

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009643.D
 Acq On : 07 Feb 2020 11:59
 Operator : CG/JU
 Sample : L1323-02DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT42DL

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-BN020320MA.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	3.564	95	98	108	rVB6	13959	26592	0.73%	0.100%
2	6.646	618	622	626	rBV3	16422	25016	0.69%	0.094%
3	6.799	643	648	653	rBV4	12329	21649	0.59%	0.081%
4	6.987	674	680	684	rVB2	16821	27384	0.75%	0.103%
5	7.434	750	756	768	rBV	773576	1214451	33.34%	4.554%
6	8.593	946	953	961	rBV	14899	28056	0.77%	0.105%
7	10.181	1216	1223	1233	rBV	1068048	1777456	48.80%	6.665%
8	11.640	1466	1471	1476	rBV	20478	33056	0.91%	0.124%
9	11.722	1478	1485	1491	rVV3	10831	32589	0.89%	0.122%
10	12.916	1679	1688	1699	rBV	41629	72033	1.98%	0.270%
11	13.498	1782	1787	1789	rVV	46649	69765	1.92%	0.262%
12	13.528	1789	1792	1799	rVV2	42386	86121	2.36%	0.323%
13	13.757	1827	1831	1833	rVV	50149	73819	2.03%	0.277%
14	13.787	1833	1836	1843	rVV	108514	169141	4.64%	0.634%
15	14.004	1868	1873	1878	rBV	41153	54546	1.50%	0.205%
16	14.069	1878	1884	1893	rVV	1533453	2277562	62.53%	8.541%
17	14.487	1948	1955	1963	rVB6	13062	27941	0.77%	0.105%
18	14.563	1963	1968	1974	rVB2	29081	36501	1.00%	0.137%
19	14.692	1984	1990	1995	rBV4	32379	61871	1.70%	0.232%
20	14.963	2030	2036	2040	rVB3	33685	55807	1.53%	0.209%
21	15.039	2043	2049	2051	rBV4	16847	31850	0.87%	0.119%
22	15.075	2051	2055	2060	rVB2	84143	116513	3.20%	0.437%
23	15.251	2078	2085	2090	rBV6	27149	61585	1.69%	0.231%
24	15.351	2094	2102	2105	rBV6	19175	49836	1.37%	0.187%
25	15.828	2176	2183	2186	rBV7	42703	70966	1.95%	0.266%
26	15.922	2195	2199	2202	rVV	18733	21310	0.59%	0.080%
27	16.145	2230	2237	2241	rVV7	26476	67536	1.85%	0.253%
28	16.192	2241	2245	2248	rVV3	36468	59383	1.63%	0.223%
29	16.245	2251	2254	2258	rVV4	16396	28862	0.79%	0.108%
30	16.286	2258	2261	2268	rVV6	26622	53838	1.48%	0.202%
31	16.381	2272	2277	2278	rVV4	16811	26602	0.73%	0.100%
32	16.410	2278	2282	2286	rVV3	40419	67825	1.86%	0.254%
33	16.498	2293	2297	2304	rVV9	11072	26111	0.72%	0.098%
34	16.569	2304	2309	2312	rVV6	16853	28255	0.78%	0.106%

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35	16.622	2312	2318	2322	rVV6	23027	37466	1.03%	0.140%
36	16.828	2347	2353	2358	rBV	1916403	2565062	70.42%	9.619%
37	16.869	2358	2360	2365	rVV	54969	72394	1.99%	0.271%
38	16.928	2365	2370	2373	rVV2	80970	126835	3.48%	0.476%
39	16.963	2373	2376	2382	rVV	96404	131011	3.60%	0.491%
40	17.028	2382	2387	2392	rVV4	39618	76001	2.09%	0.285%
41	17.075	2392	2395	2398	rVV4	17967	23323	0.64%	0.087%
42	17.251	2420	2425	2427	rBV5	15167	24694	0.68%	0.093%
43	17.351	2439	2442	2448	rVB2	51117	65733	1.80%	0.246%
44	17.410	2449	2452	2457	rVB3	17589	24791	0.68%	0.093%
45	17.522	2467	2471	2475	rBV	33759	50735	1.39%	0.190%
46	17.639	2486	2491	2494	rBV3	18251	27826	0.76%	0.104%
47	17.704	2497	2502	2506	rVV	123611	167324	4.59%	0.627%
48	17.751	2506	2510	2517	rVB	132759	183733	5.04%	0.689%
49	17.833	2519	2524	2528	rBV2	73027	110571	3.04%	0.415%
50	17.892	2529	2534	2539	rVV2	266833	474627	13.03%	1.780%
51	17.933	2539	2541	2552	rVB2	101079	146069	4.01%	0.548%
52	18.028	2554	2557	2560	rBV	27258	34963	0.96%	0.131%
53	18.104	2568	2570	2574	rVB4	18526	22420	0.62%	0.084%
54	18.175	2574	2582	2584	rBV6	33391	64284	1.76%	0.241%
55	18.210	2584	2588	2594	rVV	133776	191870	5.27%	0.720%
56	18.333	2606	2609	2615	rBV7	16271	30289	0.83%	0.114%
57	18.439	2622	2627	2628	rBV5	17952	29424	0.81%	0.110%
58	18.463	2628	2631	2636	rVV3	62089	91055	2.50%	0.341%
59	18.516	2636	2640	2643	rVV	74894	95459	2.62%	0.358%
60	18.551	2643	2646	2651	rVB3	50248	68147	1.87%	0.256%
61	18.633	2656	2660	2665	rBV2	160802	274596	7.54%	1.030%
62	18.698	2665	2671	2674	rVV4	117529	222751	6.12%	0.835%
63	18.728	2674	2676	2680	rVB2	76498	84486	2.32%	0.317%
64	18.775	2680	2684	2693	rBV5	79184	212840	5.84%	0.798%
65	18.898	2698	2705	2713	rBV	558145	810825	22.26%	3.041%
66	18.975	2713	2718	2721	rBV	75379	103326	2.84%	0.387%
67	19.004	2721	2723	2727	rVV3	46531	65274	1.79%	0.245%
68	19.051	2727	2731	2735	rVB	169364	206677	5.67%	0.775%
69	19.169	2747	2751	2758	rVB	43243	82377	2.26%	0.309%
70	19.263	2758	2767	2777	rBV	1012667	1537820	42.22%	5.767%
71	19.351	2779	2782	2788	rVB5	39966	63865	1.75%	0.239%

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72	19.410	2788	2792	2795	rBV6	19444	33492	0.92%	0.126%
73	19.445	2795	2798	2801	rBV4	32618	37461	1.03%	0.140%
74	19.510	2806	2809	2816	rVB7	37394	59706	1.64%	0.224%
75	19.598	2820	2824	2835	rVB3	139239	267775	7.35%	1.004%
76	19.686	2835	2839	2842	rBV6	31383	47988	1.32%	0.180%
77	19.733	2842	2847	2849	rVV3	124542	198150	5.44%	0.743%
78	19.769	2850	2853	2857	rVB2	240373	322694	8.86%	1.210%
79	19.869	2866	2870	2874	rVV	172494	213780	5.87%	0.802%
80	19.927	2876	2880	2884	rVV	193475	239159	6.57%	0.897%
81	19.963	2884	2886	2891	rVB6	26676	28655	0.79%	0.107%
82	20.027	2892	2897	2900	rBV6	30383	58032	1.59%	0.218%
83	20.069	2900	2904	2908	rVV	156664	208761	5.73%	0.783%
84	20.116	2908	2912	2917	rVB	173893	236569	6.49%	0.887%
85	20.398	2958	2960	2965	rVB4	37208	49774	1.37%	0.187%
86	20.486	2973	2975	2979	rBV5	25371	35131	0.96%	0.132%
87	20.657	3001	3004	3006	rBV3	36491	47030	1.29%	0.176%
88	20.727	3013	3016	3019	rVB	98930	103458	2.84%	0.388%
89	20.763	3019	3022	3026	rBV2	35241	45957	1.26%	0.172%
90	21.045	3063	3070	3074	rBV2	2410331	3642487	100.00%	13.659%
91	21.080	3074	3076	3083	rVB	426447	508955	13.97%	1.909%
92	21.586	3159	3162	3167	rVB	167201	186096	5.11%	0.698%
93	21.633	3167	3170	3176	rVB2	91655	154110	4.23%	0.578%
94	21.769	3190	3193	3195	rBV3	77244	85899	2.36%	0.322%
95	22.086	3245	3247	3255	rVB3	95790	132436	3.64%	0.497%
96	22.557	3320	3327	3335	rVB3	222565	656551	18.02%	2.462%
97	22.980	3396	3399	3403	rVB3	99309	134208	3.68%	0.503%
98	23.074	3410	3415	3422	rVB2	249628	537009	14.74%	2.014%
99	23.163	3424	3430	3436	rBV	1583995	2655886	72.91%	9.959%
100	23.680	3514	3518	3525	rVB2	147588	257022	7.06%	0.964%

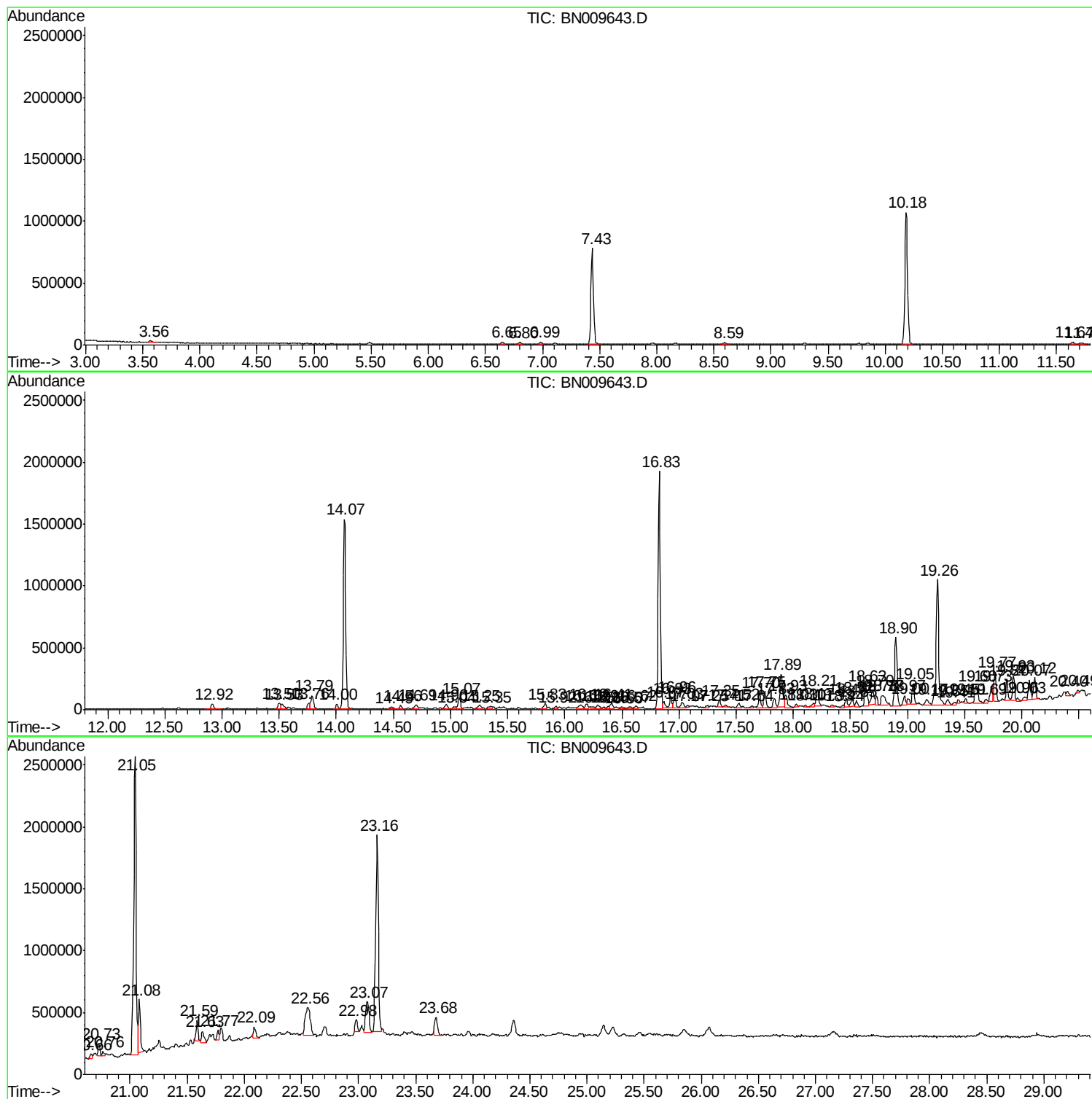
Sum of corrected areas: 26667002

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



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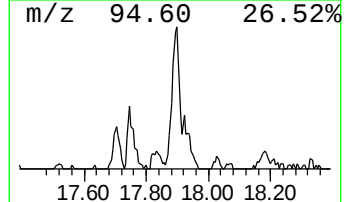
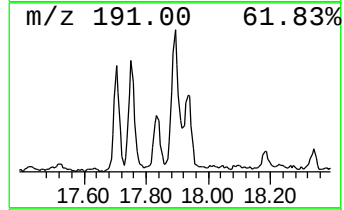
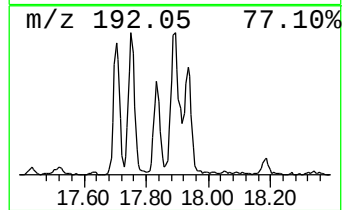
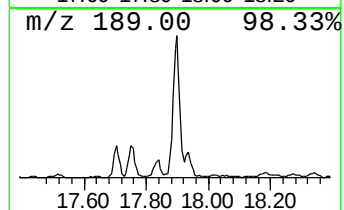
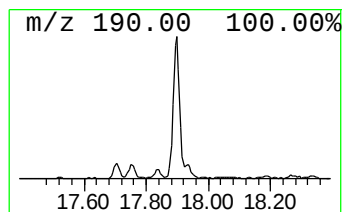
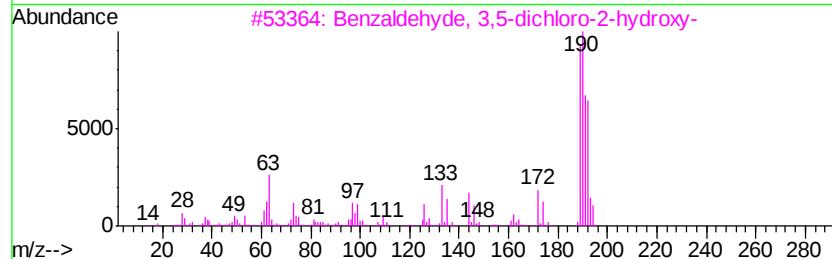
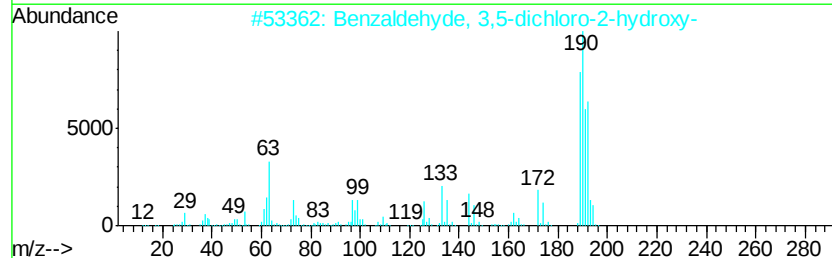
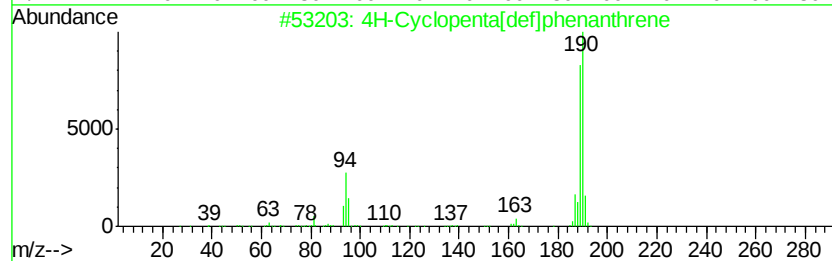
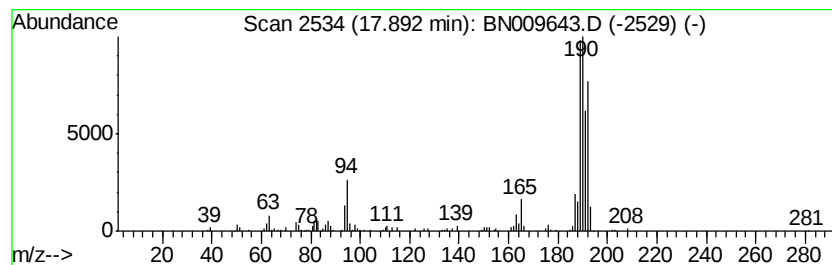
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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.		
17.89	3.70 ng/ul	474627	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



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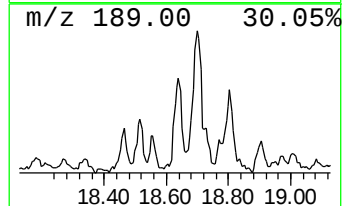
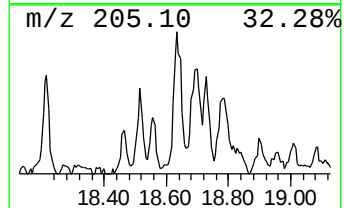
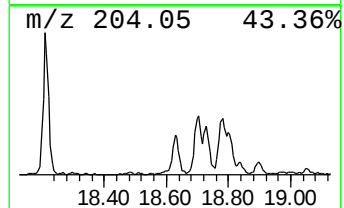
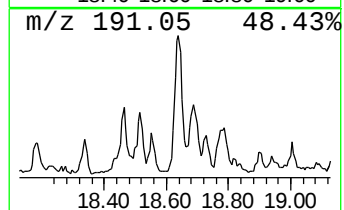
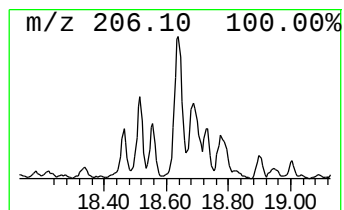
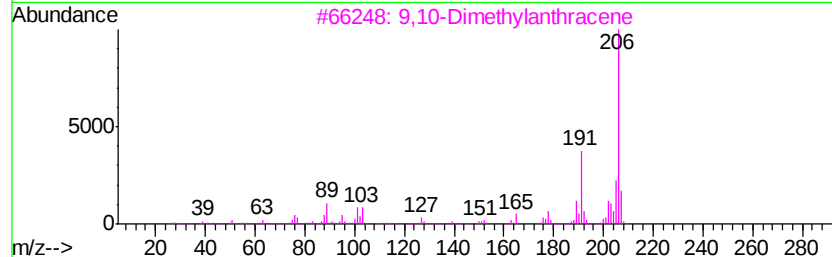
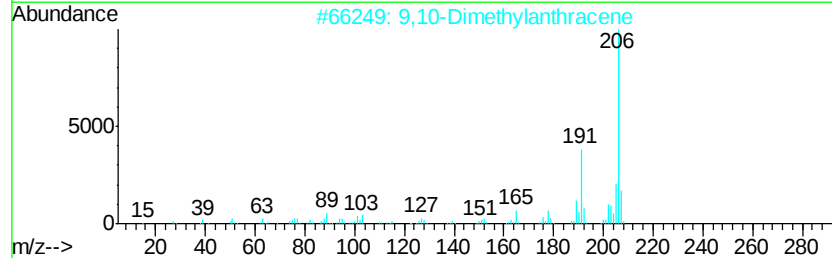
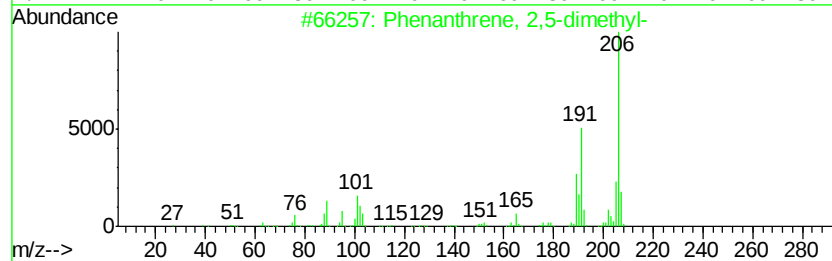
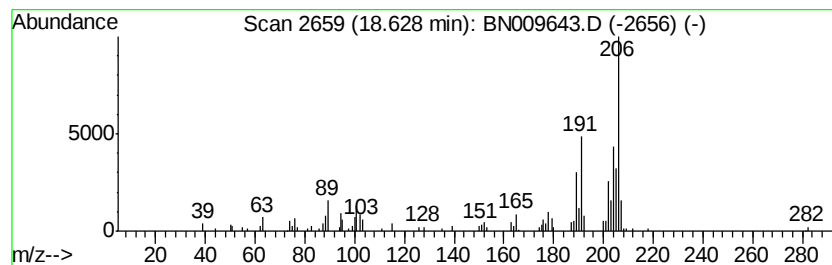
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Peak Number 2 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.14 ng/ul	274596	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	17.89	3.7	ng/ul	474627	4	16.83	2565060	20.0
Phenanthrene, 2,5...	18.63	2.1	ng/ul	274596	4	16.83	2565060	20.0