

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
 Data File : BP002182.D
 Acq On : 12 Mar 2020 14:13
 Operator : CG/JU
 Sample : L1786-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AC7

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_P\METHODS\SOM-EPA-BP022720MA.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	3.658	128	131	136	rVB	28949	36402	0.49%	0.056%
2	3.787	149	153	158	rVB2	15996	25230	0.34%	0.039%
3	4.775	315	321	331	rVB2	57056	92954	1.25%	0.143%
4	6.811	656	667	680	rBV	244762	419071	5.65%	0.645%
5	6.969	687	694	703	rBV	236561	388367	5.23%	0.598%
6	7.163	720	727	740	rBV	285659	457103	6.16%	0.704%
7	7.628	798	806	816	rBV	939008	1519499	20.47%	2.340%
8	8.334	917	926	936	rBV	282530	494390	6.66%	0.761%
9	8.769	993	1000	1017	rBV	240111	399476	5.38%	0.615%
10	9.487	1113	1122	1131	rBV	174916	302373	4.07%	0.466%
11	10.028	1207	1214	1229	rBV	285270	513582	6.92%	0.791%
12	10.399	1269	1277	1283	rBV	1341419	2264072	30.50%	3.486%
13	10.446	1283	1285	1293	rVV	87323	120739	1.63%	0.186%
14	10.534	1293	1300	1323	rVV	238266	482540	6.50%	0.743%
15	12.069	1556	1561	1571	rVB	28429	51597	0.70%	0.079%
16	12.287	1591	1598	1605	rBV	19136	33117	0.45%	0.051%
17	13.098	1730	1736	1744	rBV4	10988	24434	0.33%	0.038%
18	13.587	1811	1819	1824	rBV3	19239	39510	0.53%	0.061%
19	13.675	1829	1834	1839	rVV	598580	872769	11.76%	1.344%
20	13.722	1839	1842	1850	rVB	105104	155299	2.09%	0.239%
21	13.951	1874	1881	1895	rBV	662693	1036379	13.96%	1.596%
22	14.098	1901	1906	1920	rBV2	13328	35545	0.48%	0.055%
23	14.263	1927	1934	1940	rBV	2104245	3108224	41.87%	4.786%
24	14.328	1940	1945	1954	rVB	151879	228733	3.08%	0.352%
25	14.481	1965	1971	1982	rBV2	65148	156297	2.11%	0.241%
26	14.669	1996	2003	2014	rBV2	90470	220483	2.97%	0.340%
27	15.263	2097	2104	2109	rBV	958185	1366086	18.40%	2.104%
28	15.316	2109	2113	2120	rVB	205153	280855	3.78%	0.432%
29	15.387	2120	2125	2132	rBV	116289	188959	2.55%	0.291%
30	15.481	2138	2141	2148	rVB3	25016	40665	0.55%	0.063%
31	15.569	2153	2156	2160	rVV2	19361	28048	0.38%	0.043%
32	15.616	2160	2164	2175	rVB	39250	64075	0.86%	0.099%
33	15.763	2184	2189	2197	rVB	44247	88867	1.20%	0.137%
34	15.986	2222	2227	2235	rBV7	23903	46180	0.62%	0.071%

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35	16.328	2274	2285	2290	rBV3	32415	80286	1.08%	0.124%
36	16.375	2290	2293	2299	rVB3	16007	22754	0.31%	0.035%
37	16.475	2307	2310	2315	rVB	15206	22519	0.30%	0.035%
38	16.534	2315	2320	2322	rBV3	19895	29198	0.39%	0.045%
39	16.669	2340	2343	2352	rVB2	20619	42797	0.58%	0.066%
40	16.775	2352	2361	2364	rBV2	34382	84941	1.14%	0.131%
41	16.834	2364	2371	2376	rVB	70062	120317	1.62%	0.185%
42	17.016	2396	2402	2406	rBV	2682885	3794566	51.11%	5.843%
43	17.057	2406	2409	2414	rVV	1621524	2118844	28.54%	3.263%
44	17.116	2414	2419	2422	rVV	979554	1378649	18.57%	2.123%
45	17.145	2422	2424	2431	rVV	420930	575070	7.75%	0.886%
46	17.210	2431	2435	2442	rVB2	59308	97296	1.31%	0.150%
47	17.422	2461	2471	2476	rBV2	166304	289073	3.89%	0.445%
48	17.545	2488	2492	2497	rBV4	26510	39991	0.54%	0.062%
49	17.598	2498	2501	2508	rVV6	15849	25618	0.35%	0.039%
50	17.892	2546	2551	2555	rBV2	162070	228038	3.07%	0.351%
51	17.939	2555	2559	2565	rVB	269588	359506	4.84%	0.554%
52	18.016	2567	2572	2577	rBV	101838	156543	2.11%	0.241%
53	18.081	2577	2583	2587	rBV3	328401	549957	7.41%	0.847%
54	18.116	2587	2589	2594	rVB2	96903	106643	1.44%	0.164%
55	18.198	2597	2603	2604	rBV3	43254	81098	1.09%	0.125%
56	18.233	2605	2609	2614	rBV5	48352	99015	1.33%	0.152%
57	18.380	2631	2634	2638	rVB2	143339	162372	2.19%	0.250%
58	18.622	2672	2675	2679	rVB	36561	42757	0.58%	0.066%
59	18.669	2680	2683	2686	rBV	37577	46243	0.62%	0.071%
60	18.786	2698	2703	2708	rBV3	81158	134992	1.82%	0.208%
61	18.845	2710	2713	2716	rBV3	41104	52522	0.71%	0.081%
62	18.916	2722	2725	2734	rVB4	56091	112656	1.52%	0.173%
63	19.039	2740	2746	2753	rVB	2491180	3231807	43.53%	4.976%
64	19.110	2755	2758	2759	rBV	23062	26662	0.36%	0.041%
65	19.139	2760	2763	2766	rVV3	27285	36371	0.49%	0.056%
66	19.275	2774	2786	2791	rBV2	131753	428435	5.77%	0.660%
67	19.363	2796	2801	2803	rVV2	1805598	2685616	36.18%	4.135%
68	19.386	2803	2805	2814	rVV	2001067	2813153	37.89%	4.332%
69	19.463	2815	2818	2831	rVV3	269483	630911	8.50%	0.971%
70	19.569	2832	2836	2841	rVB	137956	164918	2.22%	0.254%
71	19.627	2842	2846	2850	rVV	96458	133855	1.80%	0.206%

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72	19.716	2855	2861	2866	rBV2	147166	342108	4.61%	0.527%
73	19.845	2879	2883	2884	rBV2	89617	124626	1.68%	0.192%
74	19.875	2884	2888	2893	rVB	503560	698001	9.40%	1.075%
75	19.975	2901	2905	2909	rBV	457394	533091	7.18%	0.821%
76	20.027	2909	2914	2918	rVV2	202530	307338	4.14%	0.473%
77	20.069	2918	2921	2925	rVB	72134	89423	1.20%	0.138%
78	20.110	2925	2928	2933	rBV	57810	62332	0.84%	0.096%
79	20.163	2934	2937	2941	rBV	86778	111456	1.50%	0.172%
80	20.210	2941	2945	2951	rBV4	111438	180600	2.43%	0.278%
81	20.769	3036	3040	3043	rBV	137555	171552	2.31%	0.264%
82	20.804	3043	3046	3049	rVV	199050	200442	2.70%	0.309%
83	20.851	3049	3054	3058	rBV3	188846	325420	4.38%	0.501%
84	21.110	3088	3098	3102	rBV2	4198933	7423649	100.00%	11.431%
85	21.145	3102	3104	3114	rVB	1330838	1686982	22.72%	2.598%
86	21.263	3121	3124	3127	rBV	202800	252347	3.40%	0.389%
87	21.369	3139	3142	3146	rVB	138348	183572	2.47%	0.283%
88	21.416	3146	3150	3155	rBV2	168072	241001	3.25%	0.371%
89	21.557	3166	3174	3179	rBV2	283088	859421	11.58%	1.323%
90	21.651	3188	3190	3193	rVB	158416	159551	2.15%	0.246%
91	21.845	3221	3223	3226	rBV	86145	96556	1.30%	0.149%
92	22.174	3276	3279	3287	rVB3	234735	351741	4.74%	0.542%
93	22.657	3355	3361	3373	rBV	1003587	3299605	44.45%	5.081%
94	22.821	3386	3389	3400	rVB	197749	326432	4.40%	0.503%
95	23.121	3436	3440	3444	rBV	412489	716537	9.65%	1.103%
96	23.174	3444	3449	3453	rVV	819244	1451540	19.55%	2.235%
97	23.216	3453	3456	3465	rVB	800459	1547698	20.85%	2.383%
98	23.316	3466	3473	3479	rBV	2773504	5065620	68.24%	7.800%
99	23.886	3567	3570	3577	rVB2	205881	347223	4.68%	0.535%
100	25.527	3843	3849	3860	rVB2	407776	1198946	16.15%	1.846%

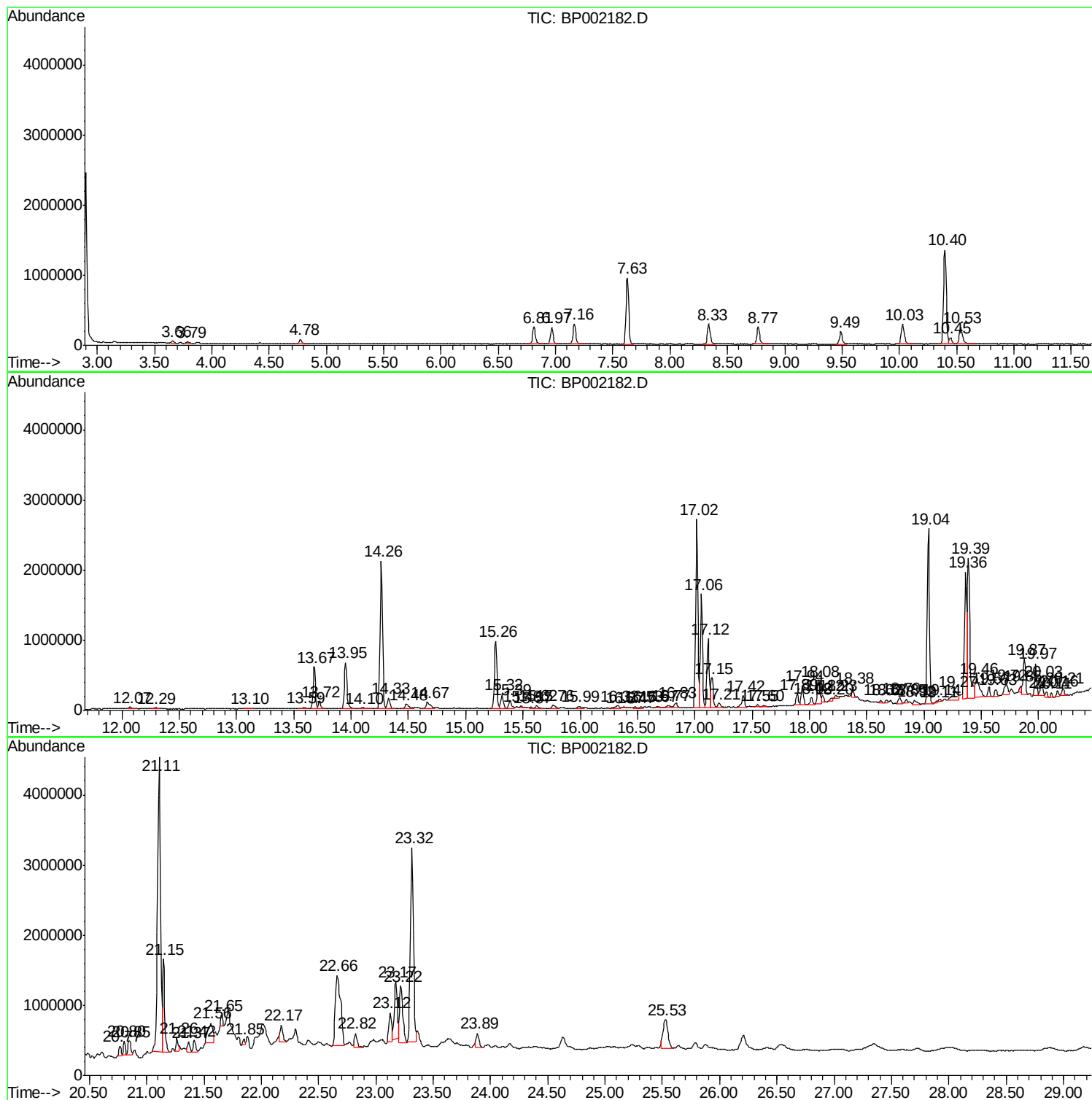
Sum of corrected areas: 64942719

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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



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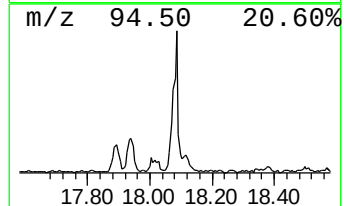
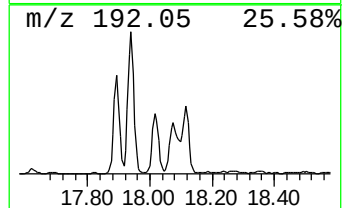
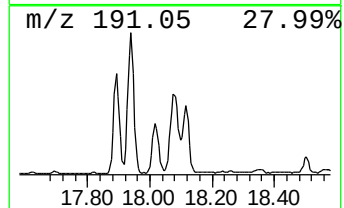
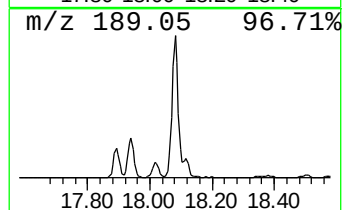
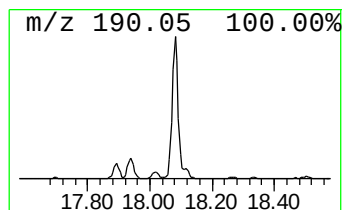
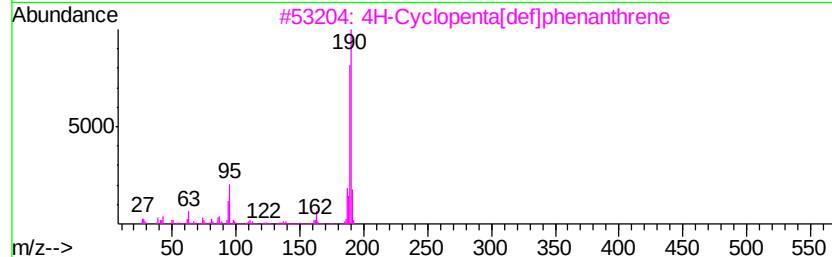
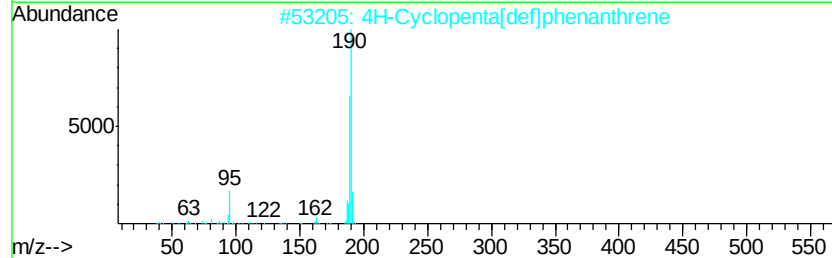
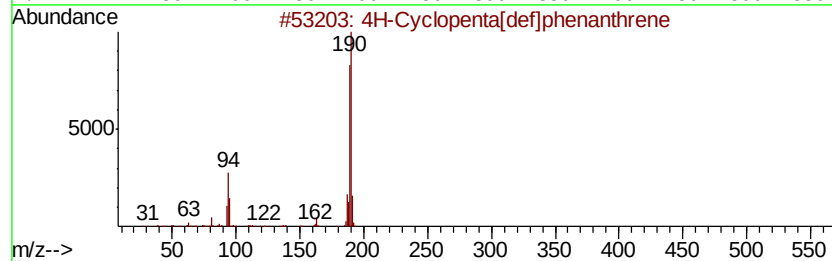
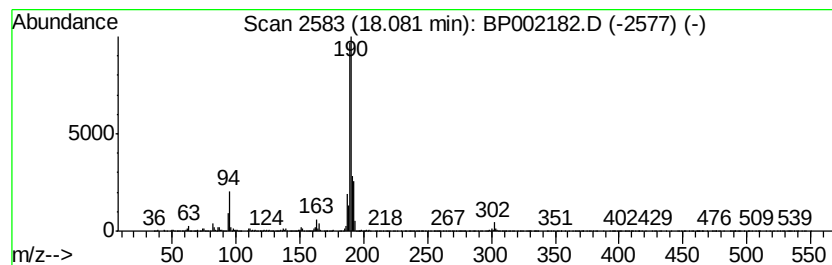
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.08	2.90 ng/ul	549957	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93	
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76	
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70	
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50	
5	Methyl diselenide	190	C2H6Se2	007101-31-7	45	



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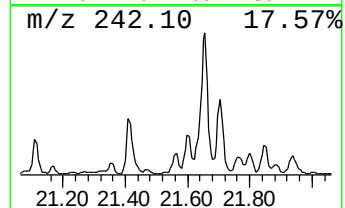
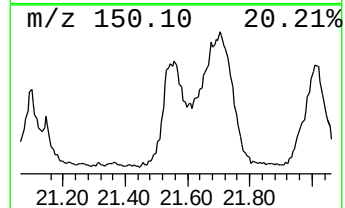
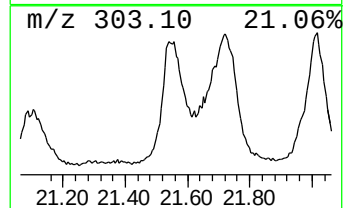
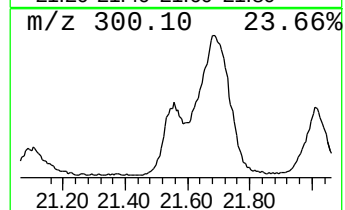
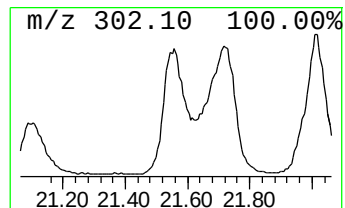
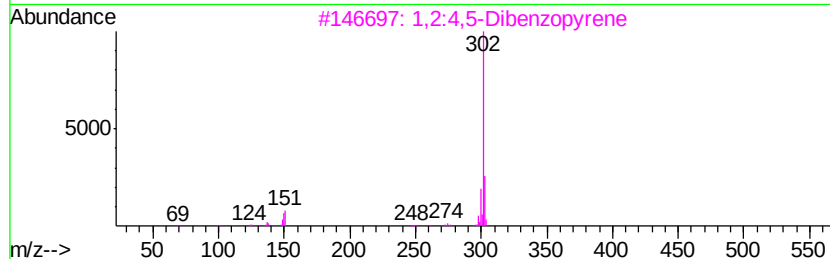
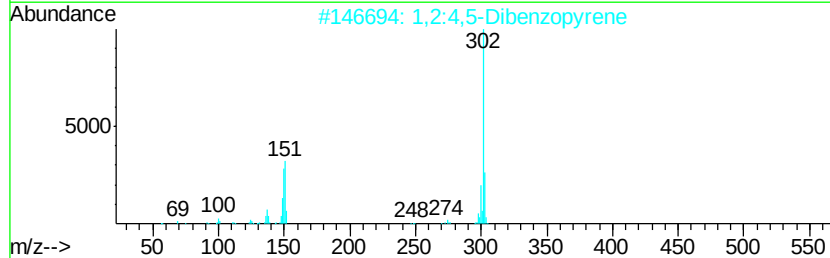
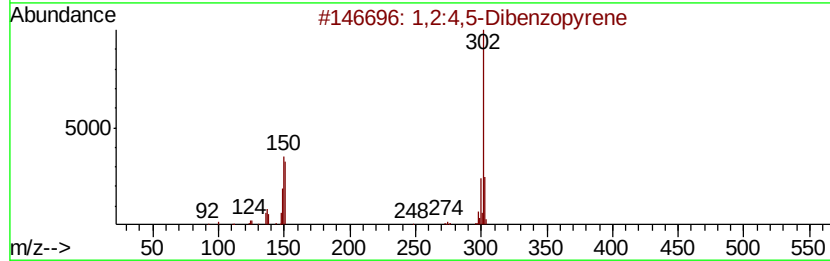
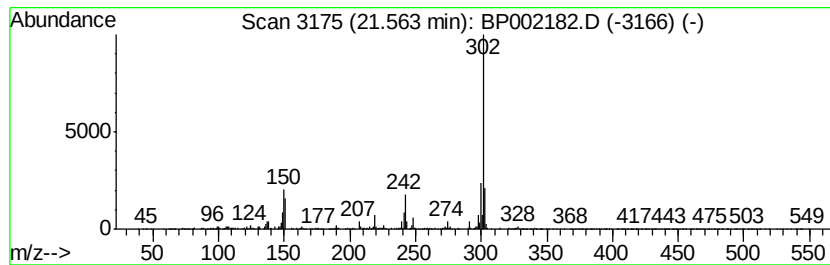
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,2:4,5-Dibenzopyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.32 ng/ul	859421	Chrysene-d12	21.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4 95
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4 94
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4 93
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0 93
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2 76



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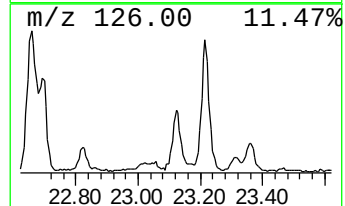
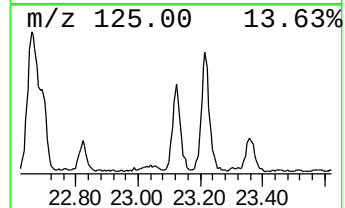
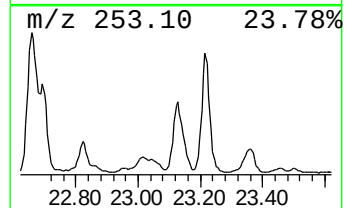
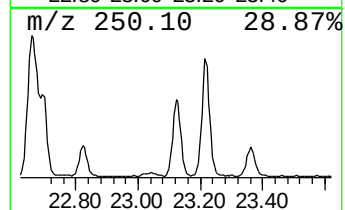
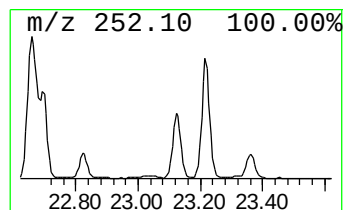
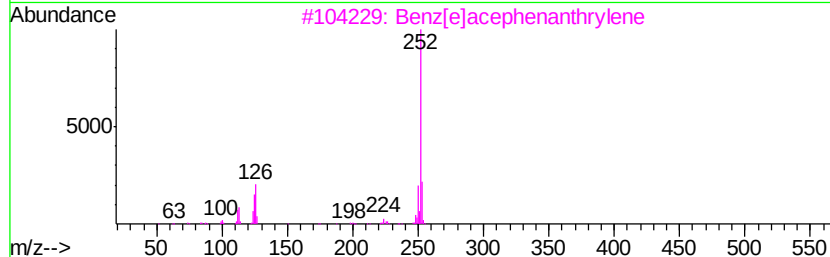
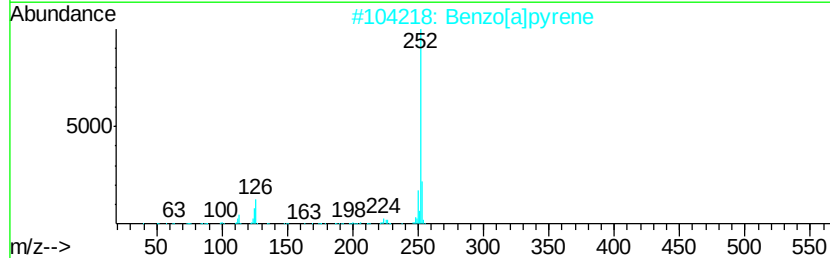
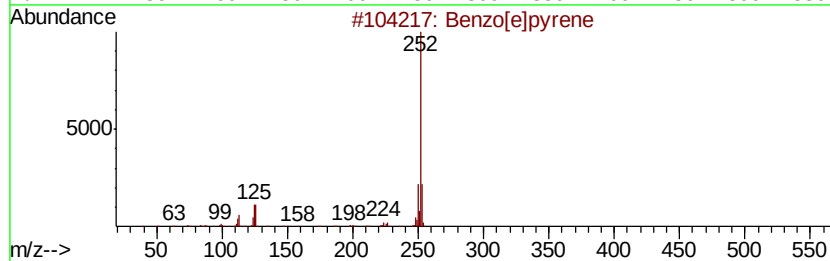
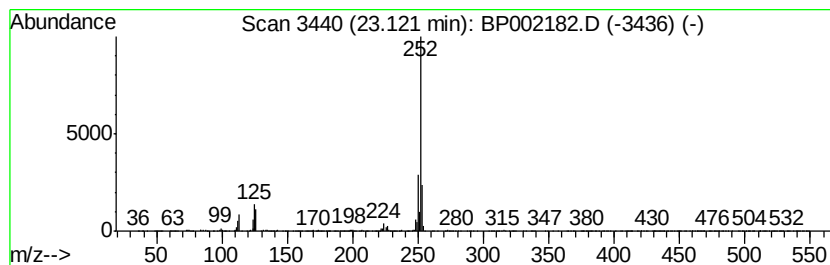
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Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	2.83 ng/ul	716537	Perylene-d12	23.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 99
2		Benzo[a]pyrene	252 C20H12	000050-32-8 98
3		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 95
4		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 95
5		Benzo[k]fluoranthene	252 C20H12	000207-08-9 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP031220\
Data File : BP002182.D
Acq On : 12 Mar 2020 14:13
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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
4H-Cyclopenta[def...	18.08	2.9	ng/ul	549957	4	17.02	3794570	20.0
1,2:4,5-Dibenzopy...	21.56	2.3	ng/ul	859421	5	21.11	7423650	20.0
Benzo[e]pyrene	23.12	2.8	ng/ul	716537	6	23.32	5065620	20.0