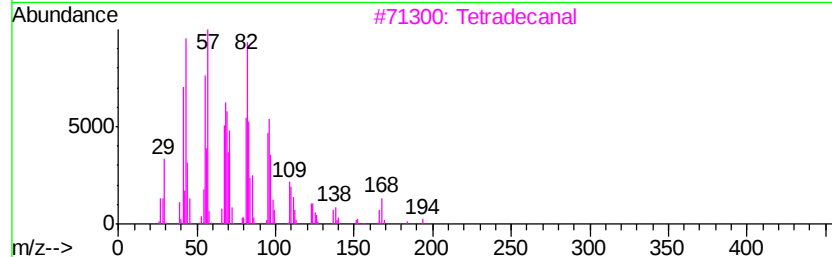
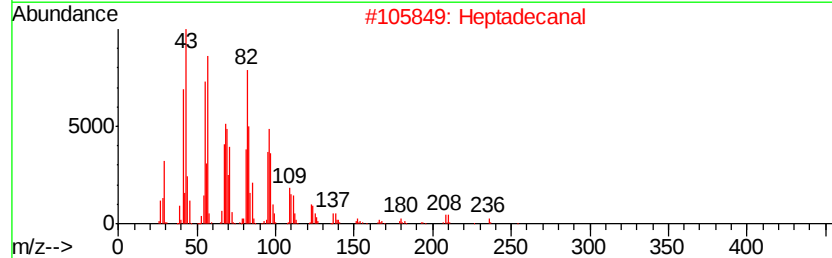
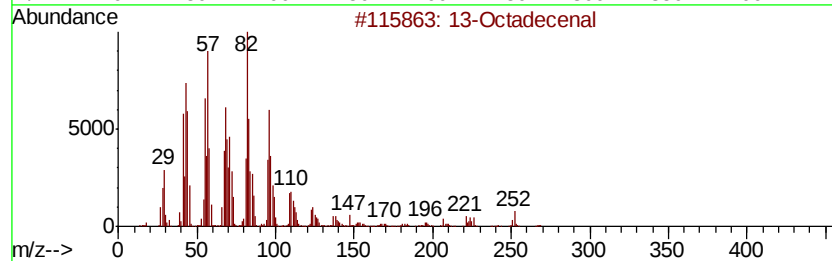
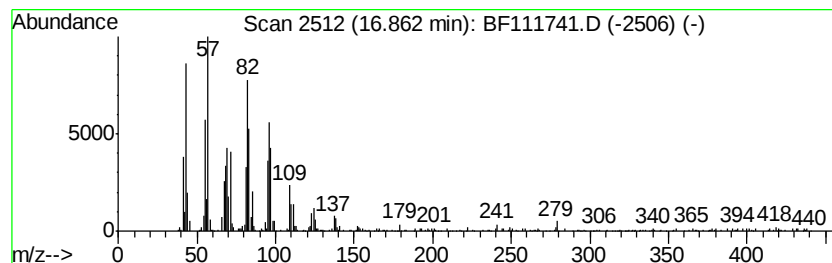
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 13-Octadecenal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	30.46 ng	916163	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Octadecenal	266	C18H34O	056554-90-6	93
2		Heptadecanal	254	C17H34O	1000376-70-0	91
3		Tetradecanal	212	C14H28O	000124-25-4	91
4		Octadecanal	268	C18H36O	000638-66-4	90
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122618\
 Data File : BF111741.D
 Acq On : 27 Dec 2018 3:51
 Operator : JU/SJ
 Sample : J6446-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0006-01

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
unknown6.68	6.68	69.5	ng	2944760	1	6.90	846794	20.0
2,2',3,4',5-Penta...	12.56	16.2	ng	775112	4	11.43	958211	20.0
1,1'-Biphenyl, 2,...	13.20	46.0	ng	1777620	5	14.07	773141	20.0
Dodecane, 2-methy...	13.24	16.2	ng	624853	5	14.07	773141	20.0
2,3,4,4',5,6-Hexa...	13.39	39.4	ng	1524050	5	14.07	773141	20.0
2,2',3,4,5,6-Hexa...	13.49	19.9	ng	769375	5	14.07	773141	20.0
2,3,3',4',5,6-Hex...	13.60	40.6	ng	1571560	5	14.07	773141	20.0
2,2',3,4,4',6,6'-...	13.70	25.4	ng	980420	5	14.07	773141	20.0
1-Tricosene	13.90	114.7	ng	4432430	5	14.07	773141	20.0
2,3,3',4,4',5',6-...	14.32	15.4	ng	594975	5	14.07	773141	20.0
1,19-Eicosadiene	14.35	15.9	ng	615213	5	14.07	773141	20.0
1-Hexacosene	14.54	113.3	ng	4380140	5	14.07	773141	20.0
Heneicosane	15.20	87.8	ng	2639410	6	15.56	601527	20.0
2-Heptacosanone	15.27	15.8	ng	474361	6	15.56	601527	20.0
Octadecanal	15.79	43.2	ng	1298300	6	15.56	601527	20.0
Heptacosane	16.03	39.5	ng	1187870	6	15.56	601527	20.0
Oxirane, 3-ethyl-...	16.16	16.6	ng	497659	6	15.56	601527	20.0
13-Octadecenal	16.86	30.5	ng	916163	6	15.56	601527	20.0