

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023376.D
 Acq On : 24 Oct 2019 13:10
 Operator : JU
 Sample : AR1254
 Misc : GCMS CONFIRMATION
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AR1254

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_M\METHODS\SOM-EPA-BM102319MA.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	3.081	13	16	21	rVB	643798	684639	11.48%	1.721%
2	7.628	782	789	797	rBV	1961507	3062956	51.36%	7.701%
3	10.410	1254	1262	1270	rBV	2420052	4052987	67.96%	10.190%
4	11.057	1367	1372	1374	rBV6	4624	6258	0.10%	0.016%
5	12.663	1639	1645	1651	rBV6	12096	25306	0.42%	0.064%
6	13.192	1732	1735	1740	rVB5	5540	7050	0.12%	0.018%
7	13.274	1745	1749	1752	rVB6	8853	11570	0.19%	0.029%
8	13.339	1756	1760	1765	rVB4	7823	8848	0.15%	0.022%
9	13.763	1829	1832	1836	rVB5	7271	10595	0.18%	0.027%
10	13.951	1863	1864	1869	rBV3	5027	6795	0.11%	0.017%
11	14.280	1913	1920	1930	rBV	3448526	5038337	84.49%	12.668%
12	14.515	1957	1960	1964	rBV5	5342	10265	0.17%	0.026%
13	15.274	2087	2089	2093	rVB3	6629	6600	0.11%	0.017%
14	15.539	2131	2134	2137	rBV4	4933	6557	0.11%	0.016%
15	15.774	2172	2174	2176	rBV	5452	6332	0.11%	0.016%
16	15.839	2182	2185	2186	rBV3	6477	6306	0.11%	0.016%
17	16.262	2254	2257	2258	rBV3	5662	6436	0.11%	0.016%
18	16.809	2348	2350	2356	rVB4	11362	15568	0.26%	0.039%
19	16.909	2365	2367	2372	rVB6	10929	13498	0.23%	0.034%
20	17.021	2379	2386	2397	rBV2	3832990	5523195	92.62%	13.887%
21	17.121	2399	2403	2408	rVB5	18452	24205	0.41%	0.061%
22	17.204	2415	2417	2420	rBV3	11303	10611	0.18%	0.027%
23	17.621	2485	2488	2497	rBV9	21097	37797	0.63%	0.095%
24	17.751	2507	2510	2514	rVB4	14135	18137	0.30%	0.046%
25	17.945	2539	2543	2549	rBV5	44110	71561	1.20%	0.180%
26	18.103	2565	2570	2576	rVB2	428531	542681	9.10%	1.364%
27	18.162	2576	2580	2585	rBV	88301	112002	1.88%	0.282%
28	18.203	2585	2587	2590	rVV4	10539	9598	0.16%	0.024%
29	18.386	2614	2618	2624	rBV2	169558	235349	3.95%	0.592%
30	18.527	2640	2642	2645	rBV4	17476	20591	0.35%	0.052%
31	18.568	2645	2649	2653	rVB2	43653	61115	1.02%	0.154%
32	18.880	2698	2702	2705	rBV2	56630	68438	1.15%	0.172%
33	18.927	2706	2710	2712	rVV	259551	338508	5.68%	0.851%
34	18.956	2712	2715	2722	rVB	543788	721450	12.10%	1.814%

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35	19.039	2726	2729	2735	rVV5	73247	91589	1.54%	0.230%
36	19.168	2746	2751	2756	rBV3	120554	194828	3.27%	0.490%
37	19.245	2758	2764	2770	rVV	722942	1025202	17.19%	2.578%
38	19.303	2770	2774	2779	rBV	213872	290092	4.86%	0.729%
39	19.433	2793	2796	2800	rBV6	33376	44443	0.75%	0.112%
40	19.474	2800	2803	2805	rVV3	31148	40487	0.68%	0.102%
41	19.503	2805	2808	2814	rVB	198254	239510	4.02%	0.602%
42	19.580	2817	2821	2826	rVV	312491	397941	6.67%	1.001%
43	19.633	2826	2830	2833	rVV3	89828	119130	2.00%	0.300%
44	19.692	2833	2840	2846	rVB	636138	903223	15.15%	2.271%
45	19.833	2858	2864	2866	rBV7	77113	142082	2.38%	0.357%
46	19.956	2880	2885	2889	rBV2	269458	367365	6.16%	0.924%
47	20.003	2889	2893	2899	rVB	536340	640883	10.75%	1.611%
48	20.233	2928	2932	2937	rBV	293103	347075	5.82%	0.873%
49	20.286	2937	2941	2943	rBV2	176265	225861	3.79%	0.568%
50	20.309	2943	2945	2950	rVB	210231	242558	4.07%	0.610%
51	20.550	2983	2986	2992	rVB2	362808	476770	7.99%	1.199%
52	20.856	3035	3038	3042	rBV4	116242	128388	2.15%	0.323%
53	21.215	3094	3099	3105	rBV	4266979	5455868	91.49%	13.717%
54	22.297	3280	3283	3288	rVB	356031	437335	7.33%	1.100%
55	22.797	3365	3368	3375	rVB	474862	670455	11.24%	1.686%
56	23.356	3460	3463	3467	rBV2	388318	546535	9.16%	1.374%
57	23.415	3467	3473	3481	rVB2	3286839	5963550	100.00%	14.994%

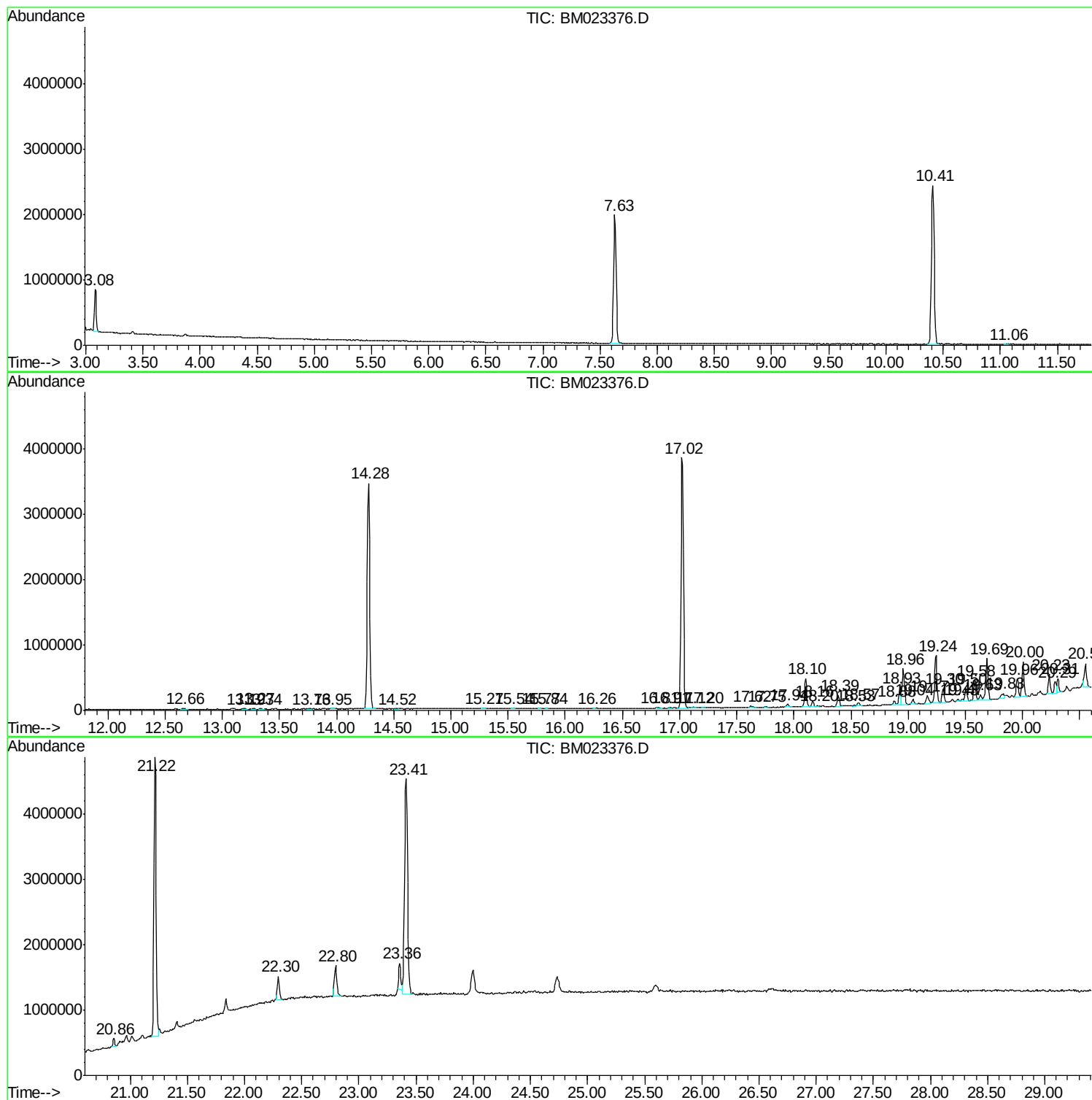
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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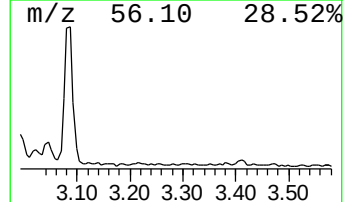
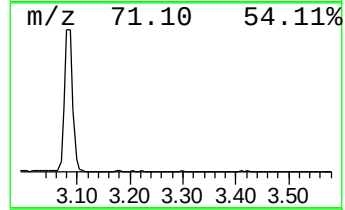
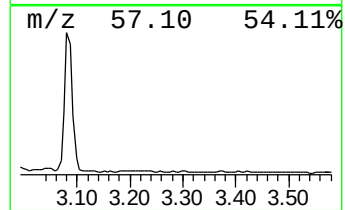
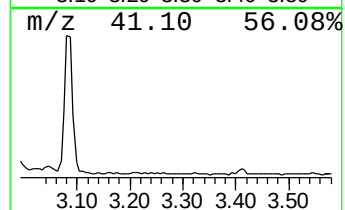
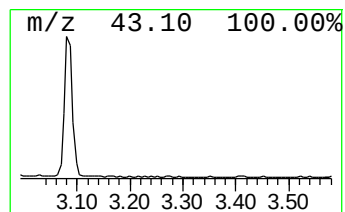
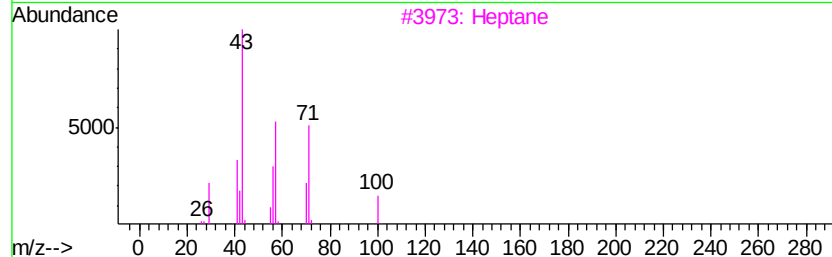
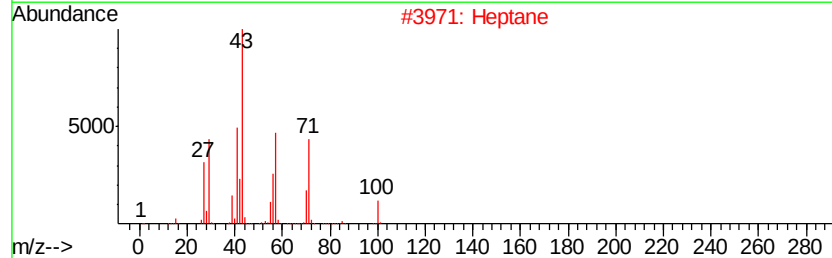
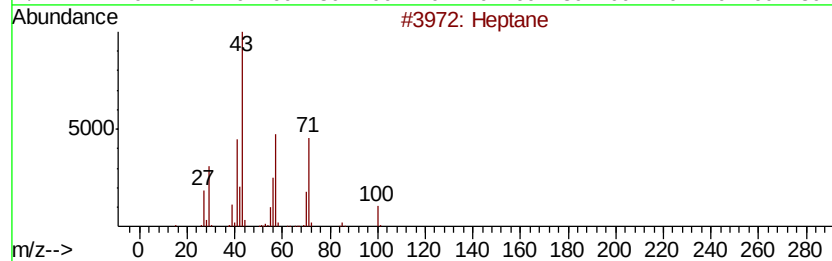
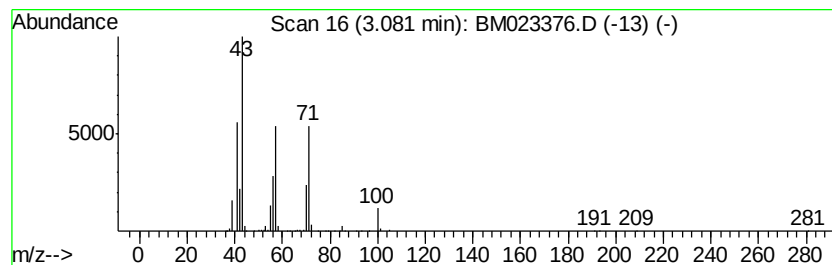
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	4.47 ng/ul	684639	1,4-Dichlorobenzene-d4	7.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	94
2			Heptane	100	C7H16	000142-82-5	94
3			Heptane	100	C7H16	000142-82-5	87
4			Heptane	100	C7H16	000142-82-5	87
5			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	47



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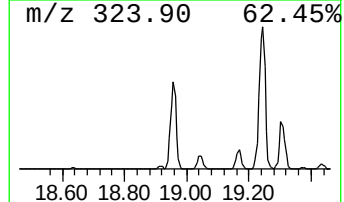
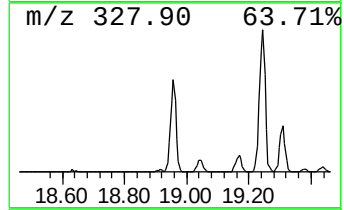
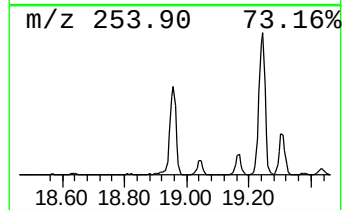
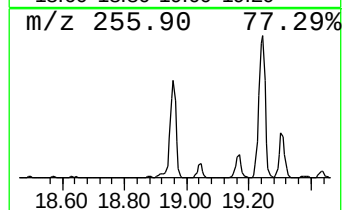
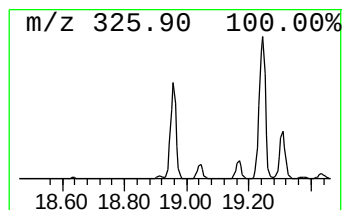
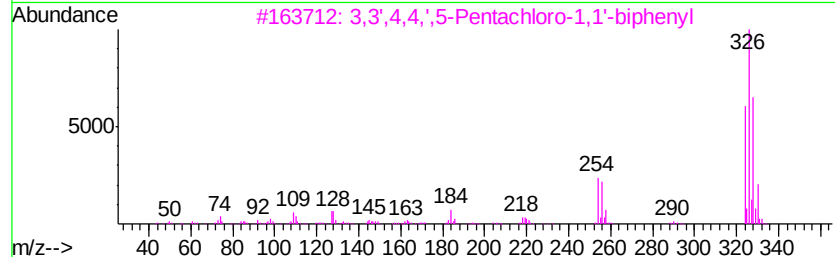
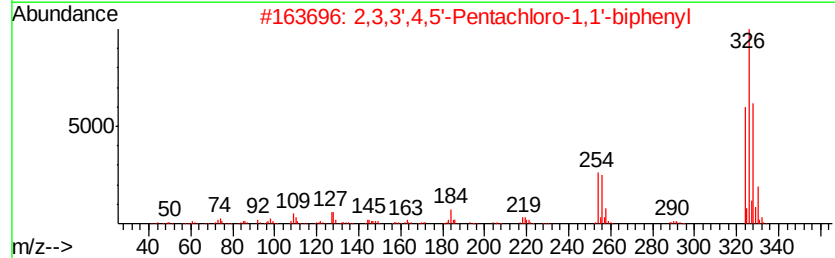
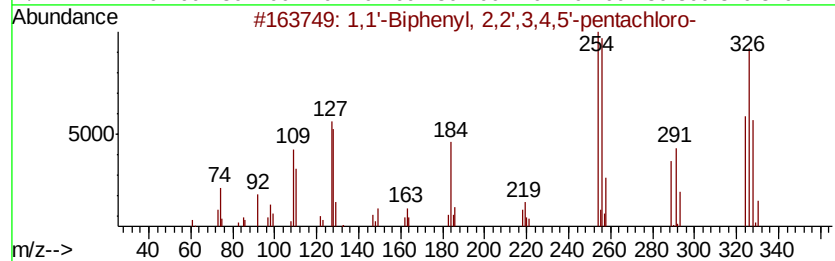
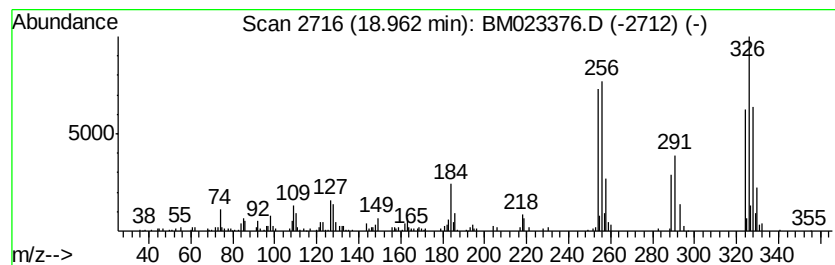
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.96	2.61 ng/ul	721450	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
2	2,3,3',	4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
3	3,3',	4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl,	2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	99
5	1,1'-Biphenyl,	2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99



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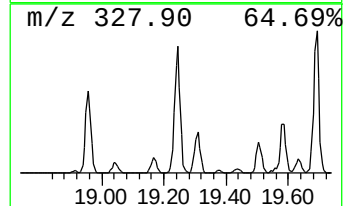
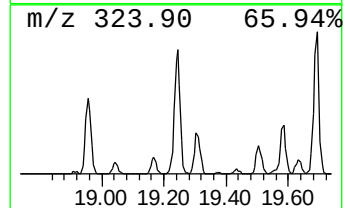
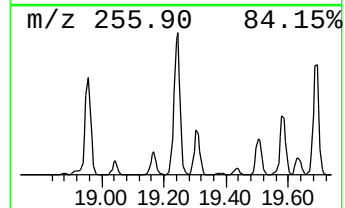
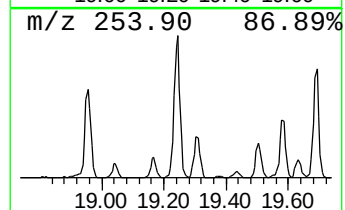
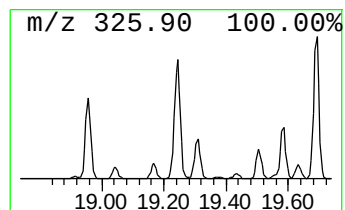
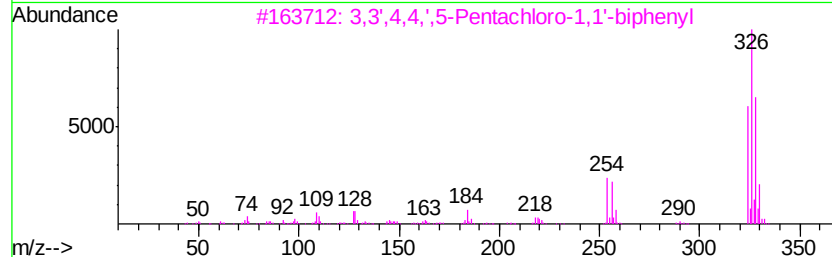
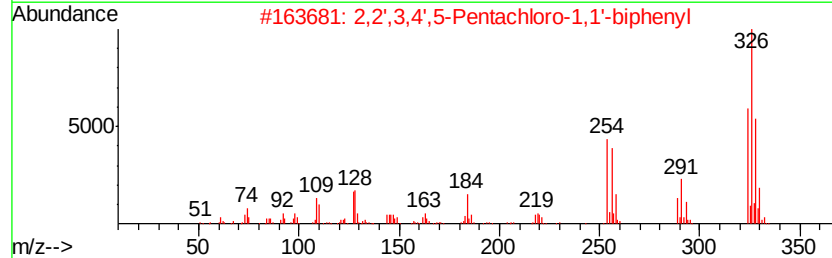
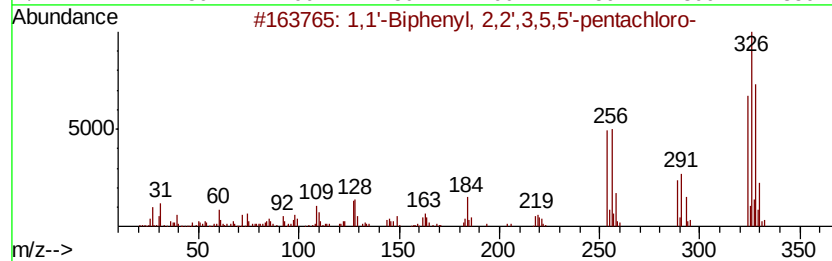
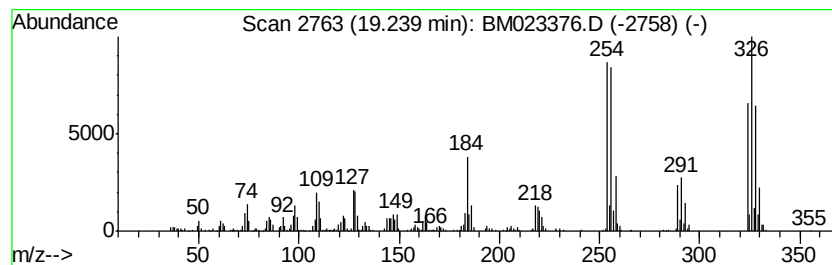
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Peak Number 3 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.76 ng/ul	1025200	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2		2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
3		3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4		1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99



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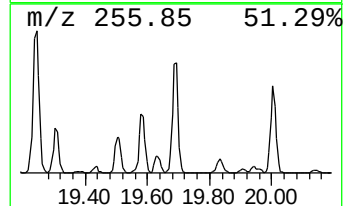
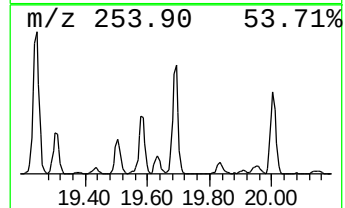
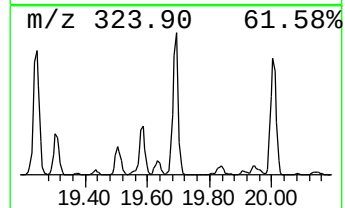
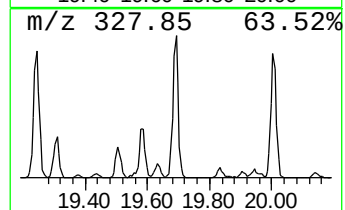
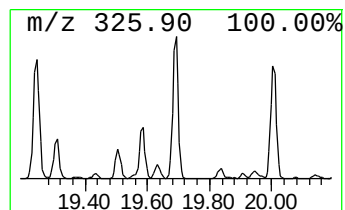
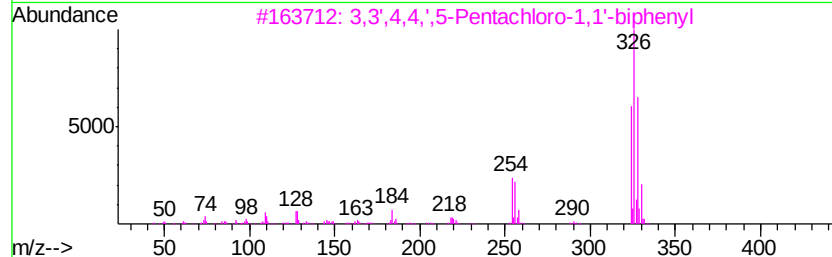
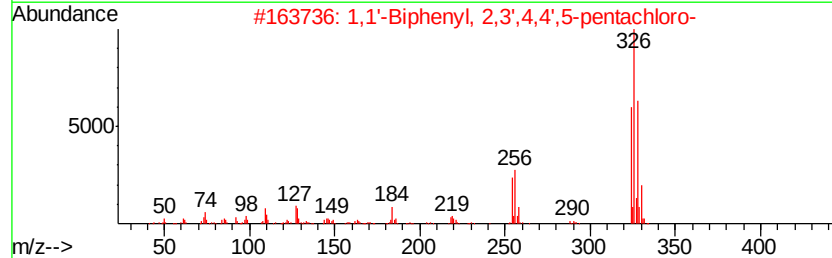
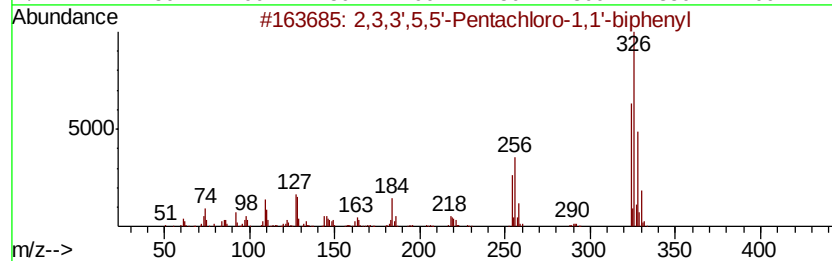
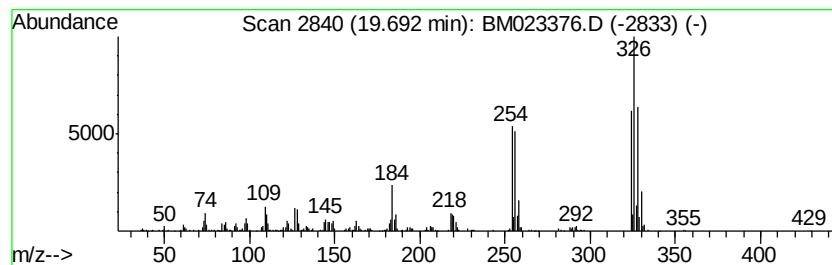
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Peak Number 4 2,3,3',5,5'-Pentachloro-1,1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.31 ng/ul	903223	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-32-0	99
2		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3		3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
4		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99



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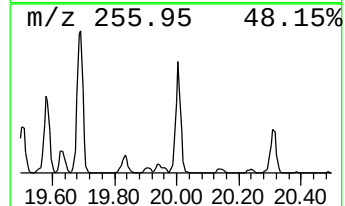
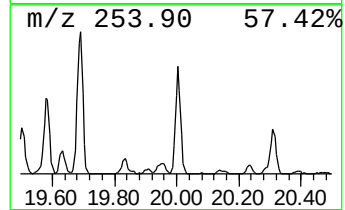
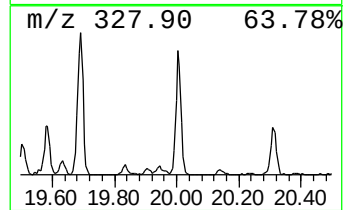
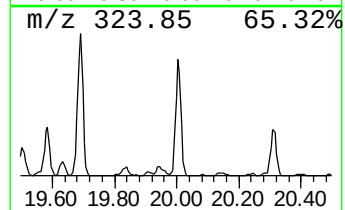
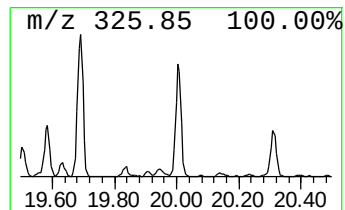
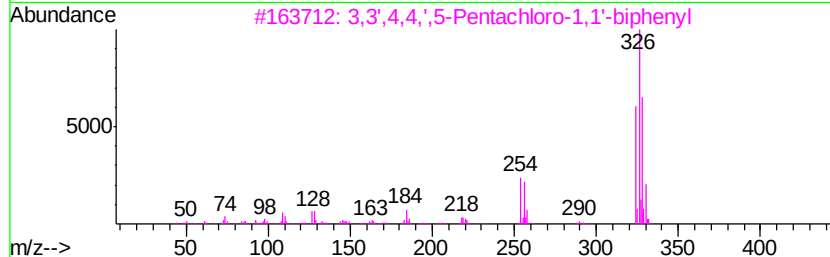
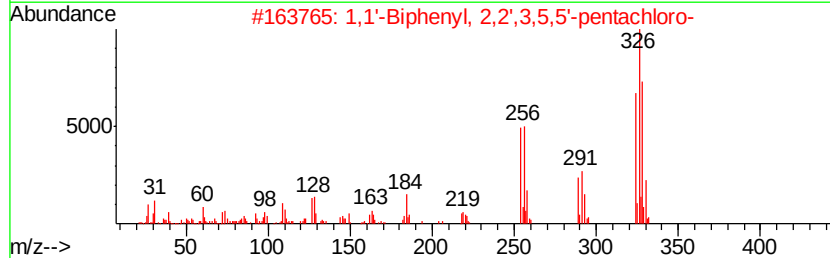
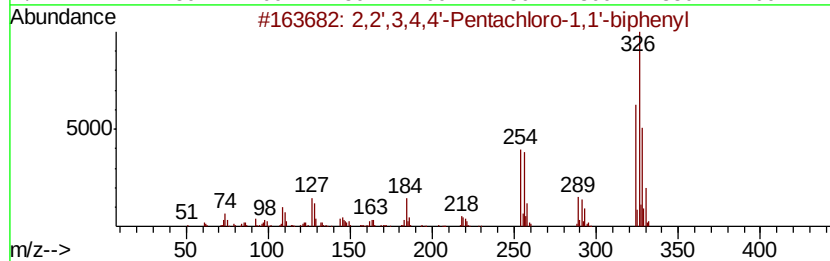
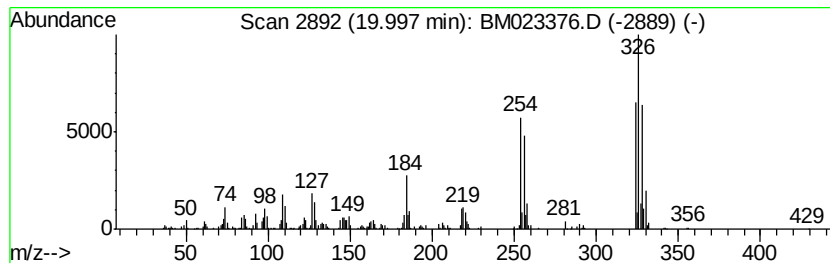
Instrument :
BNA_M
ClientSampleId :
AR1254

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.35 ng/ul	640883	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2',3,4,4'-Pentachloro-1,1'-bip...	324 C12H5Cl5	065510-45-4	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324 C12H5Cl5	052663-61-3	99
3	3,3',4,4',5-Pentachloro-1,1'-bi...	324 C12H5Cl5	057465-28-8	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324 C12H5Cl5	031508-00-6	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324 C12H5Cl5	032598-14-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023376.D
Acq On : 24 Oct 2019 13:10
Operator : JU
Sample : AR1254
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AR1254

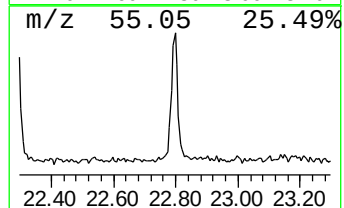
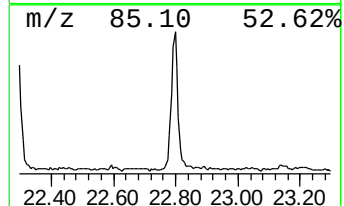
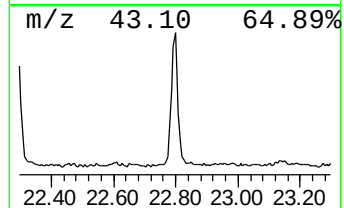
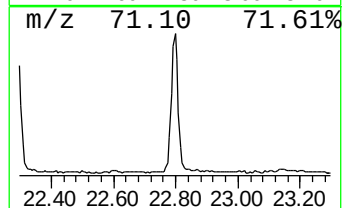
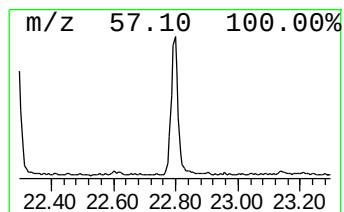
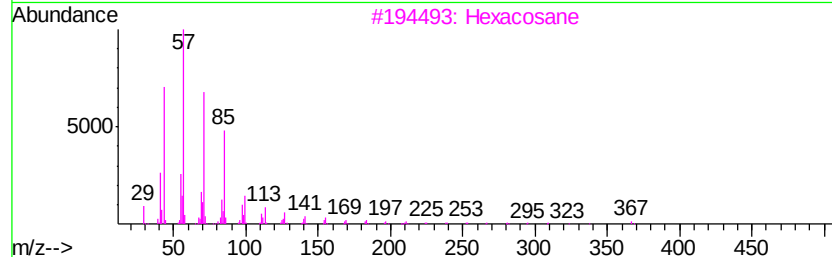
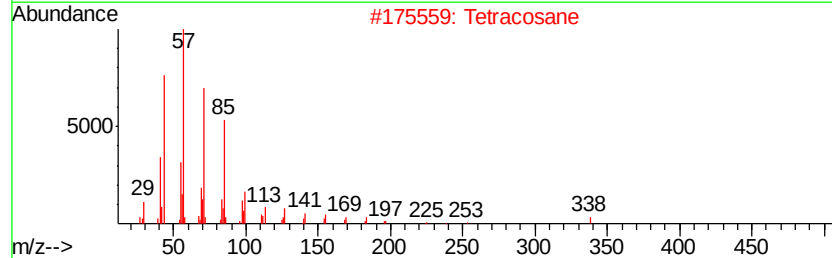
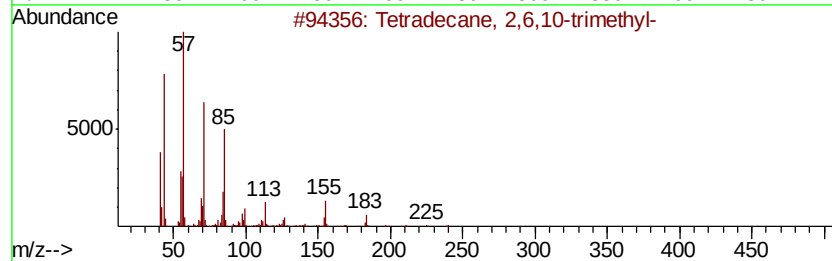
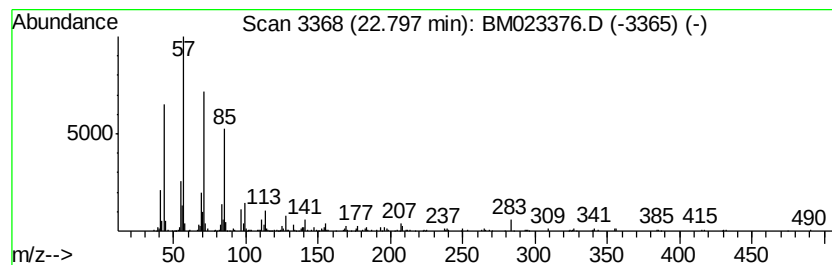
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.25 ng/ul	670455	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102319\
Data File : BM023376.D
Acq On : 24 Oct 2019 13:10
Operator : JU
Sample : AR1254
Misc : GCMS CONFIRMATION
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AR1254

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.08	4.5	ng/ul	684639	1	7.63	3062960	20.0
1,1'-Biphenyl, 2,...	18.96	2.6	ng/ul	721450	4	17.02	5523200	20.0
1,1'-Biphenyl, 2,...	19.24	3.8	ng/ul	1025200	5	21.22	5455870	20.0
2,3,3',5,5'-Penta...	19.69	3.3	ng/ul	903223	5	21.22	5455870	20.0
2,2',3,4,4'-Penta...	20.00	2.4	ng/ul	640883	5	21.22	5455870	20.0
(DEL) Alkane: Str...	22.80	2.3	ng/ul	670455	6	23.41	5963550	20.0