

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060957.D
 Acq On : 19 Apr 2024 13:30
 Operator : MA/JU
 Sample : P2125-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-101-SB01

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_G\Methods\8270-BG041724.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060957.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.523	424	431	439	rBV	441888	672673	5.61%	0.557%
2	7.104	691	700	708	rBV	455045	771198	6.43%	0.639%
3	7.938	834	842	848	rBV	120731	217913	1.82%	0.181%
4	9.090	1030	1038	1045	rVB	323057	556973	4.64%	0.462%
5	10.600	1287	1295	1302	rBV	338464	597311	4.98%	0.495%
6	10.735	1310	1318	1323	rBV	169421	318576	2.66%	0.264%
7	11.117	1377	1383	1398	rVB	205036	377715	3.15%	0.313%
8	13.191	1728	1736	1743	rBV	881321	1322870	11.03%	1.096%
9	13.367	1756	1766	1769	rBV	90858	160587	1.34%	0.133%
10	14.565	1962	1970	1976	rBV	283777	474412	3.95%	0.393%
11	14.777	2000	2006	2007	rBV	188573	249009	2.08%	0.206%
12	14.795	2007	2009	2014	rVB	195746	223286	1.86%	0.185%
13	16.052	2216	2223	2232	rVB	791581	1274040	10.62%	1.056%
14	16.322	2266	2269	2275	rVB	131840	175054	1.46%	0.145%
15	17.315	2431	2438	2442	rBV	339562	542018	4.52%	0.449%
16	17.356	2442	2445	2450	rVB	112903	145386	1.21%	0.120%
17	18.220	2589	2592	2601	rVB2	191430	383742	3.20%	0.318%
18	18.384	2612	2620	2624	rBV3	236425	404393	3.37%	0.335%
19	18.520	2635	2643	2650	rBV	79753	151589	1.26%	0.126%
20	18.672	2662	2669	2675	rBV2	61578	155480	1.30%	0.129%
21	19.154	2747	2751	2755	rVV2	134044	178618	1.49%	0.148%
22	19.236	2755	2765	2773	rVB	1788329	2736970	22.82%	2.268%
23	19.366	2782	2787	2793	rBV	210465	302967	2.53%	0.251%
24	19.436	2795	2799	2806	rBV	254439	388771	3.24%	0.322%
25	19.518	2806	2813	2819	rVV	2444121	3245179	27.05%	2.689%
26	19.577	2819	2823	2828	rVB2	146439	184493	1.54%	0.153%
27	19.636	2829	2833	2840	rBV	154213	198866	1.66%	0.165%
28	19.730	2846	2849	2853	rVV	182621	206681	1.72%	0.171%
29	19.777	2853	2857	2860	rVB	110947	128468	1.07%	0.106%
30	19.853	2866	2870	2875	rVB	353686	438542	3.66%	0.363%
31	19.942	2880	2885	2895	rVB2	2774321	5031574	41.94%	4.170%
32	20.088	2901	2910	2914	rBV	2723632	3542771	29.53%	2.936%
33	20.130	2914	2917	2924	rVV	1050417	1920246	16.01%	1.591%
34	20.229	2928	2934	2939	rVV	6376318	8827401	73.58%	7.315%
35	20.276	2939	2942	2947	rVV	614405	762972	6.36%	0.632%
36	20.353	2949	2955	2960	rVV2	323558	528906	4.41%	0.438%

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Integrator: RTE

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Filtering: 5

Sampling : 1

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Stop Thrs : 0

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

Peak separation: 5

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37	20.423	2962	2967	2972	rVV	917181	1254344	10.46%	1.039%
38	20.511	2975	2982	2986	rVV	7360799	9839531	82.02%	8.154%
39	20.558	2986	2990	2999	rVV2	1894353	2582640	21.53%	2.140%
40	20.664	3002	3008	3014	rVV3	2931347	5103511	42.54%	4.229%
41	20.711	3014	3016	3019	rVV	153669	192891	1.61%	0.160%
42	20.758	3019	3024	3027	rVV2	776099	1090753	9.09%	0.904%
43	20.829	3027	3036	3041	rVV	4435630	8830610	73.61%	7.318%
44	20.876	3041	3044	3048	rVV	876618	1098395	9.16%	0.910%
45	20.946	3052	3056	3057	rVV	196961	250522	2.09%	0.208%
46	20.981	3057	3062	3068	rVV	4859809	6576330	54.82%	5.450%
47	21.046	3068	3073	3083	rVV	2247338	2956001	24.64%	2.450%
48	21.146	3086	3090	3094	rVV	463091	687586	5.73%	0.570%
49	21.193	3094	3098	3104	rVV2	541805	784462	6.54%	0.650%
50	21.281	3105	3113	3118	rVV	3662207	5627042	46.91%	4.663%
51	21.340	3118	3123	3130	rVV2	2037654	3261990	27.19%	2.703%
52	21.405	3130	3134	3137	rVV2	812417	1178743	9.83%	0.977%
53	21.434	3137	3139	3142	rVV	335530	474440	3.95%	0.393%
54	21.463	3142	3144	3147	rVV	292941	372182	3.10%	0.308%
55	21.522	3150	3154	3158	rVV2	526640	783751	6.53%	0.650%
56	21.581	3158	3164	3166	rVV2	445128	909233	7.58%	0.753%
57	21.628	3166	3172	3178	rVV	7280698	11996272	100.00%	9.941%
58	21.687	3178	3182	3186	rVB	127718	179827	1.50%	0.149%
59	21.798	3195	3201	3208	rBV	349950	539983	4.50%	0.447%
60	22.021	3231	3239	3247	rBV	2631730	4874574	40.63%	4.040%
61	22.098	3247	3252	3260	rVB	1559940	2645345	22.05%	2.192%
62	22.192	3261	3268	3278	rVB	1850527	3056870	25.48%	2.533%
63	22.433	3306	3309	3316	rVB4	85723	145383	1.21%	0.120%
64	22.656	3342	3347	3355	rVV	550230	1040869	8.68%	0.863%
65	22.750	3359	3363	3369	rVB7	69534	124695	1.04%	0.103%
66	22.973	3393	3401	3409	rBV	1309430	2499773	20.84%	2.072%
67	23.056	3410	3415	3424	rVB4	72463	215363	1.80%	0.178%
68	23.620	3505	3511	3518	rVB4	230853	495881	4.13%	0.411%
69	23.714	3520	3527	3534	rBV	92647	254387	2.12%	0.211%
70	24.407	3640	3645	3657	rVB	59477	174238	1.45%	0.144%
71	24.548	3663	3669	3678	rVB3	56127	153545	1.28%	0.127%
72	24.695	3686	3694	3704	rBV	225888	620277	5.17%	0.514%

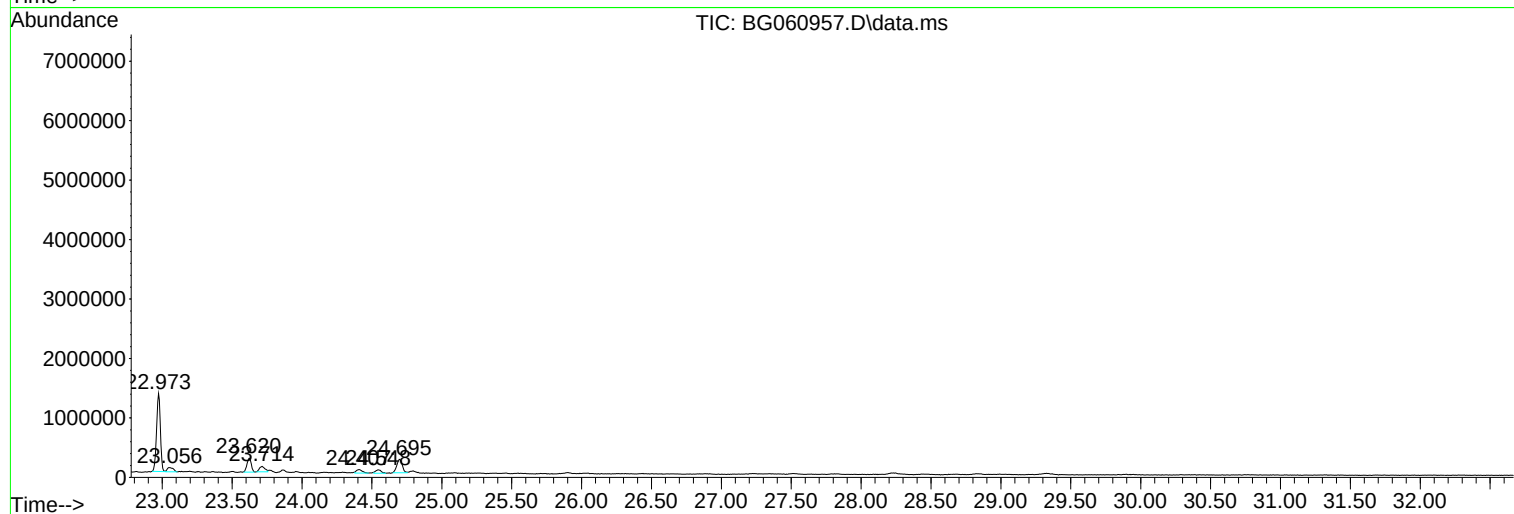
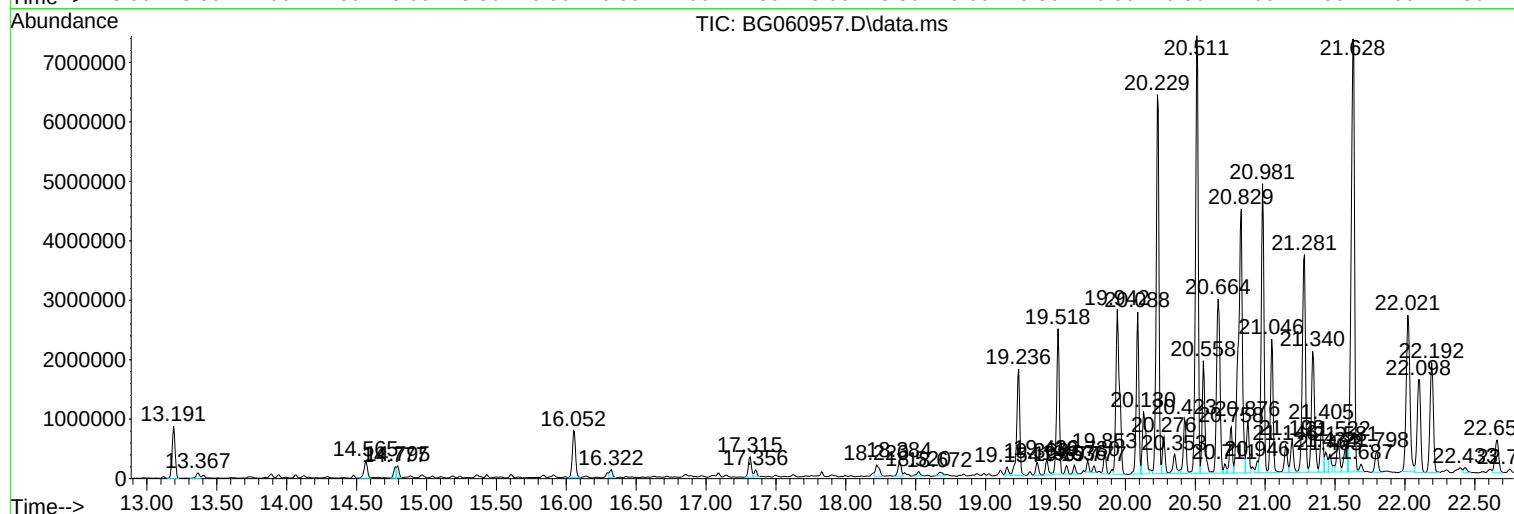
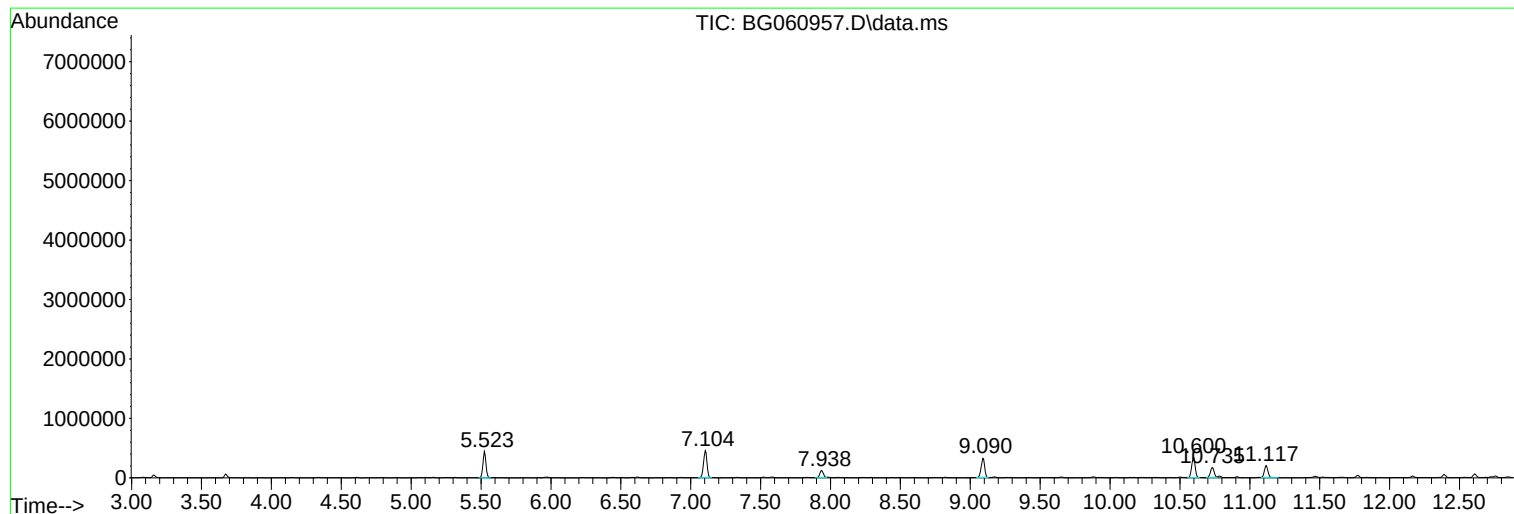
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

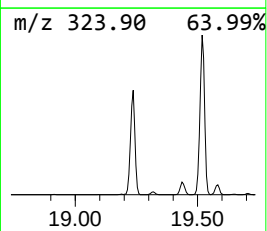
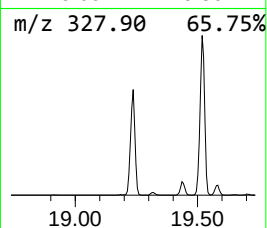
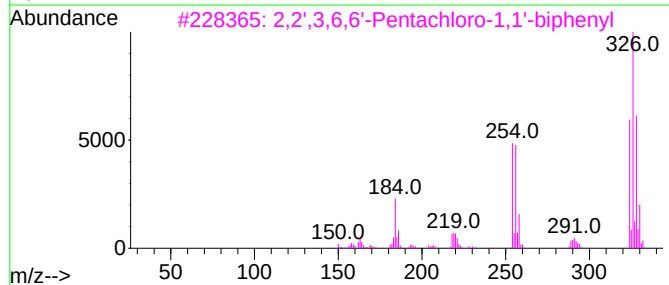
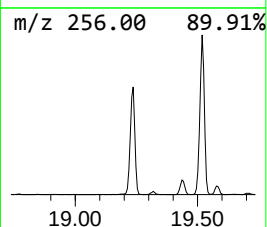
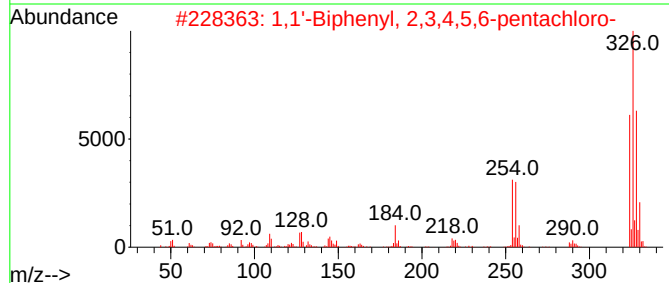
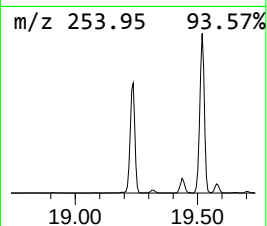
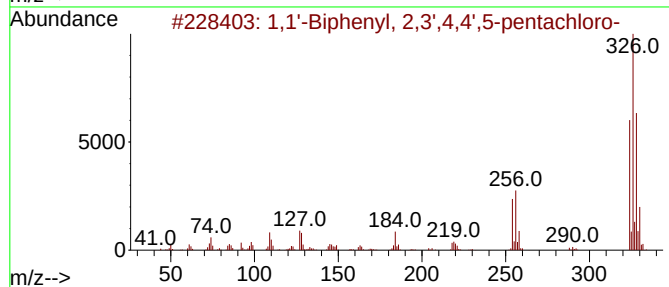
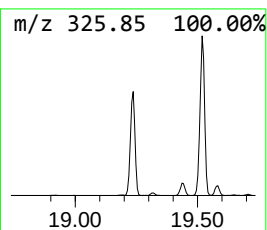
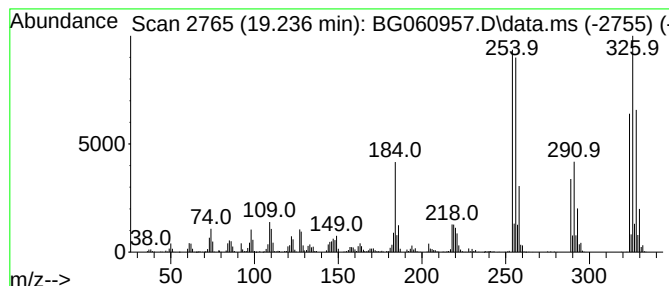
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.236	100.99 ng	2736970	Phenanthrene-d10	17.315

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99		
2	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	99		
3	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99		
4	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99		
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99		



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Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

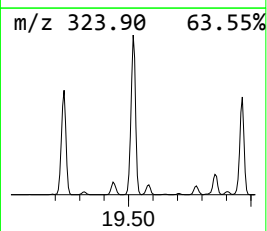
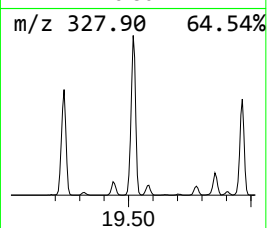
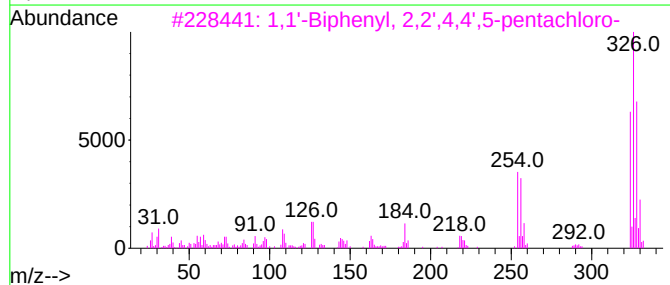
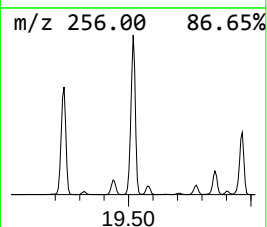
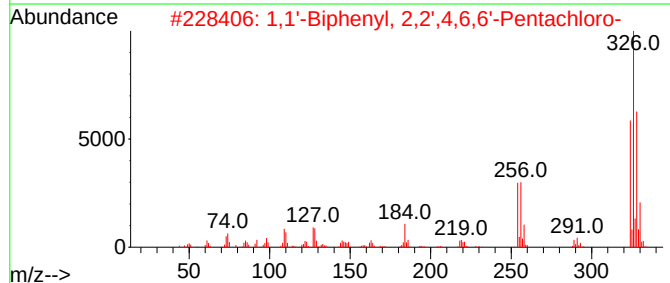
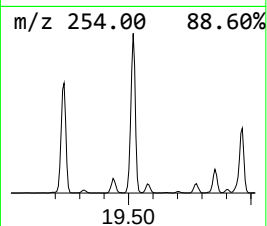
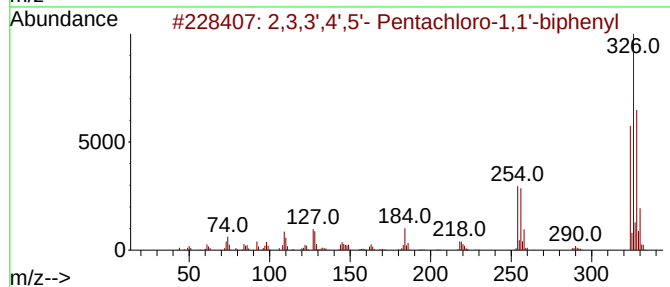
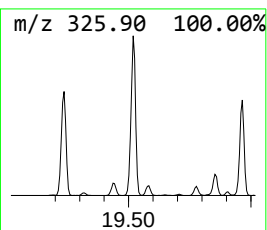
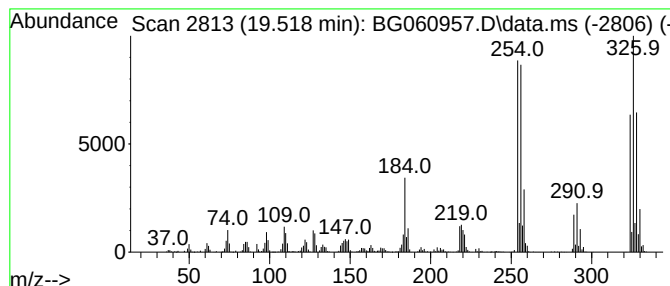
Instrument :
BNA_G
ClientSampleId :
B-101-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2,3,3',4',5'- Pentachloro-1... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.519	71.38 ng	3245180	Chrysene-d12	21.581	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
2	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	97



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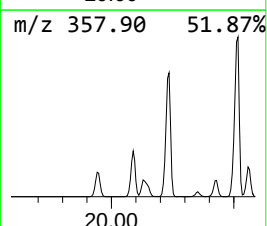
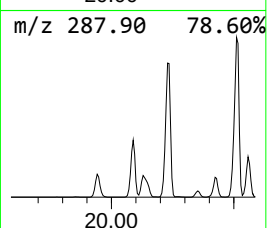
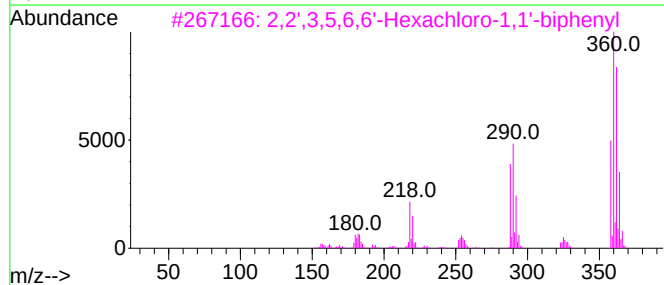
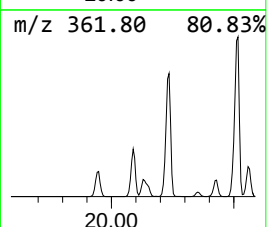
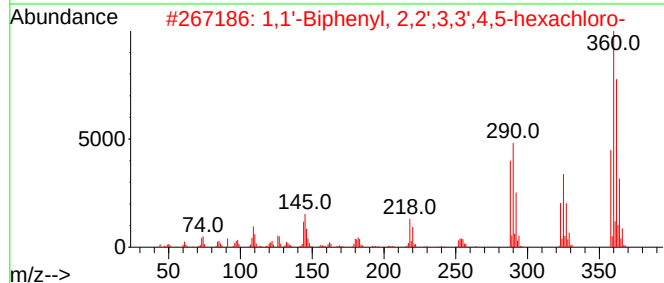
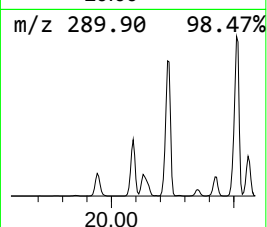
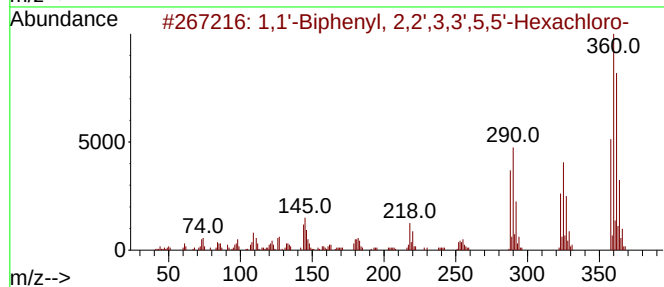
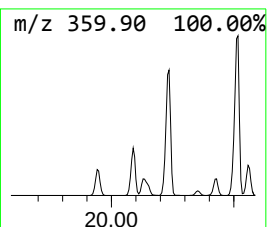
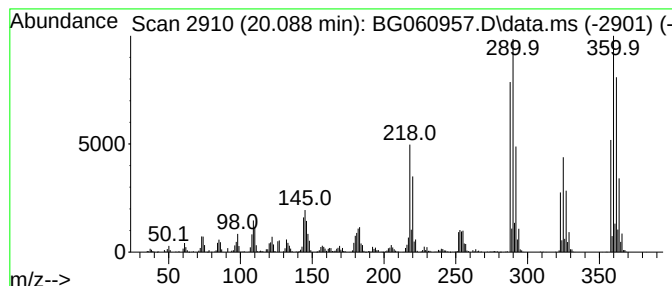
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.088	77.93 ng	3542770	Chrysene-d12	21.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	99		
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99		
3	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99		
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99		



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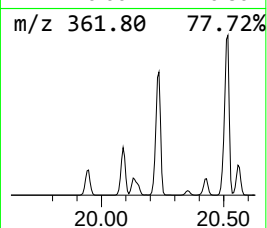
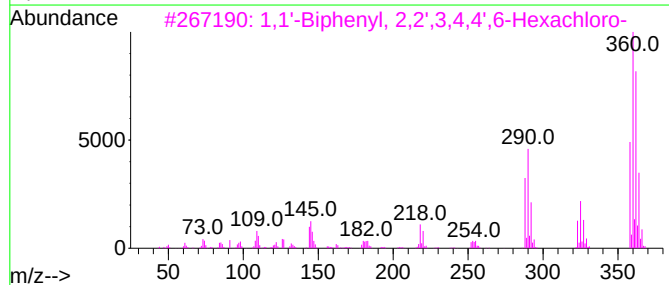
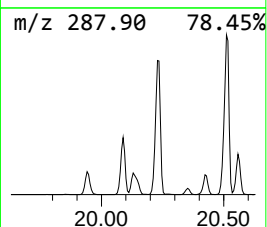
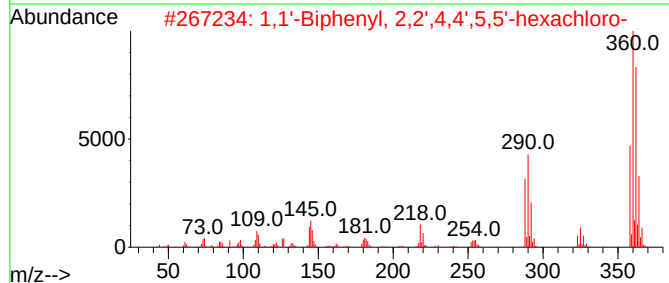
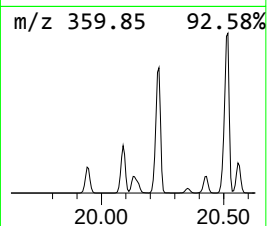
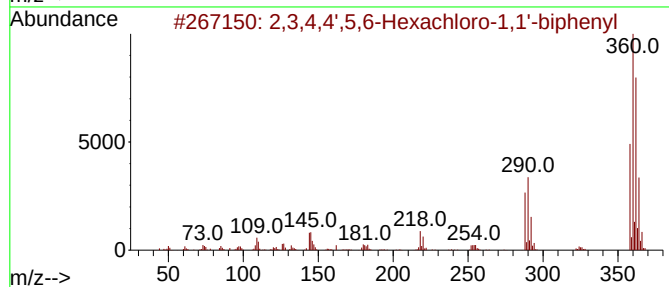
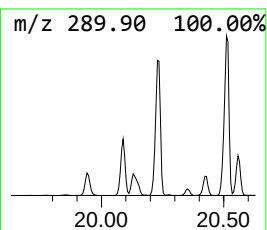
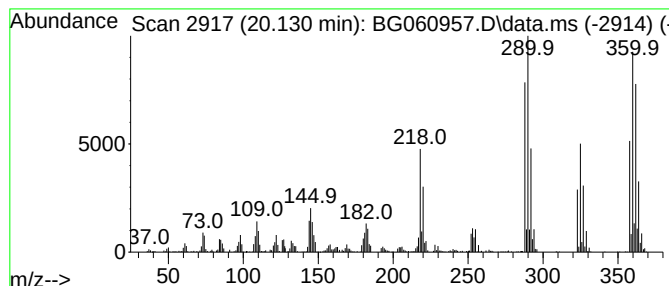
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BNA_G
ClientSampleId :
B-101-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2,3,4,4',5,6-Hexachloro-1,1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.130	42.24 ng	1920250	Chrysene-d12	21.581	
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	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

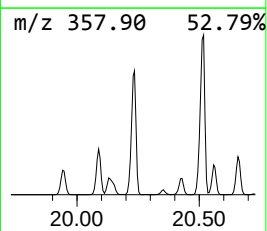
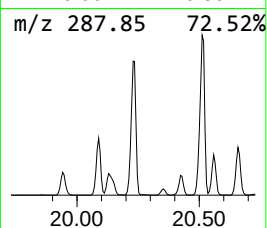
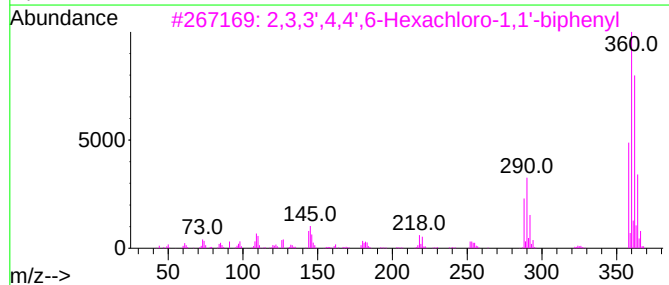
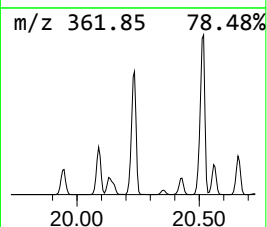
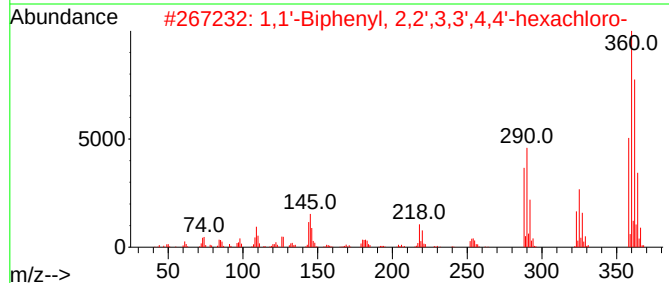
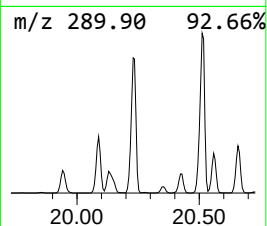
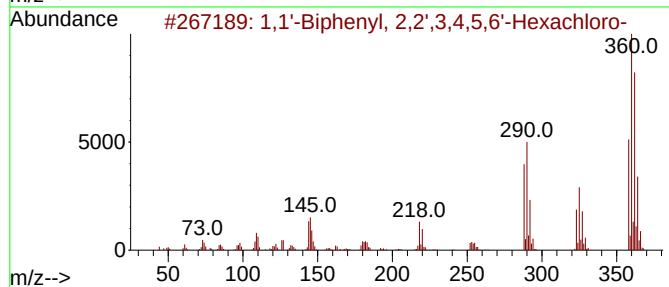
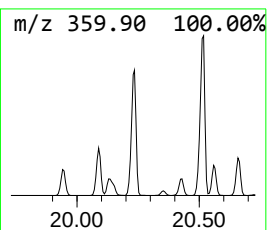
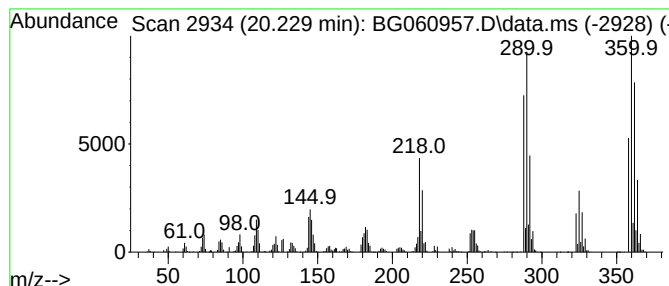
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ClientSampleId :
B-101-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.229	194.17 ng	8827400	Chrysene-d12	21.581	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

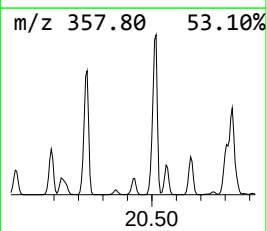
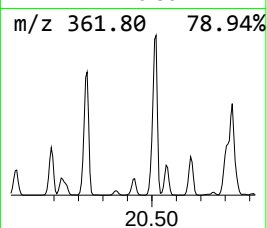
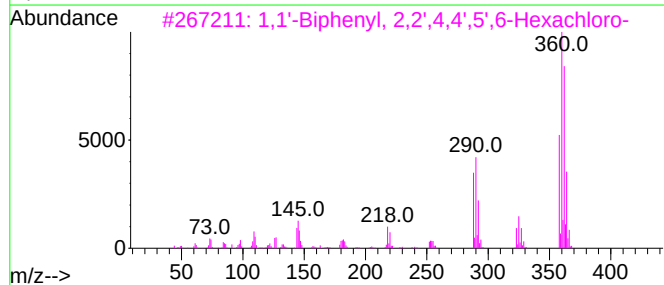
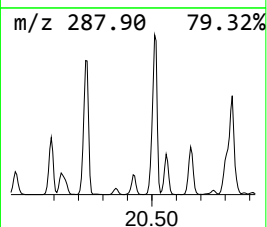
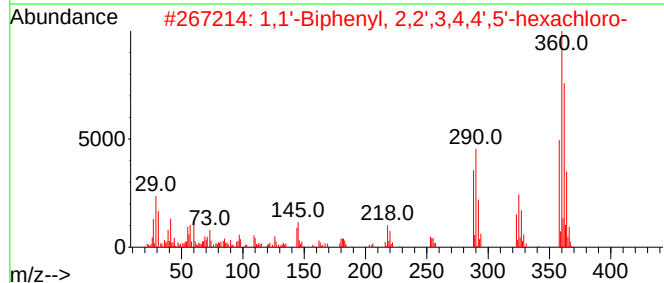
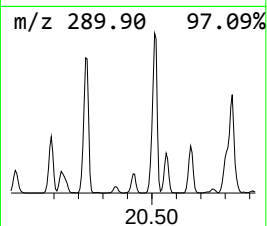
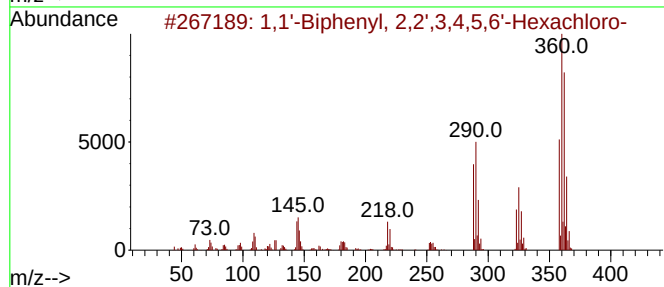
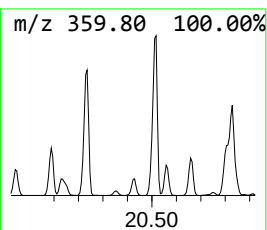
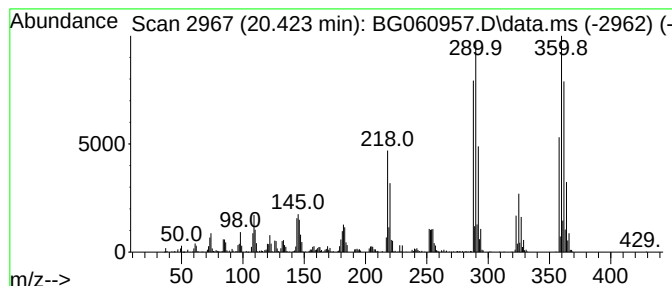
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.423	27.59 ng	1254340	Chrysene-d12	21.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99		
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99		
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99		
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99		
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

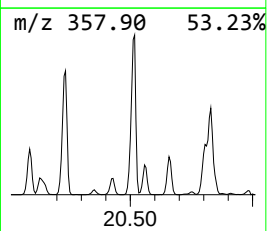
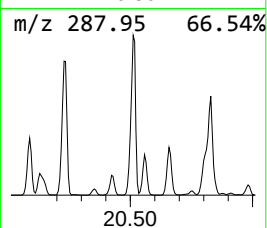
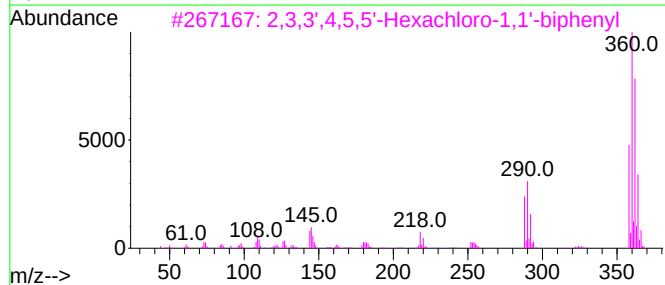
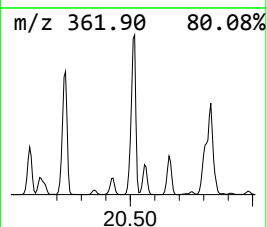
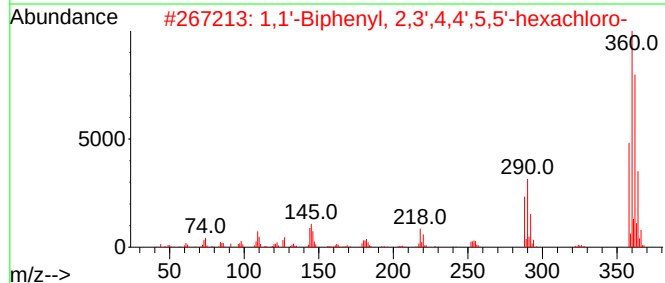
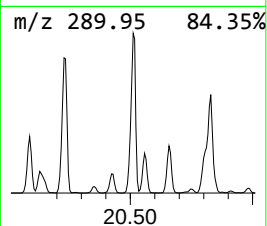
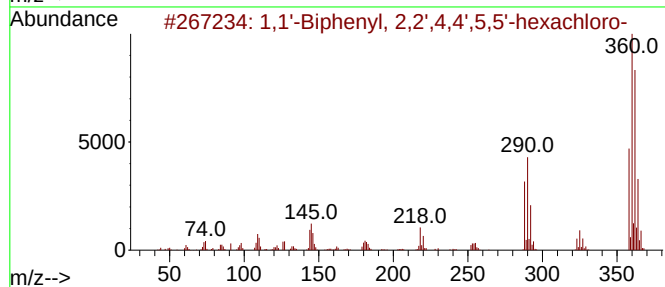
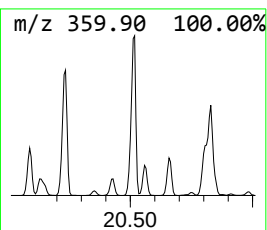
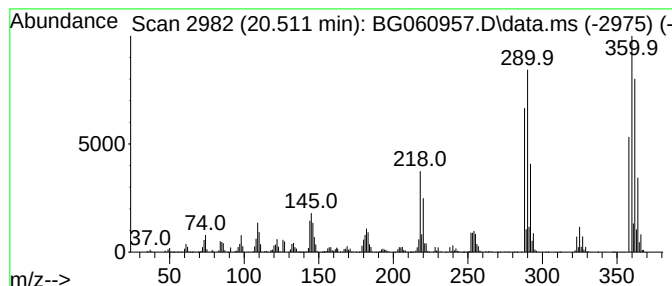
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.511	216.44 ng	9839530	Chrysene-d12	21.581		
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, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99	
3	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99	
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99	
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
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Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

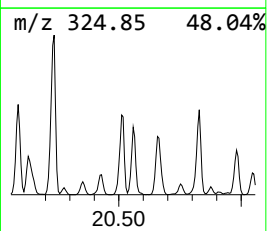
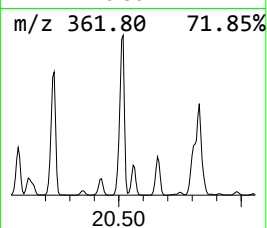
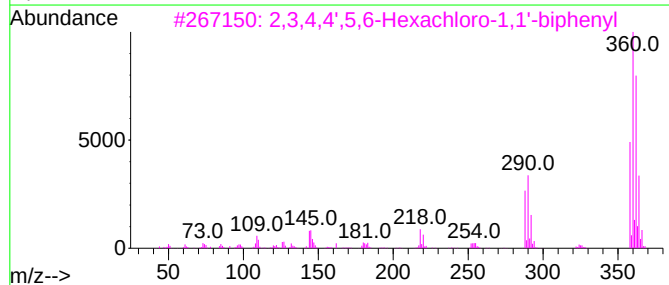
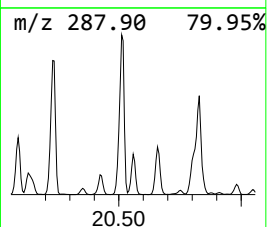
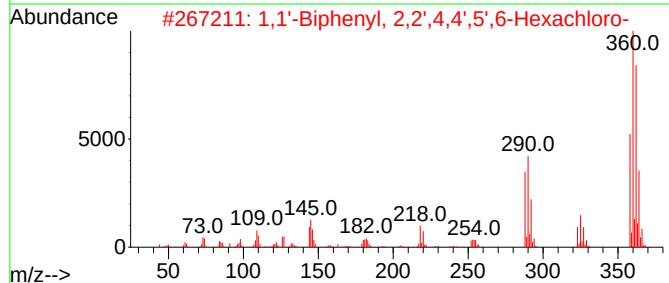
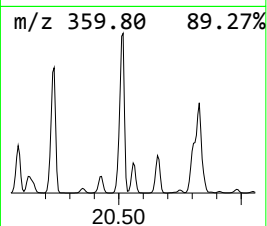
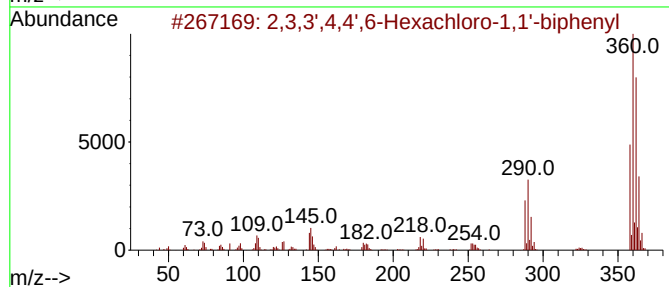
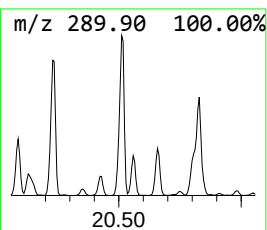
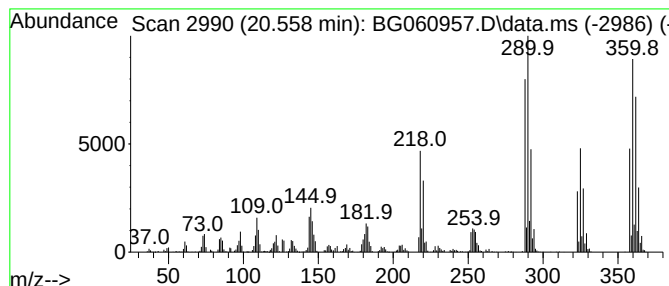
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.558	56.81 ng	2582640	Chrysene-d12	21.581	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
2	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-101-SB01

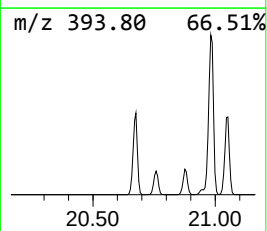
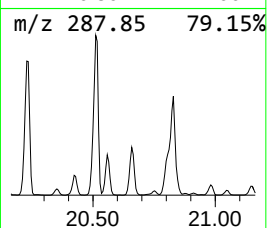
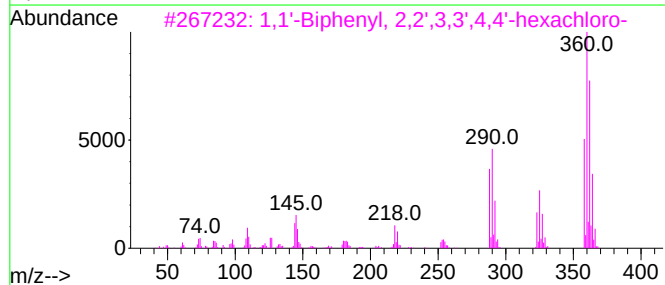
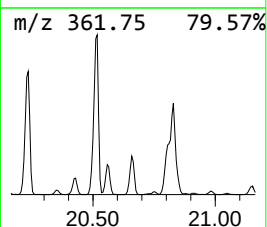
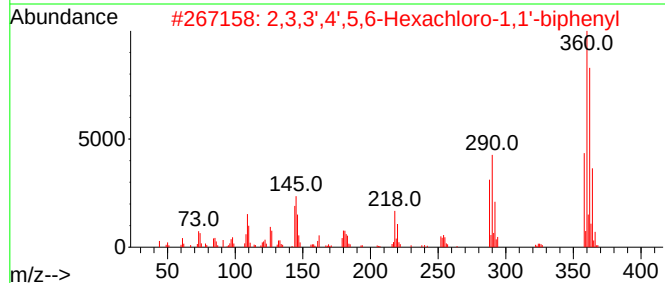
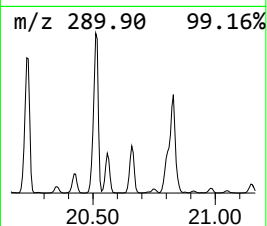
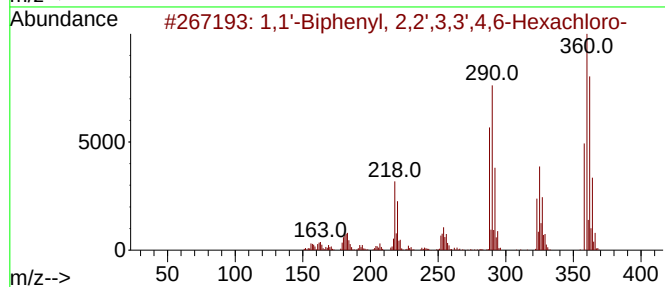
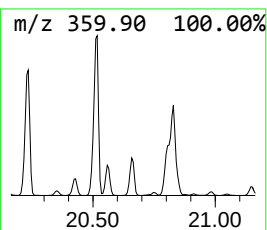
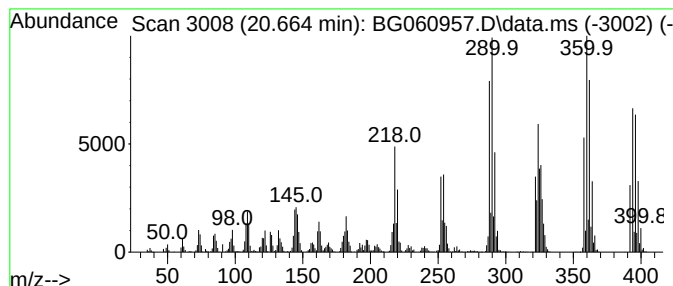
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.664	112.26 ng	5103510	Chrysene-d12	21.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99		
2	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99		
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99		
4	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99		
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
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Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-101-SB01

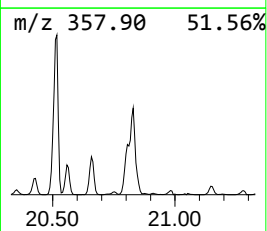
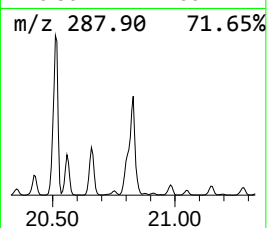
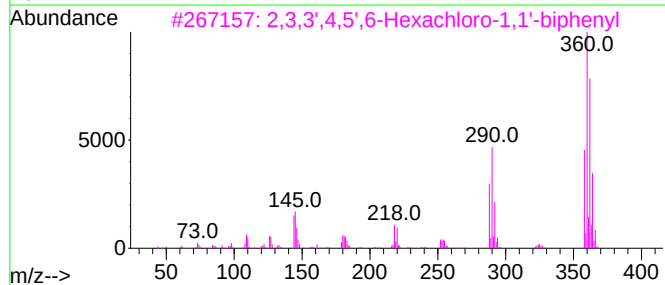
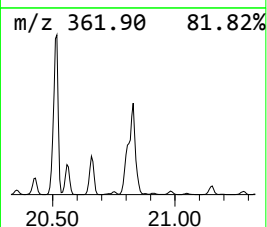
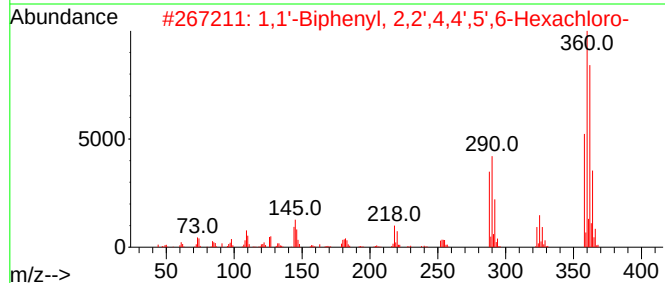
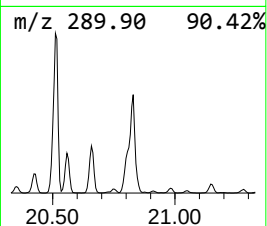
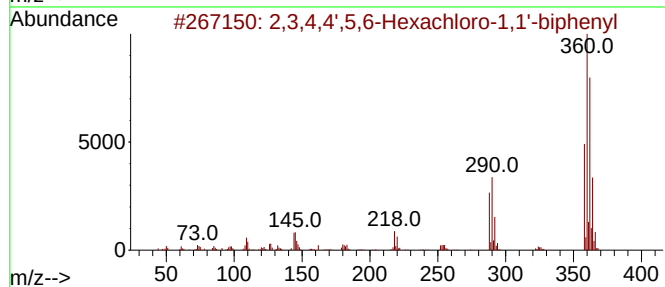
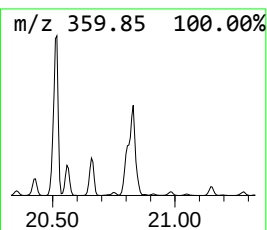
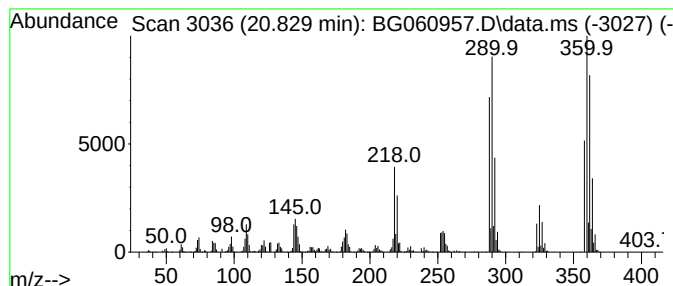
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown20.829 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.829	194.24 ng	8830610	Chrysene-d12	21.581

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	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99		
3	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99		
4	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		
5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

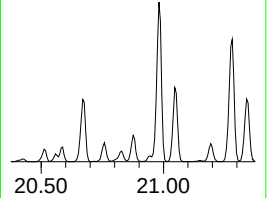
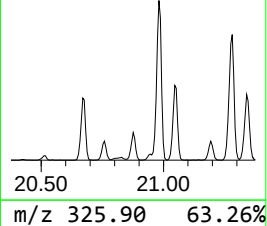
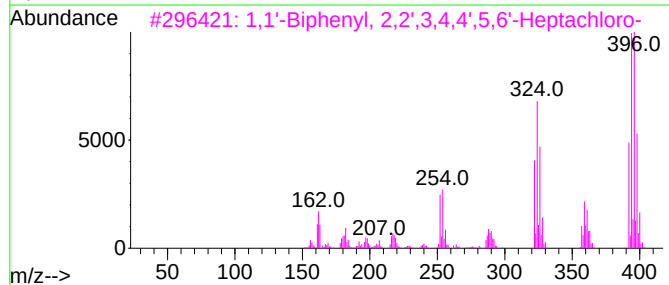
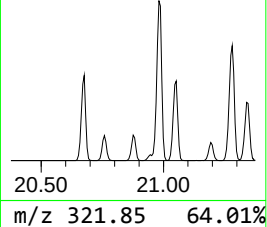
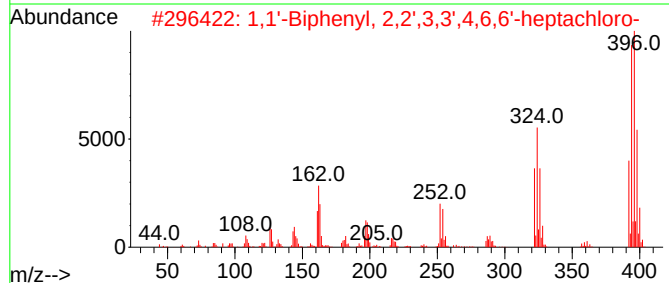
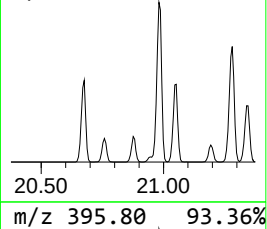
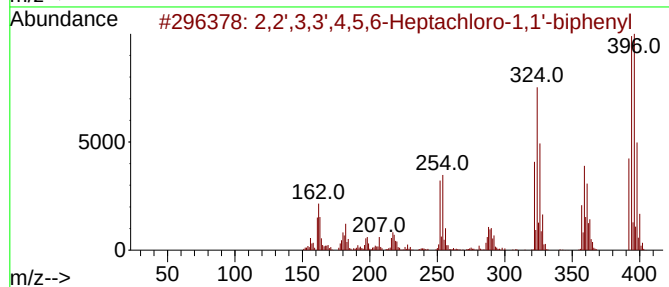
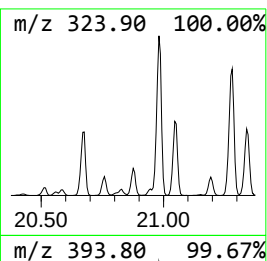
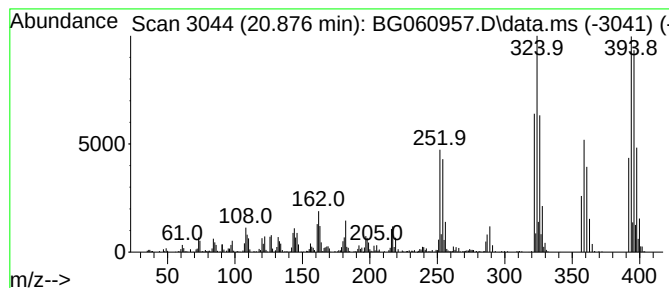
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.876	24.16 ng	1098400	Chrysene-d12	21.581

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',4,6,6'-...	392	C12H3Cl7	052663-65-7	99		
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99		
4	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99		
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

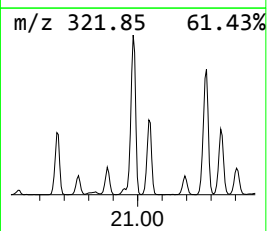
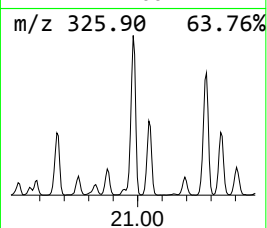
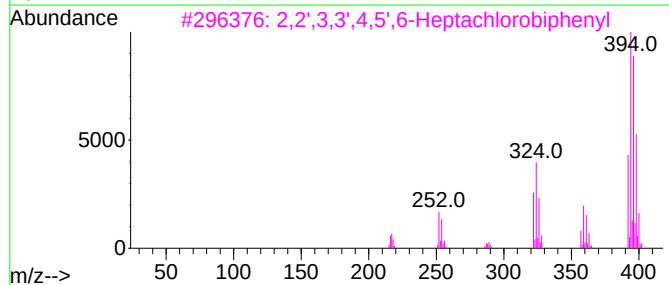
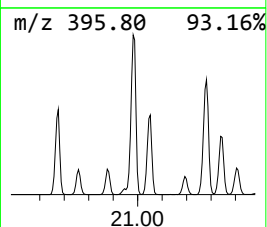
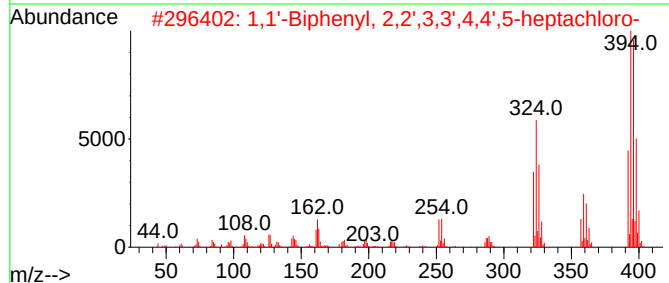
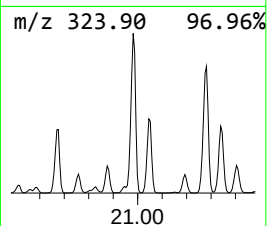
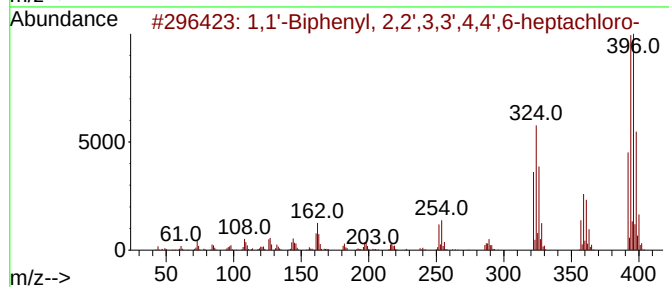
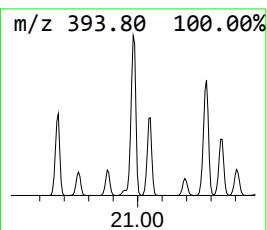
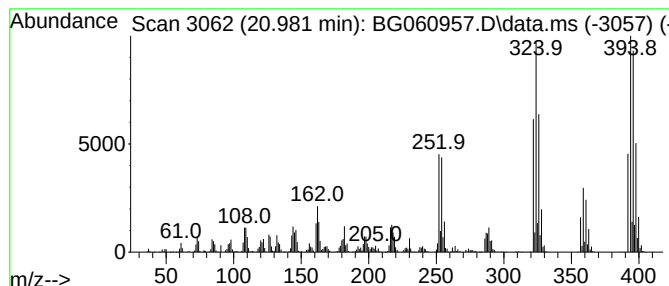
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.982	144.66 ng	6576330	Chrysene-d12	21.581

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	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99		
5	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

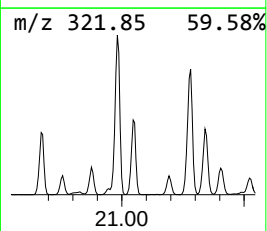
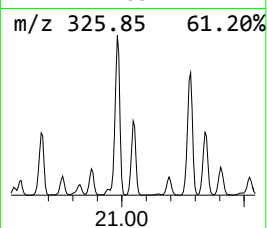
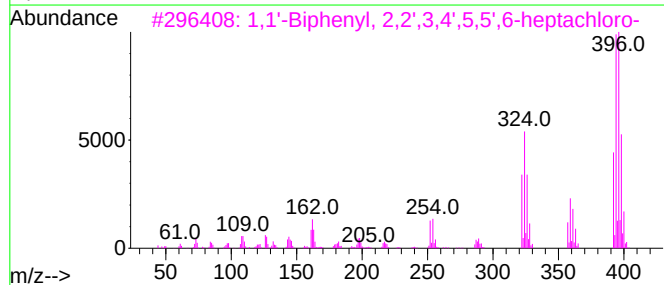
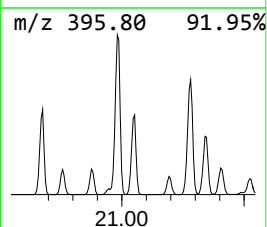
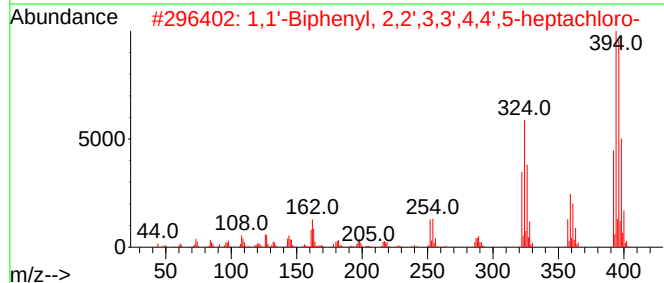
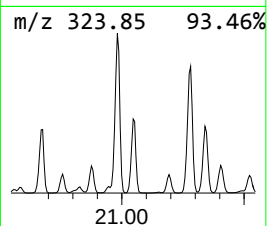
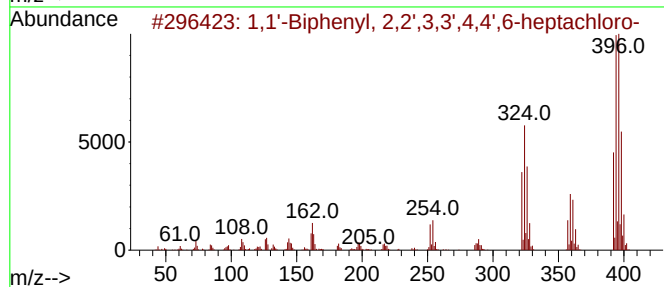
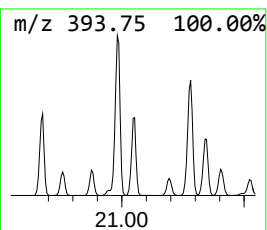
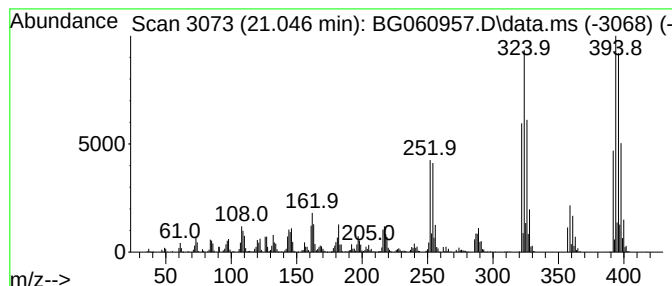
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.046	65.02 ng	2956000	Chrysene-d12		21.581	
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, 2,2',3,3',4,6,6'-...		392	C12H3Cl7	052663-65-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

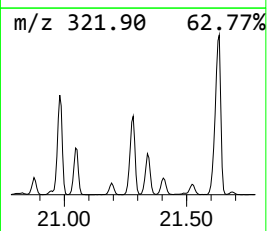
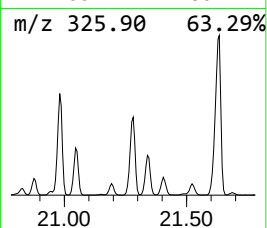
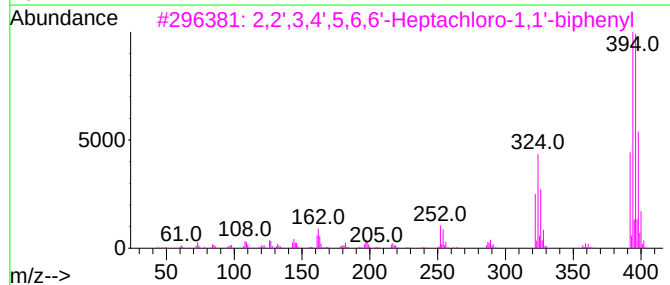
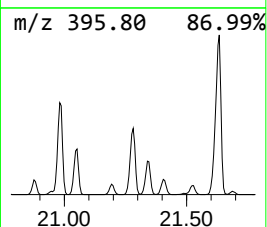
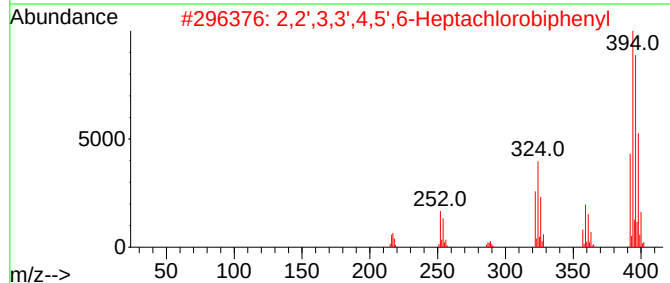
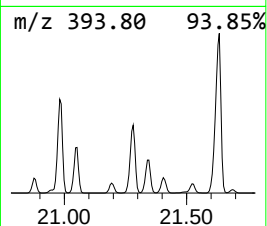
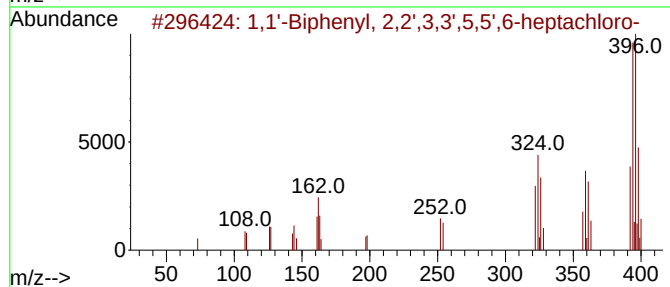
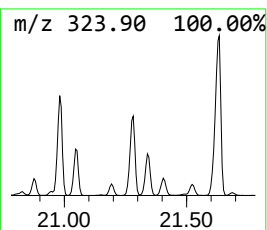
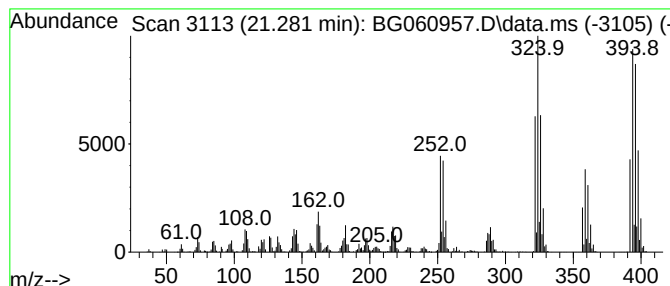
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.281	123.78 ng	5627040	Chrysene-d12	21.581

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-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
3	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99		
4	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99		
5	1,1'-Biphenyl, 2,2',3,3',4,6,6'-...	392	C12H3Cl7	052663-65-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-101-SB01

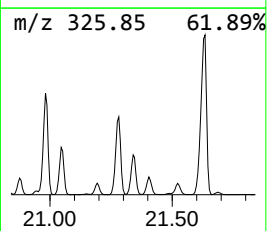
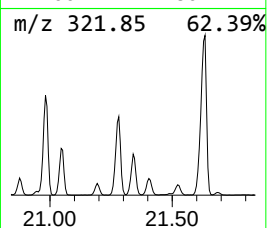
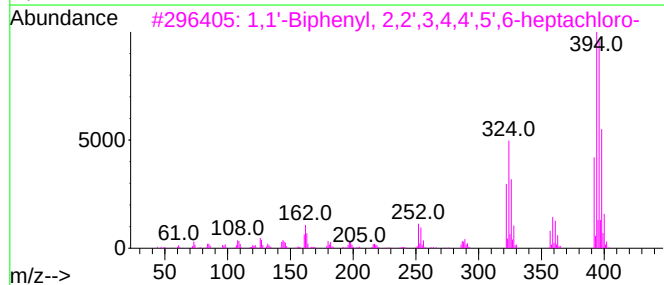
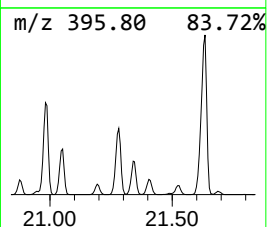
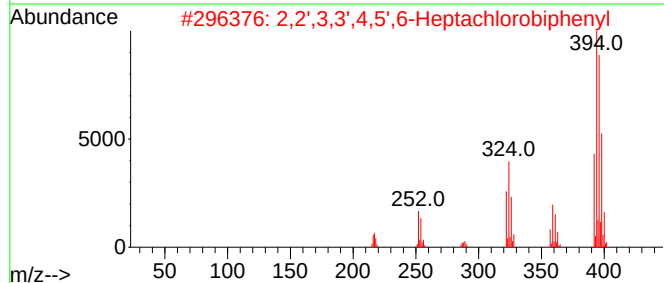
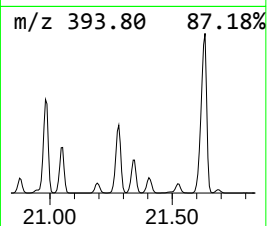
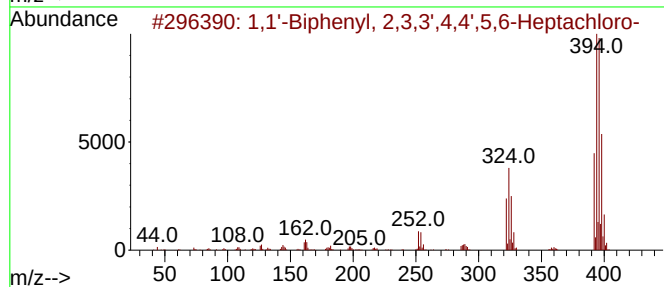
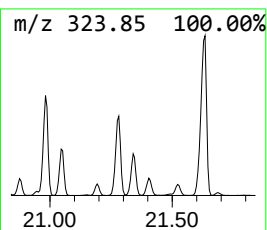
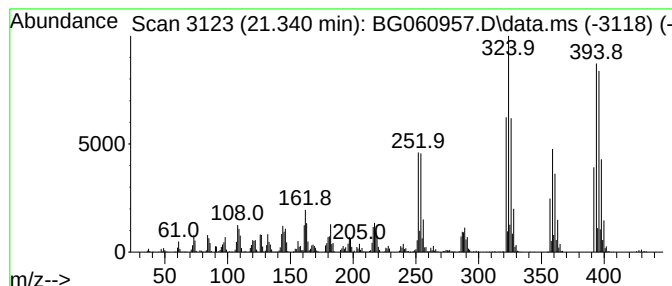
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.340	71.75 ng	3261990	Chrysene-d12	21.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99		
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
3	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99		
4	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99		
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-101-SB01

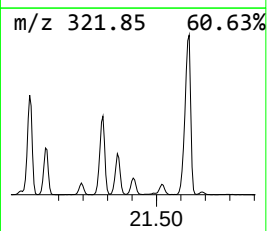
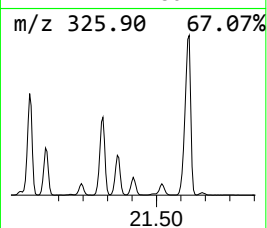
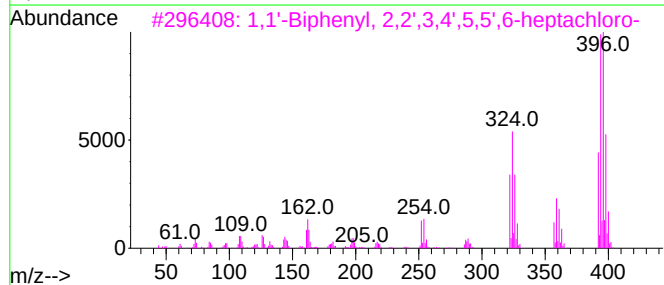
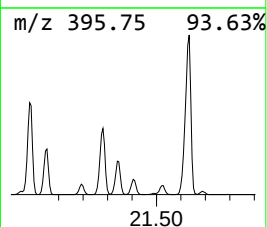
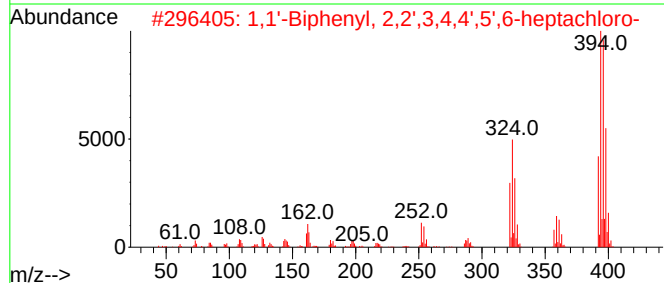
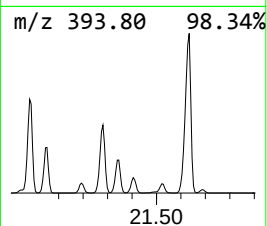
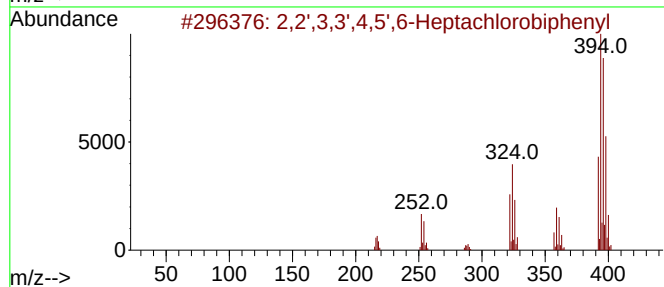
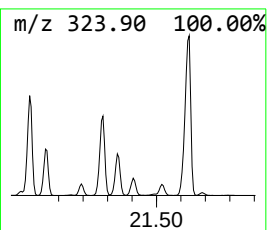
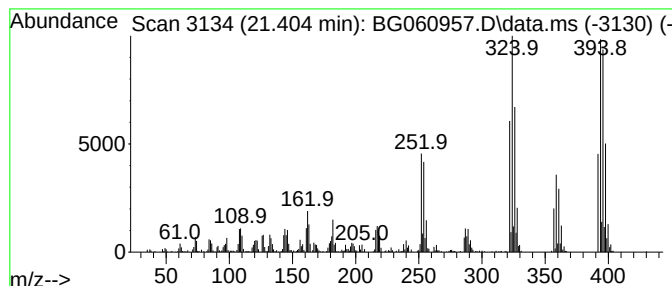
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.404	25.93 ng	1178740	Chrysene-d12	21.581

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, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99		
3	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99		
4	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99		
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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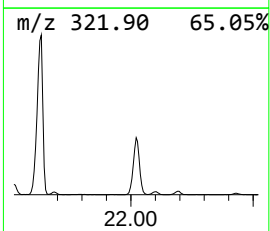
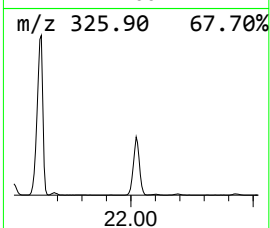
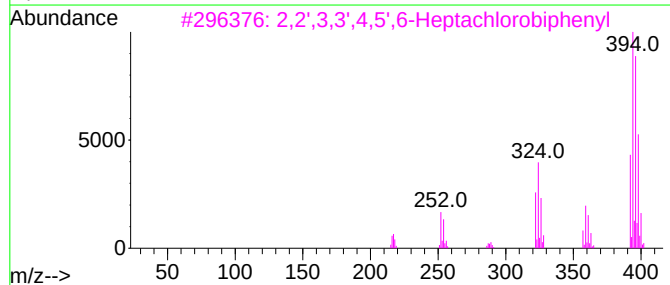
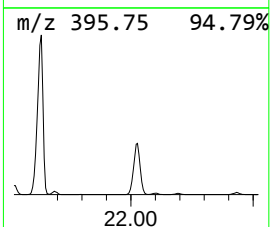
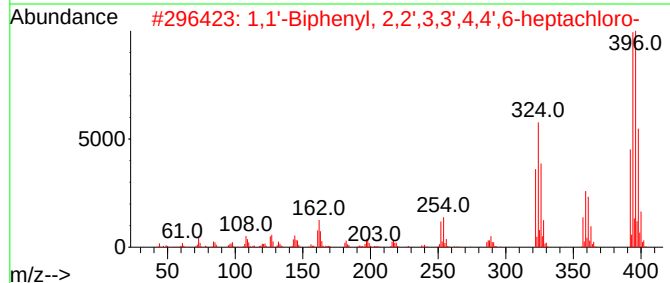
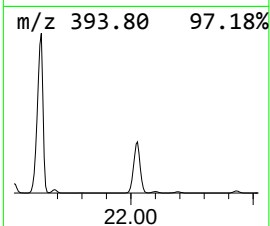
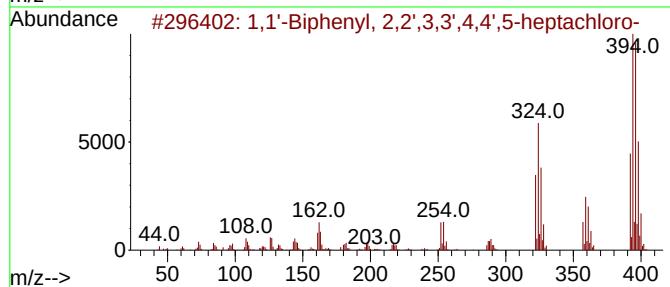
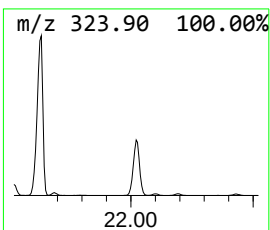
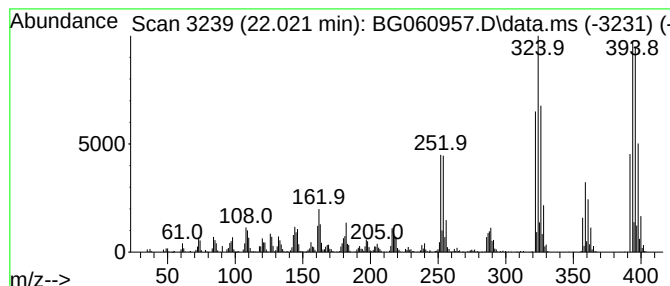
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown22.021 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.021	107.22 ng	4874570	Chrysene-d12	21.581

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',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99		
4	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99		
5	1,1'-Biphenyl, 2,2',3,4,4',5',6-...	392	C12H3Cl7	052663-69-1	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

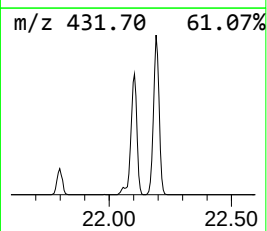
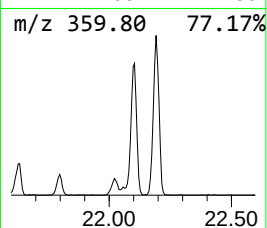
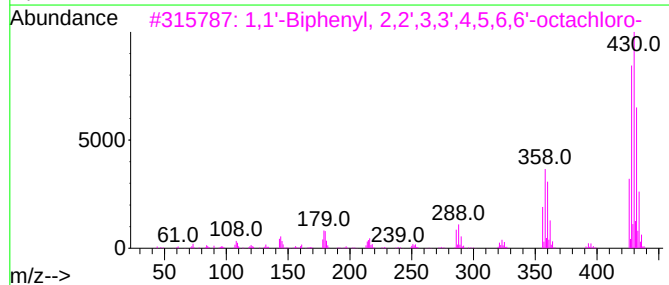
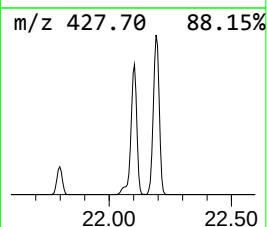
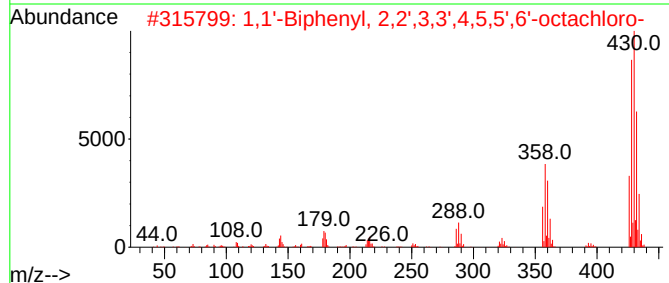
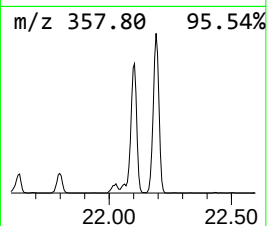
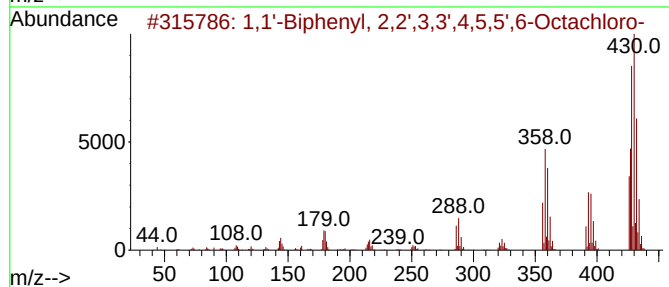
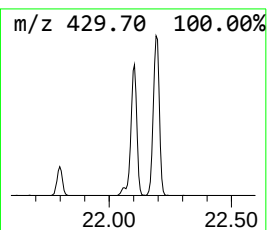
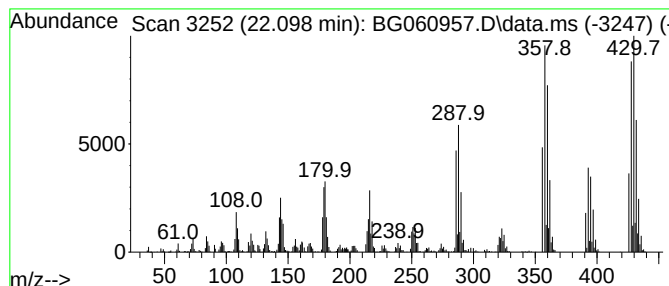
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.098	58.19 ng	2645350	Chrysene-d12	21.581

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	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99		
3	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	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_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

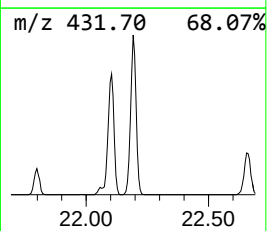
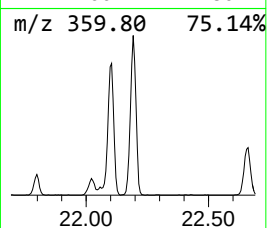
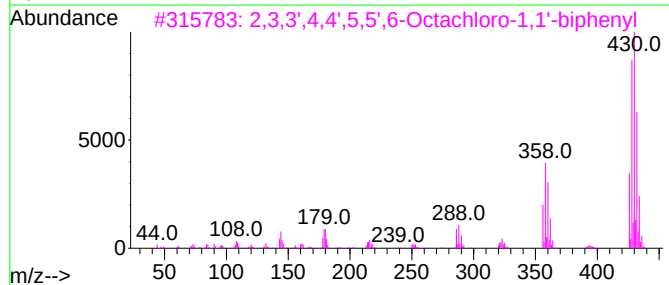
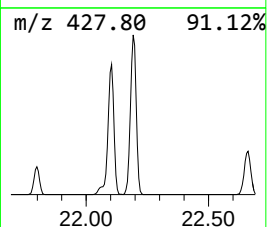
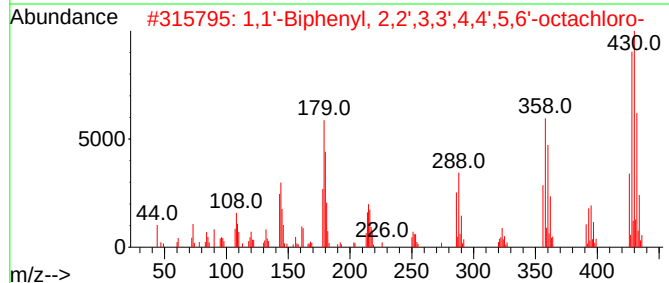
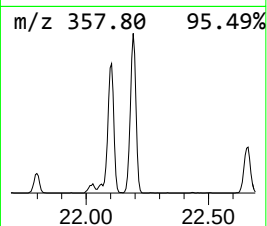
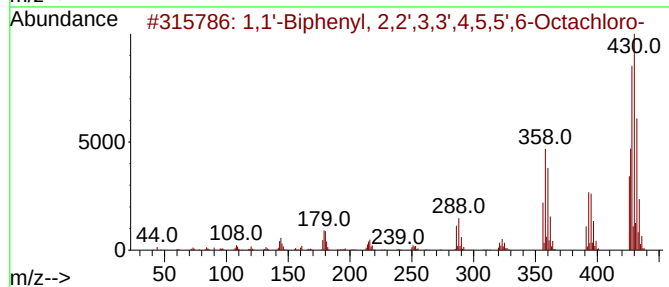
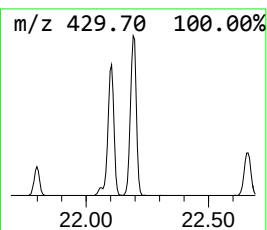
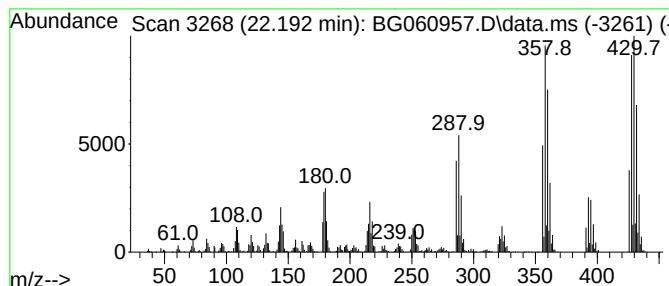
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.192	67.24 ng	3056870	Chrysene-d12	21.581

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	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99		
3	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	99		
4	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99		
5	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

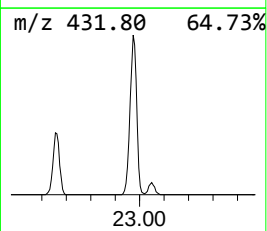
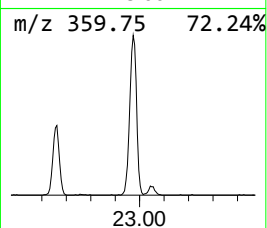
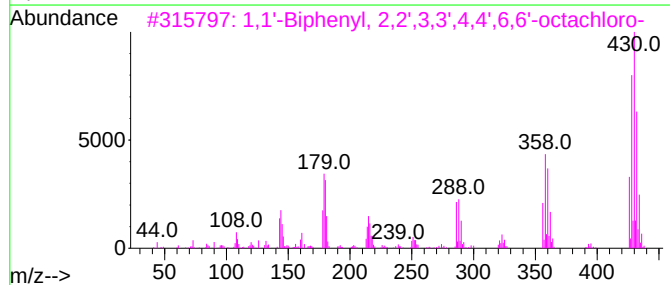
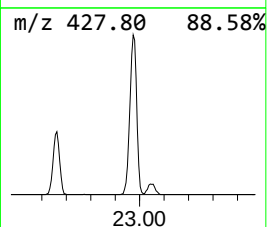
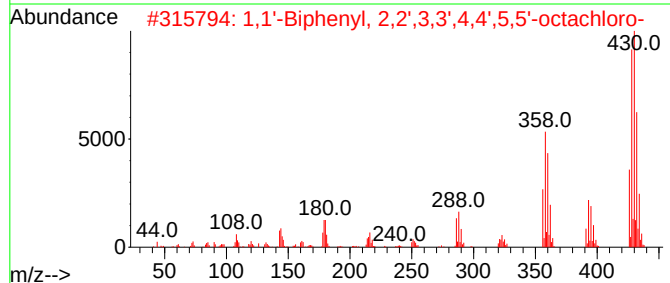
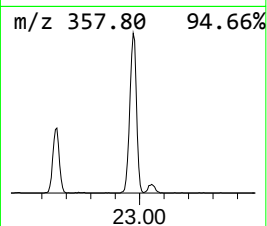
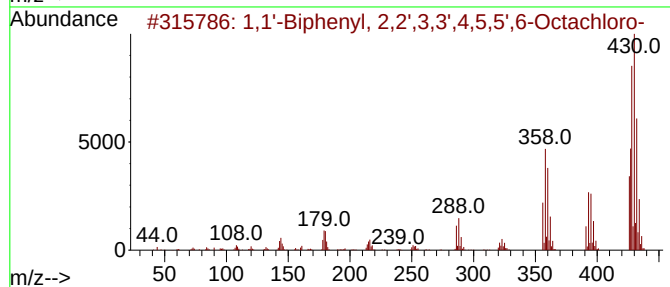
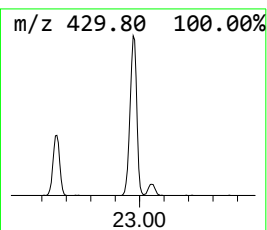
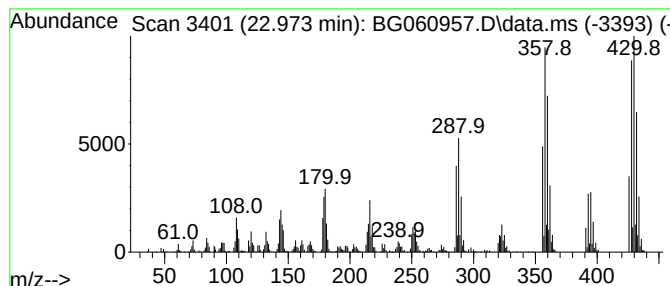
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.973	54.99 ng	2499770	Chrysene-d12	21.581

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	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	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',4,5,6,6,...	426	C12H2Cl8	052663-73-7	99		
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060957.D
Acq On : 19 Apr 2024 13:30
Operator : MA/JU
Sample : P2125-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-101-SB01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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, ...	19.236	101.0	ng	2736970	4	17.315	542018	20.0
2,3,3',4',5'- P...	19.519	71.4	ng	3245180	5	21.581	909233	20.0
1,1'-Biphenyl, ...	20.088	77.9	ng	3542770	5	21.581	909233	20.0
2,3,4,4',5,6-He...	20.130	42.2	ng	1920250	5	21.581	909233	20.0
1,1'-Biphenyl, ...	20.229	194.2	ng	8827400	5	21.581	909233	20.0
1,1'-Biphenyl, ...	20.423	27.6	ng	1254340	5	21.581	909233	20.0
1,1'-Biphenyl, ...	20.511	216.4	ng	9839530	5	21.581	909233	20.0
1,1'-Biphenyl, ...	20.558	56.8	ng	2582640	5	21.581	909233	20.0
1,1'-Biphenyl, ...	20.664	112.3	ng	5103510	5	21.581	909233	20.0
unknown20.829	20.829	194.2	ng	8830610	5	21.581	909233	20.0
2,2',3,3',4,5,6...	20.876	24.2	ng	1098400	5	21.581	909233	20.0
1,1'-Biphenyl, ...	20.982	144.7	ng	6576330	5	21.581	909233	20.0
1,1'-Biphenyl, ...	21.046	65.0	ng	2956000	5	21.581	909233	20.0
1,1'-Biphenyl, ...	21.281	123.8	ng	5627040	5	21.581	909233	20.0
1,1'-Biphenyl, ...	21.340	71.8	ng	3261990	5	21.581	909233	20.0
2,2',3,3',4,5',...	21.404	25.9	ng	1178740	5	21.581	909233	20.0
unknown22.021	22.021	107.2	ng	4874570	5	21.581	909233	20.0
1,1'-Biphenyl, ...	22.098	58.2	ng	2645350	5	21.581	909233	20.0
1,1'-Biphenyl, ...	22.192	67.2	ng	3056870	5	21.581	909233	20.0
1,1'-Biphenyl, ...	22.973	55.0	ng	2499770	5	21.581	909233	20.0