

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
 Data File : BM023594.D
 Acq On : 05 Nov 2019 00:09
 Operator : JU
 Sample : K5403-03
 Misc : GCMS CONFIRMATION
 ALS Vial : 22 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	3.070	10	14	20	rVB	990703	1051865	10.46%	1.509%
2	7.599	778	784	796	rVB	1940917	3087564	30.70%	4.429%
3	10.081	1204	1206	1214	rVB4	10315	19630	0.20%	0.028%
4	10.375	1247	1256	1263	rBV	2415176	4139371	41.16%	5.938%
5	10.646	1300	1302	1306	rVB3	12419	13179	0.13%	0.019%
6	10.857	1335	1338	1344	rVB6	12053	19769	0.20%	0.028%
7	11.063	1370	1373	1374	rBV2	9760	12452	0.12%	0.018%
8	11.145	1384	1387	1392	rBV5	8269	12529	0.12%	0.018%
9	11.840	1501	1505	1509	rVB5	8687	15087	0.15%	0.022%
10	12.057	1536	1542	1547	rBV2	31101	55597	0.55%	0.080%
11	12.275	1574	1579	1586	rBV4	33300	56481	0.56%	0.081%
12	12.681	1642	1648	1652	rBV8	6750	11562	0.11%	0.017%
13	12.739	1655	1658	1664	rBV7	4904	10375	0.10%	0.015%
14	13.039	1704	1709	1713	rBV4	29724	50786	0.50%	0.073%
15	13.087	1713	1717	1725	rVB4	21007	45587	0.45%	0.065%
16	13.281	1742	1750	1758	rBV3	20799	47604	0.47%	0.068%
17	13.422	1767	1774	1780	rVB6	16847	40735	0.41%	0.058%
18	13.575	1794	1800	1804	rVV4	38130	70701	0.70%	0.101%
19	13.622	1805	1808	1813	rVV4	21817	33951	0.34%	0.049%
20	13.681	1813	1818	1821	rVV6	14516	19377	0.19%	0.028%
21	13.763	1828	1832	1836	rVB5	11522	12913	0.13%	0.019%
22	13.810	1836	1840	1844	rBV6	22565	37106	0.37%	0.053%
23	13.969	1861	1867	1872	rBV2	44885	75813	0.75%	0.109%
24	14.051	1877	1881	1884	rVV6	7655	10181	0.10%	0.015%
25	14.086	1884	1887	1890	rVB3	9819	11980	0.12%	0.017%
26	14.175	1897	1902	1907	rBV6	19906	34369	0.34%	0.049%
27	14.251	1907	1915	1922	rBV	3454191	5124971	50.96%	7.352%
28	14.310	1922	1925	1929	rVB	32771	48828	0.49%	0.070%
29	14.469	1946	1952	1953	rBV5	18515	27909	0.28%	0.040%
30	14.575	1963	1970	1974	rBV7	37896	61846	0.61%	0.089%
31	14.651	1976	1983	1990	rVV	104637	184682	1.84%	0.265%
32	14.739	1992	1998	2001	rVB5	12807	24603	0.24%	0.035%
33	14.881	2017	2022	2027	rBV4	23802	45065	0.45%	0.065%
34	14.933	2027	2031	2034	rVB5	18714	24653	0.25%	0.035%

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35	15.051	2047	2051	2054	rBV5	21197	26217	0.26%	0.038%
36	15.139	2062	2066	2069	rBV4	31283	48128	0.48%	0.069%
37	15.198	2073	2076	2078	rVV4	8600	10745	0.11%	0.015%
38	15.304	2089	2094	2099	rBV	326644	454822	4.52%	0.652%
39	15.433	2112	2116	2118	rBV4	19249	25794	0.26%	0.037%
40	15.469	2118	2122	2126	rVV2	43814	70010	0.70%	0.100%
41	15.545	2129	2135	2140	rVV6	34081	66432	0.66%	0.095%
42	15.604	2140	2145	2156	rVB	80332	145029	1.44%	0.208%
43	15.686	2156	2159	2162	rBV5	13622	20836	0.21%	0.030%
44	15.745	2165	2169	2176	rVV	60844	128423	1.28%	0.184%
45	15.833	2182	2184	2190	rVB7	16428	25094	0.25%	0.036%
46	15.998	2208	2212	2214	rBV4	42811	60386	0.60%	0.087%
47	16.022	2214	2216	2221	rVB2	46428	57988	0.58%	0.083%
48	16.186	2242	2244	2249	rBV6	12456	17373	0.17%	0.025%
49	16.310	2261	2265	2270	rVV3	79461	109613	1.09%	0.157%
50	16.357	2271	2273	2277	rVB2	35020	39531	0.39%	0.057%
51	16.539	2301	2304	2307	rBV2	45672	59141	0.59%	0.085%
52	16.592	2307	2313	2319	rVB	349406	516662	5.14%	0.741%
53	16.739	2334	2338	2343	rBV3	38045	85106	0.85%	0.122%
54	16.786	2343	2346	2348	rBV	47935	59473	0.59%	0.085%
55	16.816	2348	2351	2355	rVV	101174	130799	1.30%	0.188%
56	16.998	2376	2382	2386	rBV	3791637	5572702	55.41%	7.994%
57	17.039	2386	2389	2397	rVB	4532294	5964364	59.31%	8.556%
58	17.133	2402	2405	2409	rVB	78536	105669	1.05%	0.152%
59	17.522	2468	2471	2475	rVB2	127599	161888	1.61%	0.232%
60	17.721	2502	2505	2513	rVB6	102288	155542	1.55%	0.223%
61	17.874	2527	2531	2535	rBV	346593	483673	4.81%	0.694%
62	17.922	2535	2539	2544	rVB	485958	654994	6.51%	0.940%
63	18.069	2558	2564	2568	rBV3	839640	1391802	13.84%	1.996%
64	18.104	2568	2570	2573	rVV	231012	299165	2.97%	0.429%
65	18.139	2573	2576	2579	rVB	204077	247743	2.46%	0.355%
66	18.180	2579	2583	2588	rBV3	142923	191427	1.90%	0.275%
67	18.380	2611	2617	2624	rBV	397995	704536	7.01%	1.011%
68	18.633	2657	2660	2664	rVB3	107137	137284	1.37%	0.197%
69	18.680	2666	2668	2672	rVV2	98940	121220	1.21%	0.174%
70	18.804	2685	2689	2693	rVB	185110	258956	2.57%	0.371%
71	18.898	2703	2705	2708	rBV3	114584	119557	1.19%	0.172%

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72	18.933	2708	2711	2719	rVB6	217369	366011	3.64%	0.525%
73	19.063	2728	2733	2740	rVB	7599332	10056816	100.00%	14.426%
74	19.133	2741	2745	2748	rBV3	214142	325378	3.24%	0.467%
75	19.216	2755	2759	2764	rBV2	247064	372043	3.70%	0.534%
76	19.398	2786	2790	2792	rBV2	769130	1122549	11.16%	1.610%
77	19.427	2792	2795	2801	rVB	1764030	2249913	22.37%	3.227%
78	19.610	2823	2826	2831	rBV	304288	415823	4.13%	0.596%
79	19.927	2876	2880	2885	rVB	955385	1275125	12.68%	1.829%
80	19.980	2886	2889	2892	rBV2	206161	253032	2.52%	0.363%
81	20.027	2894	2897	2901	rVV2	601154	719141	7.15%	1.032%
82	20.880	3039	3042	3045	rBV	432508	527763	5.25%	0.757%
83	21.192	3089	3095	3099	rBV2	5195676	8587664	85.39%	12.319%
84	21.227	3099	3101	3108	rVB	2539327	3015442	29.98%	4.326%
85	23.380	3461	3467	3475	rVB	3828848	7158225	71.18%	10.268%

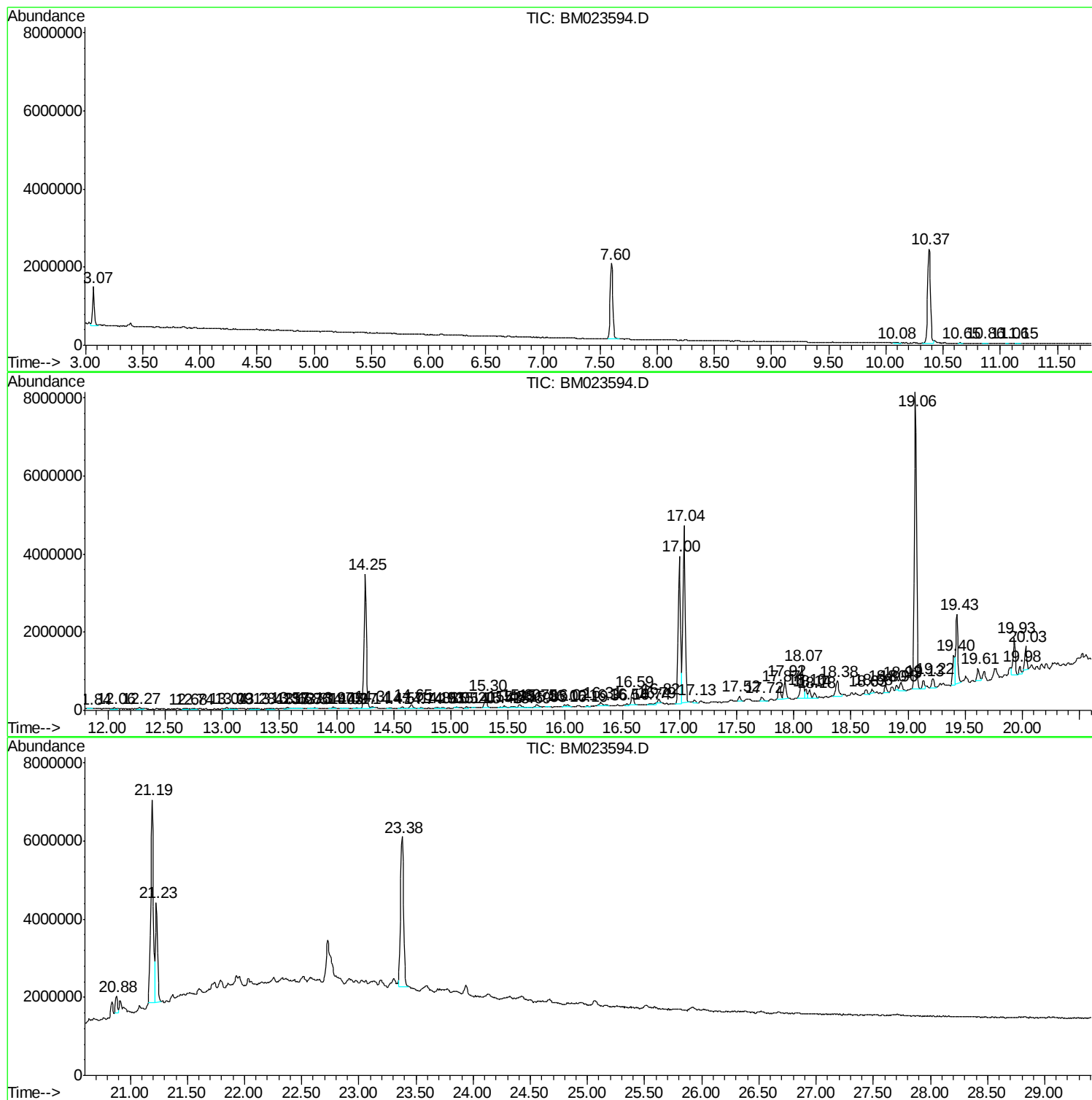
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Quant Title : SVOA CALIBRATION

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



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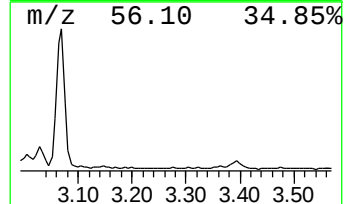
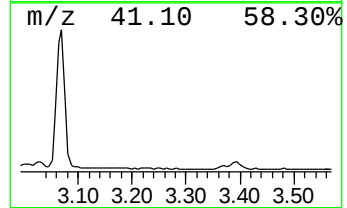
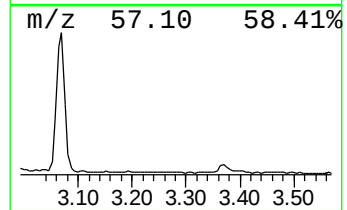
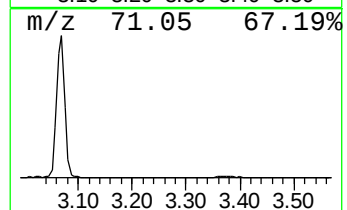
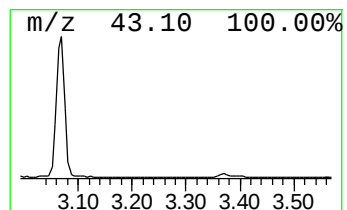
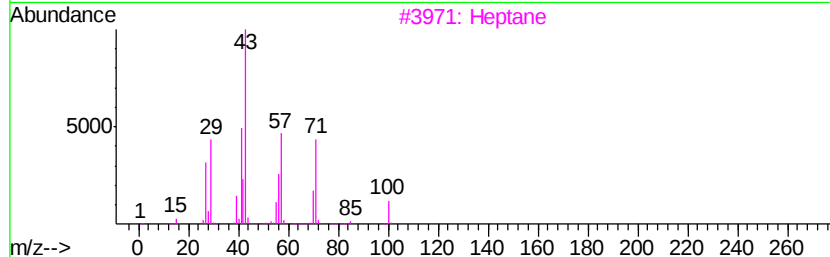
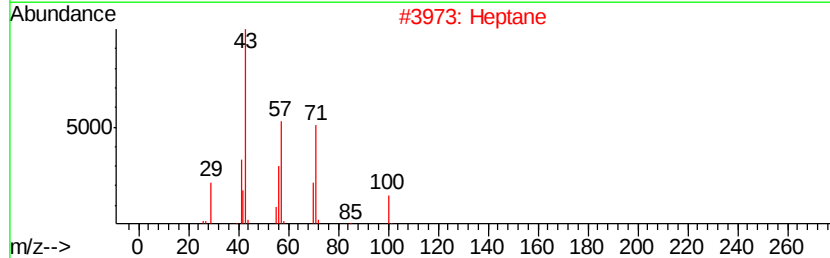
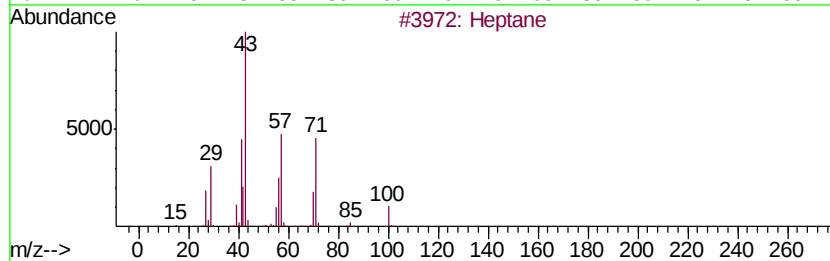
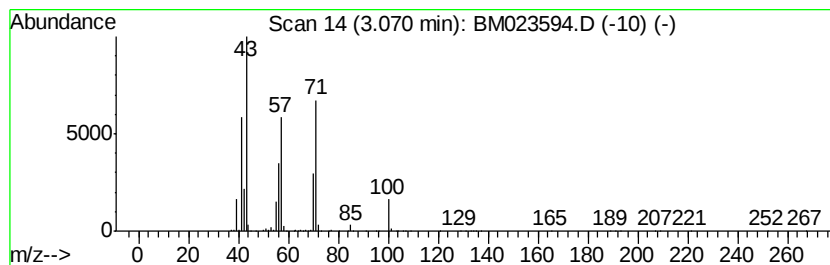
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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.
3.07	6.81 ng/ul	1051870	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	94
2	Heptane			100	C7H16	000142-82-5	91
3	Heptane			100	C7H16	000142-82-5	90
4	Heptane			100	C7H16	000142-82-5	64
5	Butane, 2,2-dimethyl-			86	C6H14	000075-83-2	50



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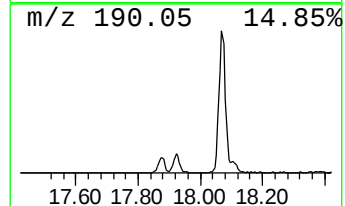
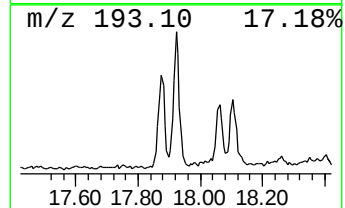
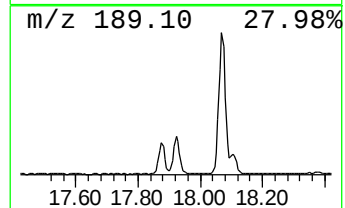
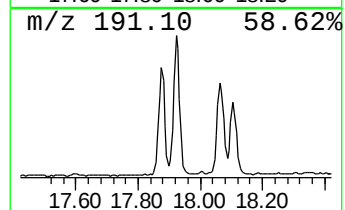
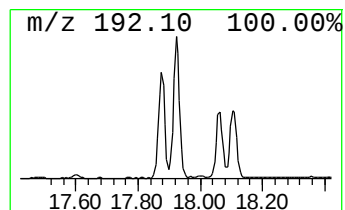
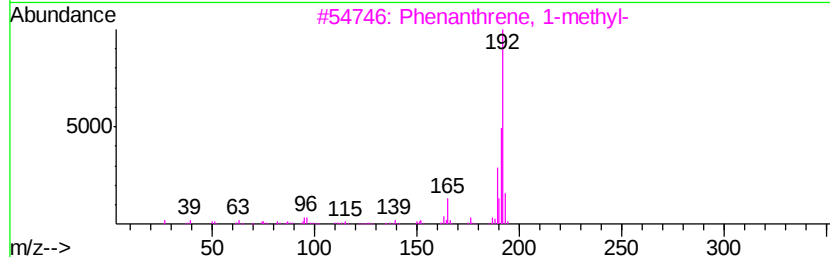
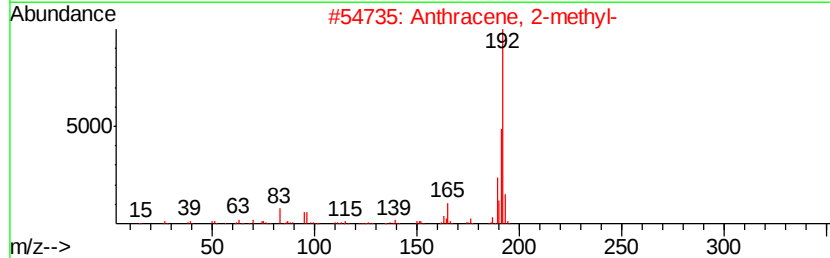
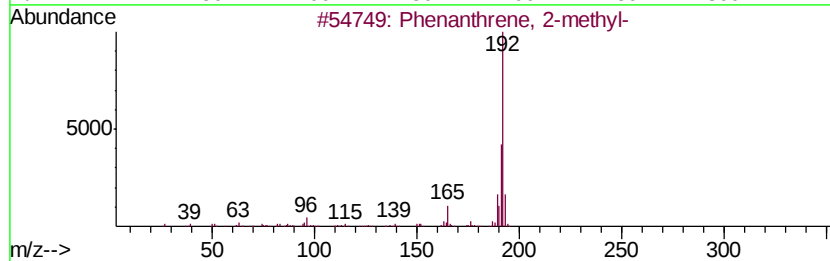
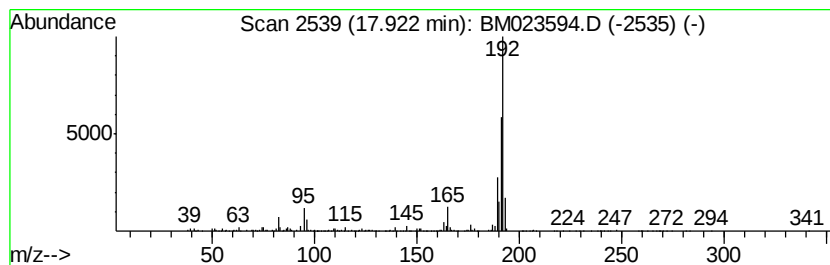
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.35 ng/ul	654994	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



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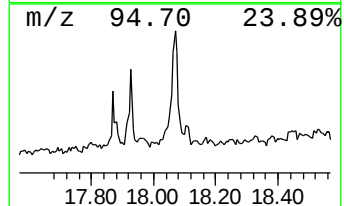
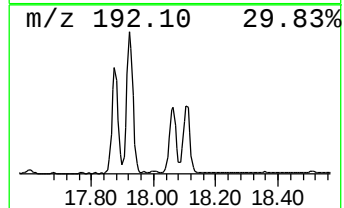
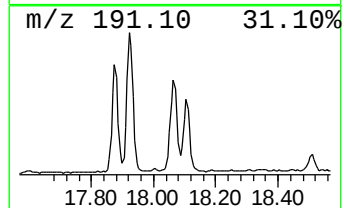
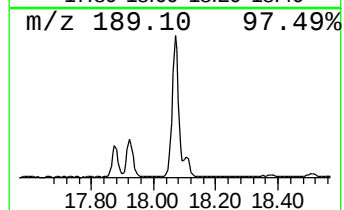
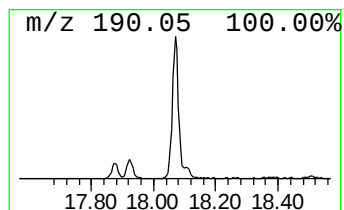
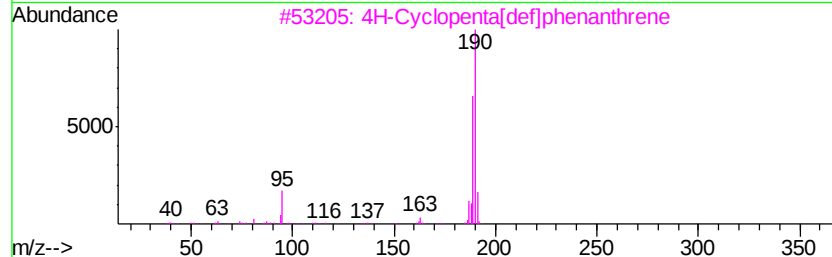
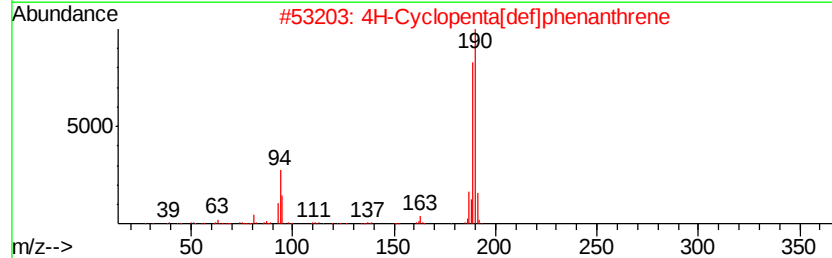
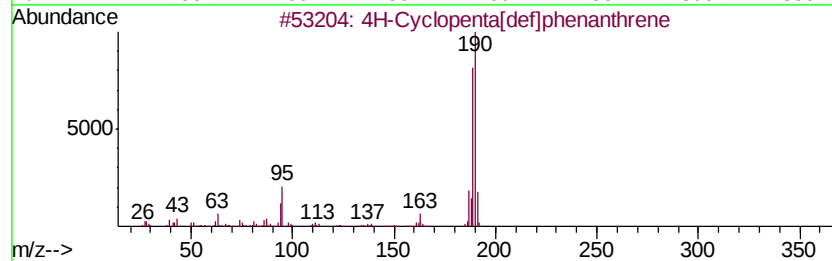
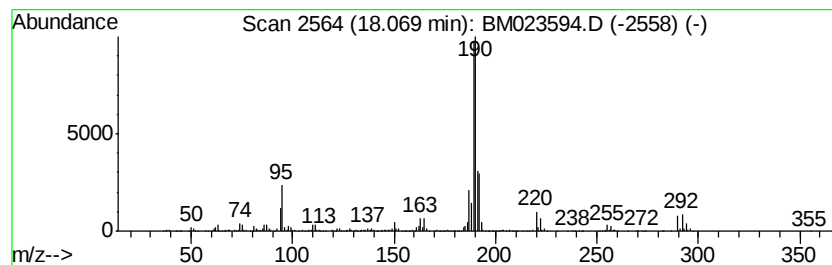
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.00 ng/ul	1391800	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
5		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50



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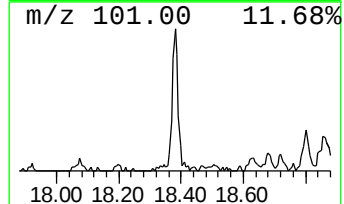
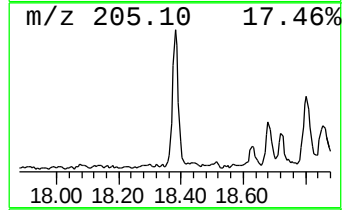
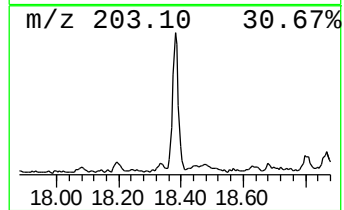
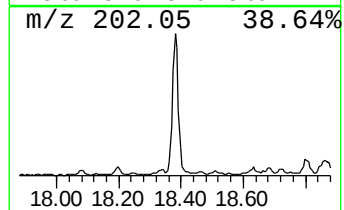
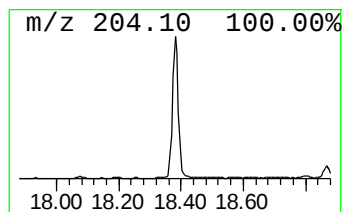
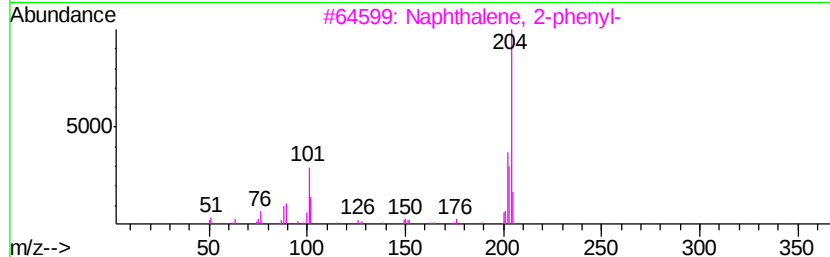
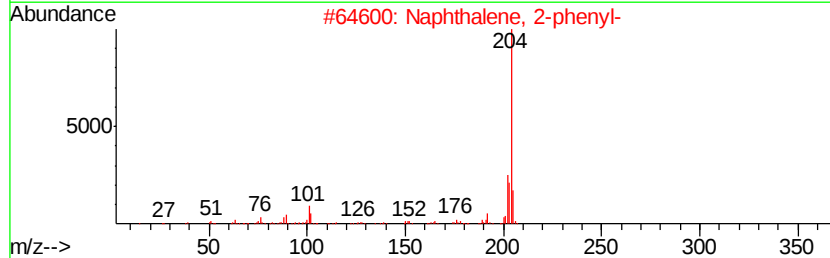
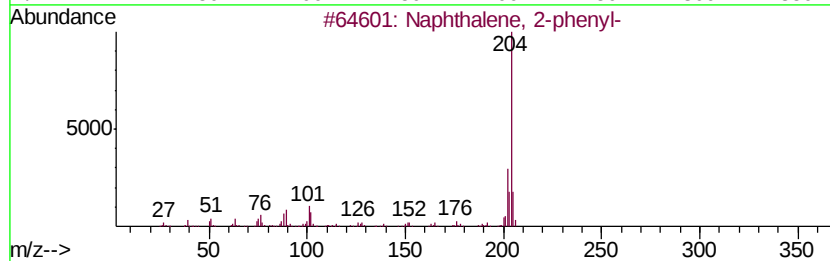
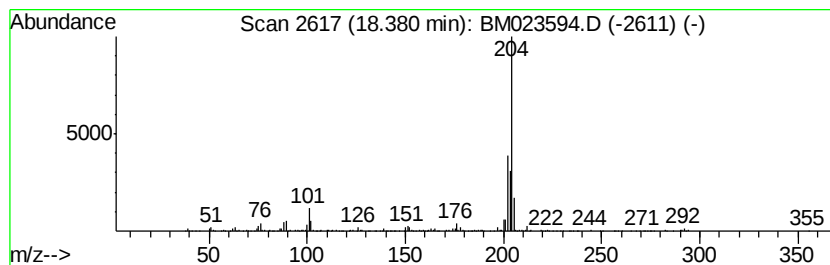
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.53 ng/ul	704536	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023594.D
Acq On : 05 Nov 2019 00:09
Operator : JU
Sample : K5403-03
Misc : GCMS CONFIRMATION
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB94

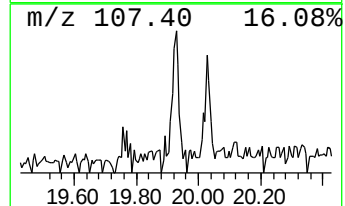
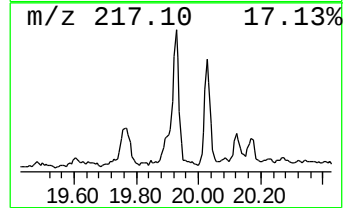
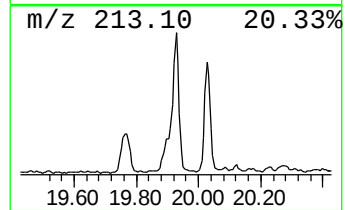
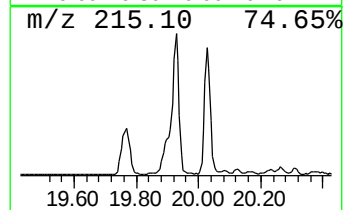
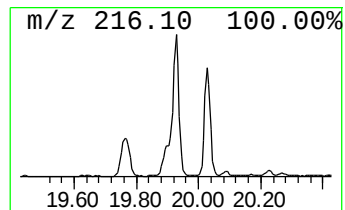
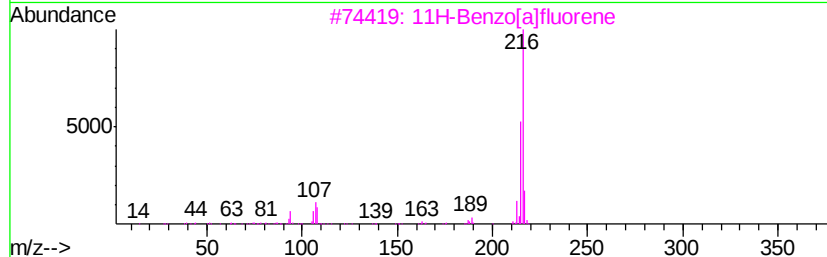
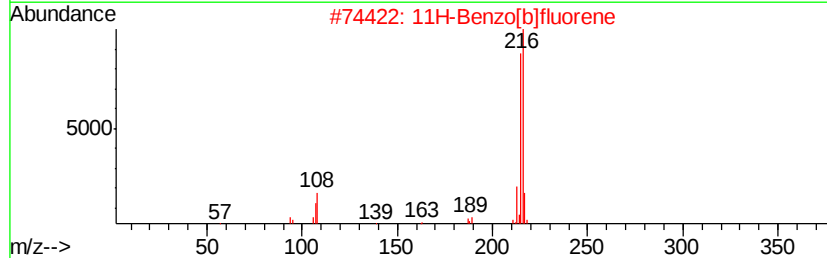
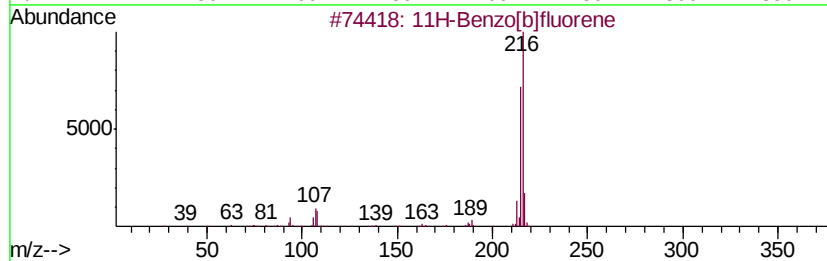
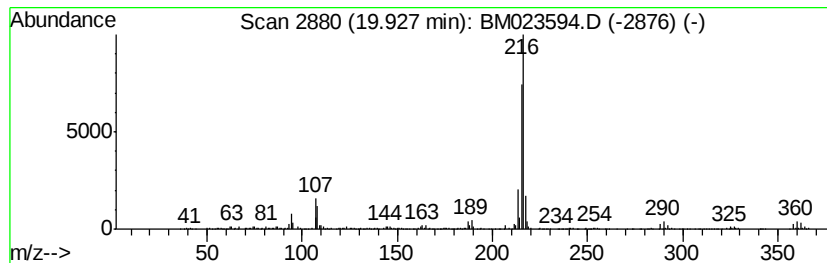
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.97 ng/ul	1275130	Chrysene-d12	21.19

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110419\
Data File : BM023594.D
Acq On : 05 Nov 2019 00:09
Operator : JU
Sample : K5403-03
Misc : GCMS CONFIRMATION
ALS Vial : 22 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...	3.07	6.8	ng/ul	1051870	1	7.60	3087560	20.0
Phenanthrene, 2-m...	17.92	2.4	ng/ul	654994	4	17.00	5572700	20.0
4H-Cyclopenta[def...	18.07	5.0	ng/ul	1391800	4	17.00	5572700	20.0
Naphthalene, 2-ph...	18.38	2.5	ng/ul	704536	4	17.00	5572700	20.0
11H-Benzo[b]fluorene	19.93	3.0	ng/ul	1275130	5	21.19	8587660	20.0