

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
 Data File : BM020503.D
 Acq On : 22 May 2019 22:11
 Operator : JU/SJ
 Sample : K2927-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4293

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-BM051619MA.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	6.852	652	657	673	rVB	191986	340513	18.95%	1.711%
2	7.016	681	685	696	rVB	144360	241443	13.44%	1.213%
3	7.210	712	718	725	rVB	212223	336239	18.71%	1.690%
4	7.675	792	797	805	rVB	247936	391648	21.80%	1.968%
5	8.393	913	919	934	rVB	204775	353397	19.67%	1.776%
6	8.846	990	996	1009	rVB	174574	311544	17.34%	1.566%
7	9.563	1112	1118	1128	rBV	155235	257406	14.32%	1.294%
8	10.099	1203	1209	1218	rBV	234318	400317	22.28%	2.012%
9	10.469	1266	1272	1278	rBV	332850	535116	29.78%	2.689%
10	10.522	1278	1281	1287	rVB2	12877	18080	1.01%	0.091%
11	10.622	1293	1298	1313	rBV	88926	188723	10.50%	0.948%
12	12.004	1526	1533	1540	rBV	40361	66015	3.67%	0.332%
13	12.063	1540	1543	1547	rVB	3027	4177	0.23%	0.021%
14	12.145	1553	1557	1562	rVB2	4862	7230	0.40%	0.036%
15	12.363	1590	1594	1598	rVB3	3929	6242	0.35%	0.031%
16	13.651	1808	1813	1817	rVB2	2443	4411	0.25%	0.022%
17	13.751	1824	1830	1834	rVV	429732	569962	31.72%	2.864%
18	13.798	1834	1838	1847	rVB	122001	166343	9.26%	0.836%
19	14.034	1871	1878	1892	rBV	448812	717293	39.92%	3.605%
20	14.210	1901	1908	1915	rBV4	10909	25658	1.43%	0.129%
21	14.339	1924	1930	1936	rBV2	483006	730483	40.65%	3.671%
22	14.398	1936	1940	1946	rVB	23587	34027	1.89%	0.171%
23	14.569	1962	1969	1986	rBV	92900	185520	10.32%	0.932%
24	14.739	1993	1998	2003	rBV	19771	28681	1.60%	0.144%
25	15.122	2059	2063	2067	rVB3	2638	4050	0.23%	0.020%
26	15.169	2067	2071	2074	rVV2	3479	4359	0.24%	0.022%
27	15.216	2076	2079	2084	rVB2	4408	4755	0.26%	0.024%
28	15.333	2092	2099	2105	rBV	597673	846714	47.12%	4.255%
29	15.392	2105	2109	2119	rVB2	31483	50286	2.80%	0.253%
30	15.481	2119	2124	2130	rBV	109127	153251	8.53%	0.770%
31	15.557	2132	2137	2138	rVV3	4159	6158	0.34%	0.031%
32	15.575	2138	2140	2142	rVV	5902	5938	0.33%	0.030%
33	15.592	2142	2143	2147	rVV3	3749	4084	0.23%	0.021%
34	15.681	2155	2158	2164	rVV3	7219	11027	0.61%	0.055%

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Instrument :
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Integration Parameters: LSCINT.P

Integrator: RTE
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35	15.833	2179	2184	2186	rVV3	6282	8615	0.48%	0.043%
36	16.033	2215	2218	2221	rVV2	4387	6311	0.35%	0.032%
37	16.069	2221	2224	2229	rVV5	4761	7966	0.44%	0.040%
38	16.398	2272	2280	2284	rBV5	7393	15764	0.88%	0.079%
39	16.451	2284	2289	2292	rVB2	3437	5312	0.30%	0.027%
40	16.622	2311	2318	2320	rBV4	5451	8731	0.49%	0.044%
41	16.663	2320	2325	2328	rBV4	5900	8658	0.48%	0.044%
42	16.751	2336	2340	2347	rVB2	18399	29241	1.63%	0.147%
43	16.822	2347	2352	2358	rBV5	8211	17134	0.95%	0.086%
44	16.869	2358	2360	2363	rVV	3669	4157	0.23%	0.021%
45	16.910	2363	2367	2374	rVB	12480	18362	1.02%	0.092%
46	17.092	2392	2398	2402	rBV	689743	952047	52.98%	4.785%
47	17.133	2402	2405	2410	rVV	325950	440638	24.52%	2.215%
48	17.192	2410	2415	2419	rVV	672030	953686	53.07%	4.793%
49	17.222	2419	2420	2426	rVV	98202	111275	6.19%	0.559%
50	17.292	2430	2432	2436	rVV3	8948	10540	0.59%	0.053%
51	17.369	2440	2445	2446	rVV5	4021	5270	0.29%	0.026%
52	17.463	2458	2461	2464	rVV2	5301	7356	0.41%	0.037%
53	17.504	2464	2468	2474	rVV2	20642	37425	2.08%	0.188%
54	17.563	2476	2478	2482	rVV4	5463	7030	0.39%	0.035%
55	17.610	2482	2486	2492	rVB3	9234	11547	0.64%	0.058%
56	17.675	2492	2497	2502	rBV4	8541	16399	0.91%	0.082%
57	17.810	2516	2520	2524	rBV5	3990	7568	0.42%	0.038%
58	17.892	2531	2534	2537	rBV4	5998	7821	0.44%	0.039%
59	17.969	2541	2547	2551	rVV3	75576	116105	6.46%	0.584%
60	18.016	2551	2555	2559	rVV	65114	96955	5.40%	0.487%
61	18.051	2559	2561	2565	rVV	8237	9190	0.51%	0.046%
62	18.098	2565	2569	2574	rVV	24345	31939	1.78%	0.161%
63	18.163	2574	2580	2584	rVV3	72595	134758	7.50%	0.677%
64	18.198	2584	2586	2591	rVB3	36210	42031	2.34%	0.211%
65	18.322	2604	2607	2611	rBV5	4283	6461	0.36%	0.032%
66	18.369	2611	2615	2617	rVB5	5553	7597	0.42%	0.038%
67	18.398	2617	2620	2623	rBV4	4840	6422	0.36%	0.032%
68	18.469	2627	2632	2637	rBV	36361	51687	2.88%	0.260%
69	18.522	2637	2641	2647	rVB	31088	43062	2.40%	0.216%
70	18.586	2650	2652	2657	rBV4	3974	6135	0.34%	0.031%
71	18.686	2666	2669	2671	rBV3	7989	9730	0.54%	0.049%

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72	18.710	2671	2673	2678	rVV4	12103	18682	1.04%	0.094%
73	18.763	2679	2682	2686	rVV	14771	19772	1.10%	0.099%
74	18.810	2686	2690	2693	rBV4	14819	19320	1.08%	0.097%
75	18.886	2699	2703	2707	rBV	46406	78708	4.38%	0.396%
76	18.951	2709	2714	2717	rVV4	16380	33434	1.86%	0.168%
77	19.039	2723	2729	2736	rBV2	45774	85765	4.77%	0.431%
78	19.157	2740	2749	2756	rBV	649228	889794	49.52%	4.472%
79	19.257	2762	2766	2769	rBV5	25056	32591	1.81%	0.164%
80	19.304	2771	2774	2779	rBV	26338	38174	2.12%	0.192%
81	19.380	2785	2787	2788	rBV2	10604	8075	0.45%	0.041%
82	19.492	2800	2806	2809	rBV	970130	1397444	77.77%	7.023%
83	19.521	2809	2811	2818	rVV	583693	672347	37.42%	3.379%
84	19.592	2819	2823	2829	rVB	43696	62123	3.46%	0.312%
85	19.704	2839	2842	2846	rVB	34822	47239	2.63%	0.237%
86	19.763	2848	2852	2856	rBV5	18511	32627	1.82%	0.164%
87	19.839	2860	2865	2873	rBV6	54213	148211	8.25%	0.745%
88	19.986	2885	2890	2891	rBV3	44539	64676	3.60%	0.325%
89	20.016	2892	2895	2900	rVB	97029	130856	7.28%	0.658%
90	20.116	2909	2912	2916	rBV2	49091	64762	3.60%	0.325%
91	20.174	2916	2922	2926	rBV2	79409	133274	7.42%	0.670%
92	20.316	2942	2946	2949	rBV	58657	82544	4.59%	0.415%
93	20.363	2951	2954	2957	rVB	49844	62454	3.48%	0.314%
94	20.768	3020	3023	3028	rVB	71459	93208	5.19%	0.468%
95	20.974	3055	3058	3061	rBV2	86196	114570	6.38%	0.576%
96	21.286	3104	3111	3115	rBV2	1038924	1796918	100.00%	9.031%
97	21.321	3115	3117	3128	rVB	354783	420395	23.40%	2.113%
98	22.862	3374	3379	3390	rVB	405011	1014569	56.46%	5.099%
99	23.392	3464	3469	3474	rBV2	547948	948061	52.76%	4.765%
100	23.539	3488	3494	3500	rBV	613137	1115058	62.05%	5.604%

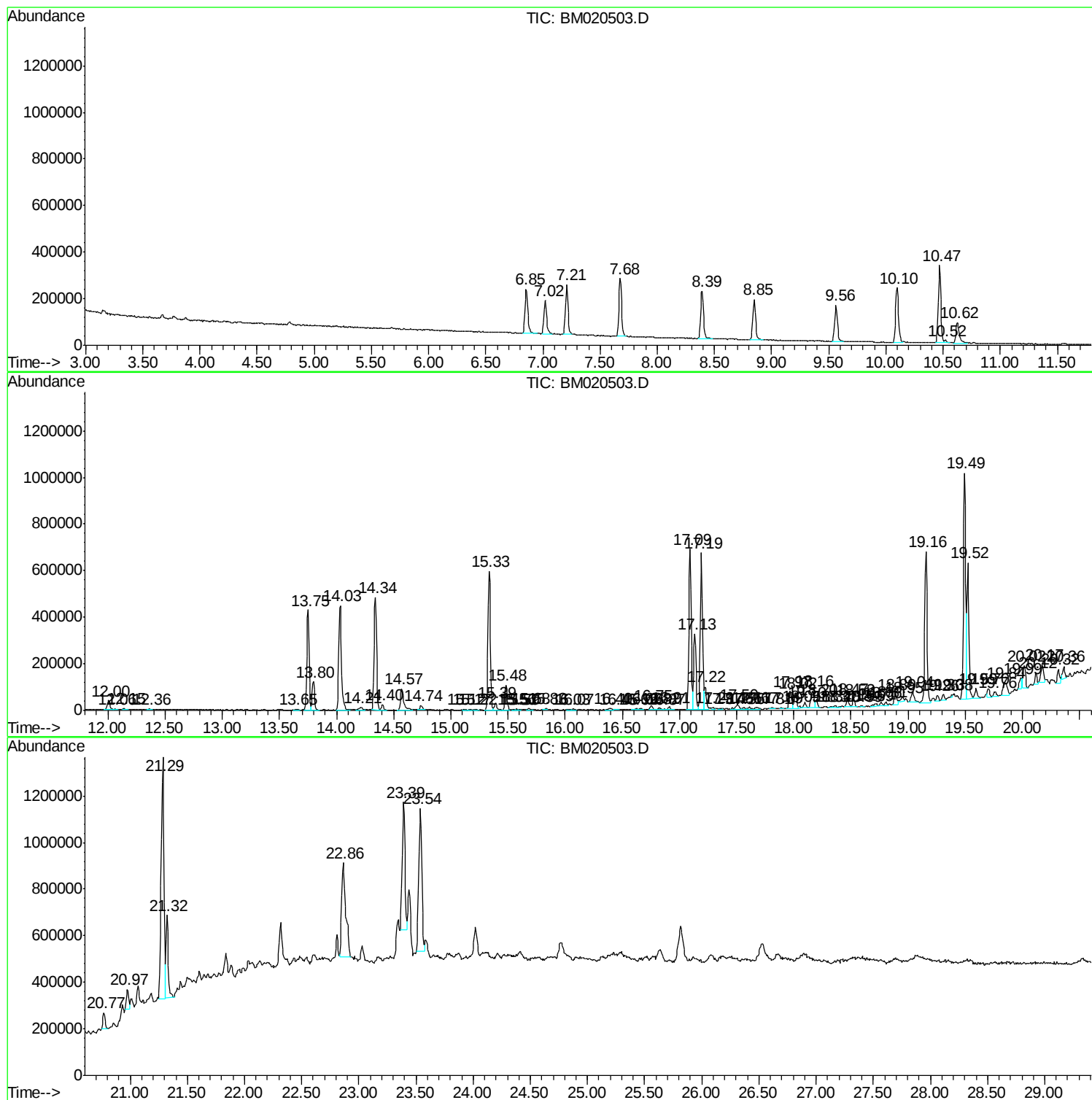
Sum of corrected areas: 19897666

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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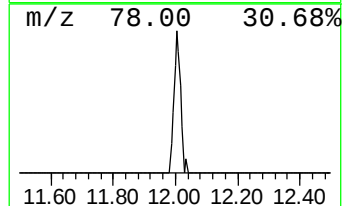
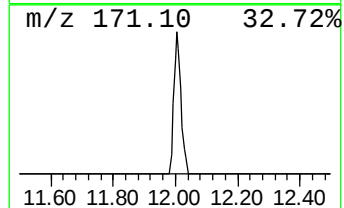
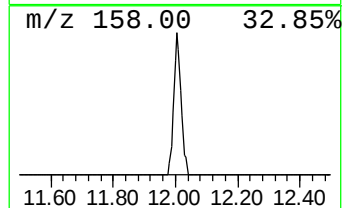
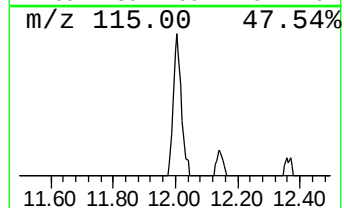
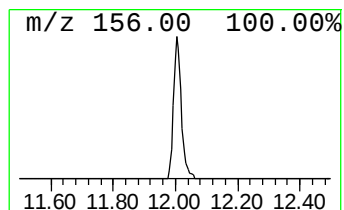
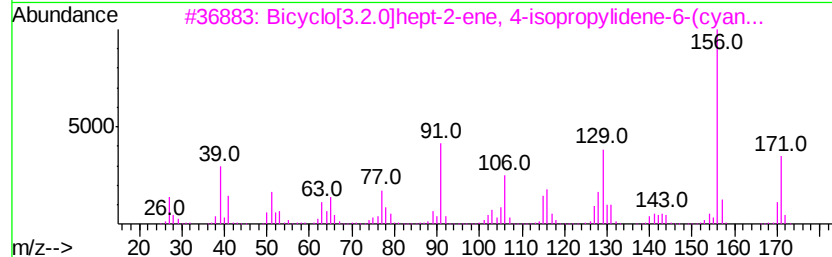
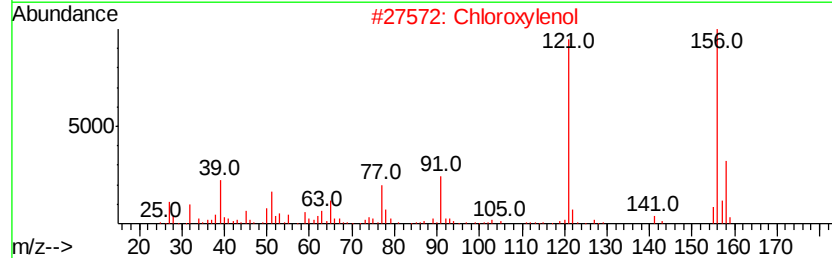
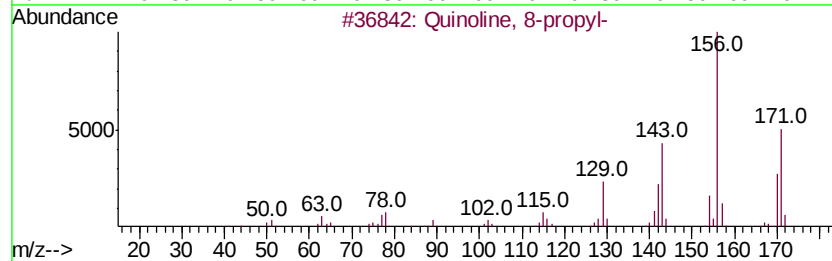
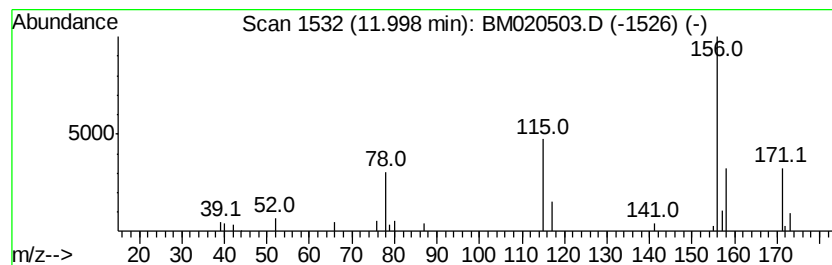
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.47 ng/ul	66015	Napthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Quinoline, 8-propyl-	171	C12H13N	007661-53-2	43
2		Chloroxvlenol	156	C8H9ClO	000088-04-0	32
3		Bicvclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
4		2-Acetyl-5-nitrothiophene	171	C6H5NO3S	039565-00-9	32
5		2,2'-Bipyridine	156	C10H8N2	000366-18-7	25



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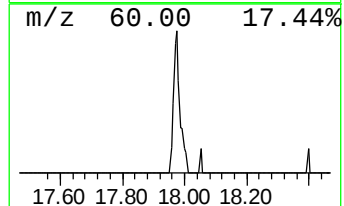
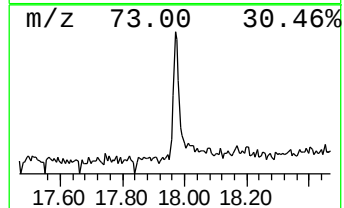
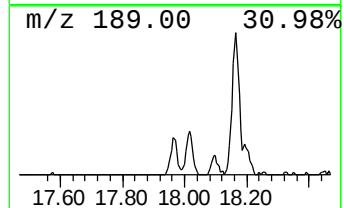
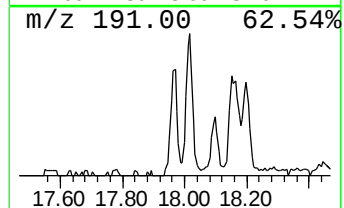
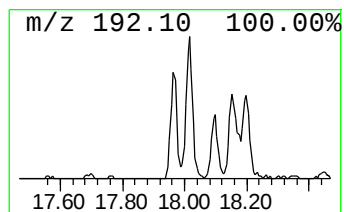
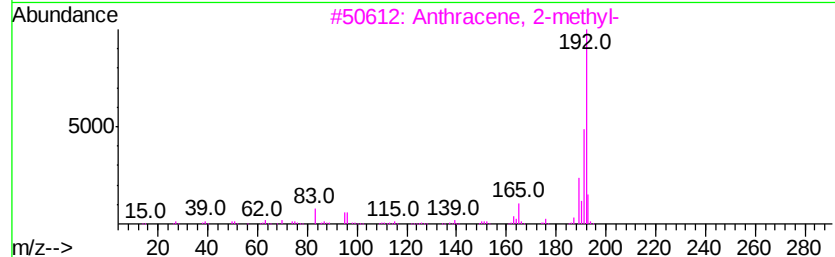
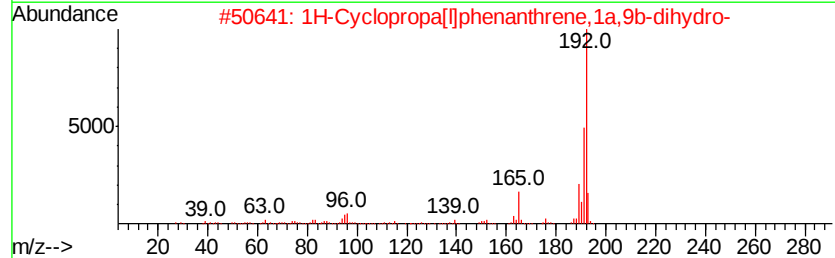
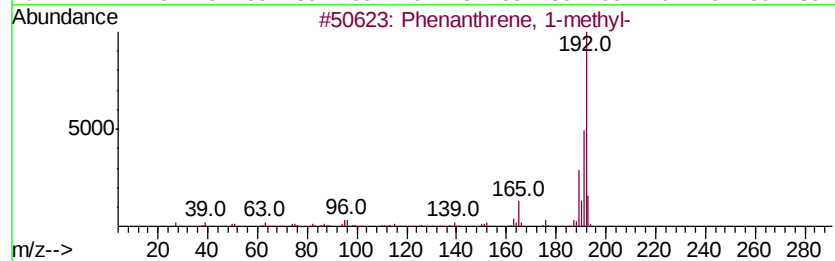
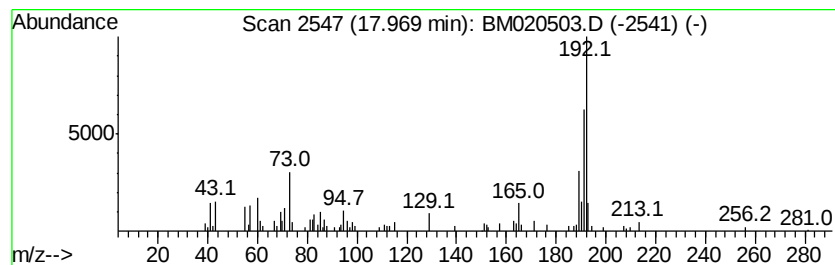
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.97	2.44 ng/ul	116105	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86



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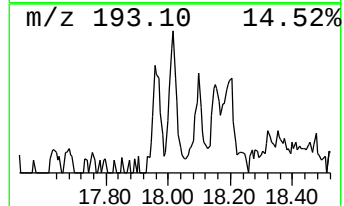
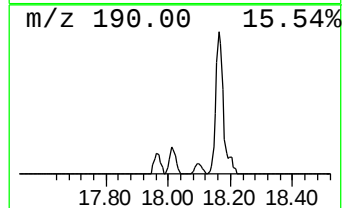
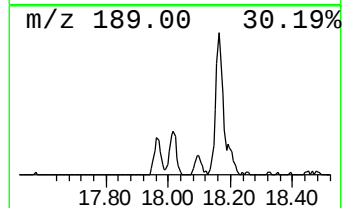
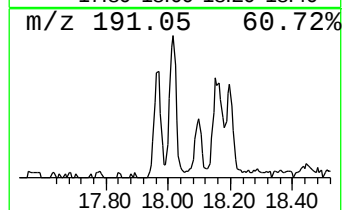
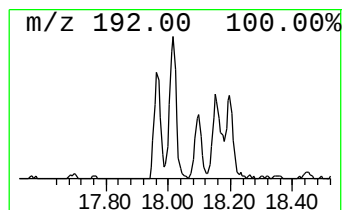
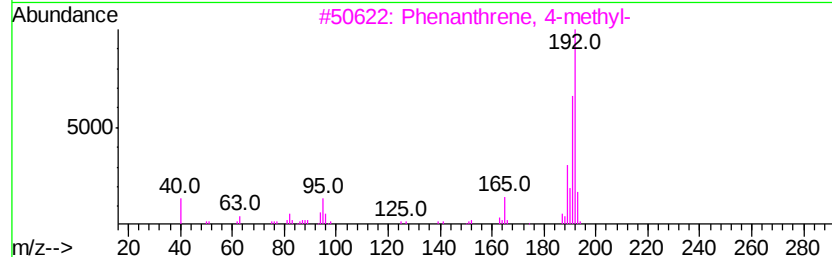
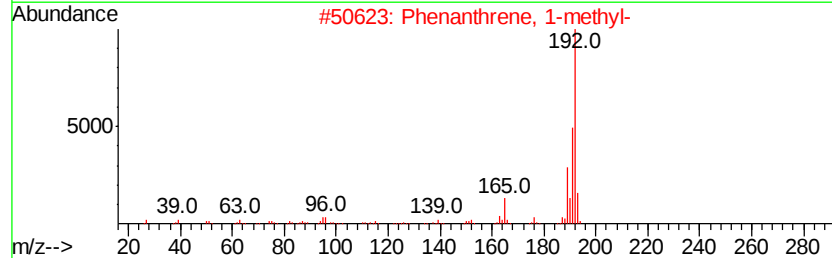
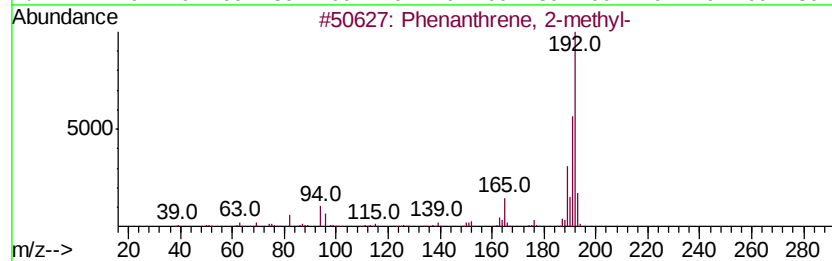
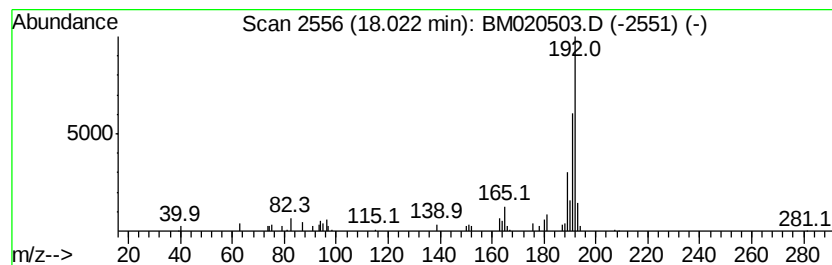
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.02	2.04 ng/ul	96955	Phenanthrene-d10		17.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97	
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95	
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020503.D
Acq On : 22 May 2019 22:11
Operator : JU/SJ
Sample : K2927-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

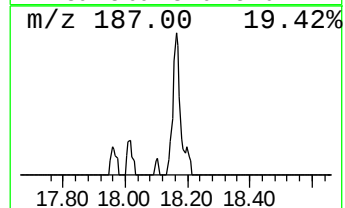
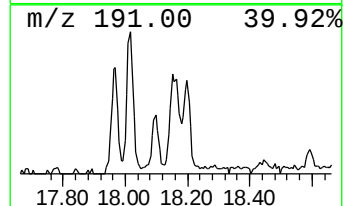
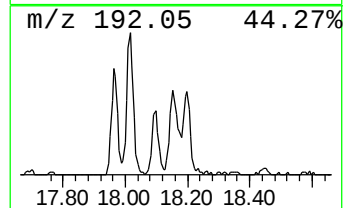
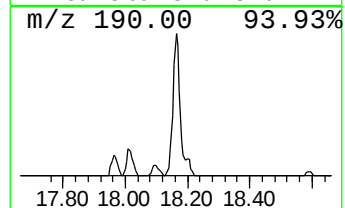
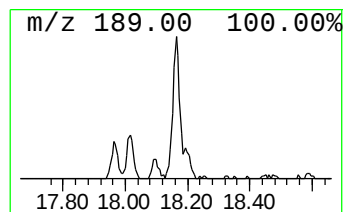
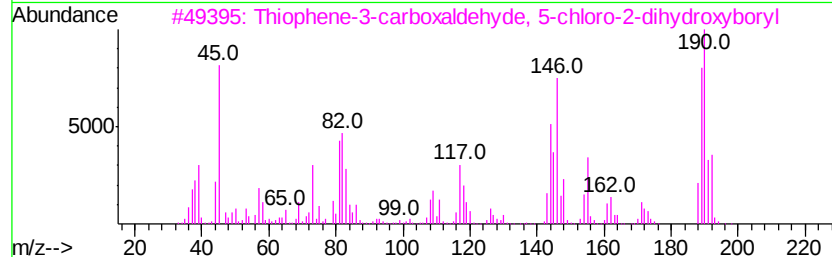
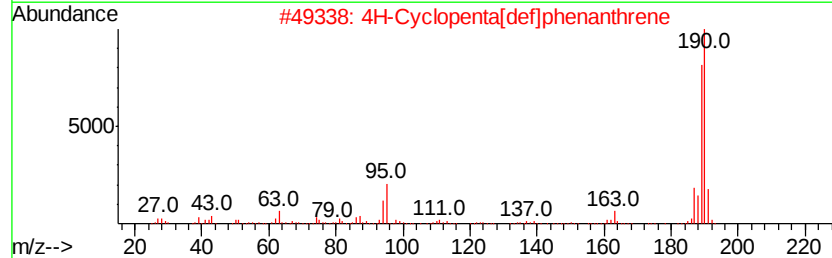
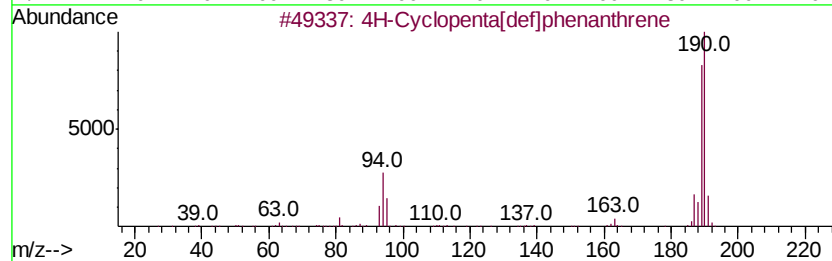
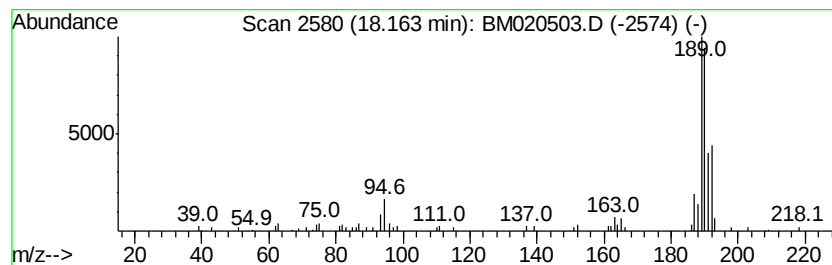
Instrument :
BNA_M
ClientSampleId :
A4293

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.16	2.83 ng/ul	134758	Phenanthrene-d10	17.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58	
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	53	
4	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53	
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052219\
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Sample : K2927-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4293

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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
unknown-01	12.00	2.5	ng/ul	66015	2	10.47	535116	20.0
Phenanthrene, 1-m...	17.97	2.4	ng/ul	116105	4	17.09	952047	20.0
Phenanthrene, 2-m...	18.02	2.0	ng/ul	96955	4	17.09	952047	20.0
4H-Cyclopenta[def...	18.16	2.8	ng/ul	134758	4	17.09	952047	20.0