

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023395.D
 Acq On : 25 Oct 2019 04:49
 Operator : JU
 Sample : K5403-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB94

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	3.046	8	10	13	rVB2	60155	62282	0.76%	0.090%
2	3.087	13	17	22	rVB	1388217	1366102	16.66%	1.984%
3	3.410	70	72	78	rVB2	94561	116684	1.42%	0.169%
4	3.875	148	151	156	rVB2	58868	81432	0.99%	0.118%
5	4.516	258	260	264	rVB3	31069	36659	0.45%	0.053%
6	4.716	290	294	299	rVB2	25464	39900	0.49%	0.058%
7	6.140	532	536	542	rVB	43682	69804	0.85%	0.101%
8	6.657	622	624	628	rVB4	14599	18550	0.23%	0.027%
9	6.740	634	638	643	rVB5	16576	23983	0.29%	0.035%
10	6.792	643	647	653	rVB6	16173	28077	0.34%	0.041%
11	7.034	685	688	693	rVB7	8244	13650	0.17%	0.020%
12	7.287	727	731	736	rVB6	21335	30418	0.37%	0.044%
13	7.634	782	790	802	rBV	2679923	4107046	50.10%	5.966%
14	7.775	809	814	819	rVB7	11227	24223	0.30%	0.035%
15	8.010	852	854	858	rVB5	10987	12416	0.15%	0.018%
16	8.187	882	884	889	rVB6	15748	18020	0.22%	0.026%
17	8.275	894	899	904	rVB6	10059	20485	0.25%	0.030%
18	8.745	971	979	984	rBV9	15504	29289	0.36%	0.043%
19	8.875	998	1001	1007	rVB3	19618	28192	0.34%	0.041%
20	9.575	1115	1120	1123	rVV6	10513	14538	0.18%	0.021%
21	9.828	1157	1163	1166	rBV5	12344	18898	0.23%	0.027%
22	10.128	1209	1214	1219	rVB6	8989	19206	0.23%	0.028%
23	10.281	1238	1240	1244	rBV5	7432	11592	0.14%	0.017%
24	10.416	1254	1263	1270	rBV	3332530	5612554	68.46%	8.153%
25	10.463	1270	1271	1277	rVB	60731	69473	0.85%	0.101%
26	10.551	1282	1286	1293	rVV8	10519	24142	0.29%	0.035%
27	10.680	1301	1308	1314	rVB8	11702	27414	0.33%	0.040%
28	10.904	1341	1346	1349	rVV7	10424	16823	0.21%	0.024%
29	11.045	1368	1370	1374	rBV5	6711	10953	0.13%	0.016%
30	11.122	1378	1383	1388	rVV6	10806	17290	0.21%	0.025%
31	11.475	1437	1443	1447	rBV7	11320	21311	0.26%	0.031%
32	11.874	1508	1511	1515	rVB5	11358	14094	0.17%	0.020%
33	12.010	1530	1534	1541	rBV10	5823	12464	0.15%	0.018%
34	12.086	1541	1547	1552	rVB	40722	65980	0.80%	0.096%

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35	12.310	1580	1585	1592	rBV	46307	79068	0.96%	0.115%
36	12.704	1647	1652	1654	rBV5	9638	13538	0.17%	0.020%
37	13.074	1711	1715	1719	rBV3	45576	70970	0.87%	0.103%
38	13.121	1719	1723	1730	rVB5	25857	55246	0.67%	0.080%
39	13.310	1750	1755	1759	rBV2	31344	60826	0.74%	0.088%
40	13.457	1772	1780	1786	rBV4	20291	57933	0.71%	0.084%
41	13.610	1800	1806	1810	rBV3	43837	75378	0.92%	0.109%
42	13.663	1810	1815	1819	rVB4	29062	38973	0.48%	0.057%
43	13.716	1819	1824	1830	rVB10	14915	28008	0.34%	0.041%
44	13.798	1832	1838	1841	rVB7	15755	23921	0.29%	0.035%
45	13.839	1841	1845	1849	rBV	34030	53319	0.65%	0.077%
46	14.004	1866	1873	1880	rBV2	48798	95355	1.16%	0.139%
47	14.092	1885	1888	1891	rVB5	10617	12770	0.16%	0.019%
48	14.121	1891	1893	1897	rBV5	13625	18573	0.23%	0.027%
49	14.210	1903	1908	1912	rBV4	26618	40255	0.49%	0.058%
50	14.286	1913	1921	1927	rBV	4817194	6971487	85.04%	10.126%
51	14.351	1927	1932	1935	rVV	43513	56649	0.69%	0.082%
52	14.492	1953	1956	1958	rBV3	18343	22362	0.27%	0.032%
53	14.610	1970	1976	1981	rBV5	36273	67238	0.82%	0.098%
54	14.686	1983	1989	1996	rVB	134970	209037	2.55%	0.304%
55	14.768	2000	2003	2007	rVB4	26878	29779	0.36%	0.043%
56	14.833	2011	2014	2020	rBV8	15072	19935	0.24%	0.029%
57	14.910	2022	2027	2033	rBV8	29635	61280	0.75%	0.089%
58	14.963	2033	2036	2040	rVB4	27468	33242	0.41%	0.048%
59	15.080	2053	2056	2059	rBV5	29791	41006	0.50%	0.060%
60	15.168	2067	2071	2078	rBV3	32086	61134	0.75%	0.089%
61	15.333	2094	2099	2105	rBV	354201	511426	6.24%	0.743%
62	15.498	2124	2127	2133	rVB4	55840	78008	0.95%	0.113%
63	15.580	2137	2141	2145	rVV5	39297	68416	0.83%	0.099%
64	15.633	2146	2150	2157	rVB	75971	125316	1.53%	0.182%
65	15.780	2171	2175	2182	rBV	83434	148871	1.82%	0.216%
66	16.033	2213	2218	2220	rBV4	55863	94573	1.15%	0.137%
67	16.345	2268	2271	2275	rVB3	80951	106727	1.30%	0.155%
68	16.486	2293	2295	2301	rVB3	30696	38701	0.47%	0.056%
69	16.574	2307	2310	2313	rBV4	48202	64267	0.78%	0.093%
70	16.627	2313	2319	2326	rVB2	277648	439980	5.37%	0.639%
71	16.768	2340	2343	2349	rBV3	39889	82066	1.00%	0.119%

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72	16.821	2349	2352	2353	rBV2	41720	41518	0.51%	0.060%
73	16.851	2353	2357	2360	rVV	98335	131994	1.61%	0.192%
74	17.033	2382	2388	2391	rBV	4317880	6129124	74.76%	8.903%
75	17.074	2391	2395	2402	rVB	4174257	5654161	68.97%	8.213%
76	17.162	2407	2410	2415	rVV	96795	139929	1.71%	0.203%
77	17.215	2417	2419	2427	rVB6	54546	103430	1.26%	0.150%
78	17.556	2474	2477	2481	rVB2	142695	170324	2.08%	0.247%
79	17.751	2507	2510	2517	rVB7	99231	154174	1.88%	0.224%
80	17.909	2533	2537	2541	rBV	321756	414332	5.05%	0.602%
81	17.956	2541	2545	2550	rVB	427345	578346	7.05%	0.840%
82	18.104	2564	2570	2574	rBV4	790627	1252312	15.28%	1.819%
83	18.139	2574	2576	2579	rVV	205579	252112	3.08%	0.366%
84	18.168	2579	2581	2585	rVB	176846	193867	2.36%	0.282%
85	18.209	2585	2588	2594	rVB3	134476	169086	2.06%	0.246%
86	18.415	2617	2623	2627	rBV	316151	526729	6.43%	0.765%
87	18.715	2671	2674	2678	rBV3	96468	131072	1.60%	0.190%
88	18.833	2692	2694	2699	rVB	155953	190139	2.32%	0.276%
89	18.968	2714	2717	2724	rVB6	190656	285829	3.49%	0.415%
90	19.098	2733	2739	2745	rVB	6176923	8197993	100.00%	11.908%
91	19.162	2747	2750	2754	rBV4	186049	276638	3.37%	0.402%
92	19.245	2761	2764	2769	rVB2	191267	239584	2.92%	0.348%
93	19.433	2791	2796	2797	rBV	610276	848264	10.35%	1.232%
94	19.456	2797	2800	2806	rVB	1420354	1898958	23.16%	2.758%
95	19.645	2828	2832	2836	rBV	260440	406486	4.96%	0.590%
96	19.956	2882	2885	2890	rVB	699991	970312	11.84%	1.409%
97	20.056	2899	2902	2906	rBV	502834	631113	7.70%	0.917%
98	21.227	3094	3101	3104	rBV2	4590388	7511946	91.63%	10.911%
99	21.262	3104	3107	3114	rVB	1839599	2354618	28.72%	3.420%
100	23.427	3469	3475	3484	rVB	3783097	6850400	83.56%	9.951%

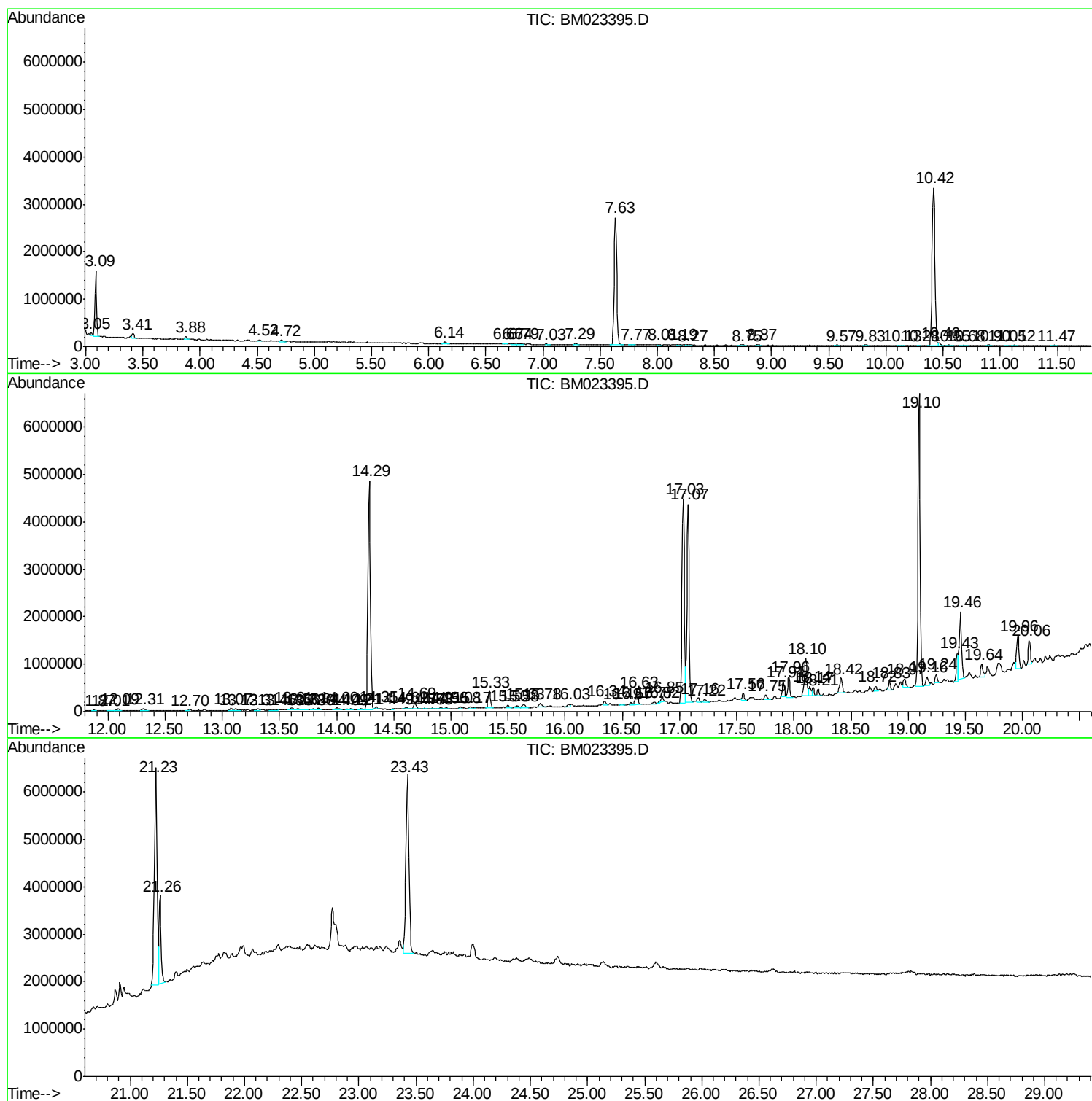
Sum of corrected areas: 68844367

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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



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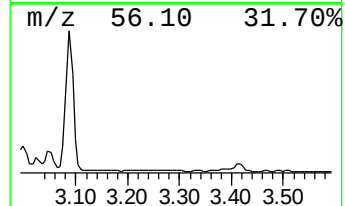
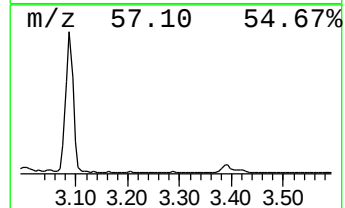
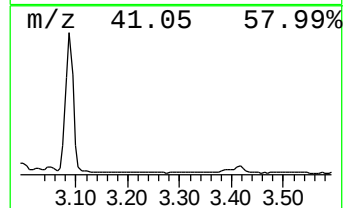
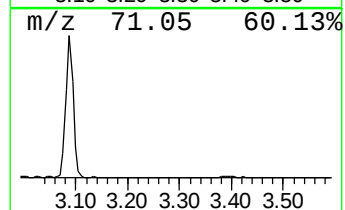
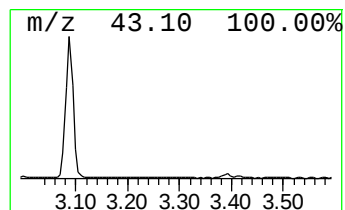
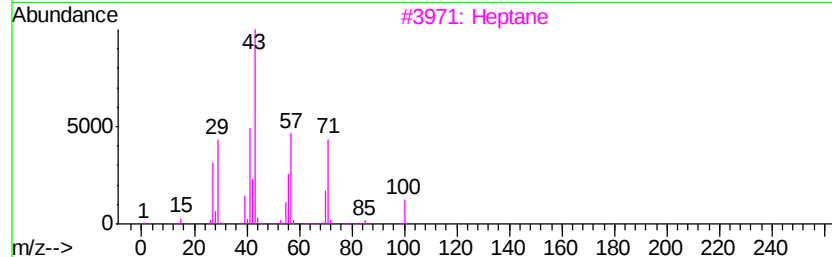
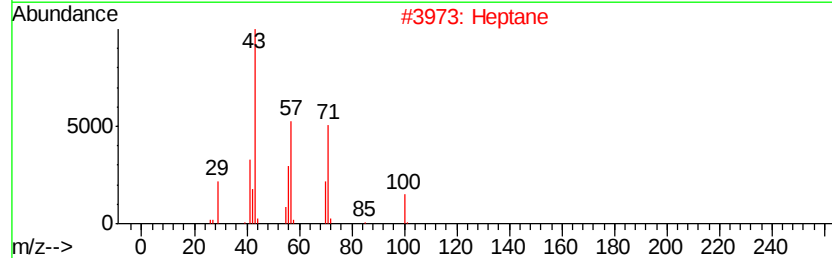
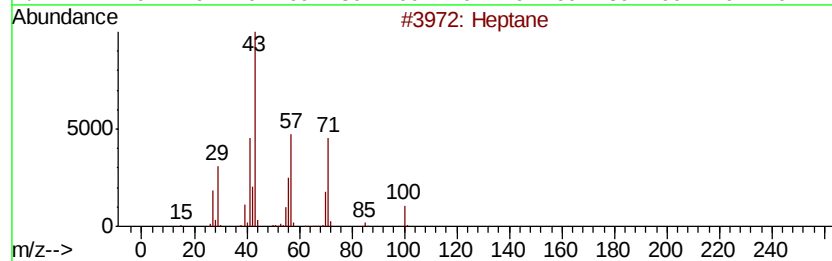
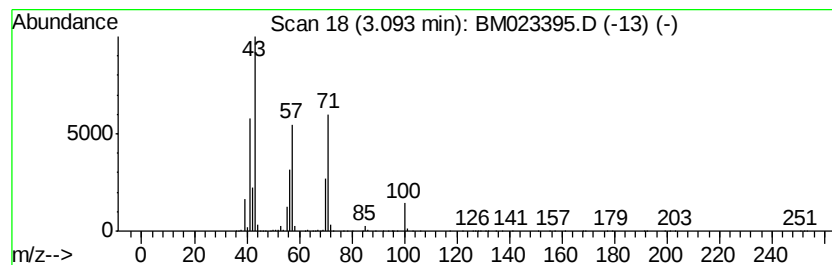
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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.
3.09	6.65 ng/ul	1366100	1,4-Dichlorobenzene-d4	7.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	95
2	Heptane			100	C7H16	000142-82-5	91
3	Heptane			100	C7H16	000142-82-5	90
4	Heptane			100	C7H16	000142-82-5	80
5	2-Butanone, 3,3-dimethyl-			100	C6H12O	000075-97-8	43



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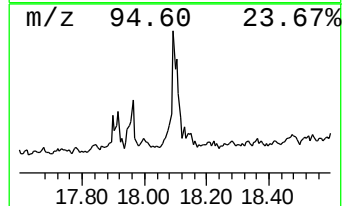
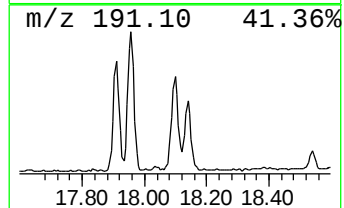
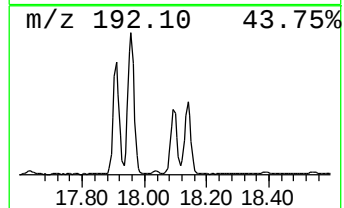
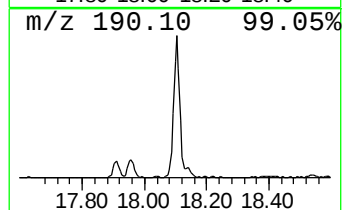
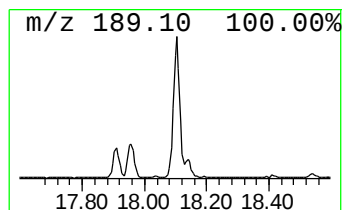
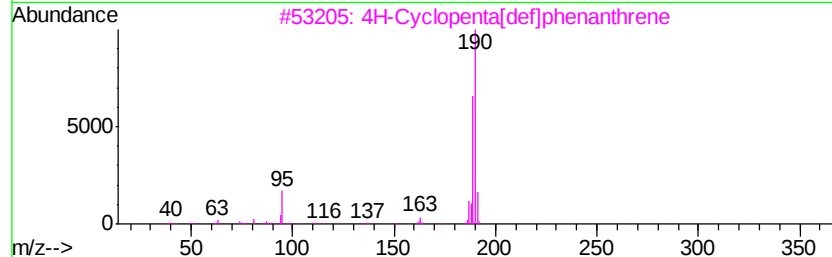
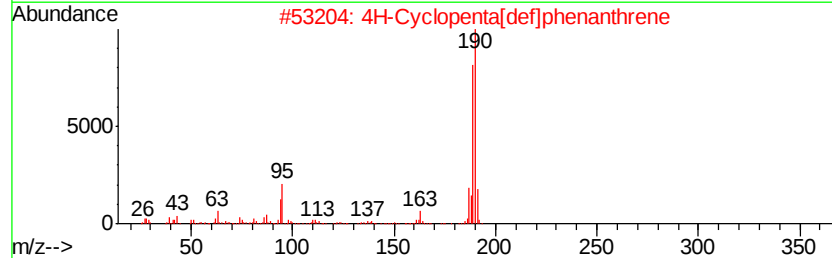
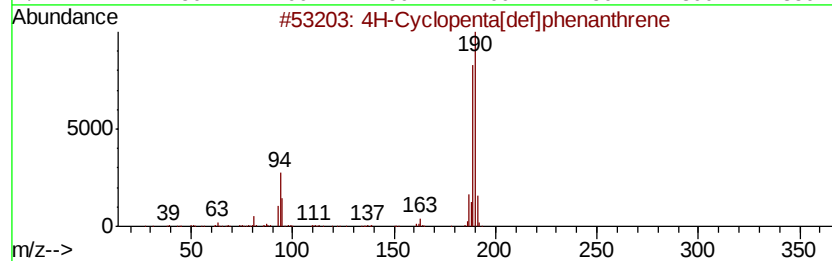
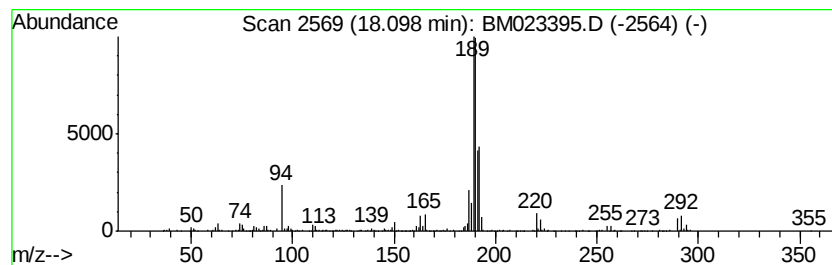
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.10	4.09 ng/ul	1252310	Phenanthrene-d10	17.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58	
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58	
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	49	
5	Methyl diselenide	190	C2H6Se2	007101-31-7	46	



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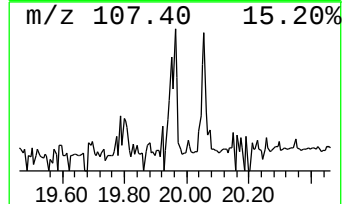
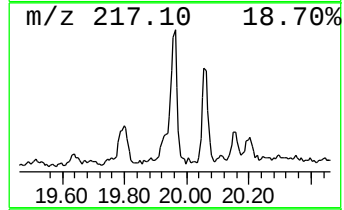
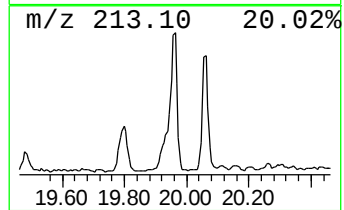
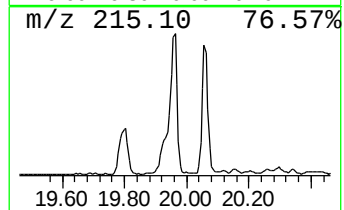
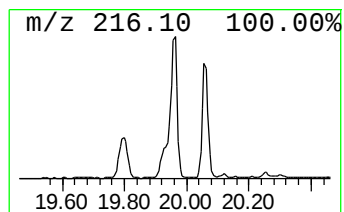
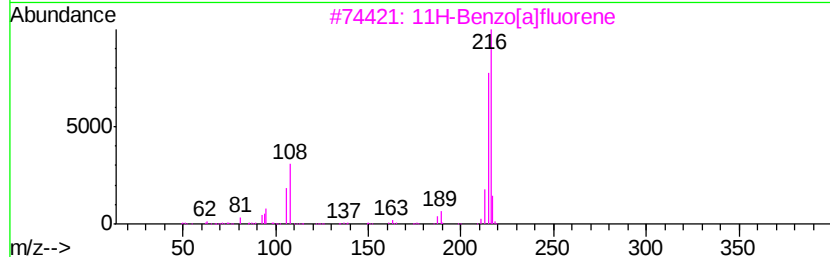
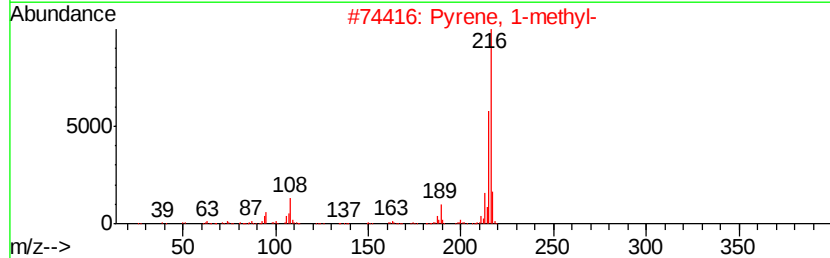
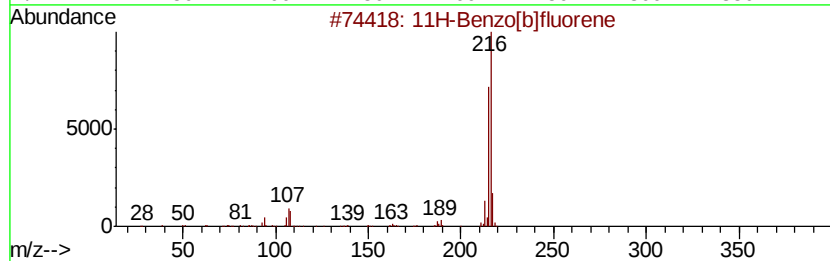
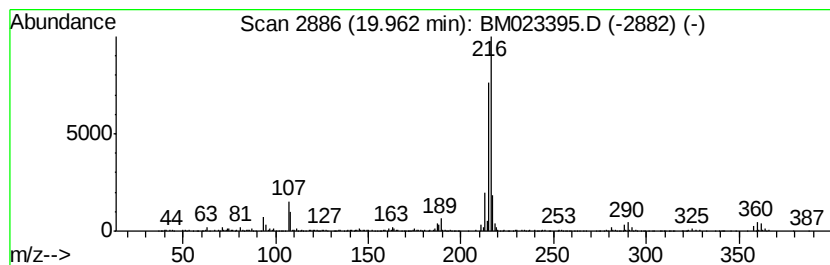
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Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.58 ng/ul	970312	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4 91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7 91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6 91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6 90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102419\
Data File : BM023395.D
Acq On : 25 Oct 2019 04:49
Operator : JU
Sample : K5403-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB94

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...	3.09	6.7	ng/ul	1366100	1	7.63	4107050	20.0
4H-Cyclopenta[def...	18.10	4.1	ng/ul	1252310	4	17.03	6129120	20.0
11H-Benzo[b]fluorene	19.96	2.6	ng/ul	970312	5	21.23	7511950	20.0