

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110923.D
 Acq On : 21 Nov 2018 12:53
 Operator : JU/SJ
 Sample : J6006-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-CON-WALL-2

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-BF110818.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	2.263	25	30	38	rVB	114813	163663	2.76%	0.221%
2	5.192	525	528	542	rBV	59260	102015	1.72%	0.138%
3	5.569	587	592	612	rBV	2054307	2153453	36.29%	2.907%
4	6.575	758	763	782	rBV	2005597	2389067	40.26%	3.226%
5	6.710	782	786	790	rBV	2254185	2299978	38.76%	3.105%
6	6.939	822	825	831	rBV	516891	437809	7.38%	0.591%
7	7.098	847	852	865	rBV	1895905	1801919	30.37%	2.433%
8	7.510	917	922	931	rBV	1473971	1457537	24.56%	1.968%
9	7.592	931	936	944	rVB3	35039	61944	1.04%	0.084%
10	7.969	995	1000	1005	rBV	97877	113596	1.91%	0.153%
11	8.222	1039	1043	1058	rVB	621231	593656	10.01%	0.802%
12	8.569	1098	1102	1108	rBV	106951	128347	2.16%	0.173%
13	9.022	1176	1179	1192	rBV	111808	242908	4.09%	0.328%
14	9.298	1221	1226	1229	rBV	3289617	3091710	52.11%	4.174%
15	9.692	1289	1293	1297	rVB	81875	85462	1.44%	0.115%
16	9.980	1339	1342	1346	rBV	737604	652893	11.00%	0.882%
17	10.604	1444	1448	1451	rBV2	49104	67539	1.14%	0.091%
18	10.780	1474	1478	1484	rBV	1721635	1670858	28.16%	2.256%
19	10.874	1489	1494	1497	rVV2	107648	166008	2.80%	0.224%
20	11.480	1593	1597	1599	rBV	728379	683157	11.51%	0.922%
21	11.504	1599	1601	1607	rVB	169146	156196	2.63%	0.211%
22	11.563	1608	1611	1617	rBV3	66351	72229	1.22%	0.098%
23	11.804	1650	1652	1656	rVB	98432	112151	1.89%	0.151%
24	11.874	1661	1664	1672	rBV4	128764	203015	3.42%	0.274%
25	11.957	1676	1678	1680	rBV2	71661	71257	1.20%	0.096%
26	11.998	1680	1685	1692	rVV2	1088931	1622983	27.35%	2.191%
27	12.086	1696	1700	1703	rVV	2419193	2280156	38.43%	3.079%
28	12.121	1703	1706	1708	rVV	664601	526239	8.87%	0.711%
29	12.145	1708	1710	1714	rVB	151633	116518	1.96%	0.157%
30	12.257	1725	1729	1731	rBV	1155512	1035123	17.45%	1.398%
31	12.280	1731	1733	1738	rVV2	96708	96198	1.62%	0.130%
32	12.339	1739	1743	1744	rVV2	90899	104921	1.77%	0.142%
33	12.363	1744	1747	1750	rVB	378194	313802	5.29%	0.424%
34	12.421	1755	1757	1760	rVB2	96263	79744	1.34%	0.108%

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35	12.557	1775	1780	1783	rVV	472621	547187	9.22%	0.739%
36	12.604	1783	1788	1794	rVV2	2994015	4911661	82.78%	6.631%
37	12.657	1794	1797	1800	rVV	571500	500545	8.44%	0.676%
38	12.710	1803	1806	1807	rVV	185689	167813	2.83%	0.227%
39	12.733	1807	1810	1814	rVV2	855468	1042779	17.57%	1.408%
40	12.792	1814	1820	1823	rVV2	3773834	5427963	91.48%	7.329%
41	12.827	1823	1826	1829	rVV	1838162	1515670	25.54%	2.046%
42	12.868	1829	1833	1836	rVV2	87826	129184	2.18%	0.174%
43	12.904	1836	1839	1843	rVV4	283659	302549	5.10%	0.408%
44	12.951	1843	1847	1850	rVV2	1511522	1368685	23.07%	1.848%
45	13.004	1850	1856	1859	rVV	2112624	2146775	36.18%	2.898%
46	13.033	1859	1861	1863	rVV	693648	660467	11.13%	0.892%
47	13.080	1863	1869	1873	rVB2	4076083	5933443	100.00%	8.011%
48	13.151	1878	1881	1882	rVV	565547	481082	8.11%	0.650%
49	13.168	1882	1884	1889	rVV2	686964	987884	16.65%	1.334%
50	13.215	1889	1892	1894	rVV	244148	256046	4.32%	0.346%
51	13.245	1894	1897	1900	rVV	2043815	2133893	35.96%	2.881%
52	13.292	1900	1905	1908	rVV	3058985	3118107	52.55%	4.210%
53	13.327	1908	1911	1915	rVV2	297989	288423	4.86%	0.389%
54	13.380	1915	1920	1925	rVB2	508517	644670	10.87%	0.870%
55	13.439	1925	1930	1932	rBV	2014201	1942245	32.73%	2.622%
56	13.468	1932	1935	1937	rVV	1308458	1229345	20.72%	1.660%
57	13.498	1937	1940	1943	rVV	1508376	1381384	23.28%	1.865%
58	13.533	1943	1946	1950	rVV2	664376	639131	10.77%	0.863%
59	13.580	1951	1954	1956	rVV	226270	250033	4.21%	0.338%
60	13.598	1956	1957	1960	rVV2	327067	262063	4.42%	0.354%
61	13.657	1960	1967	1973	rVV	2377241	3391577	57.16%	4.579%
62	13.710	1973	1976	1979	rVV	233117	226151	3.81%	0.305%
63	13.745	1979	1982	1987	rVV2	247297	242252	4.08%	0.327%
64	13.792	1987	1990	1992	rVB	159475	137094	2.31%	0.185%
65	13.862	1998	2002	2005	rBV	952201	820350	13.83%	1.108%
66	13.933	2011	2014	2019	rBV	541816	563519	9.50%	0.761%
67	13.974	2019	2021	2025	rVV2	202176	215724	3.64%	0.291%
68	14.015	2025	2028	2029	rVV2	100620	97761	1.65%	0.132%
69	14.039	2029	2032	2035	rVV	453862	393291	6.63%	0.531%
70	14.074	2035	2038	2043	rVB2	251841	259286	4.37%	0.350%
71	14.139	2044	2049	2059	rVB2	957636	1053031	17.75%	1.422%

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72	14.245	2064	2067	2075	rVB	86817	98188	1.65%	0.133%
73	14.362	2082	2087	2091	rBV2	362673	387876	6.54%	0.524%
74	14.551	2116	2119	2122	rBV	157846	160078	2.70%	0.216%
75	14.586	2122	2125	2129	rVB	414480	416694	7.02%	0.563%
76	14.868	2168	2173	2177	rBV	256110	275142	4.64%	0.371%
77	15.215	2227	2232	2242	rVB	339574	433465	7.31%	0.585%
78	15.609	2294	2299	2304	rBV2	318140	445494	7.51%	0.601%
79	15.662	2304	2308	2323	rVB	270989	442178	7.45%	0.597%
80	16.062	2370	2376	2382	rBV	200825	310637	5.24%	0.419%
81	16.127	2383	2387	2395	rVB4	30190	60596	1.02%	0.082%
82	16.398	2427	2433	2440	rVB2	31953	63518	1.07%	0.086%
83	16.586	2460	2465	2472	rBV	89179	148668	2.51%	0.201%

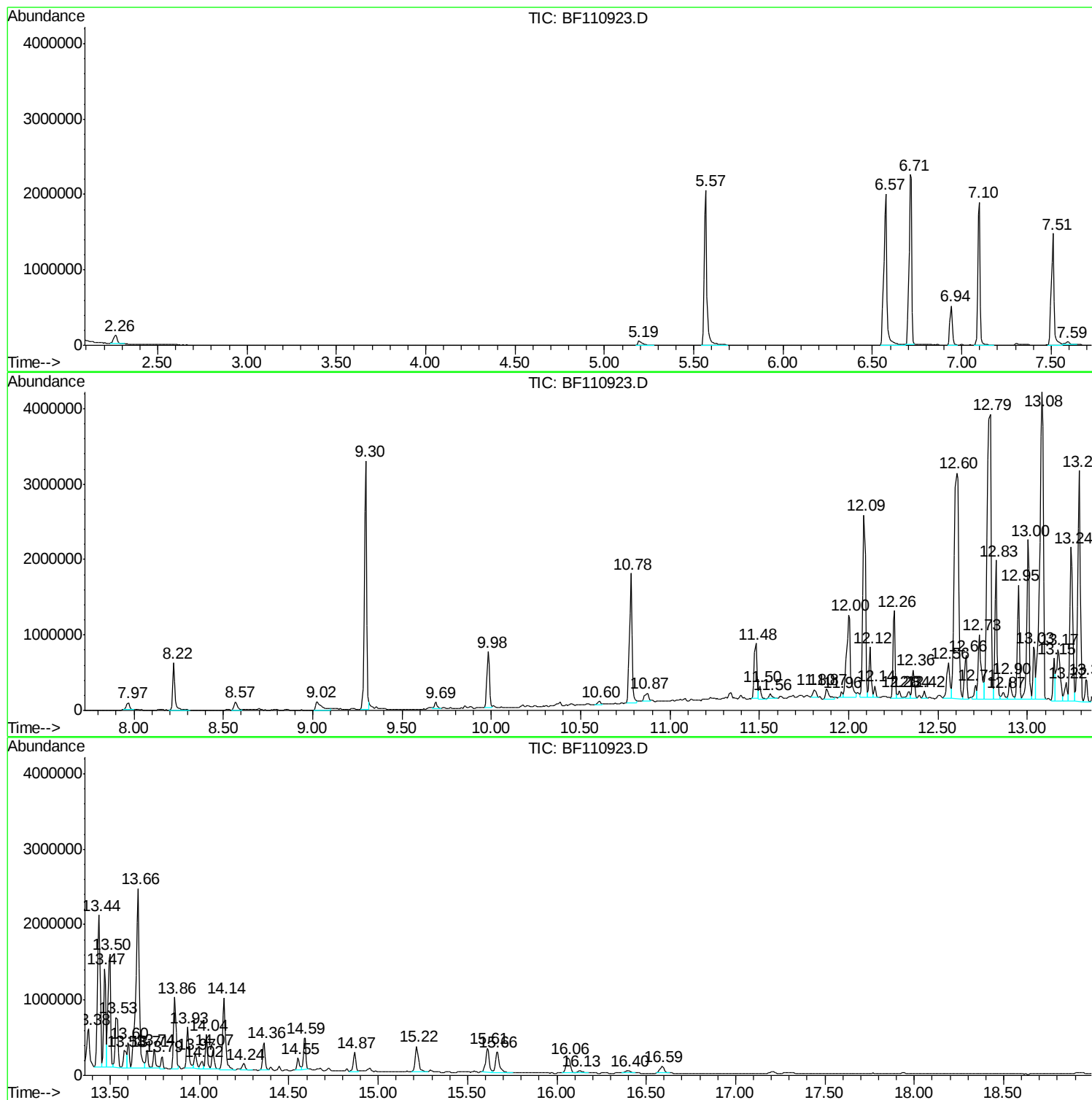
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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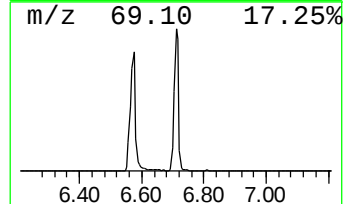
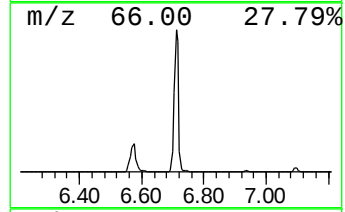
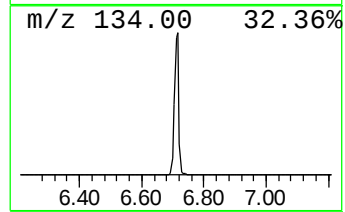
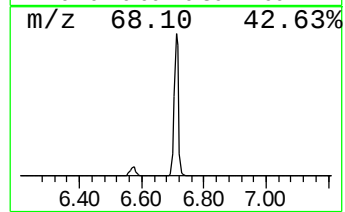
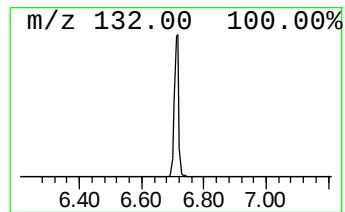
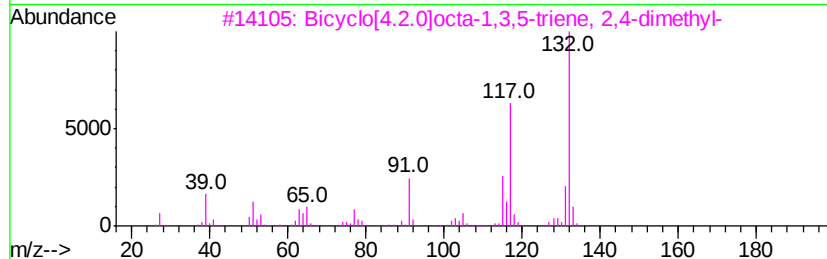
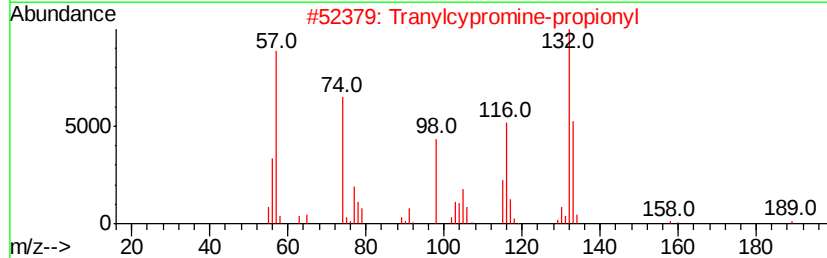
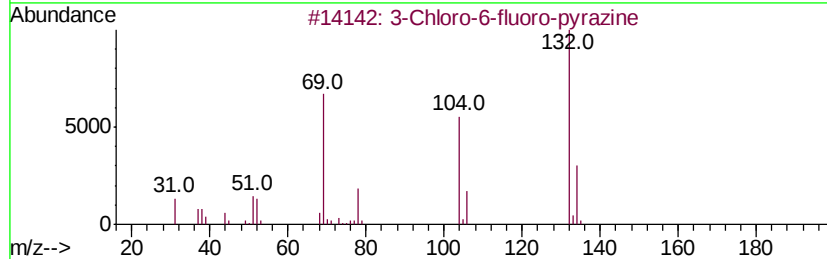
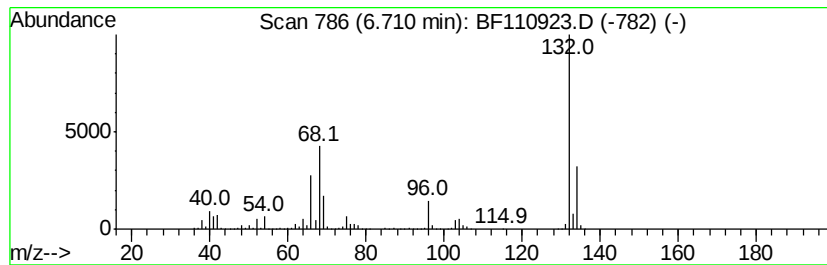
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.71 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	105.07 ng	2299980	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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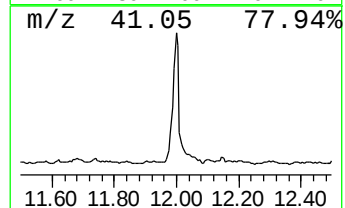
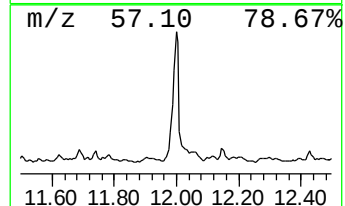
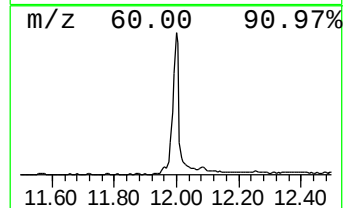
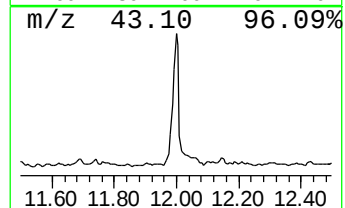
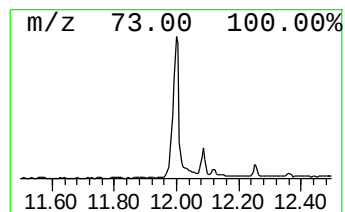
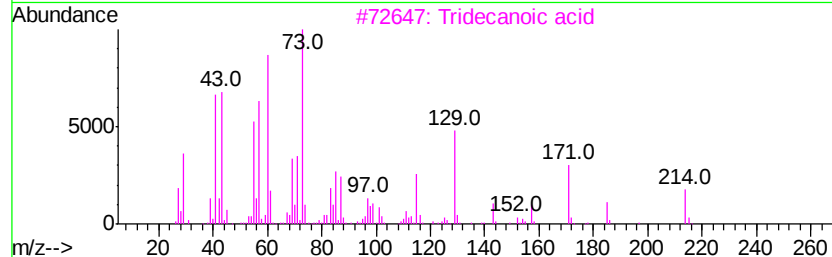
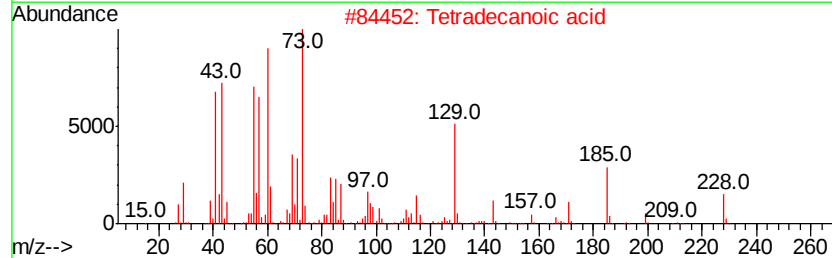
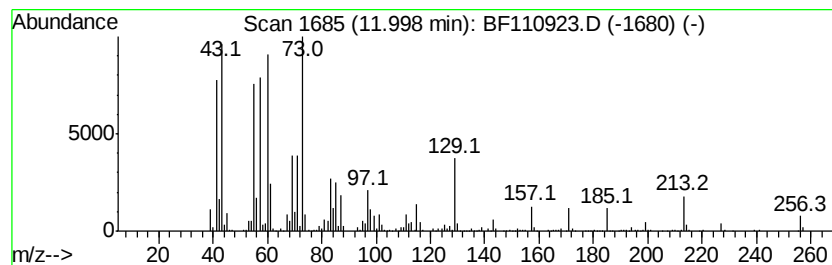
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	47.51 ng	1622980	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30



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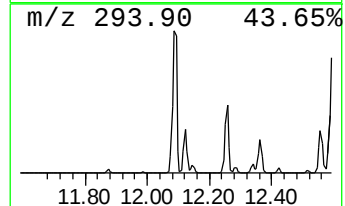
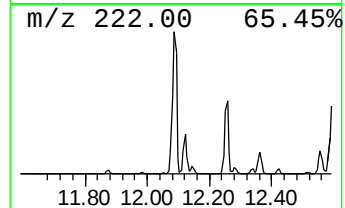
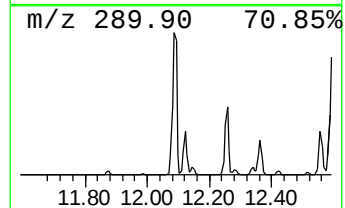
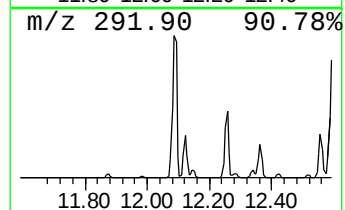
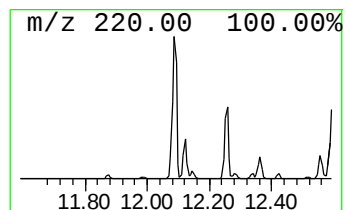
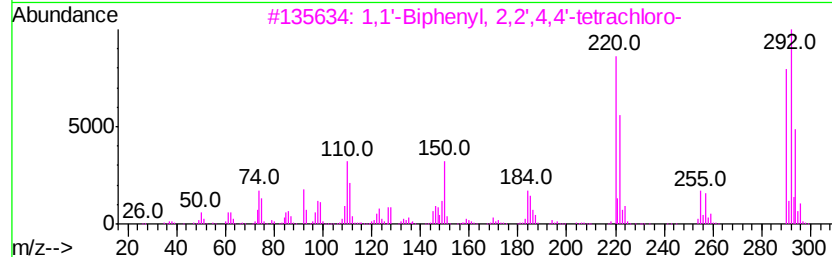
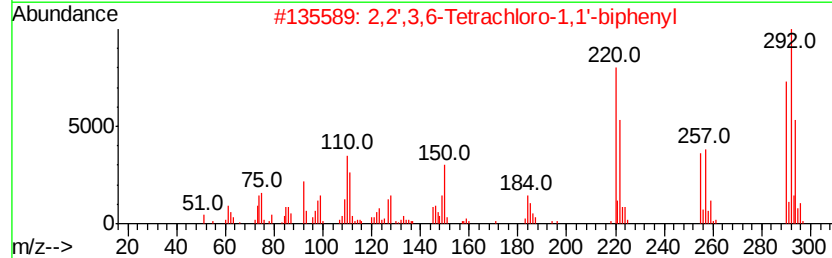
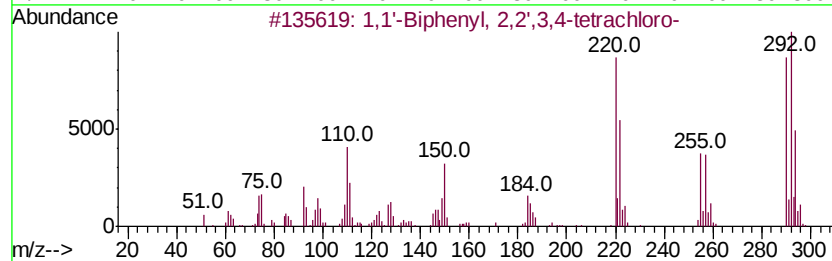
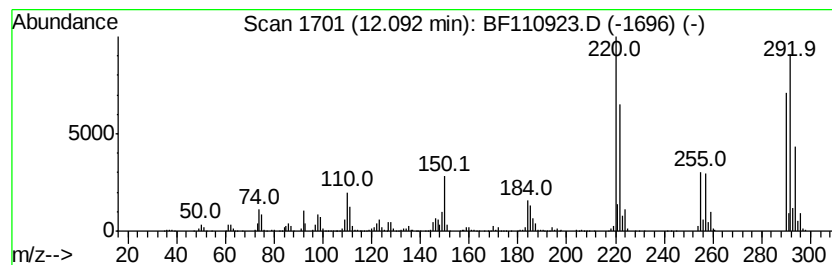
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	66.75 ng	2280160	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2		2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
3		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
5		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99



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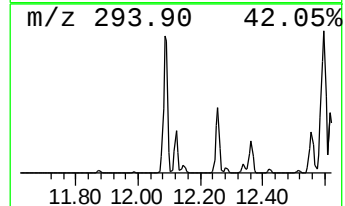
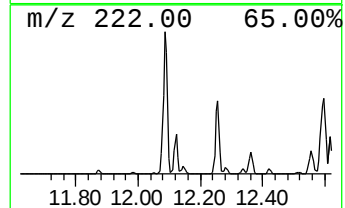
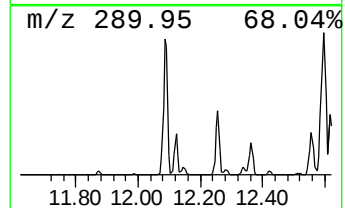
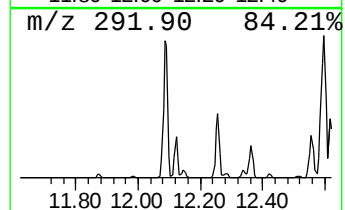
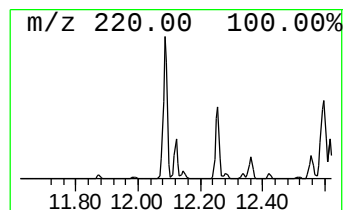
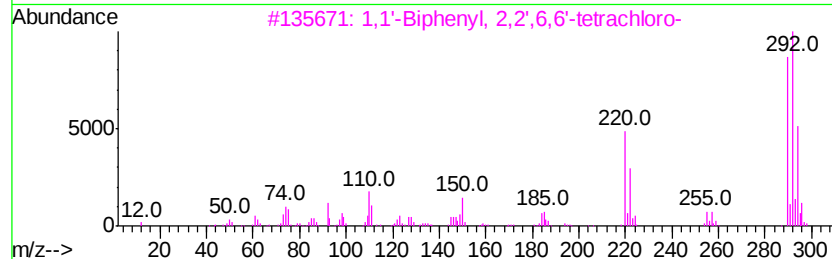
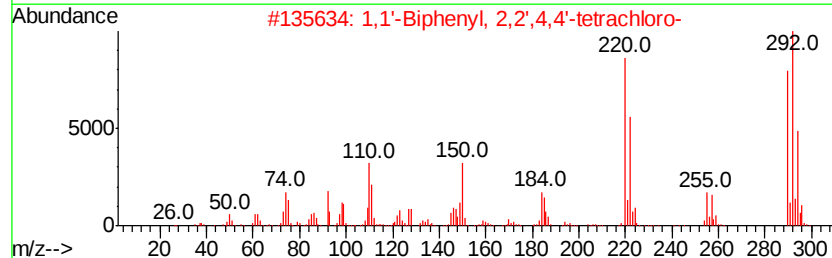
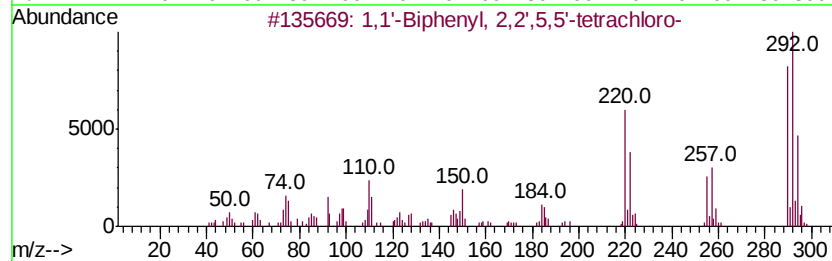
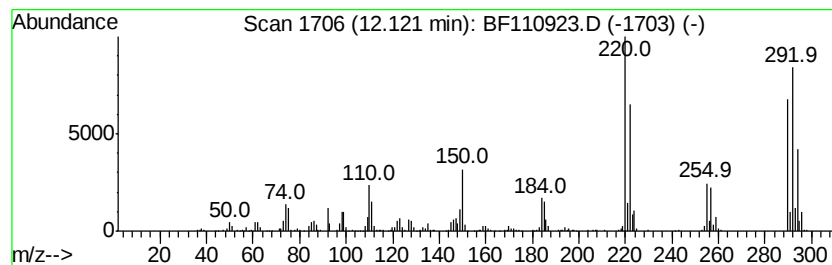
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	15.41 ng	526239	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4		2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
5		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-CON-WALL-2

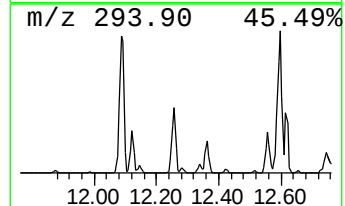
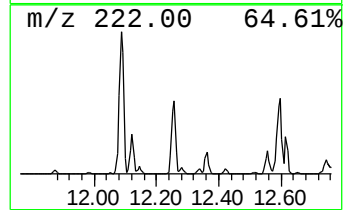
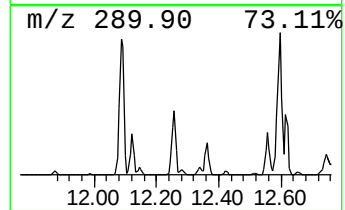
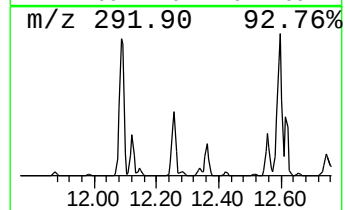
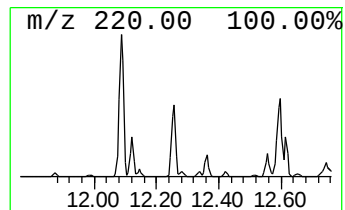
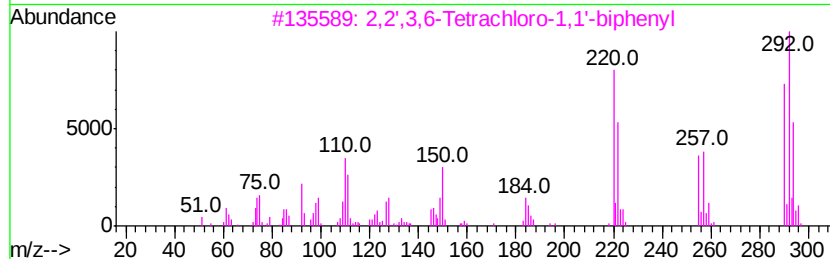
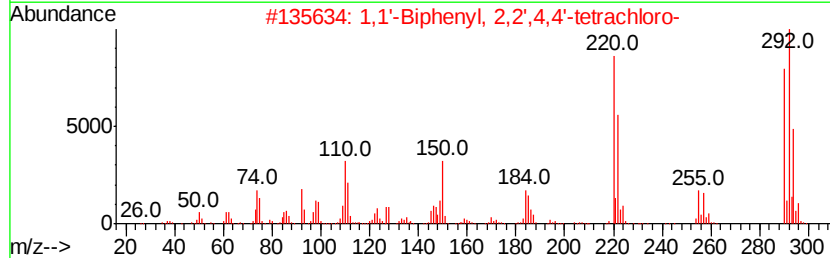
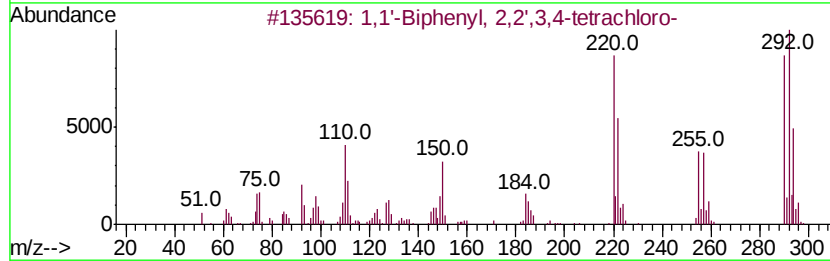
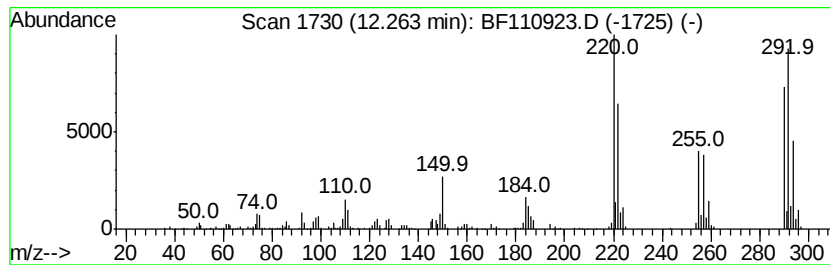
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	30.30 ng	1035120	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3		2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
4		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

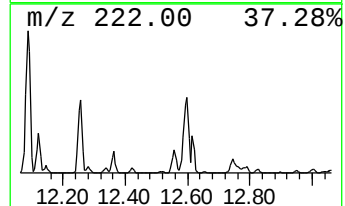
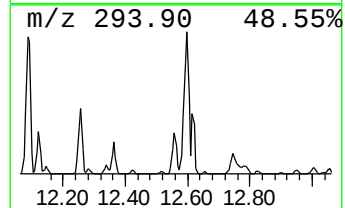
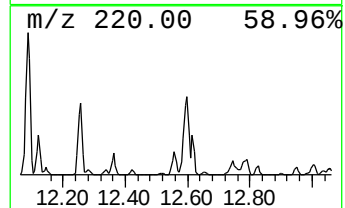
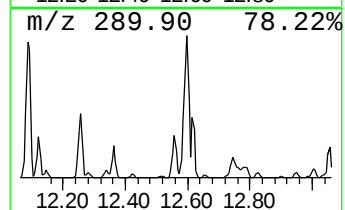
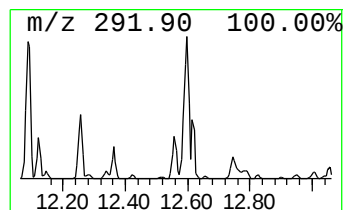
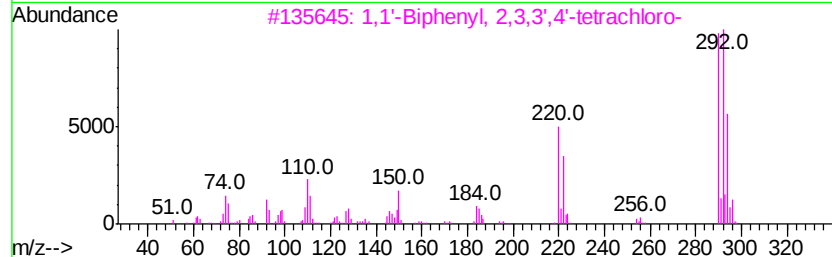
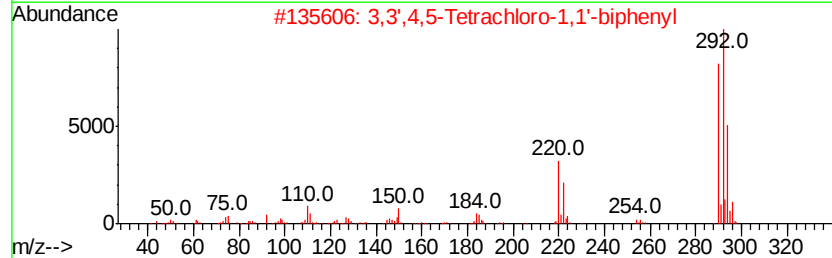
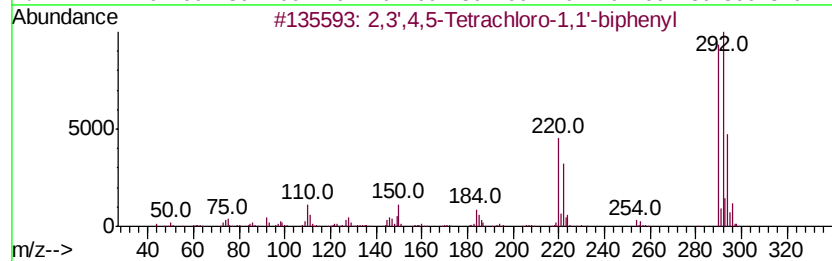
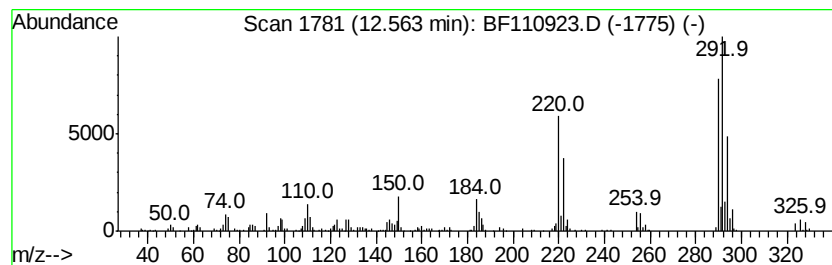
Instrument :
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ClientSampleId :
RS-CON-WALL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,3',4,5-Tetrachloro-1,1'-b... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.56	16.02 ng	547187	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99
2	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
4	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

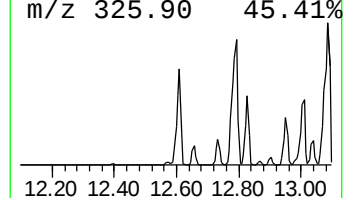
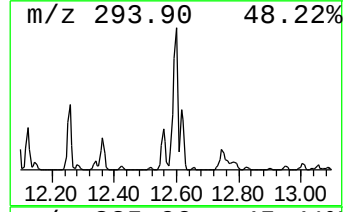
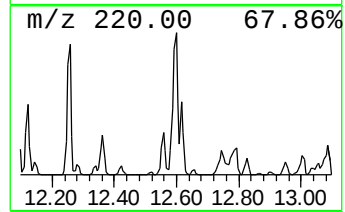
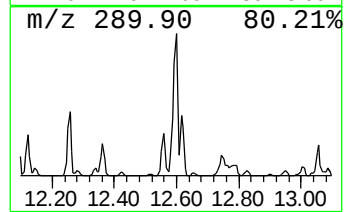
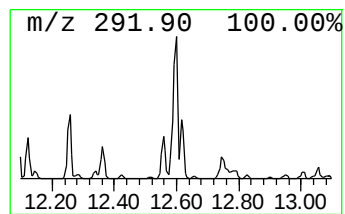
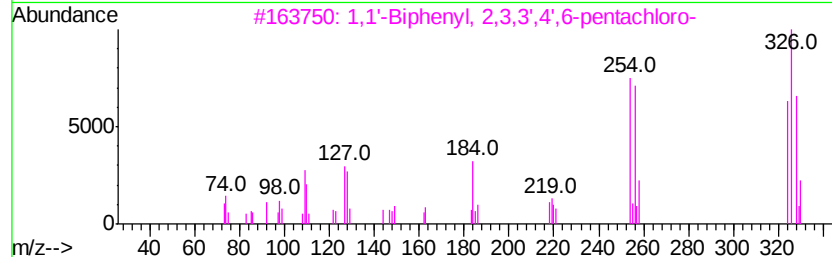
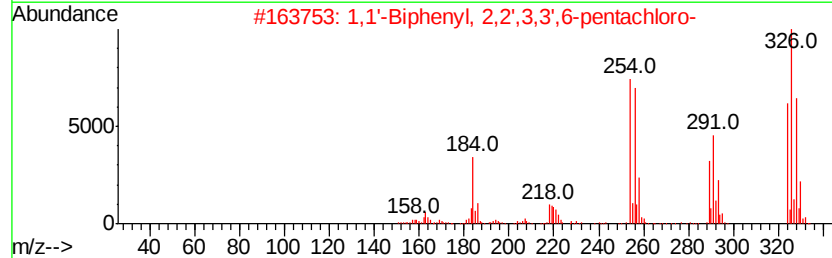
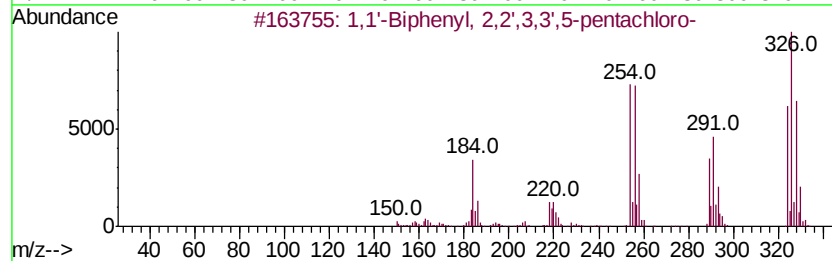
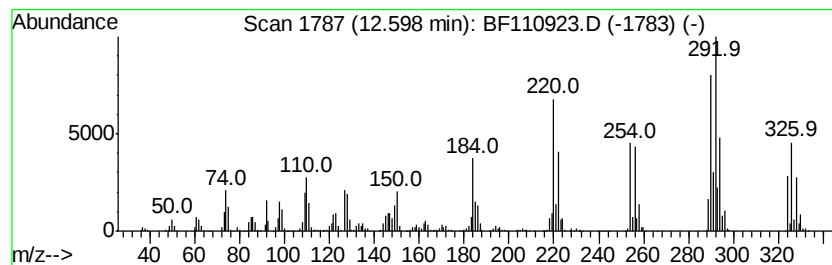
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',3,3',5-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.60	143.79 ng	4911660	Phenanthrene-d10	11.48		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99	
2	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99	
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99	
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99	
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
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Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

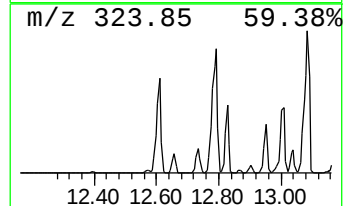
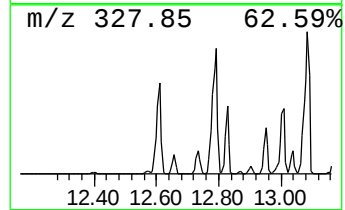
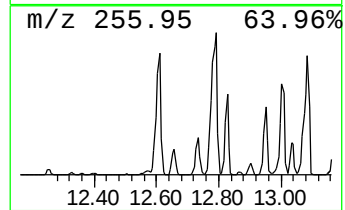
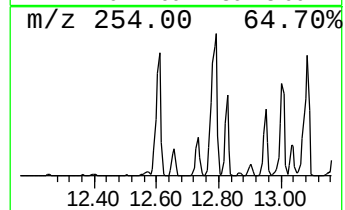
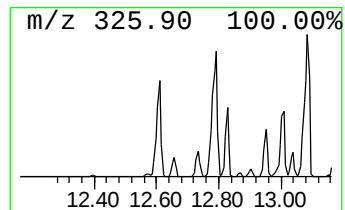
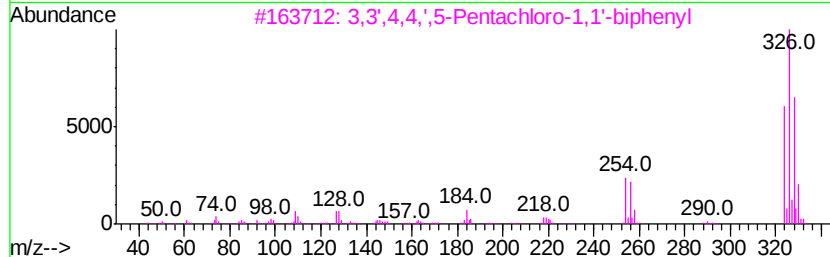
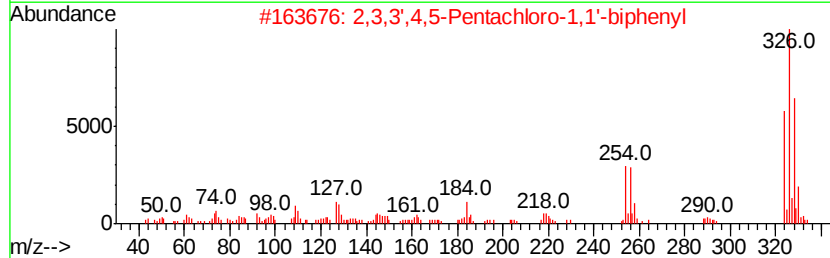
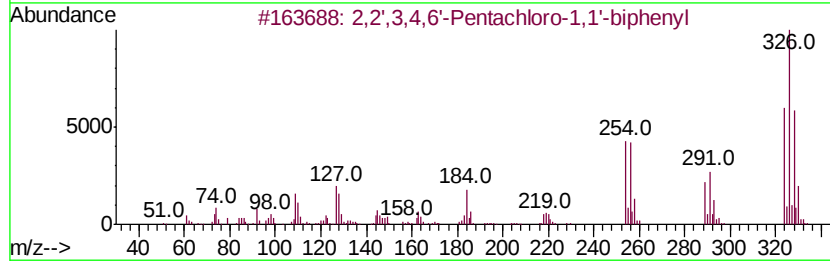
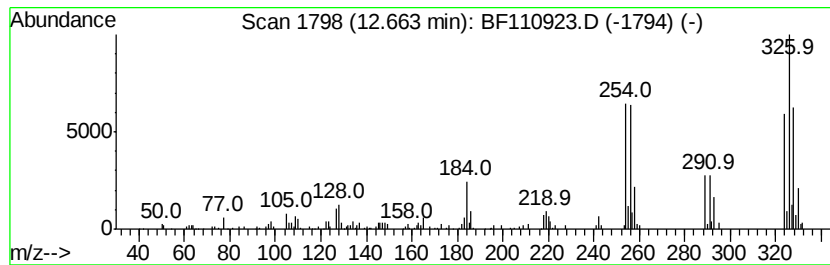
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,2',3,4,6'-Pentachloro-1,1... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.66	14.65 ng	500545	Phenanthrene-d10	11.48		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99	
2	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99	
3	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99	
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99	
5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
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Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

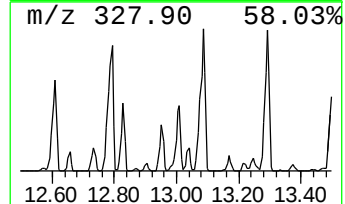
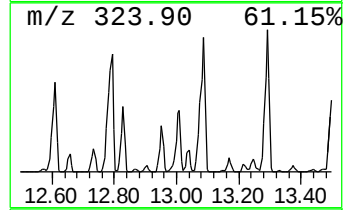
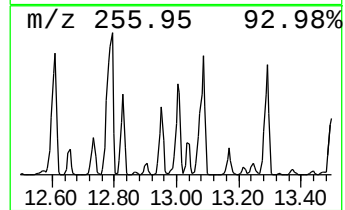
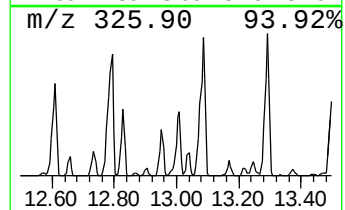
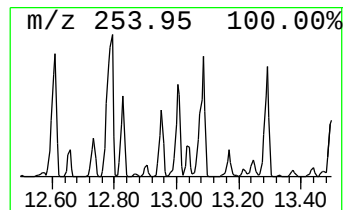
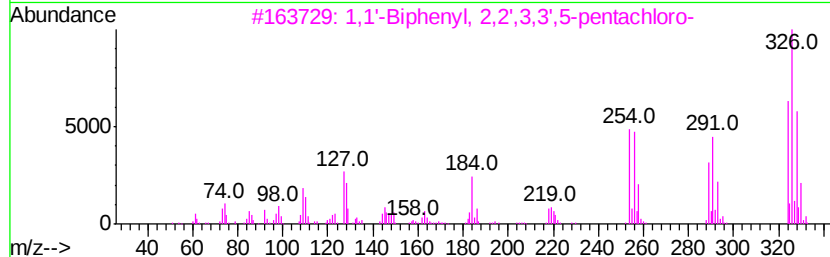
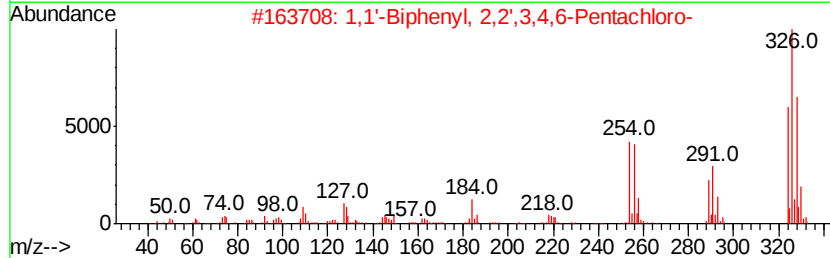
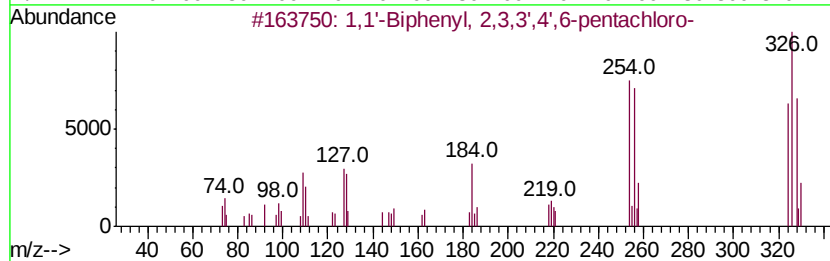
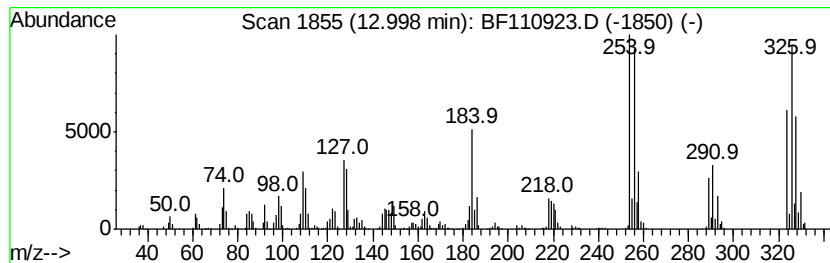
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	40.77 ng	2146780	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324 C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324 C12H5Cl5	055215-17-3	99
3	1,1'-Biphenyl, 2,2',3,3',5-penta...	324 C12H5Cl5	060145-20-2	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324 C12H5Cl5	031508-00-6	99
5	2,3',4',5',6-Pentachloro-1,1'-bi...	324 C12H5Cl5	074472-39-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
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ALS Vial : 5 Sample Multiplier: 1

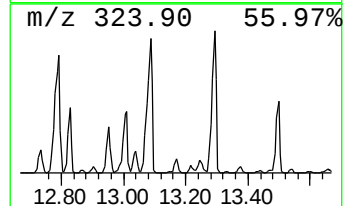
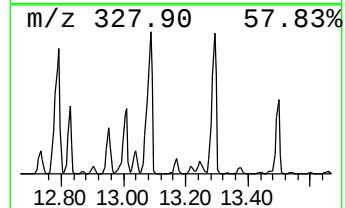
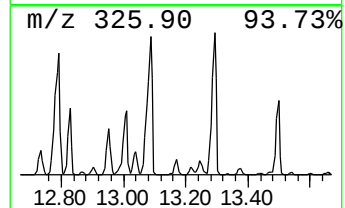
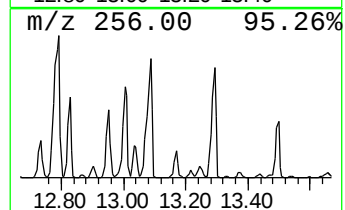
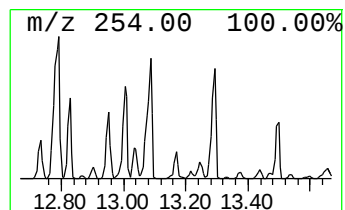
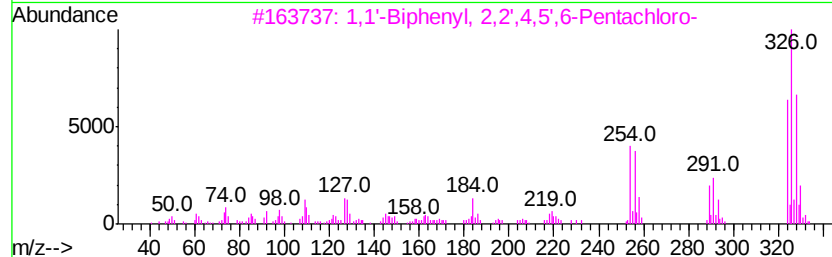
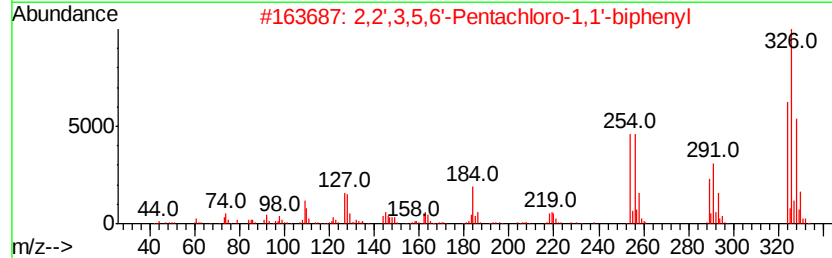
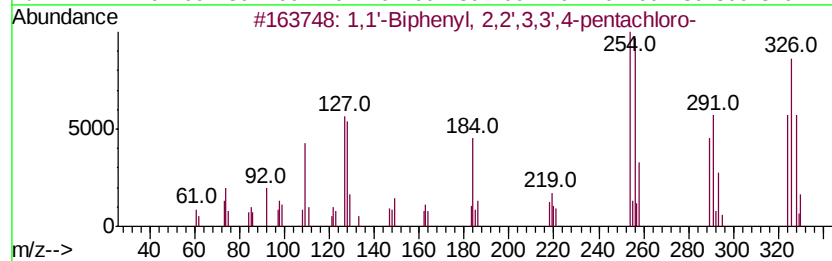
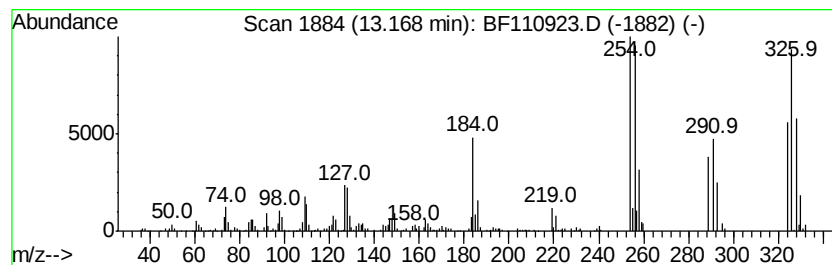
Instrument :
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ClientSampleId :
RS-CON-WALL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3,3',4-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	18.76 ng	987884	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,2',3,3',4-penta...	324 C12H5Cl5	052663-62-4	96
2	2,2',3,5,6'-Pentachloro-1,1'-bip...	324 C12H5Cl5	073575-55-0	96
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324 C12H5Cl5	060145-21-3	96
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324 C12H5Cl5	073575-57-2	96
5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324 C12H5Cl5	055215-17-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

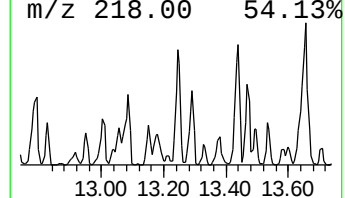
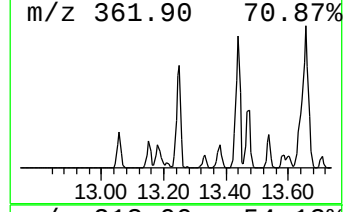
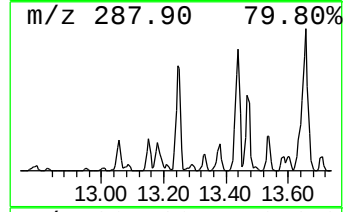
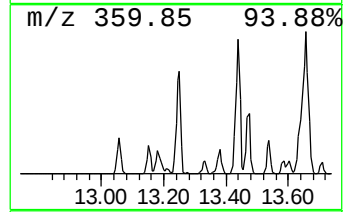
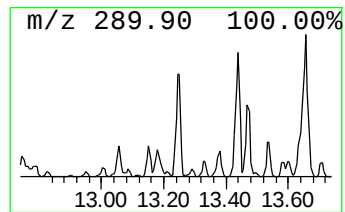
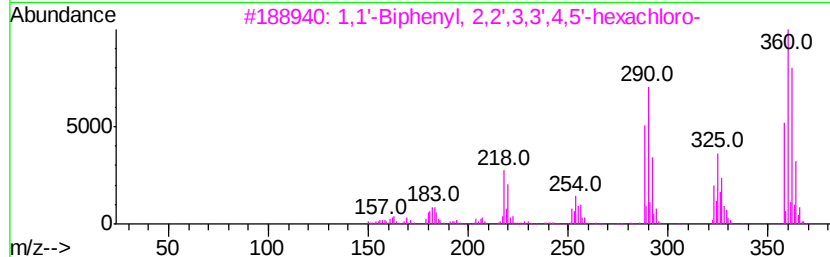
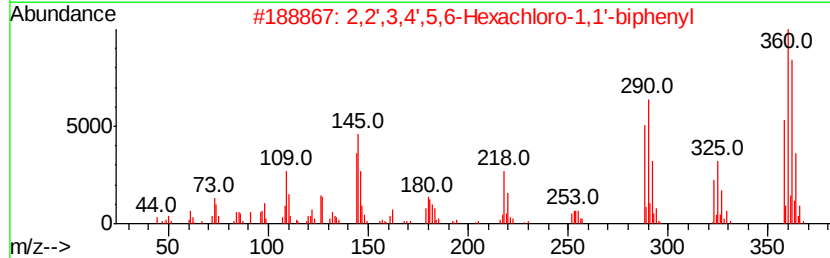
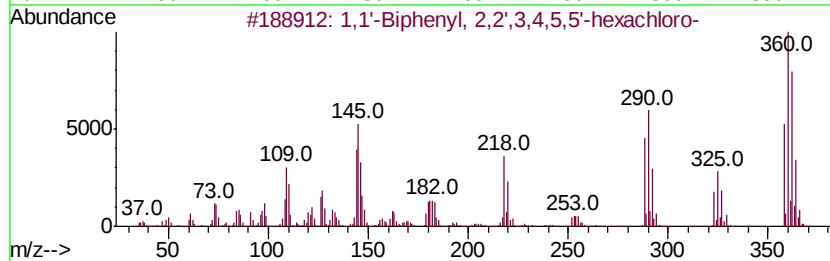
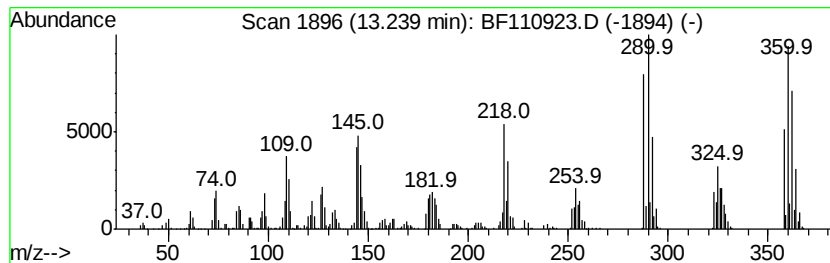
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.24	40.53 ng	2133890	Chrysene-d12	14.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99	
2	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99	
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99	
4	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99	
5	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
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Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

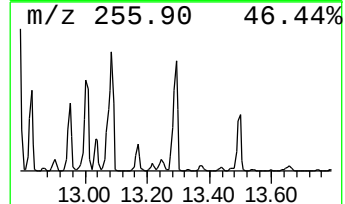
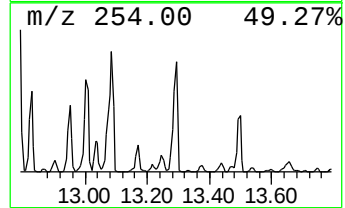
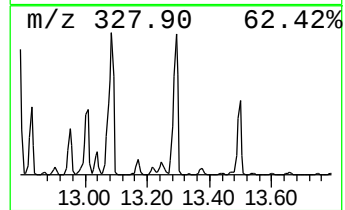
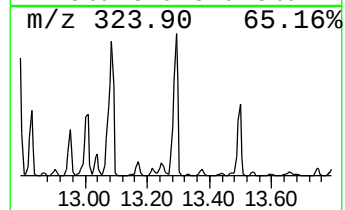
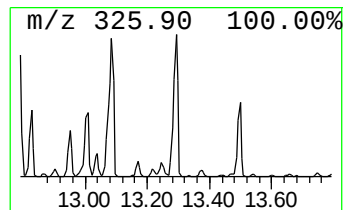
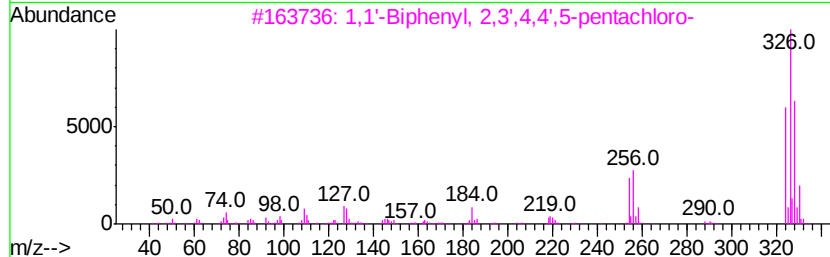
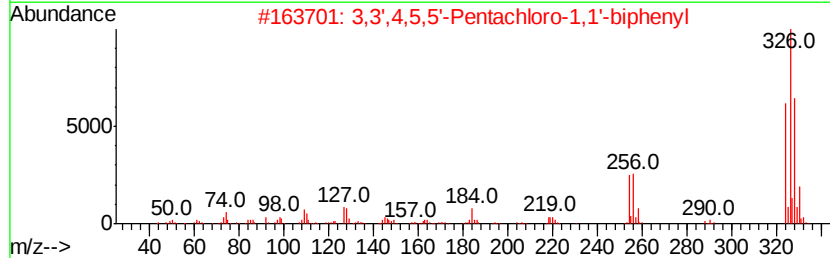
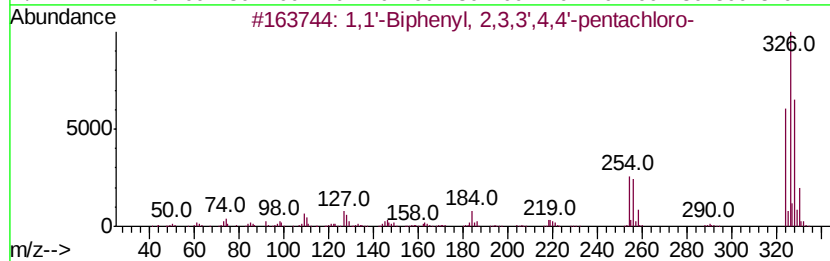
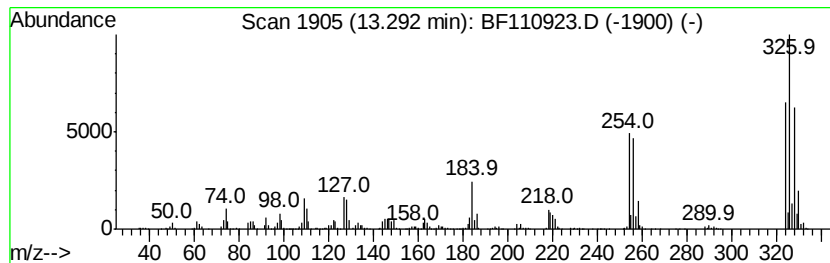
Instrument :
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ClientSampleId :
RS-CON-WALL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	59.22 ng	3118110	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4 99
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1 99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6 99
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8 99
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0 99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-CON-WALL-2

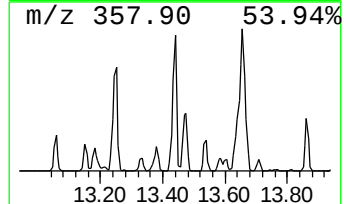
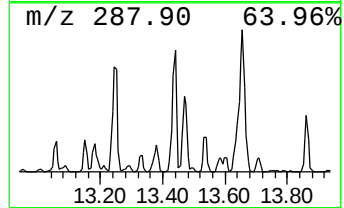
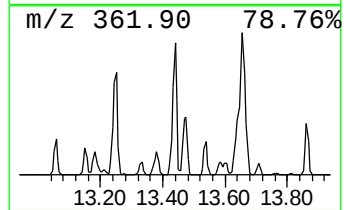
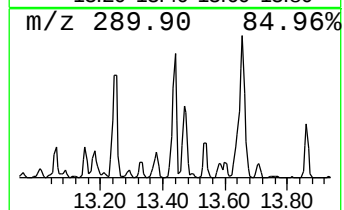
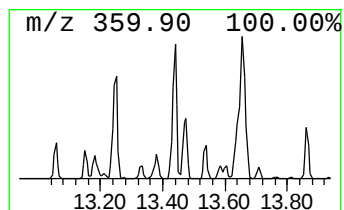
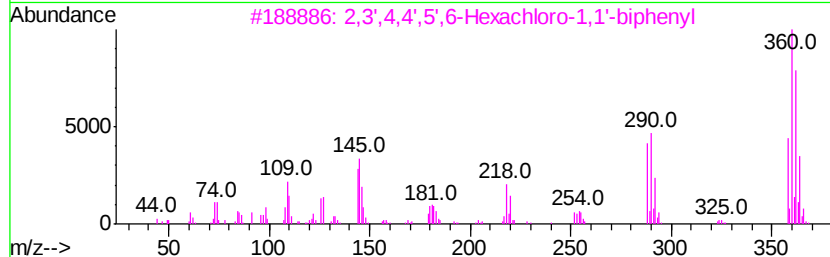
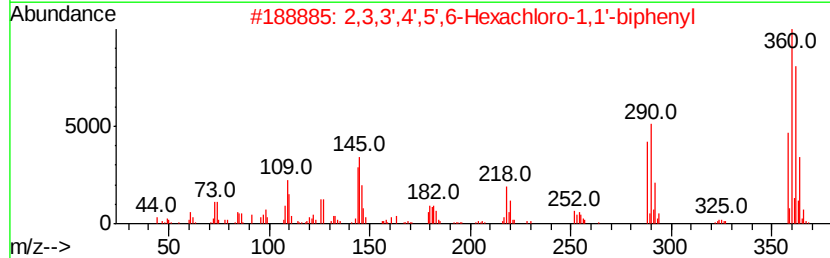
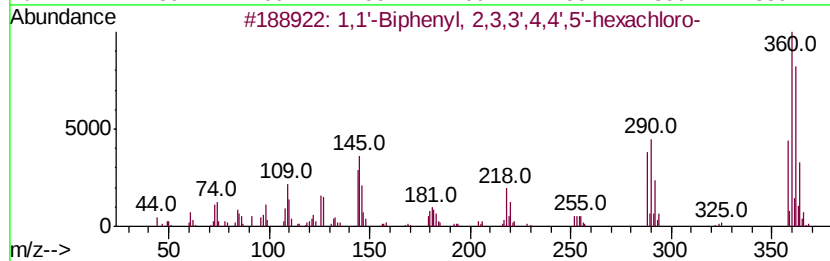
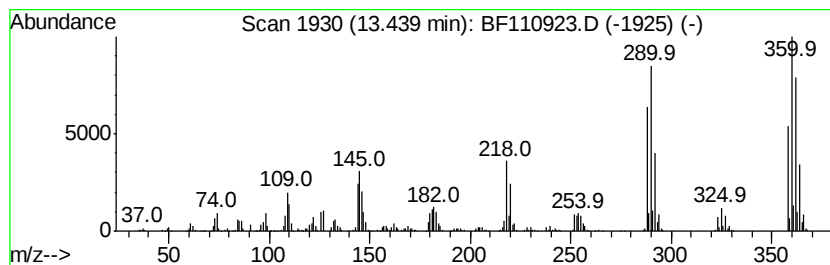
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	36.89 ng	1942250	Chrysene-d12	14.13

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		2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
3		2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4		2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99
5		2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

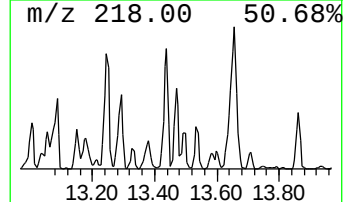
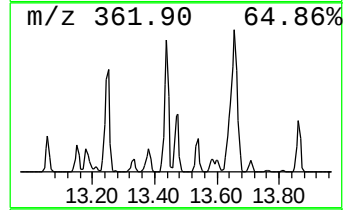
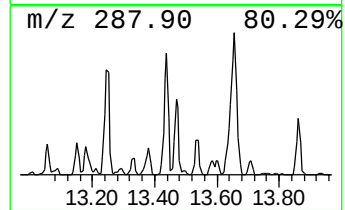
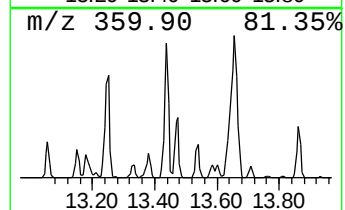
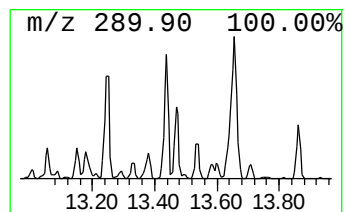
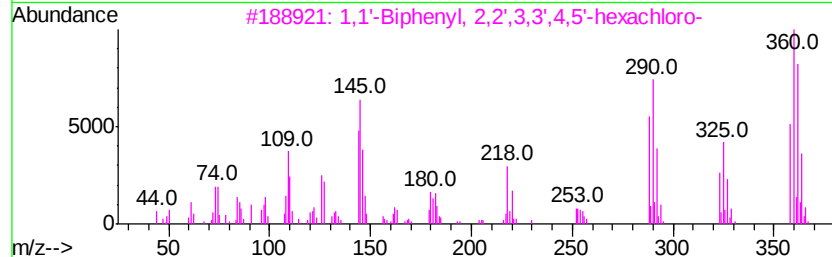
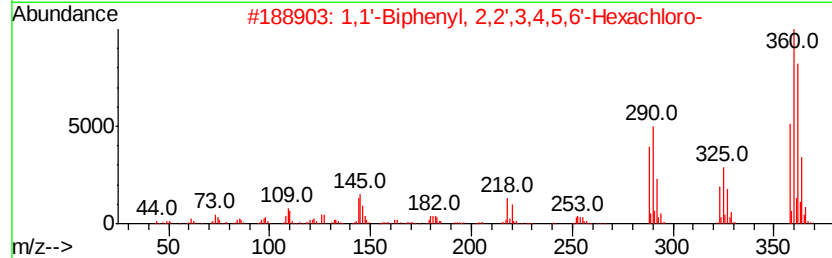
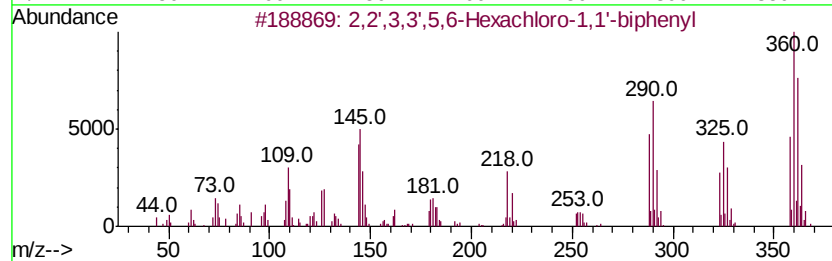
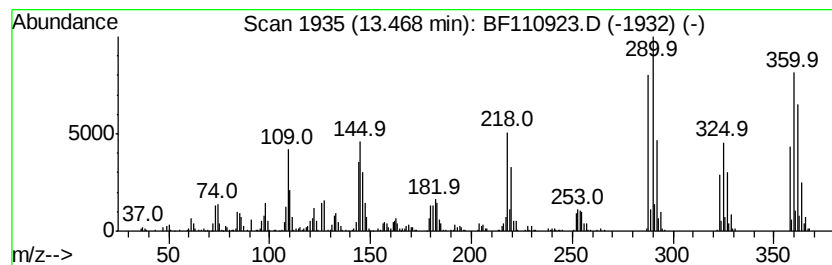
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.47	23.35 ng	1229350	Chrysene-d12	14.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99	
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99	
3	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99	
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99	
5	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RS-CON-WALL-2

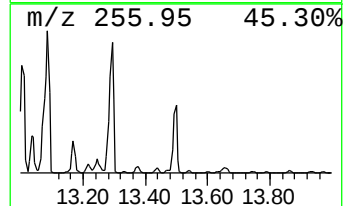
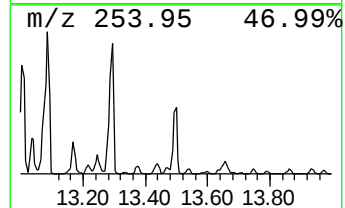
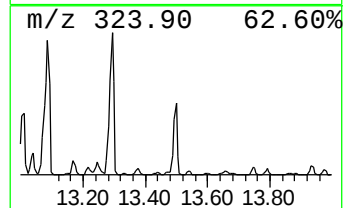
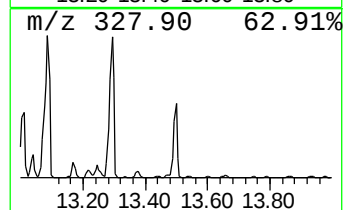
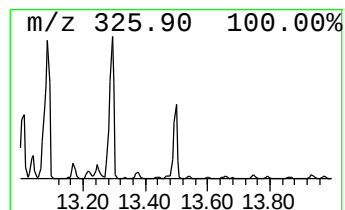
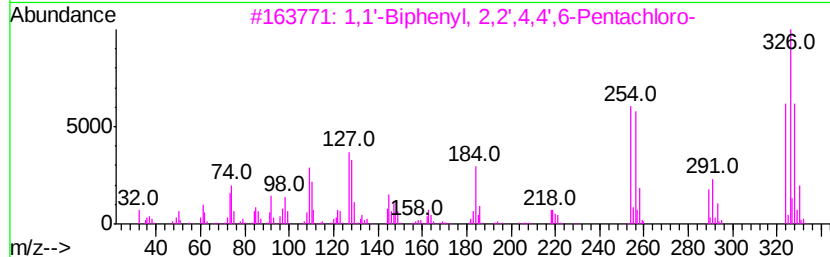
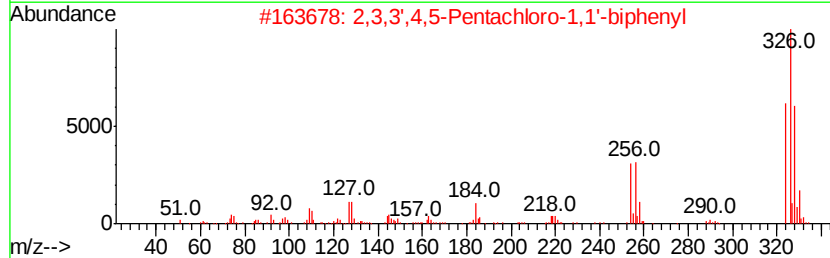
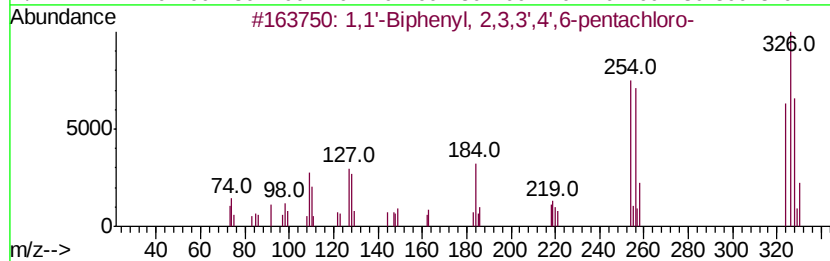
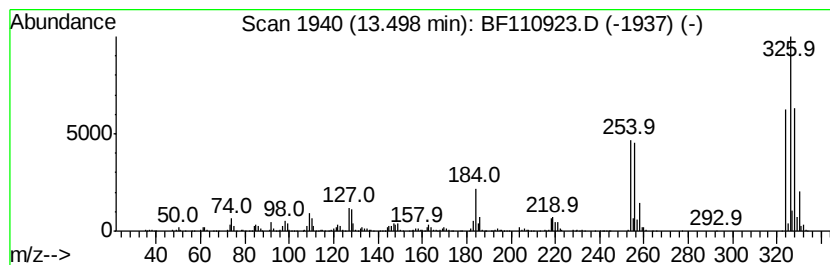
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2,3,3',4,5-Pentachloro-1,1'... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	26.24 ng	1381380	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
3		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5		1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-CON-WALL-2

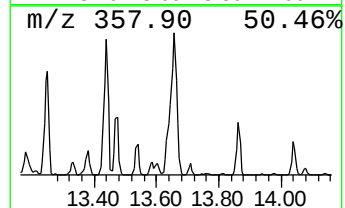
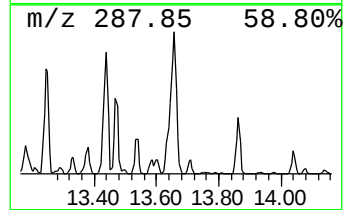
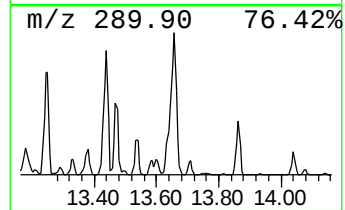
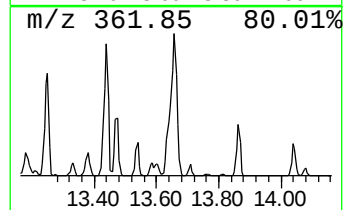
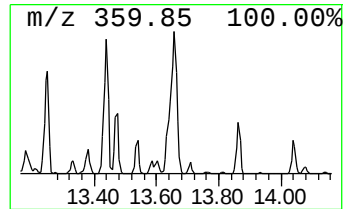
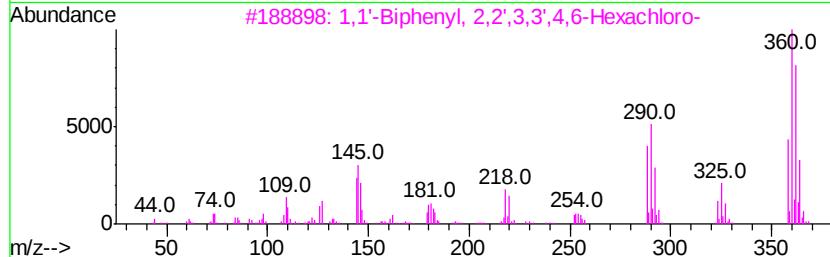
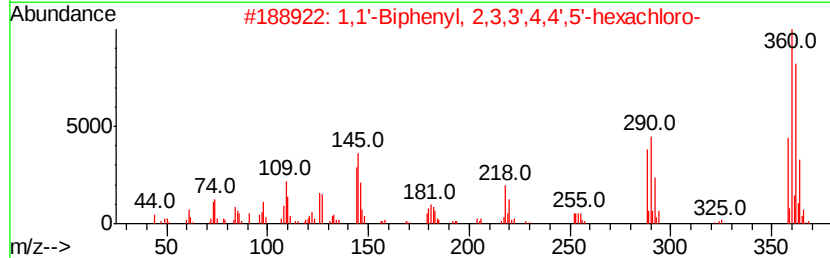
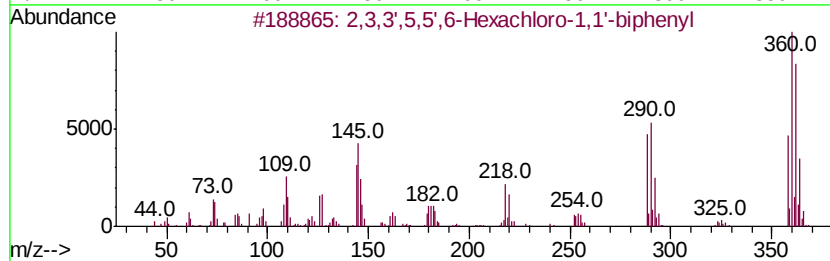
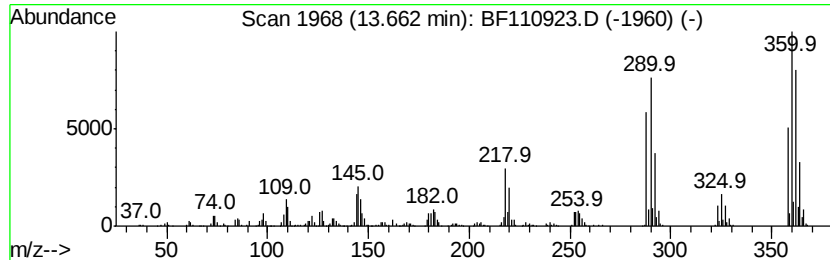
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2,3,3',5,5',6-Hexachloro-1,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	64.42 ng	3391580	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
2		1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	99
3		1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4		2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
5		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

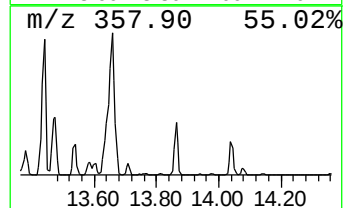
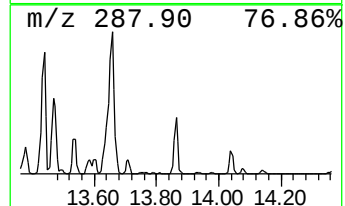
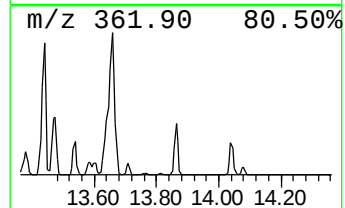
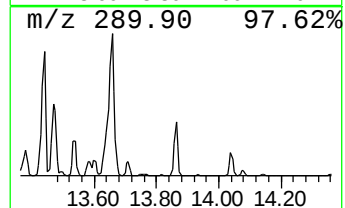
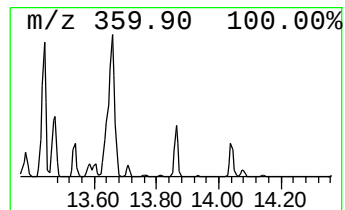
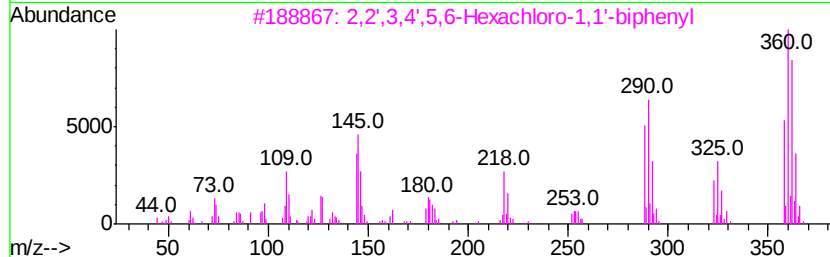
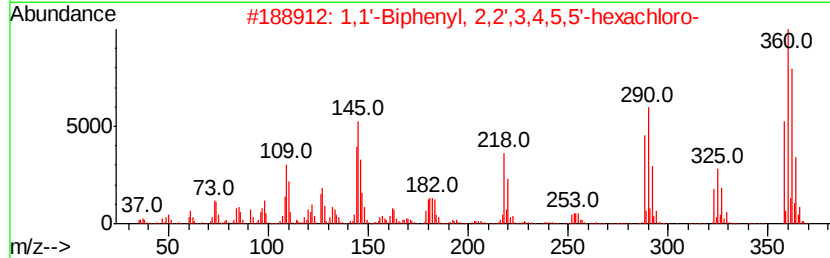
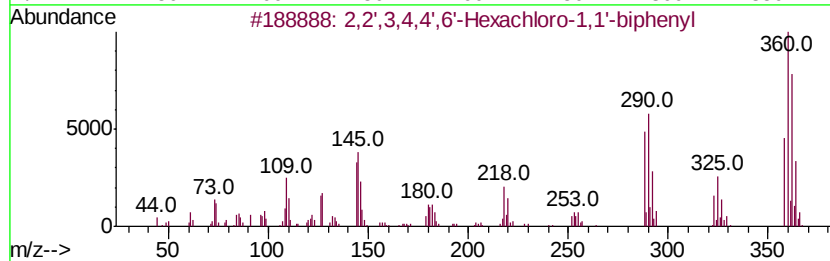
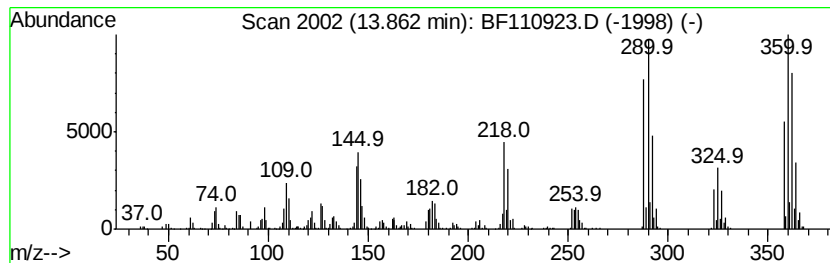
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ClientSampleId :
RS-CON-WALL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.86	15.58 ng	820350	Chrysene-d12		14.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'	3,4,4'	6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99
2	1,1'	-Biphenyl,	2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	2,2'	3,4',5,6	-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
4	1,1'	-Biphenyl,	2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
5	1,1'	-Biphenyl,	2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-CON-WALL-2

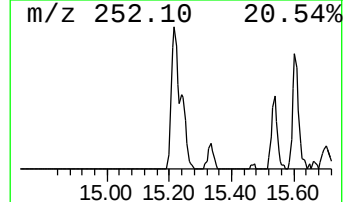
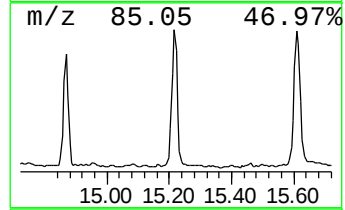
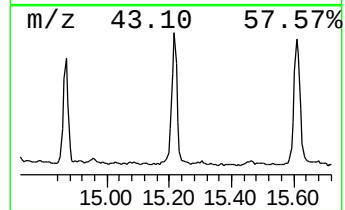
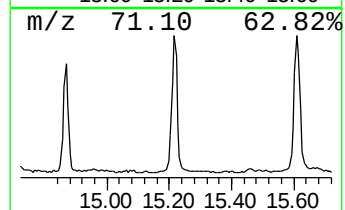
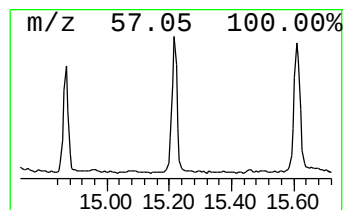
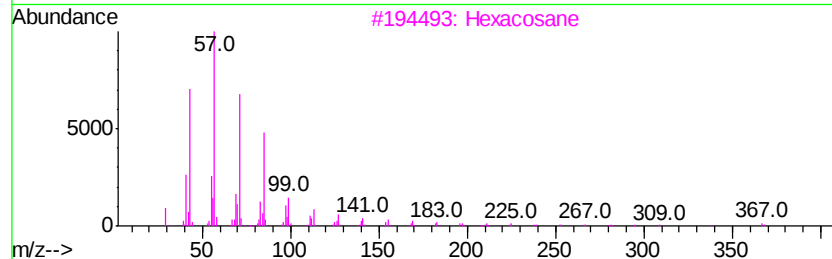
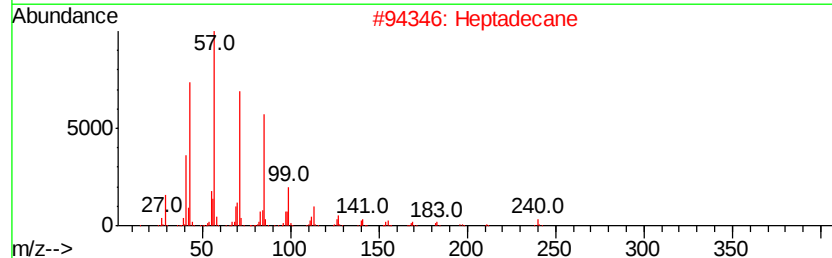
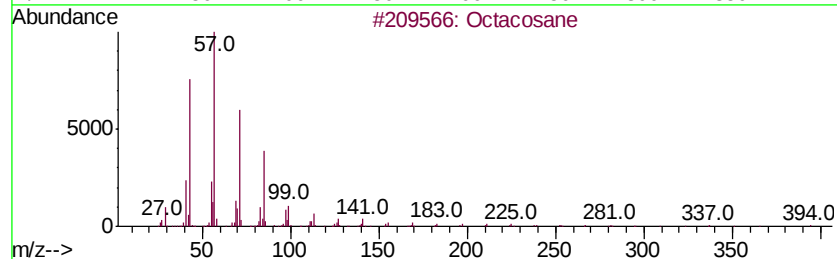
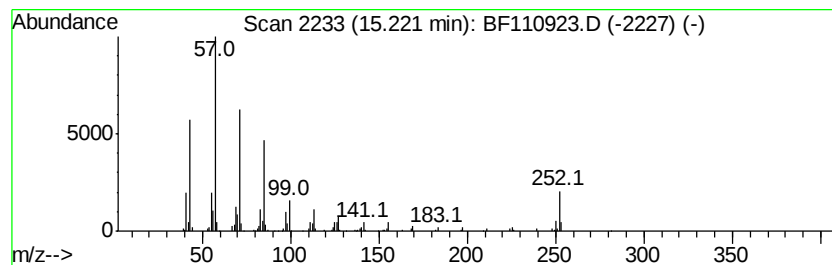
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	19.61 ng	433465	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Heptadecane	240	C17H36	000629-78-7	83
3		Hexacosane	366	C26H54	000630-01-3	83
4		Heneicosane	296	C21H44	000629-94-7	76
5		2-methyloctacosane	408	C29H60	1000376-72-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110923.D
Acq On : 21 Nov 2018 12:53
Operator : JU/SJ
Sample : J6006-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-CON-WALL-2

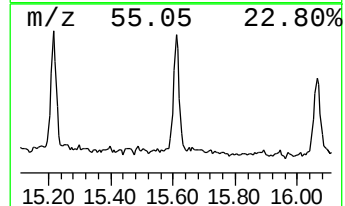
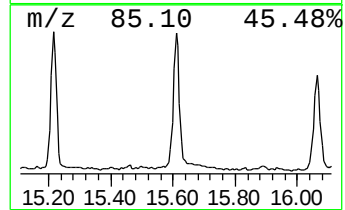
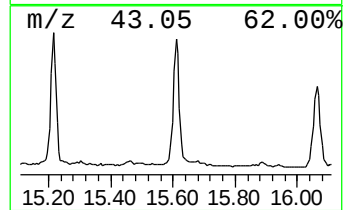
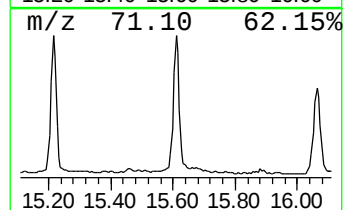
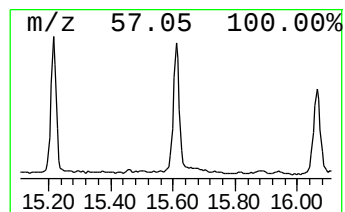
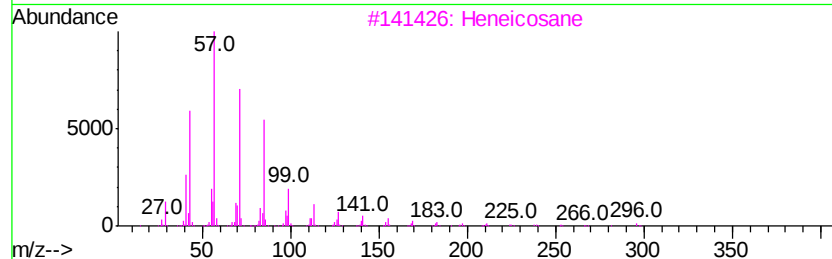
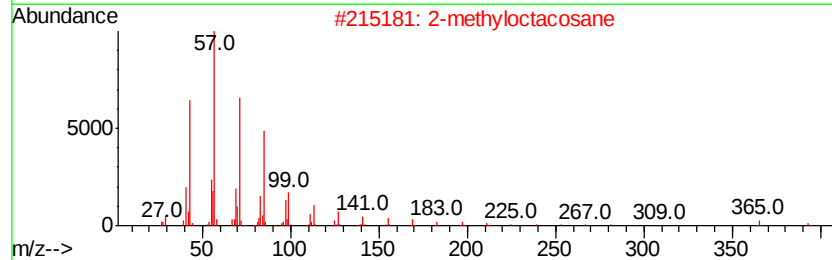
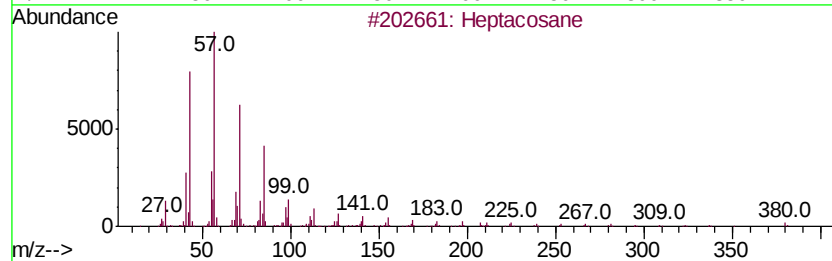
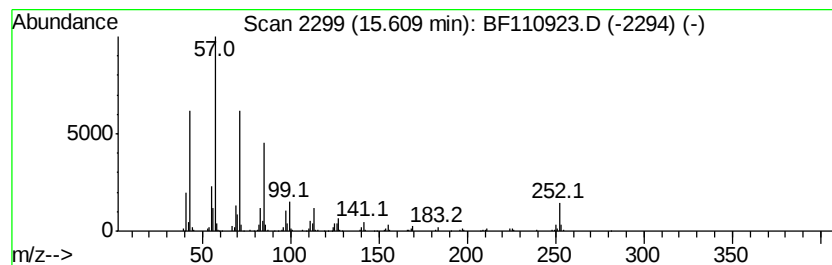
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	20.15 ng	445494	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110923.D
 Acq On : 21 Nov 2018 12:53
 Operator : JU/SJ
 Sample : J6006-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-CON-WALL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
unknown6.71	6.71	105.1	ng	2299980	1	6.94	437809	20.0
n-Hexadecanoic acid	12.00	47.5	ng	1622980	4	11.48	683157	20.0
1,1'-Biphenyl, 2,...	12.09	66.8	ng	2280160	4	11.48	683157	20.0
1,1'-Biphenyl, 2,...	12.12	15.4	ng	526239	4	11.48	683157	20.0
1,1'-Biphenyl, 2,...	12.26	30.3	ng	1035120	4	11.48	683157	20.0
2,3',4,5-Tetrachl...	12.56	16.0	ng	547187	4	11.48	683157	20.0
1,1'-Biphenyl, 2,...	12.60	143.8	ng	4911660	4	11.48	683157	20.0
2,2',3,4,6'-Penta...	12.66	14.7	ng	500545	4	11.48	683157	20.0
1,1'-Biphenyl, 2,...	13.00	40.8	ng	2146780	5	14.13	1053030	20.0
1,1'-Biphenyl, 2,...	13.17	18.8	ng	987884	5	14.13	1053030	20.0
1,1'-Biphenyl, 2,...	13.24	40.5	ng	2133890	5	14.13	1053030	20.0
1,1'-Biphenyl, 2,...	13.29	59.2	ng	3118110	5	14.13	1053030	20.0
1,1'-Biphenyl, 2,...	13.44	36.9	ng	1942250	5	14.13	1053030	20.0
2,2',3,3',5,6-Hex...	13.47	23.4	ng	1229350	5	14.13	1053030	20.0
2,3,3',4,5-Pentac...	13.50	26.2	ng	1381380	5	14.13	1053030	20.0
2,3,3',5,5',6-Hex...	13.66	64.4	ng	3391580	5	14.13	1053030	20.0
2,2',3,4,4',6'-He...	13.86	15.6	ng	820350	5	14.13	1053030	20.0
Octacosane	15.22	19.6	ng	433465	6	15.67	442178	20.0
Heptacosane	15.61	20.1	ng	445494	6	15.67	442178	20.0