

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020473.D
 Acq On : 21 May 2019 23:10
 Operator : JU/SJ
 Sample : K2923-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4253

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-BM051619MA.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	6.892	658	664	678	rVB	139083	259566	19.51%	1.662%
2	7.063	688	693	707	rVB	109289	186765	14.04%	1.196%
3	7.251	720	725	733	rVB	156213	253292	19.04%	1.622%
4	7.722	799	805	812	rBV	207588	342996	25.79%	2.197%
5	8.428	919	925	937	rBV	143340	257609	19.37%	1.650%
6	8.892	998	1004	1014	rBV	126011	219688	16.52%	1.407%
7	9.228	1058	1061	1066	rVB3	6637	9144	0.69%	0.059%
8	9.604	1120	1125	1139	rVB	104758	193024	14.51%	1.236%
9	9.692	1139	1140	1146	rBV2	2394	2548	0.19%	0.016%
10	10.139	1209	1216	1231	rBV	152334	294749	22.16%	1.888%
11	10.510	1273	1279	1294	rVB	262927	458540	34.47%	2.937%
12	10.669	1299	1306	1319	rBV	86146	186683	14.03%	1.196%
13	12.110	1546	1551	1555	rBV4	1773	2661	0.20%	0.017%
14	13.639	1807	1811	1817	rVB3	7711	12419	0.93%	0.080%
15	13.786	1830	1836	1840	rBV	337111	457025	34.36%	2.927%
16	13.833	1840	1844	1852	rVB	116493	161380	12.13%	1.033%
17	14.069	1875	1884	1893	rBV	337734	516609	38.84%	3.308%
18	14.257	1911	1916	1921	rBV4	3813	6665	0.50%	0.043%
19	14.374	1930	1936	1944	rBV2	412800	619369	46.56%	3.966%
20	14.439	1944	1947	1951	rVB3	6524	7885	0.59%	0.050%
21	14.527	1955	1962	1969	rBV2	4854	8294	0.62%	0.053%
22	14.598	1969	1974	1977	rBV2	43066	75493	5.68%	0.483%
23	14.645	1977	1982	2001	rVV	796918	1276925	96.00%	8.178%
24	14.780	2001	2005	2009	rVB4	8776	13241	1.00%	0.085%
25	14.980	2036	2039	2046	rVB3	1198	1922	0.14%	0.012%
26	15.163	2067	2070	2071	rBV	1548	1671	0.13%	0.011%
27	15.204	2075	2077	2080	rVB3	1765	1828	0.14%	0.012%
28	15.368	2099	2105	2112	rBV	479293	698993	52.55%	4.476%
29	15.427	2112	2115	2121	rVV2	6408	10627	0.80%	0.068%
30	15.504	2124	2128	2138	rVB	101207	146756	11.03%	0.940%
31	15.610	2143	2146	2149	rBV2	2194	2801	0.21%	0.018%
32	15.715	2160	2164	2169	rVB3	2561	4615	0.35%	0.030%
33	15.868	2187	2190	2191	rBV	1435	1631	0.12%	0.010%
34	16.698	2327	2331	2335	rVB3	1715	2451	0.18%	0.016%

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35	16.786	2342	2346	2354	rBV3	6753	10022	0.75%	0.064%
36	16.857	2354	2358	2365	rVV4	2272	4303	0.32%	0.028%
37	16.921	2365	2369	2370	rVV2	1548	1808	0.14%	0.012%
38	16.945	2370	2373	2380	rVB	2890	5080	0.38%	0.033%
39	17.127	2398	2404	2408	rBV	563193	792981	59.61%	5.078%
40	17.168	2408	2411	2415	rVV	148407	199552	15.00%	1.278%
41	17.227	2415	2421	2435	rVB	486756	743415	55.89%	4.761%
42	17.545	2465	2475	2481	rBV2	9228	17541	1.32%	0.112%
43	17.639	2489	2491	2495	rBV3	2515	2580	0.19%	0.017%
44	17.727	2503	2506	2507	rVB3	1809	1550	0.12%	0.010%
45	18.004	2548	2553	2558	rBV2	69849	106058	7.97%	0.679%
46	18.051	2558	2561	2566	rVV2	28018	39276	2.95%	0.252%
47	18.139	2570	2576	2580	rVV4	5221	9974	0.75%	0.064%
48	18.198	2580	2586	2589	rVV2	19838	34907	2.62%	0.224%
49	18.233	2589	2592	2599	rVB3	12199	17007	1.28%	0.109%
50	18.292	2599	2602	2605	rBV4	2641	3605	0.27%	0.023%
51	18.321	2605	2607	2609	rVB4	1836	1426	0.11%	0.009%
52	18.356	2610	2613	2615	rBV3	1420	1881	0.14%	0.012%
53	18.445	2625	2628	2629	rBV2	2811	1877	0.14%	0.012%
54	18.509	2634	2639	2642	rVV	10778	14534	1.09%	0.093%
55	18.556	2644	2647	2653	rVV3	14203	19373	1.46%	0.124%
56	18.621	2656	2658	2664	rVB5	1504	2633	0.20%	0.017%
57	18.709	2671	2673	2676	rVB4	1426	1334	0.10%	0.009%
58	18.751	2676	2680	2683	rBV4	4698	6642	0.50%	0.043%
59	18.803	2685	2689	2692	rVB3	3793	4310	0.32%	0.028%
60	18.839	2692	2695	2698	rVB4	4790	5326	0.40%	0.034%
61	18.868	2698	2700	2704	rBV4	2294	3317	0.25%	0.021%
62	18.927	2704	2710	2716	rBV5	11887	24631	1.85%	0.158%
63	19.068	2729	2734	2740	rBV2	12864	22660	1.70%	0.145%
64	19.186	2745	2754	2763	rBV	273010	393820	29.61%	2.522%
65	19.256	2763	2766	2768	rVB3	2951	2491	0.19%	0.016%
66	19.292	2768	2772	2778	rBV5	24817	35019	2.63%	0.224%
67	19.339	2778	2780	2784	rVB3	5374	5275	0.40%	0.034%
68	19.392	2787	2789	2791	rBV3	2830	3245	0.24%	0.021%
69	19.527	2806	2812	2815	rBV	777236	1093018	82.17%	7.000%
70	19.627	2825	2829	2833	rVB4	13729	17930	1.35%	0.115%
71	19.739	2839	2848	2852	rBV3	13947	28807	2.17%	0.184%

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72	19.803	2855	2859	2864	rVB6	6244	12527	0.94%	0.080%
73	19.886	2867	2873	2880	rVV7	15245	38708	2.91%	0.248%
74	20.021	2891	2896	2897	rBV4	18617	24788	1.86%	0.159%
75	20.045	2898	2900	2907	rVB6	26520	40517	3.05%	0.259%
76	20.209	2923	2928	2932	rBV4	20168	31188	2.34%	0.200%
77	20.350	2948	2952	2955	rBV	15371	22024	1.66%	0.141%
78	20.392	2957	2959	2963	rVB3	14421	17211	1.29%	0.110%
79	20.550	2983	2986	2991	rVB6	12099	14588	1.10%	0.093%
80	20.803	3025	3029	3035	rBV	36806	54130	4.07%	0.347%
81	21.015	3060	3065	3075	rBV5	149100	263357	19.80%	1.687%
82	21.097	3077	3079	3084	rVB	36577	50304	3.78%	0.322%
83	21.221	3096	3100	3105	rBV	175674	207268	15.58%	1.327%
84	21.321	3110	3117	3121	rVV2	889505	1330174	100.00%	8.519%
85	21.356	3121	3123	3129	rVB	138508	162594	12.22%	1.041%
86	22.856	3375	3378	3382	rBV	88542	128423	9.65%	0.822%
87	22.909	3382	3387	3398	rVB	139049	396280	29.79%	2.538%
88	23.444	3472	3478	3483	rBV2	549922	1002554	75.37%	6.420%
89	23.591	3497	3503	3519	rVB	569632	1213955	91.26%	7.774%
90	24.085	3582	3587	3594	rVB	119256	229389	17.25%	1.469%

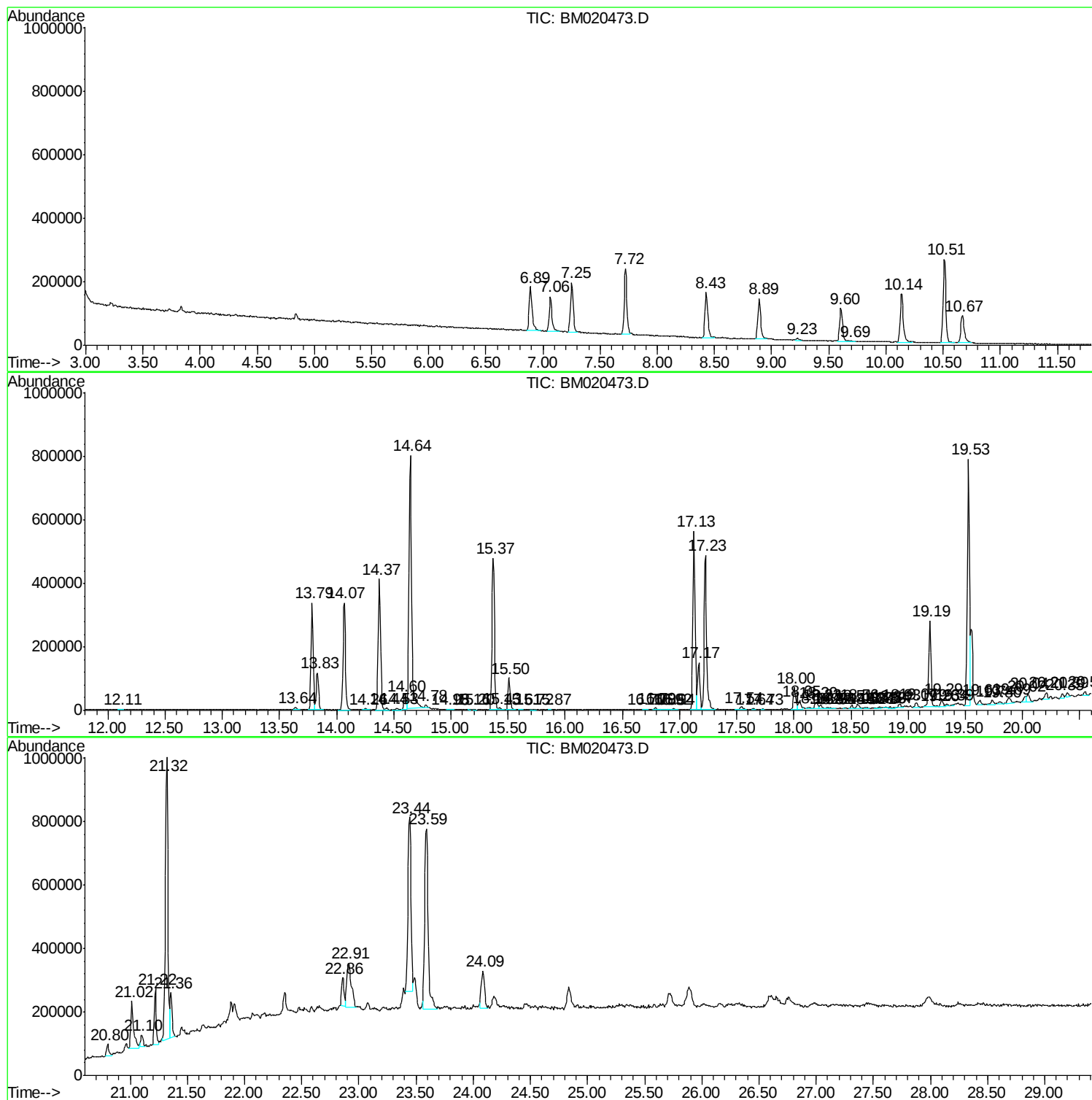
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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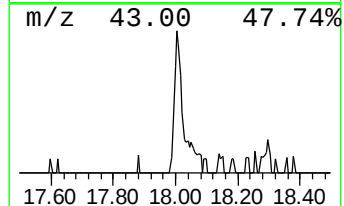
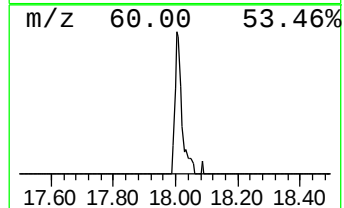
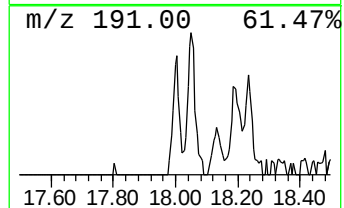
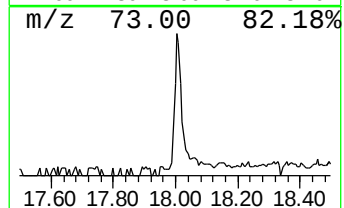
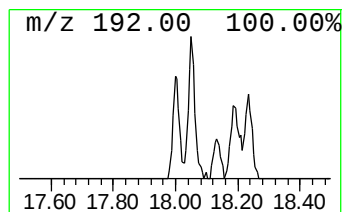
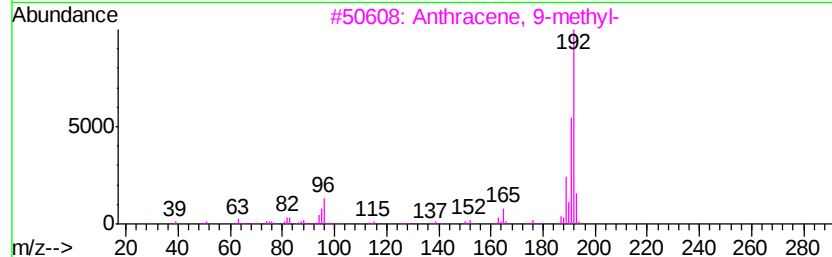
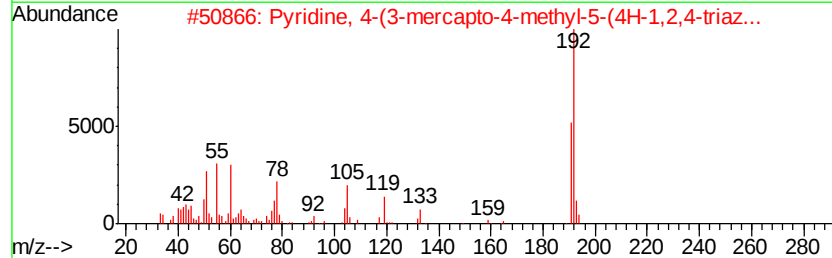
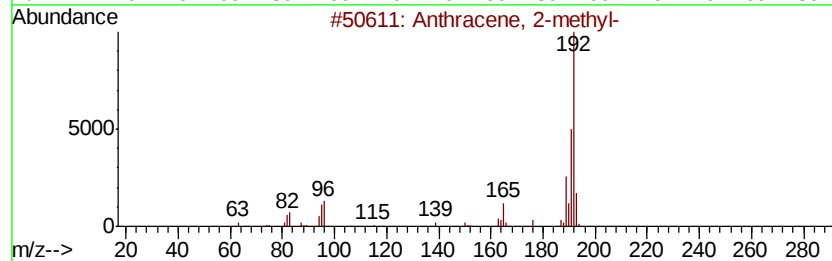
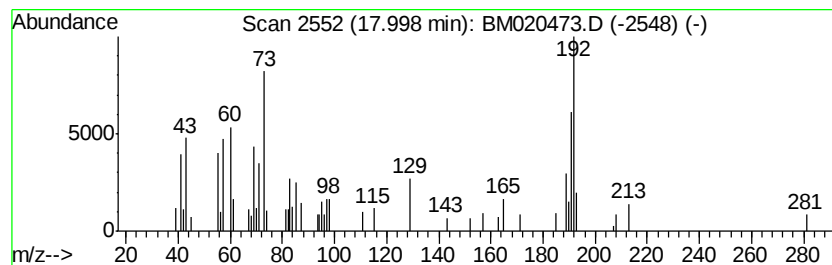
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.67 ng/ul	106058	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	45
2		Pyridine, 4-(3-mercapto-4-methyl...	192	C8H8N4S	003652-32-2	38
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	38
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	30
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30



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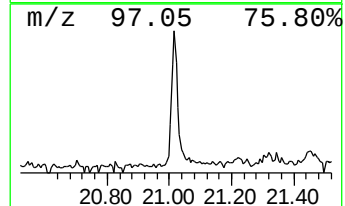
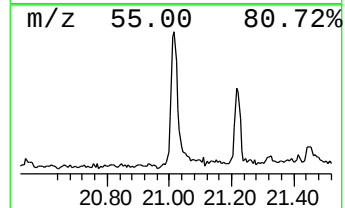
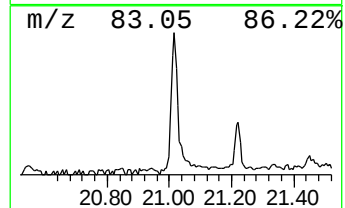
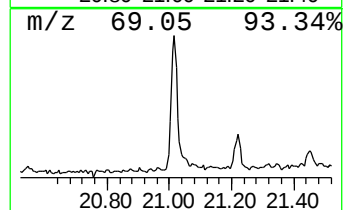
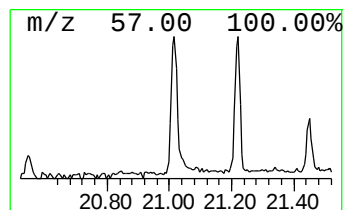
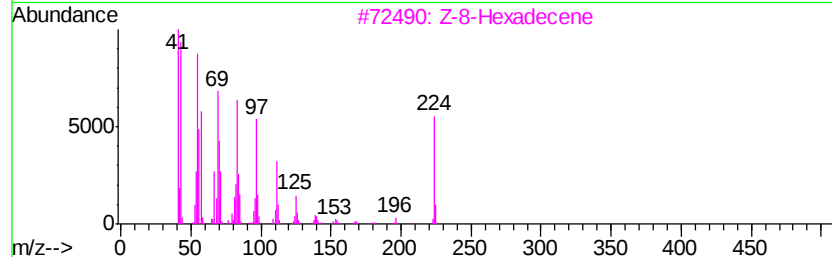
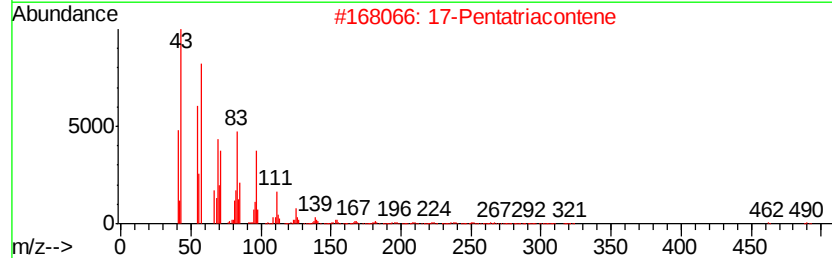
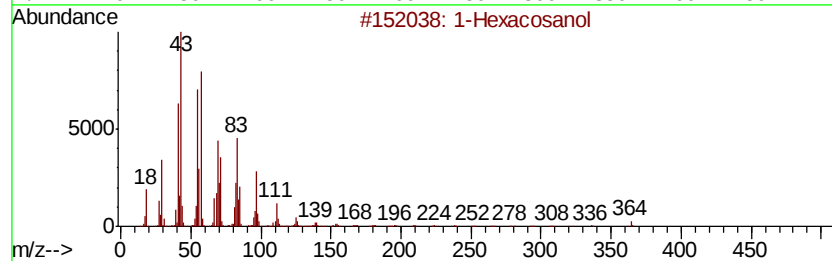
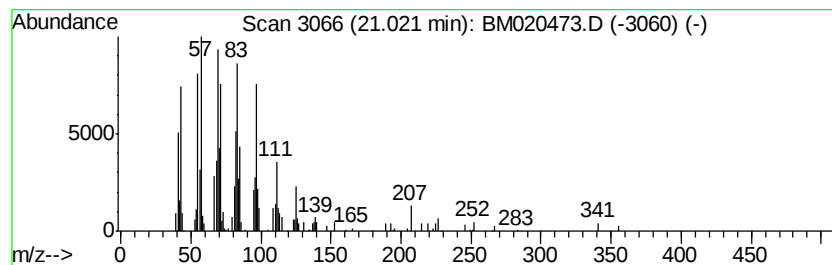
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Hexacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.96 ng/ul	263357	Chrysene-d12	21.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol		382	C26H54O	000506-52-5	91
2	17-Pentatriacontene		491	C35H70	006971-40-0	91
3	Z-8-Hexadecene		224	C16H32	1000130-87-5	91
4	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	83
5	1-Tetracosanol		354	C24H50O	000506-51-4	83



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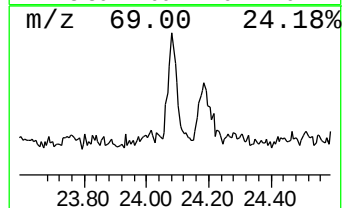
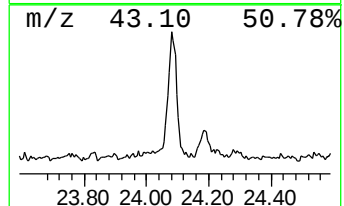
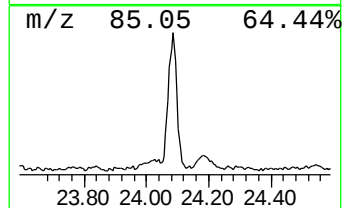
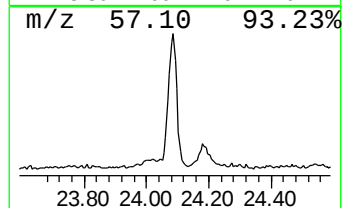
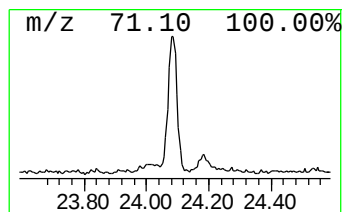
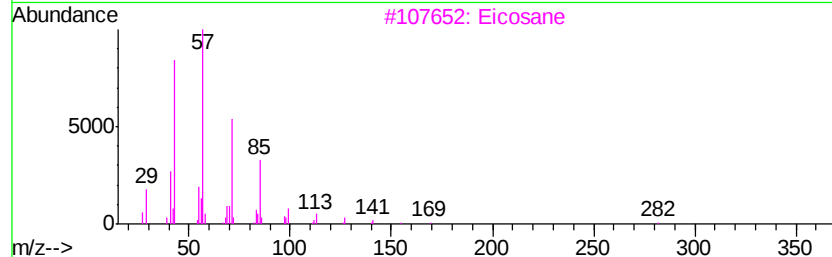
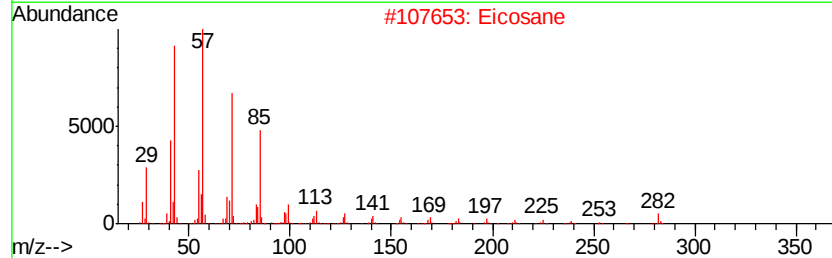
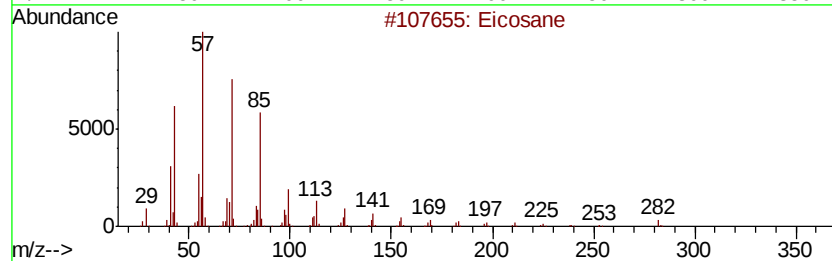
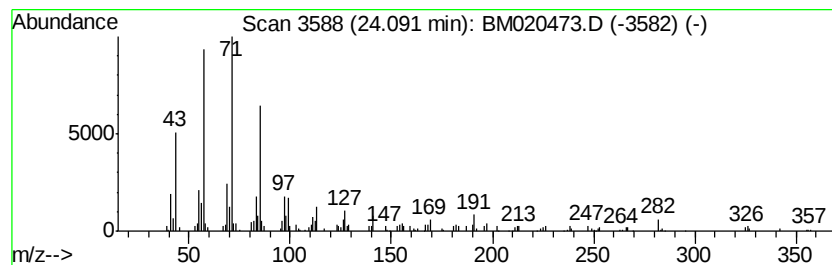
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	3.78 ng/ul	229389	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Nonacosane	408	C29H60	000630-03-5	83
5		Tetratetracontane	619	C44H90	007098-22-8	81



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	18.00	2.7	ng/ul	106058	4	17.13	792981	20.0
1-Hexacosanol	21.02	4.0	ng/ul	263357	5	21.32	1330170	20.0
(DEL) Alkane: Str...	24.09	3.8	ng/ul	229389	6	23.59	1213960	20.0