

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128527.D
 Acq On : 28 May 2022 00:00
 Operator : CG\JU
 Sample : N2921-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-2430-01

Integration Parameters: rteint.p

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	471	475	482	rVB	66346	87381	1.26%	0.076%
2	5.457	533	539	542	rBV	4807888	5218111	75.12%	4.544%
3	6.463	703	710	713	rBV	4479606	5279360	76.00%	4.597%
4	6.575	726	729	739	rBV	108872	98120	1.41%	0.085%
5	6.839	770	774	777	rBV	1626525	1419804	20.44%	1.236%
6	7.398	863	869	872	rBV	3172245	3572433	51.43%	3.111%
7	8.122	986	992	995	rBV	1940554	1826312	26.29%	1.590%
8	9.198	1169	1175	1178	rBV	6126476	5935163	85.44%	5.168%
9	9.875	1281	1290	1294	rBV	2272463	1909946	27.49%	1.663%
10	10.663	1418	1424	1427	rBV	3620663	3295789	47.44%	2.870%
11	11.363	1539	1543	1546	rBV	2104972	1729451	24.90%	1.506%
12	11.704	1597	1601	1605	rVB	81950	98091	1.41%	0.085%
13	11.892	1629	1633	1644	rBV2	241361	266365	3.83%	0.232%
14	11.980	1644	1648	1651	rBV	591877	459071	6.61%	0.400%
15	12.016	1651	1654	1656	rVV	136531	98659	1.42%	0.086%
16	12.151	1673	1677	1679	rBV	176444	164542	2.37%	0.143%
17	12.257	1692	1695	1698	rVB	152622	139247	2.00%	0.121%
18	12.445	1724	1727	1729	rBV	208342	171977	2.48%	0.150%
19	12.498	1729	1736	1740	rVB2	2368158	2669914	38.43%	2.325%
20	12.545	1740	1744	1747	rBV	78702	70766	1.02%	0.062%
21	12.627	1754	1758	1763	rBV2	544562	585958	8.44%	0.510%
22	12.674	1763	1766	1770	rVV	2960811	2922621	42.07%	2.545%
23	12.716	1770	1773	1776	rVB	343441	273252	3.93%	0.238%
24	12.839	1790	1794	1798	rBV2	266351	247113	3.56%	0.215%
25	12.892	1798	1803	1806	rBV	649418	532211	7.66%	0.463%
26	12.921	1806	1808	1810	rBV	128592	126454	1.82%	0.110%
27	12.957	1810	1814	1819	rVB2	5011616	6383923	91.90%	5.559%
28	13.045	1825	1829	1832	rBV	2744447	2754746	39.66%	2.399%
29	13.074	1832	1834	1839	rVV	1407939	1653772	23.81%	1.440%
30	13.145	1841	1846	1849	rVV	5950489	5876636	84.60%	5.117%
31	13.174	1849	1851	1854	rVV	1105927	818486	11.78%	0.713%
32	13.221	1856	1859	1862	rBV	504096	414579	5.97%	0.361%
33	13.274	1862	1868	1872	rBV	1225001	1223888	17.62%	1.066%
34	13.339	1873	1879	1881	rVV	6195347	6618240	95.27%	5.763%
35	13.368	1881	1884	1891	rVB2	2059572	2237724	32.21%	1.948%
36	13.439	1891	1896	1900	rBV2	3259911	3597510	51.79%	3.132%

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Peak Location: TOP

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Peak separation: 5

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37	13.498	1900	1906	1908	rBV	878283	792062	11.40%	0.690%
38	13.551	1908	1915	1918	rVV	4543944	6946671	100.00%	6.049%
39	13.580	1918	1920	1923	rVV	999448	840784	12.10%	0.732%
40	13.627	1925	1928	1929	rVV2	207239	222192	3.20%	0.193%
41	13.651	1929	1932	1935	rVB	4217564	3854584	55.49%	3.356%
42	13.692	1935	1939	1943	rVB	2298663	1959463	28.21%	1.706%
43	13.757	1946	1950	1952	rBV	705864	644911	9.28%	0.562%
44	13.786	1952	1955	1958	rVB	615362	534476	7.69%	0.465%
45	13.839	1959	1964	1967	rBV	3826962	3582601	51.57%	3.120%
46	13.874	1967	1970	1974	rVV2	2416912	2456946	35.37%	2.139%
47	13.915	1974	1977	1979	rVV	1114776	1143672	16.46%	0.996%
48	13.933	1979	1980	1982	rVV	573538	410830	5.91%	0.358%
49	13.986	1986	1989	1991	rVV	753766	799020	11.50%	0.696%
50	14.010	1991	1993	1995	rVV	1214124	1001602	14.42%	0.872%
51	14.051	1995	2000	2003	rVV	6172787	6504722	93.64%	5.664%
52	14.104	2006	2009	2012	rVV	1105015	1108617	15.96%	0.965%
53	14.139	2012	2015	2018	rVB	317376	268768	3.87%	0.234%
54	14.263	2031	2036	2040	rBV	3442452	3518650	50.65%	3.064%
55	14.304	2040	2043	2047	rVV	1809624	1616786	23.27%	1.408%
56	14.351	2047	2051	2054	rVB	1988386	1796569	25.86%	1.564%
57	14.468	2068	2071	2078	rBV3	139788	182032	2.62%	0.159%
58	14.568	2085	2088	2092	rVB	788852	700327	10.08%	0.610%
59	14.715	2109	2113	2117	rBV	1625969	1617567	23.29%	1.408%
60	14.751	2117	2119	2124	rVB2	98763	92954	1.34%	0.081%
61	15.004	2158	2162	2166	rVB	283600	301361	4.34%	0.262%
62	15.468	2236	2241	2247	rBV	901080	1089840	15.69%	0.949%
63	17.062	2508	2512	2519	rVB3	40894	79349	1.14%	0.069%

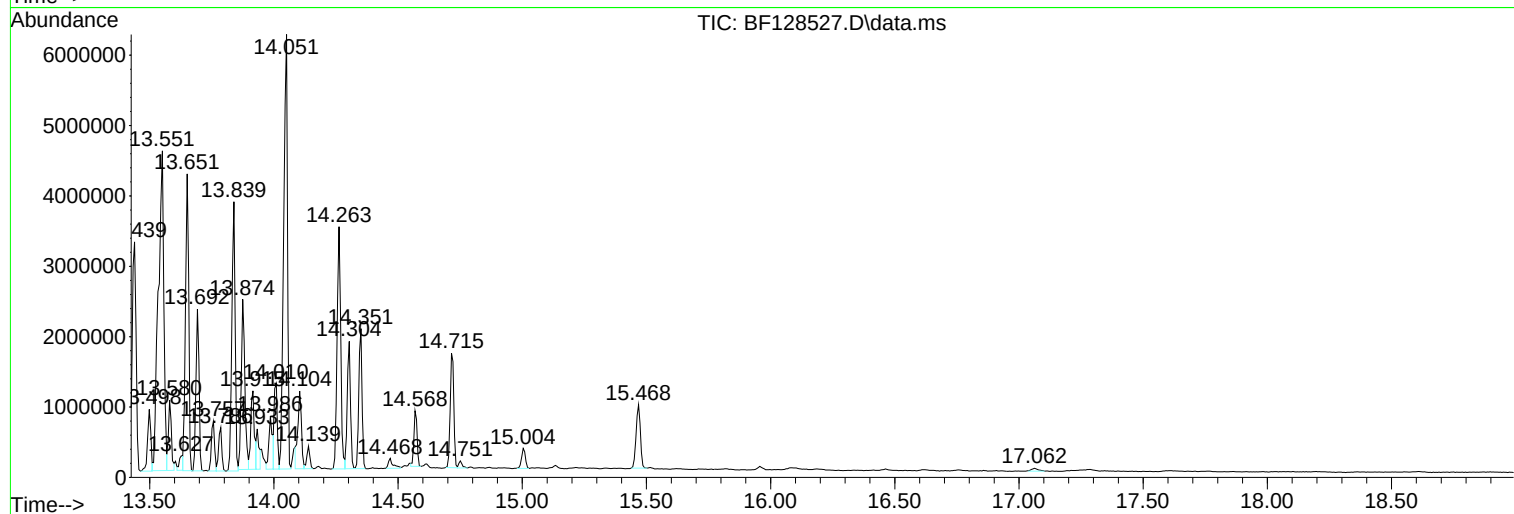
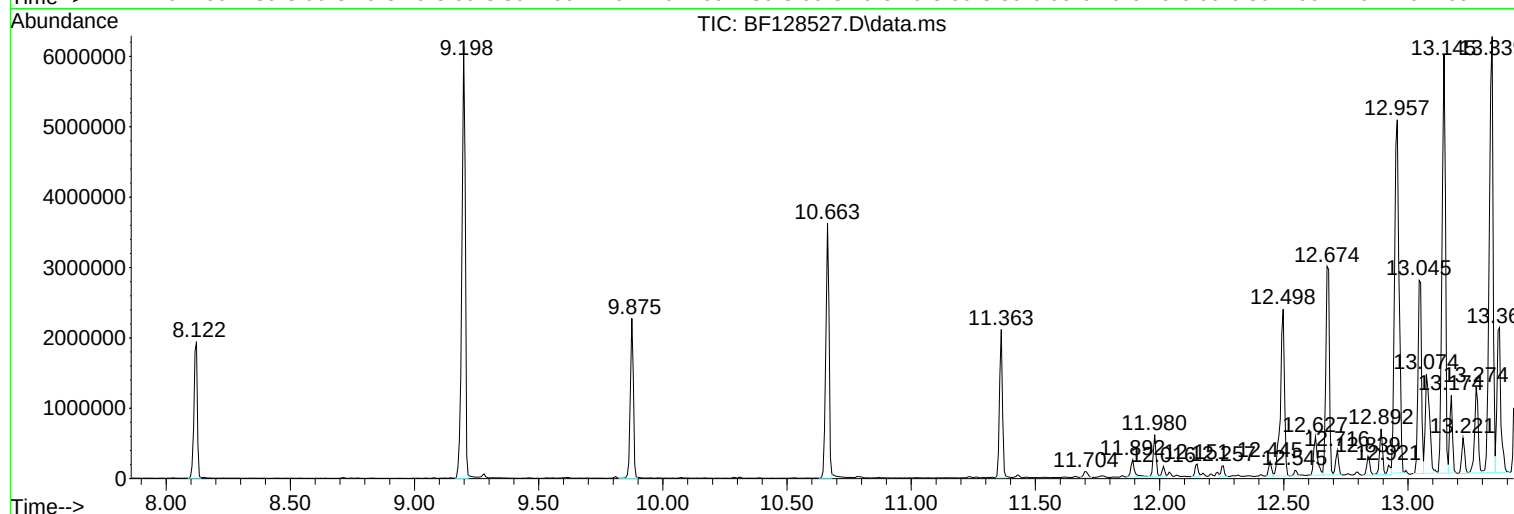
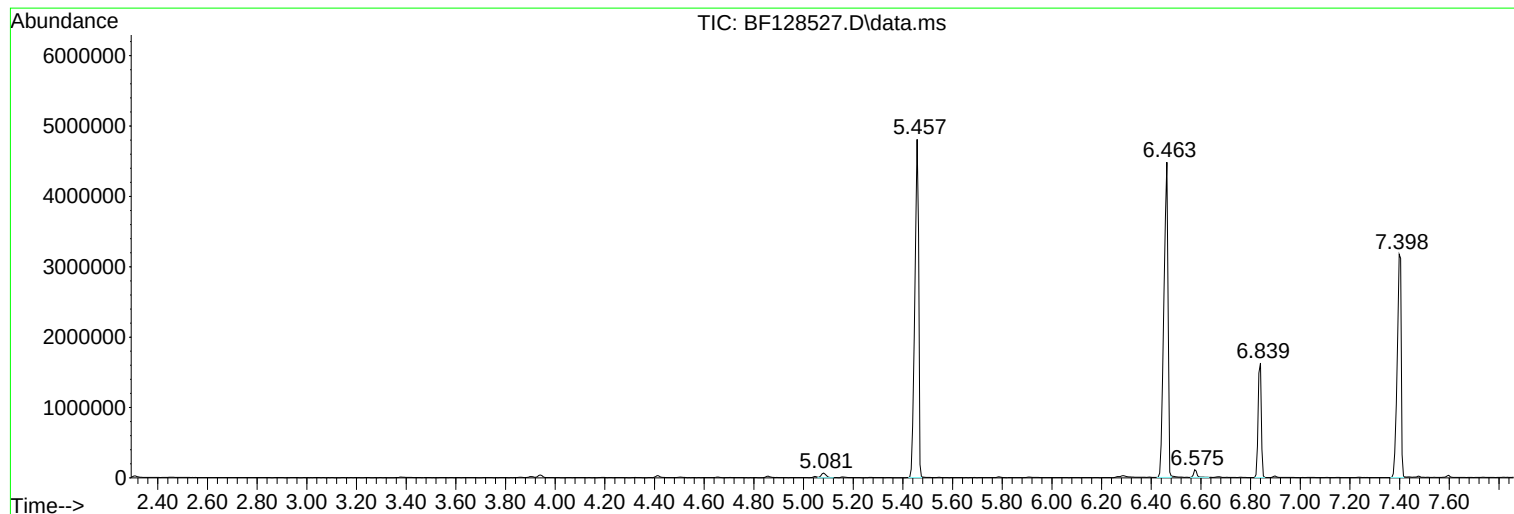
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Instrument :
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ClientSampleId :
P013-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

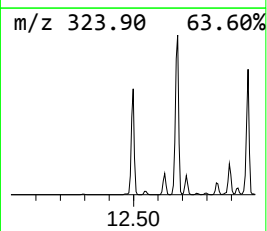
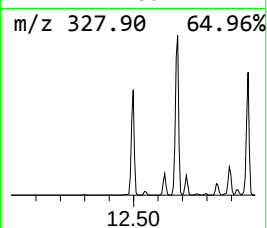
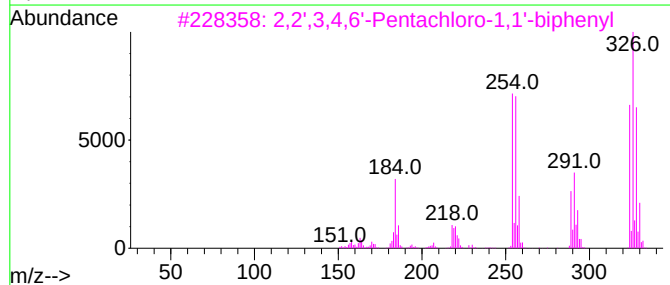
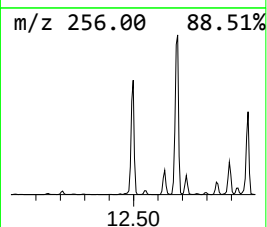
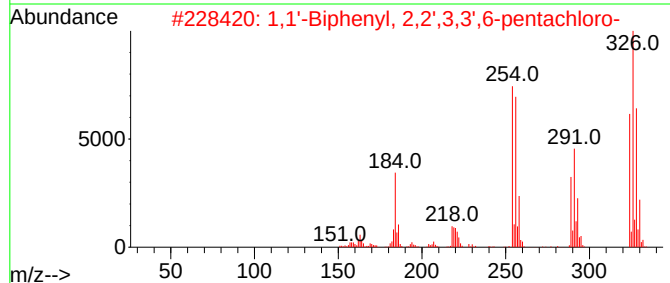
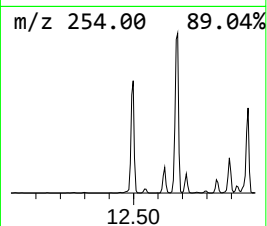
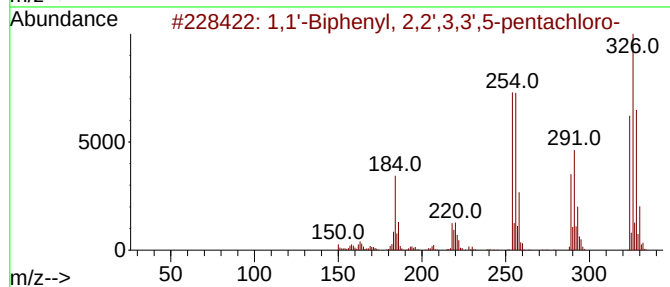
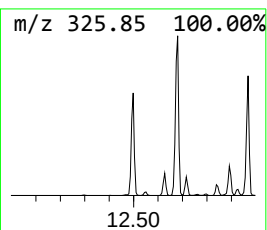
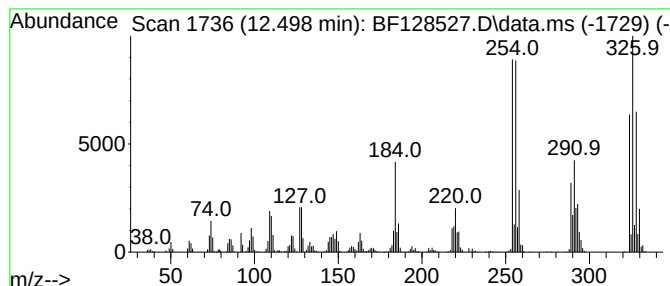
Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.498	30.88 ng	2669910	Phenanthrene-d10	11.363		
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	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99	
4	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99	
5	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	99	



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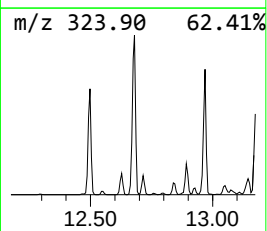
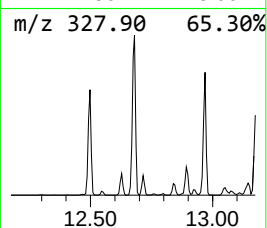
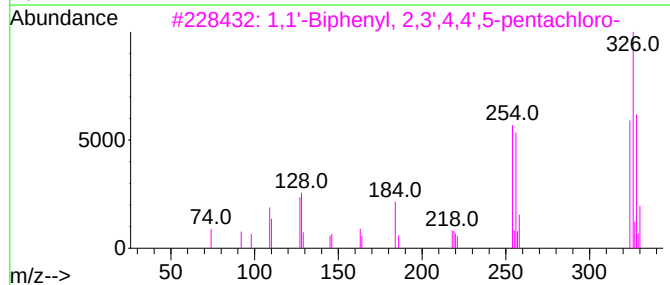
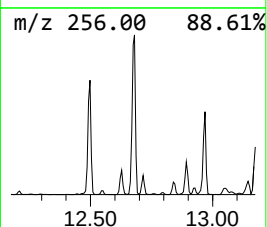
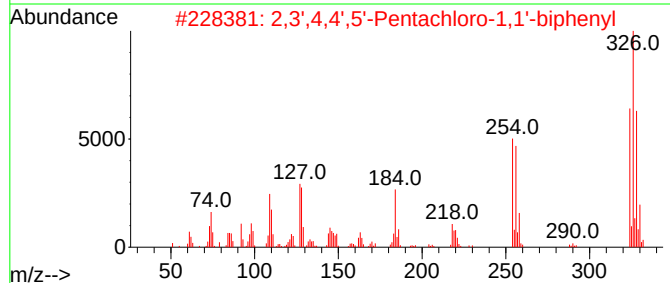
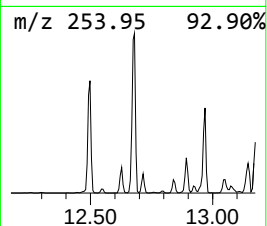
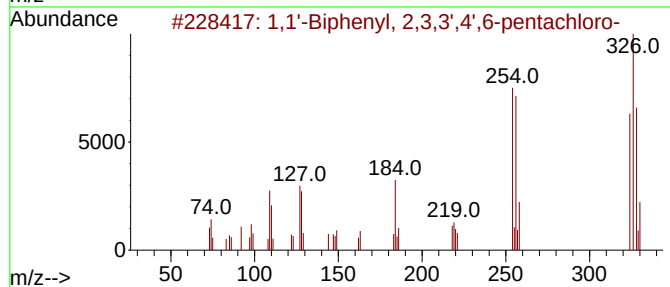
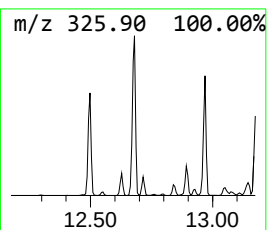
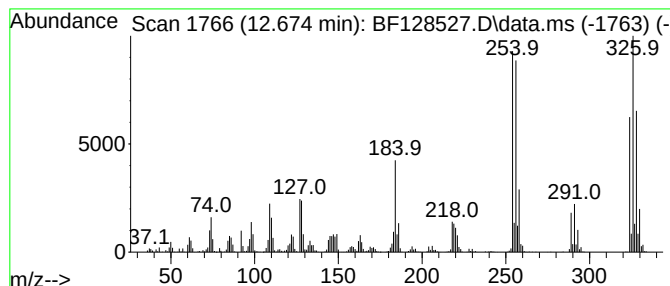
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.674	33.80 ng	2922620	Phenanthrene-d10	11.363		
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	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	99	
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99	
4	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99	
5	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	99	



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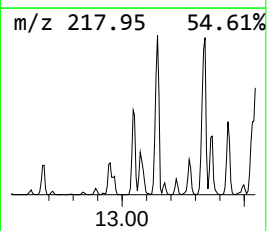
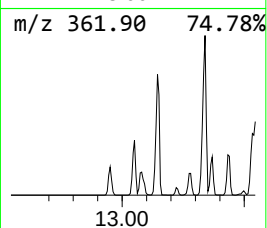
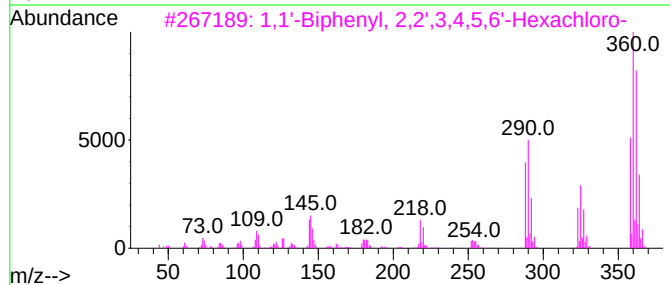
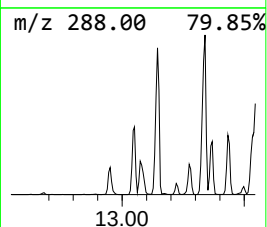
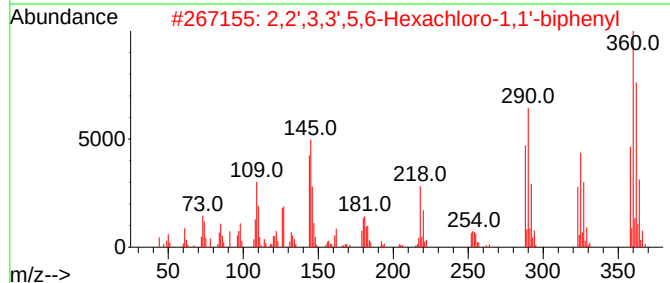
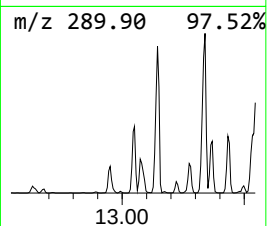
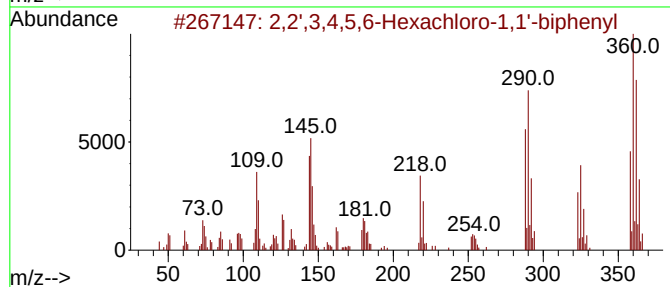
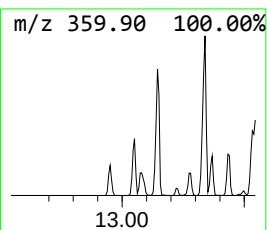
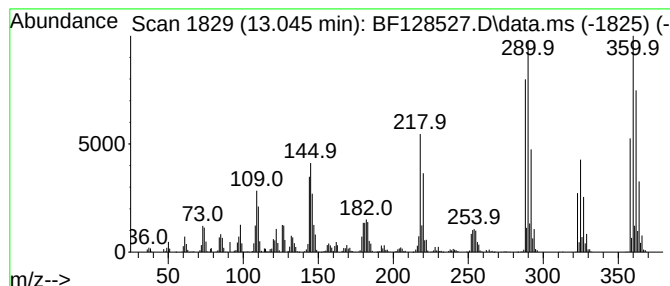
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.			
13.045	55.01 ng	2754750	Chrysene-d12	14.010			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99		
2	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99		
3	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99		
4	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99		
5	2,2',3,4,4',6'-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-64-4	99		



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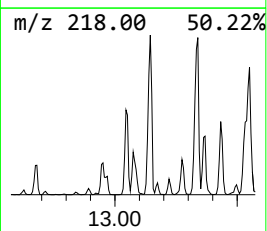
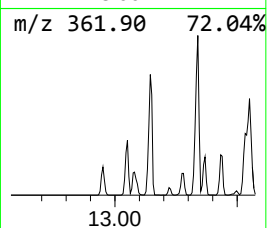
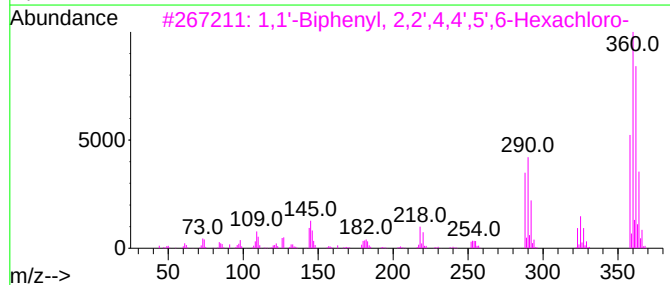
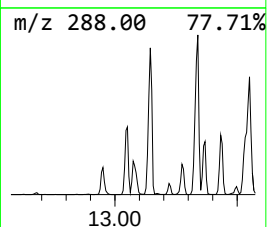
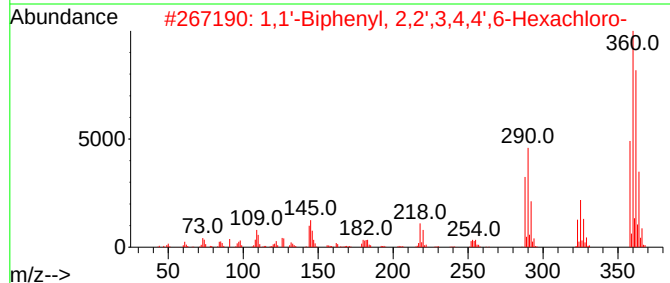
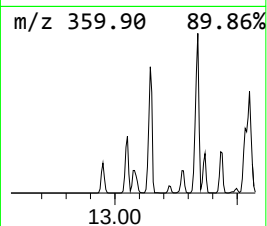
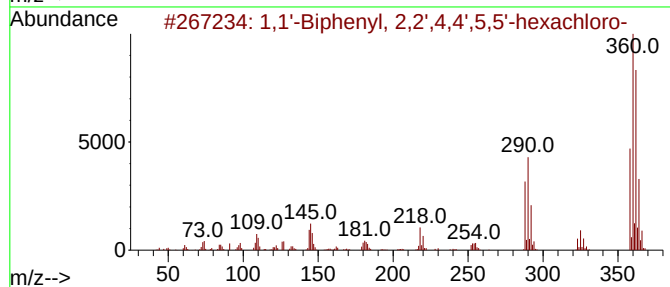
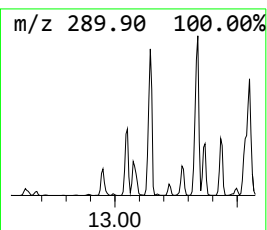
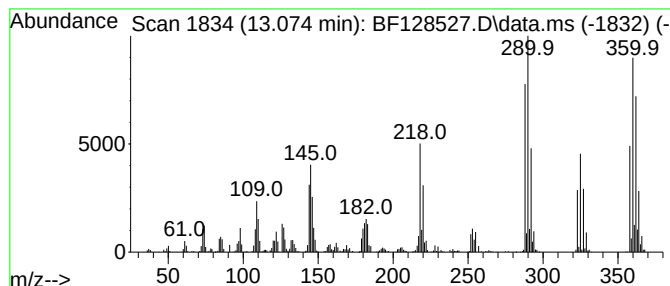
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.074	33.02 ng	1653770	Chrysene-d12	14.010		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99	
2	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99	
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99	
4	1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	99	
5	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P013-SS002-2430-01

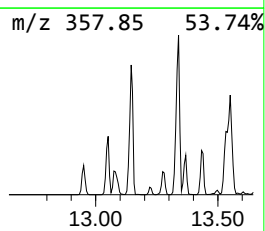
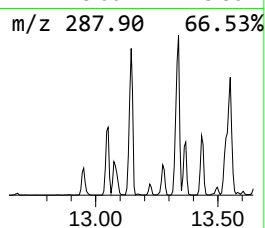
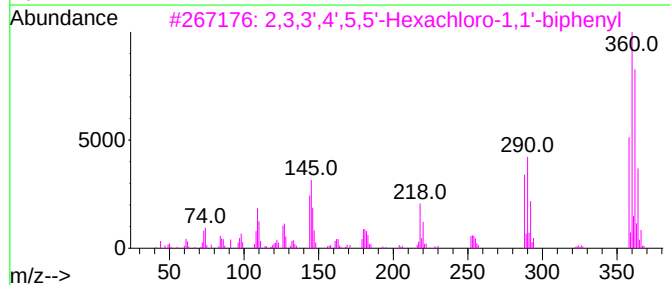
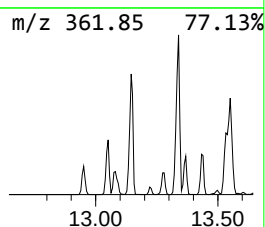
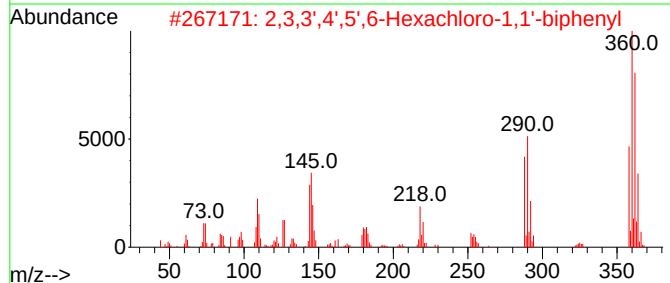
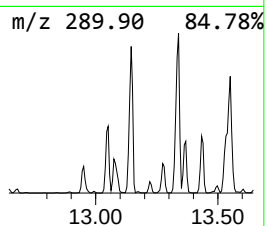
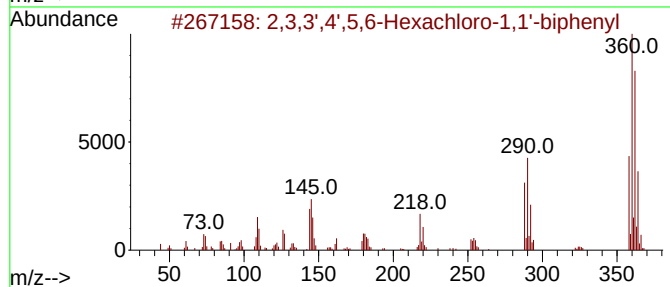
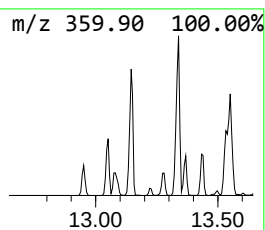
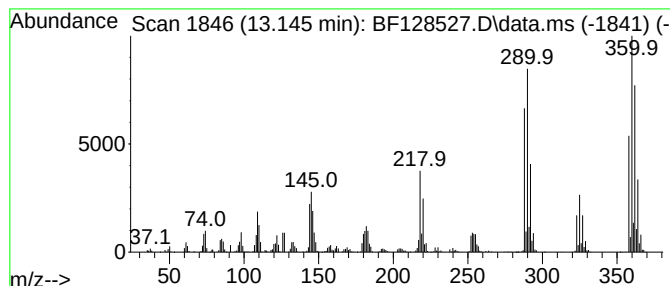
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	117.35 ng	5876640	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99		
2	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99		
3	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99		
4	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	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\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P013-SS002-2430-01

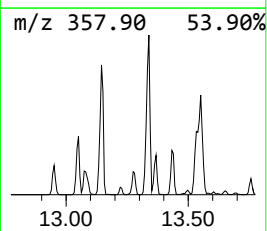
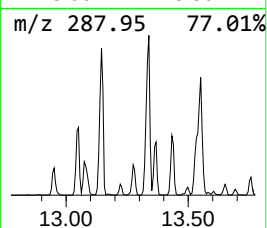
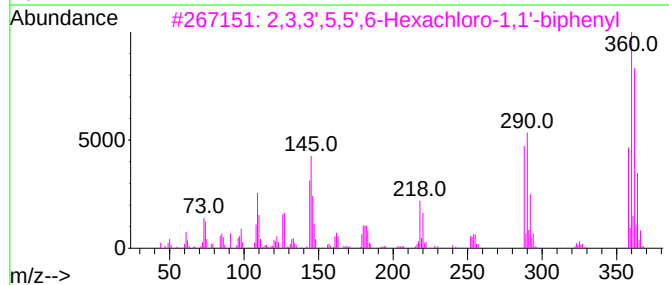
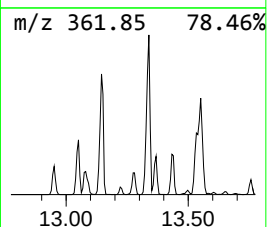
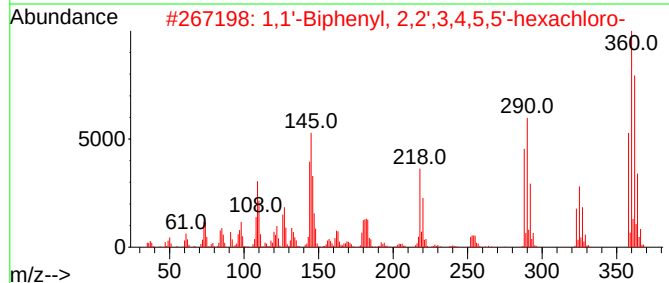
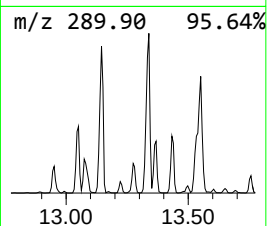
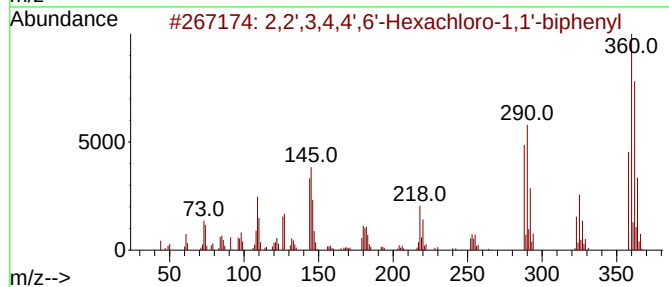
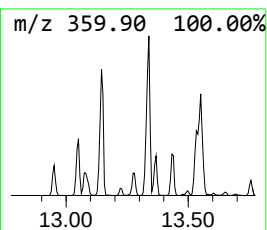
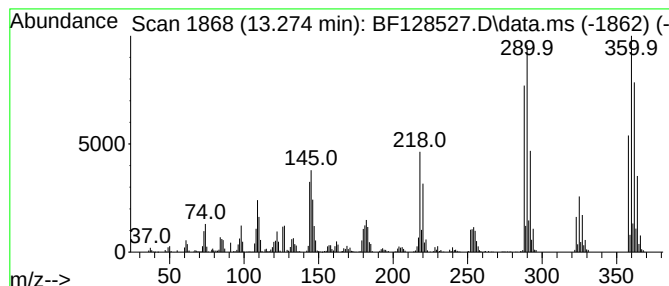
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	24.44 ng	1223890	Chrysene-d12	14.010

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	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99		
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	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\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P013-SS002-2430-01

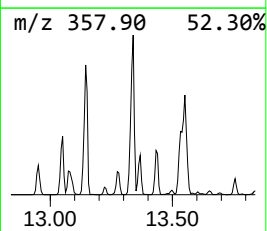
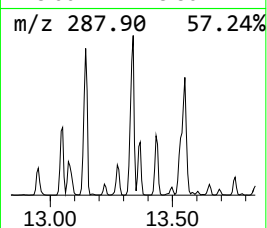
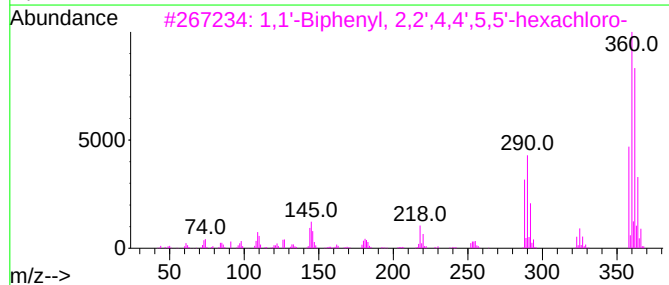
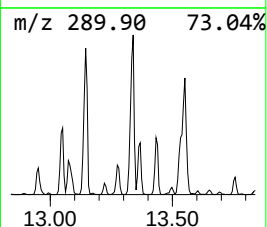
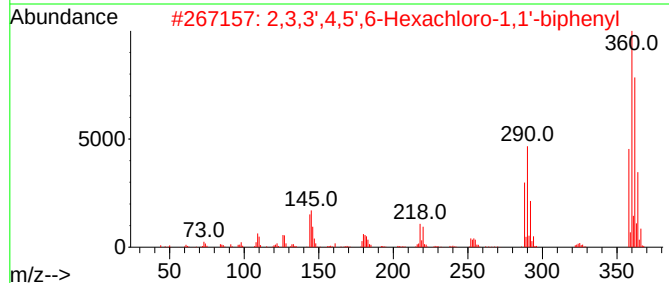
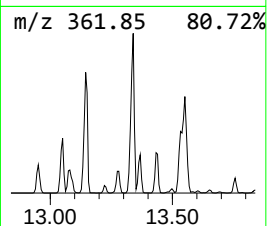
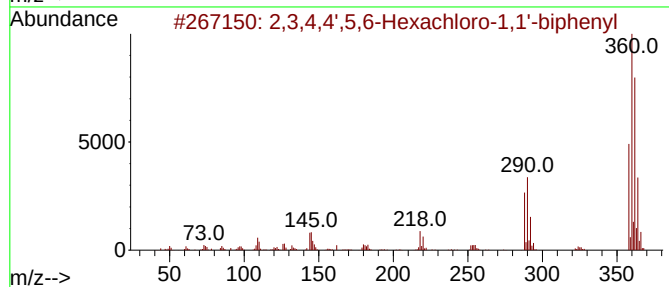
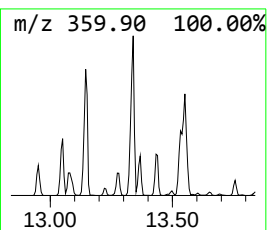
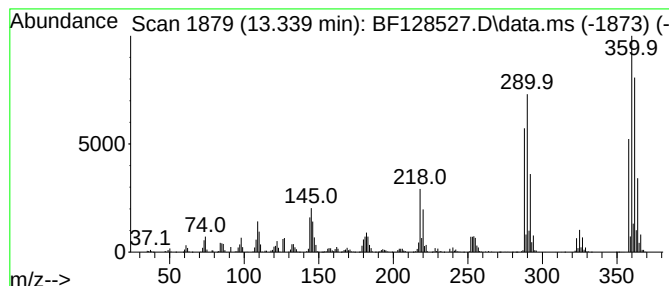
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.339	132.15 ng	6618240	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	074472-43-8	99		
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99		
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99		
5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

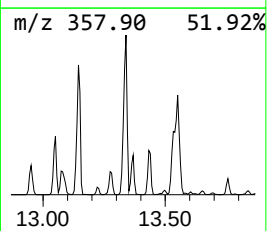
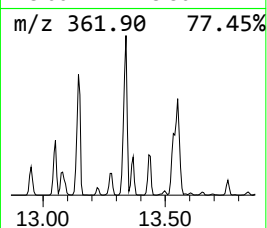
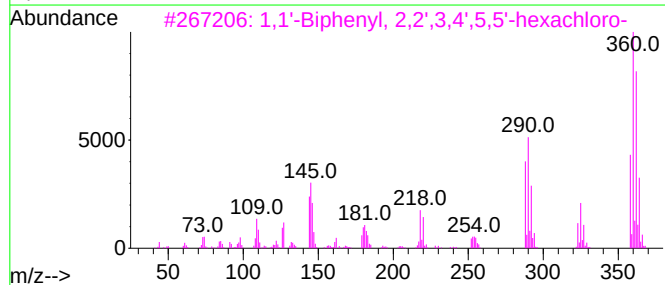
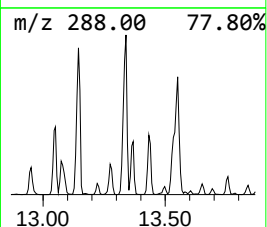
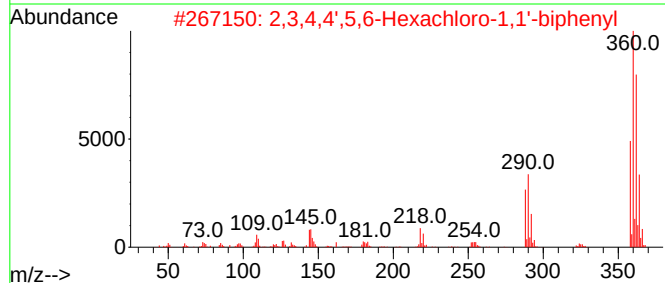
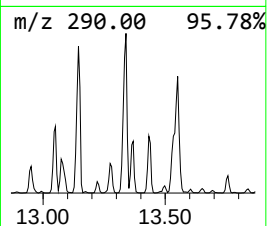
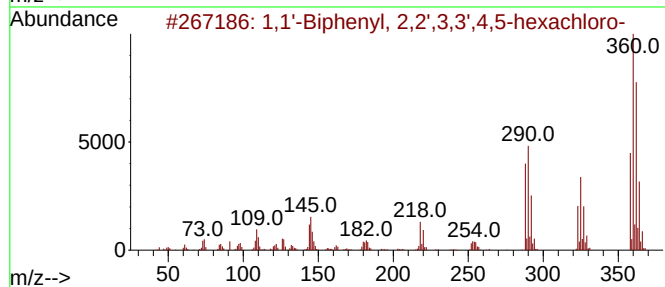
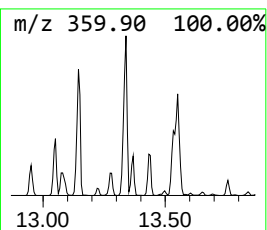
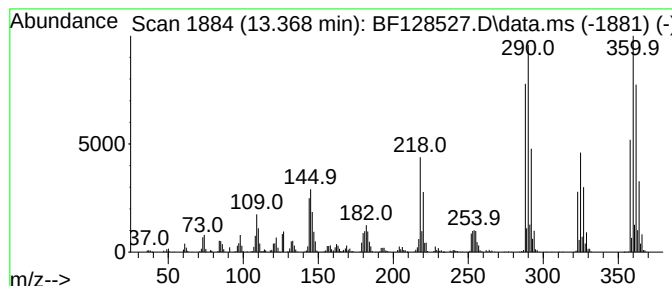
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ClientSampleId :
P013-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.368	44.68 ng	2237720	Chrysene-d12	14.010		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99	
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99	
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99	
4	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	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\BF052722\
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Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

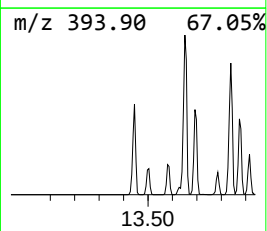
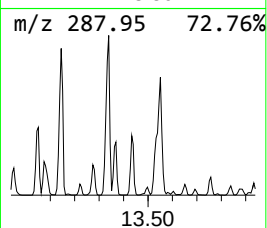
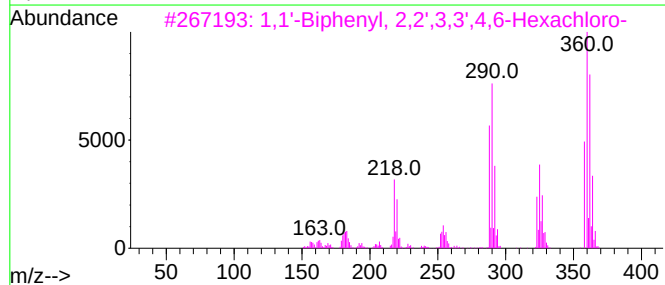
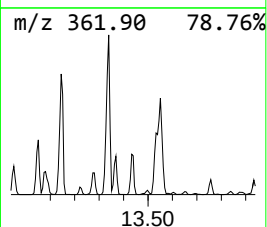
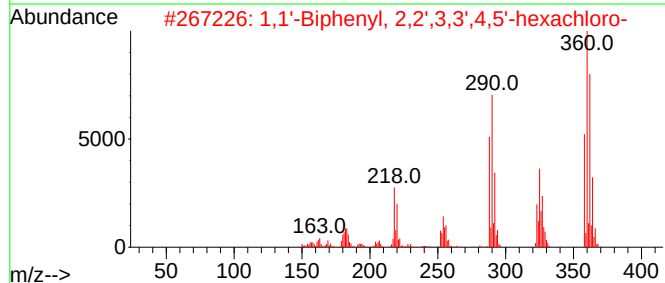
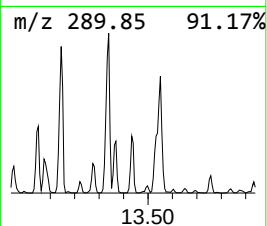
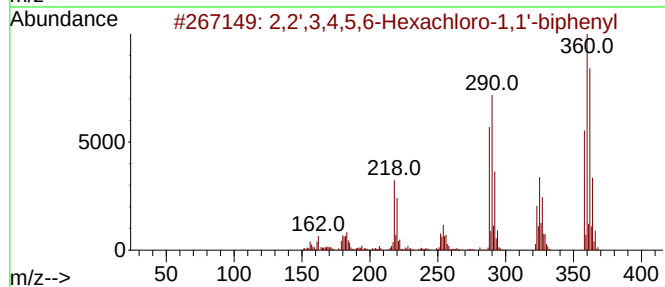
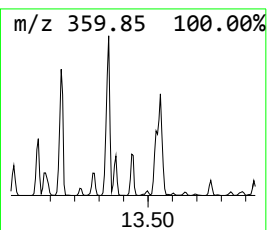
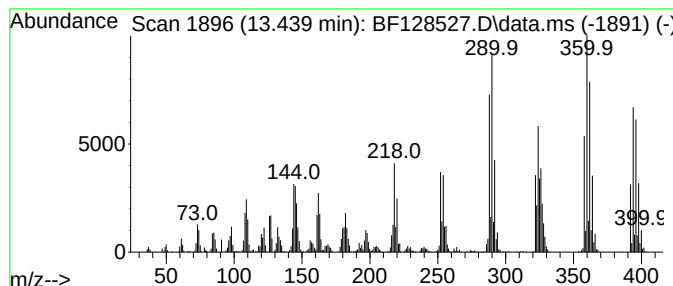
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.439	71.84 ng	3597510	Chrysene-d12	14.010	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-61-4	99
2	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4	2,2',3,4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-13-8	99
5	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
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Acq On : 28 May 2022 00:00
Operator : CG\JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P013-SS002-2430-01

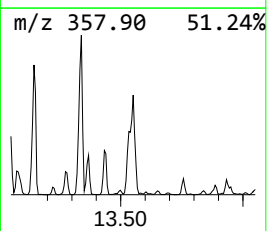
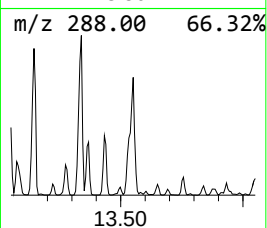
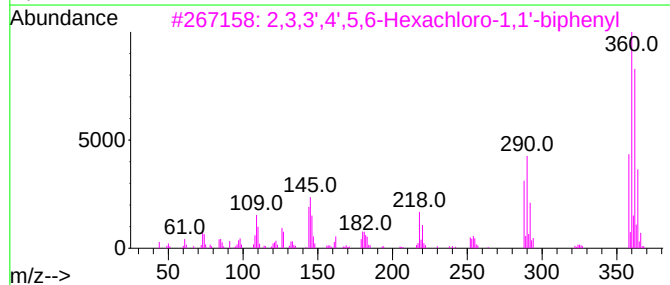
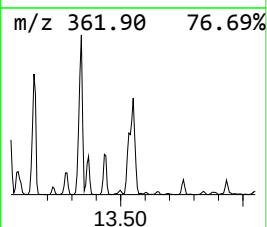
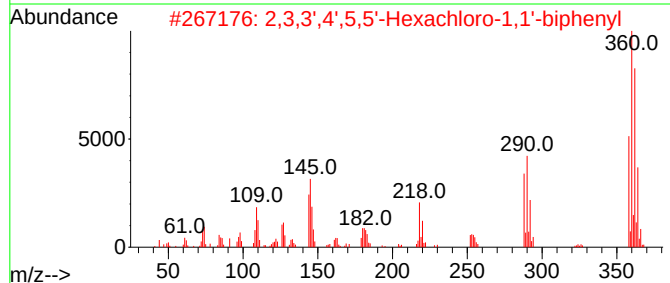
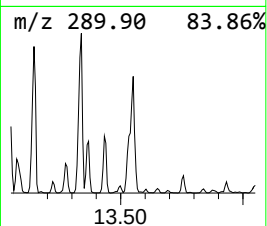
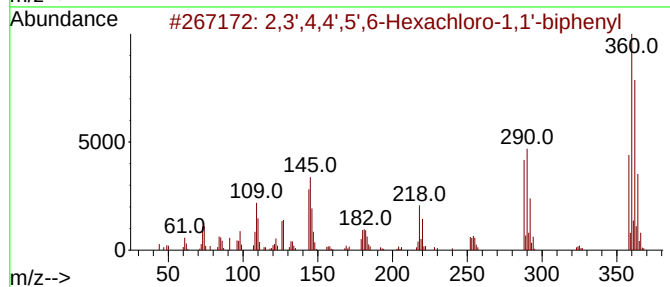
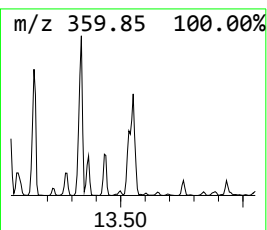
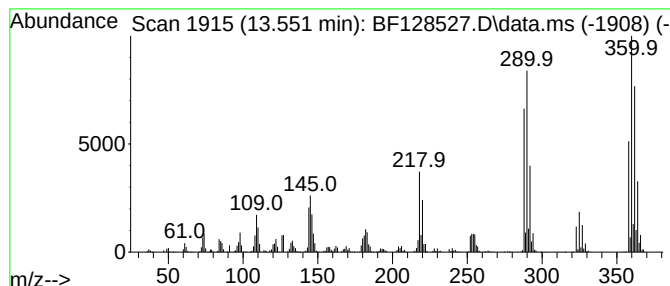
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	138.71 ng	6946670	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99		
2	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	99		
3	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99		
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99		
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
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ALS Vial : 15 Sample Multiplier: 1

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P013-SS002-2430-01

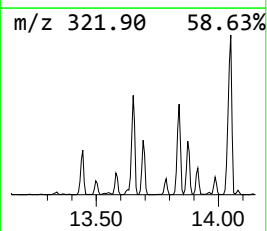
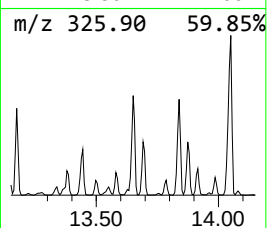
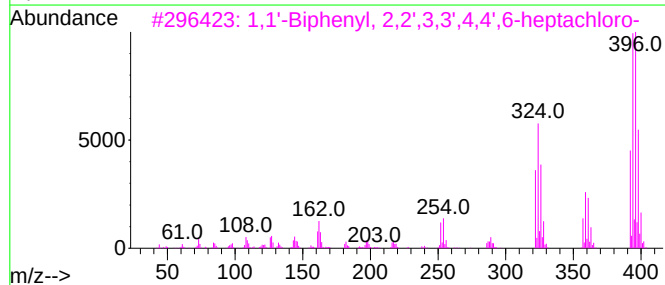
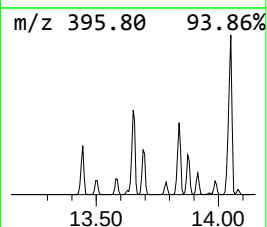
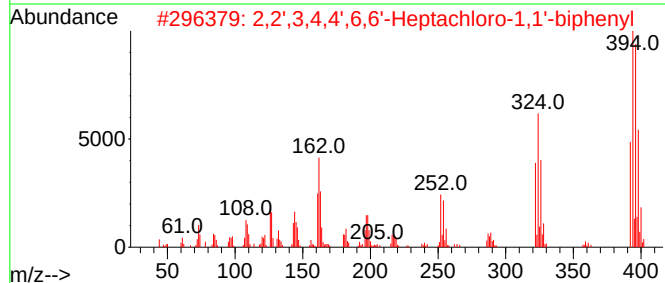
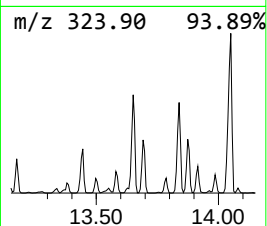
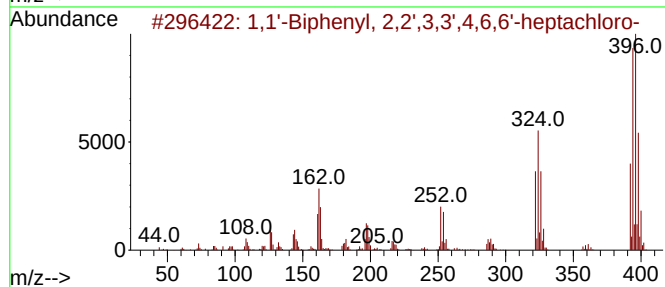
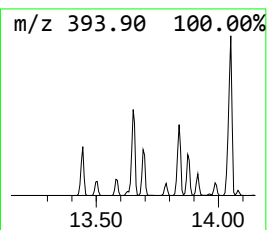
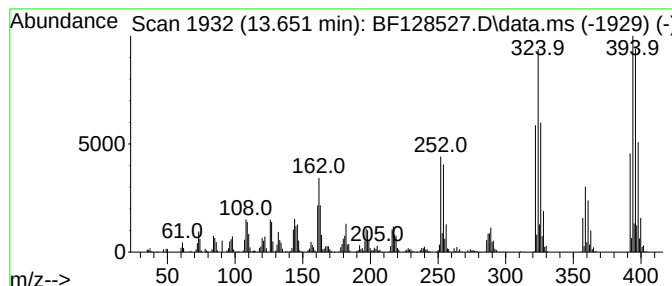
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	76.97 ng	3854580	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99		
2	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99		
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99		
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	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\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

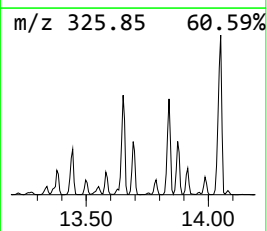
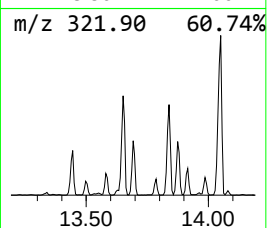
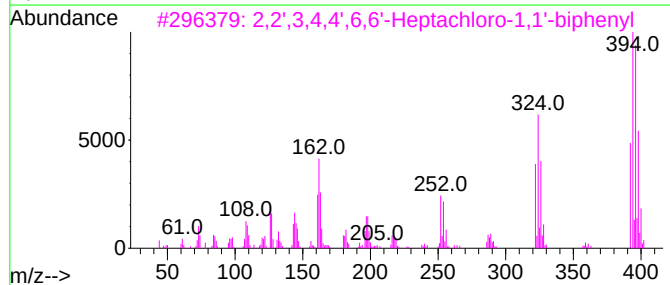
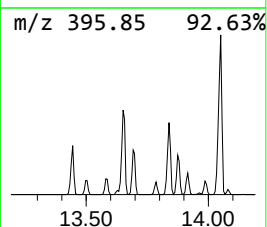
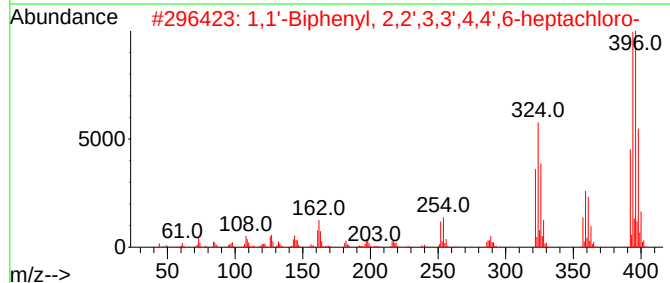
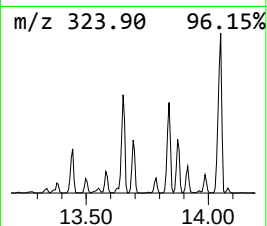
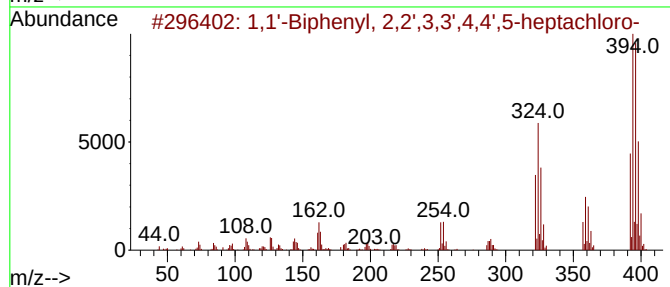
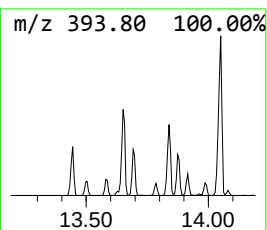
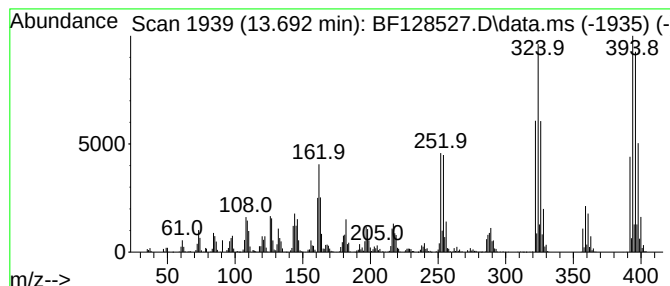
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ClientSampleId :
P013-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.692	39.13 ng	1959460	Chrysene-d12		14.010	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99	
2	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99	
3	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99	
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99	
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
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Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

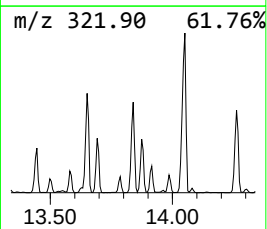
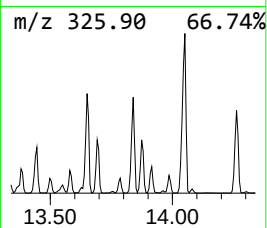
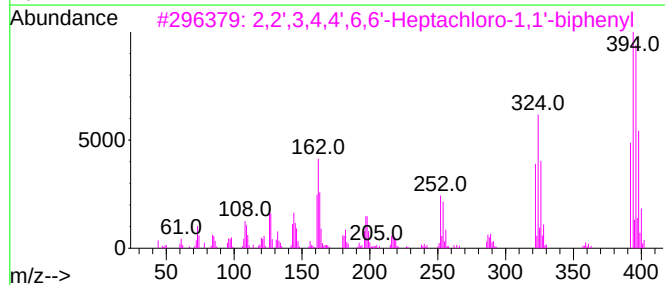
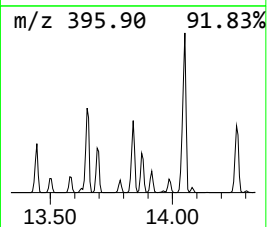
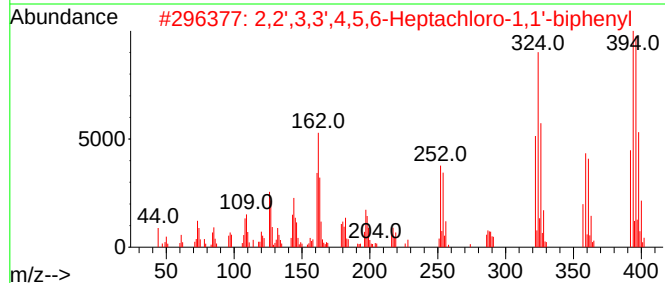
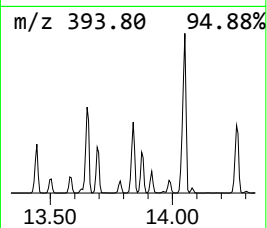
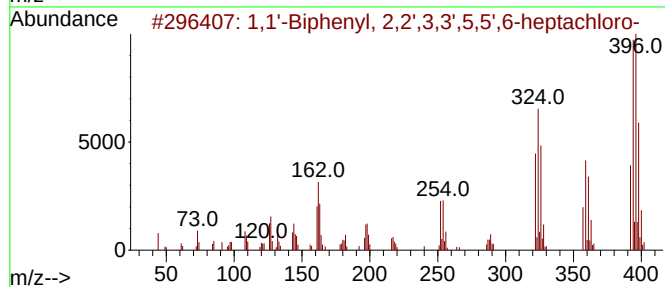
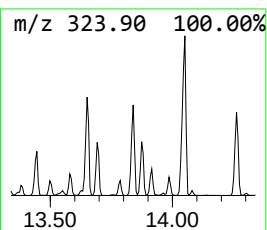
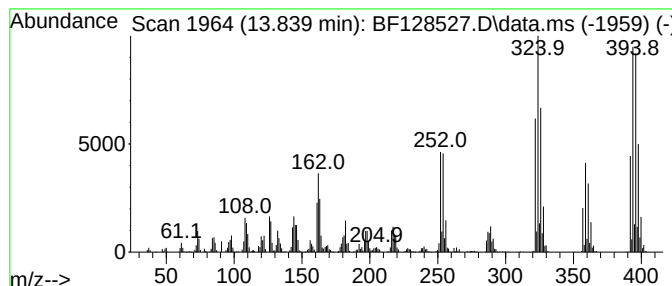
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ClientSampleId :
P013-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.839	71.54 ng	3582600	Chrysene-d12			14.010
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7		052663-67-9	99
2	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7		068194-16-1	99
3	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7		074472-48-3	99
4	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7		052663-69-1	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\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

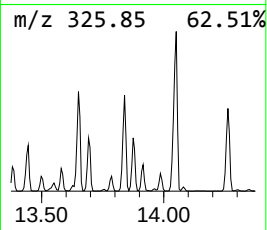
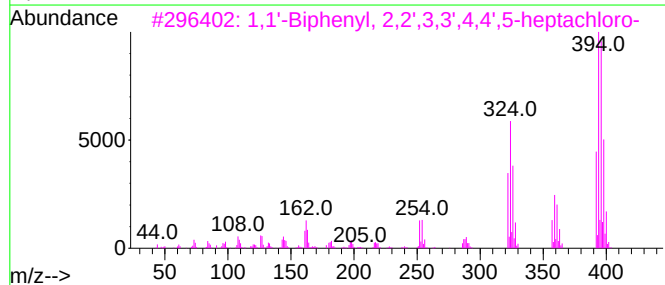
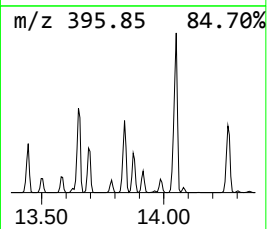
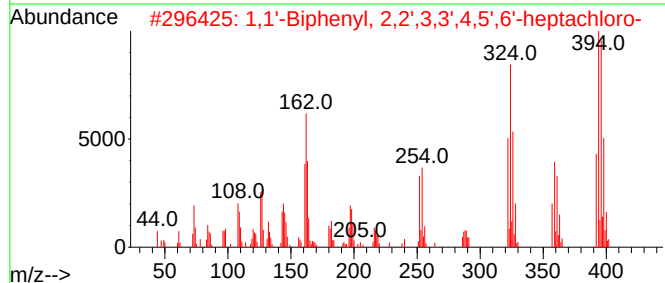
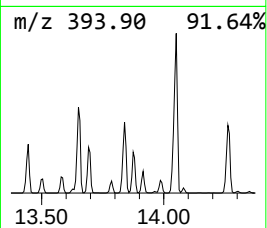
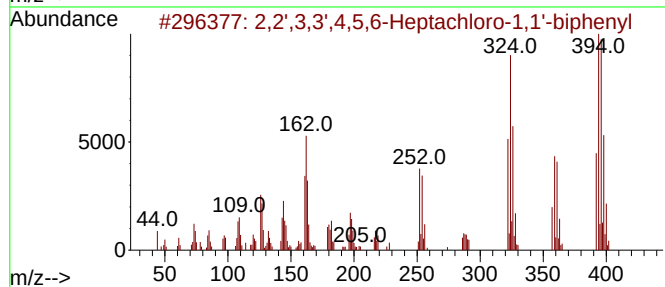
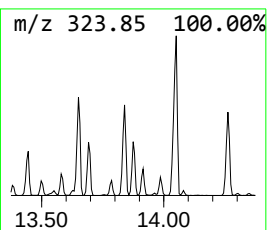
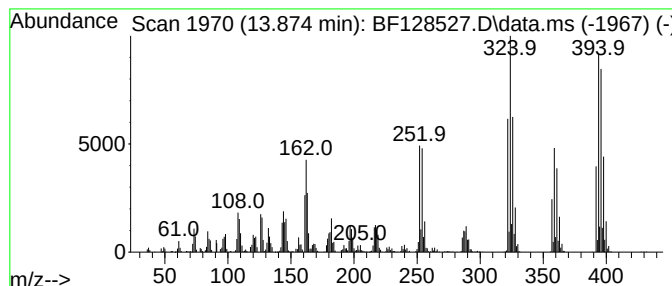
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2,2',3,3',4,5,6-Heptachloro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	49.06 ng	2456950	Chrysene-d12	14.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7	068194-16-1	99	
2	1,1'-Biphenyl, 2,2',3,3',4,5',6'...	392	C12H3Cl7	052663-70-4	99	
3	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99	
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99	
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

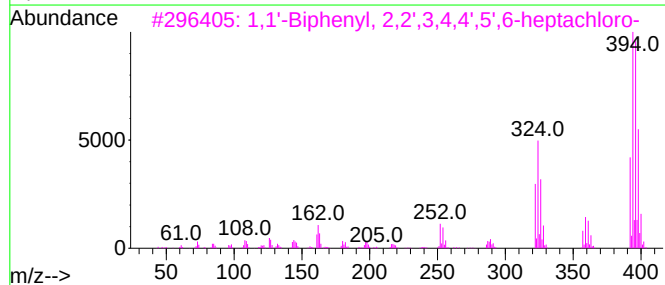
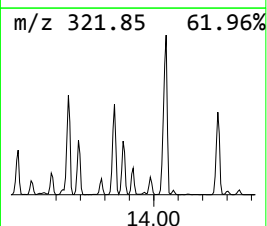
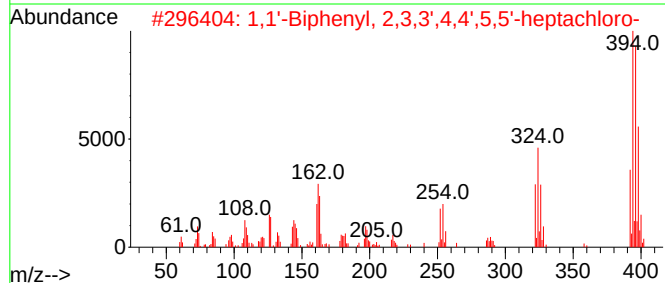
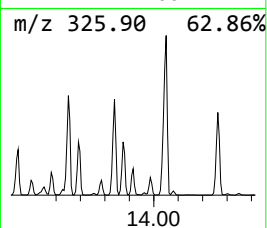
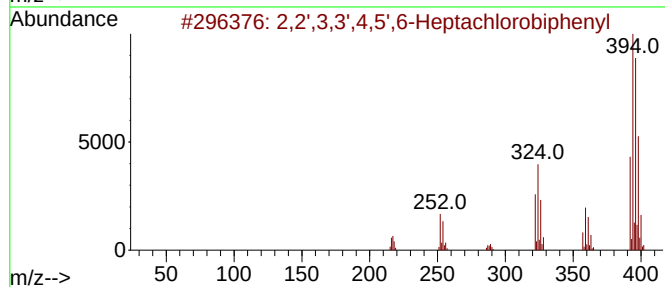
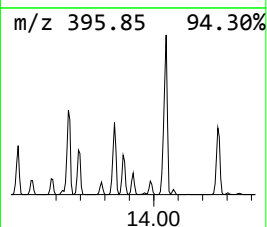
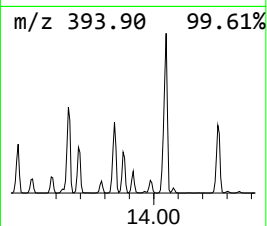
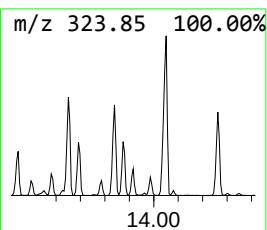
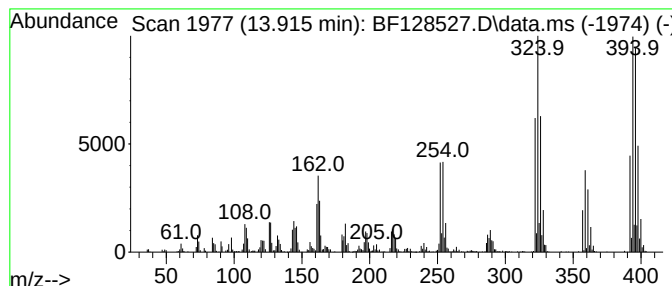
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.916	22.84 ng	1143670	Chrysene-d12	14.010		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99	
2	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99	
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99	
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99	
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P013-SS002-2430-01

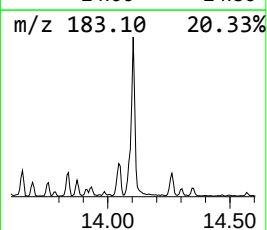
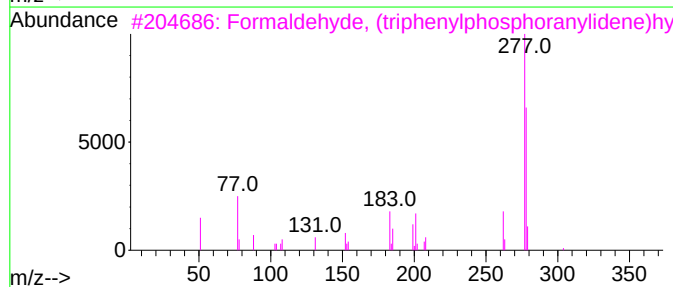
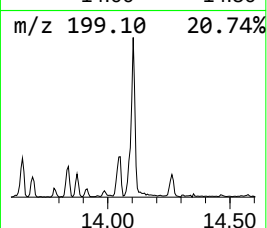
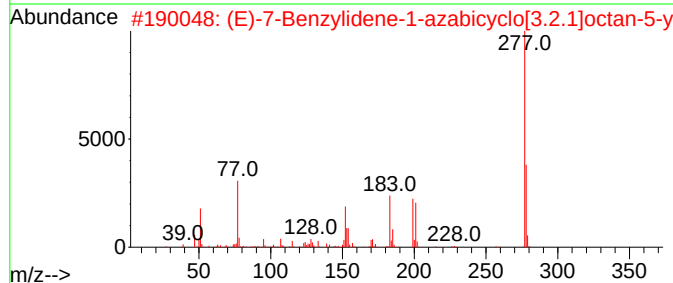
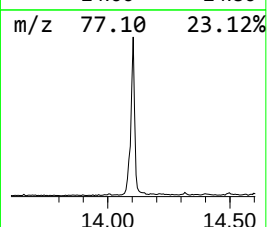
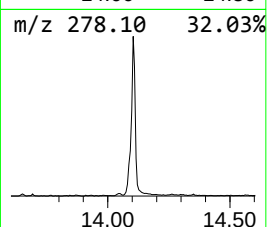
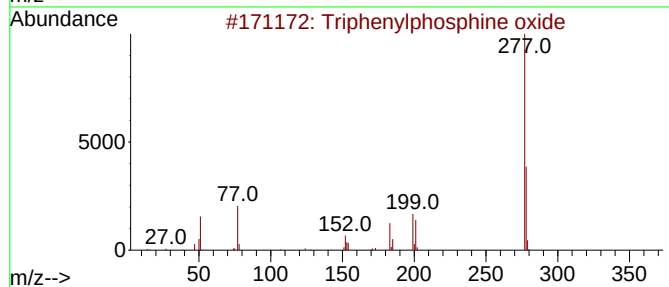
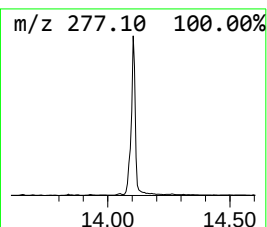
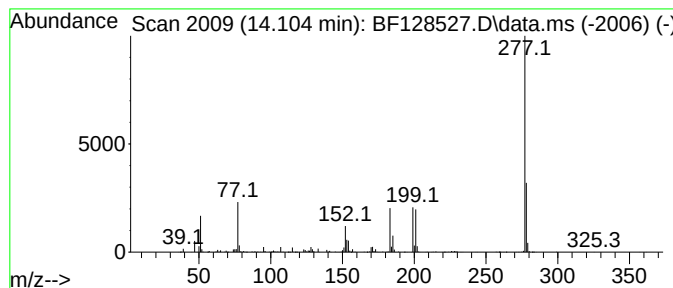
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Triphenylphosphine oxide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	22.14 ng	1108620	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...]	304	C19H17N2P	015990-54-2	42
4			Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	25
5			Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

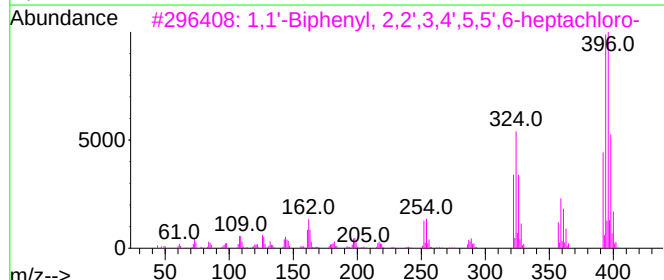
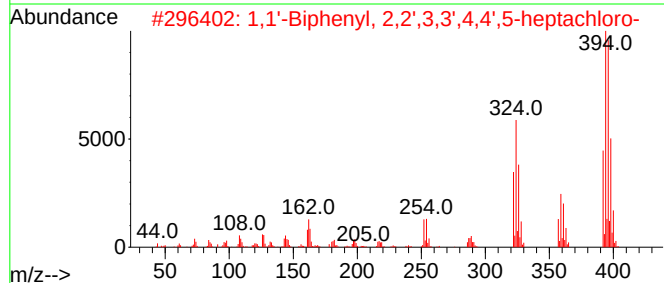
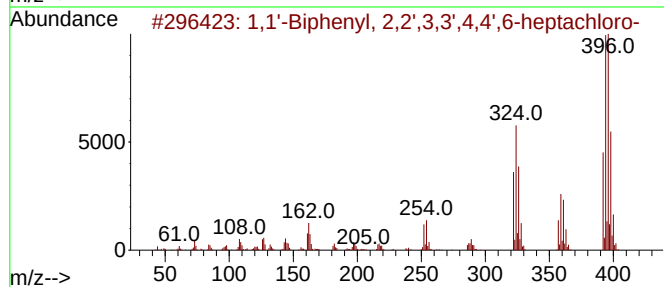
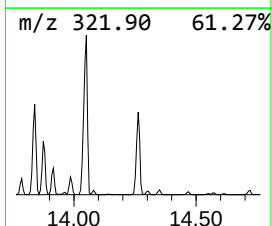
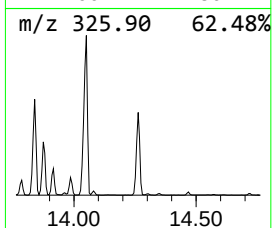
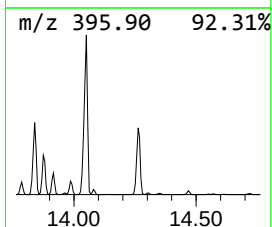
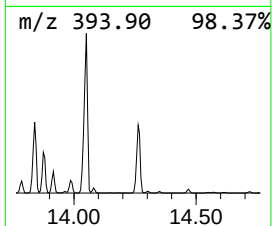
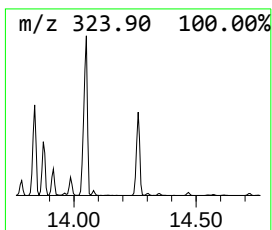
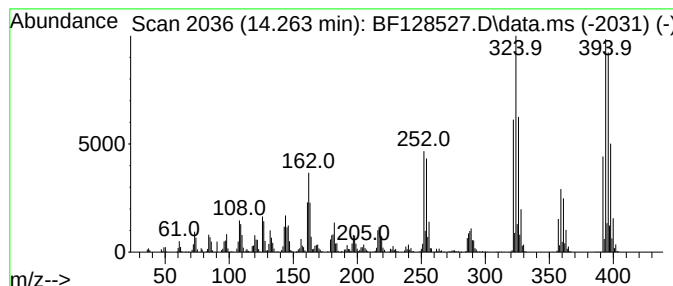
Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.262	70.26 ng	3518650	Chrysene-d12	14.010		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99	
2	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99	
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99	
4	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99	
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

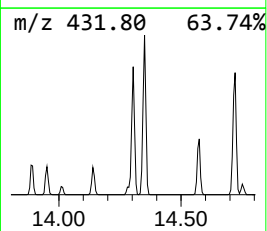
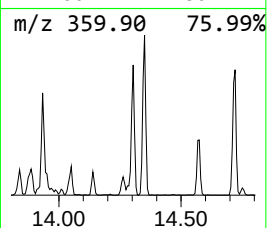
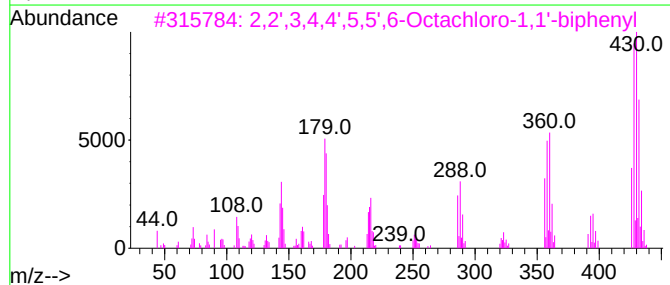
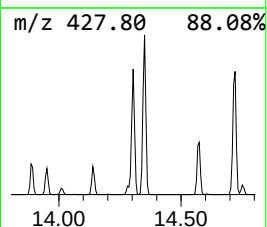
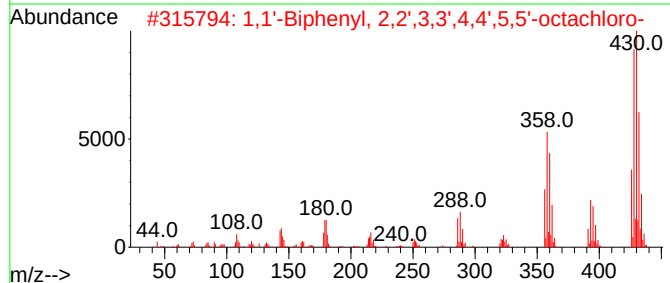
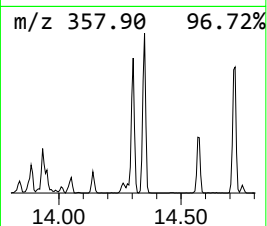
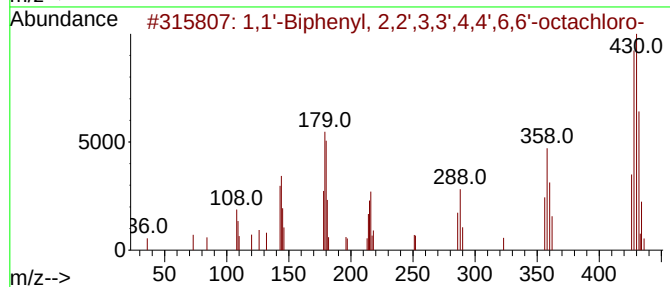
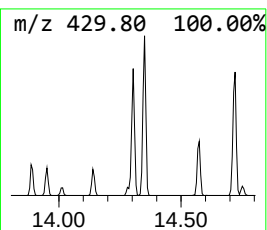
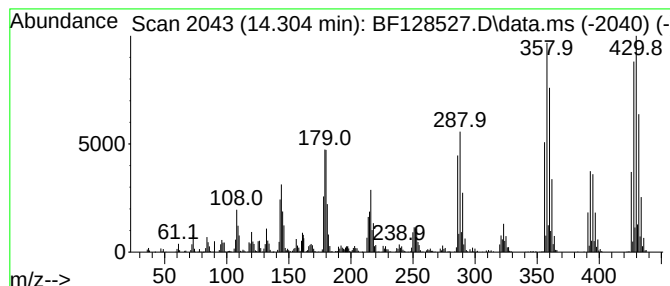
Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.304	32.28 ng	1616790	Chrysene-d12	14.010	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
3	2,2',3,4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	052663-76-0	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99
5	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

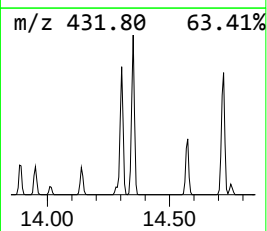
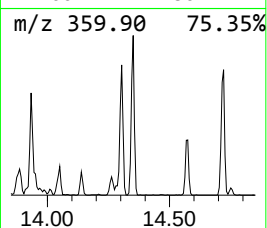
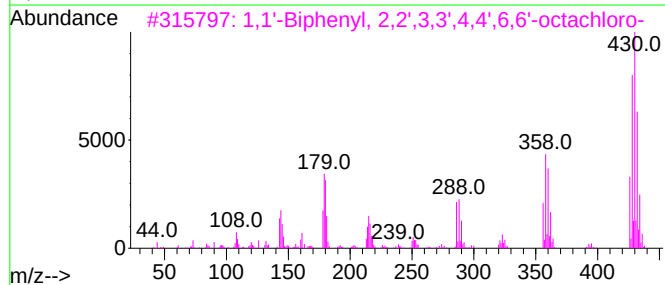
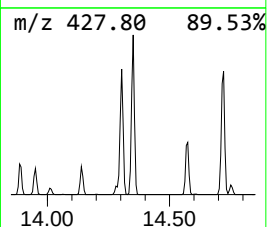
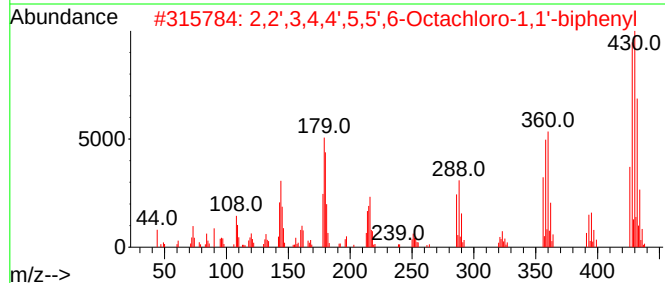
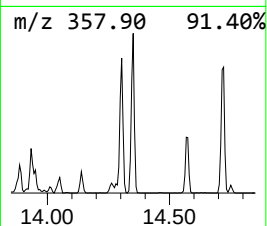
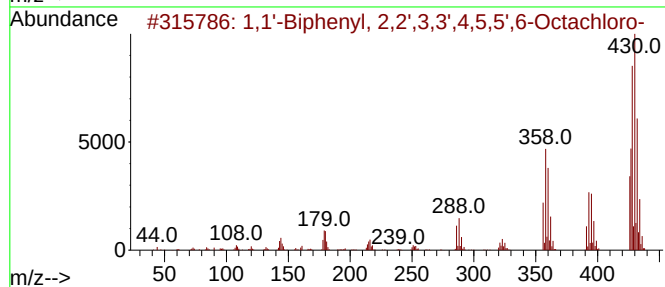
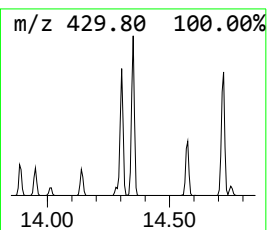
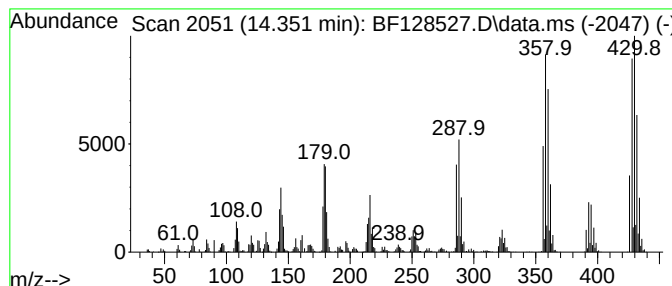
Instrument :
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ClientSampleId :
P013-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.351	35.87 ng	1796570	Chrysene-d12	14.010		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99	
2	2,2',3,4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	052663-76-0	99	
3	1,1'-Biphenyl, 2,2',3,3',4,4',6,...	426	C12H2Cl8	033091-17-7	99	
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99	
5	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128527.D
Acq On : 28 May 2022 00:00
Operator : CG\JU
Sample : N2921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

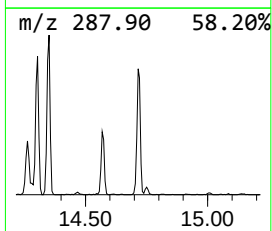
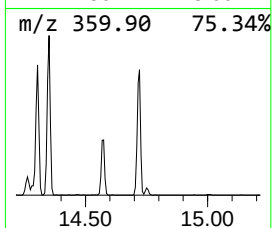
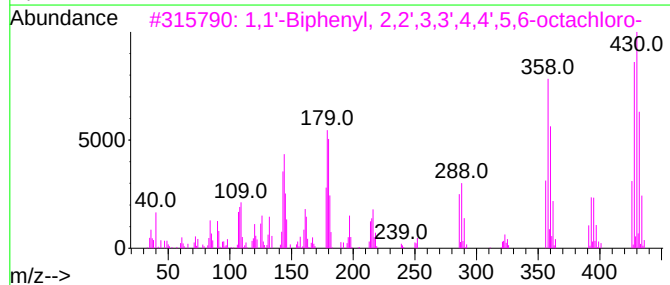
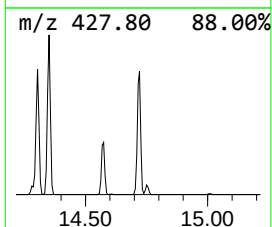
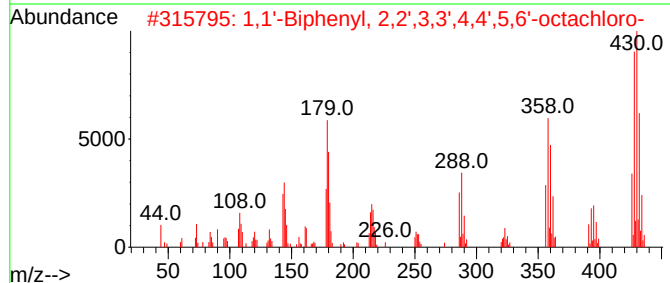
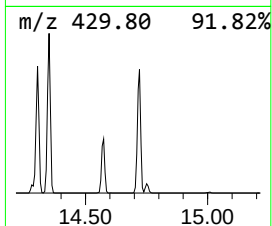
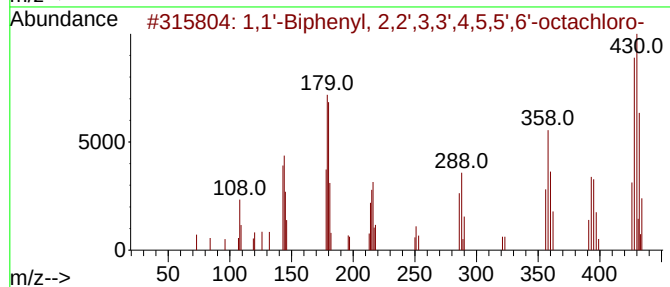
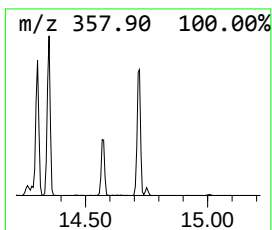
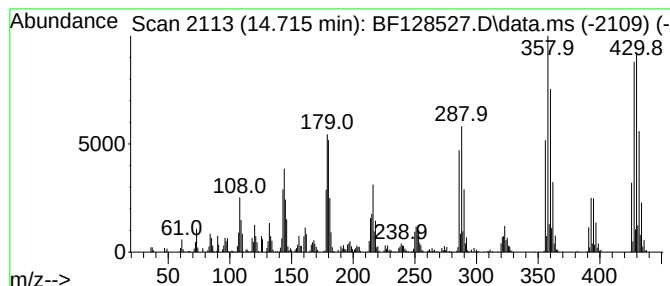
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.715	32.30 ng	1617570	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99		
2	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99		
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	99		
4	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	068194-17-2	99		
5	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128527.D
 Acq On : 28 May 2022 00:00
 Operator : CG\JU
 Sample : N2921-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	12.498	30.9	ng	2669910	4	11.363	1729450	20.0
1,1'-Biphenyl, ...	12.674	33.8	ng	2922620	4	11.363	1729450	20.0
2,2',3,4,5,6-He...	13.045	55.0	ng	2754750	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	13.074	33.0	ng	1653770	5	14.010	1001600	20.0
2,3,3',4',5,6-H...	13.145	117.3	ng	5876640	5	14.010	1001600	20.0
2,2',3,4,4',6'-...	13.274	24.4	ng	1223890	5	14.010	1001600	20.0
2,3,4,4',5,6-He...	13.339	132.2	ng	6618240	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	13.368	44.7	ng	2237720	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	13.439	71.8	ng	3597510	5	14.010	1001600	20.0
2,3',4,4',5',6-...	13.551	138.7	ng	6946670	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	13.651	77.0	ng	3854580	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	13.692	39.1	ng	1959460	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	13.839	71.5	ng	3582600	5	14.010	1001600	20.0
2,2',3,3',4,5,6...	13.874	49.1	ng	2456950	5	14.010	1001600	20.0
2,2',3,3',4,5',...	13.916	22.8	ng	1143670	5	14.010	1001600	20.0
Triphenylphosph...	14.104	22.1	ng	1108620	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	14.262	70.3	ng	3518650	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	14.304	32.3	ng	1616790	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	14.351	35.9	ng	1796570	5	14.010	1001600	20.0
1,1'-Biphenyl, ...	14.715	32.3	ng	1617570	5	14.010	1001600	20.0