

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
 Data File : BM024581.D
 Acq On : 22 Jan 2020 14:47
 Operator : JU
 Sample : L1118-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASJ9

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-BM011520MA.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	3.058	26	29	33	rVB2	19895	23672	0.68%	0.065%
2	3.552	110	113	116	rVB5	4434	4680	0.13%	0.013%
3	3.675	129	134	140	rVV	38629	60663	1.73%	0.167%
4	3.758	144	148	151	rVB5	6971	11460	0.33%	0.032%
5	3.846	160	163	167	rVB5	7884	9533	0.27%	0.026%
6	4.116	207	209	211	rVB3	5092	3528	0.10%	0.010%
7	4.205	220	224	228	rVB5	5161	9014	0.26%	0.025%
8	4.640	293	298	306	rVB	42781	68151	1.95%	0.188%
9	5.869	505	507	513	rVB6	5887	6306	0.18%	0.017%
10	6.487	608	612	617	rBV4	6394	9576	0.27%	0.026%
11	6.646	633	639	651	rVB	303411	532634	15.22%	1.468%
12	6.804	659	666	678	rBV	240587	384442	10.99%	1.060%
13	6.993	692	698	708	rVB	346172	534737	15.28%	1.474%
14	7.110	715	718	722	rVB4	2610	4623	0.13%	0.013%
15	7.451	770	776	787	rBV	728931	1127222	32.21%	3.108%
16	7.546	787	792	795	rVV4	11228	15092	0.43%	0.042%
17	8.163	890	897	908	rBV	432742	679546	19.42%	1.873%
18	8.263	910	914	921	rVB6	6323	12809	0.37%	0.035%
19	8.587	961	969	981	rBV	347013	579220	16.55%	1.597%
20	8.787	999	1003	1008	rVB5	4054	4694	0.13%	0.013%
21	9.092	1051	1055	1060	rVB3	9930	14654	0.42%	0.040%
22	9.304	1084	1091	1099	rBV	317202	493035	14.09%	1.359%
23	9.839	1174	1182	1194	rBV	454985	734619	20.99%	2.025%
24	10.210	1237	1245	1255	rBV	1054149	1685862	48.18%	4.648%
25	10.351	1262	1269	1283	rBV	397240	701939	20.06%	1.935%
26	11.045	1384	1387	1390	rBV3	2939	3627	0.10%	0.010%
27	11.810	1513	1517	1524	rBV4	5574	8961	0.26%	0.025%
28	12.528	1634	1639	1644	rBV4	1587	3787	0.11%	0.010%
29	12.716	1668	1671	1674	rBV3	3817	4095	0.12%	0.011%
30	13.339	1774	1777	1781	rBV3	4234	4718	0.13%	0.013%
31	13.522	1802	1808	1812	rBV	1050324	1385276	39.59%	3.819%
32	13.569	1812	1816	1821	rVB	157077	211293	6.04%	0.583%
33	13.786	1846	1853	1863	rBV	922622	1376162	39.33%	3.794%
34	14.057	1894	1899	1900	rBV5	4635	6671	0.19%	0.018%

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35	14.098	1900	1906	1914	rVV2	1751546	2558193	73.11%	7.053%
36	14.310	1937	1942	1956	rBV	324730	564754	16.14%	1.557%
37	14.539	1976	1981	1988	rBV6	17180	30284	0.87%	0.083%
38	14.745	2011	2016	2019	rBV2	2313	4935	0.14%	0.014%
39	14.945	2046	2050	2055	rVB4	8701	13281	0.38%	0.037%
40	15.010	2057	2061	2065	rVB4	7636	11281	0.32%	0.031%
41	15.098	2070	2076	2085	rBV	1369114	1892997	54.10%	5.219%
42	15.222	2092	2097	2105	rBV	366922	508383	14.53%	1.402%
43	15.280	2105	2107	2113	rVB5	4950	6090	0.17%	0.017%
44	15.339	2113	2117	2121	rVB2	14784	19715	0.56%	0.054%
45	15.398	2124	2127	2128	rBV	3414	3572	0.10%	0.010%
46	15.457	2133	2137	2140	rVB2	3239	4345	0.12%	0.012%
47	15.569	2152	2156	2159	rVB5	5566	7409	0.21%	0.020%
48	15.874	2204	2208	2209	rBV	7889	9102	0.26%	0.025%
49	15.892	2209	2211	2216	rVB6	7337	8579	0.25%	0.024%
50	16.298	2275	2280	2284	rBV4	9947	13793	0.39%	0.038%
51	16.633	2333	2337	2340	rBV2	8267	12525	0.36%	0.035%
52	16.668	2340	2343	2347	rVB3	14450	16456	0.47%	0.045%
53	16.851	2367	2374	2380	rBV	2321607	3230725	92.33%	8.907%
54	16.945	2384	2390	2401	rVB2	1452935	2006766	57.35%	5.533%
55	17.063	2406	2410	2415	rVB6	22422	27527	0.79%	0.076%
56	17.274	2442	2446	2452	rBV6	12177	19540	0.56%	0.054%
57	17.404	2462	2468	2471	rBV6	7661	10730	0.31%	0.030%
58	17.545	2490	2492	2495	rVV3	4284	5169	0.15%	0.014%
59	17.721	2519	2522	2526	rVB4	3214	4737	0.14%	0.013%
60	17.792	2526	2534	2541	rBV2	458012	667391	19.07%	1.840%
61	18.092	2582	2585	2589	rVB5	19423	23572	0.67%	0.065%
62	18.227	2605	2608	2614	rBV5	20880	24385	0.70%	0.067%
63	18.433	2639	2643	2644	rVB4	3440	3505	0.10%	0.010%
64	18.462	2646	2648	2651	rBV4	4578	6432	0.18%	0.018%
65	18.598	2670	2671	2673	rBV2	4178	3710	0.11%	0.010%
66	18.662	2678	2682	2685	rBV6	10368	15293	0.44%	0.042%
67	18.739	2692	2695	2697	rBV3	13752	14747	0.42%	0.041%
68	18.886	2715	2720	2723	rBV2	17840	29957	0.86%	0.083%
69	18.927	2723	2727	2729	rVV3	14102	23589	0.67%	0.065%
70	18.957	2729	2732	2737	rVB5	20047	30601	0.87%	0.084%
71	19.086	2749	2754	2760	rBV	242634	347050	9.92%	0.957%

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72	19.251	2776	2782	2791	rBV2	1806297	2442614	69.80%	6.734%
73	19.321	2791	2794	2798	rVB3	27664	35639	1.02%	0.098%
74	19.504	2822	2825	2827	rBV3	14795	17355	0.50%	0.048%
75	19.545	2831	2832	2833	rBV	6499	3893	0.11%	0.011%
76	19.674	2852	2854	2857	rVB3	6725	4188	0.12%	0.012%
77	19.704	2857	2859	2861	rBV2	6709	6159	0.18%	0.017%
78	19.821	2877	2879	2883	rVV5	11863	13341	0.38%	0.037%
79	19.862	2883	2886	2890	rVB2	44129	46495	1.33%	0.128%
80	20.174	2937	2939	2940	rBV2	12002	9528	0.27%	0.026%
81	20.362	2968	2971	2975	rVB2	55471	58250	1.66%	0.161%
82	20.815	3044	3048	3054	rBV2	496027	696572	19.91%	1.920%
83	21.015	3079	3082	3084	rBV	44612	52973	1.51%	0.146%
84	21.056	3084	3089	3100	rVB	2759232	3499219	100.00%	9.647%
85	21.262	3121	3124	3128	rBV	154653	157332	4.50%	0.434%
86	21.686	3192	3196	3201	rBV	197857	252355	7.21%	0.696%
87	22.121	3267	3270	3276	rVB	207442	255823	7.31%	0.705%
88	22.239	3287	3290	3295	rVB2	151883	199089	5.69%	0.549%
89	22.597	3348	3351	3356	rVB	220129	294268	8.41%	0.811%
90	23.039	3420	3426	3434	rVB	1053217	1789684	51.15%	4.934%
91	23.133	3438	3442	3443	rVV	213017	278356	7.95%	0.767%
92	23.168	3443	3448	3458	rVB	1665519	2962726	84.67%	8.168%
93	23.733	3540	3544	3550	rVB2	175195	299026	8.55%	0.824%

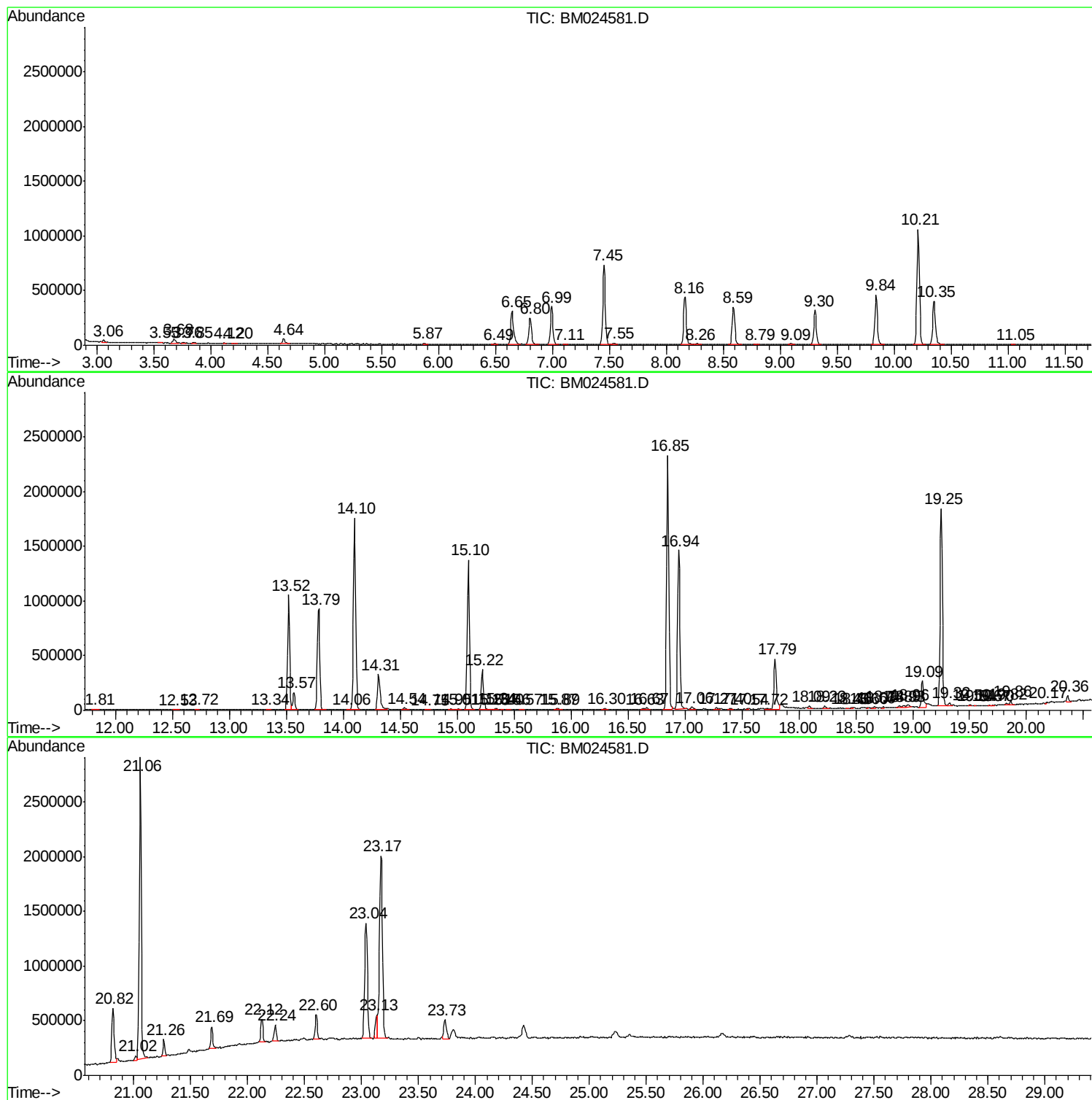
Sum of corrected areas: 36272306

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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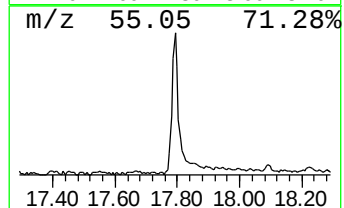
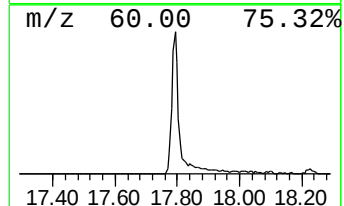
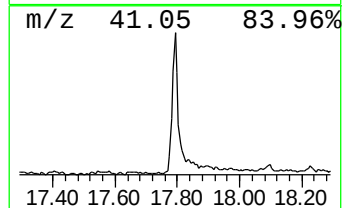
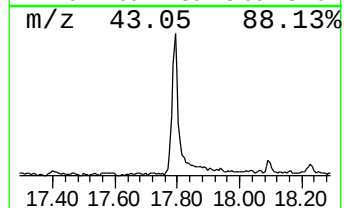
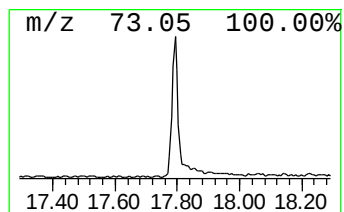
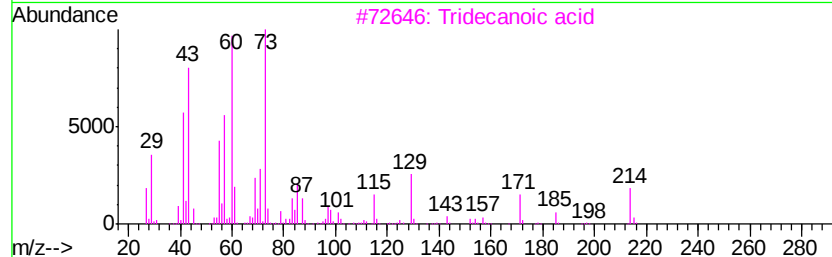
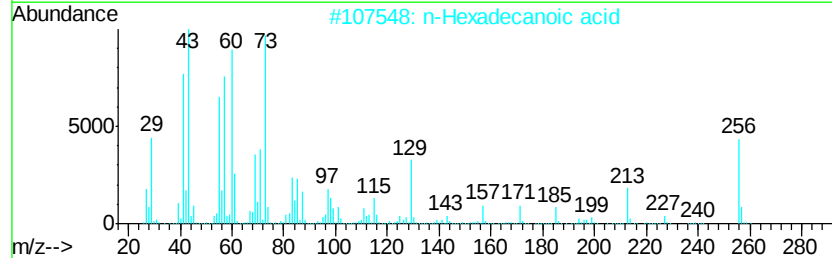
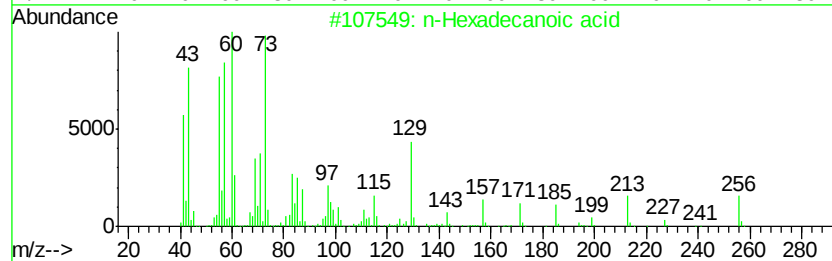
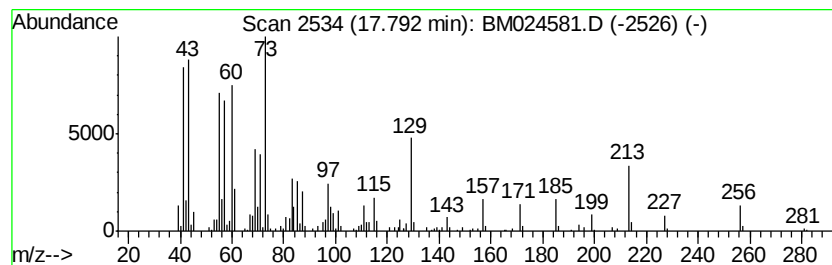
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.79	4.13 ng/ul	667391	Phenanthrene-d10	16.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	



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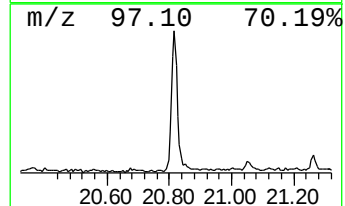
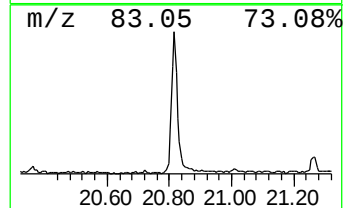
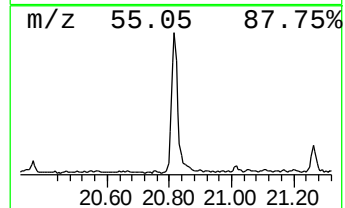
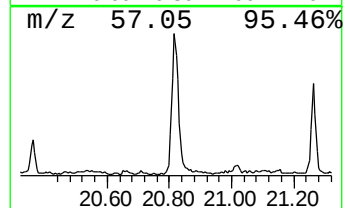
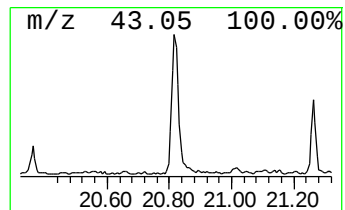
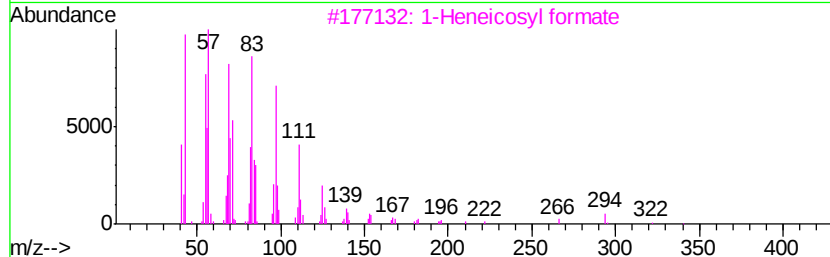
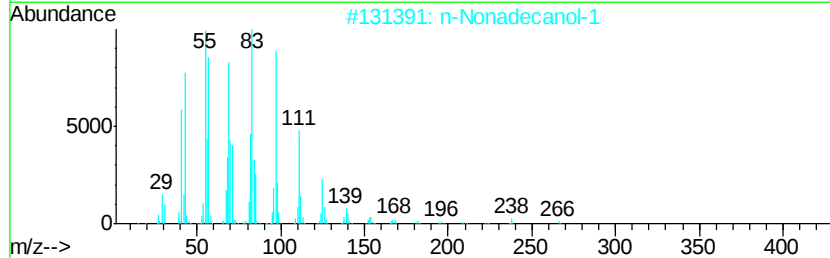
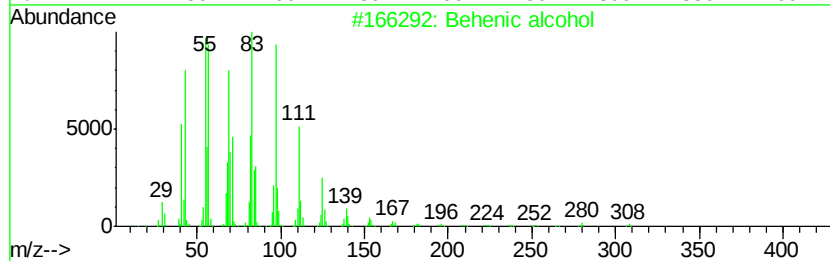
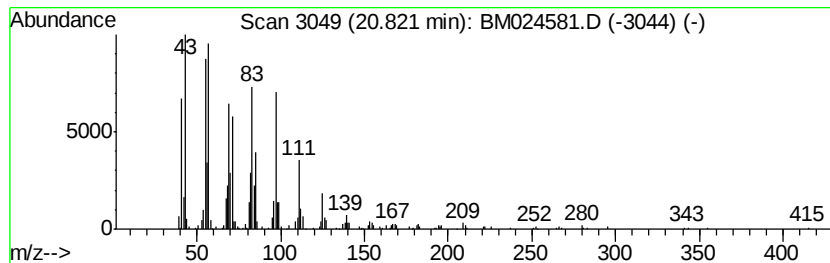
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.98 ng/ul	696572	Chrysene-d12	21.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	95
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94



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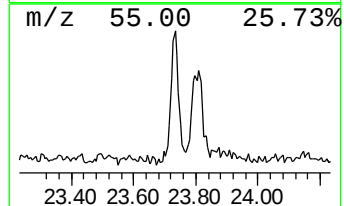
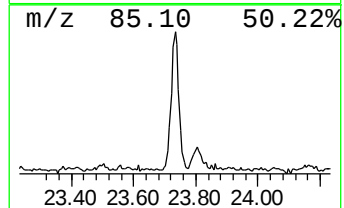
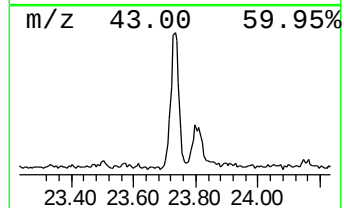
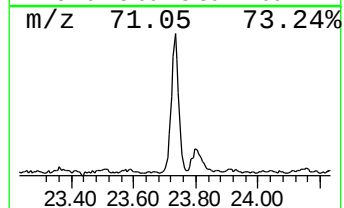
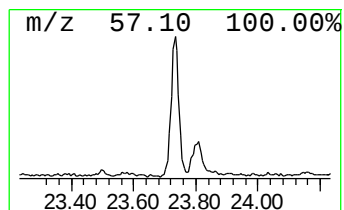
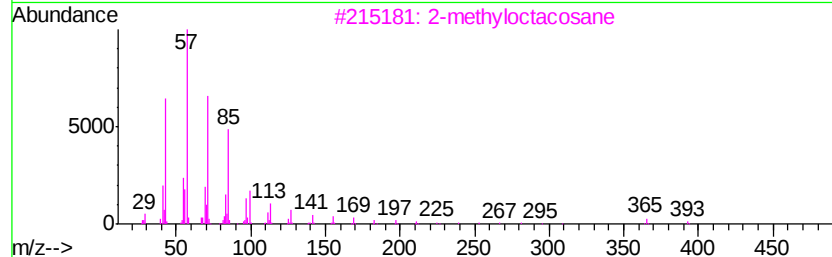
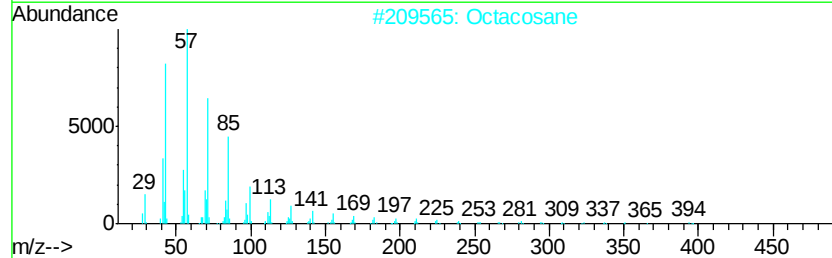
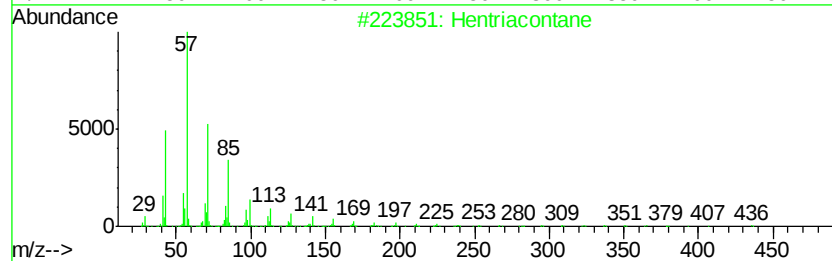
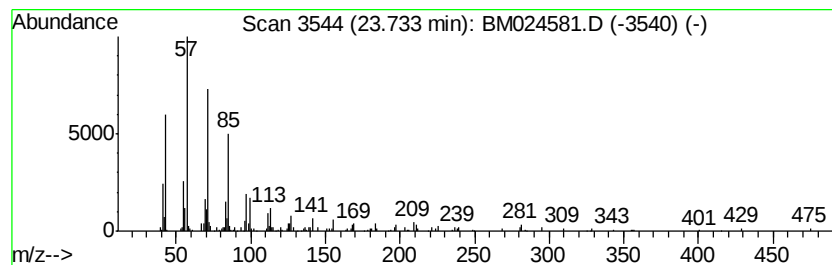
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	2.02 ng/ul	299026	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	4.1	ng/ul	667391	4	16.85	3230730	20.0
Behenic alcohol	20.82	4.0	ng/ul	696572	5	21.06	3499220	20.0
(DEL) Alkane: Str...	23.73	2.0	ng/ul	299026	6	23.17	2962730	20.0