

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
 Data File : BM006465.D
 Acq On : 16 Jul 2016 05:03
 Operator : UM/SJ
 Sample : H3992-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ96

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.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	6.792	709	715	728	rBV	277697	481626	14.95%	1.287%
2	6.957	737	743	757	rBV	219018	349002	10.84%	0.933%
3	7.151	769	776	786	rBV	294579	467451	14.51%	1.249%
4	7.616	846	855	866	rVB	560616	920315	28.58%	2.460%
5	8.328	969	976	992	rVB	339167	589174	18.29%	1.575%
6	8.769	1045	1051	1061	rBV	289128	487819	15.15%	1.304%
7	9.486	1166	1173	1188	rBV	245189	417987	12.98%	1.117%
8	10.022	1258	1264	1275	rVB	337832	582677	18.09%	1.557%
9	10.392	1316	1327	1334	rBV	736774	1352323	41.99%	3.614%
10	10.539	1344	1352	1364	rBV	314727	608007	18.88%	1.625%
11	12.063	1606	1611	1618	rVB2	31505	56527	1.76%	0.151%
12	12.286	1644	1649	1658	rBV2	34527	58272	1.81%	0.156%
13	13.092	1782	1786	1792	rVB4	18810	32832	1.02%	0.088%
14	13.292	1815	1820	1832	rVB2	24268	54310	1.69%	0.145%
15	13.439	1837	1845	1851	rBV3	23600	59773	1.86%	0.160%
16	13.586	1863	1870	1875	rBV	46555	91827	2.85%	0.245%
17	13.639	1875	1879	1881	rVV2	26800	38214	1.19%	0.102%
18	13.680	1881	1886	1890	rVV	745391	1070915	33.25%	2.862%
19	13.727	1890	1894	1903	rVV	804321	1234941	38.34%	3.301%
20	13.957	1926	1933	1944	rBV	796309	1299586	40.35%	3.474%
21	14.174	1964	1970	1974	rBV3	25571	38787	1.20%	0.104%
22	14.268	1978	1986	1993	rVV2	1087777	1794345	55.71%	4.796%
23	14.333	1993	1997	2006	rVB	53425	93685	2.91%	0.250%
24	14.486	2017	2023	2033	rBV	300723	549496	17.06%	1.469%
25	14.674	2050	2055	2060	rVB4	29833	52348	1.63%	0.140%
26	14.745	2062	2067	2072	rVB3	26104	41780	1.30%	0.112%
27	14.798	2072	2076	2082	rVB4	24280	39412	1.22%	0.105%
28	14.886	2084	2091	2097	rBV8	25803	61666	1.91%	0.165%
29	15.062	2113	2121	2124	rBV7	23347	56160	1.74%	0.150%
30	15.133	2129	2133	2139	rVB3	36080	57430	1.78%	0.153%
31	15.262	2143	2155	2161	rBV	1039167	1675736	52.03%	4.479%
32	15.315	2161	2164	2171	rVB	56984	89694	2.78%	0.240%
33	15.398	2173	2178	2184	rBV	275928	404940	12.57%	1.082%
34	15.533	2195	2201	2207	rVB4	66120	115645	3.59%	0.309%

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35	15.739	2232	2236	2248	rVB5	29659	73259	2.27%	0.196%
36	16.015	2275	2283	2294	rVB3	83853	234648	7.29%	0.627%
37	16.333	2329	2337	2340	rBV7	46853	105776	3.28%	0.283%
38	16.374	2340	2344	2351	rVV5	40687	90540	2.81%	0.242%
39	16.474	2355	2361	2368	rVB5	25470	51929	1.61%	0.139%
40	16.680	2393	2396	2403	rVB5	27632	38763	1.20%	0.104%
41	16.786	2410	2414	2417	rBV	43071	59435	1.85%	0.159%
42	16.833	2418	2422	2434	rVB2	89784	164675	5.11%	0.440%
43	17.015	2447	2453	2458	rBV	1408457	2255568	70.03%	6.029%
44	17.056	2458	2460	2465	rVB	341536	415188	12.89%	1.110%
45	17.115	2465	2470	2475	rBV2	1221357	1842058	57.20%	4.923%
46	17.209	2481	2486	2491	rBV4	32676	57851	1.80%	0.155%
47	17.521	2535	2539	2548	rVB4	38298	72814	2.26%	0.195%
48	17.598	2548	2552	2556	rBV2	32189	45368	1.41%	0.121%
49	17.745	2573	2577	2583	rVB4	22511	41027	1.27%	0.110%
50	17.892	2598	2602	2606	rBV	111265	149800	4.65%	0.400%
51	17.939	2606	2610	2618	rVB	124256	197131	6.12%	0.527%
52	18.021	2620	2624	2629	rBV	75515	114367	3.55%	0.306%
53	18.086	2629	2635	2639	rVV2	181800	382471	11.88%	1.022%
54	18.121	2639	2641	2647	rVB2	115307	146530	4.55%	0.392%
55	18.221	2653	2658	2666	rBV5	29261	69527	2.16%	0.186%
56	18.398	2684	2688	2694	rVB	70690	96901	3.01%	0.259%
57	18.621	2722	2726	2727	rBV4	24750	34015	1.06%	0.091%
58	18.733	2743	2745	2750	rVB2	38560	43944	1.36%	0.117%
59	18.815	2754	2759	2764	rBV2	121424	215673	6.70%	0.576%
60	18.880	2764	2770	2773	rVV4	58921	113631	3.53%	0.304%
61	18.980	2780	2787	2791	rBV3	37489	97148	3.02%	0.260%
62	19.080	2800	2804	2809	rVB	364243	491752	15.27%	1.314%
63	19.145	2810	2815	2819	rVB2	95511	139570	4.33%	0.373%
64	19.233	2826	2830	2836	rBV	108871	141766	4.40%	0.379%
65	19.356	2848	2851	2855	rVB3	48483	66527	2.07%	0.178%
66	19.421	2856	2862	2865	rBV2	1552644	2407386	74.75%	6.434%
67	19.527	2876	2880	2885	rVB3	47479	69493	2.16%	0.186%
68	19.621	2892	2896	2899	rBV6	23585	36096	1.12%	0.096%
69	19.686	2905	2907	2915	rVB8	32904	46006	1.43%	0.123%
70	19.774	2918	2922	2933	rVV3	71258	163718	5.08%	0.438%
71	19.909	2941	2945	2947	rVV4	60373	93279	2.90%	0.249%

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72	19.945	2948	2951	2959	rVB2	161631	230641	7.16%	0.616%
73	20.045	2965	2968	2973	rVV	117103	158726	4.93%	0.424%
74	20.103	2974	2978	2982	rVV	91421	120636	3.75%	0.322%
75	20.203	2991	2995	2999	rBV	59177	82215	2.55%	0.220%
76	20.244	2999	3002	3006	rVV	70439	96994	3.01%	0.259%
77	20.292	3006	3010	3015	rVB2	84191	128851	4.00%	0.344%
78	20.862	3104	3107	3110	rVB	42671	47396	1.47%	0.127%
79	20.897	3110	3113	3117	rBV	56747	70883	2.20%	0.189%
80	20.939	3117	3120	3124	rBV	48605	64637	2.01%	0.173%
81	21.215	3160	3167	3171	rBV2	2184778	3220660	100.00%	8.608%
82	21.250	3171	3173	3182	rVB	266934	377161	11.71%	1.008%
83	21.368	3191	3193	3199	rBV5	37675	50599	1.57%	0.135%
84	21.703	3248	3250	3254	rBV3	34890	48533	1.51%	0.130%
85	21.762	3254	3260	3264	rVV	98515	172911	5.37%	0.462%
86	22.250	3340	3343	3347	rBV4	49645	65664	2.04%	0.176%
87	22.750	3423	3428	3434	rBV2	134966	340225	10.56%	0.909%
88	22.927	3454	3458	3465	rVB	68240	127015	3.94%	0.339%
89	23.227	3504	3509	3511	rBV	97789	169199	5.25%	0.452%
90	23.274	3511	3517	3523	rBV2	1227463	2293950	71.23%	6.131%
91	23.415	3534	3541	3557	rVB	1392638	2930747	91.00%	7.833%
92	23.915	3622	3626	3636	rVB2	102649	204371	6.35%	0.546%
93	24.638	3743	3749	3757	rVB3	102715	221770	6.89%	0.593%

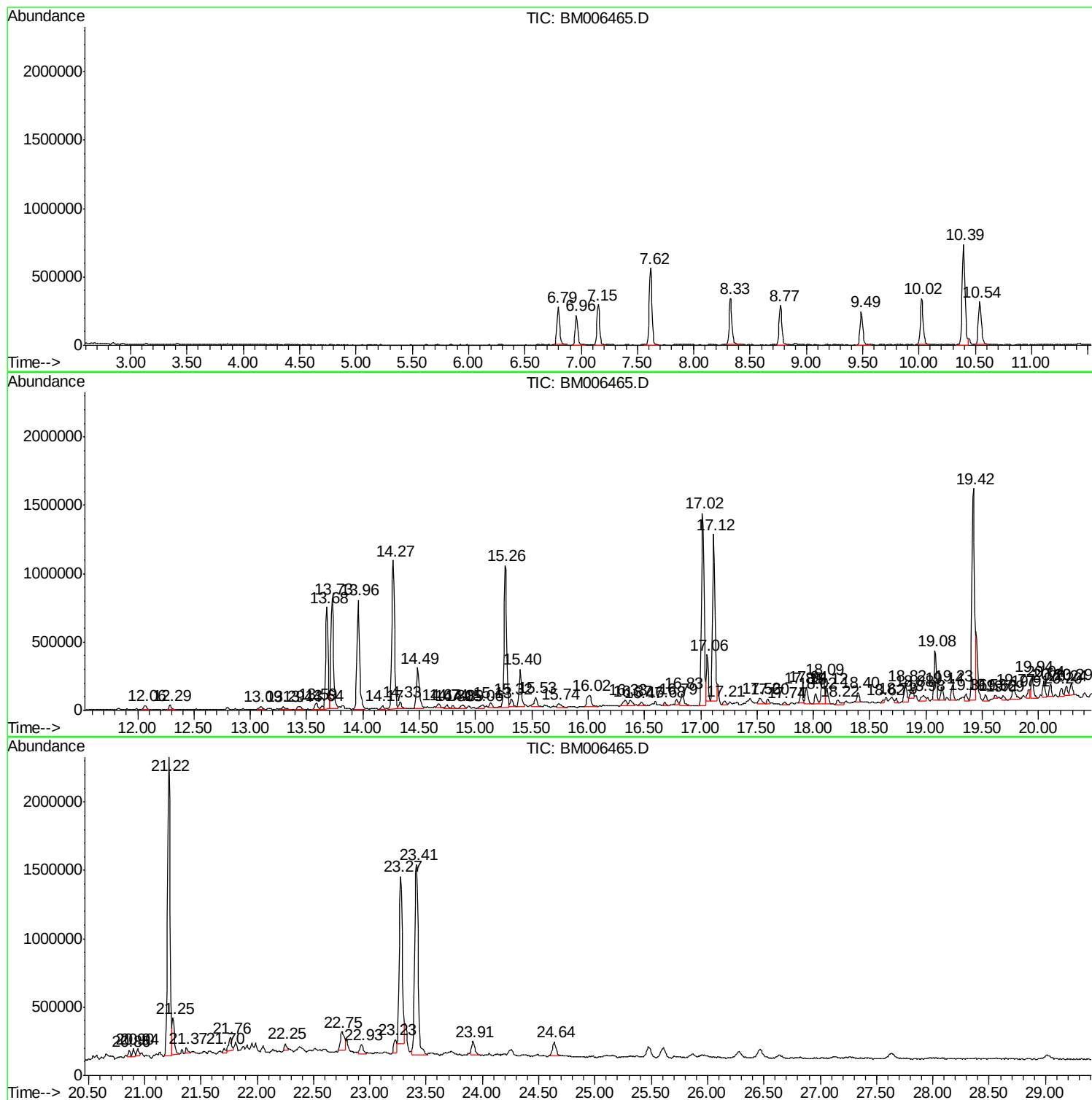
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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



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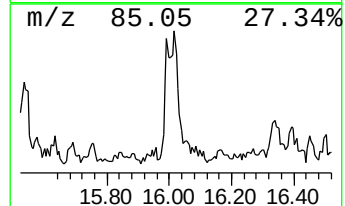
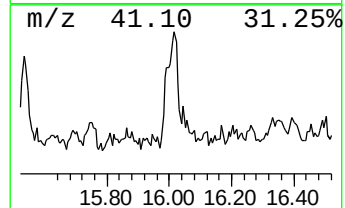
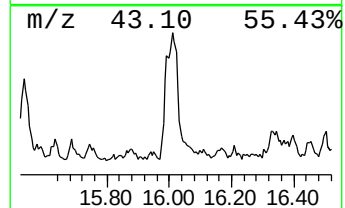
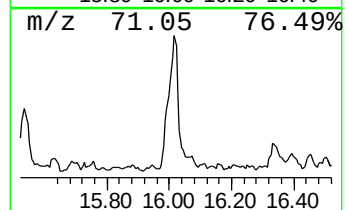
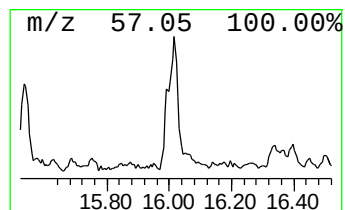
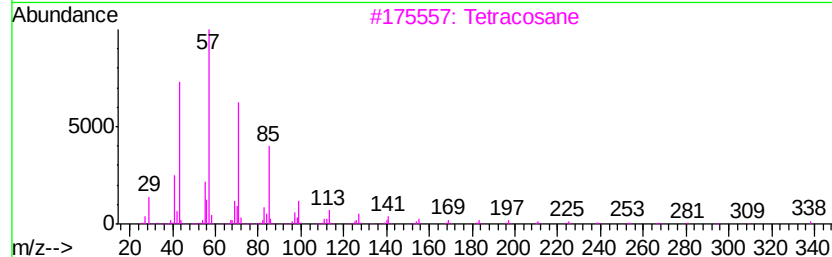
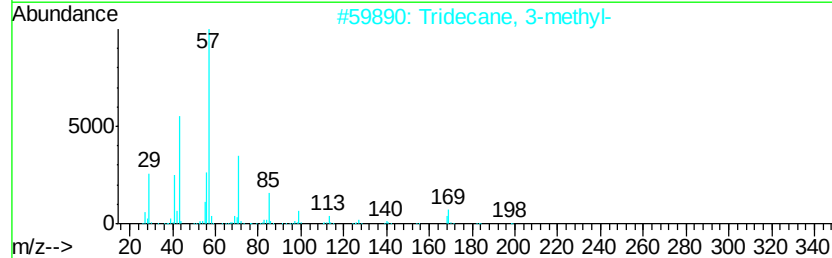
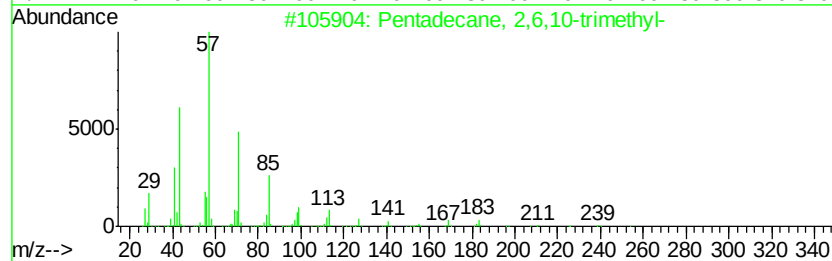
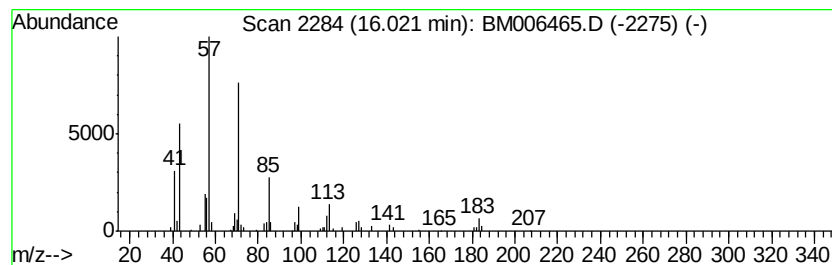
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	2.08 ng/ul	234648	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
3			Tetracosane	338	C24H50	000646-31-1	72
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



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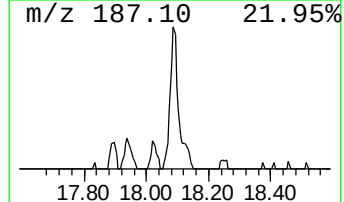
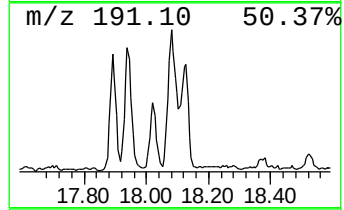
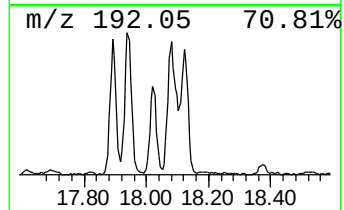
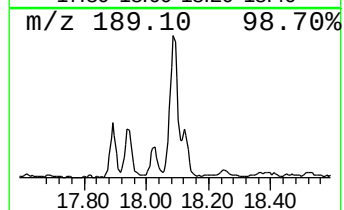
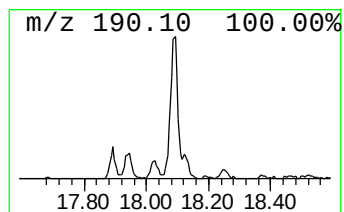
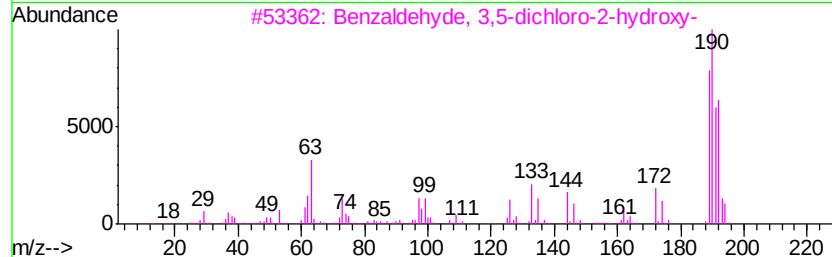
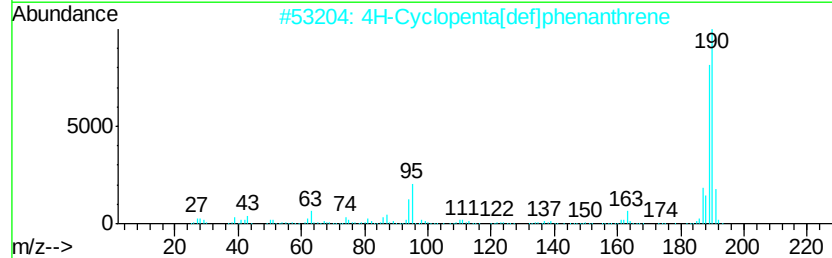
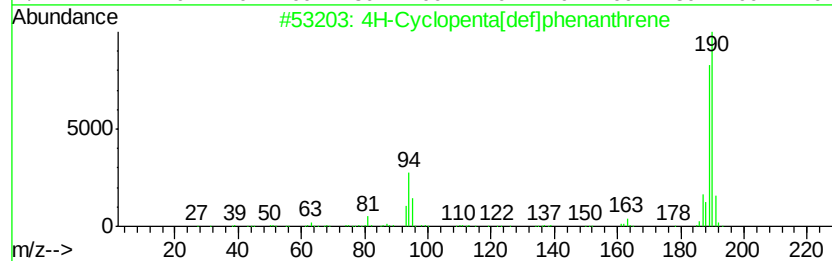
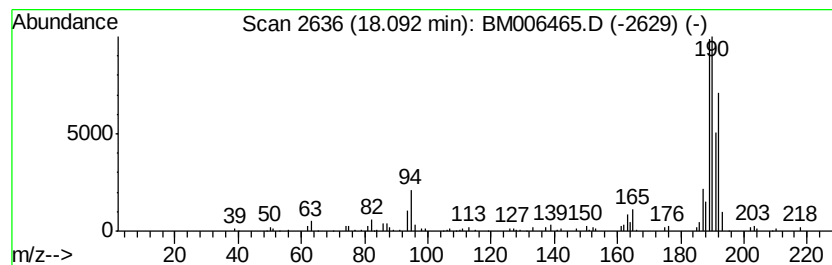
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	3.39 ng/ul	382471	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
5		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	16.02	2.1	ng/ul	234648	4	17.02	2255570	20.0
4H-Cyclopenta[def...	18.09	3.4	ng/ul	382471	4	17.02	2255570	20.0