

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023251.D
 Acq On : 18 Oct 2019 10:39
 Operator : JU
 Sample : K5235-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPC4

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-BM101419MA.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	3.175	29	32	43	rVB	61861	105959	1.27%	0.113%
2	3.681	114	118	125	rVB	83601	108140	1.30%	0.115%
3	3.816	138	141	147	rVB	31554	48082	0.58%	0.051%
4	3.898	151	155	160	rVB	36920	52956	0.64%	0.056%
5	4.222	207	210	215	rBV	22085	25645	0.31%	0.027%
6	4.804	305	309	313	rBV2	19531	32861	0.40%	0.035%
7	6.340	563	570	575	rBV10	12486	27085	0.33%	0.029%
8	6.834	647	654	667	rVB2	807890	1469926	17.69%	1.561%
9	6.998	675	682	691	rBV	665226	1081011	13.01%	1.148%
10	7.192	709	715	722	rBV	929633	1479433	17.80%	1.571%
11	7.657	787	794	802	rBV	1453242	2286793	27.52%	2.428%
12	7.734	804	807	816	rVV4	19319	31300	0.38%	0.033%
13	8.363	907	914	925	rBV	825986	1347751	16.22%	1.431%
14	8.804	978	989	1000	rBV	837690	1400012	16.85%	1.487%
15	8.992	1015	1021	1025	rVB7	16747	27623	0.33%	0.029%
16	9.286	1064	1071	1076	rBV2	33518	58629	0.71%	0.062%
17	9.522	1102	1111	1119	rBV	664765	1133304	13.64%	1.203%
18	10.063	1195	1203	1212	rBV	1117629	1842425	22.17%	1.956%
19	10.439	1258	1267	1282	rBV	1859705	3191277	38.40%	3.389%
20	10.575	1282	1290	1302	rBV	820439	1476534	17.77%	1.568%
21	10.869	1333	1340	1343	rBV2	15779	29031	0.35%	0.031%
22	12.033	1533	1538	1544	rVV2	21825	36270	0.44%	0.039%
23	12.110	1546	1551	1557	rBV6	13894	25499	0.31%	0.027%
24	12.874	1675	1681	1686	rVV2	17982	30800	0.37%	0.033%
25	13.633	1802	1810	1814	rBV5	43561	69865	0.84%	0.074%
26	13.721	1819	1825	1829	rVV	2071962	2891272	34.79%	3.070%
27	13.768	1829	1833	1839	rVV	570178	812415	9.78%	0.863%
28	13.992	1864	1871	1886	rVB	2353683	3667657	44.13%	3.895%
29	14.304	1917	1924	1931	rVV	2873714	4215316	50.72%	4.476%
30	14.368	1931	1935	1940	rVB	33298	47271	0.57%	0.050%
31	14.504	1951	1958	1967	rBV	394339	622992	7.50%	0.662%
32	14.580	1967	1971	1976	rVV8	13561	31352	0.38%	0.033%
33	14.657	1978	1984	1988	rVV3	34553	73928	0.89%	0.079%
34	14.727	1989	1996	2002	rVV3	176535	295720	3.56%	0.314%

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35	14.792	2002	2007	2010	rVV7	14553	24397	0.29%	0.026%
36	14.927	2024	2030	2035	rBV7	17201	34835	0.42%	0.037%
37	15.139	2062	2066	2070	rVB2	30674	43109	0.52%	0.046%
38	15.192	2072	2075	2080	rVB5	25860	34162	0.41%	0.036%
39	15.298	2086	2093	2099	rBV	3122914	4444710	53.48%	4.720%
40	15.357	2099	2103	2108	rVB2	78268	120535	1.45%	0.128%
41	15.415	2108	2113	2122	rBV	498799	777275	9.35%	0.825%
42	15.545	2127	2135	2137	rBV4	42676	86347	1.04%	0.092%
43	15.651	2148	2153	2156	rBV4	29926	39759	0.48%	0.042%
44	15.762	2165	2172	2174	rBV7	11676	23530	0.28%	0.025%
45	15.798	2174	2178	2187	rVB9	19326	46962	0.57%	0.050%
46	16.033	2209	2218	2219	rBV6	20189	41968	0.50%	0.045%
47	16.051	2219	2221	2224	rVV4	23701	31541	0.38%	0.033%
48	16.086	2224	2227	2233	rVB8	22449	32515	0.39%	0.035%
49	16.245	2251	2254	2259	rVB2	34503	53520	0.64%	0.057%
50	16.362	2270	2274	2279	rVB	96461	131146	1.58%	0.139%
51	16.415	2279	2283	2287	rBV7	13023	21120	0.25%	0.022%
52	16.609	2310	2316	2317	rBV5	24680	37065	0.45%	0.039%
53	16.704	2328	2332	2334	rBV2	23326	31086	0.37%	0.033%
54	16.792	2343	2347	2350	rBV6	16442	25546	0.31%	0.027%
55	17.051	2384	2391	2395	rBV	3550345	5061335	60.90%	5.375%
56	17.092	2395	2398	2402	rVB	710892	879166	10.58%	0.934%
57	17.145	2402	2407	2412	rBV	3415953	4952242	59.59%	5.259%
58	17.245	2420	2424	2430	rVB5	44710	72423	0.87%	0.077%
59	17.451	2454	2459	2466	rVB	124738	224755	2.70%	0.239%
60	17.580	2478	2481	2485	rBV2	25921	38916	0.47%	0.041%
61	17.633	2486	2490	2493	rVV2	44146	63013	0.76%	0.067%
62	17.768	2511	2513	2519	rVB3	30145	43880	0.53%	0.047%
63	17.927	2535	2540	2544	rBV	174902	258429	3.11%	0.274%
64	17.974	2544	2548	2555	rVB	275077	372692	4.48%	0.396%
65	18.039	2555	2559	2566	rBV2	145045	260040	3.13%	0.276%
66	18.115	2567	2572	2577	rBV2	273432	534921	6.44%	0.568%
67	18.156	2577	2579	2583	rVB	132385	147932	1.78%	0.157%
68	18.239	2589	2593	2594	rBV4	29081	42146	0.51%	0.045%
69	18.274	2595	2599	2603	rVB4	82511	125556	1.51%	0.133%
70	18.433	2620	2626	2628	rBV2	120213	188363	2.27%	0.200%
71	18.462	2628	2631	2638	rVB5	117386	175600	2.11%	0.186%

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72	18.680	2665	2668	2673	rVB2	67295	90153	1.08%	0.096%
73	18.733	2674	2677	2680	rVV2	67625	80718	0.97%	0.086%
74	18.768	2681	2683	2687	rVB	63289	68654	0.83%	0.073%
75	18.850	2693	2697	2702	rBV	217493	335431	4.04%	0.356%
76	18.909	2705	2707	2711	rVB4	90776	124230	1.49%	0.132%
77	18.986	2716	2720	2728	rVV5	138004	276169	3.32%	0.293%
78	19.109	2736	2741	2747	rVB	1954157	2582887	31.08%	2.743%
79	19.186	2751	2754	2757	rBV2	69598	103822	1.25%	0.110%
80	19.262	2764	2767	2770	rBV	68210	89452	1.08%	0.095%
81	19.445	2793	2798	2801	rBV	4986340	7015204	84.41%	7.449%
82	19.474	2801	2803	2812	rVB	2080961	2434480	29.29%	2.585%
83	19.686	2836	2839	2843	rBV	556608	678376	8.16%	0.720%
84	19.803	2856	2859	2865	rBV4	136135	273501	3.29%	0.290%
85	19.974	2885	2888	2893	rVB2	352352	485970	5.85%	0.516%
86	20.074	2902	2905	2910	rBV	231718	277190	3.34%	0.294%
87	20.133	2911	2915	2919	rBV2	279811	415603	5.00%	0.441%
88	20.274	2935	2939	2942	rBV	226848	291086	3.50%	0.309%
89	20.315	2944	2946	2951	rVB	202480	245618	2.96%	0.261%
90	20.397	2957	2960	2963	rVB	137711	142872	1.72%	0.152%
91	20.486	2972	2975	2980	rBV	192507	203645	2.45%	0.216%
92	20.986	3057	3060	3073	rVB4	661544	1116394	13.43%	1.185%
93	21.186	3091	3094	3097	rBV	703236	730276	8.79%	0.775%
94	21.244	3097	3104	3107	rVV2	5021047	8310871	100.00%	8.825%
95	21.280	3107	3110	3117	rVB	1462616	1849060	22.25%	1.963%
96	21.868	3207	3210	3214	rVB2	533197	628319	7.56%	0.667%
97	22.791	3363	3367	3371	rBV	1085755	2032544	24.46%	2.158%
98	22.833	3371	3374	3379	rVB	1403727	2053452	24.71%	2.181%
99	23.315	3450	3456	3460	rBV	3387531	5850782	70.40%	6.213%
100	23.450	3474	3479	3486	rVB	3291024	5787161	69.63%	6.145%

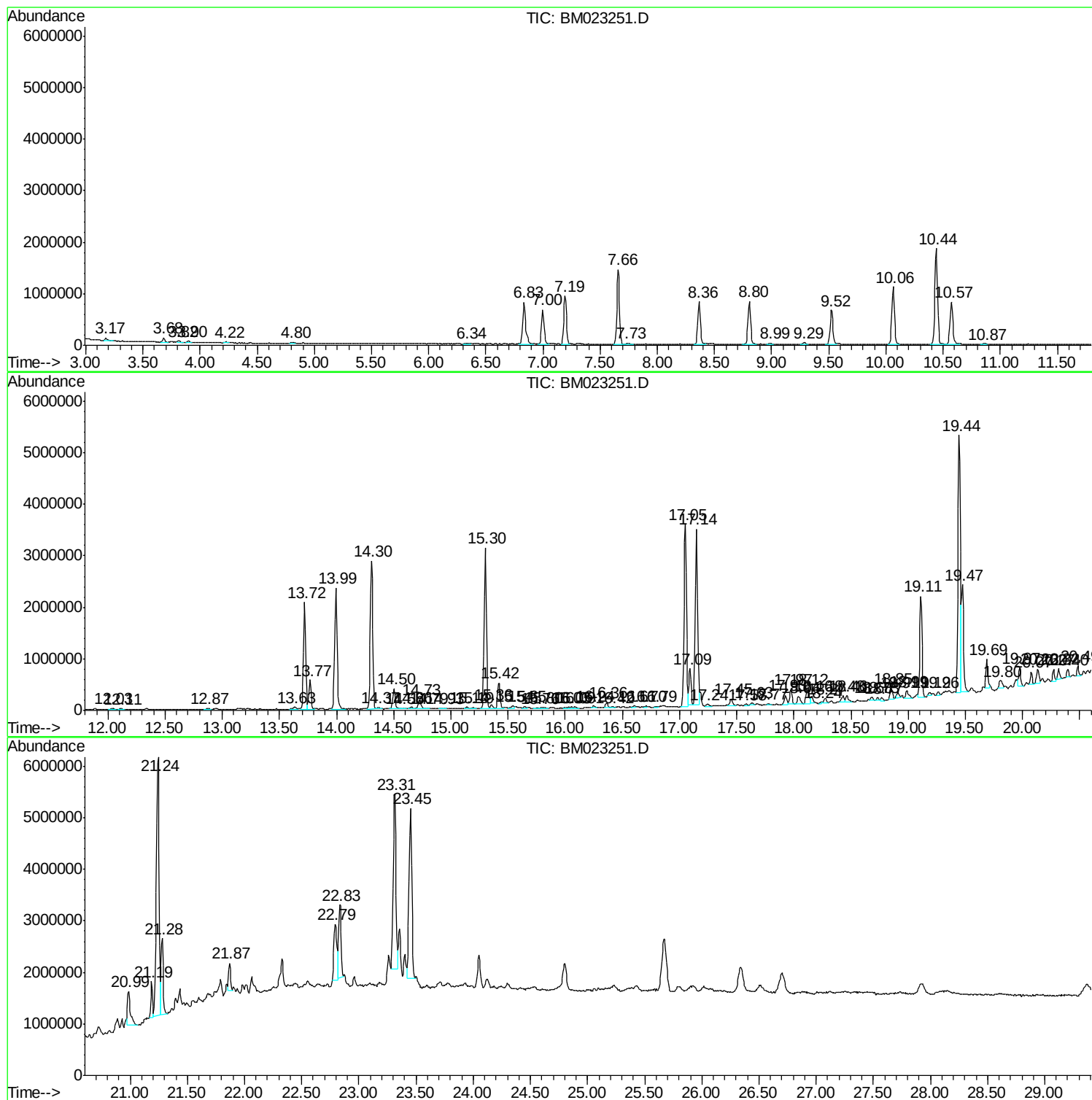
Sum of corrected areas: 94172591

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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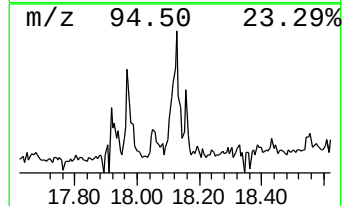
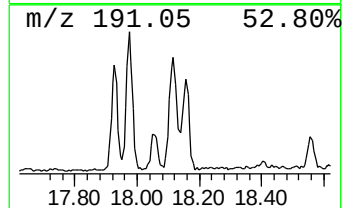
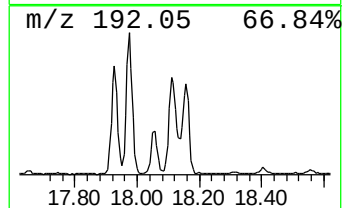
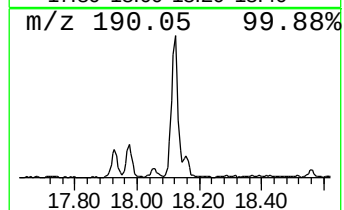
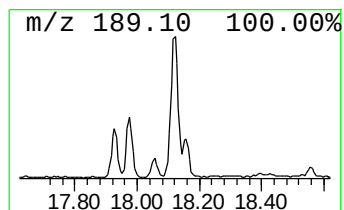
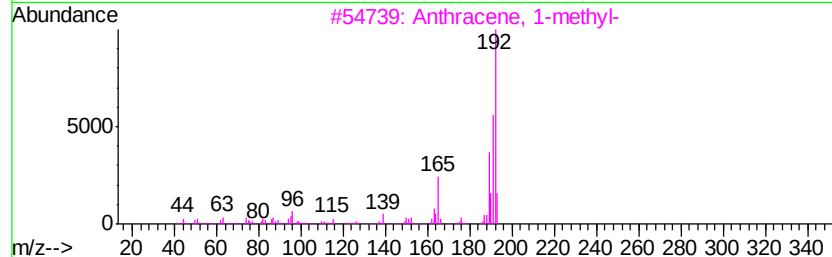
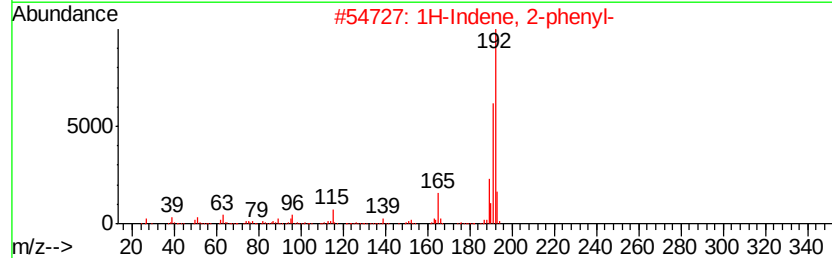
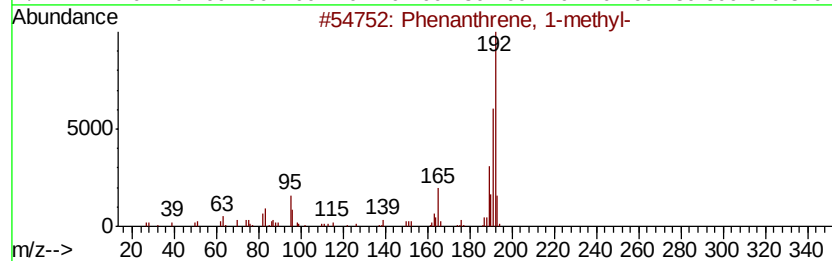
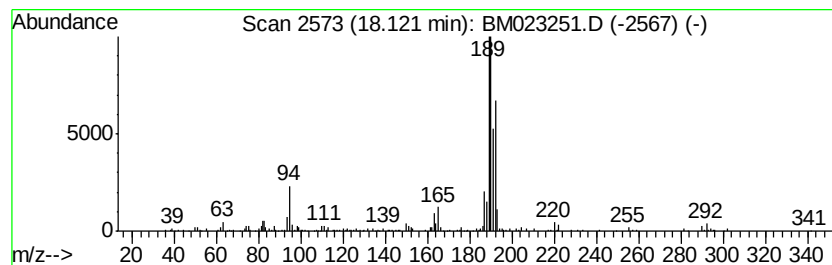
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.12	2.11 ng/ul	534921	Phenanthrene-d10		17.05		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	43



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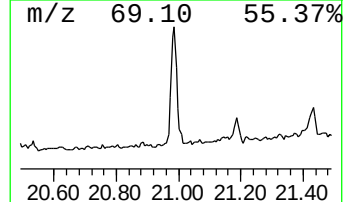
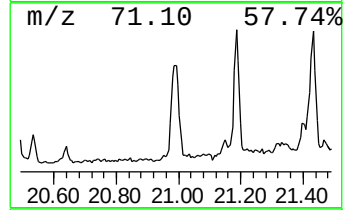
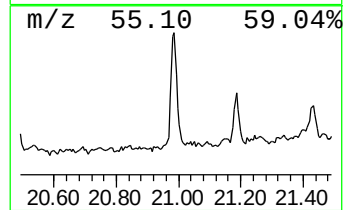
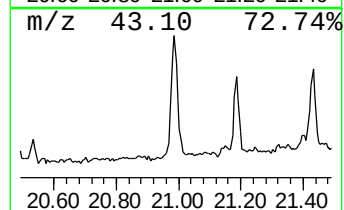
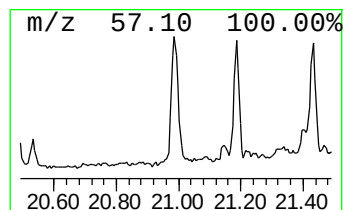
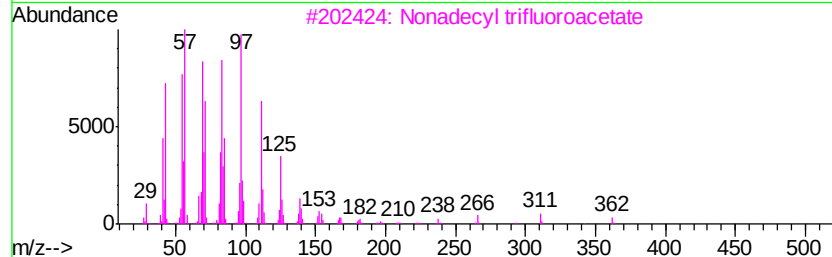
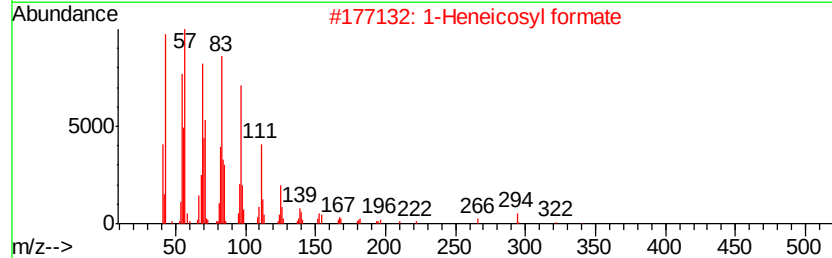
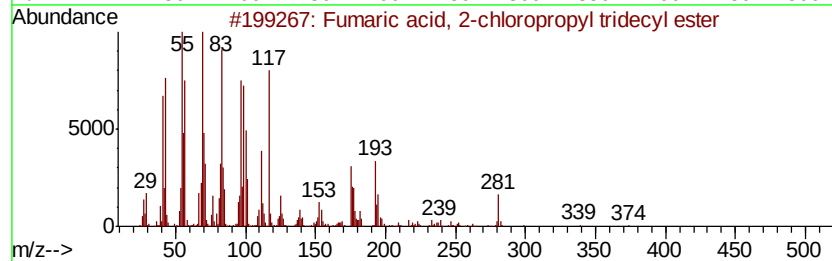
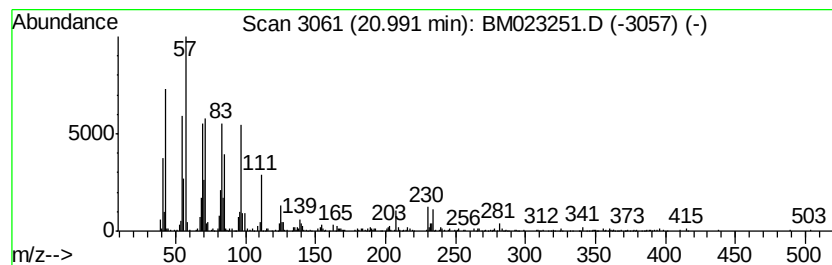
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Fumaric acid, 2-chloropropyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.99	2.69 ng/ul	1116390	Chrysene-d12	21.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	94	
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94	
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91	
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91	
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	18.12	2.1	ng/ul	534921	4	17.05	5061340	20.0
Fumaric acid, 2-c...	20.99	2.7	ng/ul	1116390	5	21.24	8310870	20.0