

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128659.D
 Acq On : 03 Jun 2022 01:39
 Operator : CG\JU
 Sample : N2984-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-1218-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128659.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	466	470	475	rVB	75659	92955	2.60%	0.281%
2	5.475	539	542	550	rBV	2584539	2635836	73.84%	7.955%
3	6.487	710	714	725	rBV	3027372	2785804	78.04%	8.408%
4	6.822	767	771	774	rBV	1000459	758826	21.26%	2.290%
5	7.387	861	867	870	rBV	1887161	1982422	55.54%	5.983%
6	8.104	984	989	993	rBV	1143091	966372	27.07%	2.917%
7	9.187	1167	1173	1176	rBV	4170955	3569569	100.00%	10.773%
8	9.863	1282	1288	1291	rBV	1292697	1067199	29.90%	3.221%
9	10.657	1417	1423	1426	rBV	2006478	1841423	51.59%	5.558%
10	11.351	1537	1541	1543	rBV	1173943	1020179	28.58%	3.079%
11	11.369	1543	1544	1548	rVB	167778	122974	3.45%	0.371%
12	12.480	1728	1733	1737	rVB2	204338	180547	5.06%	0.545%
13	12.563	1743	1747	1751	rBV	328871	267353	7.49%	0.807%
14	12.663	1760	1764	1767	rBV	285132	246035	6.89%	0.743%
15	12.792	1780	1786	1789	rBV	300109	278342	7.80%	0.840%
16	12.880	1798	1801	1804	rVB	79491	67279	1.88%	0.203%
17	12.939	1807	1811	1817	rVB	3037719	3074199	86.12%	9.278%
18	13.033	1817	1827	1829	rBV2	363832	363912	10.19%	1.098%
19	13.063	1829	1832	1836	rVV	146255	173481	4.86%	0.524%
20	13.127	1839	1843	1846	rVB	922915	861181	24.13%	2.599%
21	13.157	1846	1848	1854	rBV3	52676	57532	1.61%	0.174%
22	13.210	1854	1857	1862	rBV3	57751	79034	2.21%	0.239%
23	13.263	1862	1866	1869	rVV	137398	127533	3.57%	0.385%
24	13.316	1871	1875	1878	rBV	1230904	1019614	28.56%	3.077%
25	13.345	1878	1880	1886	rVB	287858	249255	6.98%	0.752%
26	13.422	1889	1893	1897	rVB2	470728	481573	13.49%	1.453%
27	13.480	1900	1903	1906	rBV2	102532	100244	2.81%	0.303%
28	13.527	1906	1911	1915	rVV	630665	928567	26.01%	2.803%
29	13.563	1915	1917	1923	rVV	114048	114278	3.20%	0.345%
30	13.633	1925	1929	1932	rVB	748505	647806	18.15%	1.955%
31	13.674	1932	1936	1941	rVB	307468	267461	7.49%	0.807%
32	13.739	1943	1947	1950	rBV2	113050	114644	3.21%	0.346%
33	13.769	1950	1952	1954	rVV	91536	70585	1.98%	0.213%
34	13.822	1957	1961	1964	rVV2	610057	552031	15.46%	1.666%
35	13.857	1964	1967	1971	rVV3	322440	326172	9.14%	0.984%
36	13.898	1971	1974	1976	rVV	154706	143728	4.03%	0.434%

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Integrator: RTE

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Filtering: 5

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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 >

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.916	1976	1977	1983	rVV4	75986	116439	3.26%	0.351%
38	13.992	1983	1990	1993	rVV	783317	952579	26.69%	2.875%
39	14.027	1993	1996	2000	rVB2	1309849	1144707	32.07%	3.455%
40	14.092	2000	2007	2010	rBV	161296	212190	5.94%	0.640%
41	14.245	2029	2033	2037	rBV	512111	478152	13.40%	1.443%
42	14.286	2037	2040	2043	rVB	268614	222800	6.24%	0.672%
43	14.333	2044	2048	2051	rBV	284449	242415	6.79%	0.732%
44	14.469	2066	2071	2075	rBV3	45737	69857	1.96%	0.211%
45	14.557	2083	2086	2089	rBV2	103557	93755	2.63%	0.283%
46	14.704	2105	2111	2114	rVB2	222064	222307	6.23%	0.671%
47	14.851	2133	2136	2144	rBV4	36182	48106	1.35%	0.145%
48	14.992	2154	2160	2162	rBV6	36487	41971	1.18%	0.127%
49	15.027	2162	2166	2170	rBV2	181838	276425	7.74%	0.834%
50	15.116	2177	2181	2183	rBV2	46422	58658	1.64%	0.177%
51	15.327	2213	2217	2224	rVB	97015	128286	3.59%	0.387%
52	15.392	2224	2228	2234	rVB	90414	111253	3.12%	0.336%
53	15.457	2234	2239	2243	rBV	458175	580196	16.25%	1.751%
54	15.486	2243	2244	2252	rVB3	44231	56273	1.58%	0.170%
55	15.933	2315	2320	2325	rVB	51263	72561	2.03%	0.219%
56	16.727	2451	2455	2465	rVB7	47774	107371	3.01%	0.324%
57	16.898	2479	2484	2494	rVB2	54376	119306	3.34%	0.360%
58	17.033	2502	2507	2510	rBV2	27986	40767	1.14%	0.123%
59	17.339	2552	2559	2570	rBV3	44195	100921	2.83%	0.305%

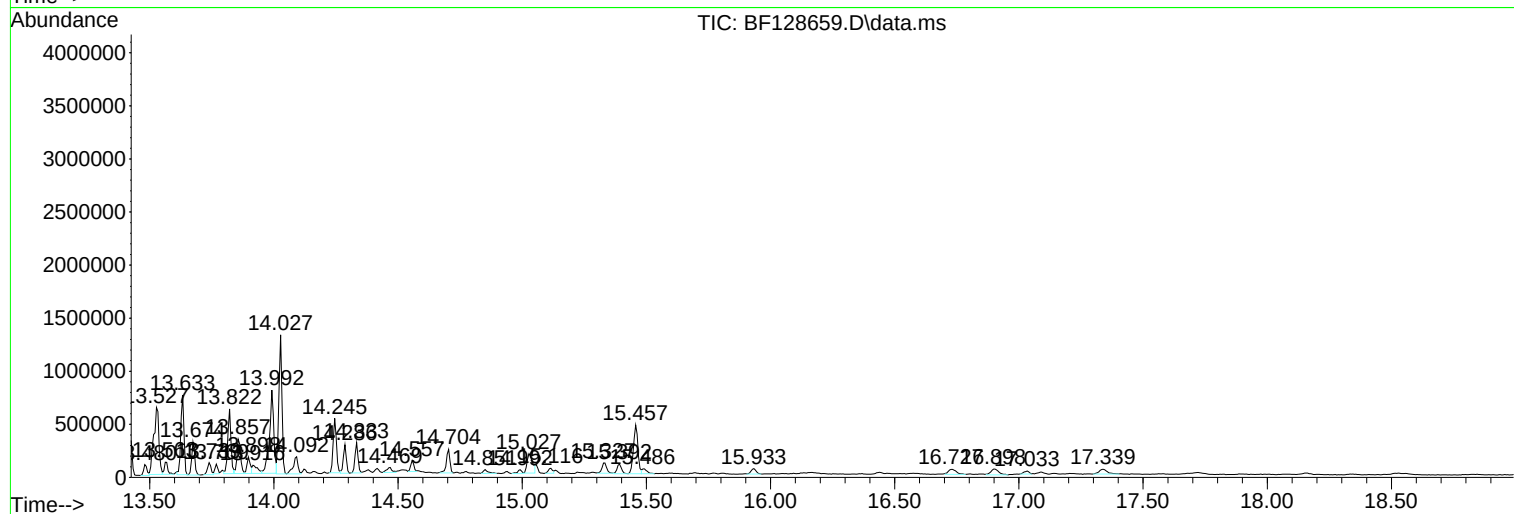
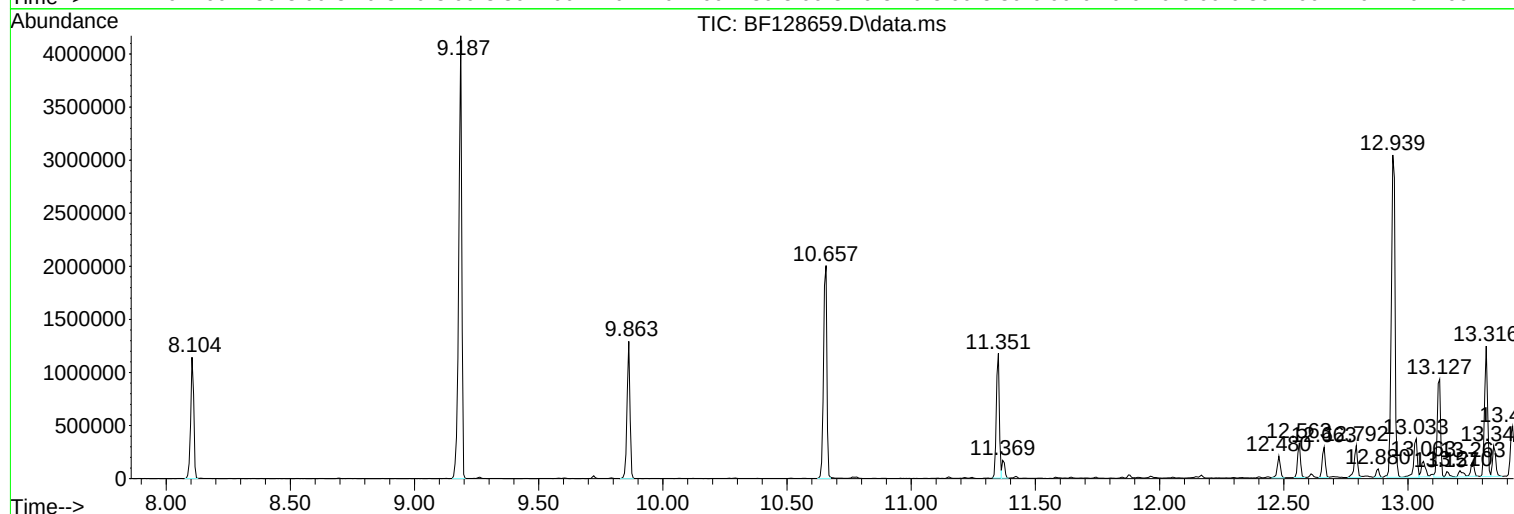
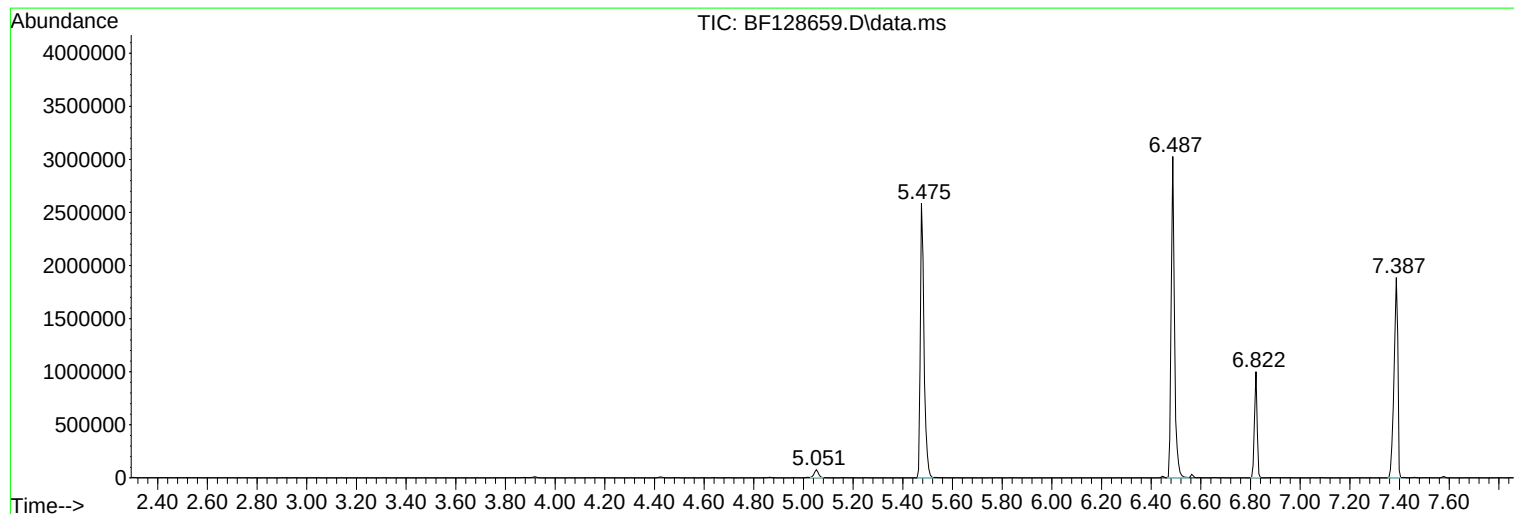
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

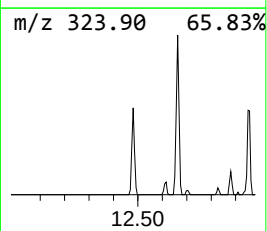
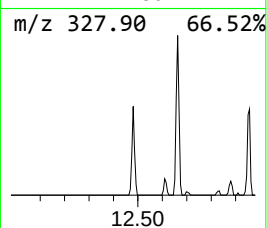
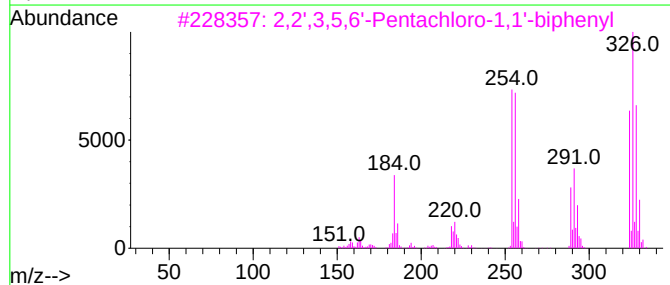
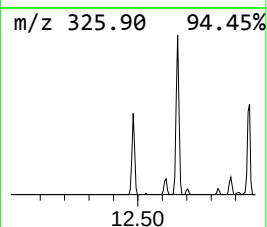
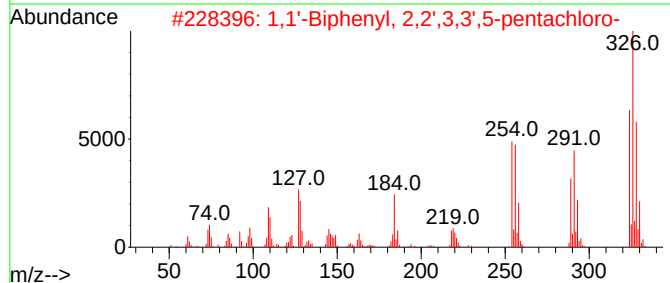
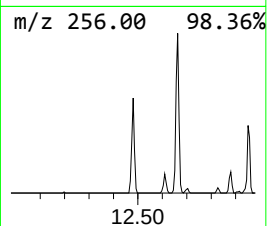
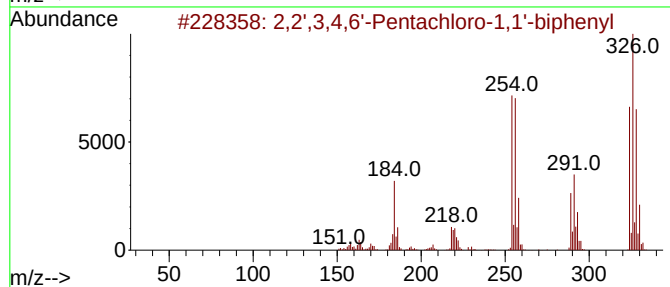
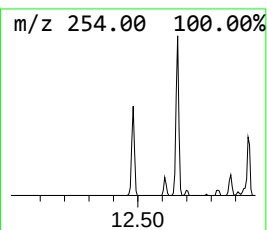
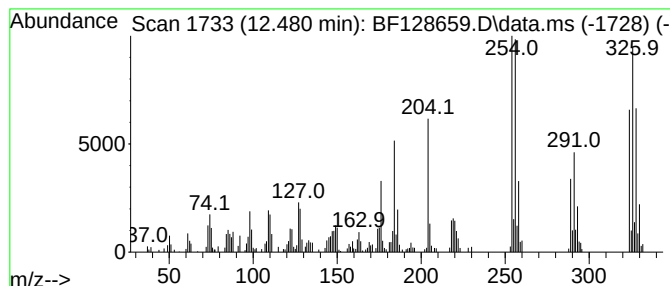
Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.480	3.54 ng	180547	Phenanthrene-d10			11.351
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5		073575-57-2	99
2	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5		060145-20-2	99
3	2,2',3,5,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5		073575-55-0	99
4	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5		052663-60-2	99
5	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5		060233-25-2	99



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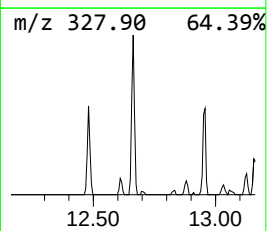
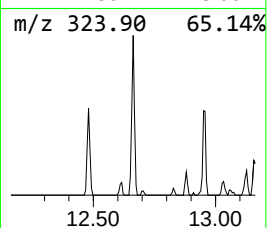
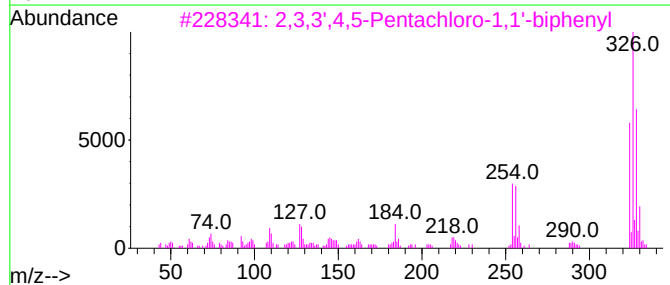
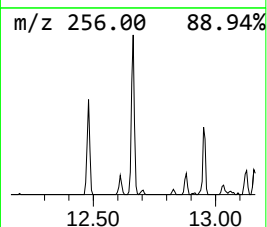
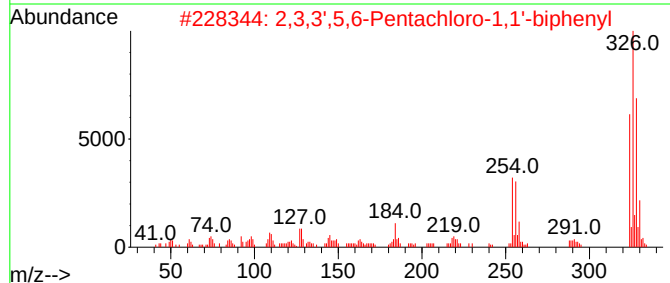
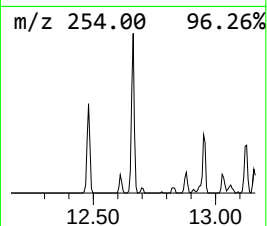
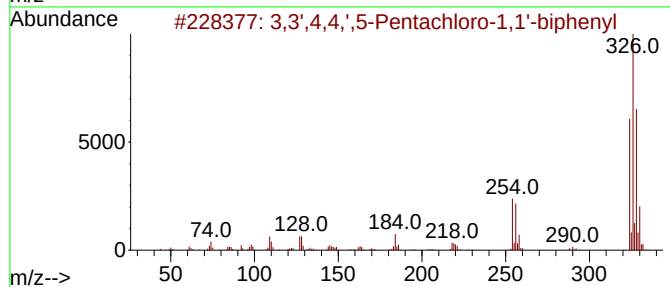
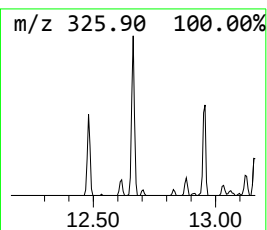
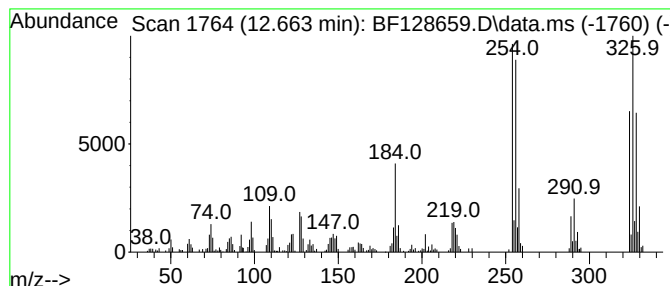
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 3,3',4,4',5-Pentachloro-1,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.663	4.82 ng	246035	Phenanthrene-d10	11.351	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
2	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
3	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99



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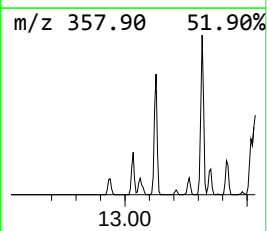
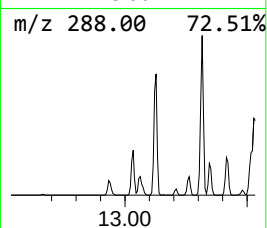
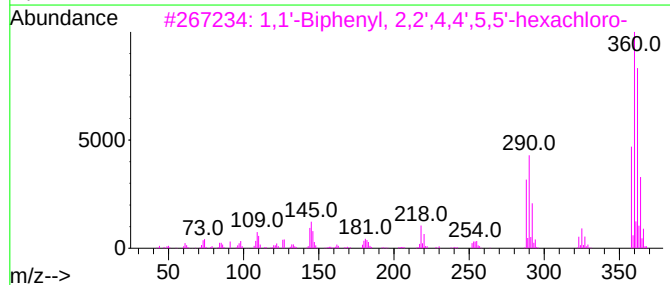
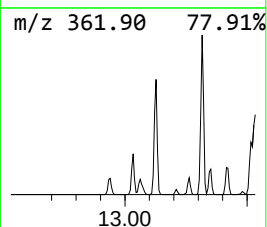
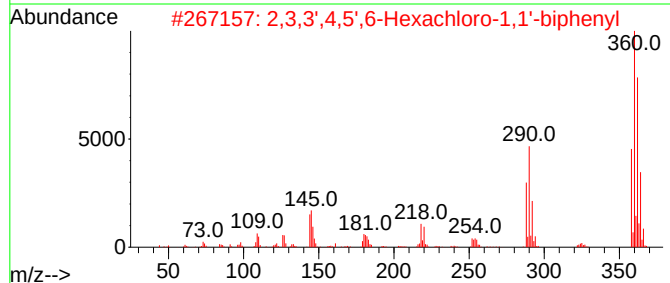
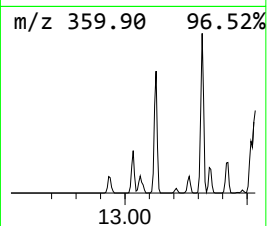
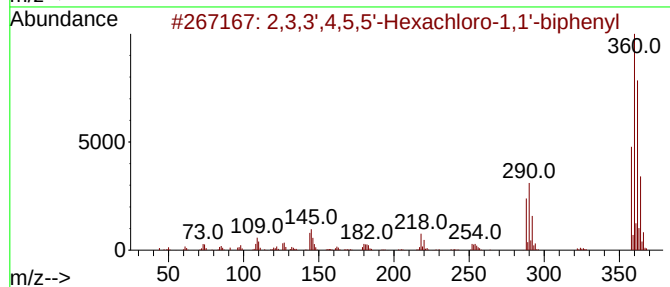
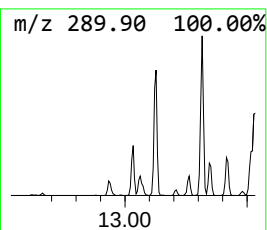
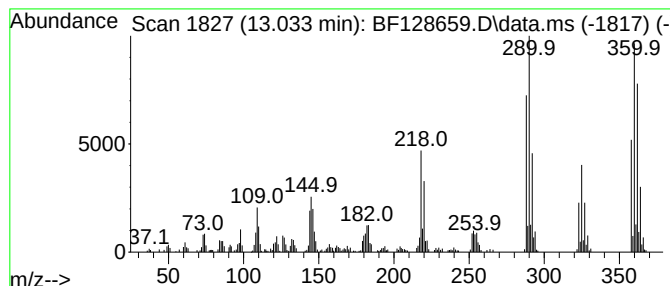
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.033	7.64 ng	363912	Chrysene-d12	13.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		
2	2,3,3',4,5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99		
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99		
4	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99		
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99		



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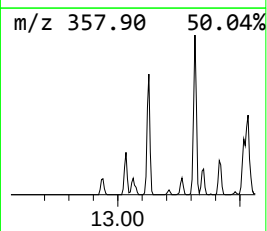
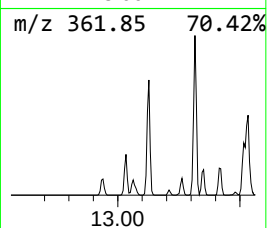
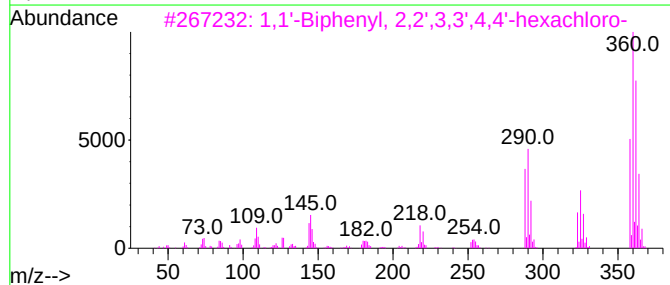
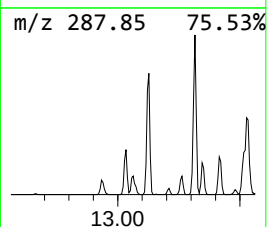
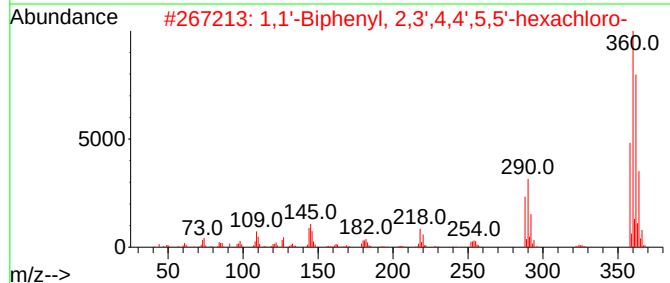
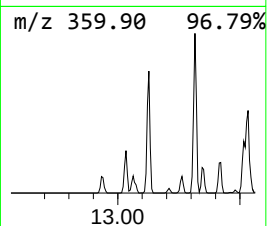
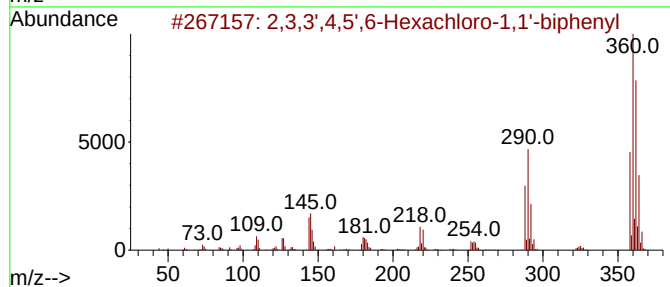
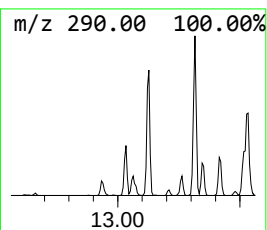
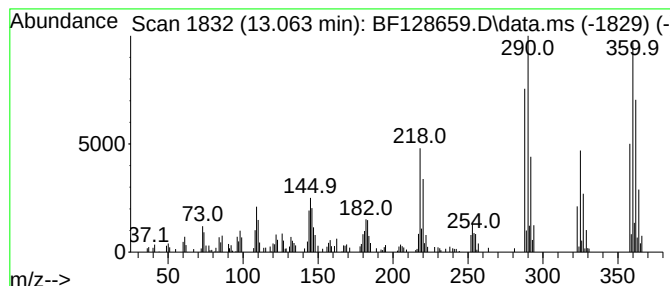
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2,3,3',4,5',6-Hexachloro-1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.063	3.64 ng	173481	Chrysene-d12	13.992	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	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',6-Hex...	358	C12H4Cl6	056030-56-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

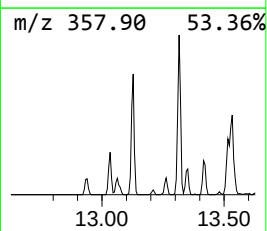
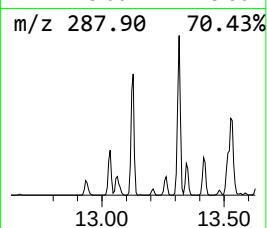
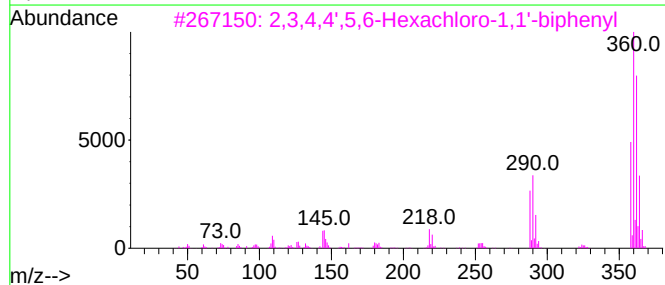
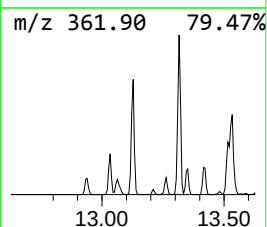
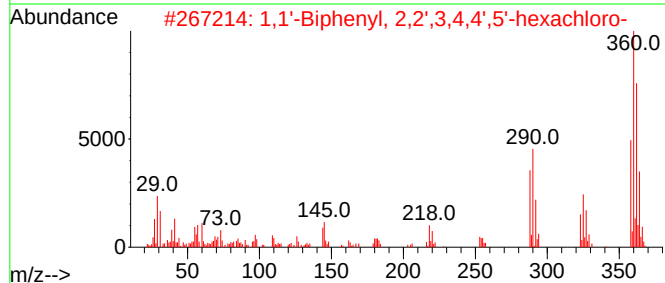
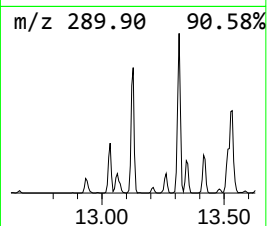
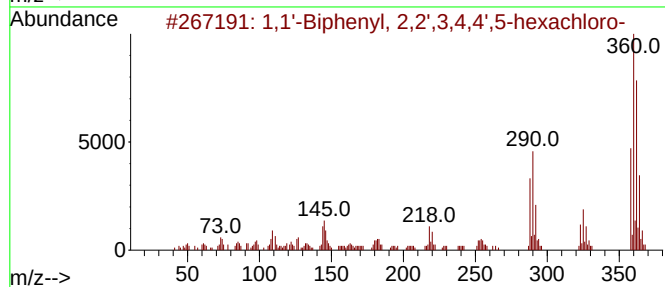
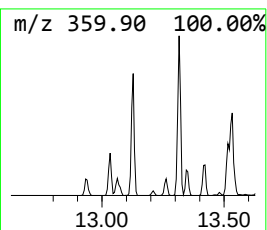
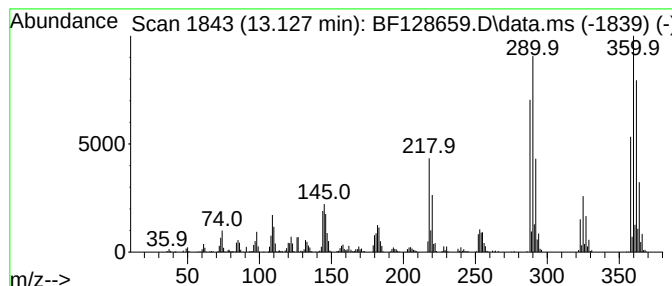
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ClientSampleId :
P021-SS001-1218-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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',3,4,4',... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.128	18.08 ng	861181	Chrysene-d12	13.992	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
4	1,1'-Biphenyl, 2,2',3,5,5',6-hex...	358	C12H4Cl6	052663-63-5	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

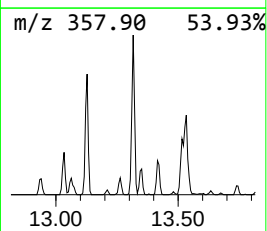
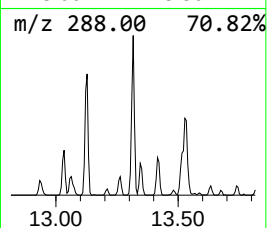
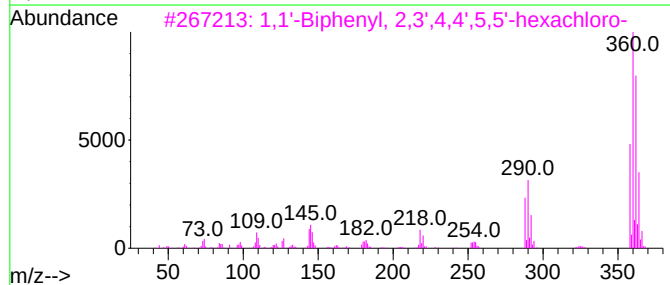
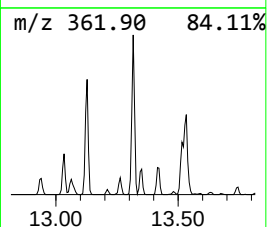
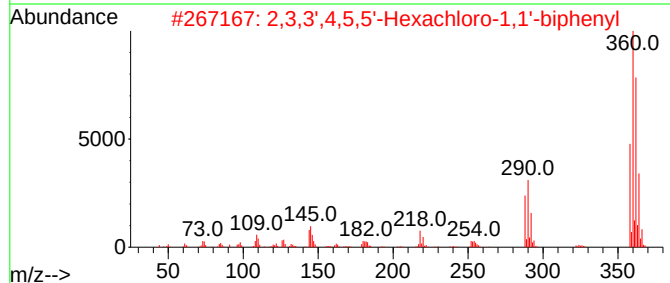
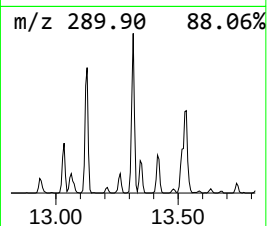
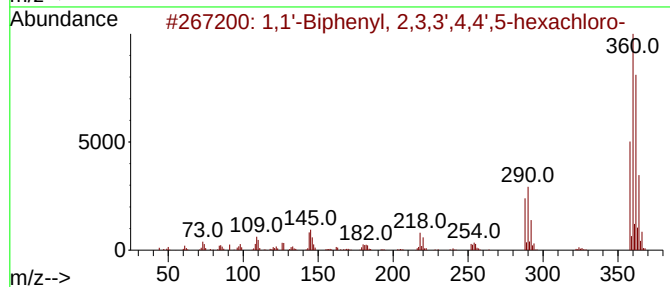
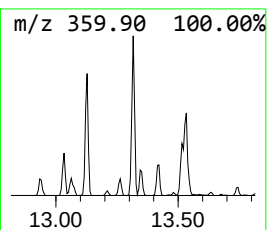
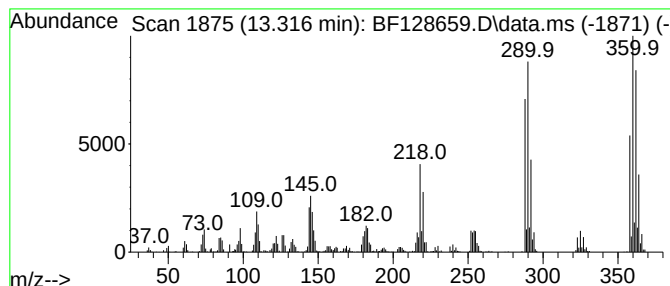
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	21.41 ng	1019610	Chrysene-d12	13.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99		
2	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99		
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
4	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99		
5	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P021-SS001-1218-01

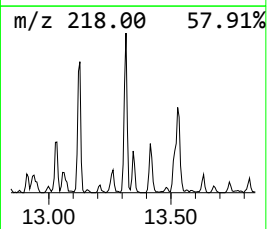
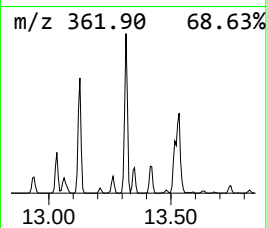
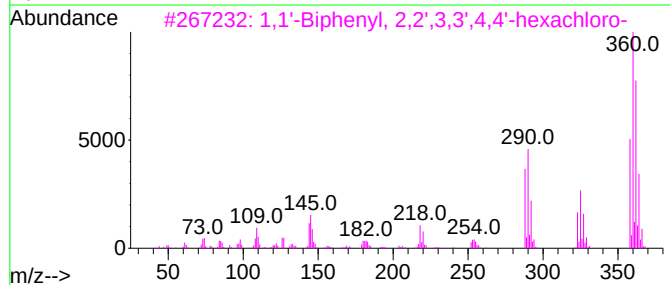
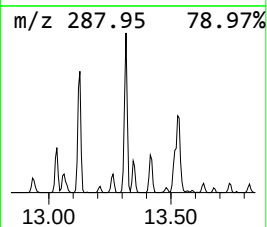
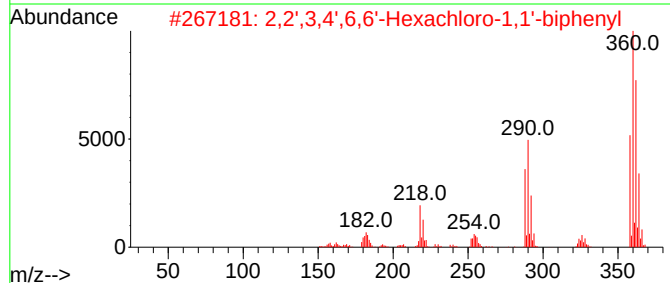
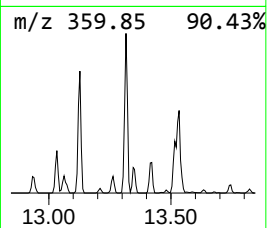
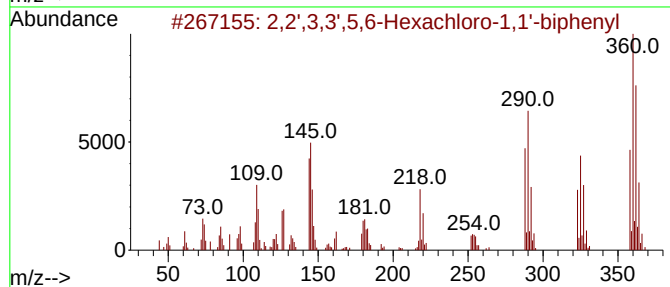
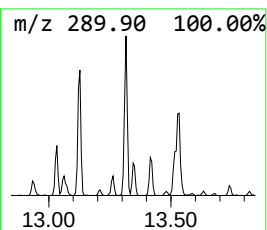
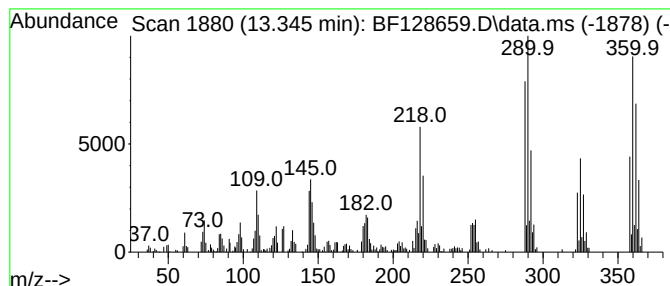
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,2',3,3',5,6-Hexachloro-1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	5.23 ng	249255	Chrysene-d12	13.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,3',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	052704-70-8	99		
2	2,2',3,4',6,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	068194-08-1	99		
3	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99		
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

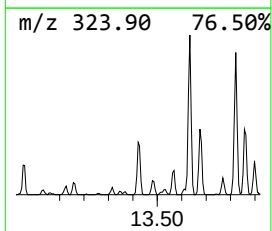
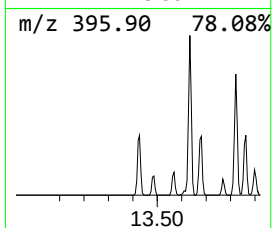
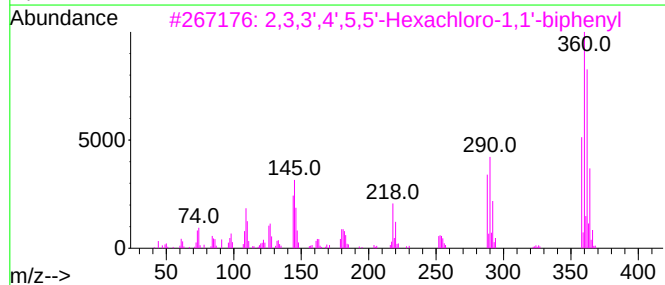
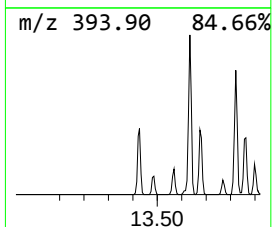
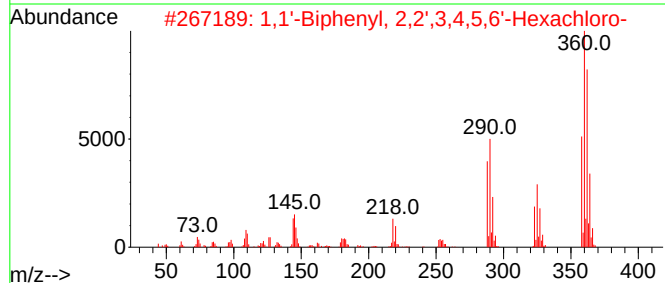
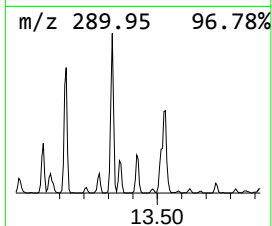
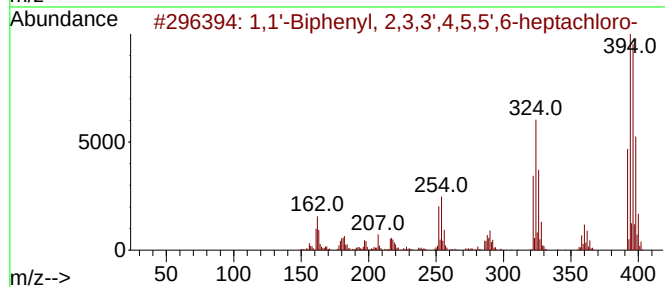
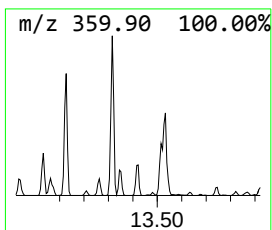
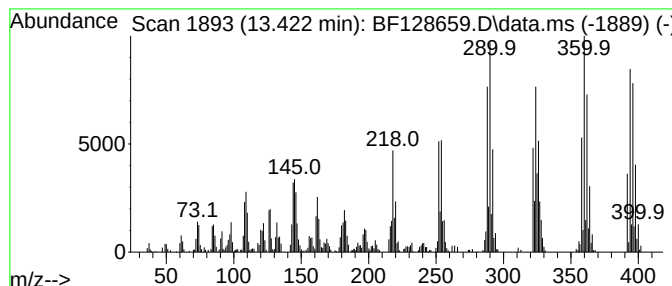
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ClientSampleId :
P021-SS001-1218-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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, 2,3,3',4,5,5... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.422	10.11 ng	481573	Chrysene-d12	13.992	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8	97
2	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	97
3	2,3,3',4',5,5'-Hexachloro-1,1'-b...	358	C12H4Cl6	039635-34-2	97
4	2,2',3,4',5,6'-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-41-6	97
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
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Operator : CG\JU
Sample : N2984-18
Misc :
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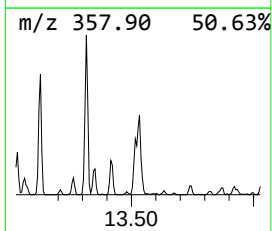
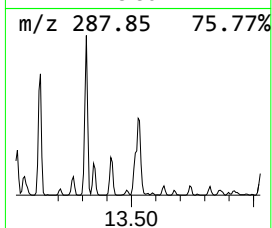
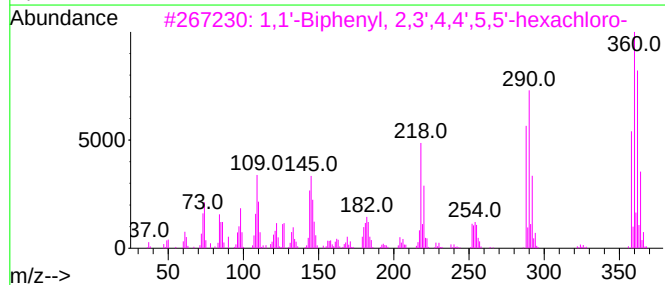
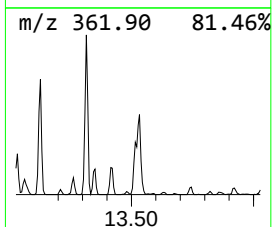
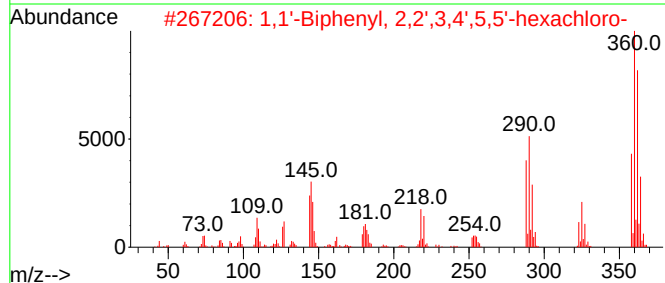
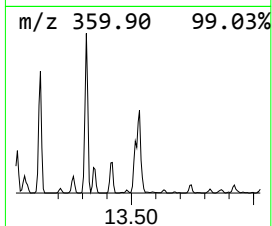
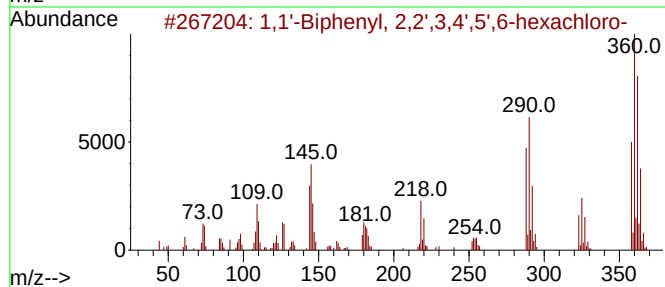
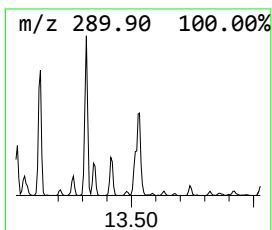
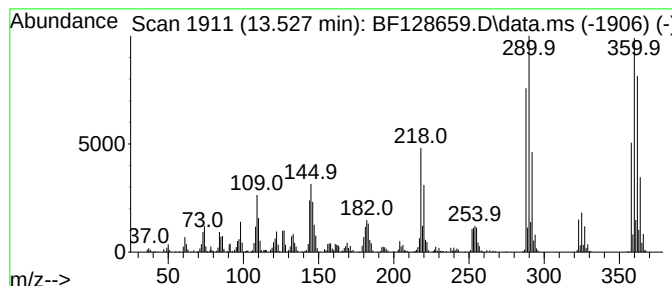
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.527	19.50 ng	928567	Chrysene-d12		13.992	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6		038380-04-0	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6		051908-16-8	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6		052663-72-6	99
4	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6		059291-65-5	99
5	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6		074472-46-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
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Operator : CG\JU
Sample : N2984-18
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ALS Vial : 15 Sample Multiplier: 1

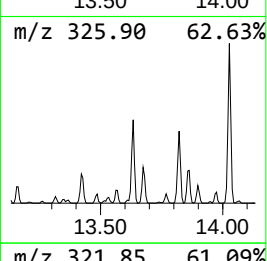
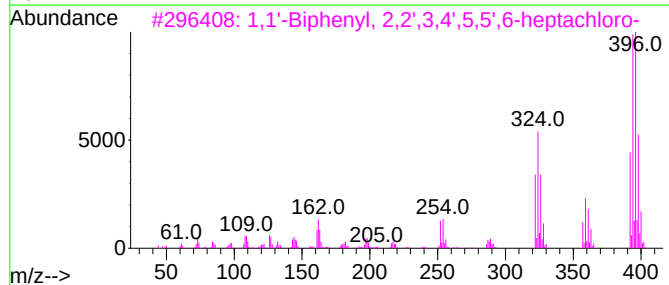
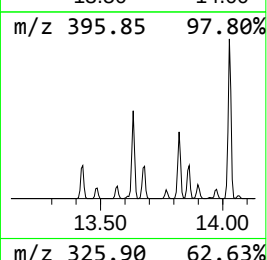
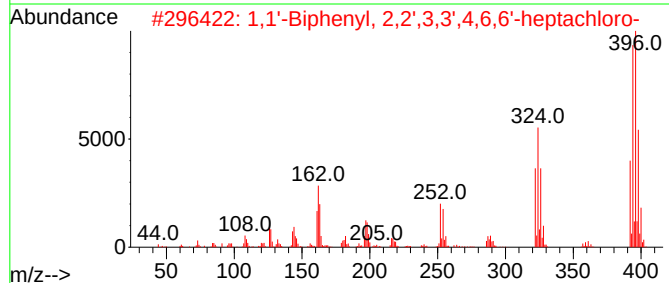
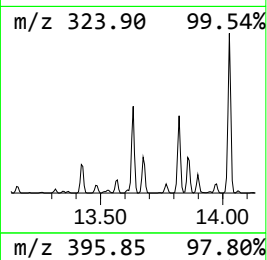
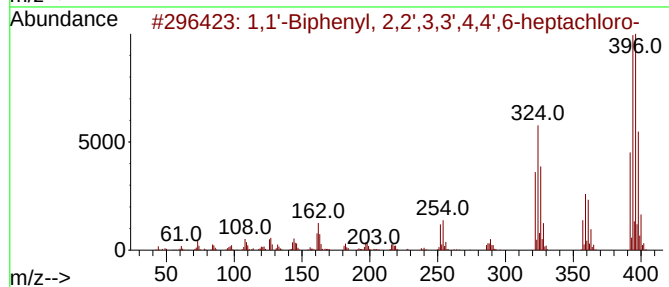
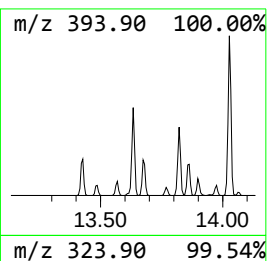
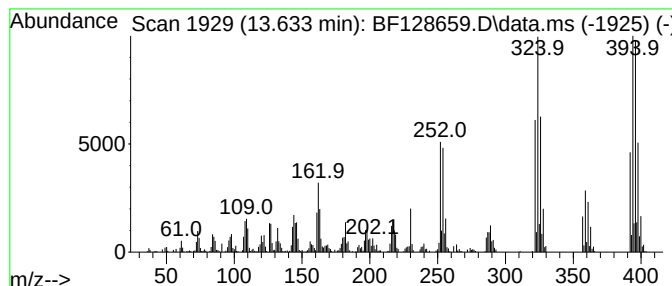
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.633	13.60 ng	647806	Chrysene-d12	13.992		
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',4,6,6'-...	392	C12H3Cl7	052663-65-7	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',5-...	392	C12H3Cl7	035065-30-6	99	
5	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7	074472-48-3	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
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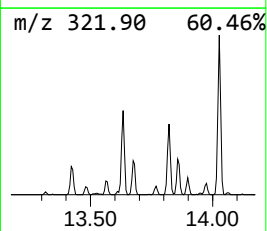
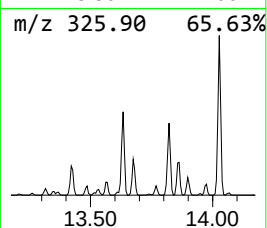
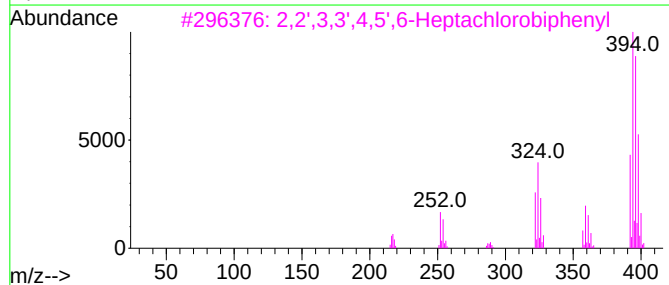
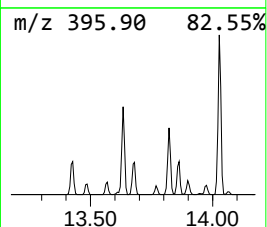
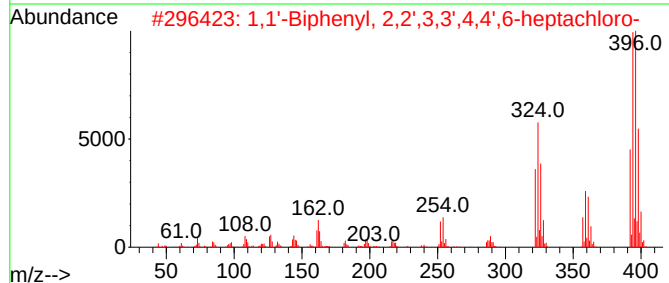
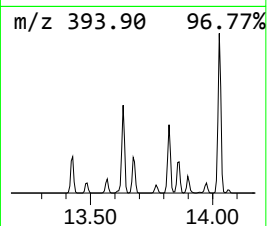
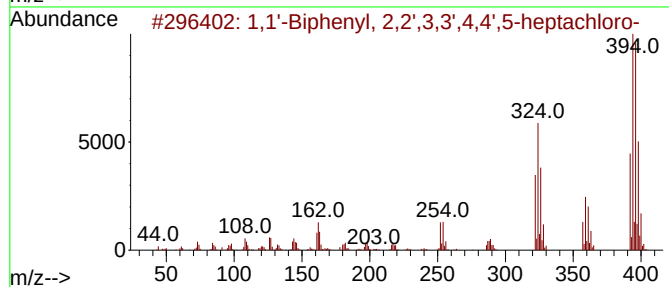
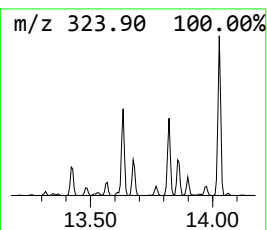
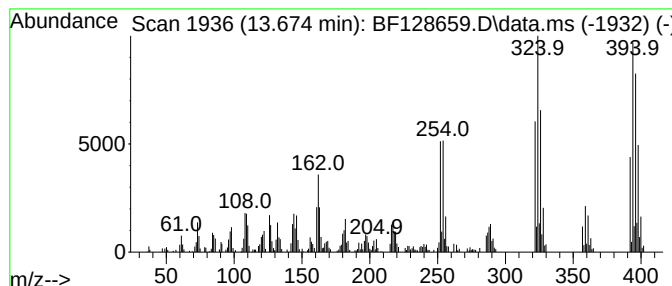
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BNA_F
ClientSampleId :
P021-SS001-1218-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.675	5.62 ng	267461	Chrysene-d12		13.992	
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, 2,2',3,4',5,5',6-...	392	C12H3Cl7		052663-68-0	99
5	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7		074487-85-7	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

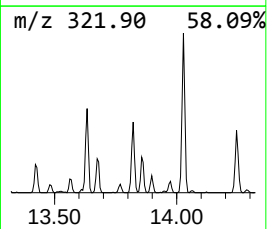
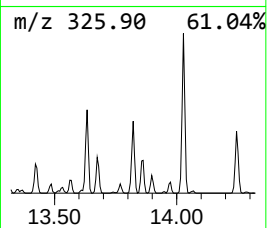
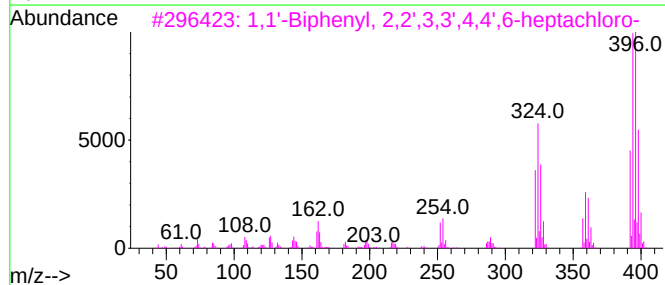
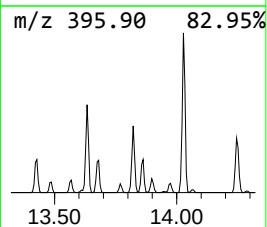
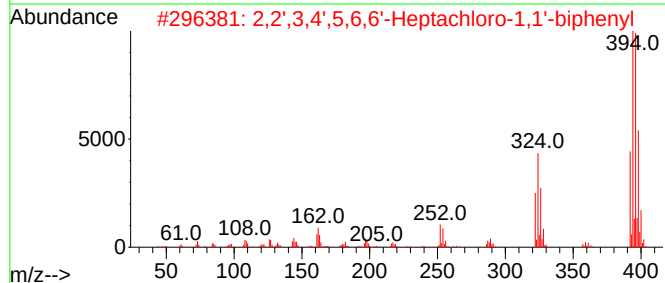
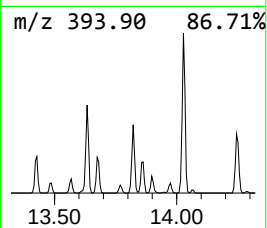
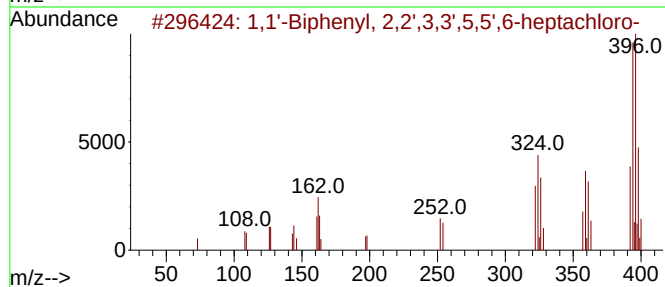
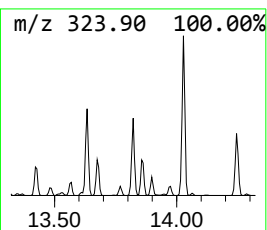
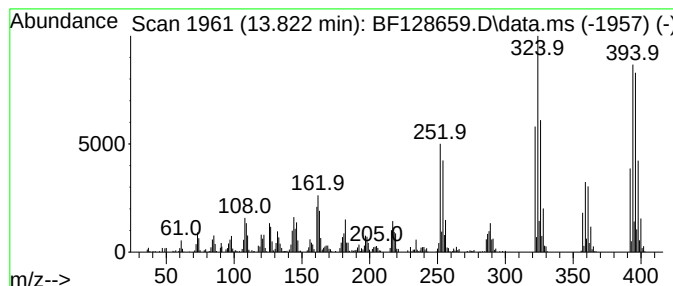
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	11.59 ng	552031	Chrysene-d12	13.992

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',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7	074487-85-7	99		
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99		
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99		
5	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

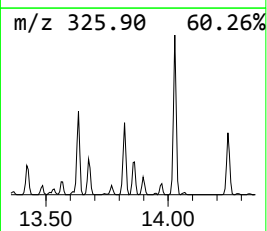
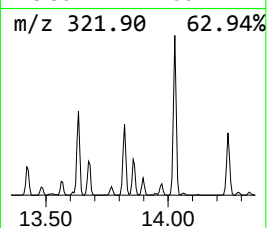
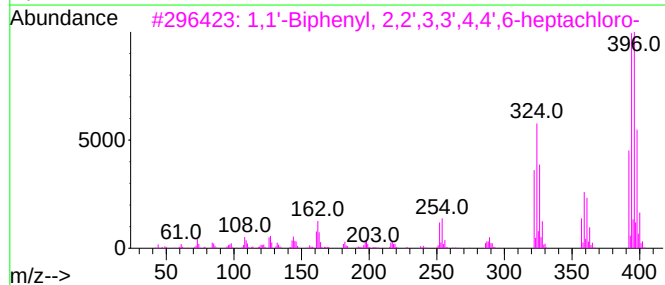
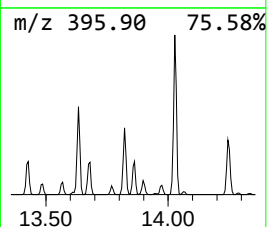
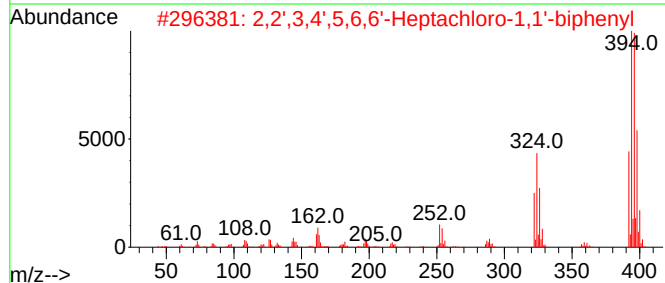
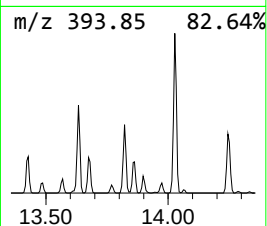
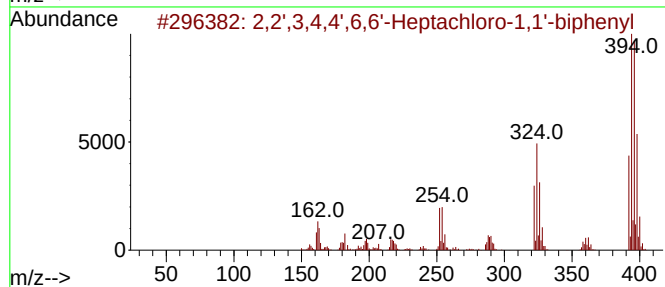
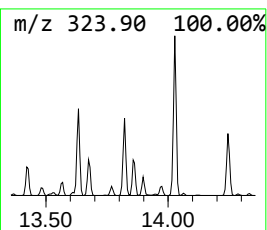
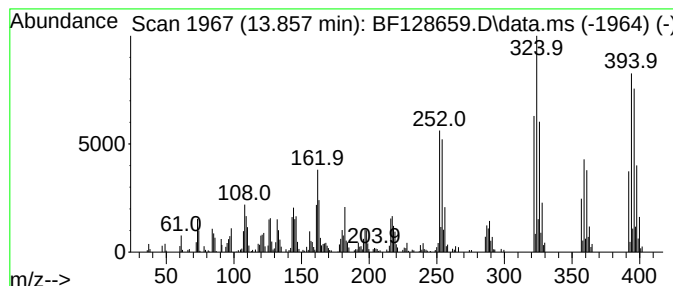
Instrument :
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ClientSampleId :
P021-SS001-1218-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.857	6.85 ng	326172	Chrysene-d12		13.992	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4,4',6,6'-Heptachloro-1,1...	392	C12H3Cl7		074472-48-3	99
2	2,2',3,4',5,6,6'-Heptachloro-1,1...	392	C12H3Cl7		074487-85-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7		052663-71-5	99
4	2,2',3,3',4,5,6-Heptachloro-1,1'...	392	C12H3Cl7		068194-16-1	99
5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7		074472-49-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

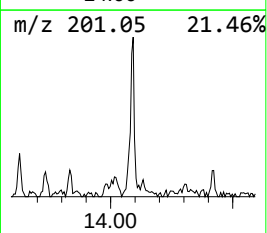
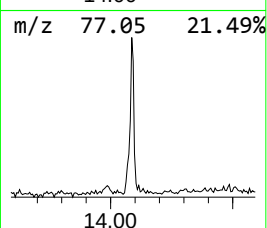
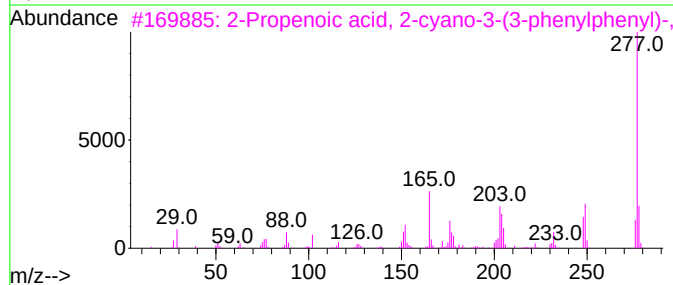
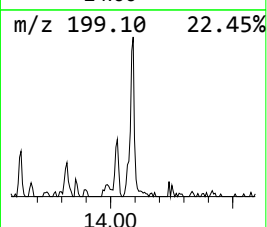
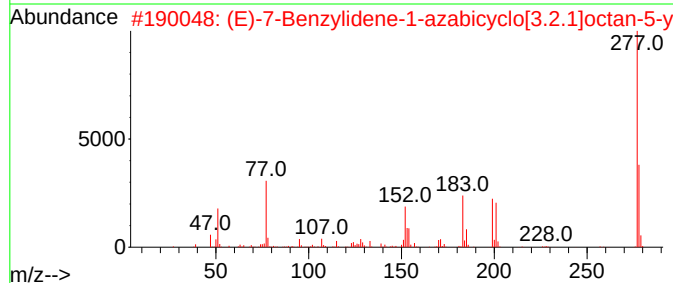
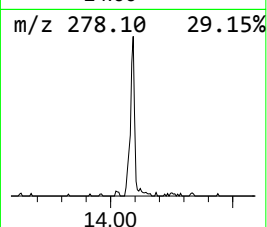
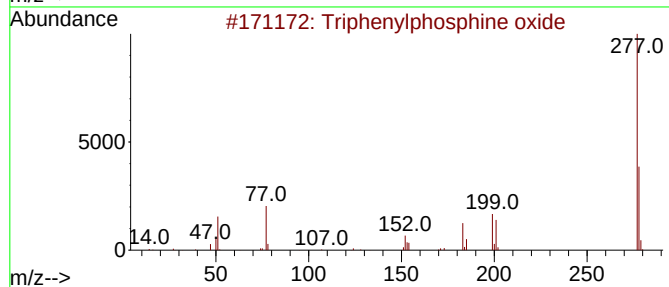
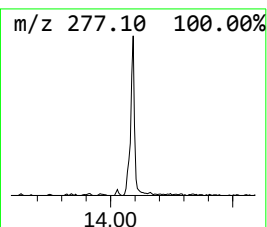
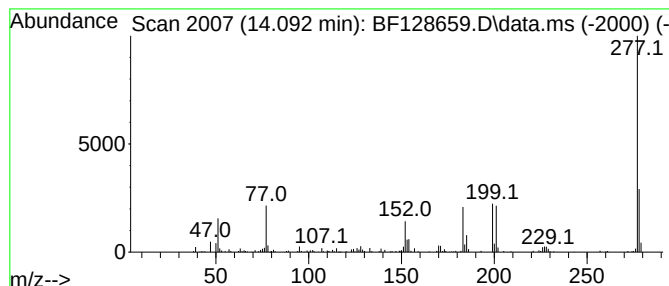
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Triphenylphosphine oxide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	4.46 ng	212190	Chrysene-d12	13.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	90
3			2-Propenoic acid, 2-cyano-3-(3-p...]	277	C18H15NO2	1000080-00-3	43
4			Vanadium, cycloheptatrienyl-(pen...]	277	C17H22V	1000155-20-5	43
5			2-Phenyl-6-(trifluoromethyl)-1H-...]	277	C15H10F3NO	1000387-59-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

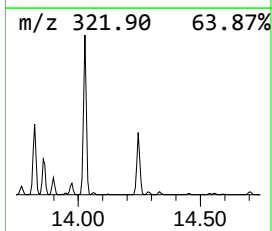
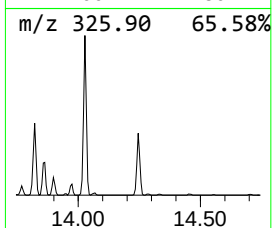
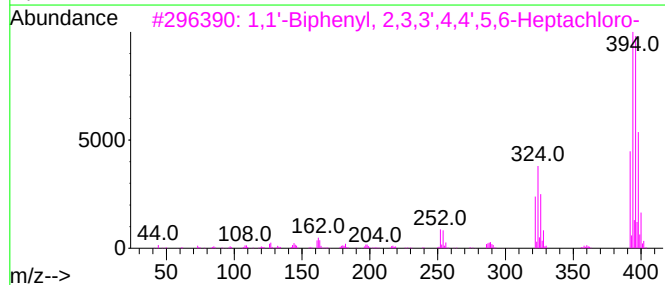
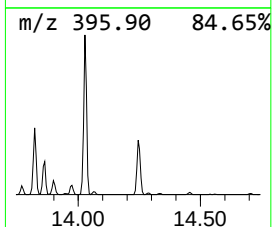
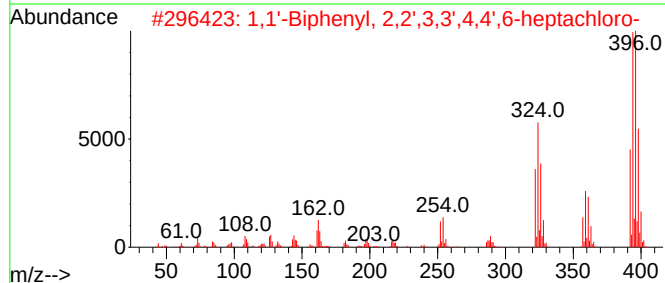
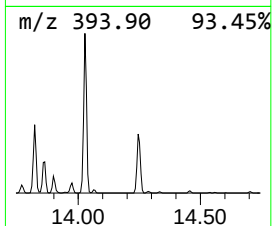
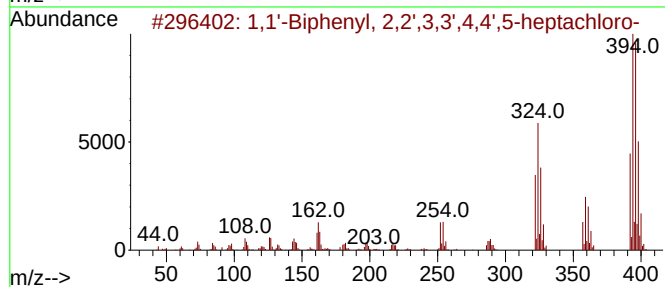
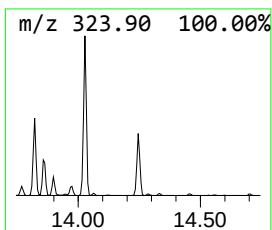
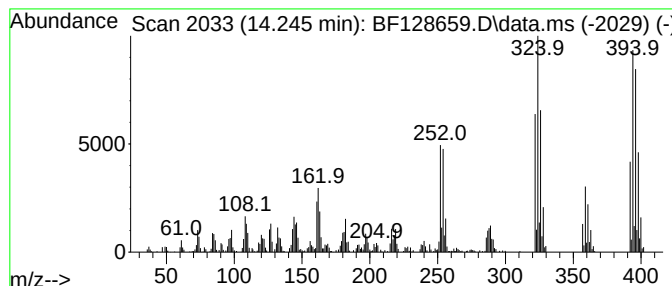
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.245	10.04 ng	478152	Chrysene-d12	13.992		
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	1,1'-Biphenyl, 2,3,3',4,4',5,6-H...	392	C12H3Cl7	041411-64-7	99	
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99	
5	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

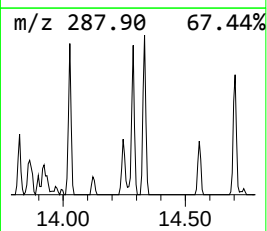
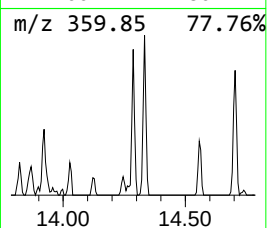
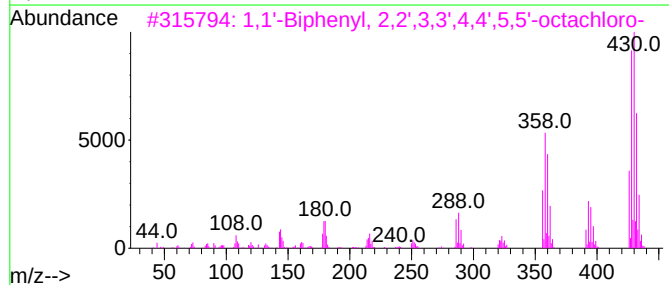
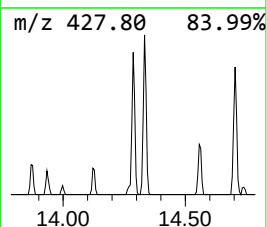
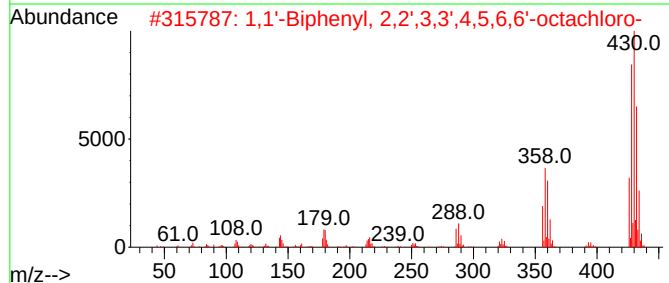
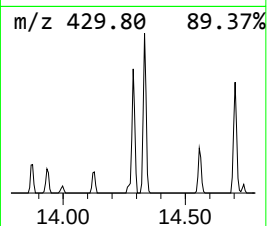
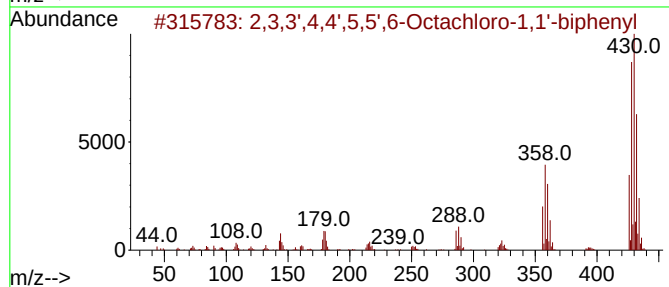
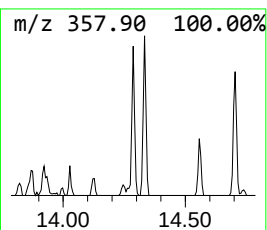
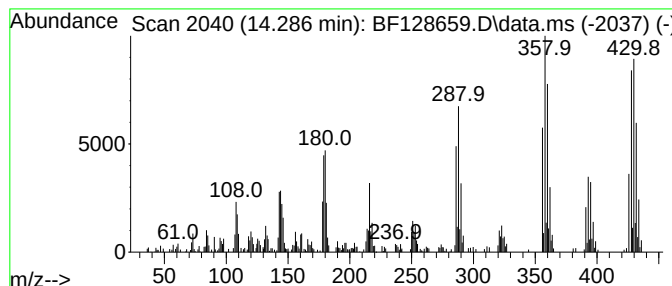
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2,3,3',4,4',5,5',6-Octachlo... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.286	4.68 ng	222800	Chrysene-d12	13.992	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	99
2	1,1'-Biphenyl, 2,2',3,3',4,5,6,6...	426	C12H2Cl8	052663-73-7	99
3	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
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Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

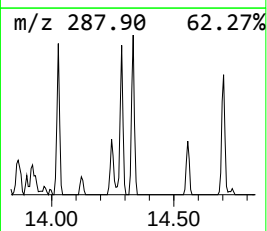
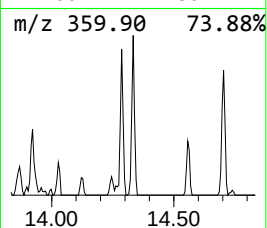
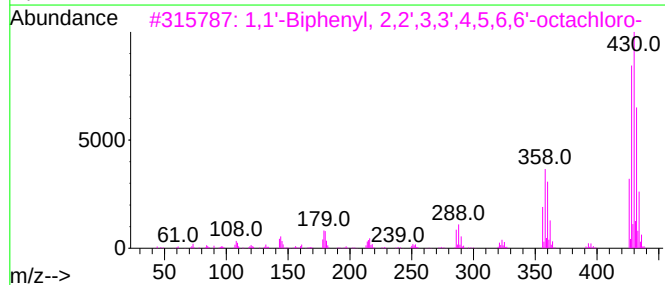
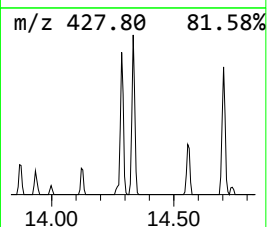
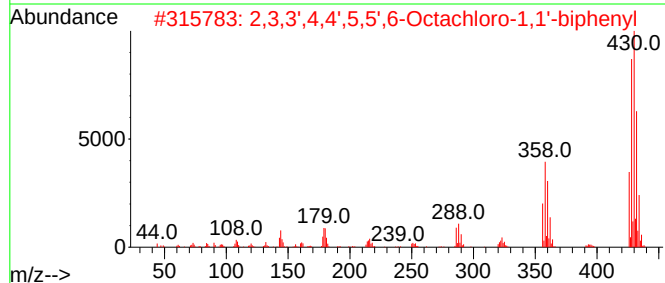
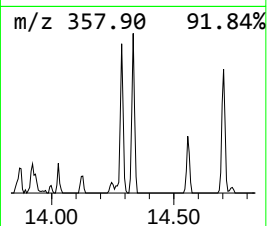
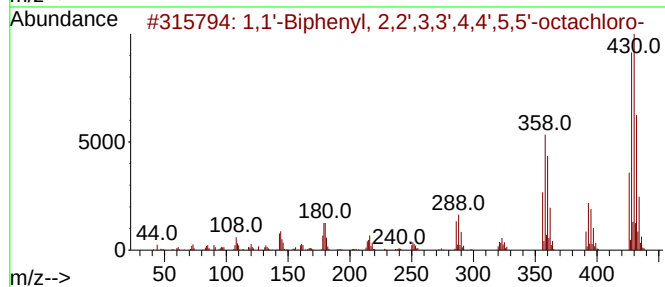
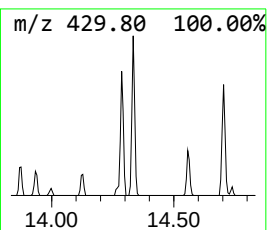
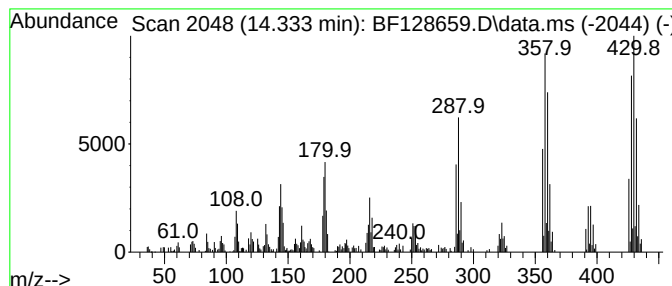
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BNA_F
ClientSampleId :
P021-SS001-1218-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.333	5.09 ng	242415	Chrysene-d12	13.992	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	99
2	2,3,3',4,4',5,5',6-Octachloro-1,...	426	C12H2Cl8	074472-53-0	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',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	99
5	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

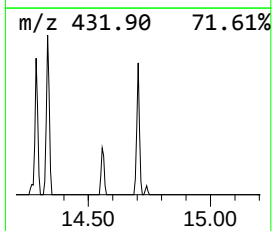
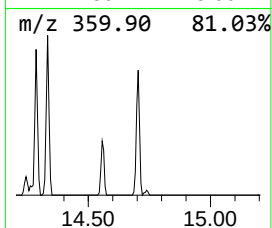
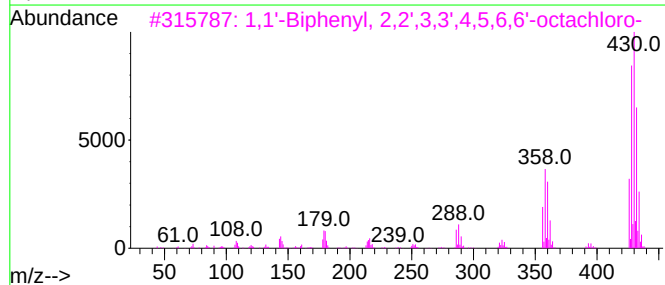
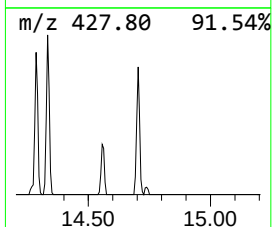
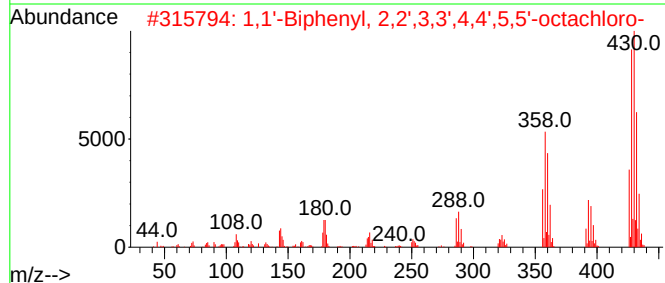
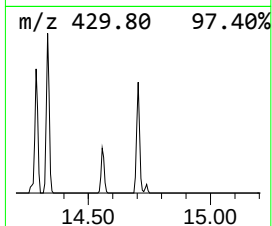
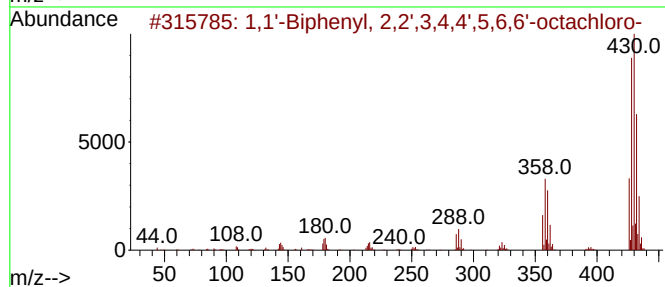
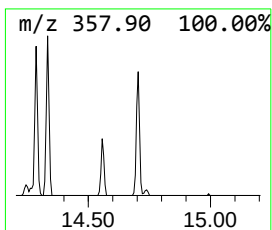
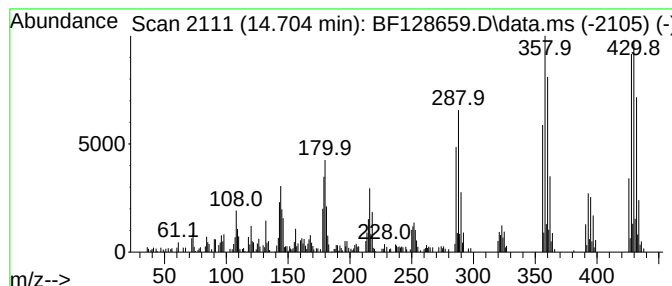
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.704	4.67 ng	222307	Chrysene-d12	13.992

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6,6...	426	C12H2Cl8	074472-52-9	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',4,5,6,6...	426	C12H2Cl8	052663-73-7	99		
4	1,1'-Biphenyl, 2,2',3,3',4,4',5...	426	C12H2Cl8	042740-50-1	99		
5	2,3,3',4,4',5,5',6-Octachloro-1...	426	C12H2Cl8	074472-53-0	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

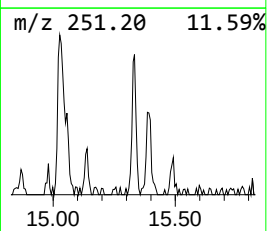
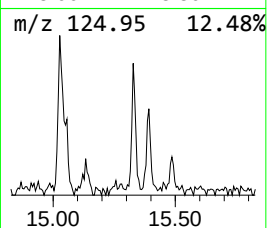
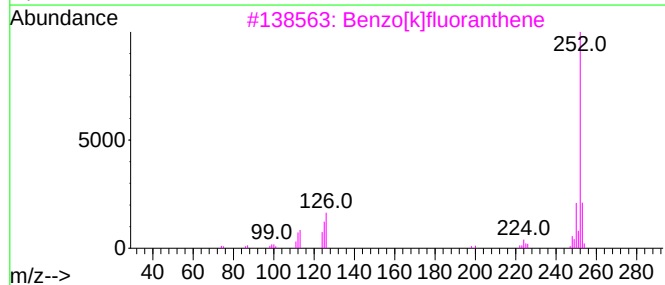
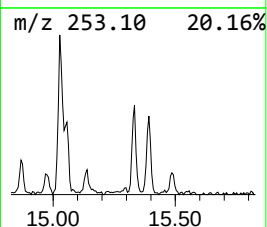
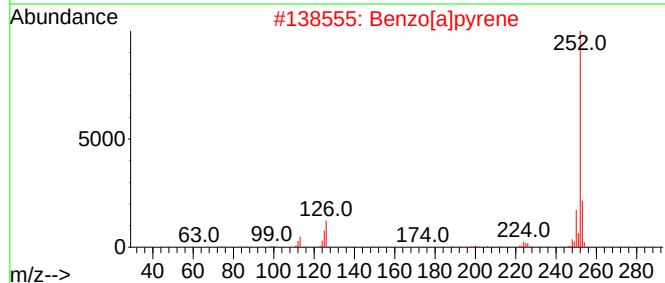
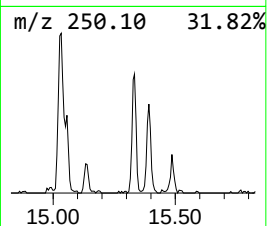
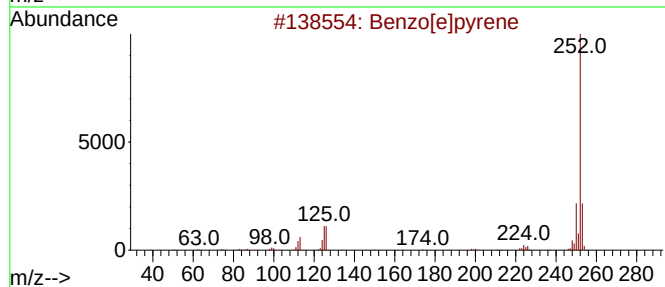
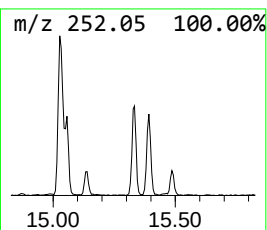
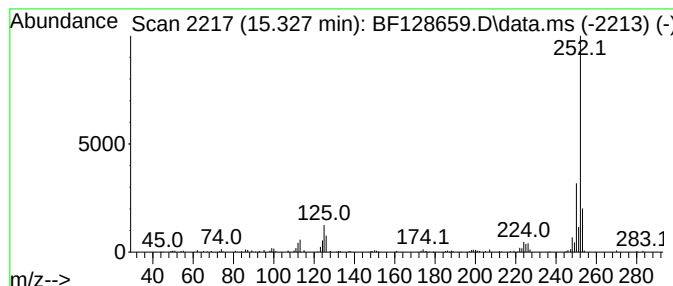
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	4.42 ng	128286	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[a]pyrene	252	C20H12	000050-32-8	91
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128659.D
Acq On : 03 Jun 2022 01:39
Operator : CG\JU
Sample : N2984-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P021-SS001-1218-01

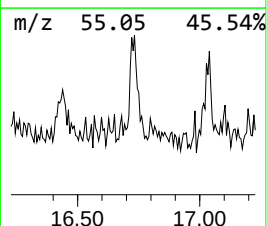
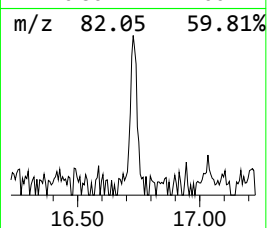
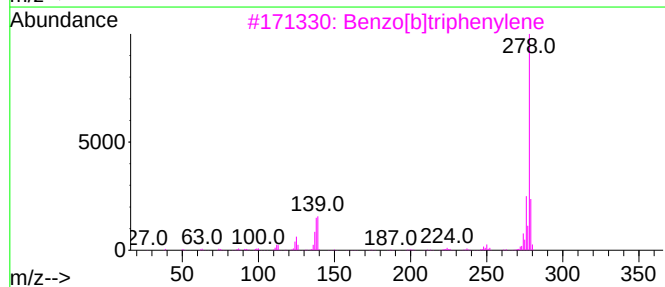
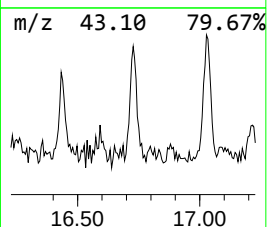
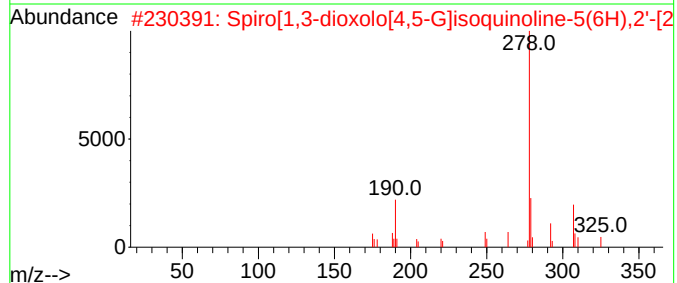
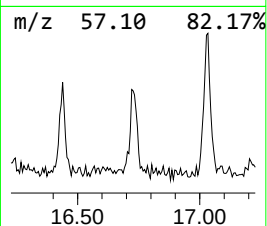
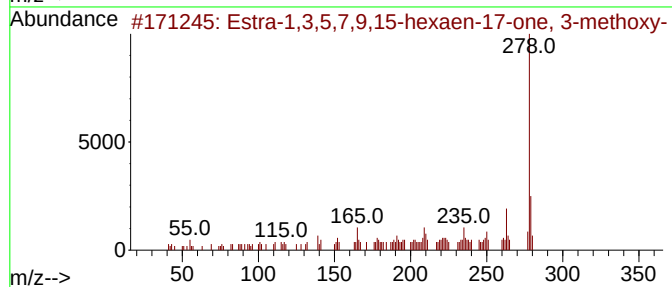
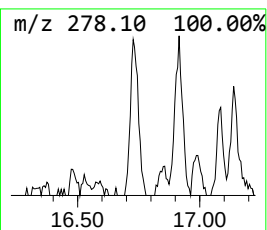
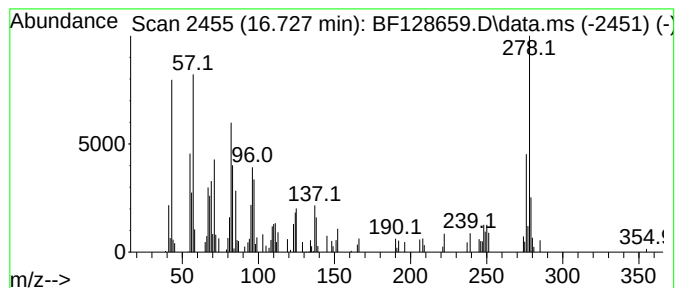
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Estr-1,3,5,7,9,15-hexaen-1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	3.70 ng	107371	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Estr-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	86
2			Spiro[1,3-dioxolo[4,5-G]isoquino...	325	C19H19NO4	1010148-52-6	50
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	43
4			Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	43
5			Pentacene	278	C22H14	000135-48-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128659.D
 Acq On : 03 Jun 2022 01:39
 Operator : CG\JU
 Sample : N2984-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-1218-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
2,2',3,4,6'-Pen...	12.480	3.5	ng	180547	4	11.351	1020180	20.0
3,3',4,4',5-Pe...	12.663	4.8	ng	246035	4	11.351	1020180	20.0
2,3,3',4,5,5'-H...	13.033	7.6	ng	363912	5	13.992	952579	20.0
2,3,3',4,5',6-H...	13.063	3.6	ng	173481	5	13.992	952579	20.0
1,1'-Biphenyl, ...	13.128	18.1	ng	861181	5	13.992	952579	20.0
1,1'-Biphenyl, ...	13.316	21.4	ng	1019610	5	13.992	952579	20.0
2,2',3,3',5,6-H...	13.345	5.2	ng	249255	5	13.992	952579	20.0
1,1'-Biphenyl, ...	13.422	10.1	ng	481573	5	13.992	952579	20.0
1,1'-Biphenyl, ...	13.527	19.5	ng	928567	5	13.992	952579	20.0
1,1'-Biphenyl, ...	13.633	13.6	ng	647806	5	13.992	952579	20.0
1,1'-Biphenyl, ...	13.675	5.6	ng	267461	5	13.992	952579	20.0
1,1'-Biphenyl, ...	13.822	11.6	ng	552031	5	13.992	952579	20.0
2,2',3,4,4',6,6...	13.857	6.8	ng	326172	5	13.992	952579	20.0
Triphenylphosph...	14.092	4.5	ng	212190	5	13.992	952579	20.0
1,1'-Biphenyl, ...	14.245	10.0	ng	478152	5	13.992	952579	20.0
2,3,3',4,4',5,5...	14.286	4.7	ng	222800	5	13.992	952579	20.0
1,1'-Biphenyl, ...	14.333	5.1	ng	242415	5	13.992	952579	20.0
1,1'-Biphenyl, ...	14.704	4.7	ng	222307	5	13.992	952579	20.0
Benzo[e]pyrene	15.327	4.4	ng	128286	6	15.457	580196	20.0
Estra-1,3,5,7,9...	16.727	3.7	ng	107371	6	15.457	580196	20.0