

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005611.D
 Acq On : 11 May 2019 04:54
 Operator : JU/SJ
 Sample : K2613-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH56

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.205	34	37	43	rVB2	20876	31311	0.92%	0.059%
2	3.693	117	120	123	rVB	26021	30257	0.89%	0.057%
3	6.769	636	643	657	rBV	422320	789264	23.20%	1.491%
4	6.928	664	670	681	rVB	330988	528241	15.53%	0.998%
5	7.122	697	703	713	rVV	452661	752875	22.13%	1.423%
6	7.216	717	719	723	rVB4	6852	7128	0.21%	0.013%
7	7.581	774	781	790	rBV	720439	1172746	34.47%	2.216%
8	7.652	790	793	799	rVB5	9139	13623	0.40%	0.026%
9	7.899	833	835	842	rVB5	5715	7437	0.22%	0.014%
10	7.975	845	848	849	rBV2	6028	6107	0.18%	0.012%
11	8.287	894	901	912	rBV	505910	898475	26.41%	1.698%
12	8.722	969	975	983	rBV	425351	728254	21.40%	1.376%
13	8.899	1001	1005	1007	rVB4	6677	9238	0.27%	0.017%
14	9.157	1044	1049	1053	rBV2	27174	38144	1.12%	0.072%
15	9.269	1064	1068	1073	rVB3	7357	13033	0.38%	0.025%
16	9.440	1089	1097	1109	rBV	357814	631850	18.57%	1.194%
17	9.975	1180	1188	1204	rBV	438119	995430	29.26%	1.881%
18	10.340	1241	1250	1263	rBV	1014590	1702241	50.03%	3.216%
19	10.504	1272	1278	1293	rVB2	37392	103291	3.04%	0.195%
20	11.199	1389	1396	1400	rBV5	5279	11103	0.33%	0.021%
21	11.775	1489	1494	1498	rVB4	4537	6287	0.18%	0.012%
22	11.946	1518	1523	1532	rBV4	6850	14592	0.43%	0.028%
23	12.698	1646	1651	1653	rBV4	3029	4878	0.14%	0.009%
24	12.816	1667	1671	1674	rVB4	4067	5041	0.15%	0.010%
25	13.045	1707	1710	1715	rBV5	7273	12471	0.37%	0.024%
26	13.193	1728	1735	1738	rBV7	5376	10864	0.32%	0.021%
27	13.263	1741	1747	1750	rBV7	8077	13445	0.40%	0.025%
28	13.310	1750	1755	1758	rBV5	6056	11365	0.33%	0.021%
29	13.334	1758	1759	1764	rVB5	4090	5265	0.15%	0.010%
30	13.387	1764	1768	1769	rBV4	5491	5690	0.17%	0.011%
31	13.434	1772	1776	1778	rBV4	8708	11487	0.34%	0.022%
32	13.528	1790	1792	1797	rVB6	5419	4743	0.14%	0.009%
33	13.581	1797	1801	1803	rBV4	5449	8564	0.25%	0.016%
34	13.634	1803	1810	1814	rVV	969728	1429449	42.01%	2.701%

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35	13.681	1814	1818	1828	rVB	318167	479052	14.08%	0.905%
36	13.775	1829	1834	1837	rBV6	11023	17087	0.50%	0.032%
37	13.904	1844	1856	1867	rBV	1175869	1819784	53.48%	3.438%
38	14.134	1892	1895	1898	rVB4	8062	9961	0.29%	0.019%
39	14.216	1902	1909	1917	rBV2	1469082	2282898	67.09%	4.314%
40	14.445	1942	1948	1962	rBV3	212876	543295	15.97%	1.027%
41	14.598	1971	1974	1978	rVB6	23226	34093	1.00%	0.064%
42	14.787	2004	2006	2010	rVB4	13678	17512	0.51%	0.033%
43	14.822	2010	2012	2013	rBV2	8665	7986	0.23%	0.015%
44	15.098	2055	2059	2063	rBV7	28110	48125	1.41%	0.091%
45	15.216	2073	2079	2086	rBV	1500310	2135275	62.76%	4.035%
46	15.363	2099	2104	2112	rBV	221686	372581	10.95%	0.704%
47	16.975	2372	2378	2383	rBV2	1696686	2525657	74.23%	4.772%
48	17.069	2389	2394	2401	rBV	1398234	2041618	60.00%	3.858%
49	17.892	2531	2534	2540	rBV2	292228	413340	12.15%	0.781%
50	18.910	2704	2707	2712	rVB	369113	422742	12.42%	0.799%
51	19.198	2752	2756	2762	rBV2	522308	832116	24.46%	1.572%
52	19.386	2784	2788	2798	rVB	1543004	2072560	60.91%	3.916%
53	19.627	2827	2829	2831	rBV	314984	300697	8.84%	0.568%
54	19.775	2851	2854	2858	rVB	863708	967581	28.44%	1.828%
55	19.916	2874	2878	2884	rBV	2211070	2754248	80.95%	5.204%
56	20.204	2923	2927	2932	rVB	2272475	2746461	80.72%	5.189%
57	20.251	2932	2935	2940	rBV	637961	713441	20.97%	1.348%
58	20.363	2950	2954	2961	rVB2	1026978	1522836	44.76%	2.877%
59	20.522	2974	2981	2986	rBV	1513242	2801746	82.34%	5.294%
60	20.669	3003	3006	3011	rVB	1568956	1835812	53.95%	3.469%
61	20.733	3014	3017	3021	rBV	708976	770292	22.64%	1.455%
62	20.939	3049	3052	3057	rBV	1539173	1780752	52.34%	3.365%
63	20.998	3059	3062	3068	rVB2	750870	912280	26.81%	1.724%
64	21.204	3094	3097	3099	rBV	1458097	1685509	49.54%	3.185%
65	21.233	3099	3102	3107	rVB	2865633	3402515	100.00%	6.429%
66	21.545	3152	3155	3161	rVB	1106011	1452356	42.68%	2.744%
67	21.604	3163	3165	3171	rVB2	667858	745382	21.91%	1.408%
68	21.674	3174	3177	3181	rVB	612810	711070	20.90%	1.344%
69	23.410	3469	3472	3478	rVB	1040603	1731625	50.89%	3.272%

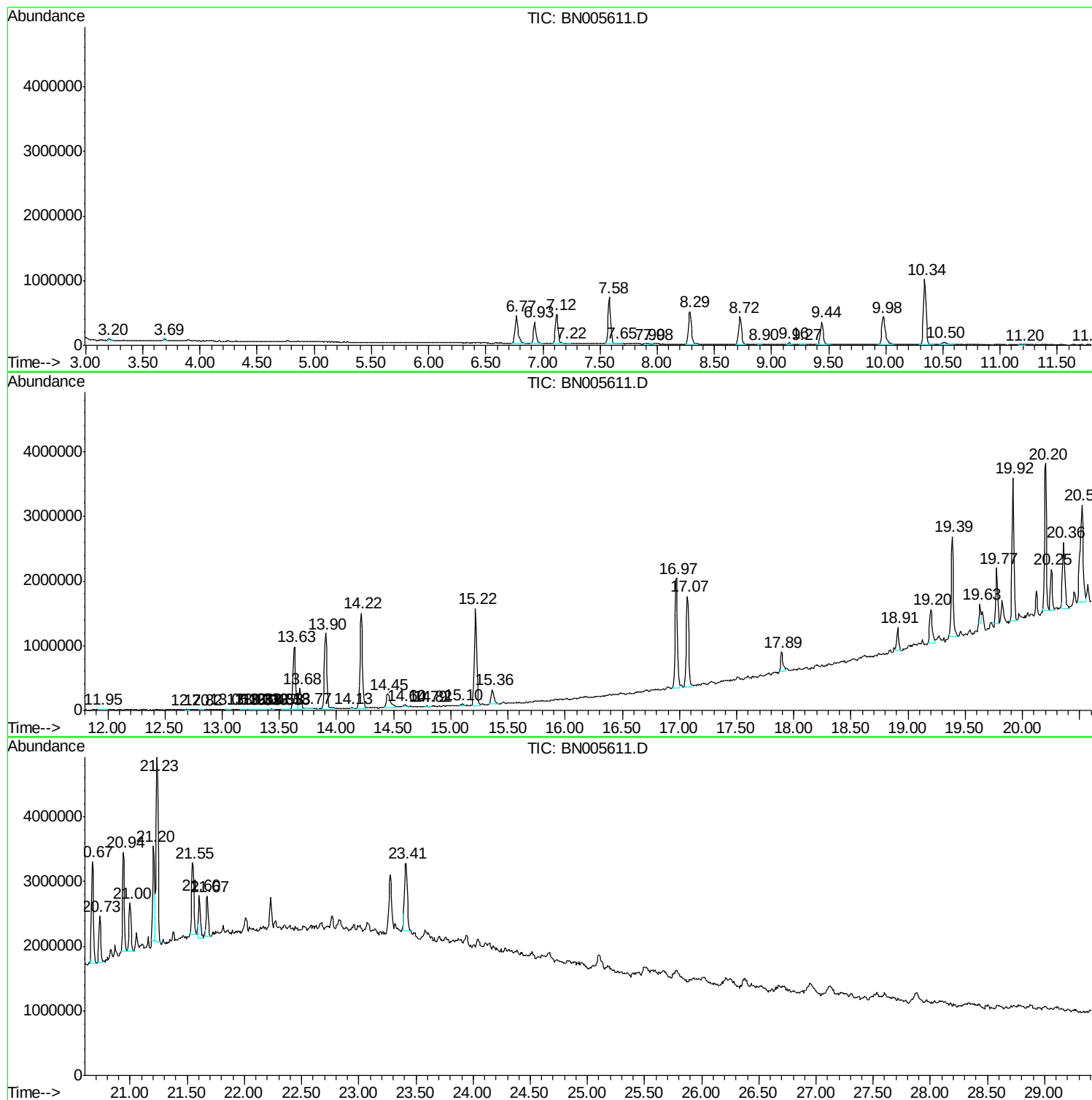
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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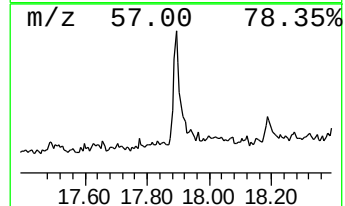
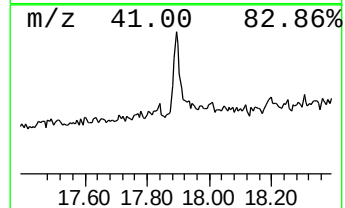
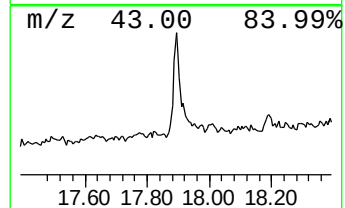
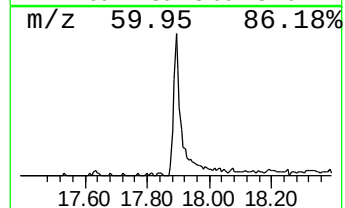
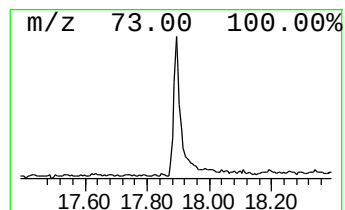
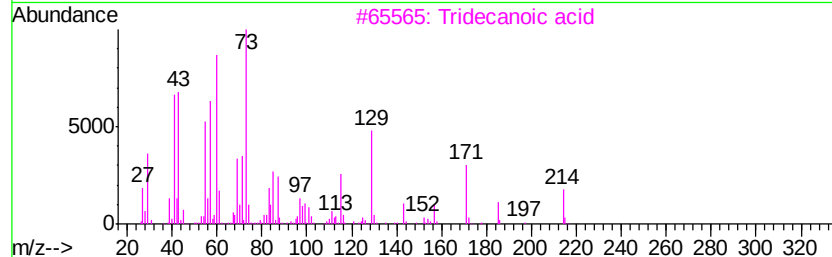
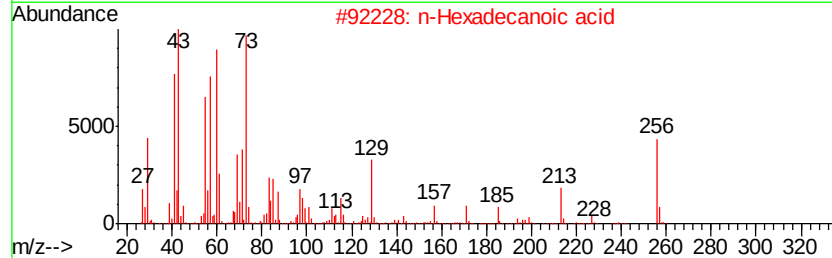
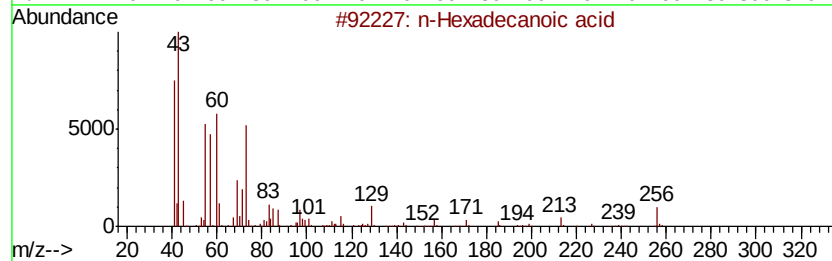
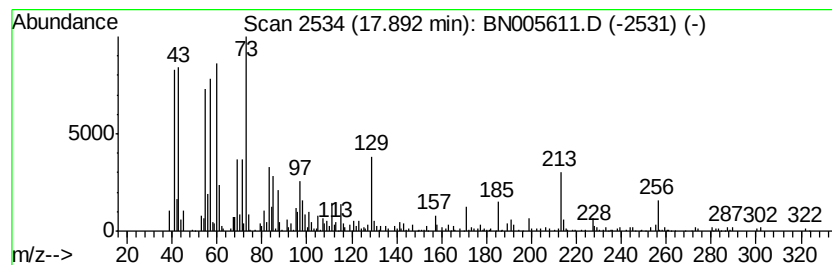
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	3.27 ng/ul	413340	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	Tridecanoic acid		214	C13H26O2	000638-53-9	91
4	Tridecanoic acid		214	C13H26O2	000638-53-9	87
5	Pentadecanoic acid, 15-bromo-		320	C15H29BrO2	056523-59-2	72



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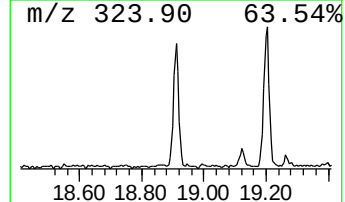
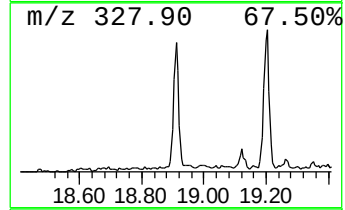
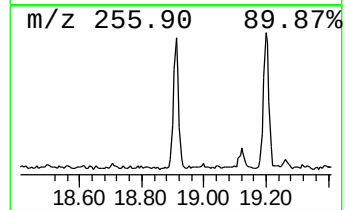
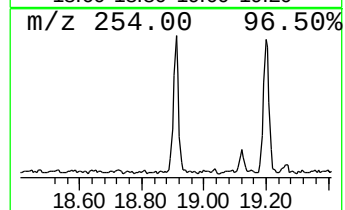
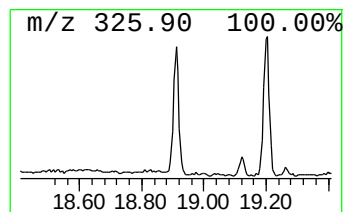
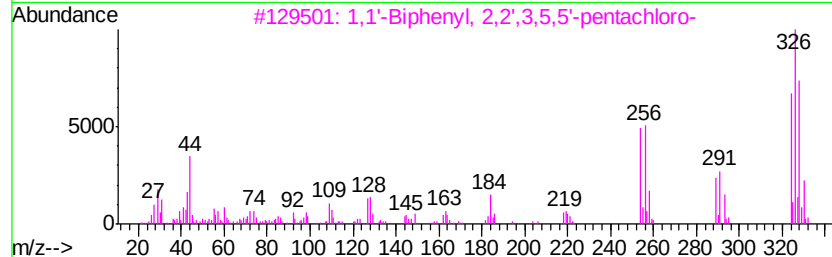
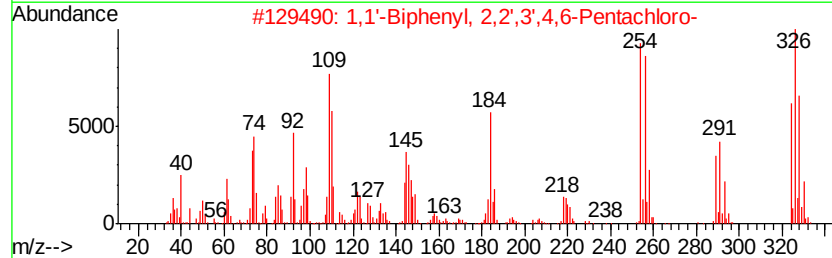
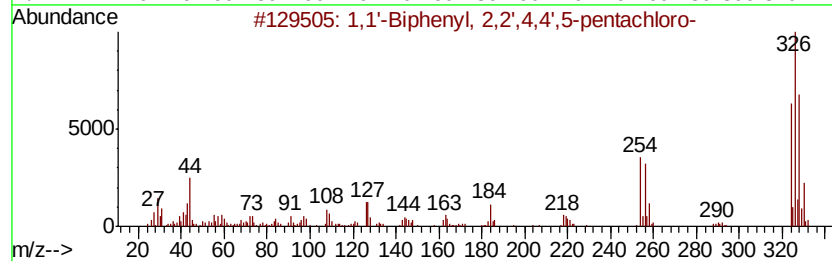
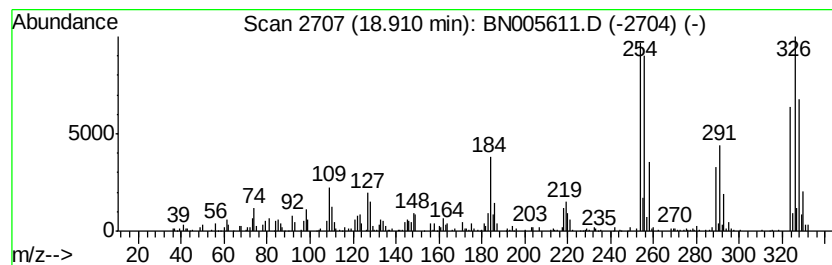
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.91	3.35 ng/ul	422742	Phenanthrene-d10	16.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98	
2	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	95	
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95	
4	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	94	
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	94	



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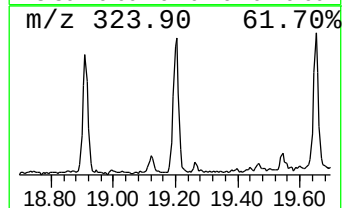
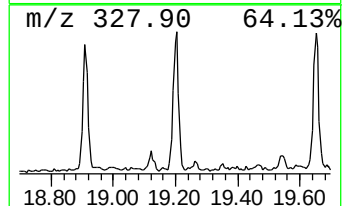
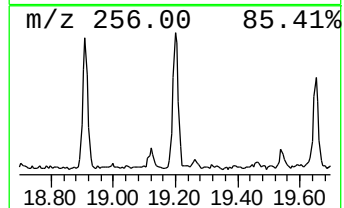
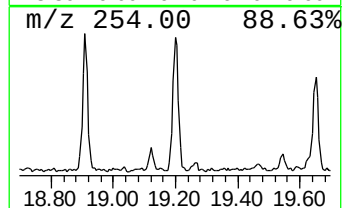
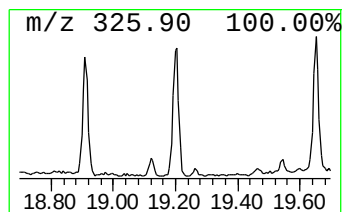
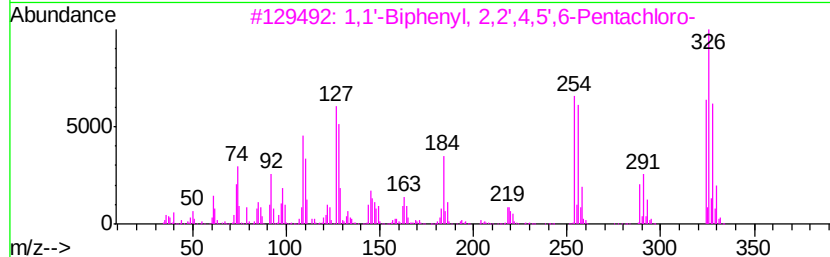
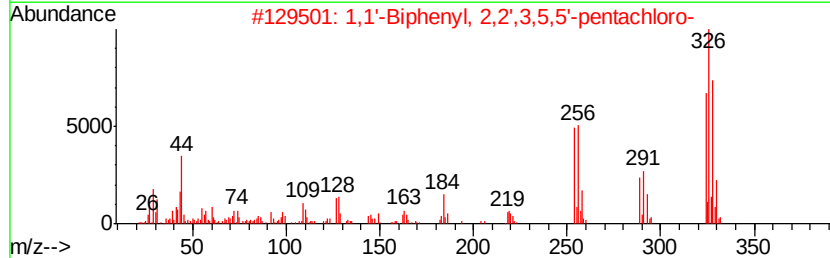
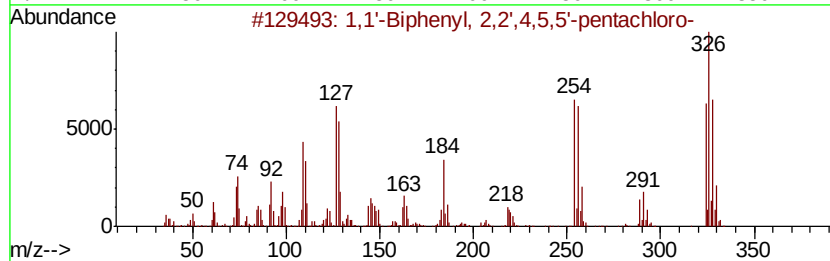
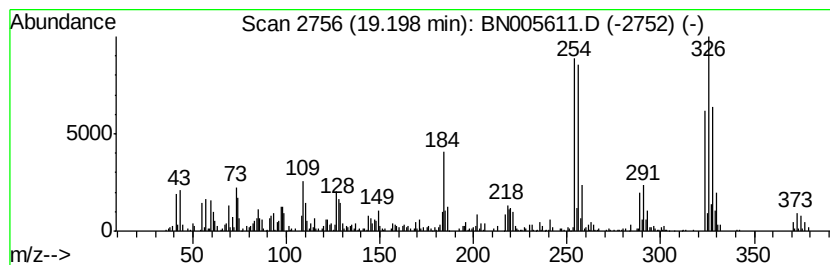
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	9.87 ng/ul	832116	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324 C12H5Cl5	037680-73-2	97
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324 C12H5Cl5	052663-61-3	96
3	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324 C12H5Cl5	060145-21-3	95
4	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324 C12H5Cl5	074472-35-8	95
5	1,1'-Biphenyl, 2,3',4,4',6-Penta...	324 C12H5Cl5	056558-17-9	94



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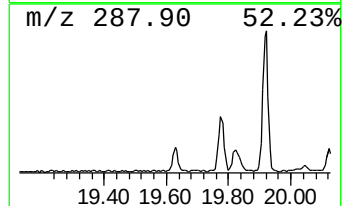
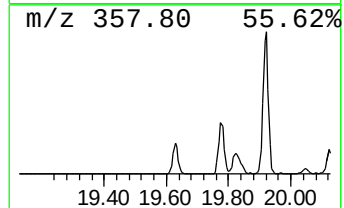
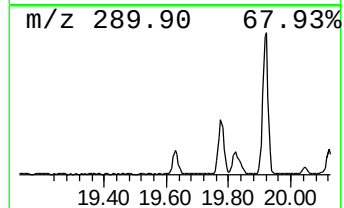
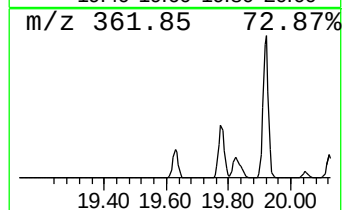
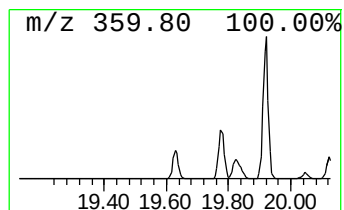
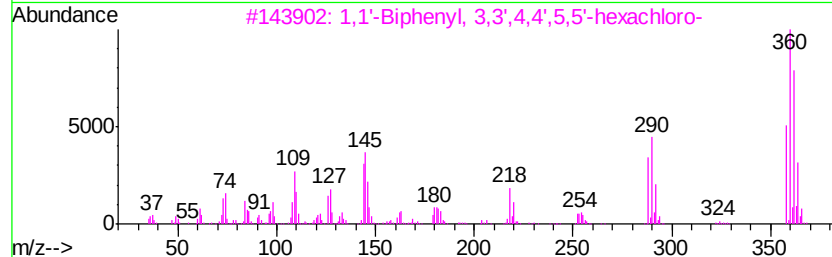
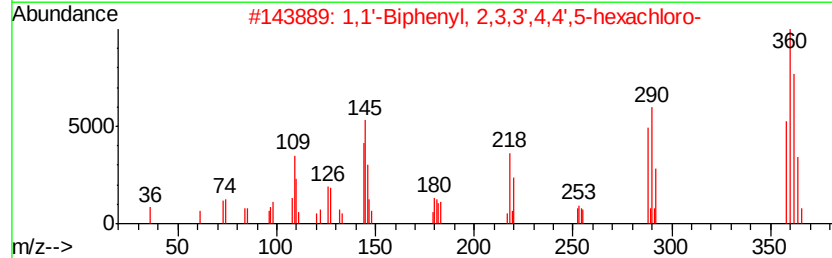
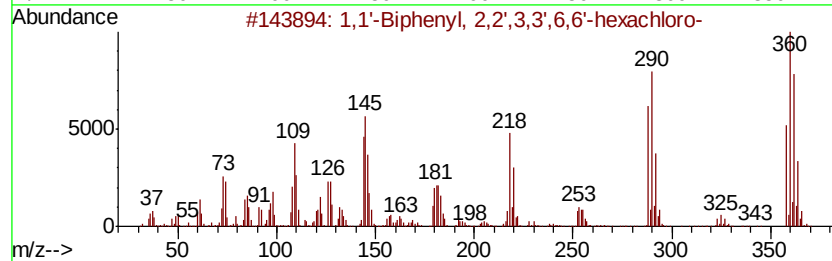
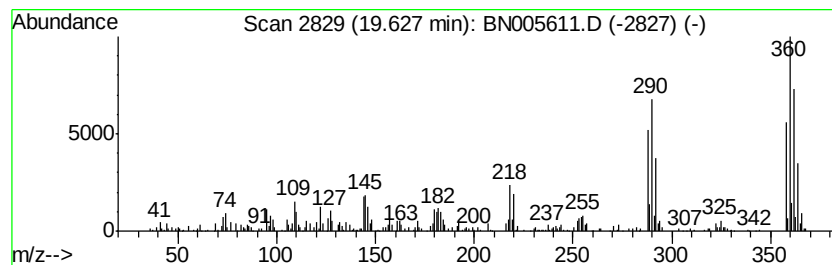
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Peak Number 4 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.57 ng/ul	300697	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
2		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	98
3		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	98
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	98
5		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005611.D
Acq On : 11 May 2019 04:54
Operator : JU/SJ
Sample : K2613-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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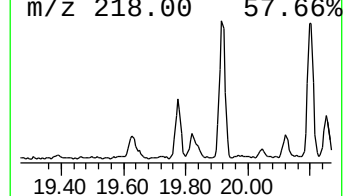
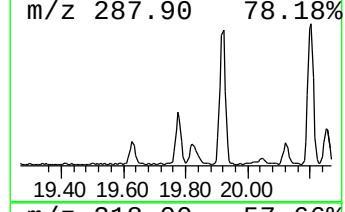
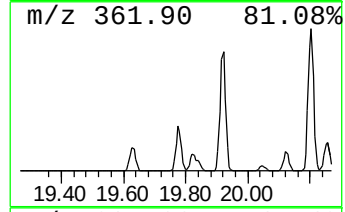
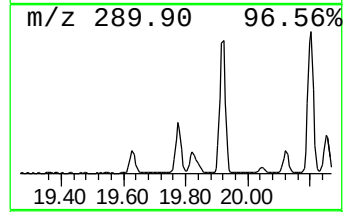
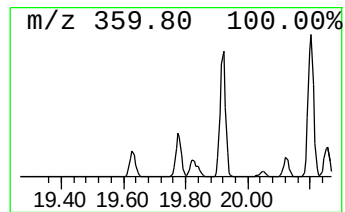
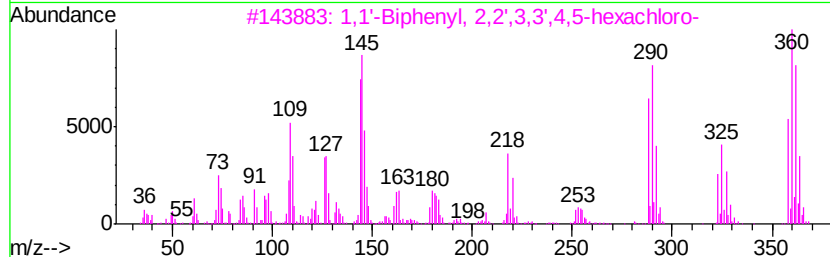
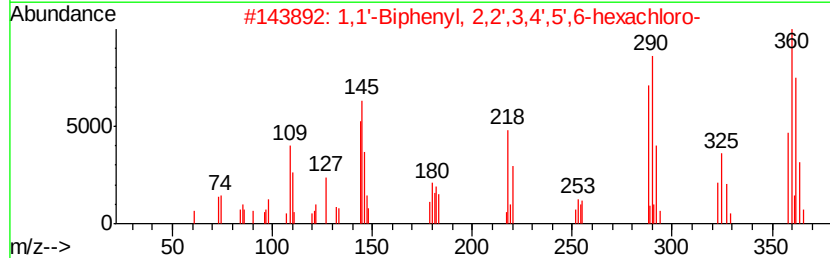
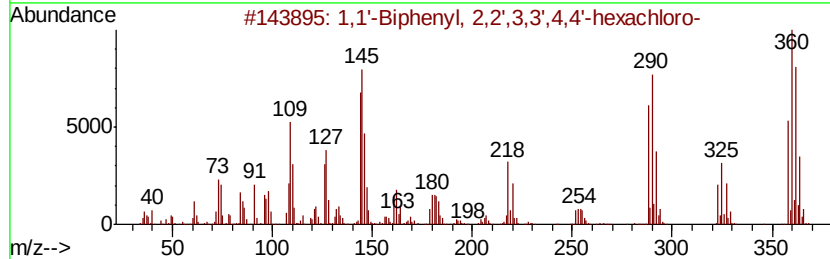
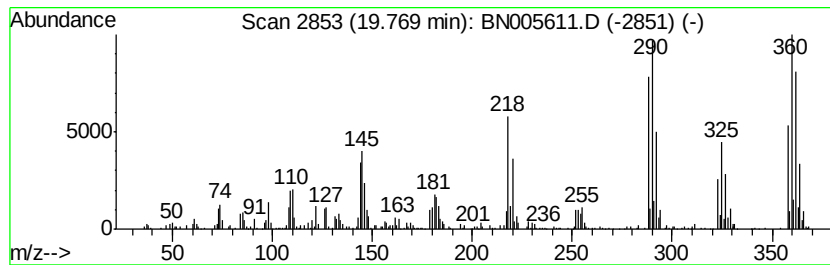
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	11.48 ng/ul	967581	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
4		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005611.D
Acq On : 11 May 2019 04:54
Operator : JU/SJ
Sample : K2613-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH56

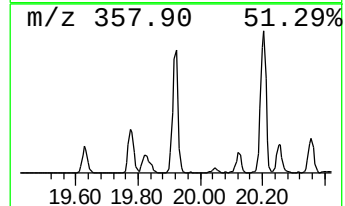
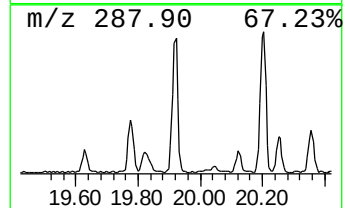
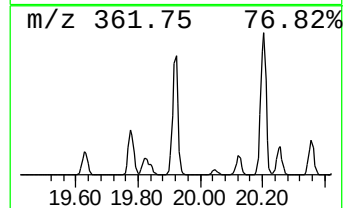
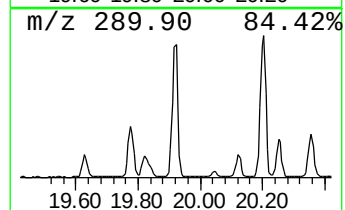
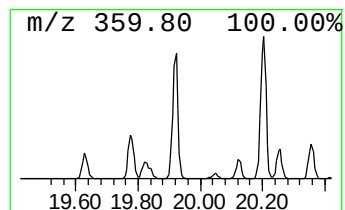
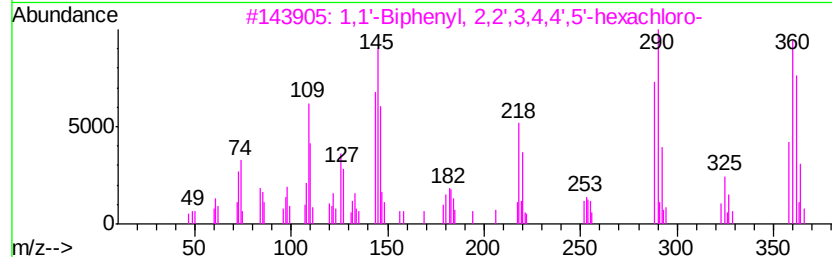
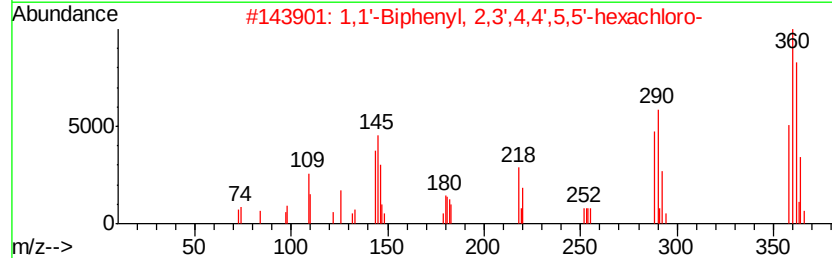
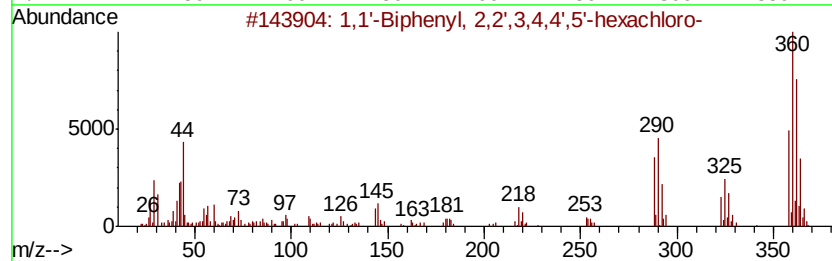
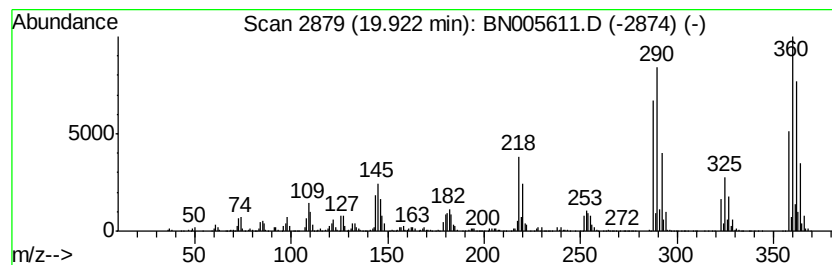
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	32.68 ng/ul	2754250	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
2		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005611.D
Acq On : 11 May 2019 04:54
Operator : JU/SJ
Sample : K2613-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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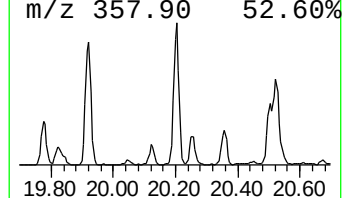
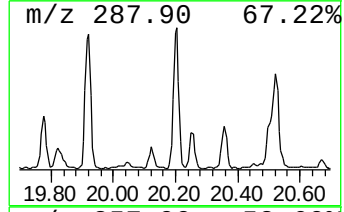
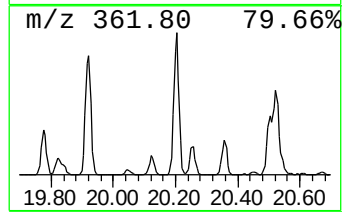
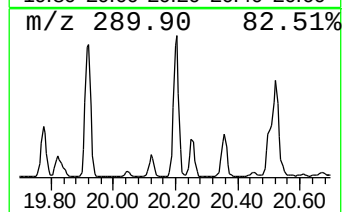
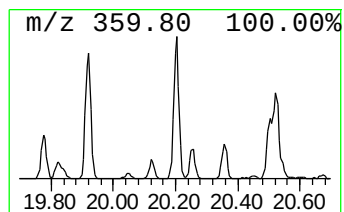
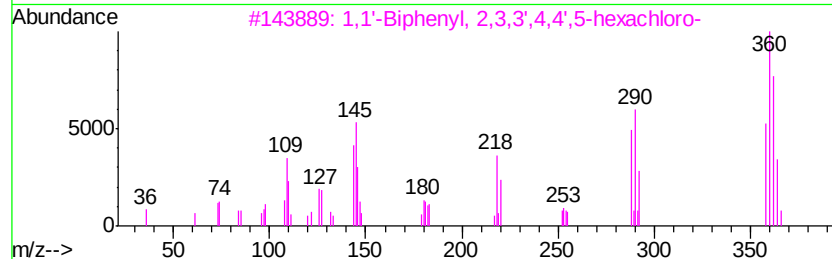
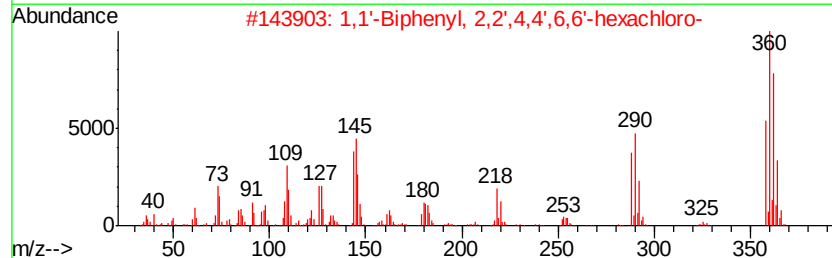
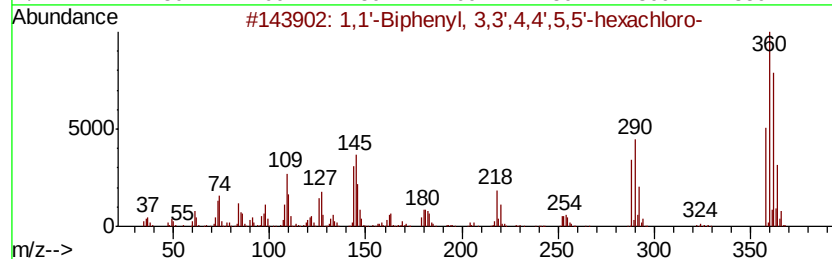
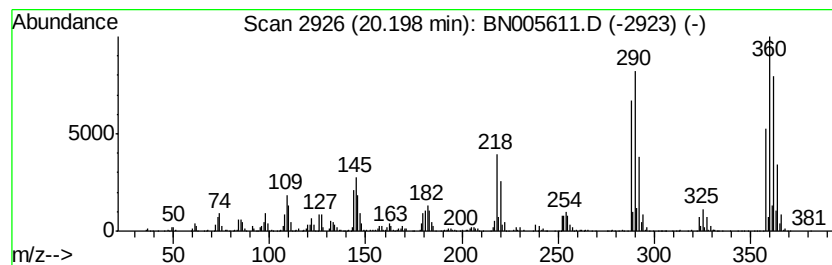
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	32.59 ng/ul	2746460	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
3		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	97
4		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	96
5		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005611.D
Acq On : 11 May 2019 04:54
Operator : JU/SJ
Sample : K2613-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

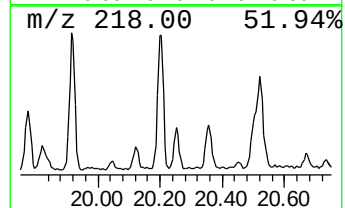
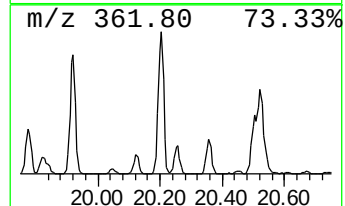
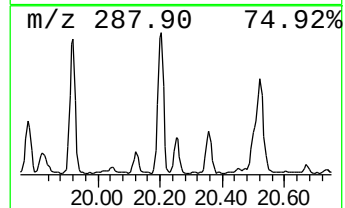
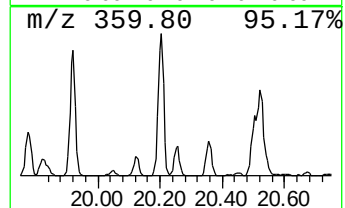
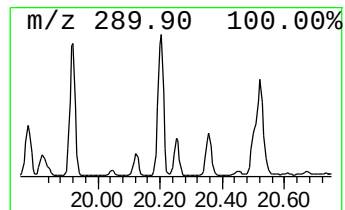
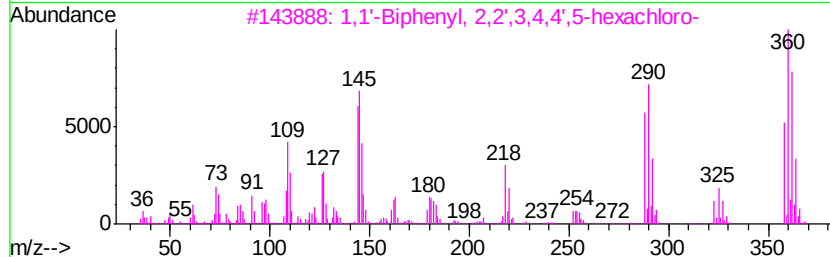
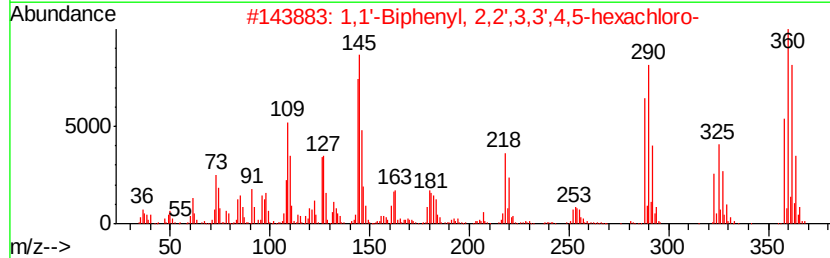
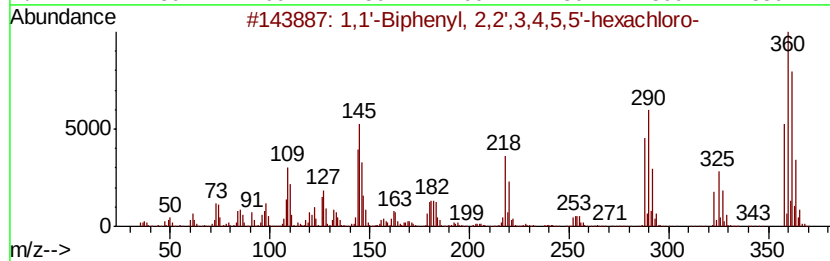
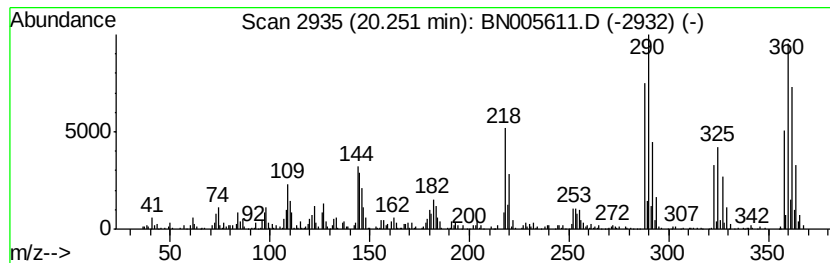
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.25	8.47 ng/ul	713441	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99	
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99	
3	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	97	
4	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	97	
5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	97	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005611.D
Acq On : 11 May 2019 04:54
Operator : JU/SJ
Sample : K2613-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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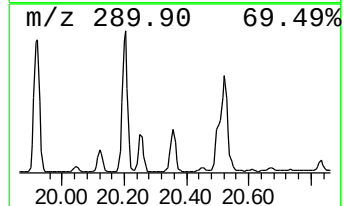
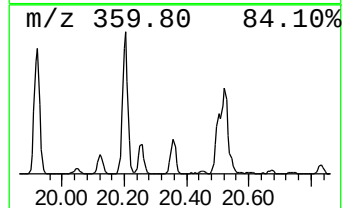
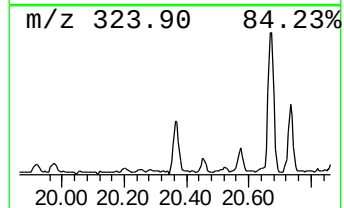
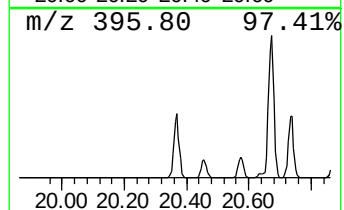
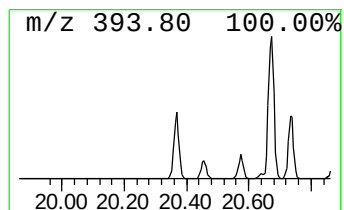
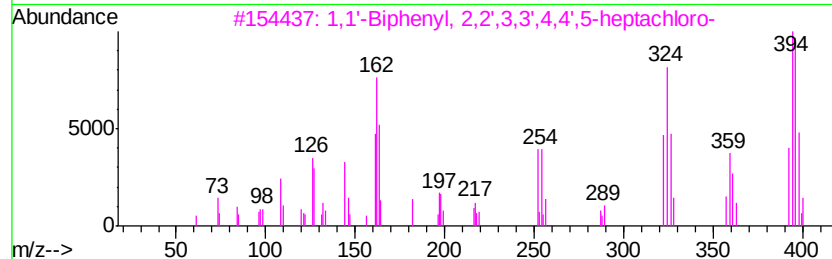
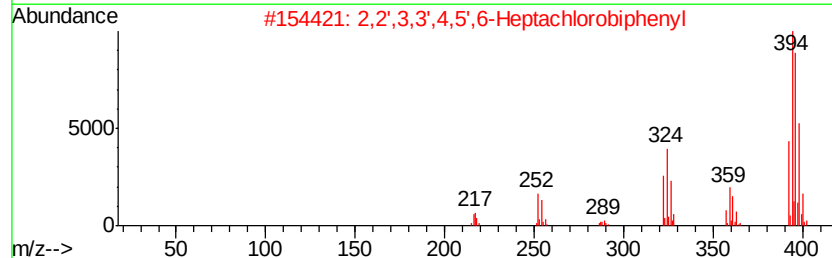
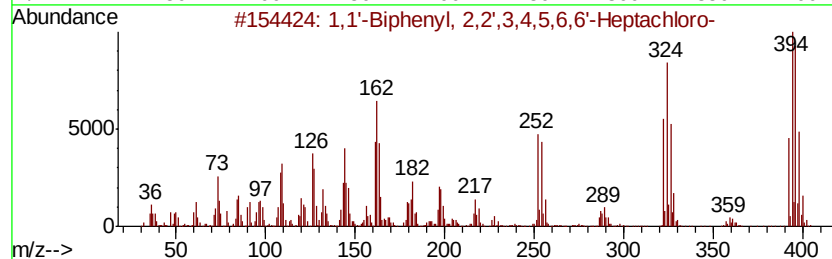
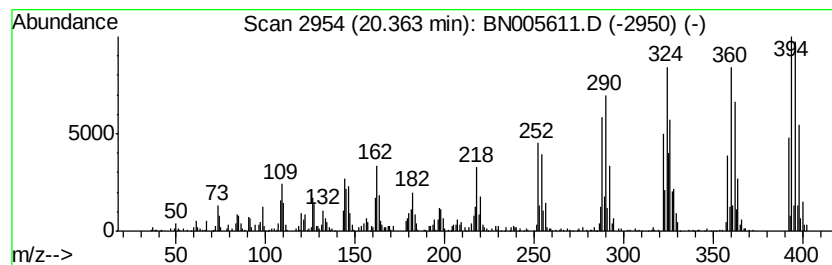
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	18.07 ng/ul	1522840	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,6,6'-H...	392	C12H3Cl7	074472-49-4	99
2		2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	93
3		1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	93
4		1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	93
5		1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Sample : K2613-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

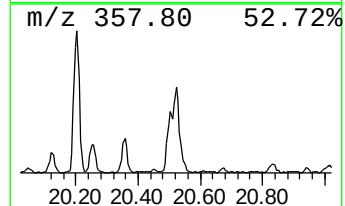
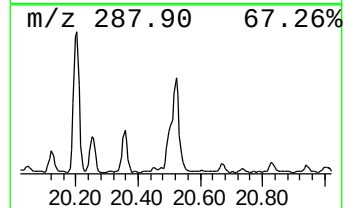
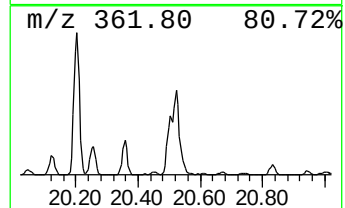
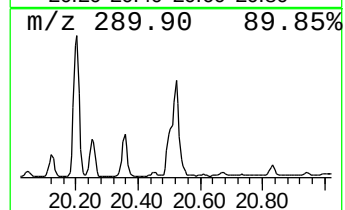
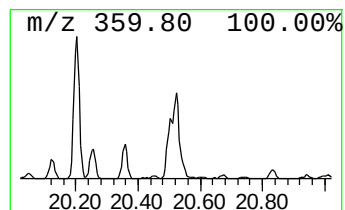
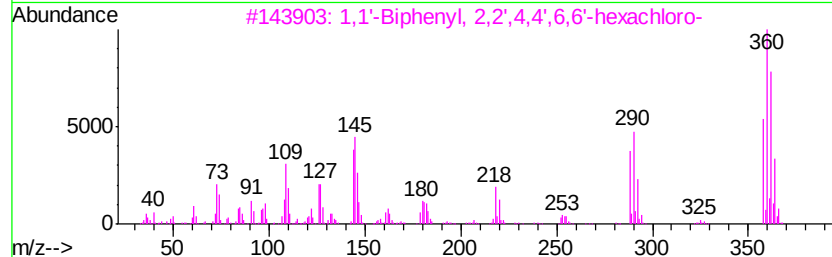
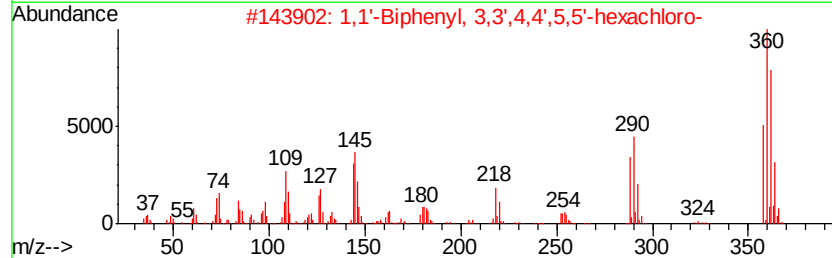
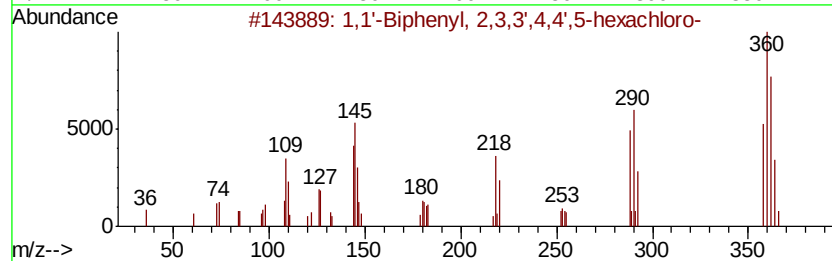
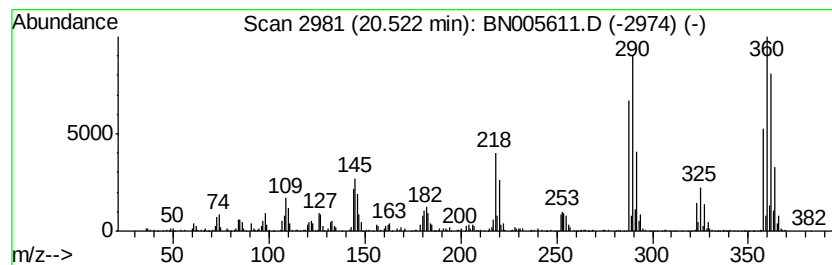
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.52	33.25 ng/ul	2801750	Chrysene-d12	21.20		
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	1,1'-Biphenyl,	3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl,	2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
4	1,1'-Biphenyl,	2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	97
5	1,1'-Biphenyl,	2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Sample : K2613-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

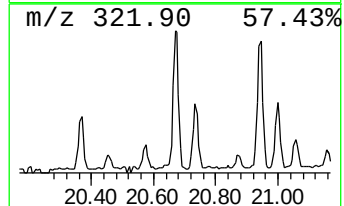
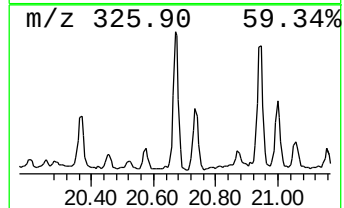
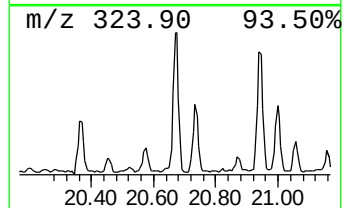
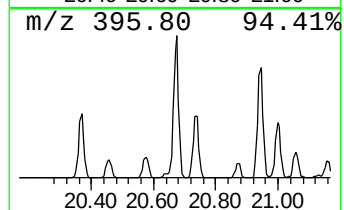
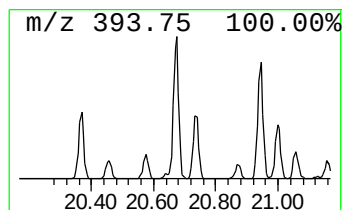
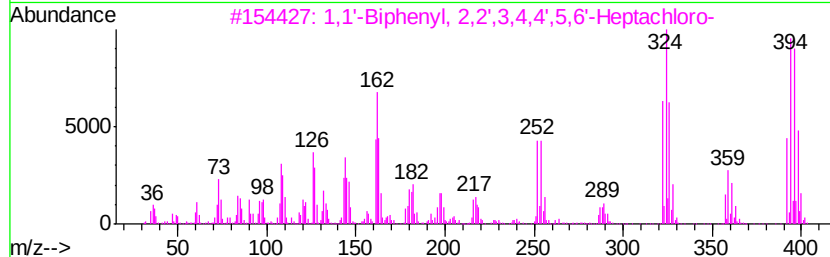
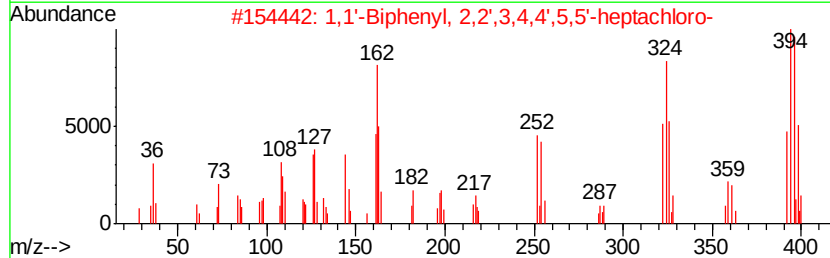
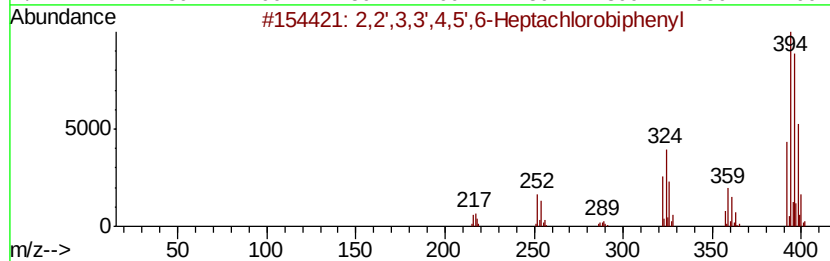
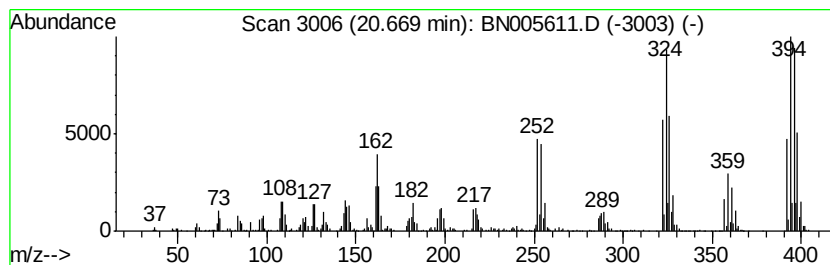
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	21.78 ng/ul	1835810	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7 99
2	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3 99
3	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5 99
4	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392	C12H3Cl7	052712-05-7 99
5	1,1'-Biphenyl, 2,3,3',4,5,5',6-h...	392	C12H3Cl7	074472-51-8 99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005611.D
Acq On : 11 May 2019 04:54
Operator : JU/SJ
Sample : K2613-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

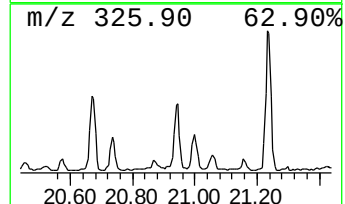
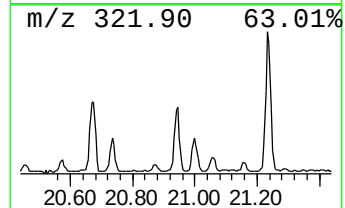
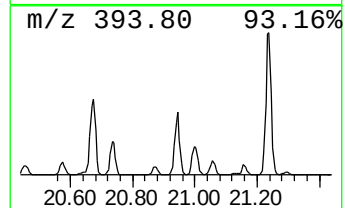
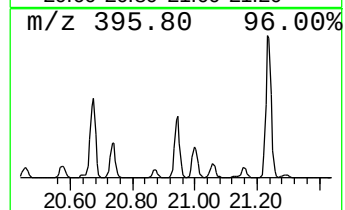
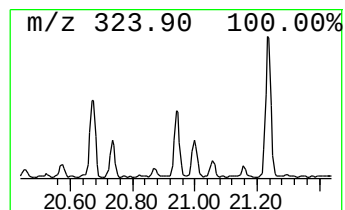
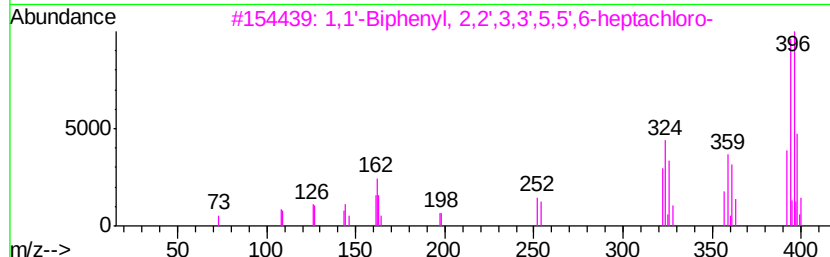
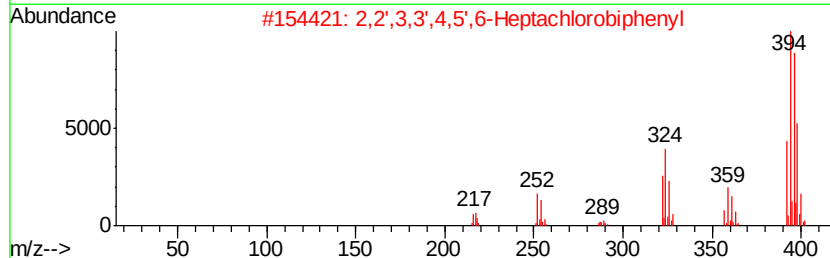
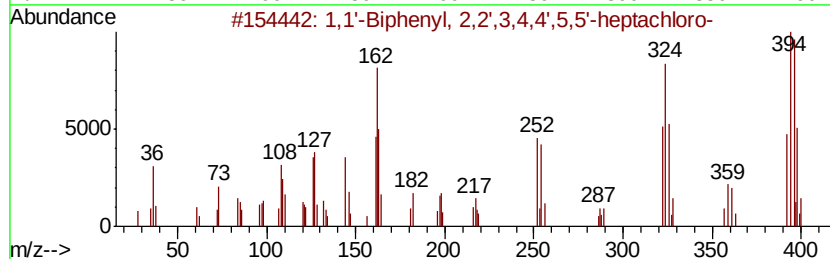
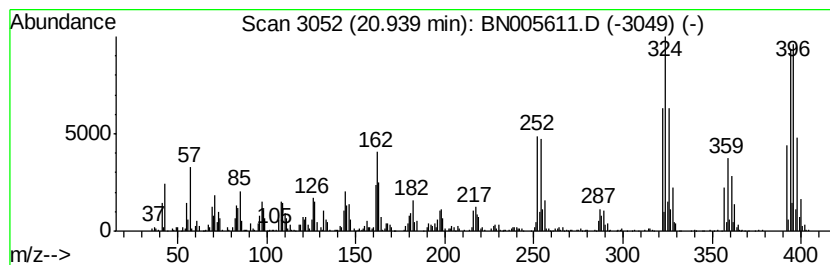
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	21.13 ng/ul	1780750	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392 C12H3Cl7	035065-29-3	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392 C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392 C12H3Cl7	052663-67-9	99
4	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392 C12H3Cl7	052663-71-5	99
5	1,1'-Biphenyl, 2,2',3,4,5,5',6-h...	392 C12H3Cl7	052712-05-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005611.D
Acq On : 11 May 2019 04:54
Operator : JU/SJ
Sample : K2613-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

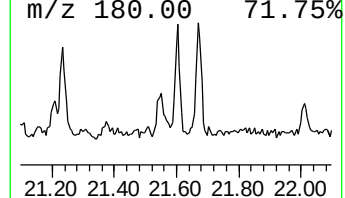
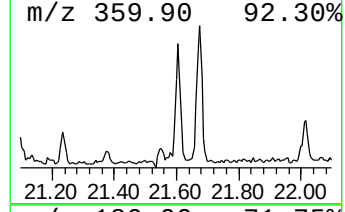
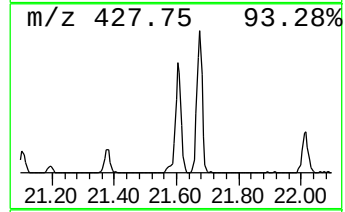
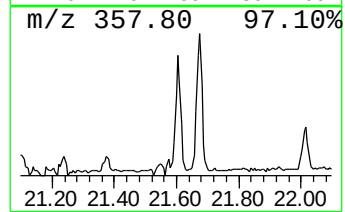
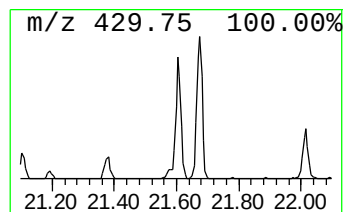
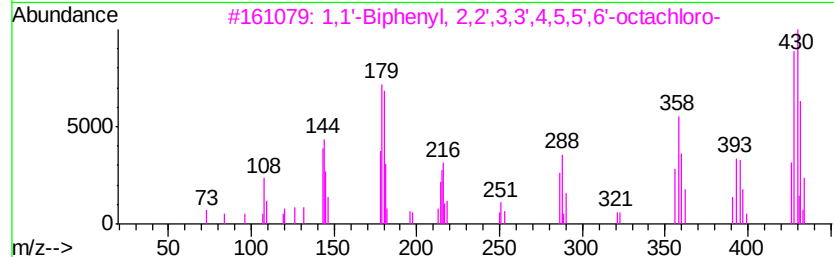
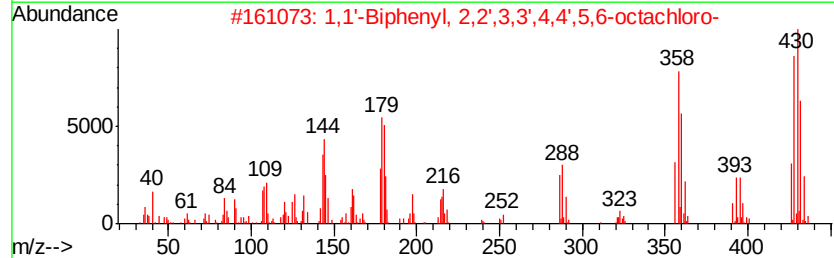
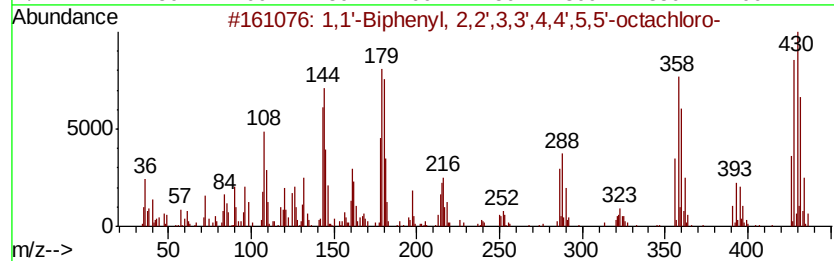
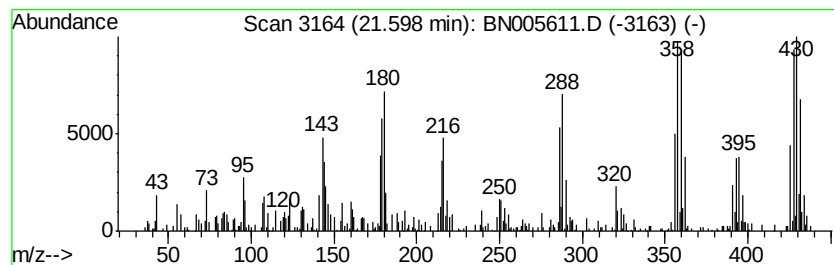
Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.60	8.84 ng/ul	745382	Chrysene-d12	21.20		
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	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	052663-78-2	96	
3	1,1'-Biphenyl, 2,2',3,3',4,5,5',...	426	C12H2Cl8	052663-75-9	96	
4	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	042740-50-1	96	
5	1,1'-Biphenyl, 2,2',3,3',4,4',5,...	426	C12H2Cl8	035694-08-7	96	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
 Data File : BN005611.D
 Acq On : 11 May 2019 04:54
 Operator : JU/SJ
 Sample : K2613-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	3.3	ng/ul	413340	4	16.97	2525660	20.0
1,1'-Biphenyl, 2,...	18.91	3.4	ng/ul	422742	4	16.97	2525660	20.0
1,1'-Biphenyl, 2,...	19.20	9.9	ng/ul	832116	5	21.20	1685510	20.0
1,1'-Biphenyl, 2,...	19.63	3.6	ng/ul	300697	5	21.20	1685510	20.0
1,1'-Biphenyl, 2,...	19.77	11.5	ng/ul	967581	5	21.20	1685510	20.0
1,1'-Biphenyl, 2,...	19.92	32.7	ng/ul	2754250	5	21.20	1685510	20.0
1,1'-Biphenyl, 3,...	20.20	32.6	ng/ul	2746460	5	21.20	1685510	20.0
1,1'-Biphenyl, 2,...	20.25	8.5	ng/ul	713441	5	21.20	1685510	20.0
1,1'-Biphenyl, 2,...	20.36	18.1	ng/ul	1522840	5	21.20	1685510	20.0
1,1'-Biphenyl, 2,...	20.52	33.3	ng/ul	2801750	5	21.20	1685510	20.0
2,2',3,3',4,5',6-...	20.67	21.8	ng/ul	1835810	5	21.20	1685510	20.0
1,1'-Biphenyl, 2,...	20.94	21.1	ng/ul	1780750	5	21.20	1685510	20.0
1,1'-Biphenyl, 2,...	21.60	8.8	ng/ul	745382	5	21.20	1685510	20.0