

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021662.D
 Acq On : 26 Jul 2019 07:22
 Operator : HP/JU
 Sample : K3893-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP14

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-BM072319MA.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	6.869	655	660	672	rVB	454427	772715	12.46%	1.362%
2	7.045	685	690	702	rVB	386296	650451	10.49%	1.146%
3	7.228	716	721	733	rVB	541314	861547	13.89%	1.519%
4	7.692	795	800	810	rVB	603362	987265	15.92%	1.740%
5	8.404	915	921	936	rVV	576700	961814	15.51%	1.695%
6	8.528	939	942	950	rVB4	25533	42300	0.68%	0.075%
7	8.857	992	998	1009	rVB	572949	969159	15.62%	1.708%
8	9.575	1113	1120	1129	rVB	495290	819339	13.21%	1.444%
9	10.104	1203	1210	1225	rVB	724104	1317274	21.24%	2.322%
10	10.475	1267	1273	1281	rBV	953910	1602522	25.83%	2.825%
11	10.633	1293	1300	1317	rBV	540150	1078104	17.38%	1.900%
12	12.075	1542	1545	1551	rVB	9676	14691	0.24%	0.026%
13	12.675	1643	1647	1650	rBV4	5336	8352	0.13%	0.015%
14	12.933	1687	1691	1695	rBV2	9940	12623	0.20%	0.022%
15	13.757	1825	1831	1836	rVV	1629291	2220574	35.80%	3.914%
16	13.804	1836	1839	1852	rVB	238956	328760	5.30%	0.579%
17	14.033	1871	1878	1891	rVB	1824660	2634788	42.48%	4.644%
18	14.339	1923	1930	1938	rBV	1771659	2532514	40.83%	4.464%
19	14.404	1938	1941	1945	rVB2	8189	11948	0.19%	0.021%
20	14.574	1963	1970	1989	rBV2	268701	592182	9.55%	1.044%
21	14.745	1995	1999	2002	rBV5	11249	20448	0.33%	0.036%
22	14.786	2002	2006	2016	rVB2	42996	60909	0.98%	0.107%
23	15.098	2055	2059	2064	rBV	77120	113228	1.83%	0.200%
24	15.174	2069	2072	2078	rVB3	11075	14384	0.23%	0.025%
25	15.339	2093	2100	2107	rBV	2497211	3512425	56.62%	6.191%
26	15.392	2107	2109	2115	rVB2	16943	22038	0.36%	0.039%
27	15.480	2117	2124	2135	rBV	351860	528443	8.52%	0.931%
28	15.580	2135	2141	2146	rVV2	28271	40837	0.66%	0.072%
29	15.692	2154	2160	2167	rVB5	4074	9109	0.15%	0.016%
30	15.839	2182	2185	2191	rVB4	5496	7235	0.12%	0.013%
31	16.051	2217	2221	2223	rBV4	7746	13254	0.21%	0.023%
32	16.121	2230	2233	2237	rVB2	8153	10278	0.17%	0.018%
33	16.380	2271	2277	2278	rBV6	4648	7177	0.12%	0.013%
34	16.398	2278	2280	2285	rVB6	6821	9710	0.16%	0.017%

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35	16.498	2294	2297	2302	rBV5	7435	9022	0.15%	0.016%
36	16.627	2314	2319	2323	rBV6	5919	11293	0.18%	0.020%
37	16.757	2335	2341	2347	rBV3	13364	21480	0.35%	0.038%
38	16.839	2347	2355	2359	rBV7	12368	27205	0.44%	0.048%
39	16.886	2359	2363	2365	rVV3	8293	12441	0.20%	0.022%
40	16.910	2365	2367	2373	rVB2	12066	17606	0.28%	0.031%
41	16.992	2377	2381	2388	rVB3	9117	17701	0.29%	0.031%
42	17.098	2390	2399	2403	rBV	2288182	3357071	54.12%	5.917%
43	17.133	2403	2405	2410	rVV	279485	343986	5.55%	0.606%
44	17.192	2410	2415	2426	rVV	2845036	3989459	64.32%	7.032%
45	17.380	2443	2447	2451	rBV4	5552	8262	0.13%	0.015%
46	17.509	2462	2469	2474	rBV2	23618	48994	0.79%	0.086%
47	17.580	2477	2481	2483	rBV4	9121	11000	0.18%	0.019%
48	17.674	2494	2497	2499	rBV4	8923	10681	0.17%	0.019%
49	17.868	2525	2530	2532	rBV6	9737	17392	0.28%	0.031%
50	17.986	2543	2550	2554	rBV2	455055	717114	11.56%	1.264%
51	18.057	2560	2562	2566	rVB	19559	22951	0.37%	0.040%
52	18.104	2566	2570	2575	rVV	28113	39267	0.63%	0.069%
53	18.162	2575	2580	2584	rVV2	86723	153533	2.48%	0.271%
54	18.198	2584	2586	2595	rVB	51237	80468	1.30%	0.142%
55	18.333	2606	2609	2611	rBV3	11884	13678	0.22%	0.024%
56	18.474	2629	2633	2638	rBV	44144	67334	1.09%	0.119%
57	18.527	2638	2642	2648	rVB	51029	75680	1.22%	0.133%
58	18.715	2671	2674	2679	rBV4	22606	31697	0.51%	0.056%
59	18.768	2681	2683	2686	rVV3	20349	21629	0.35%	0.038%
60	18.804	2687	2689	2693	rVB6	19142	22975	0.37%	0.040%
61	18.892	2699	2704	2709	rBV2	53264	104892	1.69%	0.185%
62	19.045	2723	2730	2737	rBV4	51053	144970	2.34%	0.256%
63	19.156	2740	2749	2756	rVV	743177	1074192	17.32%	1.893%
64	19.268	2763	2768	2773	rBV4	186361	297637	4.80%	0.525%
65	19.492	2800	2806	2819	rBV2	3977927	6202972	100.00%	10.933%
66	19.592	2821	2823	2830	rVB2	44746	64520	1.04%	0.114%
67	19.845	2862	2866	2873	rBV4	55150	131851	2.13%	0.232%
68	20.015	2893	2895	2900	rVB	128798	161940	2.61%	0.285%
69	20.121	2909	2913	2916	rBV	79434	101531	1.64%	0.179%
70	20.174	2920	2922	2926	rVB	90307	99037	1.60%	0.175%
71	20.315	2943	2946	2950	rBV	58335	81473	1.31%	0.144%

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72	20.768	3021	3023	3028	rVB	82848	93091	1.50%	0.164%
73	20.992	3054	3061	3069	rBV5	494922	981496	15.82%	1.730%
74	21.286	3104	3111	3115	rBV	3546281	5096674	82.17%	8.983%
75	21.321	3115	3117	3125	rVB	483040	546076	8.80%	0.963%
76	22.321	3284	3287	3293	rVB	213197	271249	4.37%	0.478%
77	22.821	3369	3372	3375	rBV	236937	341581	5.51%	0.602%
78	23.386	3462	3468	3474	rBV	2656022	4585782	73.93%	8.083%
79	23.527	3486	3492	3509	rVB2	1955196	3856169	62.17%	6.797%
80	24.027	3572	3577	3583	rVB2	297071	559165	9.01%	0.986%

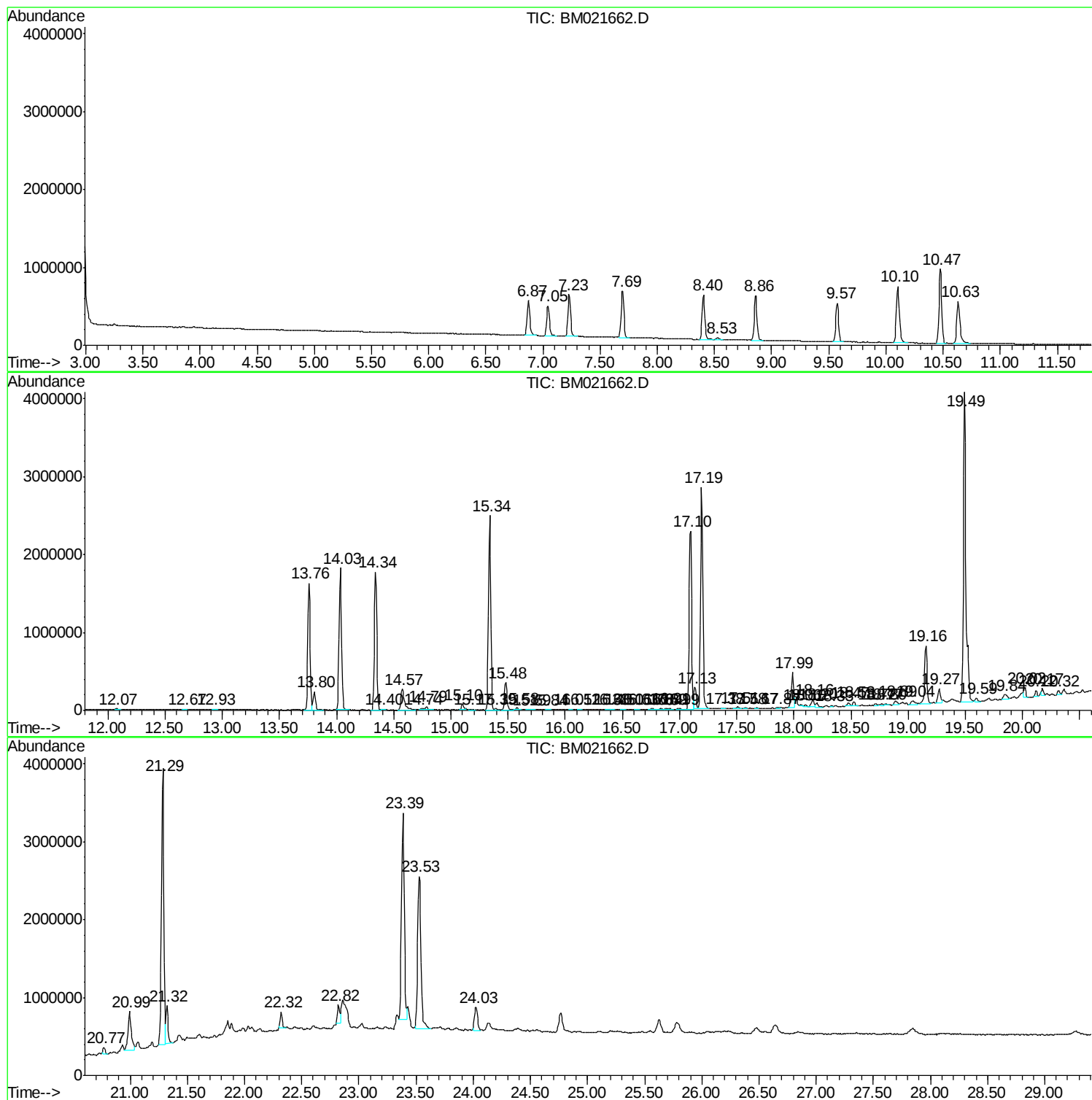
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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



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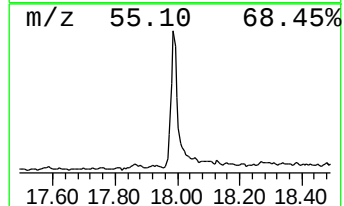
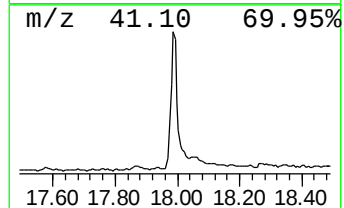
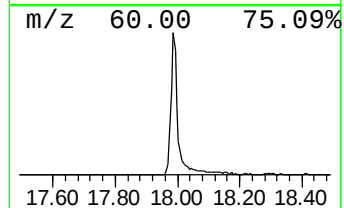
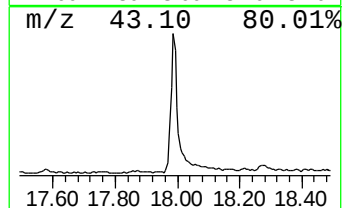
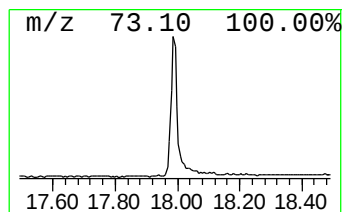
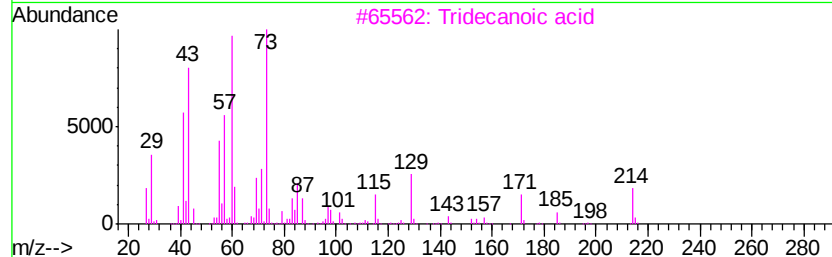
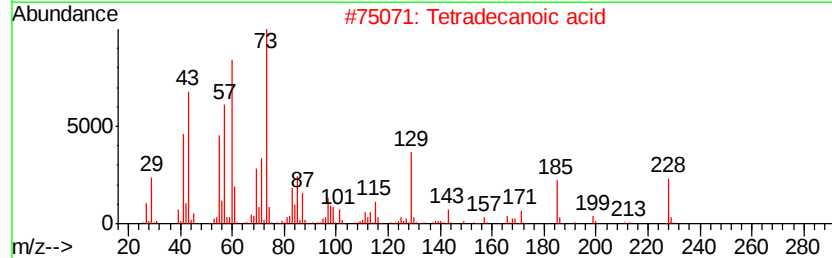
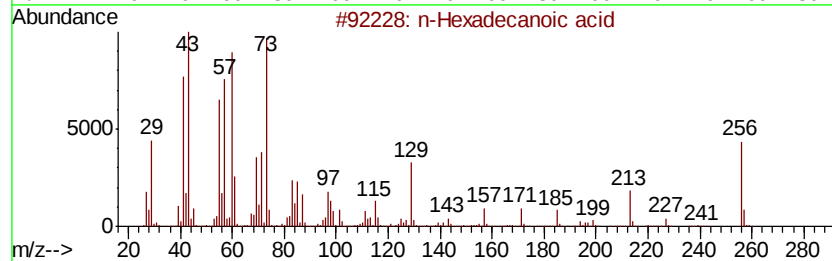
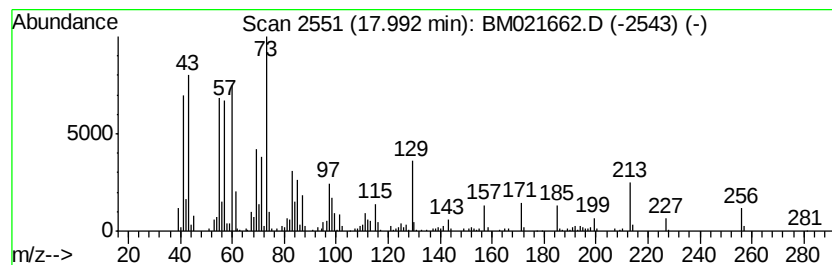
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.27 ng/ul	717114	Phenanthrene-d10	17.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228 C14H28O2	000544-63-8	94
3	Tridecanoic acid	214 C13H26O2	000638-53-9	89
4	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	86
5	Tridecanoic acid	214 C13H26O2	000638-53-9	83



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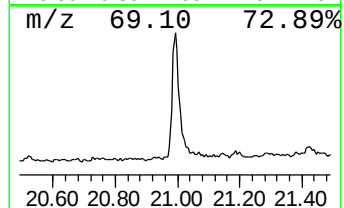
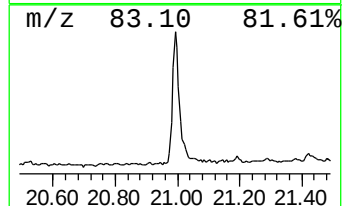
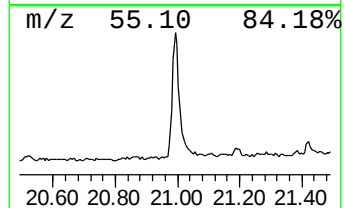
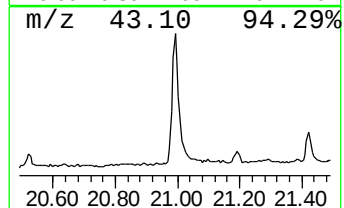
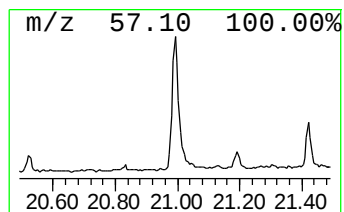
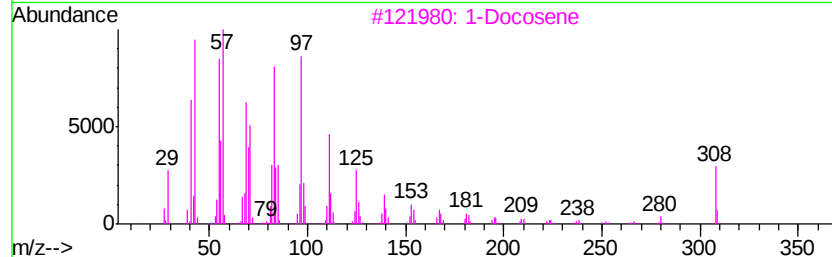
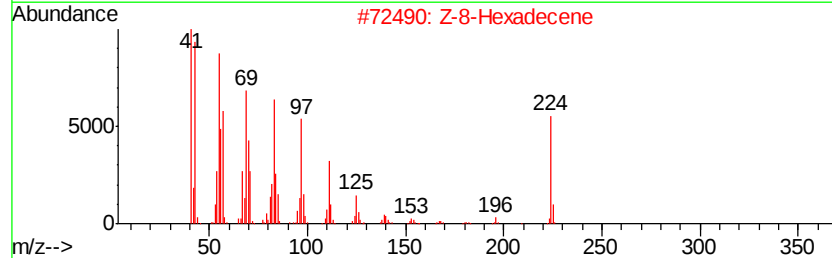
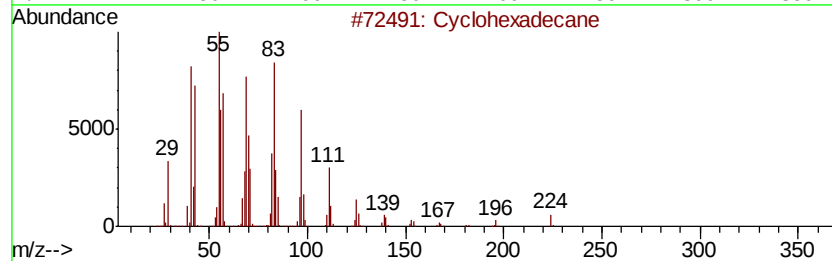
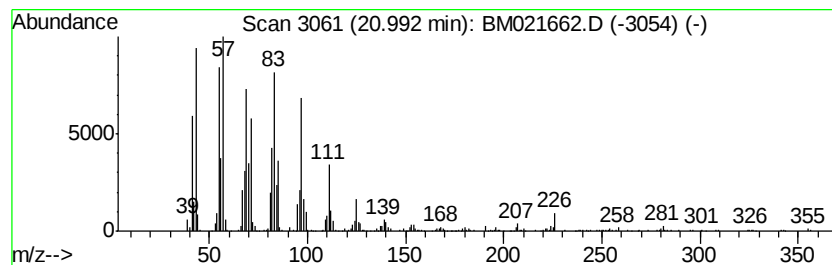
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.85 ng/ul	981496	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	97
2		Z-8-Hexadecene	224	C16H32	1000130-87-5	95
3		1-Docosene	308	C22H44	001599-67-3	93
4		1-Hexacosanol	382	C26H54O	000506-52-5	91
5		1-Tetracosanol	354	C24H50O	000506-51-4	91



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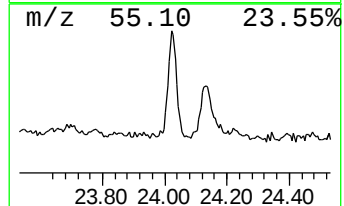
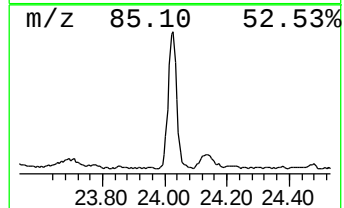
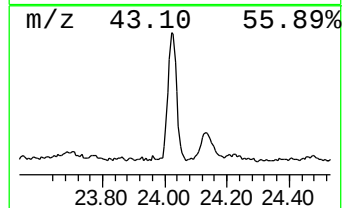
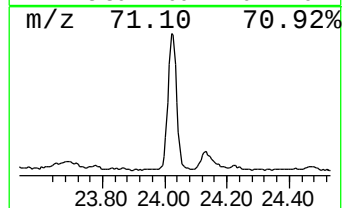
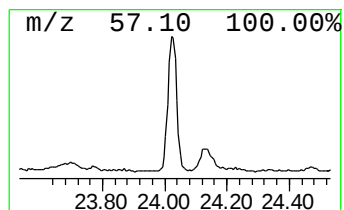
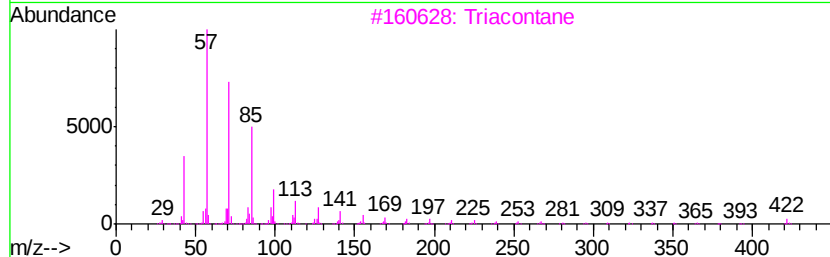
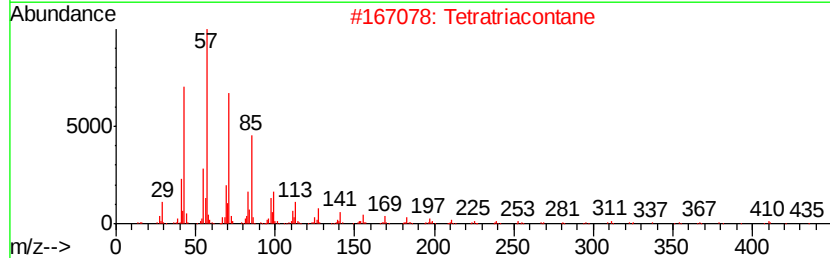
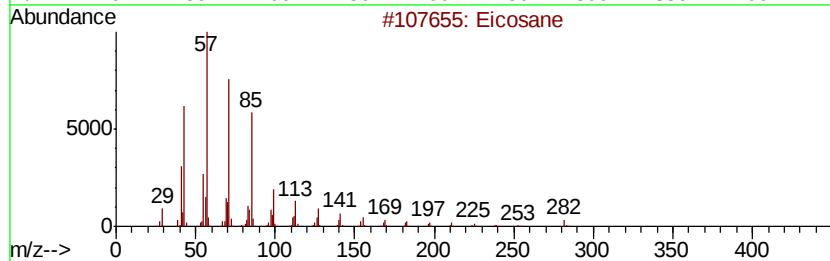
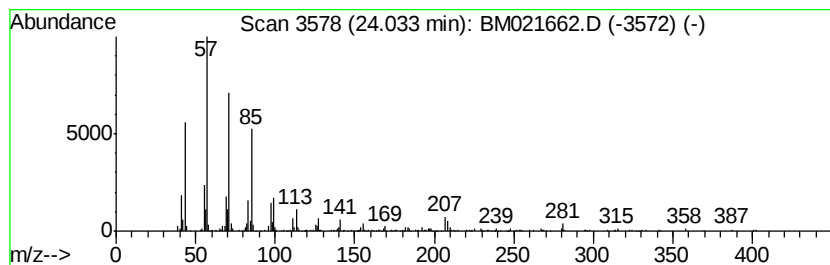
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.90 ng/ul	559165	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	4.3	ng/ul	717114	4	17.09	3357070	20.0
(DEL) Alkane: Cyc...	20.99	3.9	ng/ul	981496	5	21.29	5096670	20.0
(DEL) Alkane: Str...	24.03	2.9	ng/ul	559165	6	23.53	3856170	20.0