

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020469.D
 Acq On : 21 May 2019 20:43
 Operator : JU/SJ
 Sample : K2923-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4261

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	6.893	658	664	673	rBV	145229	262064	20.18%	2.209%
2	7.063	688	693	705	rVB	119391	200812	15.46%	1.693%
3	7.251	720	725	735	rVB	174382	283013	21.79%	2.386%
4	7.722	799	805	812	rBV	200939	324123	24.96%	2.733%
5	8.428	919	925	939	rVB	151530	279645	21.53%	2.358%
6	8.557	946	947	951	rVB3	5313	4291	0.33%	0.036%
7	8.892	998	1004	1015	rBV	139710	246343	18.97%	2.077%
8	9.604	1120	1125	1136	rBV	106970	188164	14.49%	1.586%
9	10.134	1209	1215	1227	rBV	161067	300954	23.17%	2.537%
10	10.516	1272	1280	1286	rBV	249199	427239	32.90%	3.602%
11	10.663	1299	1305	1316	rBV	102194	213767	16.46%	1.802%
12	11.581	1455	1461	1474	rBV	18860	51041	3.93%	0.430%
13	12.110	1549	1551	1556	rVV3	1528	2529	0.19%	0.021%
14	12.827	1670	1673	1675	rBV	1197	1337	0.10%	0.011%
15	13.786	1830	1836	1840	rBV	349920	471827	36.33%	3.978%
16	13.833	1840	1844	1851	rVB	105190	146294	11.26%	1.233%
17	14.069	1878	1884	1896	rBV	387425	559036	43.05%	4.713%
18	14.251	1908	1915	1921	rBV5	5498	12387	0.95%	0.104%
19	14.374	1928	1936	1946	rBV2	369805	562944	43.35%	4.746%
20	14.616	1972	1977	1989	rBV5	5184	15364	1.18%	0.130%
21	14.786	2004	2006	2008	rBV2	1645	1413	0.11%	0.012%
22	14.874	2018	2021	2023	rBV2	1160	1486	0.11%	0.013%
23	15.210	2075	2078	2082	rVB5	2465	2860	0.22%	0.024%
24	15.368	2099	2105	2117	rVV	514044	709317	54.62%	5.980%
25	15.510	2126	2129	2139	rVB3	10669	15468	1.19%	0.130%
26	15.604	2141	2145	2151	rVB5	4092	5610	0.43%	0.047%
27	15.857	2185	2188	2192	rVB2	950	1323	0.10%	0.011%
28	16.068	2219	2224	2226	rBV3	3409	4351	0.34%	0.037%
29	16.533	2299	2303	2305	rBV3	1515	1640	0.13%	0.014%
30	16.792	2344	2347	2348	rBV2	1670	1578	0.12%	0.013%
31	16.863	2355	2359	2362	rVB3	3681	4113	0.32%	0.035%
32	16.915	2362	2368	2372	rBV4	4643	6143	0.47%	0.052%
33	17.039	2388	2389	2392	rBV	1298	1300	0.10%	0.011%
34	17.127	2398	2404	2409	rBV2	506055	701264	54.00%	5.912%

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35	17.168	2409	2411	2415	rVV2	24654	27262	2.10%	0.230%
36	17.227	2415	2421	2430	rVV	528662	755981	58.21%	6.374%
37	17.333	2438	2439	2442	rVB2	2422	1747	0.13%	0.015%
38	17.557	2473	2477	2478	rBV	1309	1317	0.10%	0.011%
39	17.604	2482	2485	2488	rVV2	4575	5477	0.42%	0.046%
40	17.710	2500	2503	2505	rVV2	1487	1535	0.12%	0.013%
41	17.792	2513	2517	2519	rBV	1599	1976	0.15%	0.017%
42	17.857	2523	2528	2529	rBV4	2066	2912	0.22%	0.025%
43	17.880	2530	2532	2536	rVV3	2885	2935	0.23%	0.025%
44	18.004	2549	2553	2558	rBV3	48986	76959	5.93%	0.649%
45	18.051	2558	2561	2566	rVB	10971	17529	1.35%	0.148%
46	18.133	2573	2575	2577	rVB3	3000	2288	0.18%	0.019%
47	18.192	2580	2585	2589	rBV5	8192	15303	1.18%	0.129%
48	18.233	2590	2592	2597	rVB3	7510	8880	0.68%	0.075%
49	18.298	2599	2603	2608	rVB5	4818	6853	0.53%	0.058%
50	18.404	2618	2621	2622	rVB3	2797	2452	0.19%	0.021%
51	18.421	2622	2624	2627	rBV2	2572	2631	0.20%	0.022%
52	18.480	2632	2634	2635	rBV2	1656	1426	0.11%	0.012%
53	18.509	2636	2639	2640	rVV2	4138	3026	0.23%	0.026%
54	18.557	2644	2647	2652	rVV6	3046	4260	0.33%	0.036%
55	18.592	2652	2653	2659	rVB3	2524	2675	0.21%	0.023%
56	18.645	2659	2662	2663	rVB3	2557	2027	0.16%	0.017%
57	18.662	2663	2665	2667	rBV3	1372	1617	0.12%	0.014%
58	18.715	2672	2674	2677	rBV3	1817	2243	0.17%	0.019%
59	18.751	2677	2680	2684	rVB5	4000	5956	0.46%	0.050%
60	18.804	2684	2689	2693	rBV4	4496	7996	0.62%	0.067%
61	18.839	2693	2695	2699	rBV3	3659	3619	0.28%	0.031%
62	18.927	2705	2710	2713	rBV3	13239	24310	1.87%	0.205%
63	19.068	2729	2734	2738	rBV4	7484	12439	0.96%	0.105%
64	19.156	2744	2749	2751	rBV3	10706	16620	1.28%	0.140%
65	19.192	2751	2755	2760	rVB	60459	81159	6.25%	0.684%
66	19.268	2765	2768	2769	rBV2	2746	2563	0.20%	0.022%
67	19.292	2769	2772	2778	rBV6	18731	30753	2.37%	0.259%
68	19.409	2790	2792	2795	rBV2	4661	5636	0.43%	0.048%
69	19.527	2806	2812	2823	rBV	805886	1166439	89.82%	9.834%
70	19.627	2826	2829	2834	rVB7	6182	9980	0.77%	0.084%
71	20.051	2899	2901	2906	rVB3	13537	14112	1.09%	0.119%

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72	20.203	2924	2927	2930	rBV5	7885	13451	1.04%	0.113%
73	20.351	2947	2952	2954	rBV5	11084	20119	1.55%	0.170%
74	21.015	3061	3065	3075	rBV5	63836	115515	8.89%	0.974%
75	21.221	3097	3100	3102	rBV2	23001	23552	1.81%	0.199%
76	21.321	3111	3117	3122	rBV	714935	1015147	78.17%	8.559%
77	22.350	3289	3292	3299	rBV5	70918	100623	7.75%	0.848%
78	23.444	3472	3478	3493	rVB2	629766	1298688	100.00%	10.949%
79	23.591	3497	3503	3511	rVB	491136	930231	71.63%	7.843%

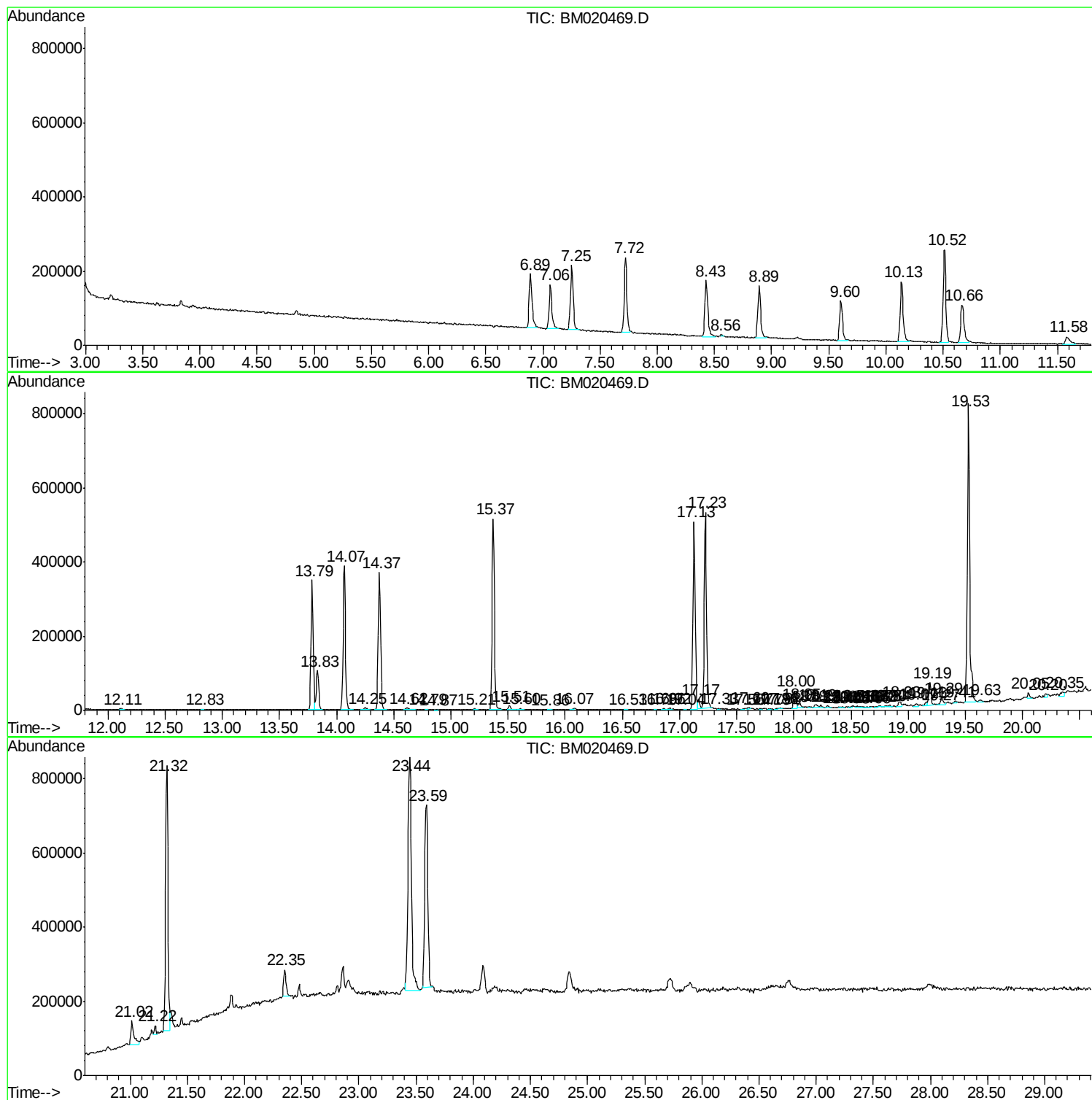
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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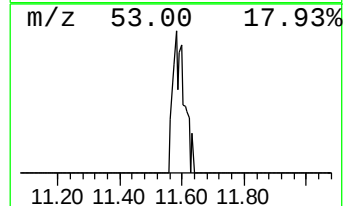
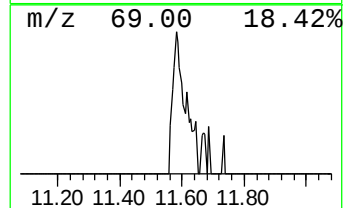
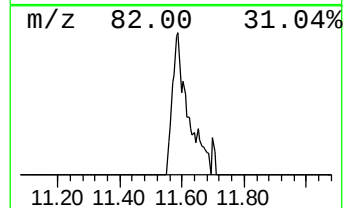
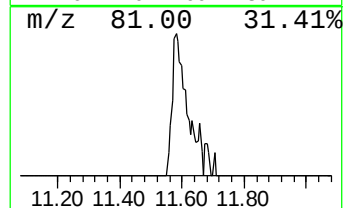
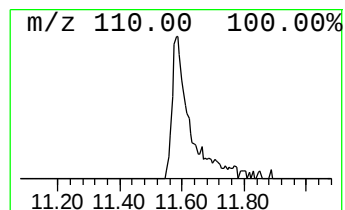
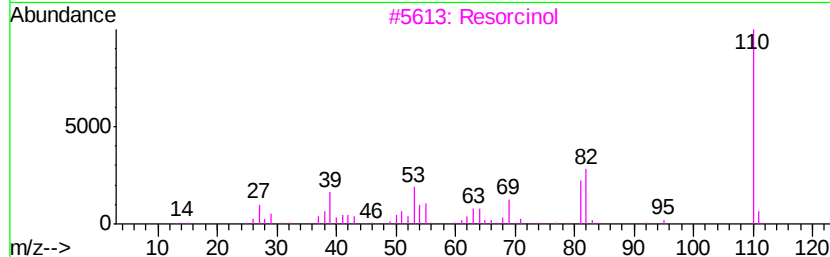
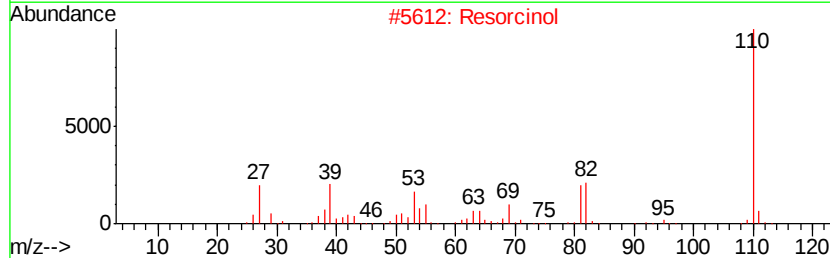
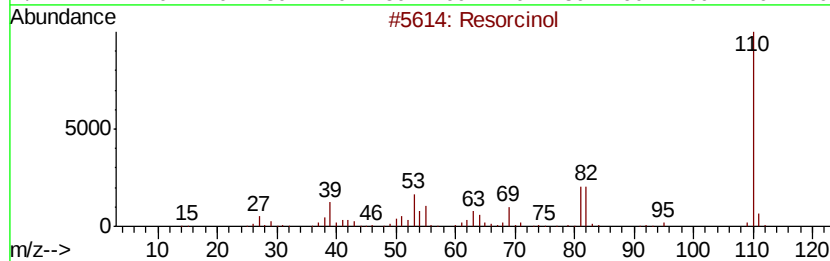
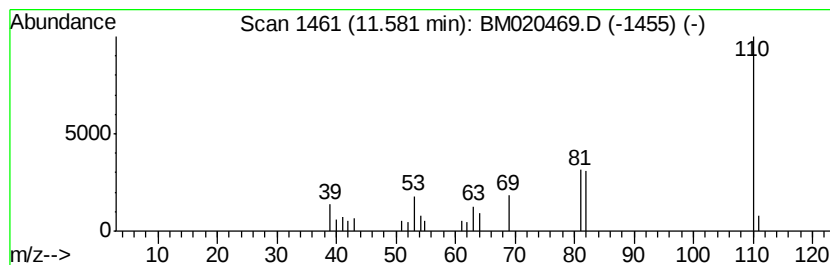
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Resorcinol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.39 ng/ul	51041	Naphthalene-d8	10.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Resorcinol	110 C6H6O2	000108-46-3	91
2	Resorcinol	110 C6H6O2	000108-46-3	90
3	Resorcinol	110 C6H6O2	000108-46-3	90
4	Resorcinol	110 C6H6O2	000108-46-3	87
5	1,3-Benzenediol, 4,4'-thiobis-	250 C12H10O4S	000097-29-0	83



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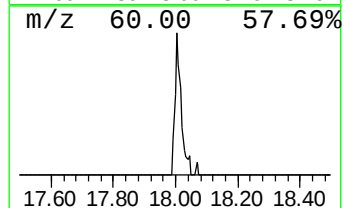
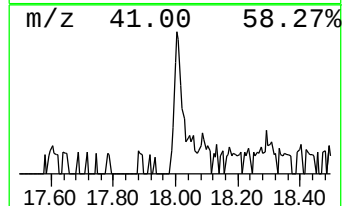
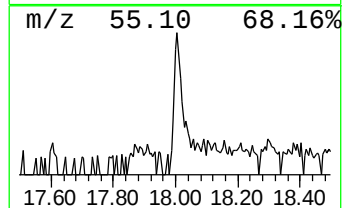
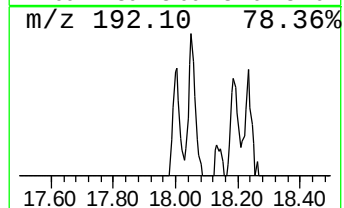
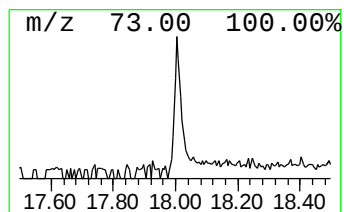
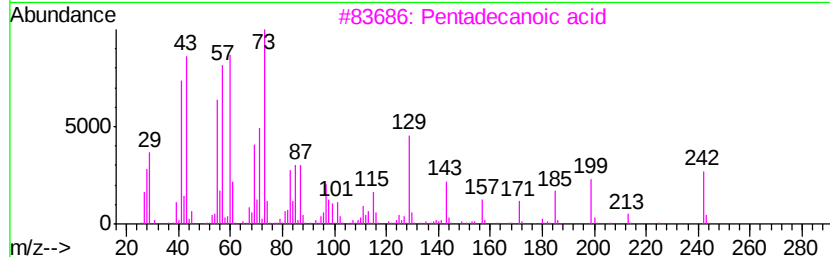
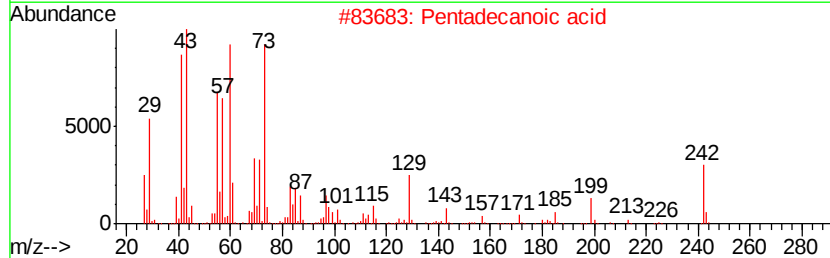
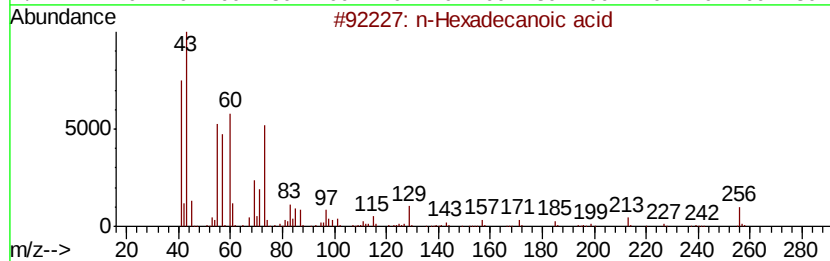
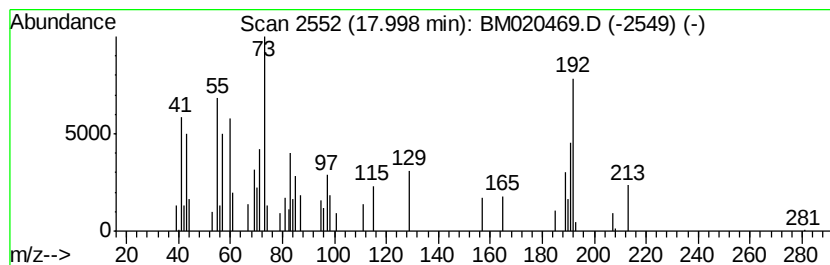
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.00	2.19 ng/ul	76959	Phenanthrene-d10		17.13	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	43
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	38
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	35
5		Undecanoic acid	186	C11H22O2	000112-37-8	27



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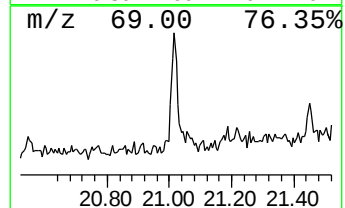
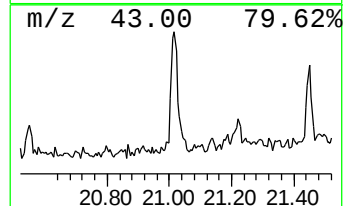
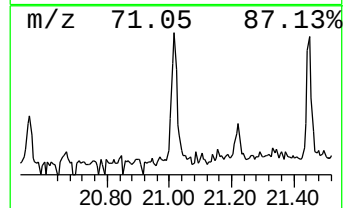
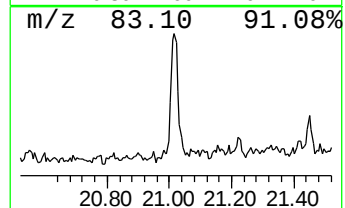
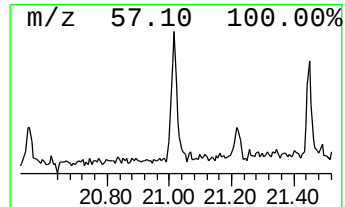
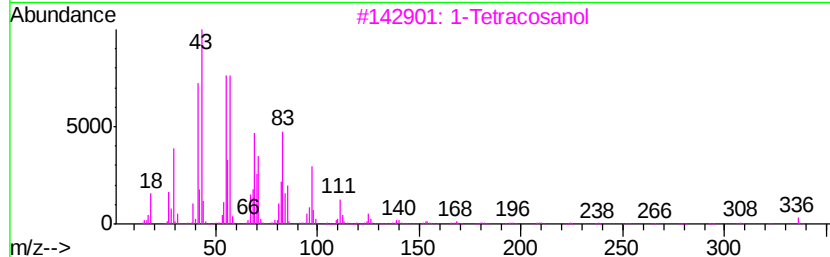
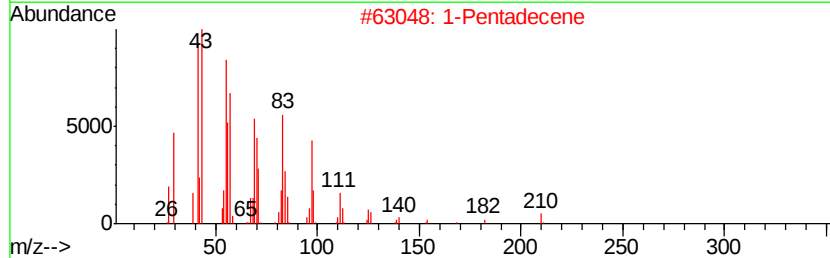
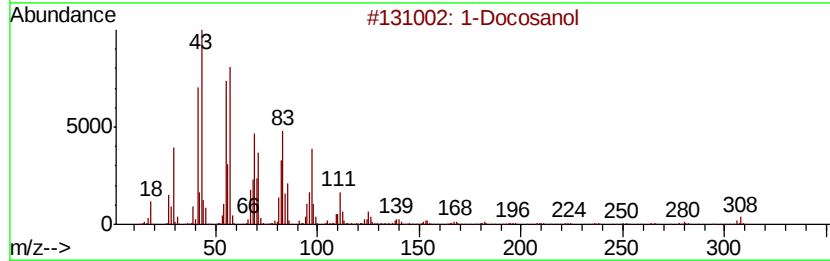
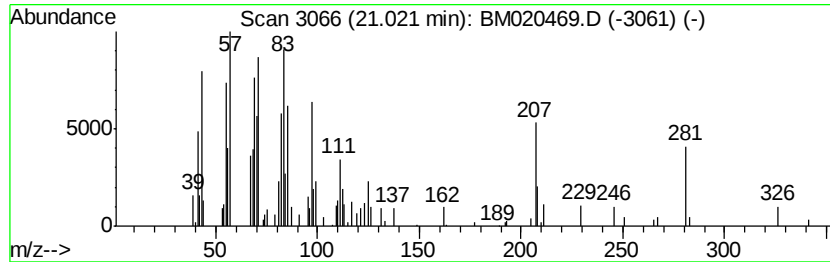
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Peak Number 3 1-Docosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.28 ng/ul	115515	Chrysene-d12	21.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosanol		326 C22H46O	000661-19-8 72
2	1-Pentadecene		210 C15H30	013360-61-7 70
3	1-Tetracosanol		354 C24H50O	000506-51-4 62
4	1-Nonadecanol		284 C19H40O	001454-84-8 60
5	Pentafluoropropionic acid, hexad...		388 C19H33F5O2	006222-07-7 58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Resorcinol	11.58	2.4	ng/ul	51041	2	10.52	427239	20.0
n-Hexadecanoic acid	18.00	2.2	ng/ul	76959	4	17.13	701264	20.0
1-Docosanol	21.02	2.3	ng/ul	115515	5	21.32	1015150	20.0