

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
 Data File : BN004443.D
 Acq On : 18 Feb 2019 15:20
 Operator : JU/SJ
 Sample : K1492-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5B8

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-BN020719MA.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	3.075	12	15	17	rVB	1580	1576	0.13%	0.028%
2	3.158	26	29	37	rBB	24324	29609	2.47%	0.517%
3	7.740	803	808	815	rBB	79096	122491	10.21%	2.139%
4	10.528	1275	1282	1289	rBB	135293	213684	17.81%	3.731%
5	14.381	1931	1937	1944	rBB2	265161	393481	32.80%	6.870%
6	15.928	2196	2200	2204	rBV	11823	13268	1.11%	0.232%
7	16.163	2236	2240	2242	rVB	1948	1872	0.16%	0.033%
8	16.422	2281	2284	2290	rBV2	1886	1706	0.14%	0.030%
9	16.910	2364	2367	2371	rVB2	1090	1514	0.13%	0.026%
10	17.128	2398	2404	2410	rBV2	407695	587433	48.97%	10.257%
11	17.169	2410	2411	2415	rVB	9767	8158	0.68%	0.142%
12	17.304	2431	2434	2436	rVB	1685	1576	0.13%	0.028%
13	17.510	2466	2469	2472	rBV	2565	2642	0.22%	0.046%
14	17.645	2490	2492	2496	rBV	2015	2441	0.20%	0.043%
15	17.727	2502	2506	2510	rVB4	1516	1886	0.16%	0.033%
16	17.839	2522	2525	2529	rBV	20622	21927	1.83%	0.383%
17	17.892	2529	2534	2535	rVV2	1386	1511	0.13%	0.026%
18	17.922	2535	2539	2547	rVV	22312	25438	2.12%	0.444%
19	17.998	2550	2552	2556	rVV	1954	2304	0.19%	0.040%
20	18.051	2556	2561	2566	rVB3	2188	3787	0.32%	0.066%
21	18.098	2566	2569	2572	rBV2	1680	2196	0.18%	0.038%
22	18.151	2572	2578	2580	rVV3	1690	2742	0.23%	0.048%
23	18.198	2581	2586	2590	rVV3	18640	22447	1.87%	0.392%
24	18.257	2590	2596	2600	rVV2	22628	27489	2.29%	0.480%
25	18.304	2600	2604	2608	rVB2	26500	31812	2.65%	0.555%
26	18.486	2631	2635	2637	rVV2	5603	7555	0.63%	0.132%
27	18.510	2637	2639	2642	rVB	2798	2994	0.25%	0.052%
28	18.604	2652	2655	2656	rBV3	1280	1352	0.11%	0.024%
29	18.622	2656	2658	2662	rVV	3861	4576	0.38%	0.080%
30	18.722	2673	2675	2678	rBV	3486	4428	0.37%	0.077%
31	18.745	2678	2679	2682	rVV2	3560	3290	0.27%	0.057%
32	18.816	2686	2691	2693	rVB4	2604	2940	0.25%	0.051%
33	18.939	2707	2712	2715	rVV2	2374	4373	0.36%	0.076%
34	19.022	2720	2726	2727	rVV3	8702	14960	1.25%	0.261%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	19.051	2727	2731	2740	rVB	57187	73511	6.13%	1.284%
36	19.133	2742	2745	2748	rVB2	4633	5109	0.43%	0.089%
37	19.192	2748	2755	2760	rBV	33061	41573	3.47%	0.726%
38	19.257	2760	2766	2769	rBV3	10820	14885	1.24%	0.260%
39	19.304	2769	2774	2775	rBV3	3101	4235	0.35%	0.074%
40	19.333	2775	2779	2783	rVB	79034	90408	7.54%	1.579%
41	19.398	2786	2790	2794	rVB	15499	16714	1.39%	0.292%
42	19.527	2808	2812	2814	rBV2	6098	7698	0.64%	0.134%
43	19.557	2814	2817	2822	rVV	29734	36109	3.01%	0.630%
44	19.598	2822	2824	2826	rVV	2776	2504	0.21%	0.044%
45	19.639	2826	2831	2833	rVB3	3755	5183	0.43%	0.090%
46	19.674	2833	2837	2840	rBV2	5993	6694	0.56%	0.117%
47	19.716	2842	2844	2845	rBV2	2437	1760	0.15%	0.031%
48	19.763	2848	2852	2859	rVB3	29360	61291	5.11%	1.070%
49	19.816	2859	2861	2863	rBV3	1528	1339	0.11%	0.023%
50	19.880	2870	2872	2873	rBV2	2644	2177	0.18%	0.038%
51	19.904	2873	2876	2880	rVV2	59814	61690	5.14%	1.077%
52	19.951	2880	2884	2885	rVV	18087	20515	1.71%	0.358%
53	19.969	2885	2887	2891	rVB	25680	26902	2.24%	0.470%
54	20.045	2895	2900	2906	rVV	155775	187090	15.60%	3.267%
55	20.098	2906	2909	2913	rVB2	7115	6475	0.54%	0.113%
56	20.245	2931	2934	2937	rBV2	16275	17254	1.44%	0.301%
57	20.321	2943	2947	2951	rBV	140007	161619	13.47%	2.822%
58	20.357	2951	2953	2954	rVV	3098	2421	0.20%	0.042%
59	20.380	2954	2957	2961	rVV	32866	31030	2.59%	0.542%
60	20.486	2968	2975	2980	rBV3	47495	72942	6.08%	1.274%
61	20.580	2986	2991	2994	rBV3	8713	12190	1.02%	0.213%
62	20.645	2999	3002	3007	rVV	78006	96465	8.04%	1.684%
63	20.692	3007	3010	3013	rVV4	9215	9401	0.78%	0.164%
64	20.739	3014	3018	3022	rVV	18116	22844	1.90%	0.399%
65	20.792	3022	3027	3032	rVV2	78375	94097	7.84%	1.643%
66	20.851	3034	3037	3041	rVV	26662	30037	2.50%	0.524%
67	20.898	3041	3045	3049	rVB	21572	25483	2.12%	0.445%
68	20.998	3059	3062	3064	rBV2	12395	14627	1.22%	0.255%
69	21.063	3069	3073	3077	rVB2	66397	72624	6.05%	1.268%
70	21.116	3079	3082	3086	rVB3	34129	35127	2.93%	0.613%
71	21.174	3089	3092	3095	rBV4	9711	10761	0.90%	0.188%

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72	21.327	3111	3118	3129	rBV	742550	1199655	100.00%	20.947%
73	21.468	3139	3142	3144	rBV3	13589	13495	1.12%	0.236%
74	21.504	3144	3148	3152	rVB2	14753	18944	1.58%	0.331%
75	21.551	3153	3156	3159	rBV2	12955	16722	1.39%	0.292%
76	21.586	3159	3162	3166	rVB	39098	44648	3.72%	0.780%
77	21.663	3172	3175	3180	rBV	48469	55551	4.63%	0.970%
78	21.721	3182	3185	3193	rVB6	23737	27525	2.29%	0.481%
79	21.786	3193	3196	3199	rBV3	22131	27744	2.31%	0.484%
80	21.821	3199	3202	3205	rVB2	13690	15743	1.31%	0.275%
81	22.192	3262	3265	3273	rVB4	16106	22217	1.85%	0.388%
82	22.363	3291	3294	3299	rVB4	24137	35008	2.92%	0.611%
83	22.910	3384	3387	3393	rBV	34332	52371	4.37%	0.914%
84	23.398	3467	3470	3476	rVB	26196	42262	3.52%	0.738%
85	23.551	3491	3496	3499	rBV	89908	158743	13.23%	2.772%
86	23.598	3499	3504	3519	rVB2	550002	1042283	86.88%	18.199%

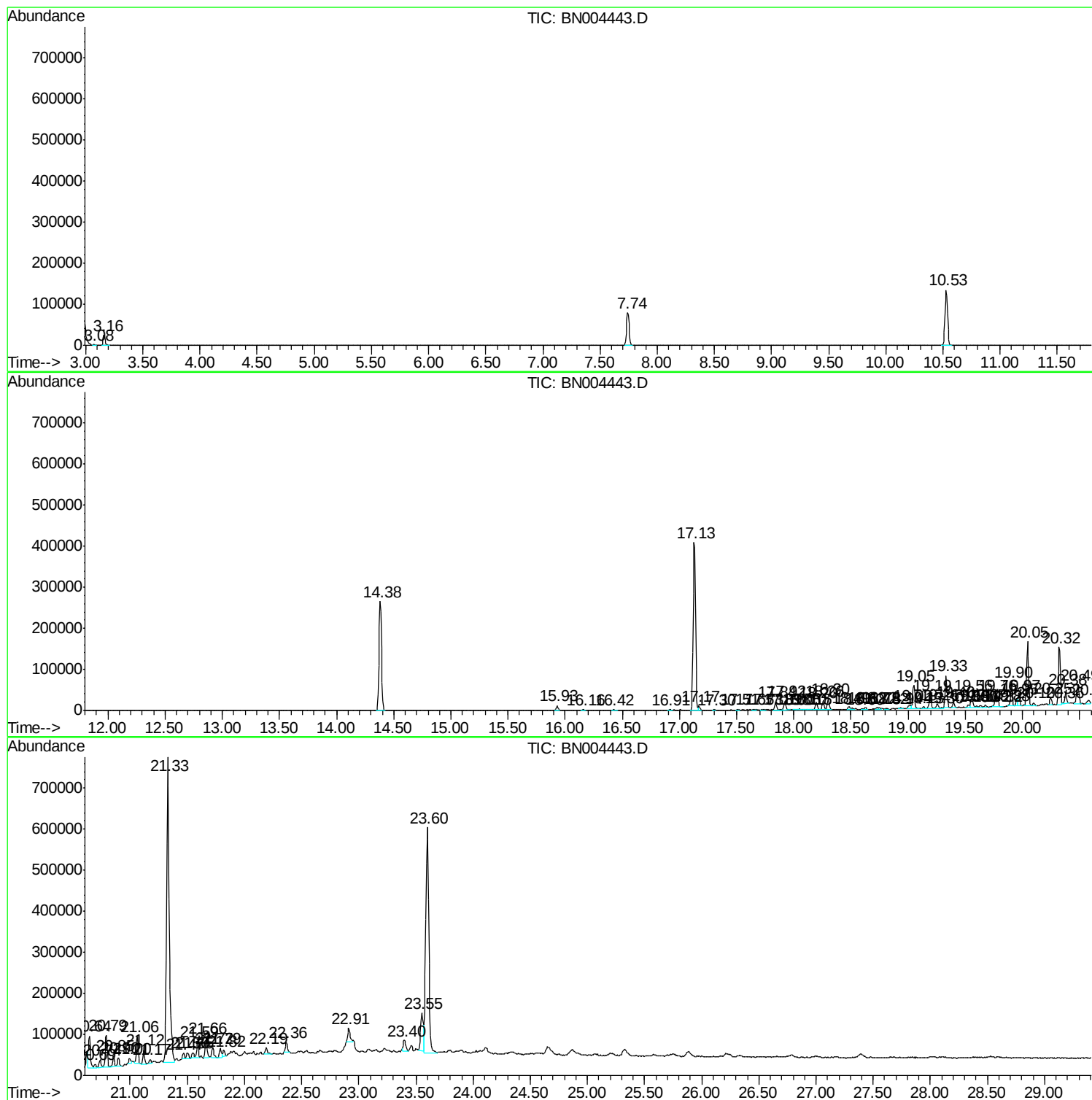
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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



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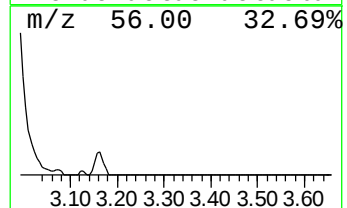
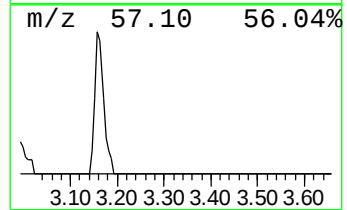
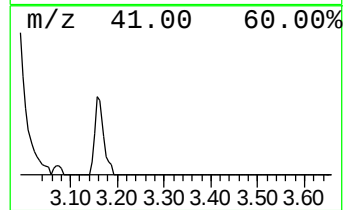
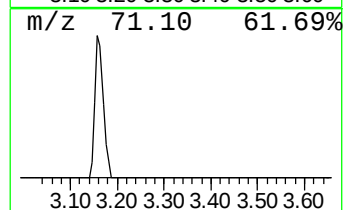
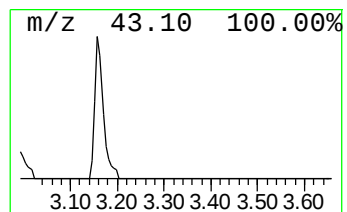
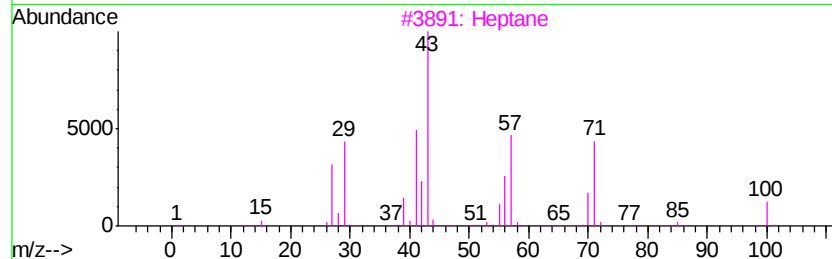
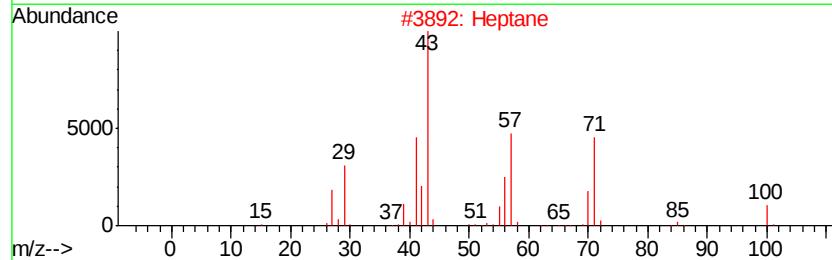
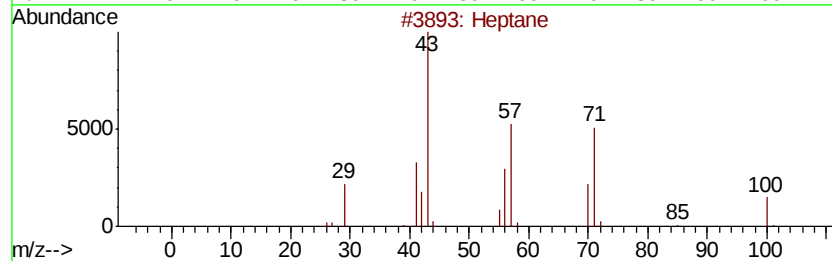
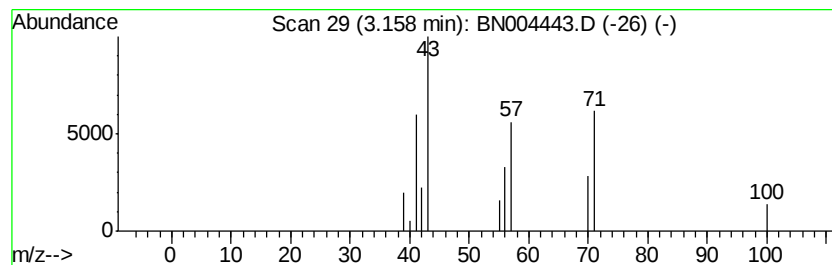
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
3.16	4.83 ng/ul	29609	1,4-Dichlorobenzene-d4	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	90
2		Heptane	100	C7H16	000142-82-5	90
3		Heptane	100	C7H16	000142-82-5	86
4		Heptane	100	C7H16	000142-82-5	78
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	38



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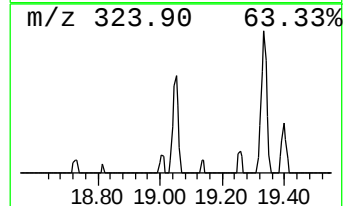
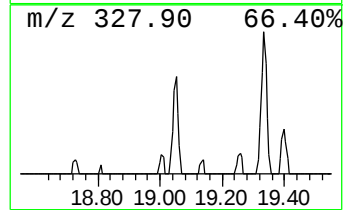
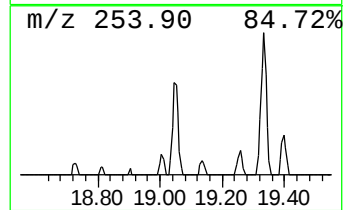
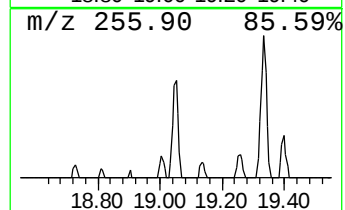
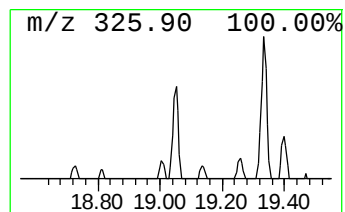
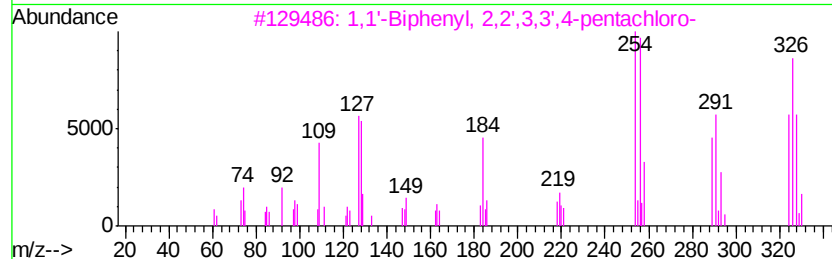
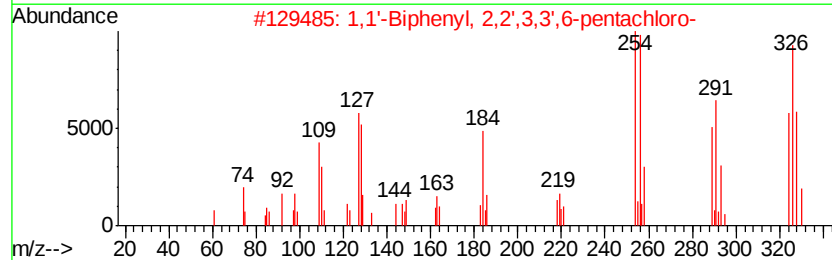
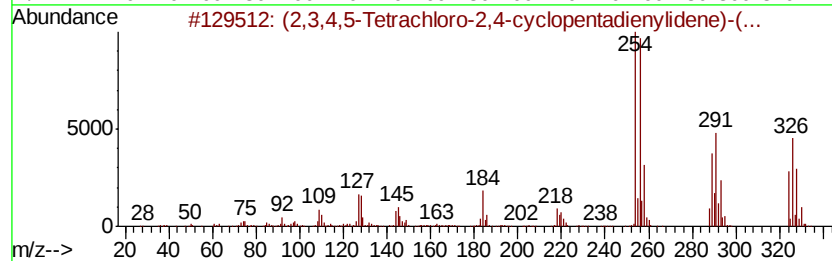
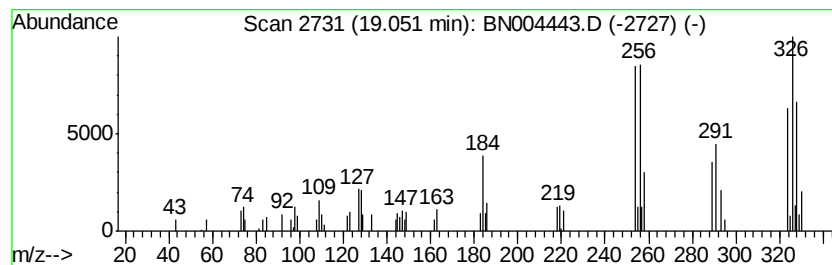
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (2,3,4,5-Tetrachloro-2,4-cy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.50 ng/ul	73511	Phenanthrene-d10	17.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99
2			1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
3			1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	96
4			1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
5			1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	96



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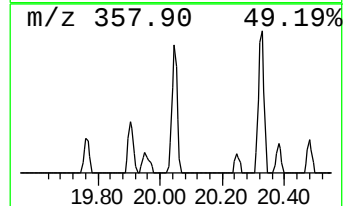
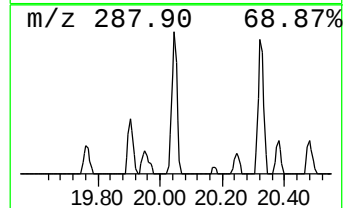
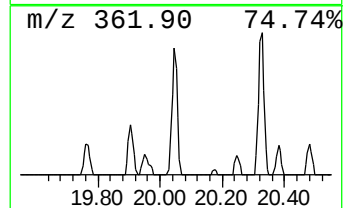
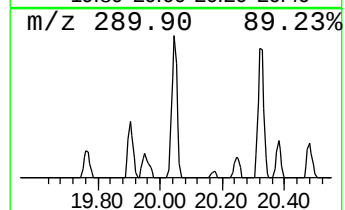
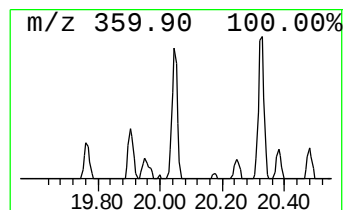
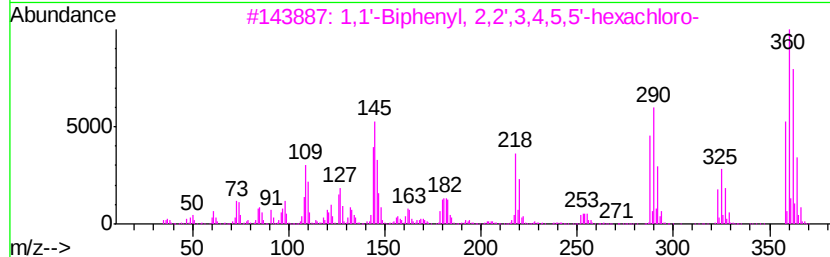
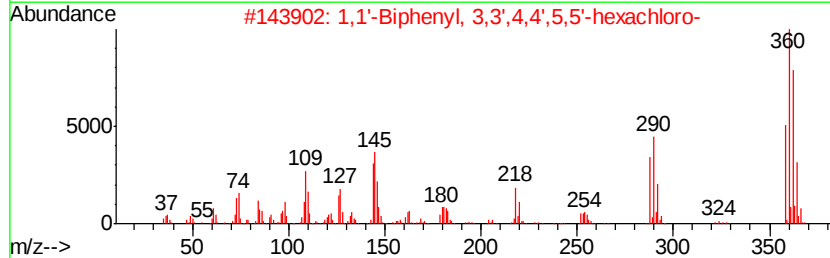
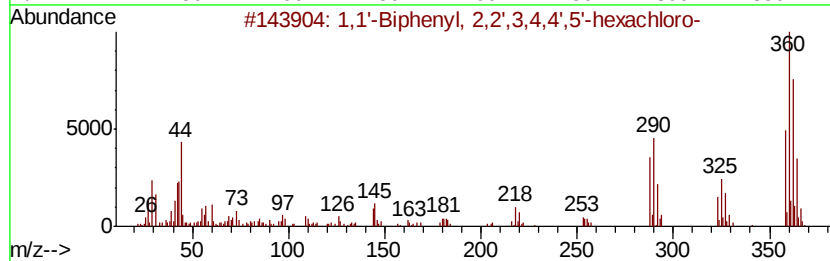
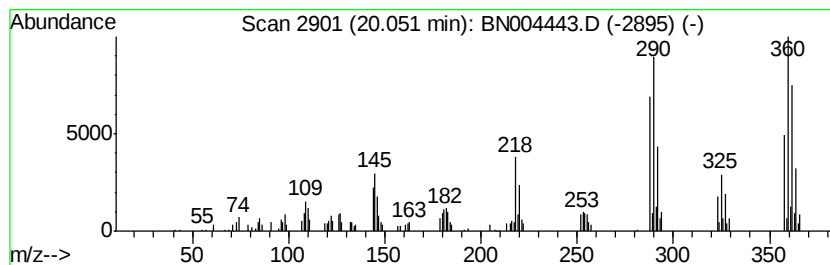
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	3.12 ng/ul	187090	Chrysene-d12	21.33

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, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99



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CB5B8

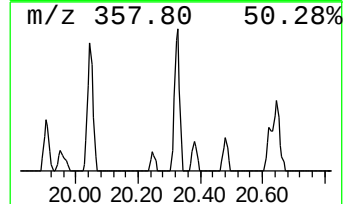
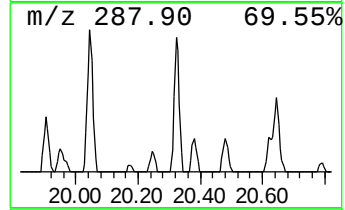
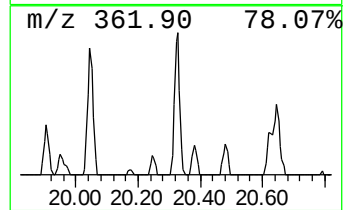
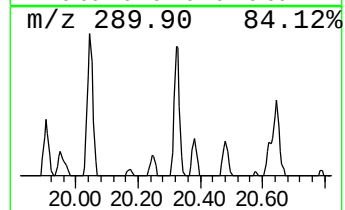
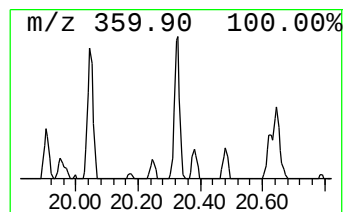
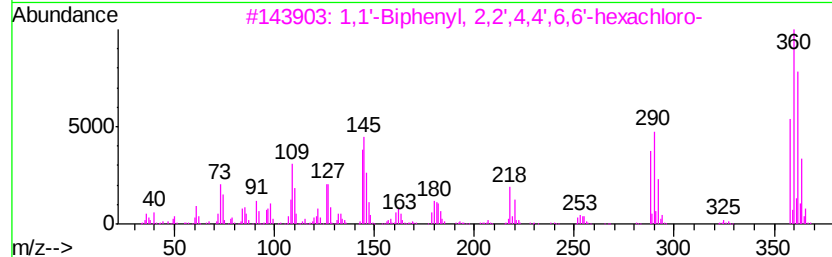
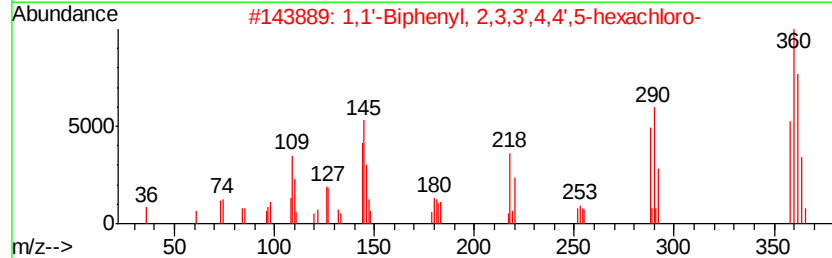
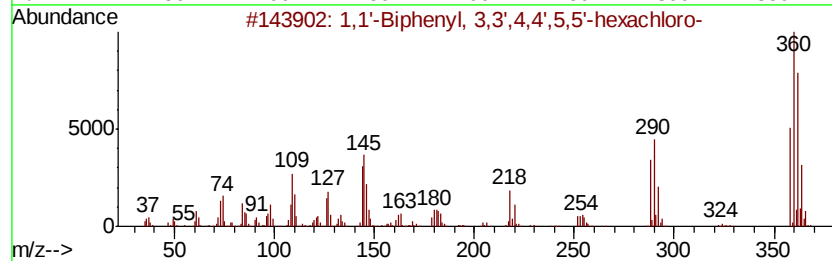
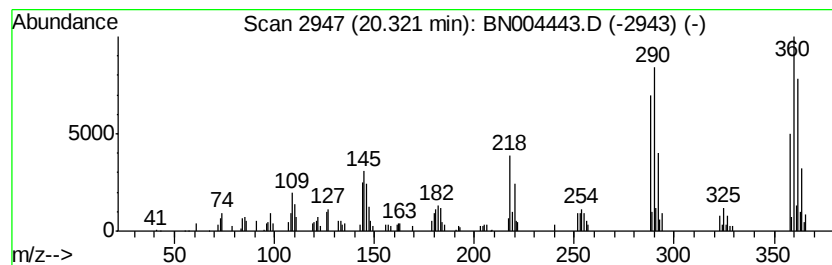
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	2.69 ng/ul	161619	Chrysene-d12	21.33

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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
4		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	97
5		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021819\
Data File : BN004443.D
Acq On : 18 Feb 2019 15:20
Operator : JU/SJ
Sample : K1492-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5B8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.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
(DEL) Alkane: Str...	3.16	4.8	ng/ul	29609	1	7.74	122491	20.0
(2,3,4,5-Tetrachl...	19.05	2.5	ng/ul	73511	4	17.13	587433	20.0
1,1'-Biphenyl, 2,...	20.05	3.1	ng/ul	187090	5	21.33	1199660	20.0
1,1'-Biphenyl, 3,...	20.32	2.7	ng/ul	161619	5	21.33	1199660	20.0