

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024974.D
 Acq On : 20 Feb 2020 09:51
 Operator : CG/JU
 Sample : L1423-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AY0

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-BM020620MA.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	3.034	21	25	41	rVB2	37146	93471	1.75%	0.160%
2	3.422	86	91	102	rVB6	14914	34888	0.65%	0.060%
3	3.516	102	107	115	rBV2	50548	98657	1.85%	0.168%
4	4.246	228	231	236	rVB6	8673	12827	0.24%	0.022%
5	4.587	285	289	299	rVB	50820	99975	1.87%	0.171%
6	6.587	619	629	641	rBV	688128	1237044	23.18%	2.112%
7	6.739	649	655	672	rVB	674147	1090956	20.44%	1.862%
8	6.928	680	687	699	rBV	832312	1381608	25.89%	2.359%
9	7.381	758	764	776	rBV	1025854	1688802	31.65%	2.883%
10	8.098	880	886	898	rBV	598725	1010326	18.93%	1.725%
11	8.204	898	904	911	rVB	39212	68095	1.28%	0.116%
12	8.522	951	958	968	rBV	735858	1231664	23.08%	2.103%
13	9.004	1034	1040	1045	rBV	32086	48507	0.91%	0.083%
14	9.233	1072	1079	1095	rBV	625916	1021005	19.13%	1.743%
15	9.769	1164	1170	1186	rBV	906456	1608006	30.13%	2.745%
16	10.133	1225	1232	1247	rBV	1331774	2193317	41.10%	3.744%
17	10.280	1251	1257	1276	rBV	514288	1109239	20.79%	1.894%
18	11.704	1495	1499	1502	rBV4	6492	12233	0.23%	0.021%
19	11.745	1502	1506	1511	rVB3	9924	17862	0.33%	0.030%
20	12.957	1707	1712	1717	rBV3	11563	16939	0.32%	0.029%
21	13.357	1775	1780	1781	rBV3	4497	5794	0.11%	0.010%
22	13.457	1791	1797	1802	rBV	1746870	2431365	45.56%	4.151%
23	13.504	1802	1805	1814	rVB	251640	353056	6.62%	0.603%
24	13.715	1833	1841	1856	rBV	2099617	3052117	57.19%	5.210%
25	14.027	1888	1894	1902	rVV	1852623	2808836	52.64%	4.795%
26	14.098	1902	1906	1911	rVB2	13549	19137	0.36%	0.033%
27	14.263	1928	1934	1947	rBV	308775	665379	12.47%	1.136%
28	14.439	1960	1964	1968	rBV5	7414	13915	0.26%	0.024%
29	14.480	1968	1971	1978	rVB4	21840	31783	0.60%	0.054%
30	14.668	1997	2003	2005	rBV6	3715	7014	0.13%	0.012%
31	14.715	2009	2011	2018	rVB7	4505	6223	0.12%	0.011%
32	15.033	2059	2065	2072	rBV	2633535	3698527	69.31%	6.314%
33	15.086	2072	2074	2077	rVV2	22742	31128	0.58%	0.053%
34	15.115	2077	2079	2083	rVV2	27027	32511	0.61%	0.056%

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35	15.168	2083	2088	2100	rVV	555468	832410	15.60%	1.421%
36	15.274	2102	2106	2114	rVB2	28442	42738	0.80%	0.073%
37	15.392	2123	2126	2130	rBV4	6292	9491	0.18%	0.016%
38	15.539	2147	2151	2154	rBV3	4828	8628	0.16%	0.015%
39	15.774	2186	2191	2193	rBV5	3961	5639	0.11%	0.010%
40	15.833	2193	2201	2205	rVB8	8821	18061	0.34%	0.031%
41	16.357	2286	2290	2296	rVB	38566	55619	1.04%	0.095%
42	16.462	2307	2308	2315	rVB5	6846	9287	0.17%	0.016%
43	16.533	2315	2320	2323	rBV5	6537	10066	0.19%	0.017%
44	16.574	2323	2327	2329	rBV2	7655	10449	0.20%	0.018%
45	16.604	2329	2332	2339	rVB4	15102	15850	0.30%	0.027%
46	16.786	2357	2363	2368	rBV	2315740	3179157	59.58%	5.427%
47	16.827	2368	2370	2374	rVV	220111	247247	4.63%	0.422%
48	16.886	2374	2380	2394	rVB	2568909	3648275	68.37%	6.228%
49	17.109	2415	2418	2421	rVB5	5953	6266	0.12%	0.011%
50	17.209	2430	2435	2436	rBV5	7437	12481	0.23%	0.021%
51	17.321	2450	2454	2456	rBV5	7359	7908	0.15%	0.013%
52	17.668	2508	2513	2517	rBV	45021	62532	1.17%	0.107%
53	17.727	2517	2523	2531	rVV2	221474	367963	6.90%	0.628%
54	17.798	2531	2535	2540	rVV5	28679	51545	0.97%	0.088%
55	17.856	2540	2545	2549	rVV2	73394	121250	2.27%	0.207%
56	17.898	2549	2552	2557	rVB	36211	45572	0.85%	0.078%
57	18.021	2568	2573	2578	rBV8	14592	26455	0.50%	0.045%
58	18.180	2595	2600	2602	rVV3	35601	54938	1.03%	0.094%
59	18.209	2603	2605	2611	rVB5	17945	27931	0.52%	0.048%
60	18.274	2613	2616	2617	rBV3	4705	5529	0.10%	0.009%
61	18.427	2639	2642	2645	rVV4	15673	19744	0.37%	0.034%
62	18.480	2648	2651	2654	rVV4	15430	18281	0.34%	0.031%
63	18.515	2654	2657	2661	rVB4	14919	19218	0.36%	0.033%
64	18.603	2667	2672	2676	rBV	59345	96034	1.80%	0.164%
65	18.662	2676	2682	2685	rBV5	17225	34457	0.65%	0.059%
66	18.739	2691	2695	2703	rBV9	27681	76815	1.44%	0.131%
67	18.856	2710	2715	2721	rVB	528590	706680	13.24%	1.206%
68	19.027	2739	2744	2747	rBV4	61223	83805	1.57%	0.143%
69	19.080	2749	2753	2756	rBV	35270	45216	0.85%	0.077%
70	19.192	2766	2772	2782	rBV2	3582627	5336337	100.00%	9.110%
71	19.303	2788	2791	2797	rVB4	27559	42915	0.80%	0.073%

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72	19.415	2806	2810	2812	rBV	24646	27695	0.52%	0.047%
73	19.568	2831	2836	2840	rBV3	30053	59979	1.12%	0.102%
74	19.703	2854	2859	2860	rBV4	37337	58033	1.09%	0.099%
75	19.733	2861	2864	2868	rVB	64281	76147	1.43%	0.130%
76	19.833	2878	2881	2885	rVB	44124	48845	0.92%	0.083%
77	19.892	2886	2891	2895	rBV3	59344	87730	1.64%	0.150%
78	20.027	2911	2914	2918	rBV2	42743	57577	1.08%	0.098%
79	20.074	2919	2922	2927	rVV	35159	49795	0.93%	0.085%
80	20.756	3034	3038	3049	rVB2	548510	797732	14.95%	1.362%
81	21.003	3073	3080	3084	rBV	2840830	4083505	76.52%	6.971%
82	21.039	3084	3086	3090	rVB	265424	278189	5.21%	0.475%
83	21.209	3112	3115	3118	rBV3	86125	103009	1.93%	0.176%
84	21.627	3183	3186	3193	rBV4	160140	240439	4.51%	0.410%
85	22.486	3328	3332	3336	rBV	221897	443228	8.31%	0.757%
86	22.533	3336	3340	3344	rVB2	550930	740827	13.88%	1.265%
87	22.968	3408	3414	3419	rBV	2646067	4352353	81.56%	7.430%
88	23.050	3425	3428	3430	rBV	179004	228087	4.27%	0.389%
89	23.097	3430	3436	3447	rVB	2199216	3848546	72.12%	6.570%
90	23.644	3525	3529	3534	rVB	237543	401365	7.52%	0.685%

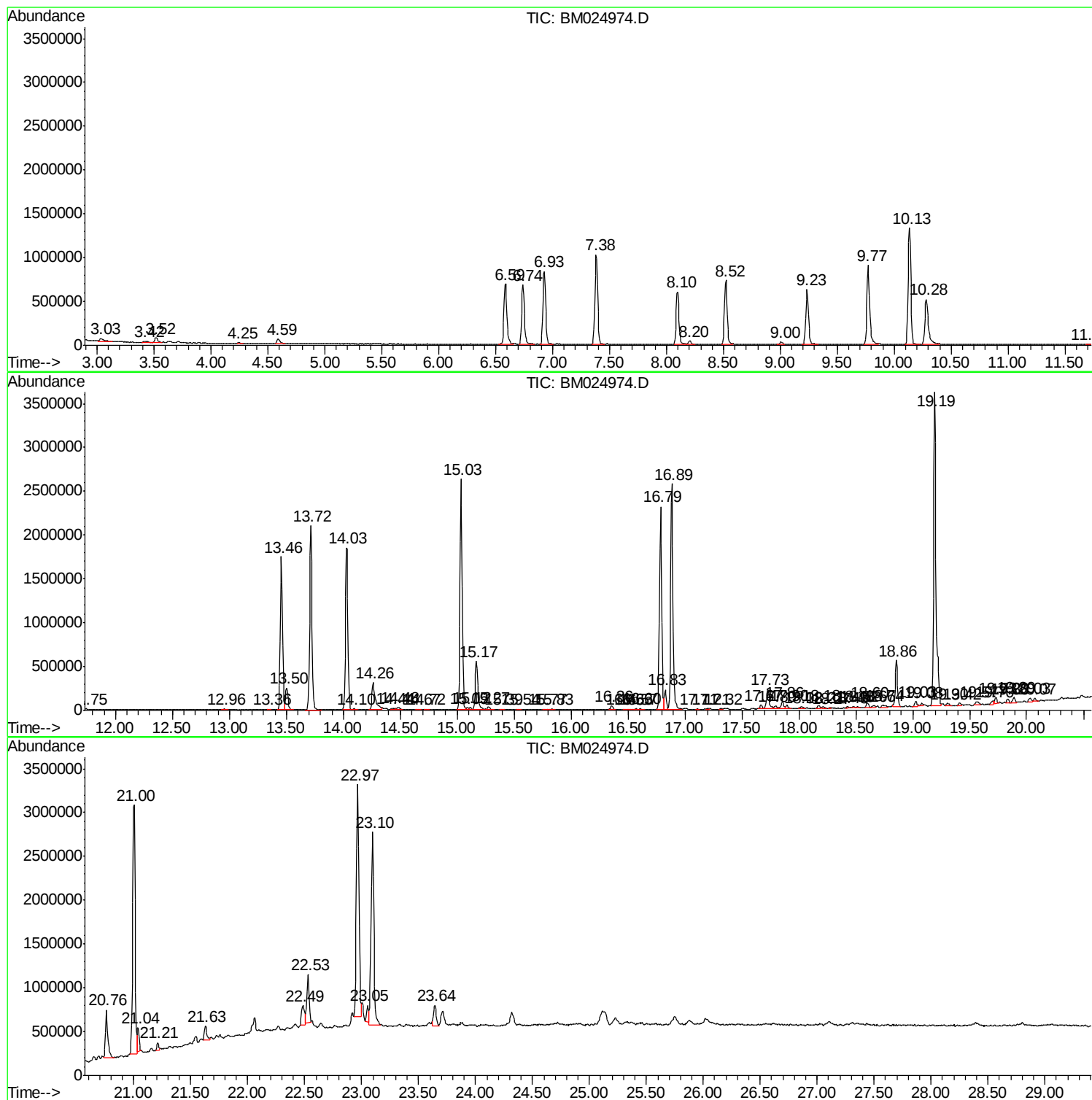
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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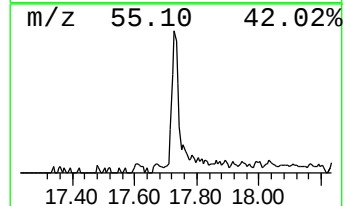
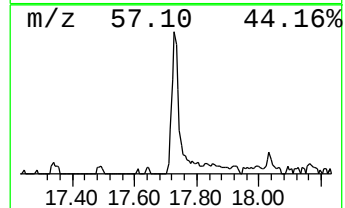
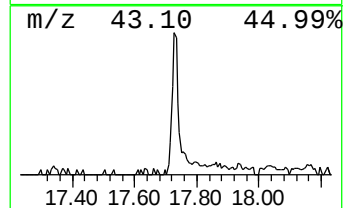
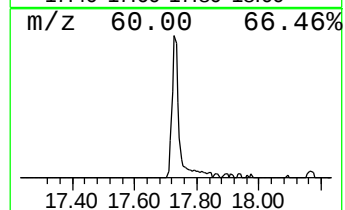
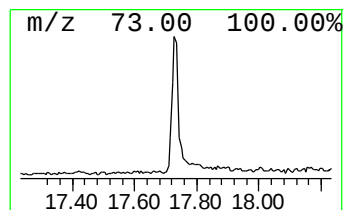
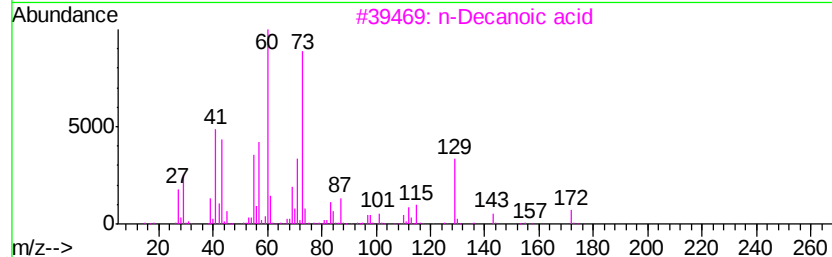
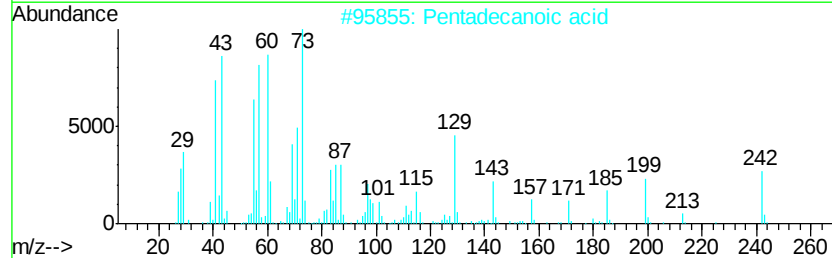
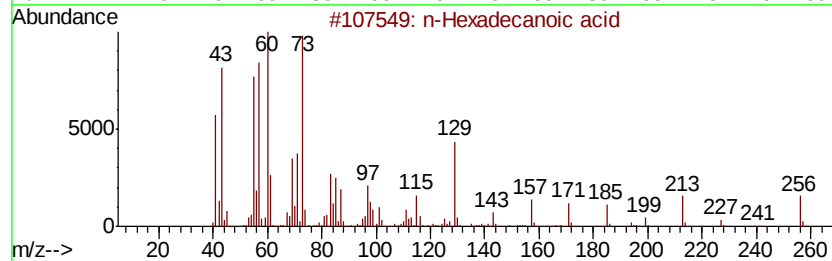
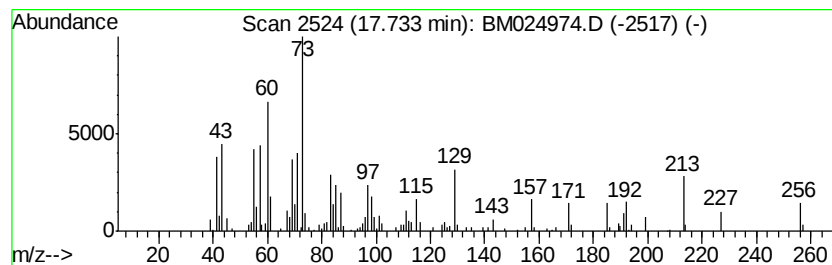
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.73	2.31 ng/ul	367963	Phenanthrene-d10		16.79
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
3	n-Decanoic acid	172	C10H20O2	000334-48-5	38
4	n-Decanoic acid	172	C10H20O2	000334-48-5	35
5	Dodecanoic acid	200	C12H24O2	000143-07-7	32



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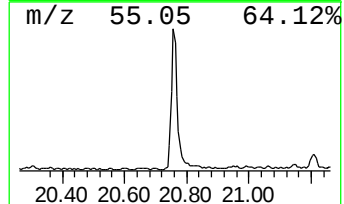
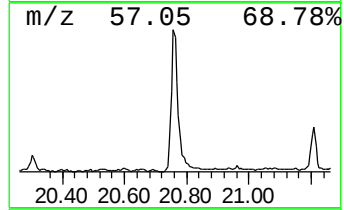
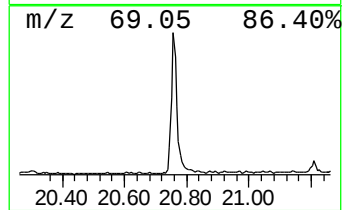
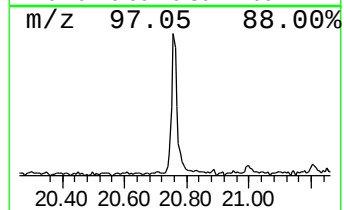
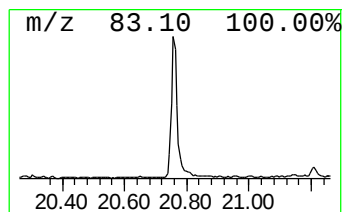
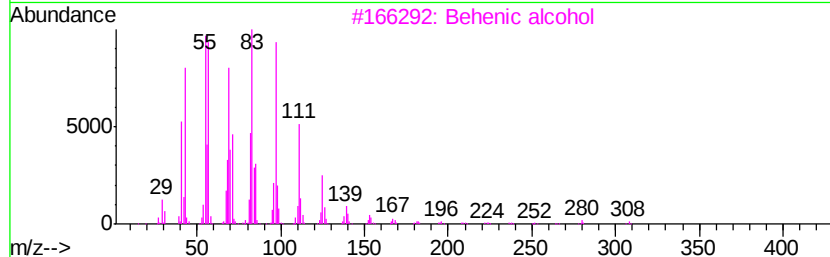
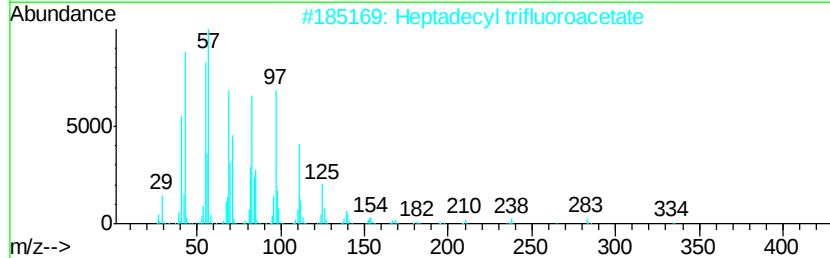
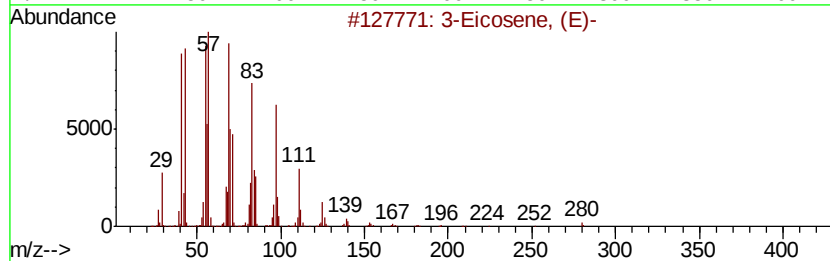
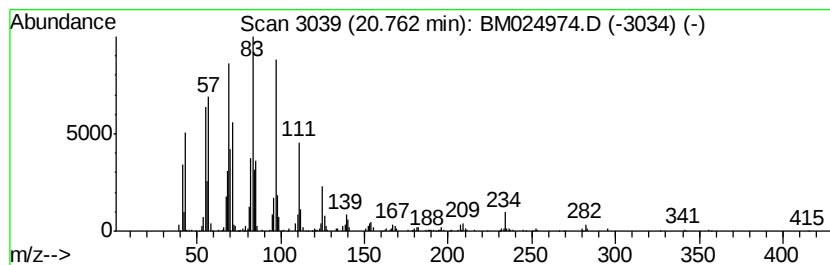
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	3.91 ng/ul	797732	Chrysene-d12	21.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	74
2			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	72
3			Behenic alcohol	326	C22H46O	000661-19-8	70
4			1-Heptacosanol	396	C27H56O	002004-39-9	64
5			1-Heneicosanol	312	C21H44O	015594-90-8	62



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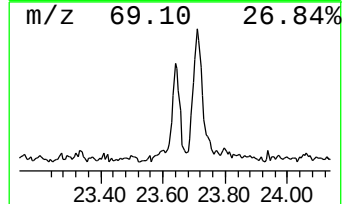
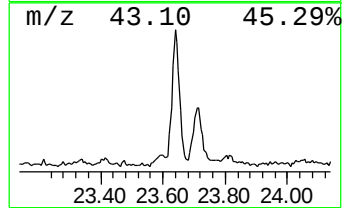
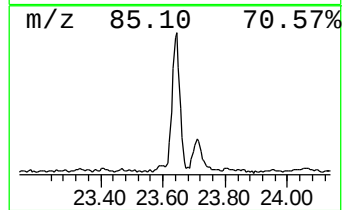
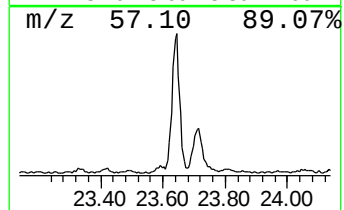
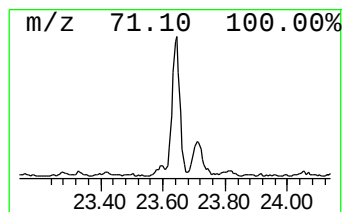
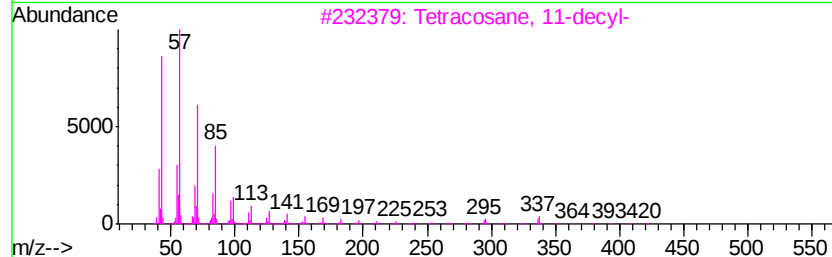
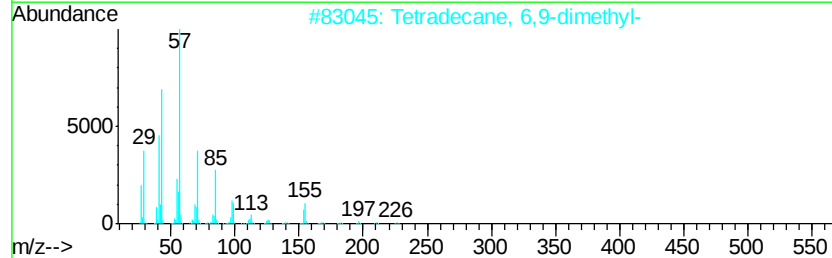
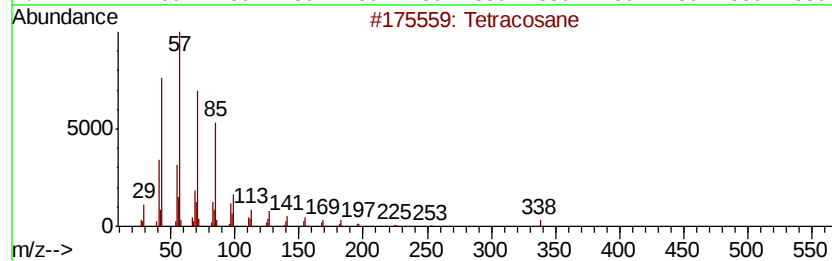
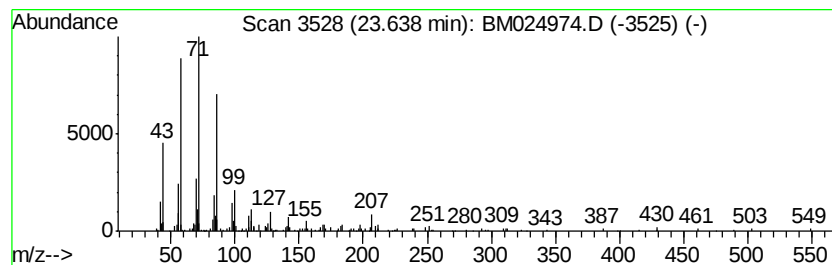
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.64	2.09 ng/ul	401365	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	87
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.73	2.3	ng/ul	367963	4	16.79	3179160	20.0
(DEL) Alkane: Str...	20.76	3.9	ng/ul	797732	5	21.00	4083510	20.0
(DEL) Alkane: Str...	23.64	2.1	ng/ul	401365	6	23.10	3848550	20.0