

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
 Data File : BG064722.D
 Acq On : 7 Nov 2025 18:56
 Operator : RC/JU
 Sample : Q3577-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1A

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-BG102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064722.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	10	15	24	rBV4	25112	55905	2.91%	0.332%
2	3.257	24	29	46	rVB	361698	613658	31.96%	3.649%
3	5.731	443	450	466	rBV	346178	577932	30.10%	3.437%
4	7.340	716	724	739	rBV	287033	541899	28.22%	3.222%
5	8.198	863	870	877	rBV	128630	218883	11.40%	1.302%
6	9.362	1060	1068	1081	rBV	176245	334170	17.41%	1.987%
7	11.024	1341	1351	1370	rBV	162759	316593	16.49%	1.883%
8	13.451	1756	1764	1781	rBV	494227	824872	42.96%	4.905%
9	14.820	1991	1997	2006	rBV	295936	494230	25.74%	2.939%
10	16.165	2217	2226	2233	rBV	42840	71282	3.71%	0.424%
11	16.301	2242	2249	2261	rBV	488657	797890	41.56%	4.745%
12	17.558	2456	2463	2468	rBV2	434878	702183	36.57%	4.175%
13	17.599	2468	2470	2477	rVV	94492	128179	6.68%	0.762%
14	17.687	2481	2485	2489	rVV2	13133	24485	1.28%	0.146%
15	17.734	2489	2493	2501	rVB	55855	81854	4.26%	0.487%
16	18.157	2557	2565	2573	rBV	152979	245271	12.78%	1.458%
17	18.269	2578	2584	2589	rBV2	60080	83820	4.37%	0.498%
18	18.351	2593	2598	2602	rBV2	18595	25513	1.33%	0.152%
19	18.404	2602	2607	2609	rBV2	59187	82023	4.27%	0.488%
20	18.433	2609	2612	2613	rVV2	51690	65668	3.42%	0.390%
21	18.457	2613	2616	2626	rVB3	73069	134944	7.03%	0.802%
22	18.563	2628	2634	2638	rBV2	30310	44870	2.34%	0.267%
23	18.616	2638	2643	2649	rVV2	190141	290194	15.11%	1.726%
24	18.680	2649	2654	2657	rVV2	152029	220866	11.50%	1.313%
25	18.721	2657	2661	2667	rVB	136317	183531	9.56%	1.091%
26	18.898	2686	2691	2696	rBV2	161553	266591	13.89%	1.585%
27	18.945	2696	2699	2705	rVB2	91726	134827	7.02%	0.802%
28	19.039	2710	2715	2717	rVV2	109661	147690	7.69%	0.878%
29	19.074	2717	2721	2728	rVB	220363	304374	15.85%	1.810%
30	19.174	2728	2738	2743	rBV	65859	102578	5.34%	0.610%
31	19.326	2760	2764	2768	rBV5	13044	25498	1.33%	0.152%
32	19.373	2768	2772	2776	rVV	176985	232609	12.12%	1.383%
33	19.426	2776	2781	2783	rVV	162379	232961	12.13%	1.385%
34	19.462	2783	2787	2793	rVB2	392832	581868	30.31%	3.460%
35	19.538	2796	2800	2804	rVB2	34095	40209	2.09%	0.239%
36	19.597	2804	2810	2816	rBV	210131	311775	16.24%	1.854%

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37	19.673	2816	2823	2829	rBV	186897	417214	21.73%	2.481%
38	19.732	2829	2833	2839	rVB	159413	217255	11.32%	1.292%
39	19.791	2839	2843	2848	rVB2	76941	100911	5.26%	0.600%
40	19.843	2848	2852	2860	rVB4	20571	33429	1.74%	0.199%
41	19.920	2861	2865	2867	rBV2	46204	60402	3.15%	0.359%
42	19.955	2867	2871	2875	rVV	185032	266588	13.89%	1.585%
43	19.990	2875	2877	2881	rVB2	50954	53097	2.77%	0.316%
44	20.067	2886	2890	2894	rVB	68736	85909	4.47%	0.511%
45	20.149	2894	2904	2913	rBV	1220345	1919929	100.00%	11.417%
46	20.214	2913	2915	2920	rVB	25624	29763	1.55%	0.177%
47	20.290	2920	2928	2929	rBV5	17558	33436	1.74%	0.199%
48	20.314	2929	2932	2936	rVB4	32006	41900	2.18%	0.249%
49	20.437	2944	2953	2957	rBV3	41019	94069	4.90%	0.559%
50	20.478	2957	2960	2965	rVB	112477	140111	7.30%	0.833%
51	20.543	2966	2971	2974	rBV	19386	26344	1.37%	0.157%
52	20.601	2976	2981	2989	rVB4	28801	65123	3.39%	0.387%
53	20.789	3008	3013	3015	rVV	93381	154062	8.02%	0.916%
54	20.819	3015	3018	3030	rVB	389560	500893	26.09%	2.979%
55	21.030	3051	3054	3058	rBV6	17732	22738	1.18%	0.135%
56	21.207	3082	3084	3089	rVB2	18579	20872	1.09%	0.124%
57	21.453	3120	3126	3131	rBV5	63579	117551	6.12%	0.699%
58	21.829	3181	3190	3195	rBV3	528056	1106661	57.64%	6.581%
59	21.871	3195	3197	3205	rVB	96129	151129	7.87%	0.899%
60	22.029	3221	3224	3229	rVB4	27864	37530	1.95%	0.223%
61	22.658	3326	3331	3338	rVB5	27731	53157	2.77%	0.316%
62	23.375	3451	3453	3460	rVB6	20747	37129	1.93%	0.221%
63	24.097	3568	3576	3585	rBV3	57526	216688	11.29%	1.289%
64	24.844	3696	3703	3712	rVB2	41345	115393	6.01%	0.686%
65	24.996	3721	3729	3738	rVB2	53539	150915	7.86%	0.897%
66	25.155	3744	3756	3765	rBV	320537	1004930	52.34%	5.976%

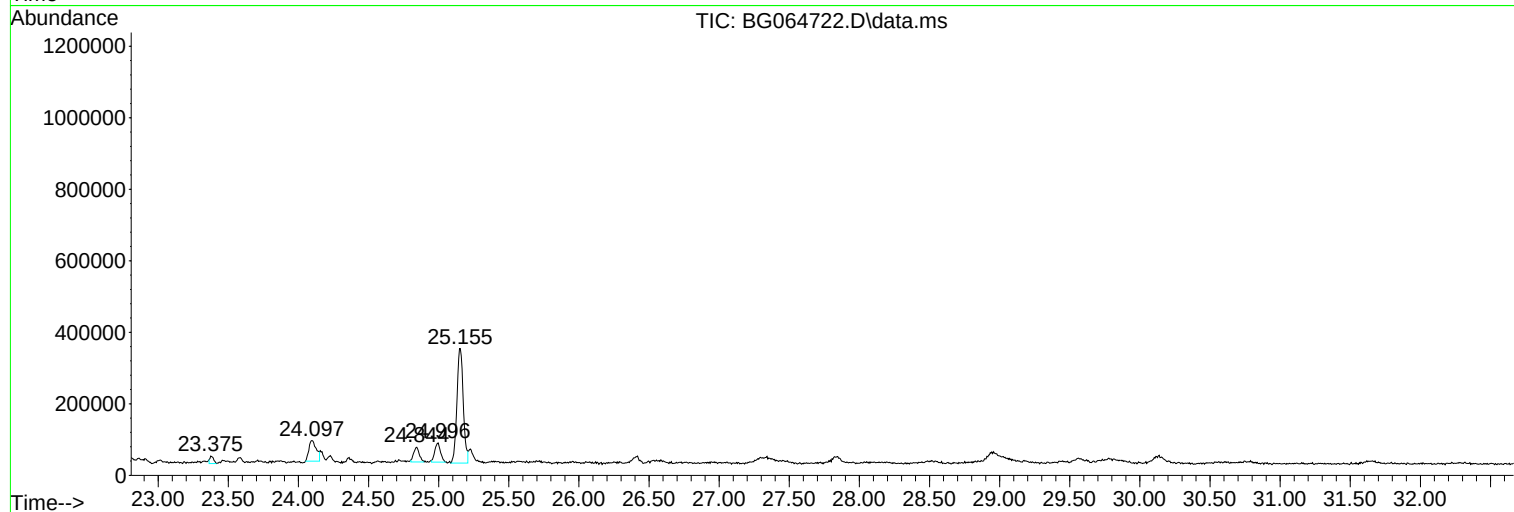
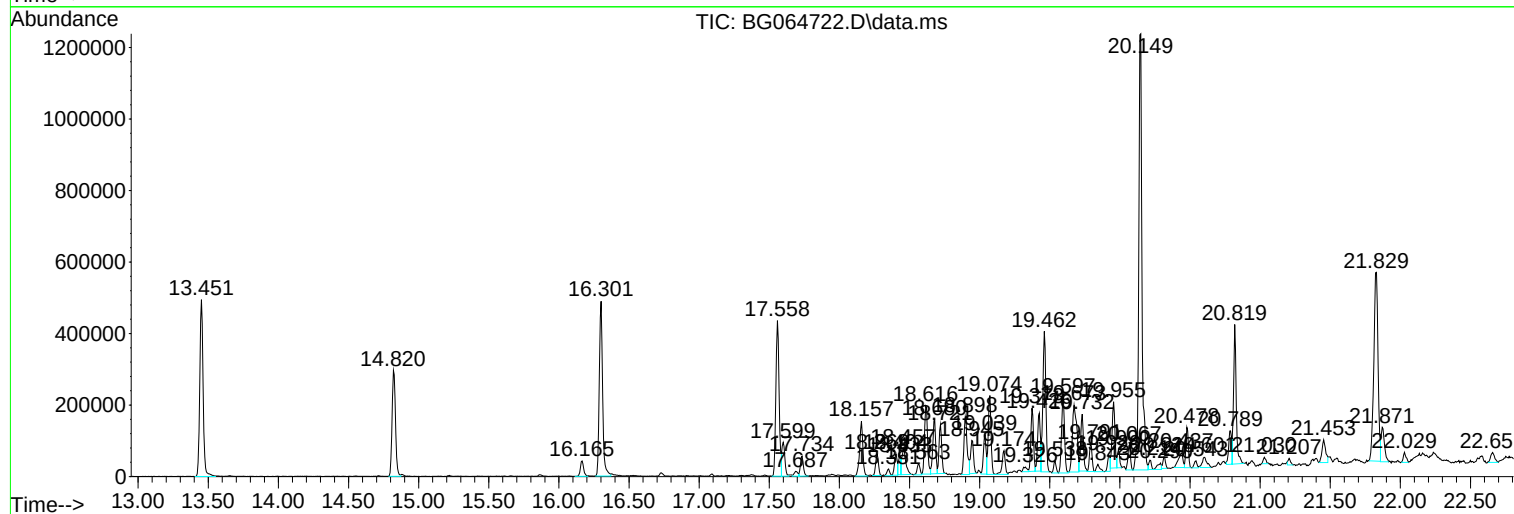
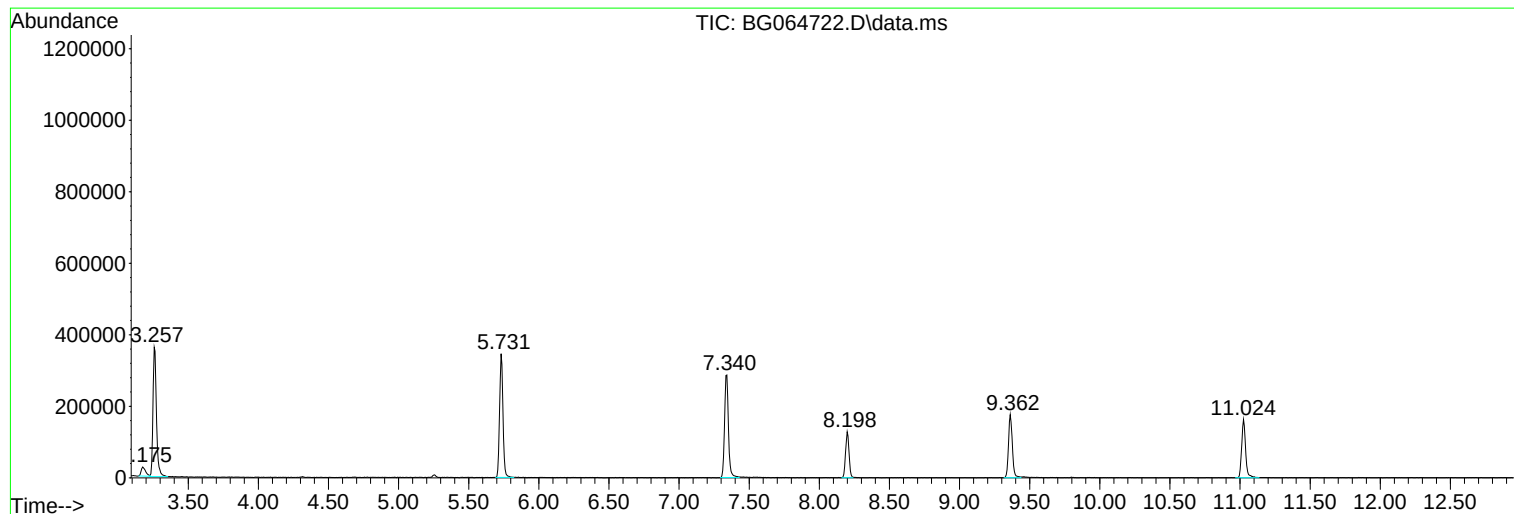
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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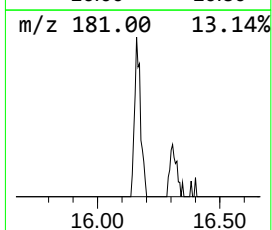
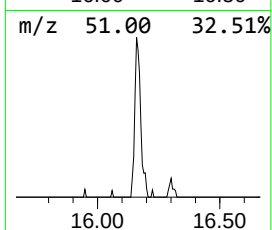
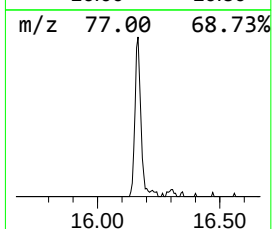
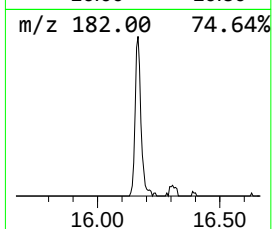
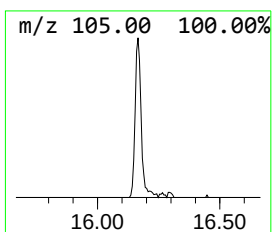
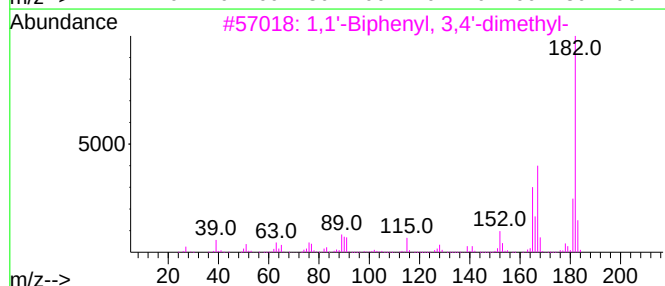
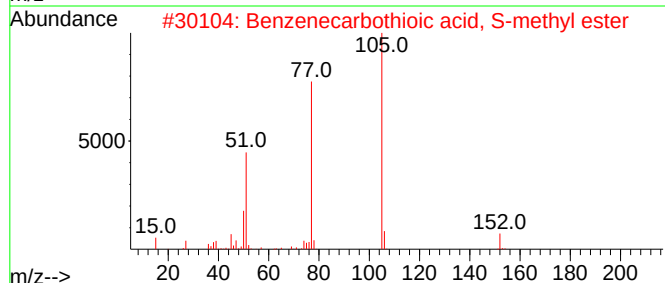
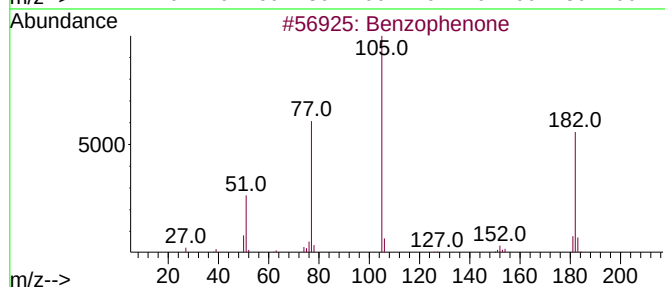
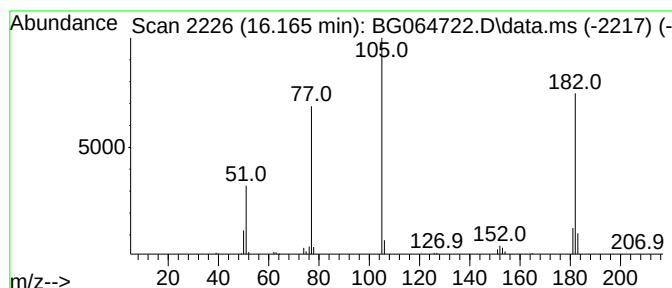
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.165	2.88 ng	71282	Acenaphthene-d10	14.820

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	46
4			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	45
5			9-Borabicyclo[3.3.1]nonane, 9-et...	182	C10H19BS	1000155-58-6	43



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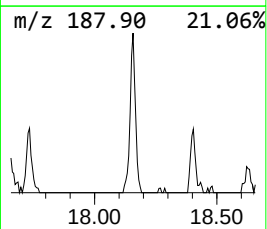
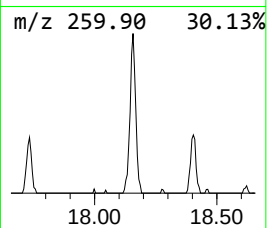
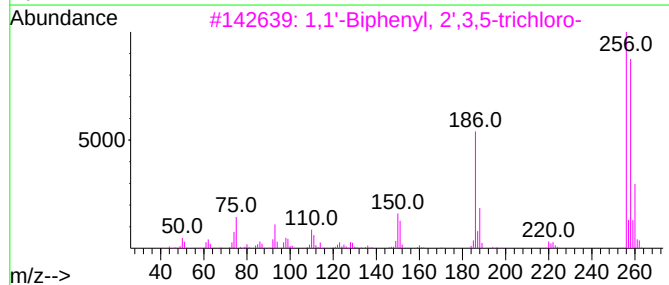
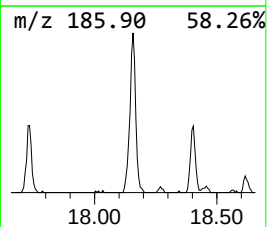
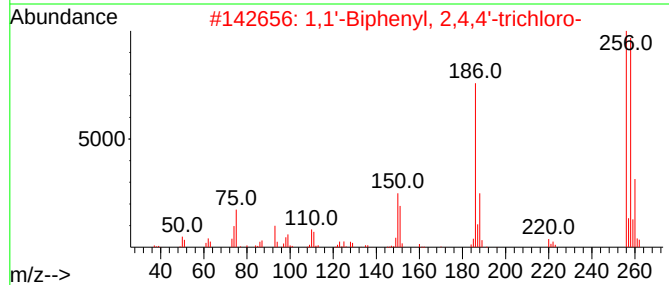
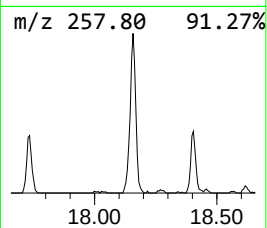
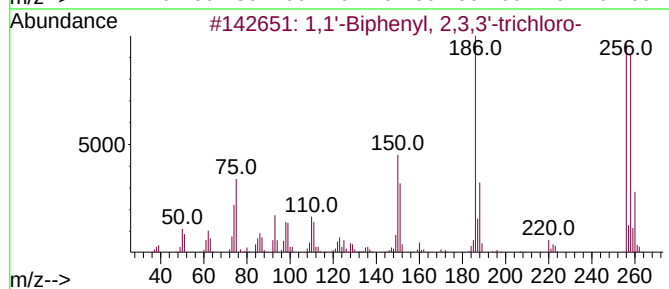
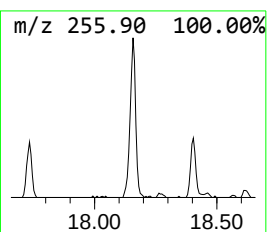
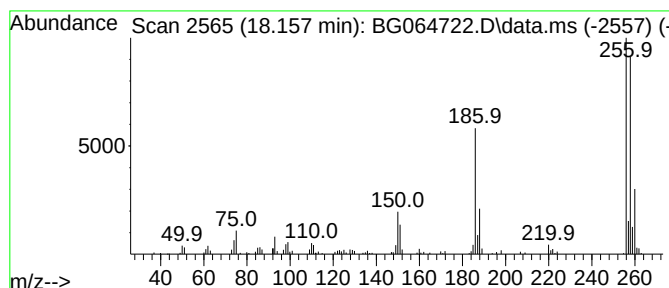
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.157	6.99 ng	245271	Phenanthrene-d10		17.558	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3'-trichloro-		256	C12H7Cl3	038444-84-7	99
2	1,1'-Biphenyl, 2,4,4'-trichloro-		256	C12H7Cl3	007012-37-5	99
3	1,1'-Biphenyl, 2',3,5-trichloro-		256	C12H7Cl3	037680-68-5	98
4	1,1'-Biphenyl, 2,3',5-trichloro-		256	C12H7Cl3	038444-81-4	97
5	1,1'-Biphenyl, 3,4',5-trichloro-		256	C12H7Cl3	038444-88-1	96



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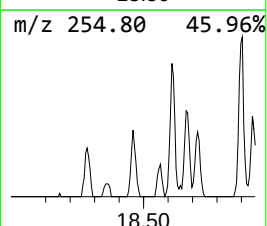
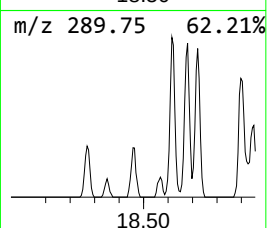
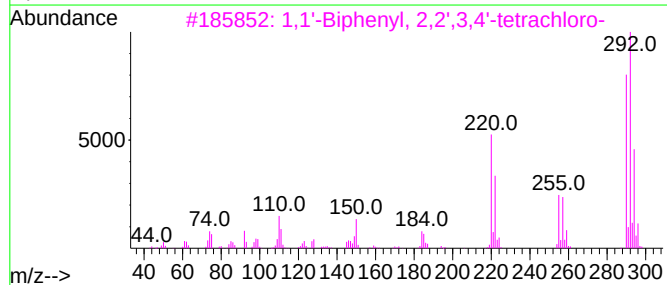
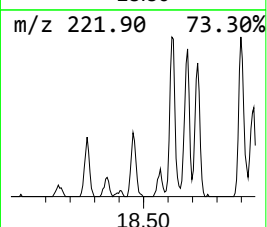
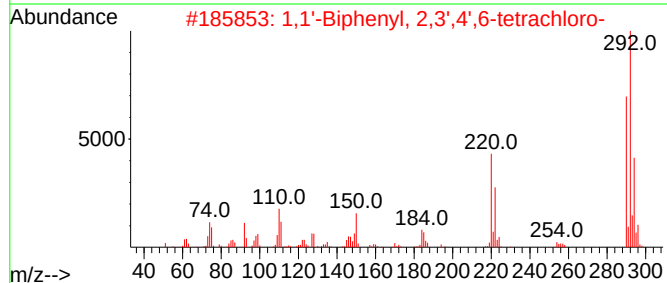
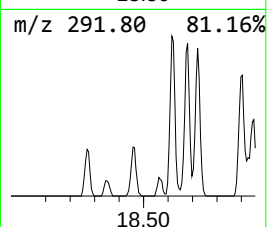
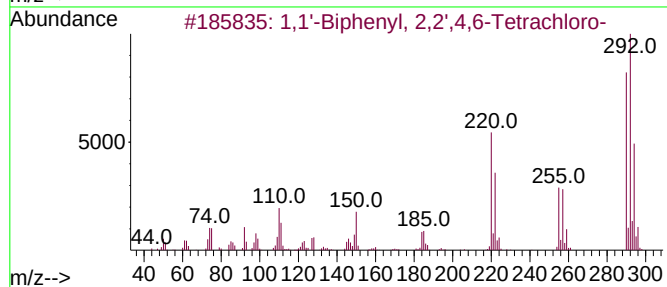
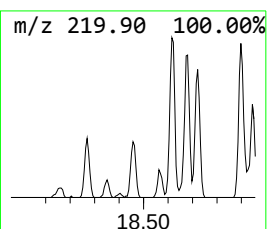
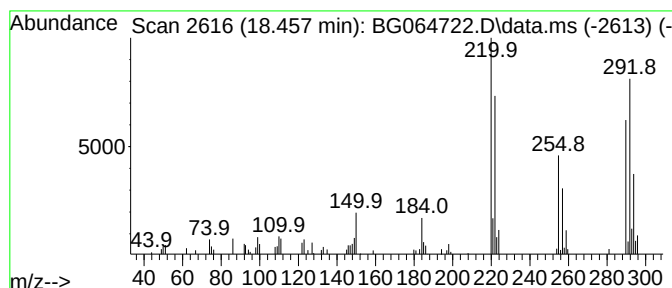
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.457	3.84 ng	134944	Phenanthrene-d10	17.558	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	97
2	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	97
3	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	96
4	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	95
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	95



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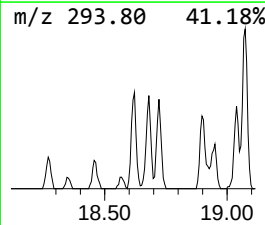
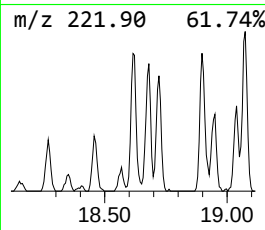
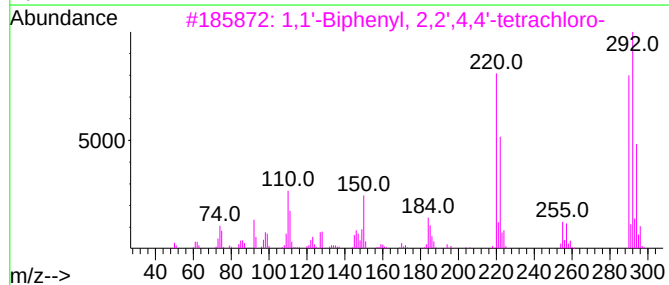
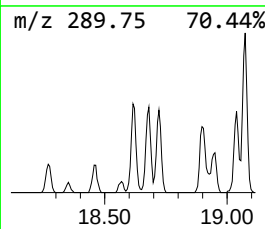
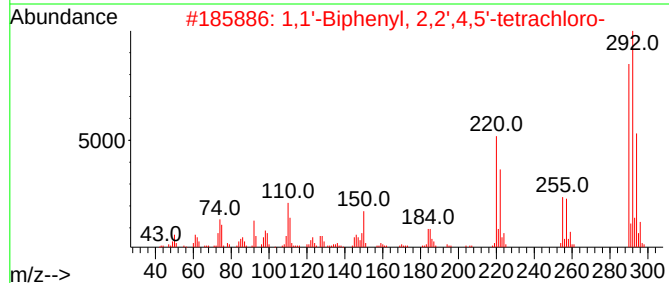
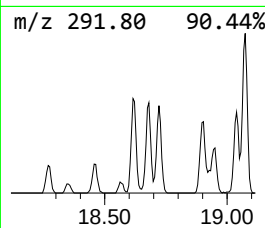
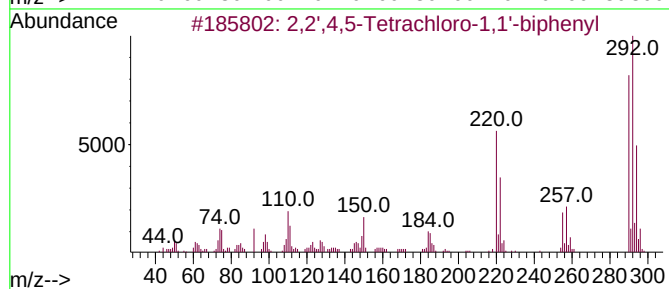
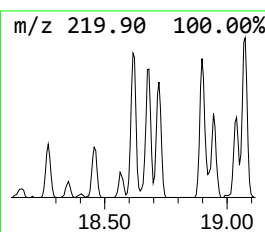
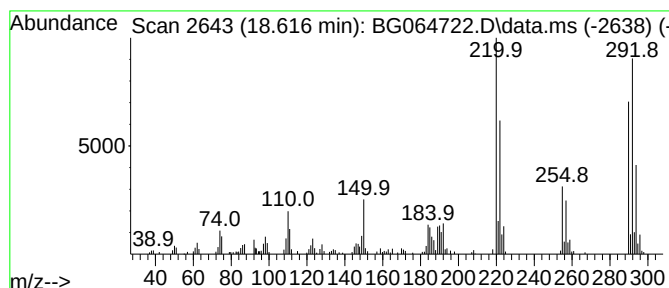
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.616	8.27 ng	290194	Phenanthrene-d10	17.558	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
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Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

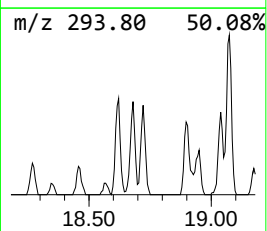
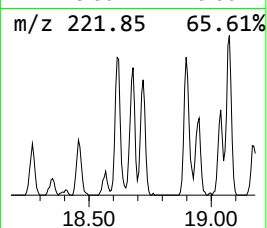
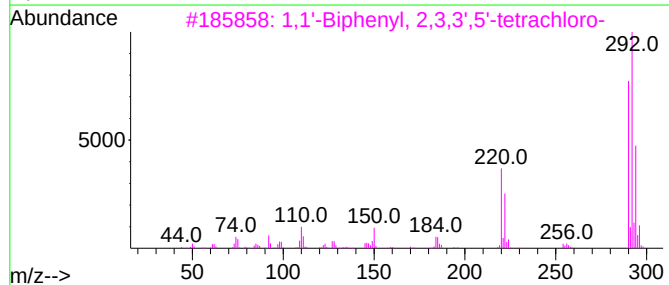
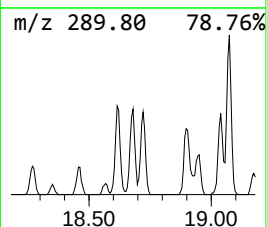
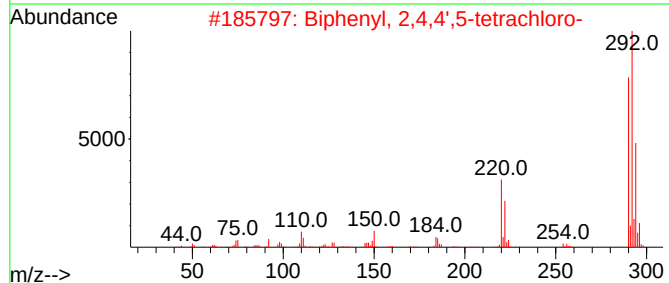
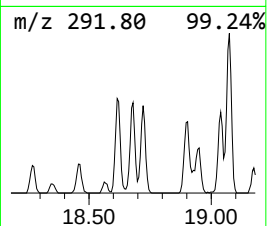
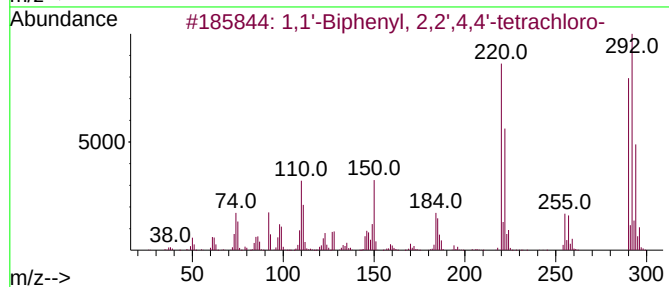
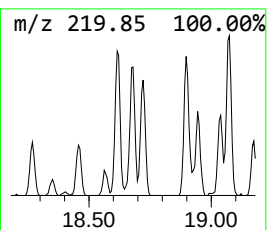
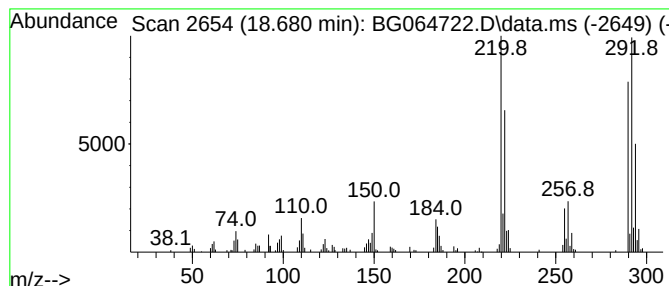
Instrument :
BNA_G
ClientSampleId :
WC-1A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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'-te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.680	6.29 ng	220866	Phenanthrene-d10		17.558	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2		Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4		2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
5		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1A

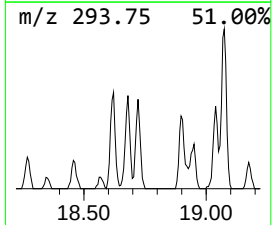
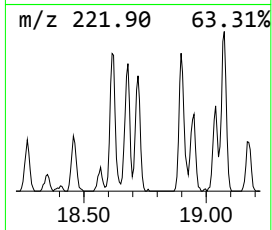
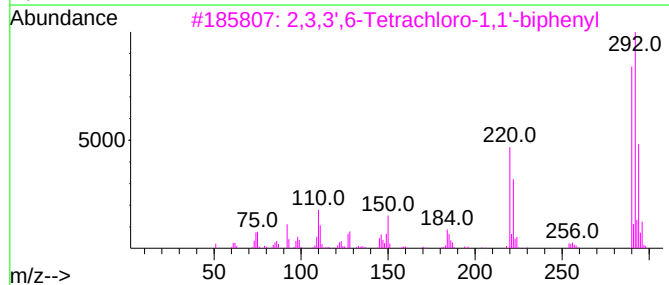
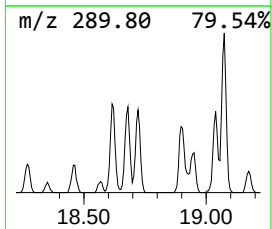
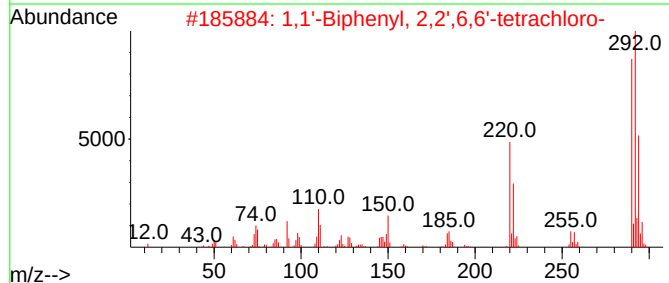
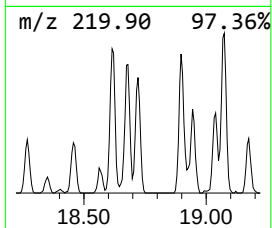
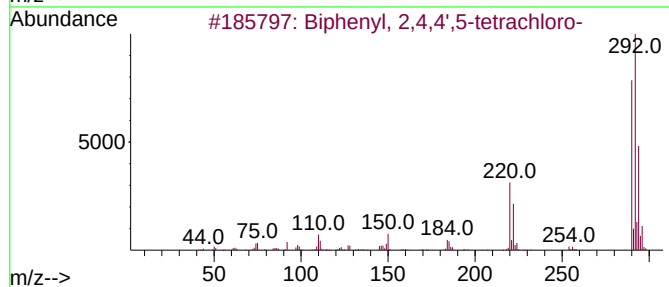
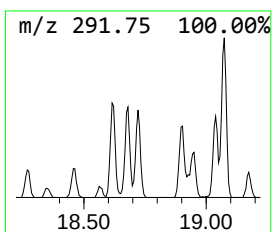
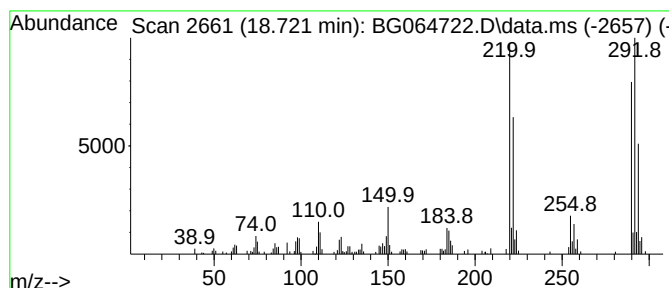
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Biphenyl, 2,4,4',5-tetrachl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.721	5.23 ng	183531	Phenanthrene-d10	17.558

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
2			1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3			2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99
4			1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
5			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
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Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

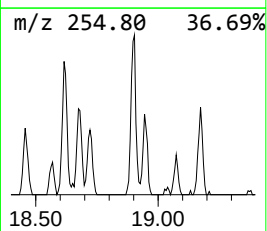
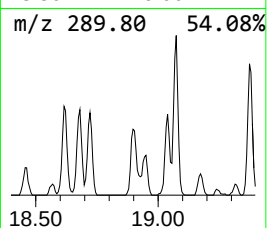
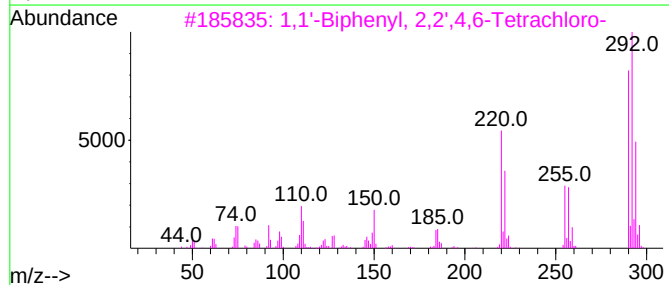
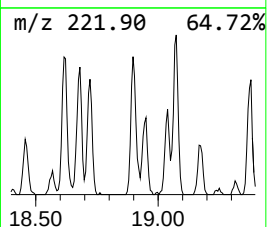
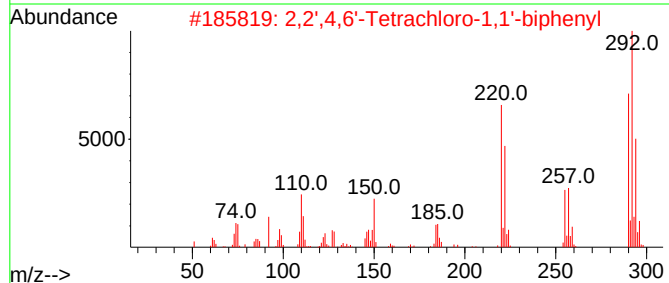
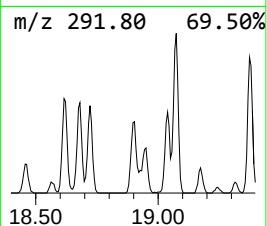
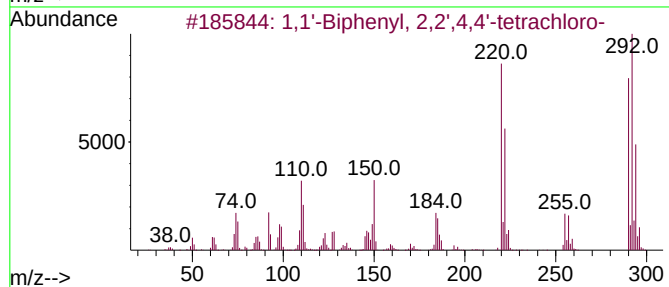
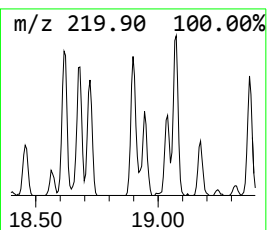
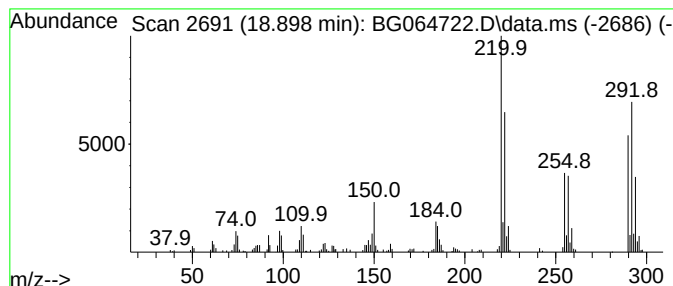
Instrument :
BNA_G
ClientSampleId :
WC-1A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.898	7.59 ng	266591	Phenanthrene-d10	17.558	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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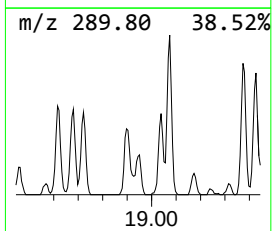
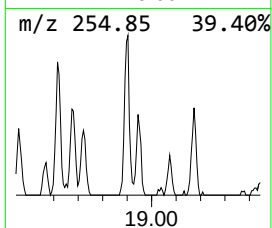
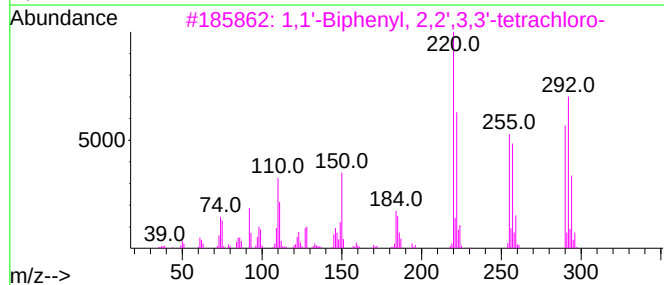
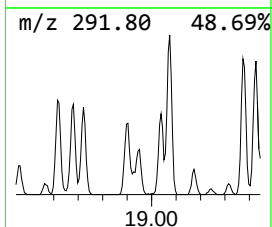
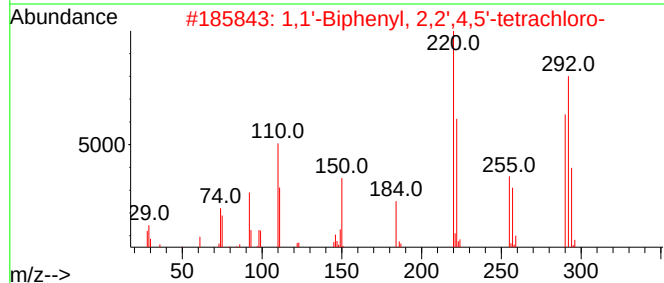
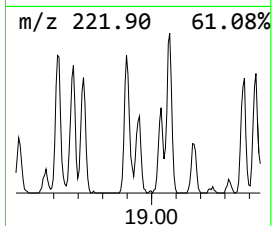
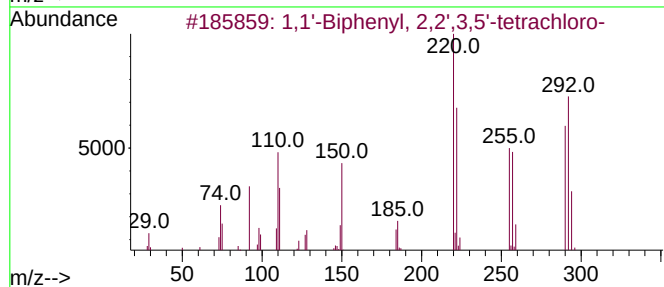
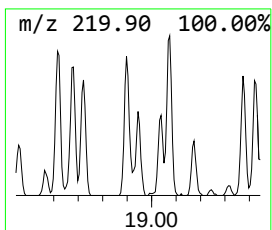
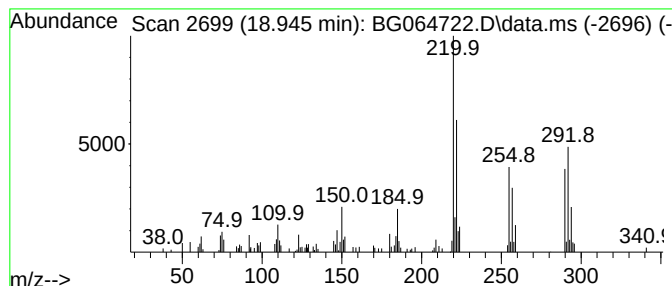
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	3.84 ng	134827	Phenanthrene-d10	17.558

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	94		
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	93		
3	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	91		
4	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	87		
5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	86		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

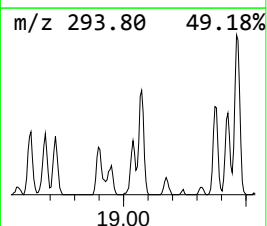
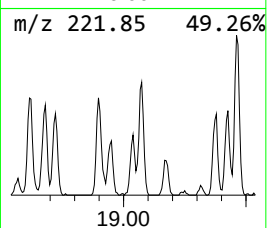
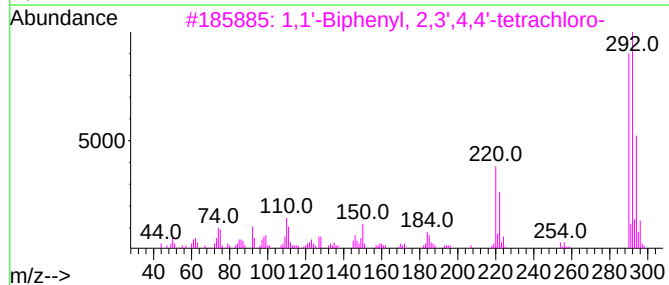
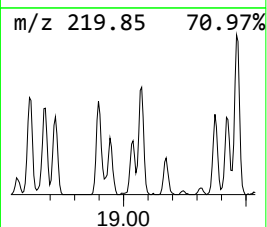
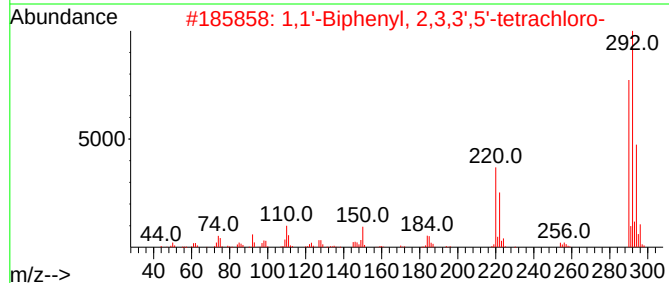
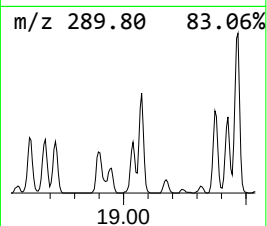
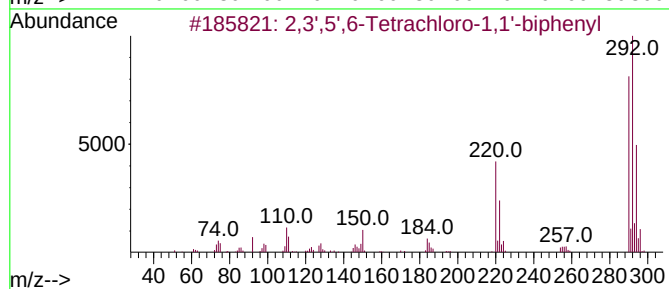
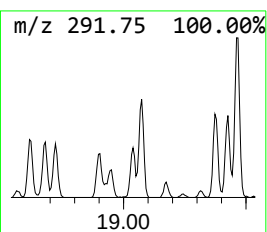
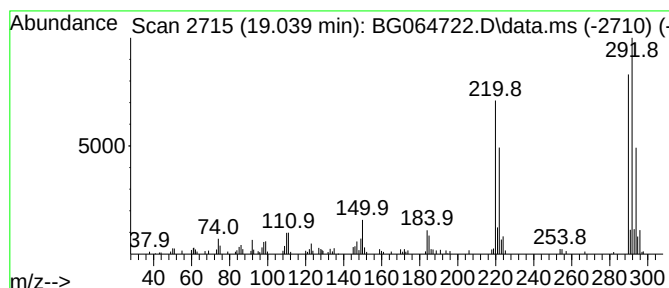
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,3',5',6-Tetrachloro-1,1'-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.038	4.21 ng	147690	Phenanthrene-d10	17.558	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3',5',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074338-23-1	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	99
4	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	98
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
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Misc :
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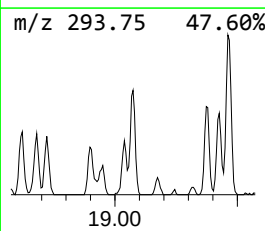
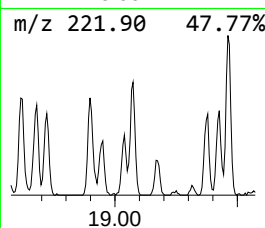
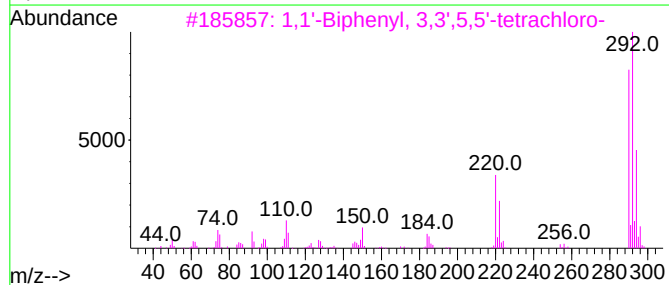
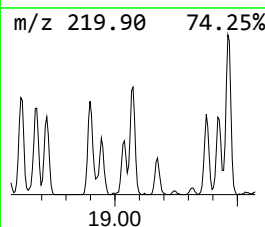
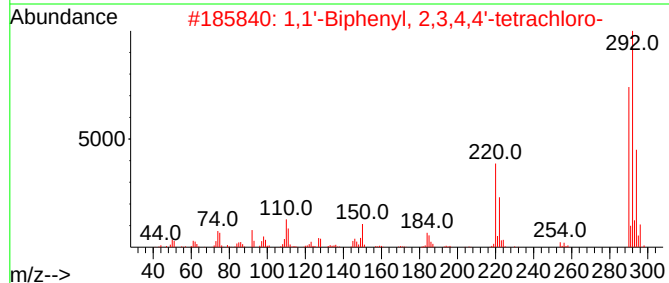
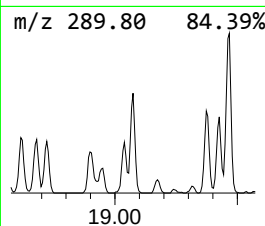
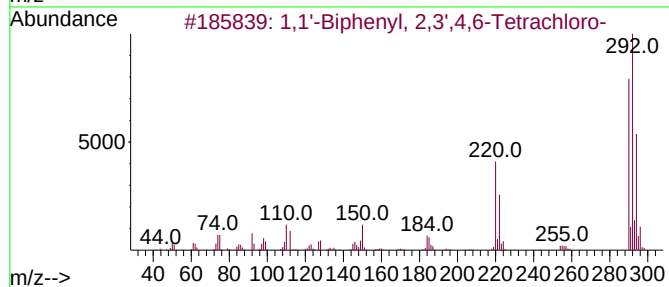
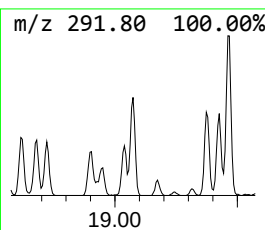
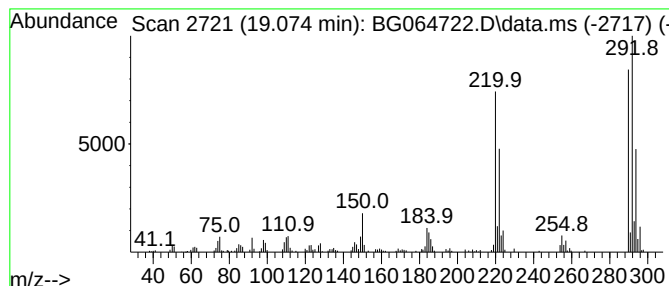
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,3',4,6-Tet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.074	8.67 ng	304374	Phenanthrene-d10		17.558	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,6-Tetrachl...		290	C12H6Cl4	060233-24-1	99
2	1,1'-Biphenyl, 2,3,4,4'-tetrachl...		290	C12H6Cl4	033025-41-1	99
3	1,1'-Biphenyl, 3,3',5,5'-tetrach...		290	C12H6Cl4	033284-52-5	99
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...		290	C12H6Cl4	041464-43-1	99
5	2,3',4,5-Tetrachloro-1,1'-biphenyl		290	C12H6Cl4	073575-53-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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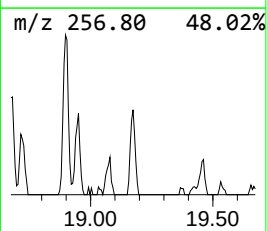
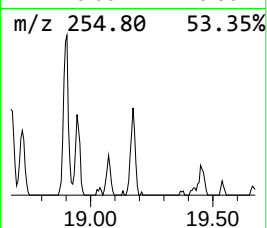
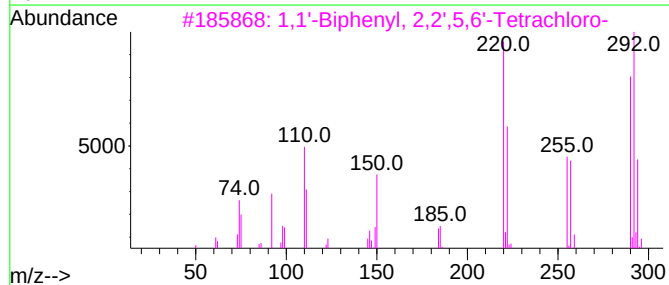
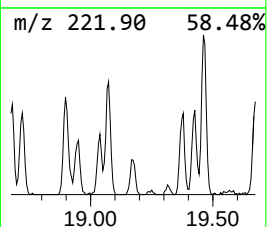
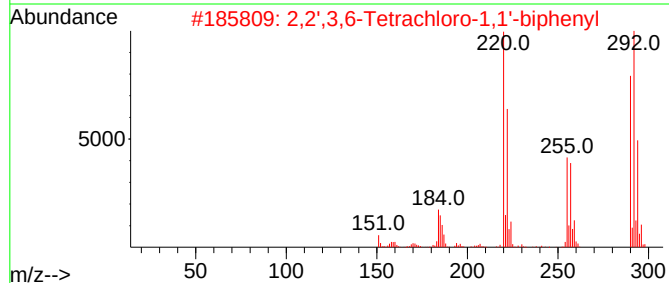
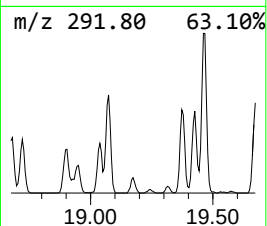
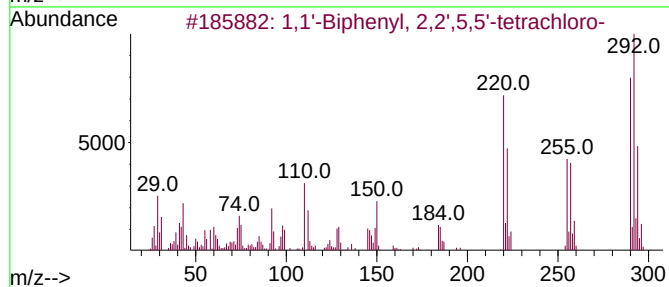
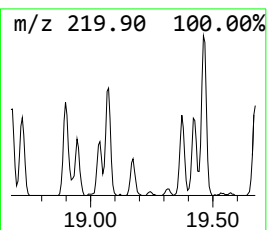
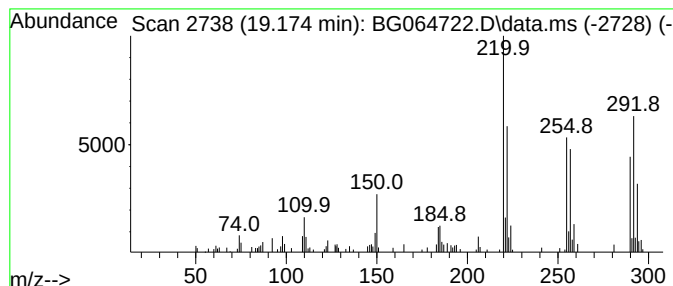
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	2.92 ng	102578	Phenanthrene-d10	17.558

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99		
2	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99		
3	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99		
4	1,1'-Biphenyl, 2,2',3,3'-tetrach...	290	C12H6Cl4	038444-93-8	99		
5	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

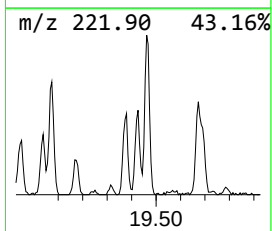
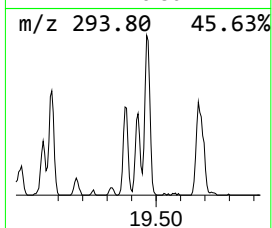
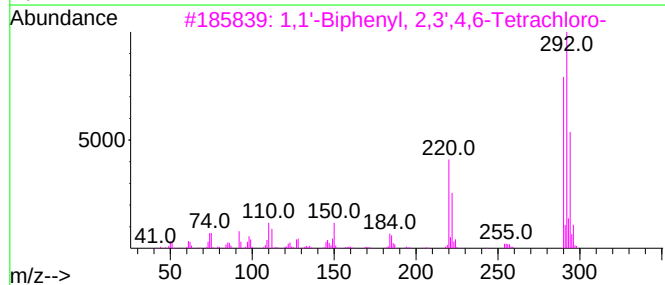
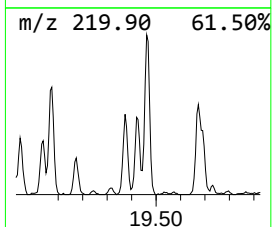
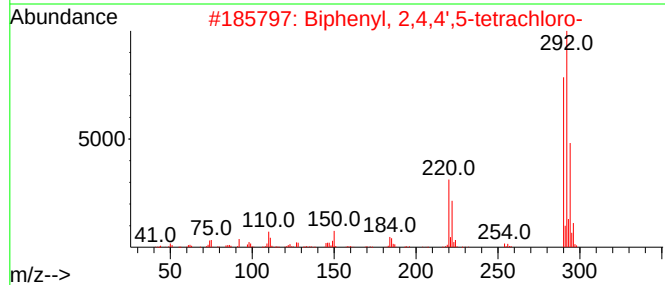
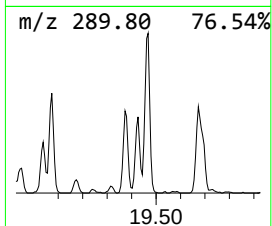
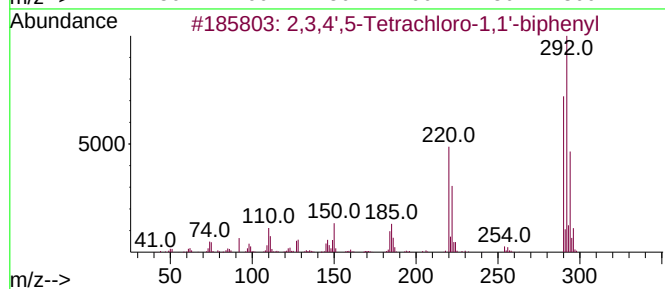
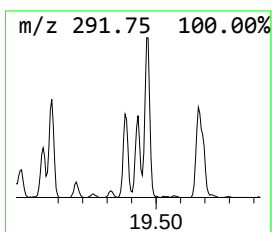
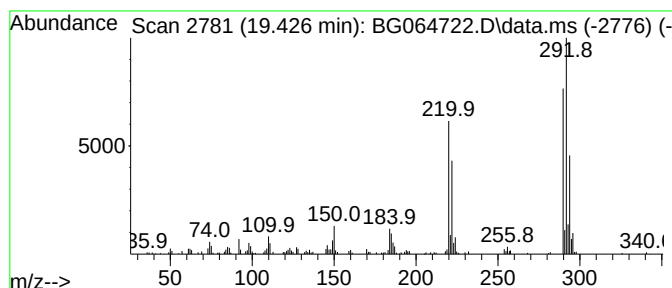
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BNA_G
ClientSampleId :
WC-1A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,3,4',5-Tetrachloro-1,1'-b... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.426	6.64 ng	232961	Phenanthrene-d10	17.558	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4',5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-34-7	99
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	99
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99
5	2,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-53-8	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

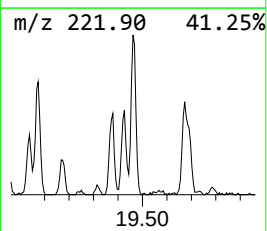
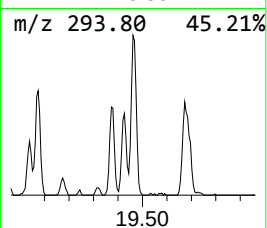
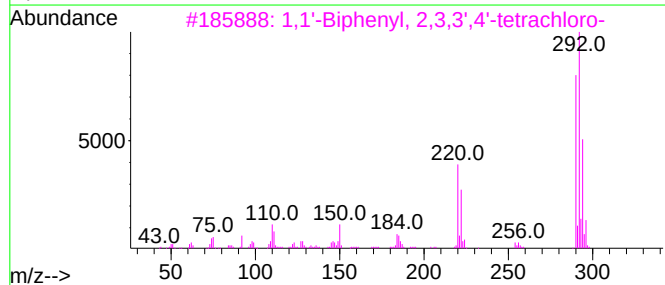
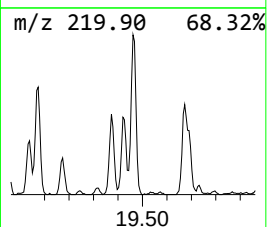
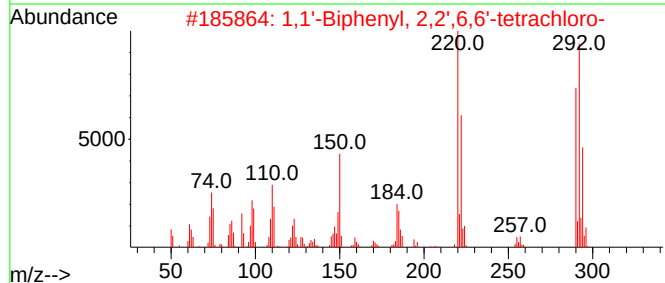
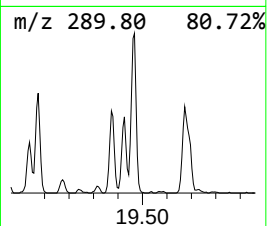
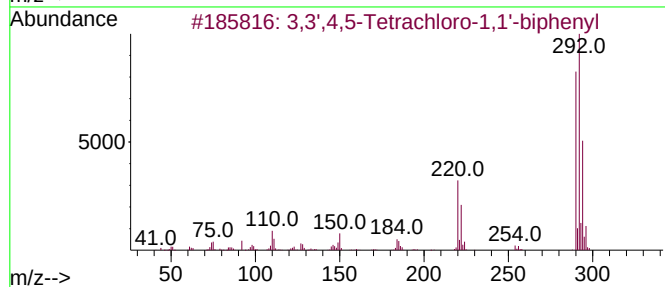
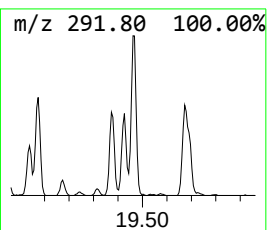
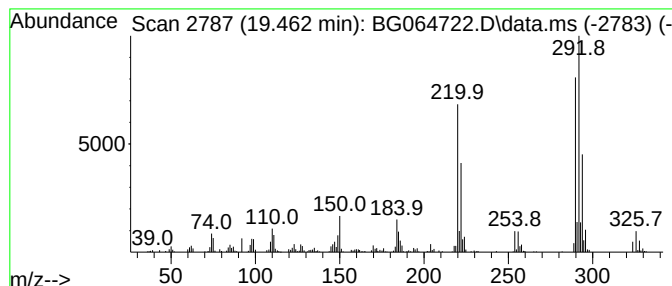
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.462	16.57 ng	581868	Phenanthrene-d10	17.558	
Hit#	of 5	Tentative ID	MW MolForm	CAS#	Qual
1	3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99
4	2,3',4,5'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	073575-52-7	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

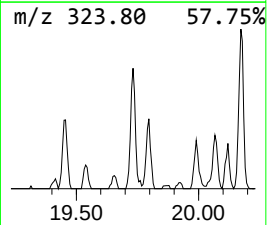
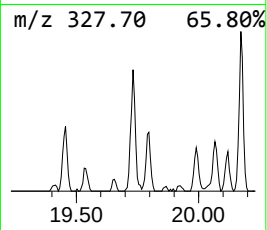
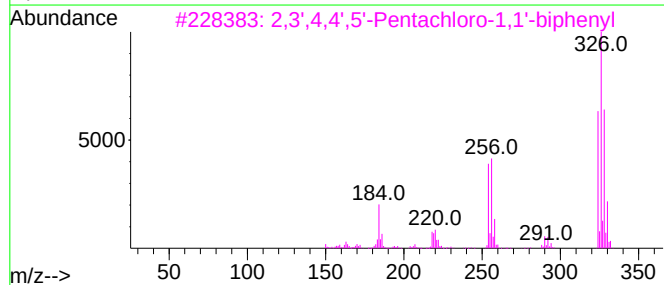
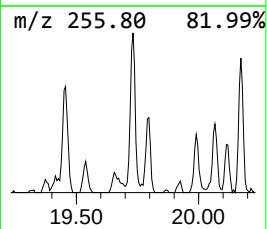
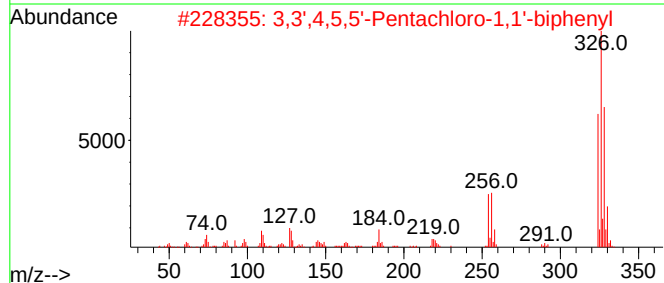
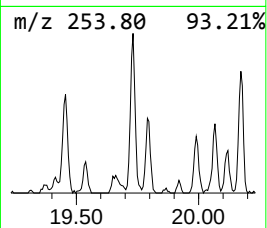
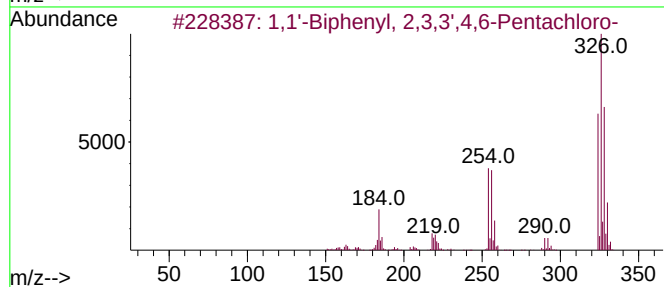
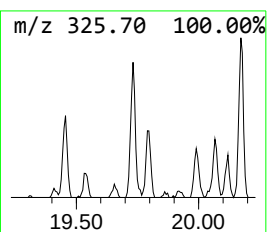
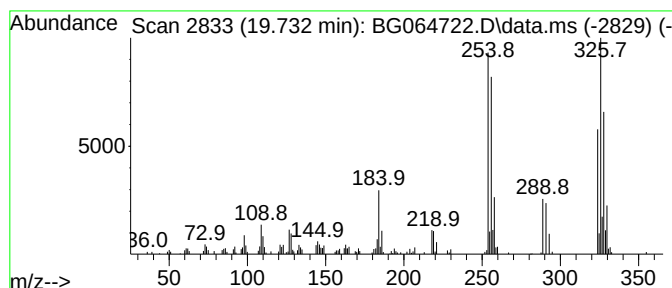
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3,3',4,6-P... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.732	3.93 ng	217255	Chrysene-d12	21.829	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	97
2	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	97
3	2,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	065510-44-3	96
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95
5	3,3',4,4',5'-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1A

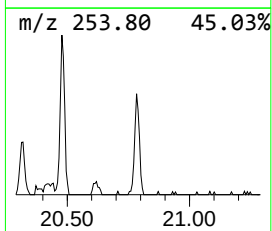
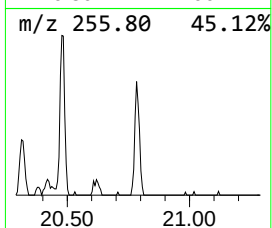
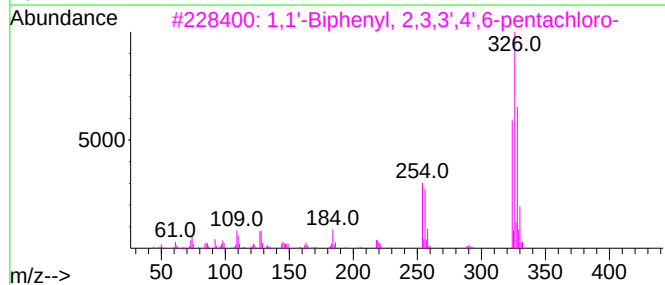
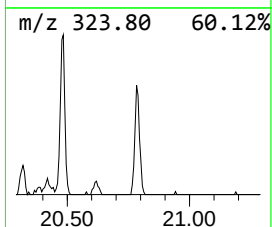
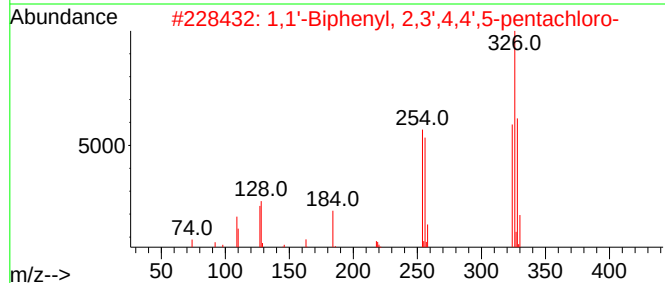
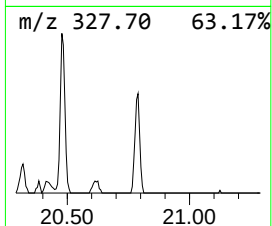
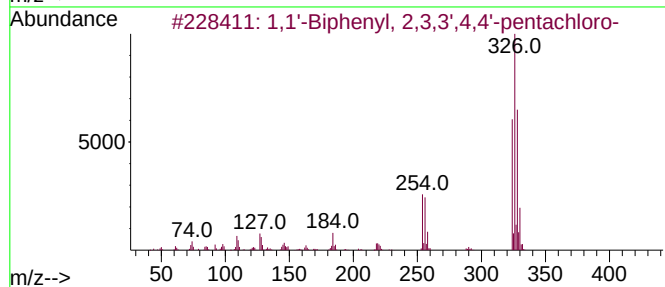
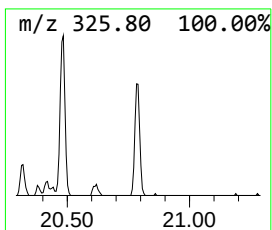
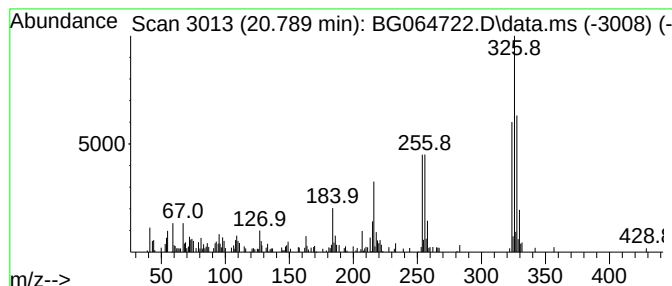
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.789	2.78 ng	154062	Chrysene-d12	21.829

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99		
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98		
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98		
4	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98		
5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	98		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
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Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

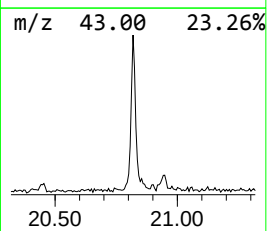
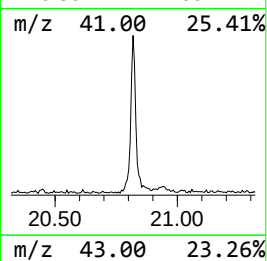
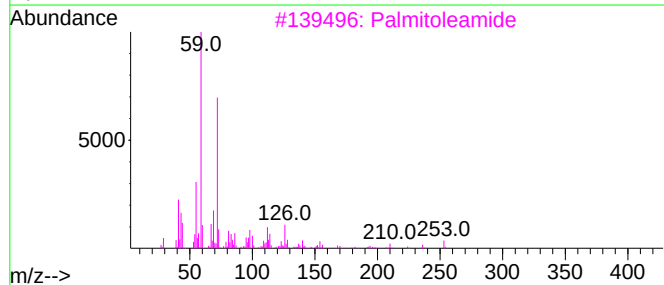
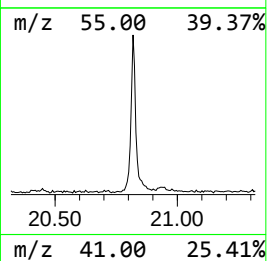
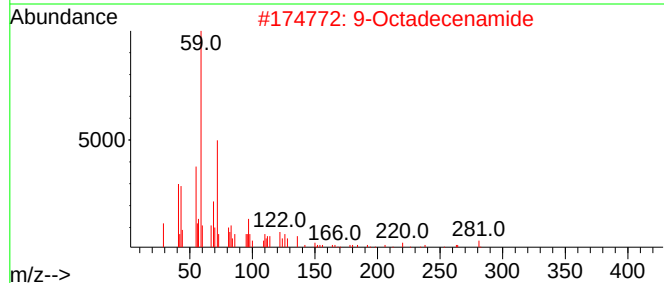
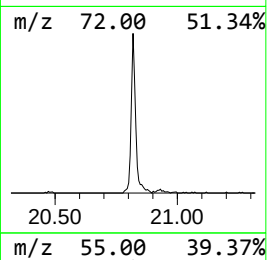
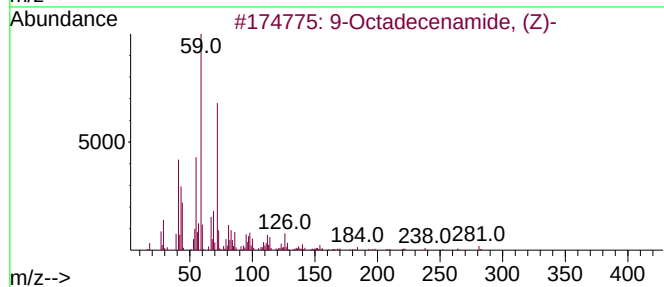
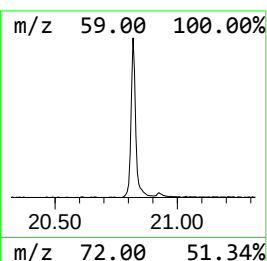
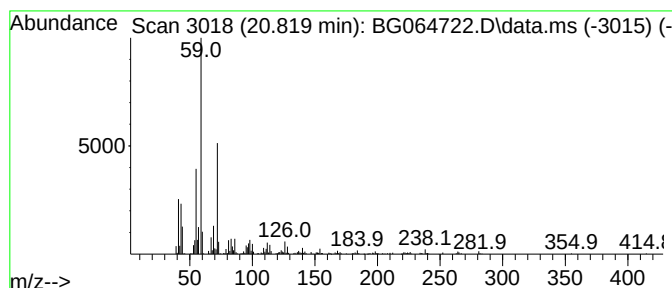
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.819	9.05 ng	500893	Chrysene-d12	21.829	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	9-Octadecenamide	281	C18H35NO	003322-62-1	86
3	Palmitoleamide	253	C16H31NO	106010-22-4	78
4	Dodecanamide	199	C12H25NO	001120-16-7	72
5	Nonanamide	157	C9H19NO	001120-07-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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
Benzophenone	16.165	2.9	ng	71282	3	14.820	494230	20.0
1,1'-Biphenyl, ...	18.157	7.0	ng	245271	4	17.558	702183	20.0
1,1'-Biphenyl, ...	18.457	3.8	ng	134944	4	17.558	702183	20.0
2,2',4,5-Tetrac...	18.616	8.3	ng	290194	4	17.558	702183	20.0
1,1'-Biphenyl, ...	18.680	6.3	ng	220866	4	17.558	702183	20.0
Biphenyl, 2,4,4...	18.721	5.2	ng	183531	4	17.558	702183	20.0
2,2',4,6'-Tetra...	18.898	7.6	ng	266591	4	17.558	702183	20.0
1,1'-Biphenyl, ...	18.945	3.8	ng	134827	4	17.558	702183	20.0
2,3',5',6-Tetra...	19.038	4.2	ng	147690	4	17.558	702183	20.0
1,1'-Biphenyl, ...	19.074	8.7	ng	304374	4	17.558	702183	20.0
1,1'-Biphenyl, ...	19.174	2.9	ng	102578	4	17.558	702183	20.0
2,3,4',5-Tetrac...	19.426	6.6	ng	232961	4	17.558	702183	20.0
3,3',4,5-Tetrac...	19.462	16.6	ng	581868	4	17.558	702183	20.0
1,1'-Biphenyl, ...	19.732	3.9	ng	217255	5	21.829	1106660	20.0
1,1'-Biphenyl, ...	20.789	2.8	ng	154062	5	21.829	1106660	20.0
9-Octadecenamid...	20.819	9.1	ng	500893	5	21.829	1106660	20.0