

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
 Data File : BM020440.D
 Acq On : 20 May 2019 22:10
 Operator : JU/SJ
 Sample : K2853-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51B0

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	6.898	659	665	682	rVB	328975	576942	28.00%	2.815%
2	7.075	689	695	707	rVB	247916	419657	20.37%	2.048%
3	7.257	720	726	736	rBV	355435	589617	28.62%	2.877%
4	7.734	801	807	813	rBV	279431	461820	22.42%	2.253%
5	8.434	920	926	940	rBV	375491	658264	31.95%	3.212%
6	8.898	999	1005	1016	rBV	300049	520193	25.25%	2.538%
7	9.234	1059	1062	1073	rVB2	11978	20875	1.01%	0.102%
8	9.616	1121	1127	1137	rBV	242979	421146	20.44%	2.055%
9	10.145	1211	1217	1229	rBV	388494	681009	33.06%	3.323%
10	10.522	1274	1281	1292	rBV	362373	606199	29.42%	2.958%
11	10.675	1300	1307	1325	rBV	294180	584969	28.39%	2.854%
12	11.727	1482	1486	1493	rVB2	1607	2711	0.13%	0.013%
13	12.063	1535	1543	1549	rBV5	6098	13112	0.64%	0.064%
14	12.122	1549	1553	1558	rVB3	2690	4722	0.23%	0.023%
15	13.792	1831	1837	1842	rBV	695707	947317	45.98%	4.622%
16	13.839	1842	1845	1855	rVB	248279	338204	16.42%	1.650%
17	14.074	1879	1885	1902	rBV	787426	1170637	56.82%	5.712%
18	14.380	1931	1937	1947	rBV2	503273	791113	38.40%	3.860%
19	14.604	1969	1975	1990	rBV2	103142	243216	11.81%	1.187%
20	15.163	2068	2070	2075	rVV	3383	4027	0.20%	0.020%
21	15.210	2075	2078	2081	rVB3	2377	2711	0.13%	0.013%
22	15.380	2100	2107	2120	rBV	1009460	1414563	68.66%	6.902%
23	15.515	2125	2130	2138	rVB	97474	139834	6.79%	0.682%
24	15.621	2143	2148	2153	rBV2	8079	10713	0.52%	0.052%
25	16.080	2222	2226	2230	rVB3	2434	2793	0.14%	0.014%
26	16.168	2237	2241	2244	rVB3	2291	2517	0.12%	0.012%
27	16.927	2365	2370	2374	rVB3	1987	3151	0.15%	0.015%
28	17.139	2399	2406	2415	rBV	653049	963218	46.75%	4.700%
29	17.233	2416	2422	2434	rVV	999733	1497184	72.67%	7.305%
30	17.409	2447	2452	2454	rBV3	2771	4110	0.20%	0.020%
31	17.427	2454	2455	2460	rVB3	3062	2810	0.14%	0.014%
32	18.015	2550	2555	2561	rBV	65154	96984	4.71%	0.473%
33	18.304	2599	2604	2609	rBV5	4890	8872	0.43%	0.043%
34	18.856	2695	2698	2700	rBV3	3290	2816	0.14%	0.014%

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35	18.939	2710	2712	2717	rBV4	5351	5422	0.26%	0.026%
36	19.074	2733	2735	2738	rBV2	2289	3172	0.15%	0.015%
37	19.168	2746	2751	2757	rBV	12735	22835	1.11%	0.111%
38	19.303	2770	2774	2779	rBV3	25810	43113	2.09%	0.210%
39	19.427	2790	2795	2799	rBV2	9446	15357	0.75%	0.075%
40	19.539	2808	2814	2821	rBV	1335584	1860879	90.33%	9.080%
41	19.686	2837	2839	2841	rBV2	4321	3981	0.19%	0.019%
42	20.456	2964	2970	2976	rBV2	44513	72663	3.53%	0.355%
43	20.556	2984	2987	2990	rBV3	17665	20664	1.00%	0.101%
44	21.027	3063	3067	3074	rBV2	82857	133807	6.49%	0.653%
45	21.333	3114	3119	3128	rBV	853079	1161617	56.38%	5.668%
46	21.456	3138	3140	3145	rVB2	50542	53769	2.61%	0.262%
47	21.897	3212	3215	3218	rBV2	83227	87489	4.25%	0.427%
48	22.362	3290	3294	3302	rVB2	113421	160345	7.78%	0.782%
49	22.874	3377	3381	3387	rVB	136277	205043	9.95%	1.001%
50	23.462	3474	3481	3490	rVB	1001656	2060181	100.00%	10.053%
51	23.609	3500	3506	3514	rVB2	576363	1147236	55.69%	5.598%
52	24.103	3585	3590	3598	rVB2	117122	228342	11.08%	1.114%

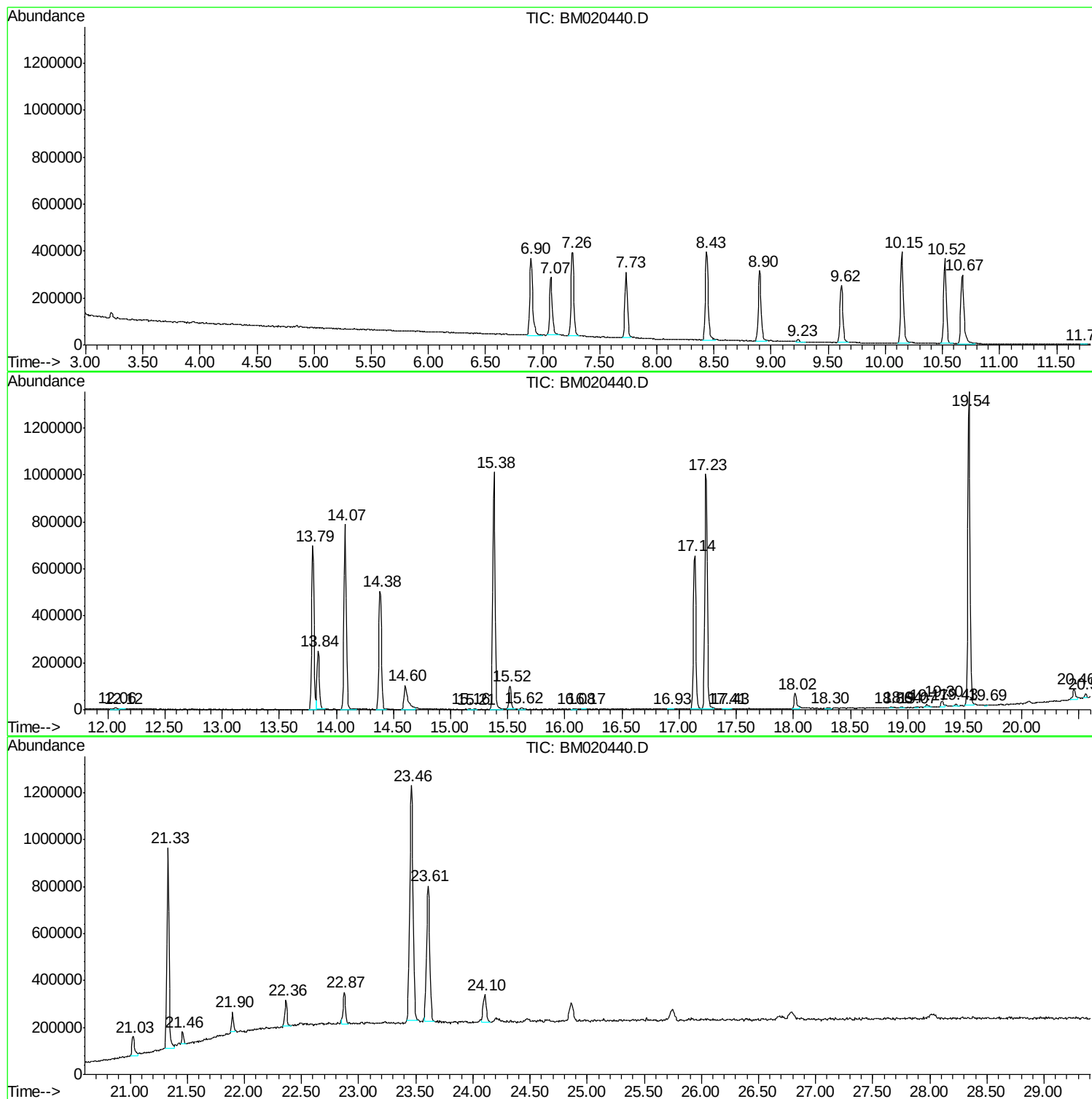
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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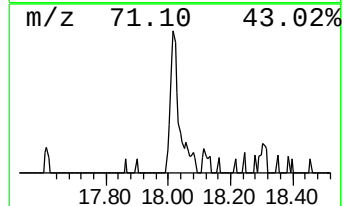
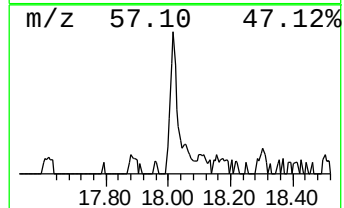
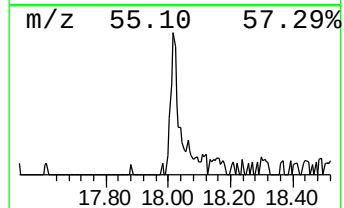
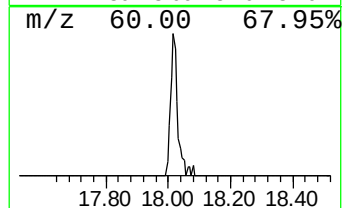
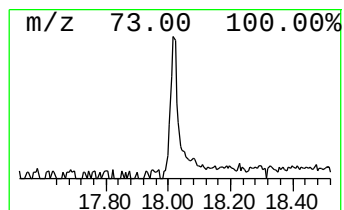
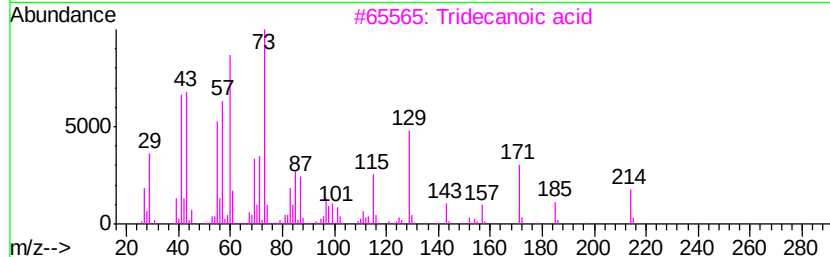
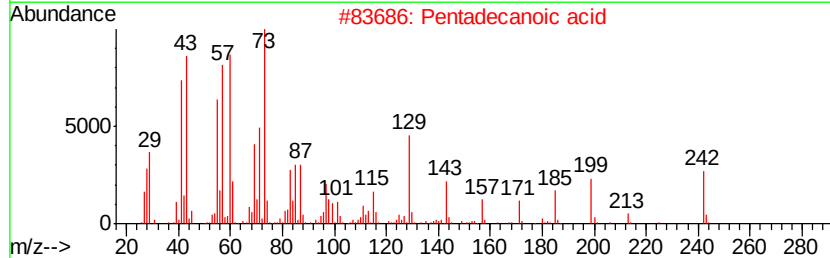
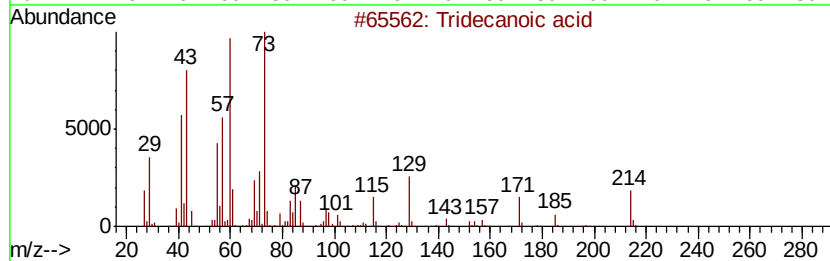
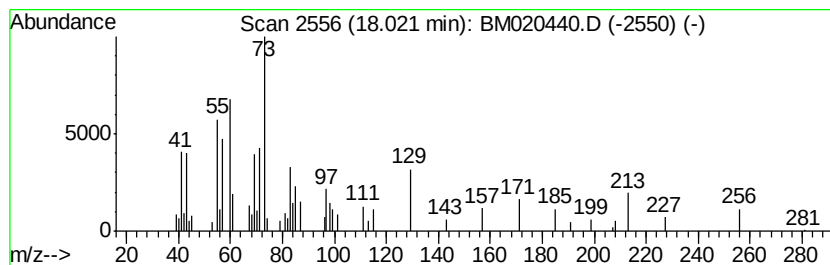
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.01 ng/ul	96984	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		Undecanoic acid	186	C11H22O2	000112-37-8	38
5		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	14



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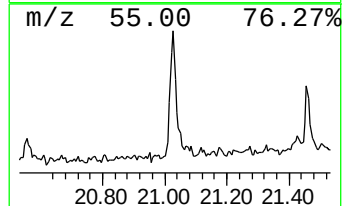
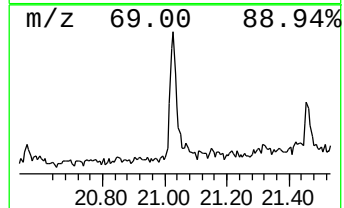
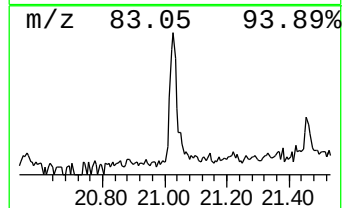
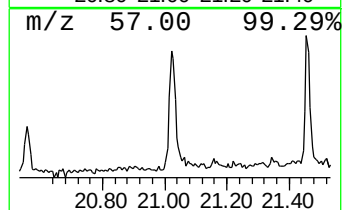
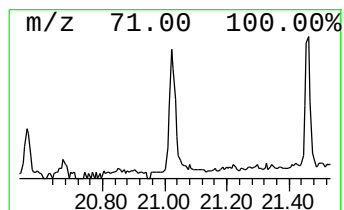
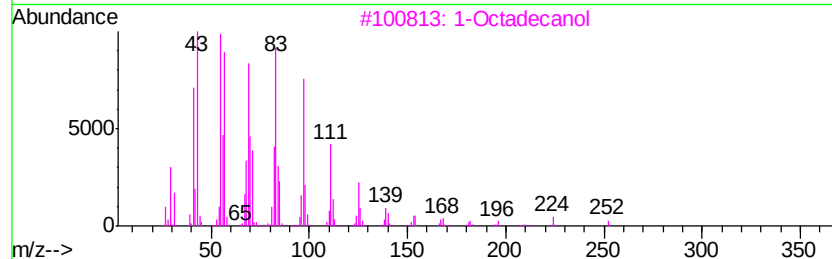
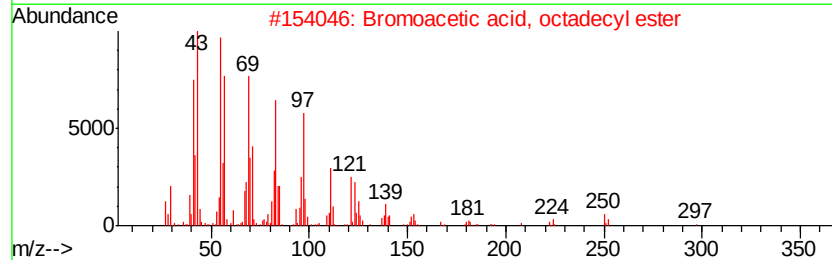
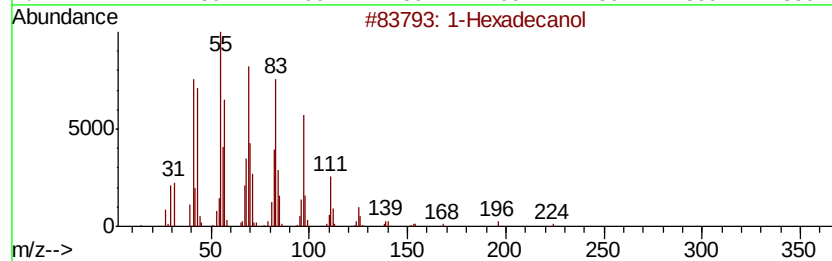
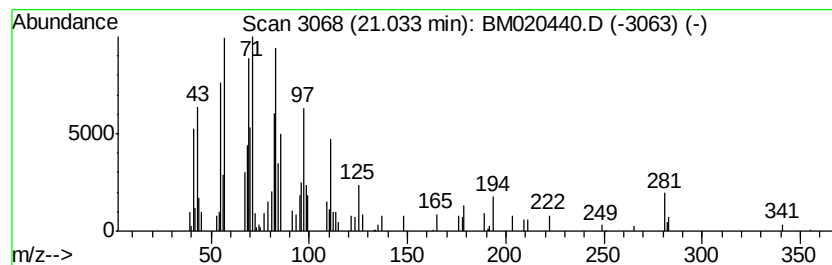
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 1-Hexadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.30 ng/ul	133807	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol		242	C16H34O	036653-82-4	76
2	Bromoacetic acid, octadecyl ester		390	C20H39BrO2	018992-03-5	74
3	1-Octadecanol		270	C18H38O	000112-92-5	64
4	Bromoacetic acid, hexadecyl ester		362	C18H35BrO2	005454-48-8	62
5	1-Hexacosanol		382	C26H54O	000506-52-5	62



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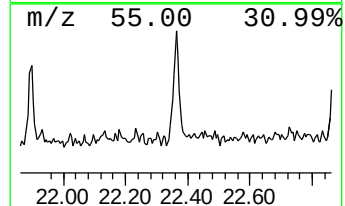
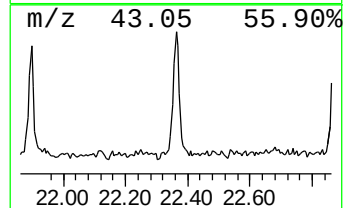
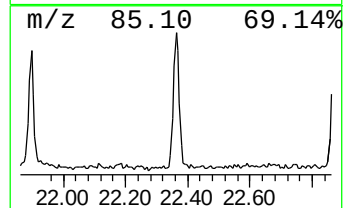
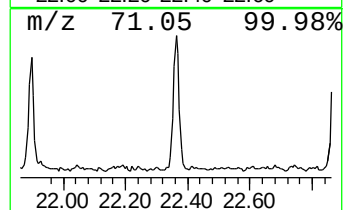
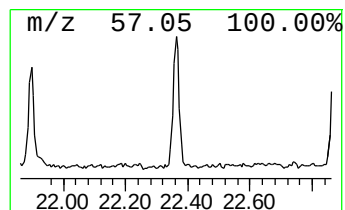
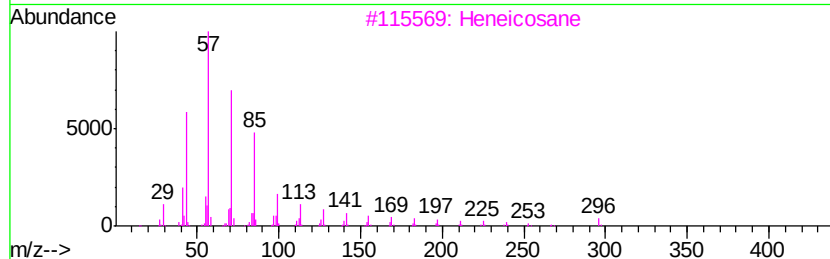
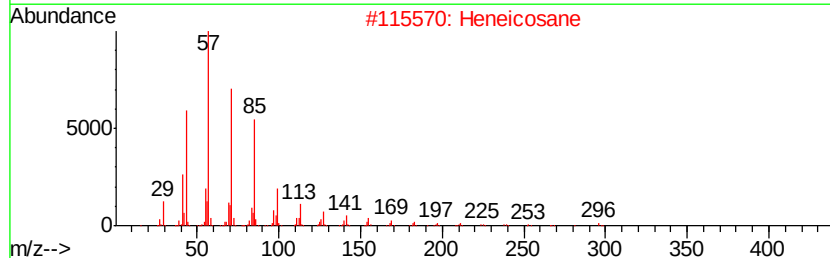
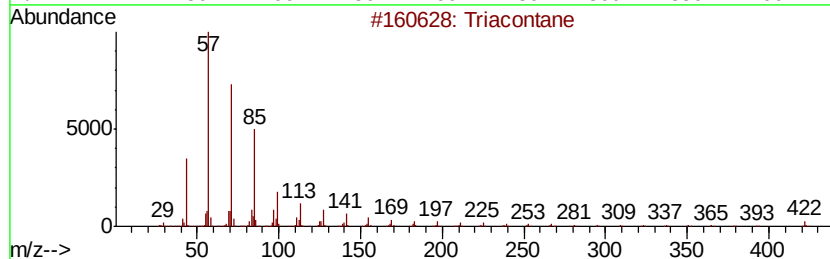
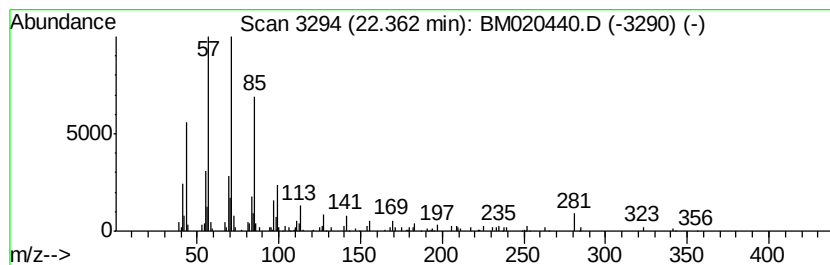
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Quant Title : SVOA CALIBRATION

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.
22.36	2.76 ng/ul	160345	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	87
5		Nonacosane	408	C29H60	000630-03-5	83



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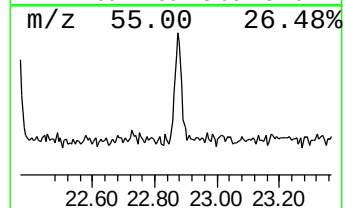
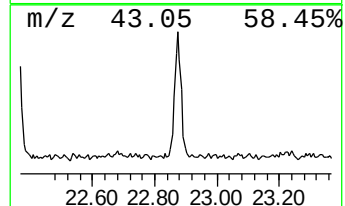
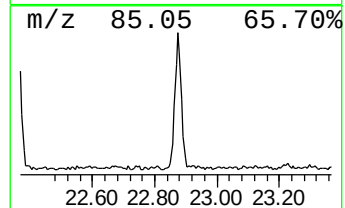
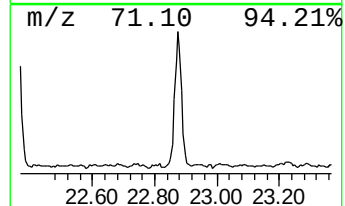
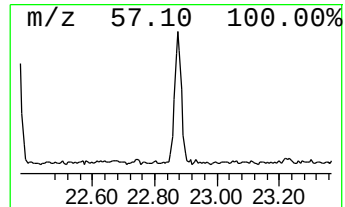
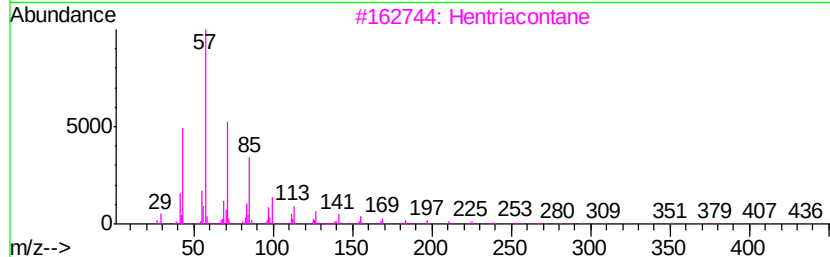
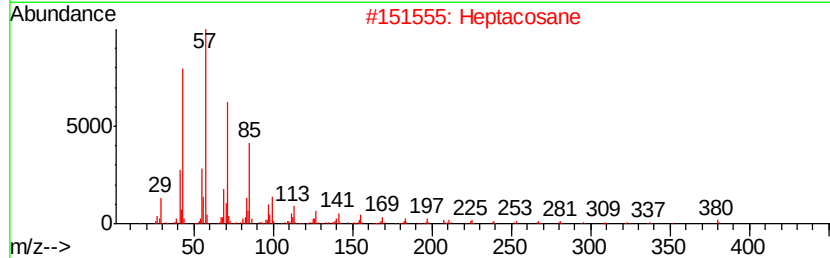
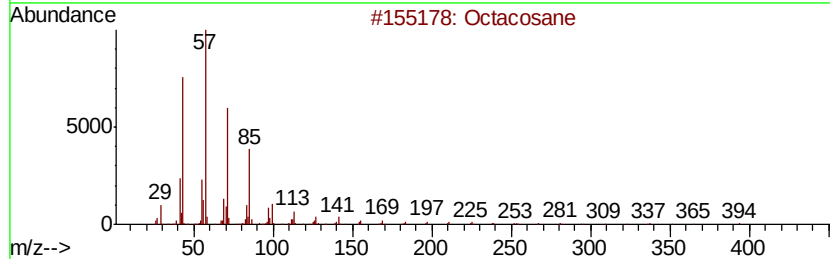
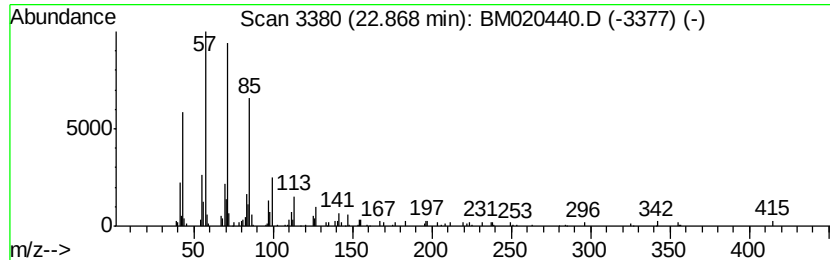
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	3.57 ng/ul	205043	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Hexatriacontane	507	C36H74	000630-06-8	90
5		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90



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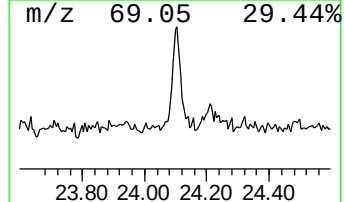
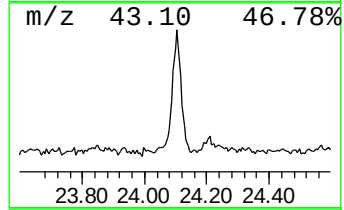
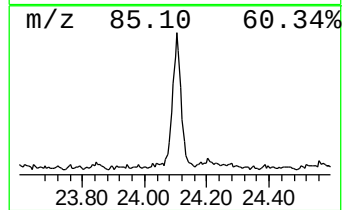
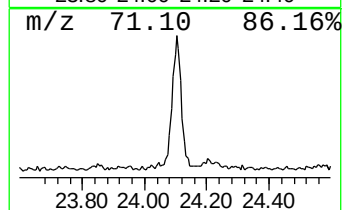
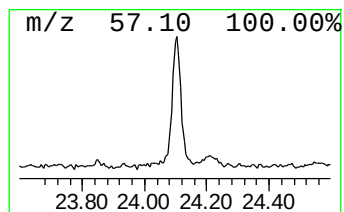
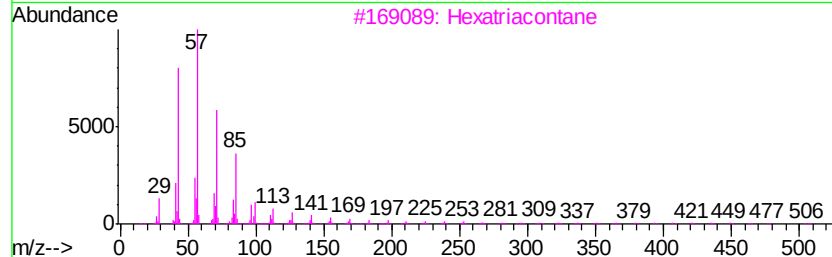
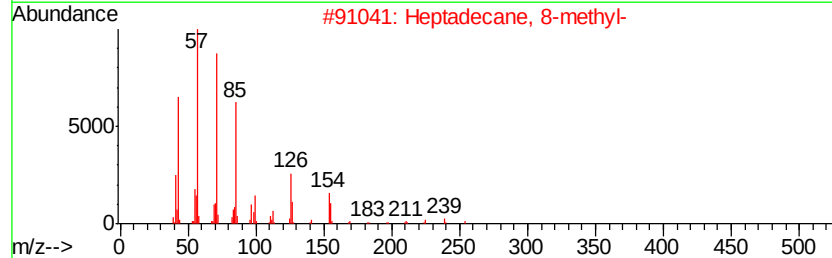
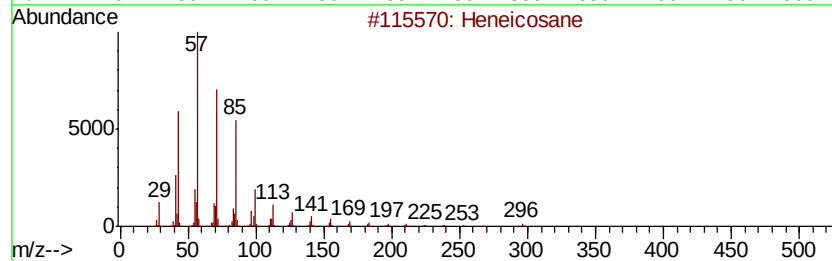
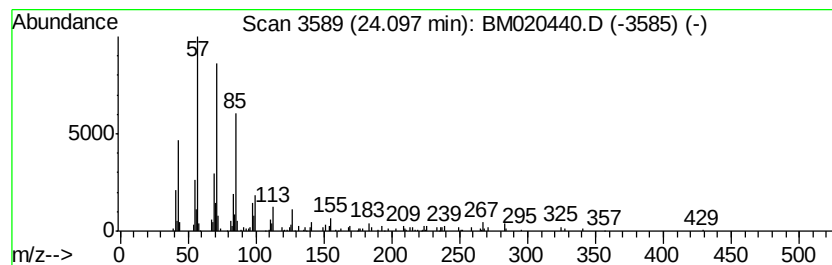
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.98 ng/ul	228342	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
3		Hexatriacontane	507	C36H74	000630-06-8	86
4		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	86
5		Triacontane	422	C30H62	000638-68-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020440.D
Acq On : 20 May 2019 22:10
Operator : JU/SJ
Sample : K2853-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A51B0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	18.02	2.0	ng/ul	96984	4	17.14	963218	20.0
1-Hexadecanol	21.03	2.3	ng/ul	133807	5	21.33	1161620	20.0
(DEL) Alkane: Str...	22.36	2.8	ng/ul	160345	5	21.33	1161620	20.0
(DEL) Alkane: Str...	22.87	3.6	ng/ul	205043	6	23.61	1147240	20.0
(DEL) Alkane: Str...	24.10	4.0	ng/ul	228342	6	23.61	1147240	20.0