

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019846.D
 Acq On : 10 Apr 2019 02:04
 Operator : JU/SJ
 Sample : K2304-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF889

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-BM032219MA.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	3.116	19	22	28	rBV	34435	48880	2.64%	0.225%
2	3.622	105	108	115	rVB3	9488	14605	0.79%	0.067%
3	4.328	225	228	231	rVB4	2802	2545	0.14%	0.012%
4	4.363	231	234	237	rBV4	2516	2391	0.13%	0.011%
5	4.704	289	292	297	rVB2	4749	6929	0.37%	0.032%
6	5.252	383	385	388	rVB3	2232	1937	0.10%	0.009%
7	5.293	391	392	398	rVV4	1593	2448	0.13%	0.011%
8	6.687	625	629	630	rBV2	1751	2353	0.13%	0.011%
9	6.751	633	640	658	rBV	218282	483223	26.07%	2.223%
10	6.910	662	667	684	rBV	200614	384987	20.77%	1.771%
11	7.093	692	698	711	rBV	316261	518747	27.99%	2.386%
12	7.351	738	742	746	rBV3	1444	2760	0.15%	0.013%
13	7.416	749	753	755	rBV4	1827	2118	0.11%	0.010%
14	7.551	770	776	786	rBV	451671	762761	41.15%	3.509%
15	8.281	894	900	919	rBV	234713	482629	26.04%	2.220%
16	8.440	926	927	931	rVB3	1737	1893	0.10%	0.009%
17	8.728	970	976	995	rBV	236483	457389	24.68%	2.104%
18	9.004	1020	1023	1024	rBV2	1718	2261	0.12%	0.010%
19	9.040	1024	1029	1035	rVB	8935	14902	0.80%	0.069%
20	9.439	1091	1097	1112	rBV	196239	384610	20.75%	1.769%
21	9.981	1182	1189	1221	rBV	216933	543561	29.33%	2.501%
22	10.334	1241	1249	1259	rBV	556881	964544	52.04%	4.437%
23	10.510	1272	1279	1302	rBV	171296	477020	25.74%	2.194%
24	10.822	1328	1332	1334	rVV3	1367	1977	0.11%	0.009%
25	10.863	1334	1339	1340	rVV2	1671	2347	0.13%	0.011%
26	11.686	1474	1479	1485	rVB2	1073	2119	0.11%	0.010%
27	12.410	1597	1602	1603	rBV	1366	1948	0.11%	0.009%
28	13.092	1713	1718	1724	rBV3	8682	12804	0.69%	0.059%
29	13.639	1804	1811	1816	rBV	522713	784850	42.35%	3.611%
30	13.692	1816	1820	1828	rVB	80999	136013	7.34%	0.626%
31	13.822	1839	1842	1847	rVB3	1766	2614	0.14%	0.012%
32	13.910	1847	1857	1869	rBV	631534	958261	51.70%	4.408%
33	14.104	1887	1890	1891	rBV2	2478	2802	0.15%	0.013%
34	14.139	1891	1896	1903	rVV5	10930	26665	1.44%	0.123%

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35	14.216	1903	1909	1920	rVB2	780495	1191805	64.30%	5.483%
36	14.510	1953	1959	1973	rBV	65749	227484	12.27%	1.047%
37	14.698	1990	1991	1994	rVB3	3160	2184	0.12%	0.010%
38	15.004	2040	2043	2049	rVB4	2871	3710	0.20%	0.017%
39	15.063	2049	2053	2057	rBV3	2824	4838	0.26%	0.022%
40	15.221	2074	2080	2096	rBV	777577	1165556	62.89%	5.362%
41	15.386	2103	2108	2117	rBV	155446	277892	14.99%	1.278%
42	15.616	2144	2147	2149	rVB3	2400	2344	0.13%	0.011%
43	15.774	2170	2174	2175	rBV3	2032	2041	0.11%	0.009%
44	15.921	2196	2199	2202	rBV2	3172	3193	0.17%	0.015%
45	16.010	2210	2214	2216	rBV3	2460	2980	0.16%	0.014%
46	16.098	2225	2229	2231	rBV3	2427	2852	0.15%	0.013%
47	16.116	2231	2232	2237	rVB2	2532	2075	0.11%	0.010%
48	16.386	2272	2278	2284	rBV2	7313	13993	0.75%	0.064%
49	16.527	2295	2302	2308	rBV4	12925	18567	1.00%	0.085%
50	16.768	2340	2343	2347	rBV2	2227	3615	0.20%	0.017%
51	16.980	2372	2379	2388	rVV	970577	1296627	69.96%	5.965%
52	17.080	2390	2396	2406	rVV	794409	1144200	61.73%	5.264%
53	17.151	2406	2408	2416	rVB4	6672	11677	0.63%	0.054%
54	17.368	2440	2445	2448	rBV4	8556	15896	0.86%	0.073%
55	17.451	2458	2459	2463	rBV3	2732	2745	0.15%	0.013%
56	17.492	2463	2466	2469	rVV5	3113	3546	0.19%	0.016%
57	17.645	2489	2492	2495	rVB5	2031	2601	0.14%	0.012%
58	17.745	2505	2509	2515	rBV6	12967	21350	1.15%	0.098%
59	17.868	2525	2530	2542	rBV	125659	211617	11.42%	0.974%
60	18.057	2560	2562	2563	rVB2	3098	2107	0.11%	0.010%
61	18.080	2563	2566	2567	rBV3	3472	3251	0.18%	0.015%
62	18.133	2573	2575	2577	rBV3	2749	2679	0.14%	0.012%
63	18.215	2585	2589	2590	rBV3	2197	2716	0.15%	0.012%
64	18.245	2593	2594	2597	rVV3	4597	3349	0.18%	0.015%
65	18.292	2600	2602	2605	rVV4	2884	2888	0.16%	0.013%
66	18.404	2619	2621	2622	rVV	2567	1970	0.11%	0.009%
67	18.639	2659	2661	2662	rVB2	3566	1937	0.10%	0.009%
68	18.668	2662	2666	2670	rBV6	4738	10225	0.55%	0.047%
69	18.739	2675	2678	2683	rVB7	11813	18989	1.02%	0.087%
70	18.792	2685	2687	2690	rVV3	5647	5040	0.27%	0.023%
71	18.862	2697	2699	2701	rBV3	3024	2183	0.12%	0.010%

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72	19.027	2723	2727	2728	rBV4	15282	19606	1.06%	0.090%
73	19.162	2746	2750	2758	rBV5	42685	76126	4.11%	0.350%
74	19.392	2783	2789	2800	rBV	946988	1354373	73.07%	6.231%
75	19.627	2825	2829	2834	rBV	74970	101801	5.49%	0.468%
76	20.415	2961	2963	2967	rBV4	23033	25927	1.40%	0.119%
77	20.886	3040	3043	3050	rBV4	82041	125795	6.79%	0.579%
78	21.092	3075	3078	3083	rBV	75408	93665	5.05%	0.431%
79	21.192	3090	3095	3107	rBV	1200815	1692707	91.33%	7.787%
80	21.321	3114	3117	3121	rBV2	61962	65936	3.56%	0.303%
81	21.745	3186	3189	3193	rBV	119884	137906	7.44%	0.634%
82	22.192	3262	3265	3276	rVB	165066	255222	13.77%	1.174%
83	22.315	3283	3286	3294	rVB	212954	295750	15.96%	1.361%
84	22.686	3345	3349	3354	rVB	236300	323567	17.46%	1.489%
85	23.250	3438	3445	3453	rVB3	837308	1853432	100.00%	8.526%
86	23.392	3463	3469	3479	rVB2	906158	1734600	93.59%	7.980%
87	23.850	3543	3547	3556	rVB	218028	390420	21.06%	1.796%

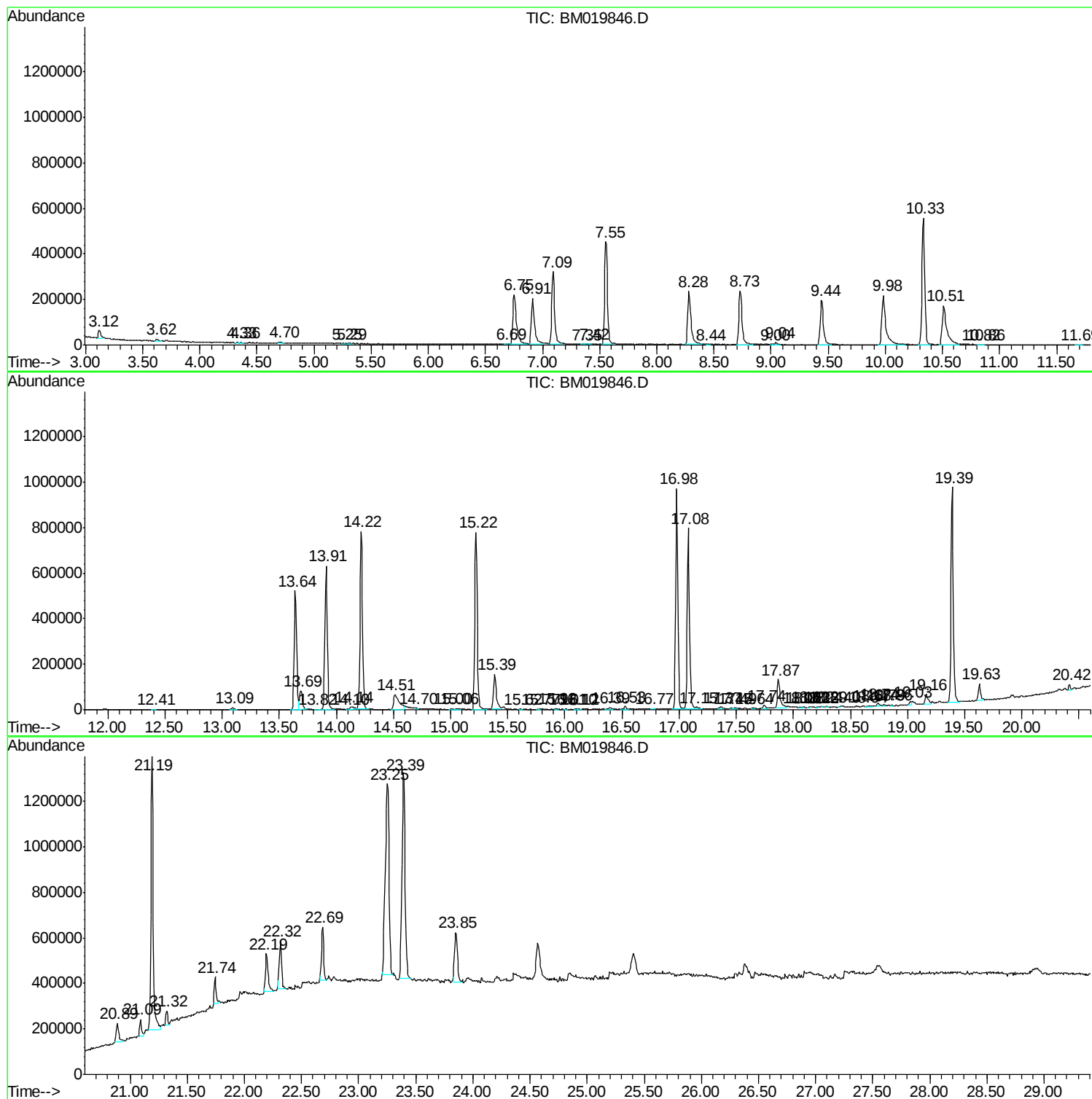
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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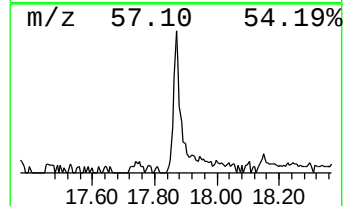
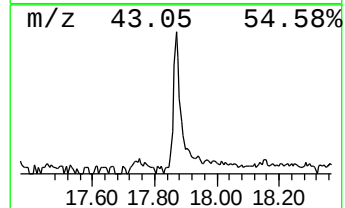
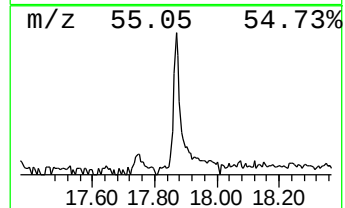
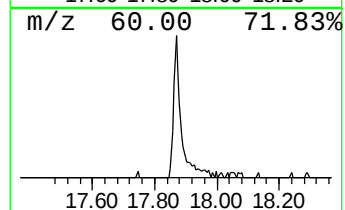
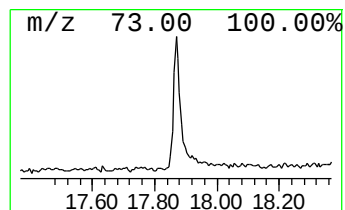
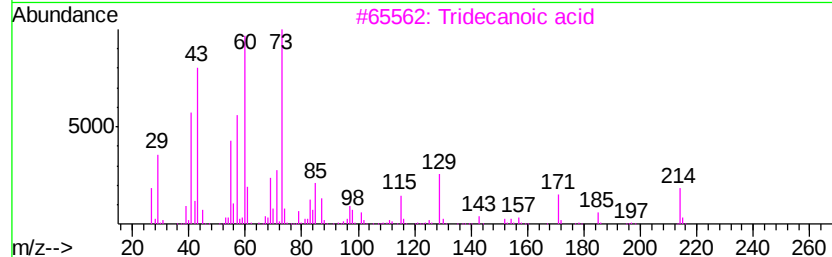
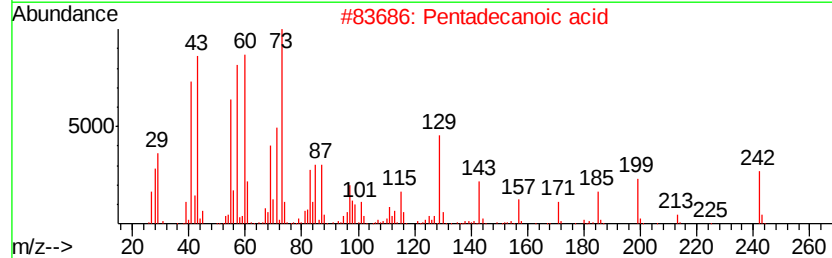
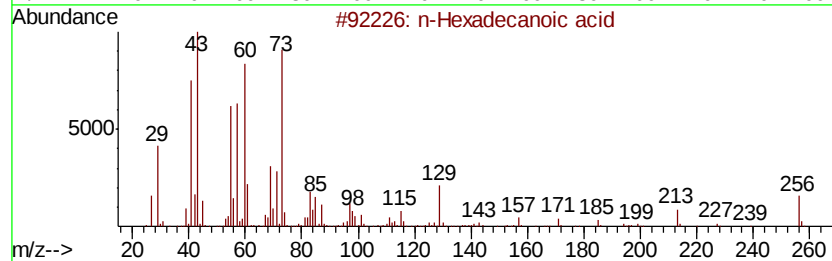
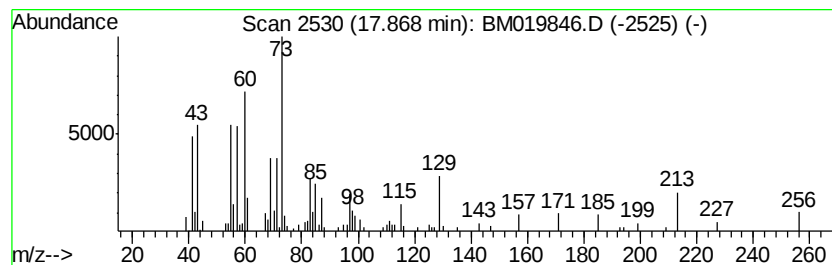
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	3.26 ng/ul	211617	Phenanthrene-d10		16.98	
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	62
3		Tridecanoic acid	214	C13H26O2	000638-53-9	53
4		Dodecanoic acid	200	C12H24O2	000143-07-7	52
5		Tridecanoic acid	214	C13H26O2	000638-53-9	50



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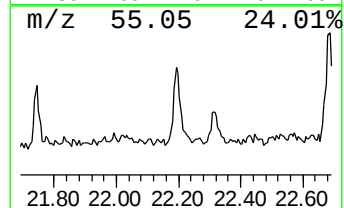
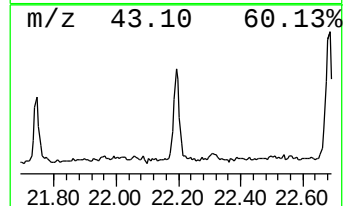
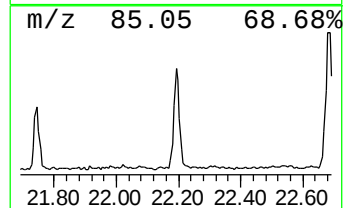
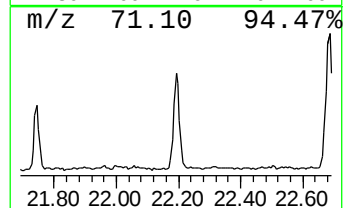
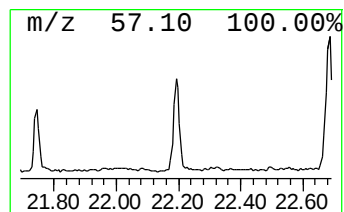
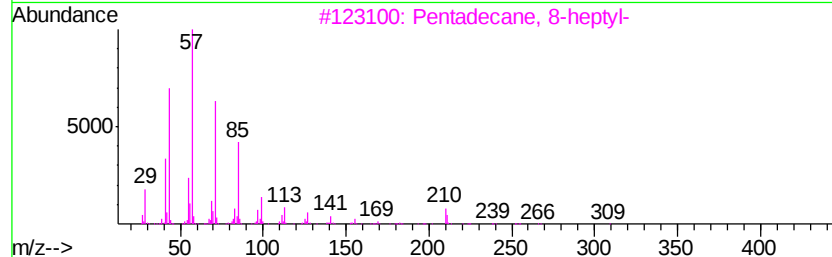
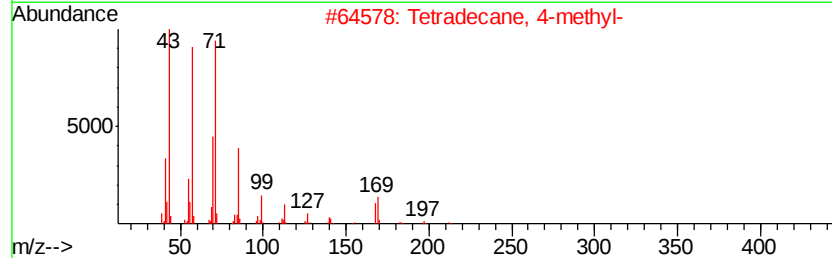
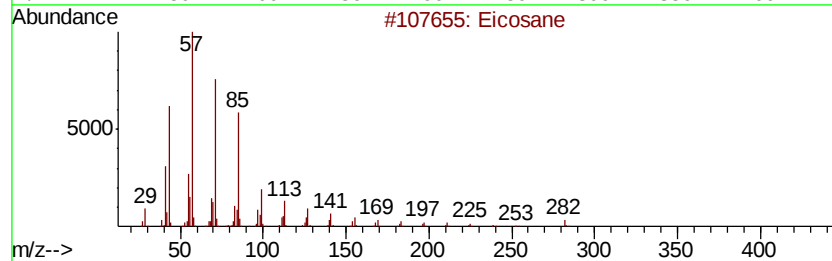
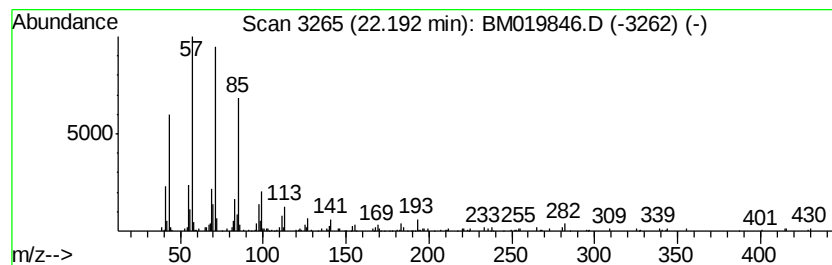
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.02 ng/ul	255222	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	86
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Eicosane	282	C20H42	000112-95-8	81



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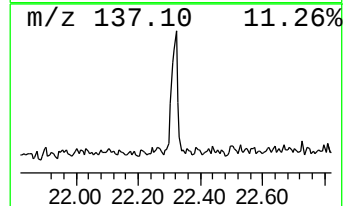
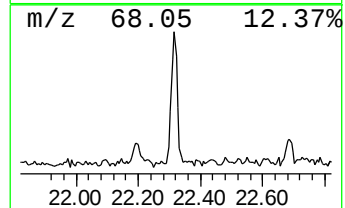
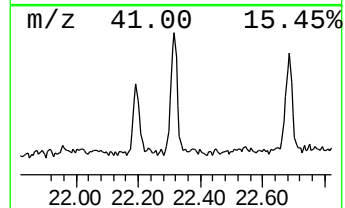
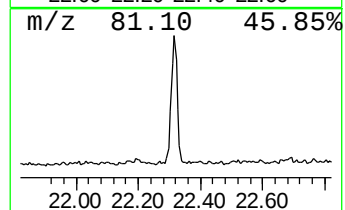
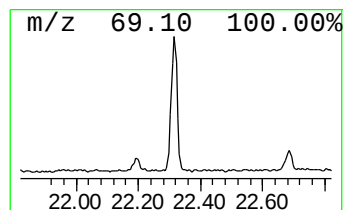
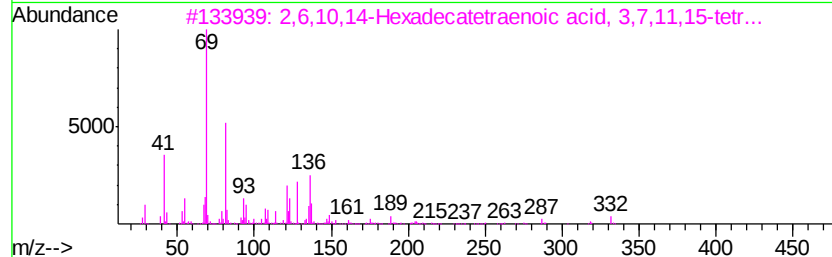
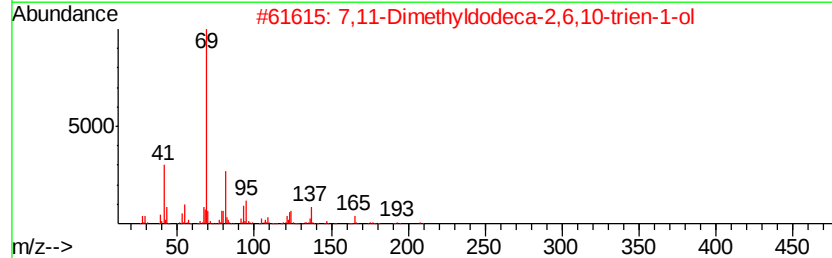
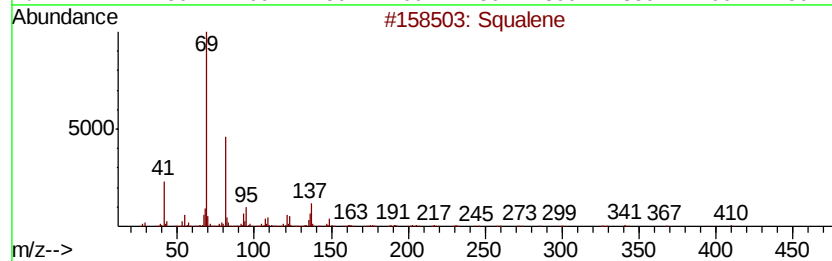
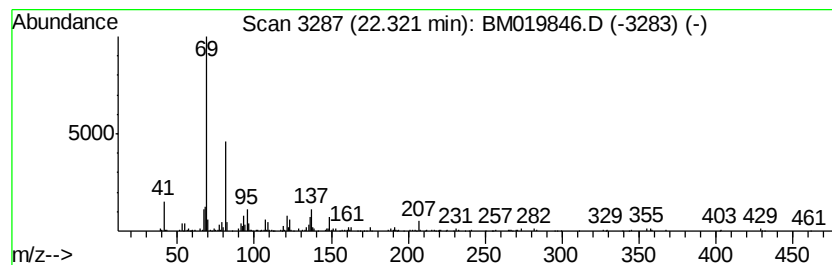
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	3.41 ng/ul	295750	Perylene-d12	23.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	83
2	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	72
3	2,6,10,14-Hexadecatetraenoic aci...	332 C22H36O2	024035-35-6	64
4	1,5-Heptadiene, 3,3,6-trimethyl-	138 C10H18	035387-63-4	64
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203 C12H17N3	003974-79-6	64



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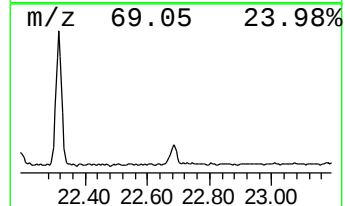
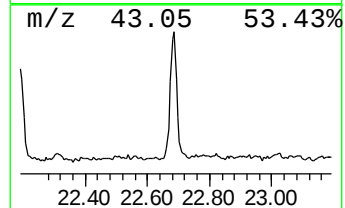
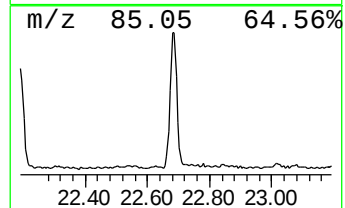
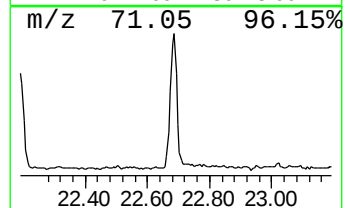
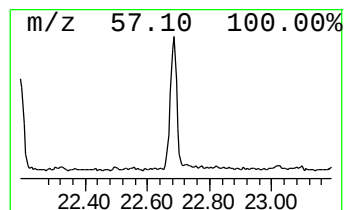
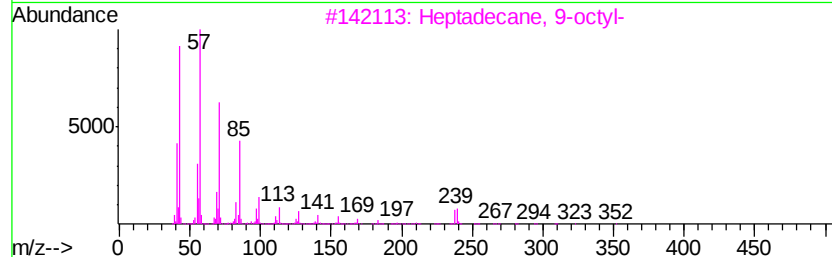
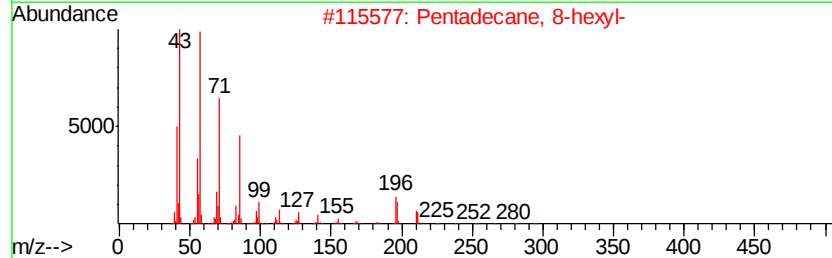
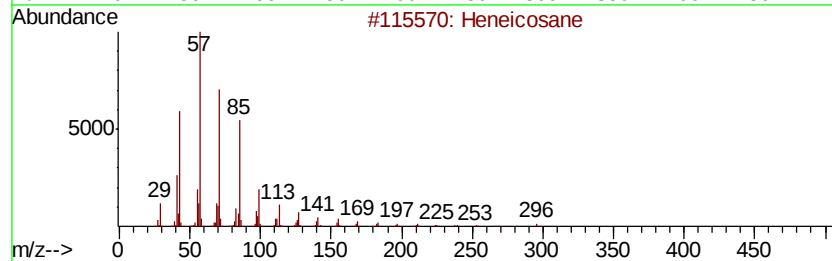
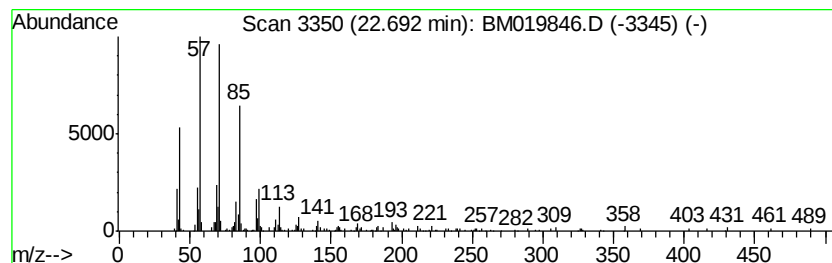
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	3.73 ng/ul	323567	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019846.D
 Acq On : 10 Apr 2019 02:04
 Operator : JU/SJ
 Sample : K2304-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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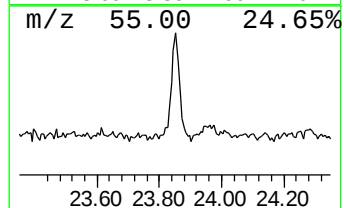
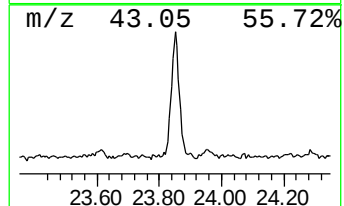
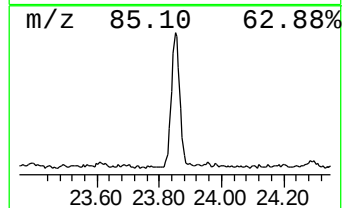
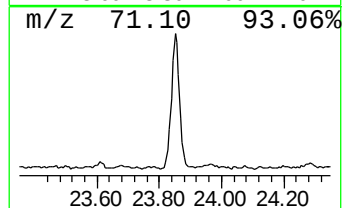
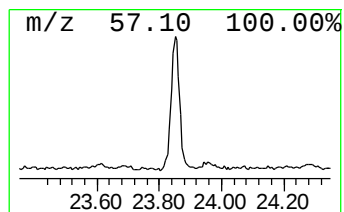
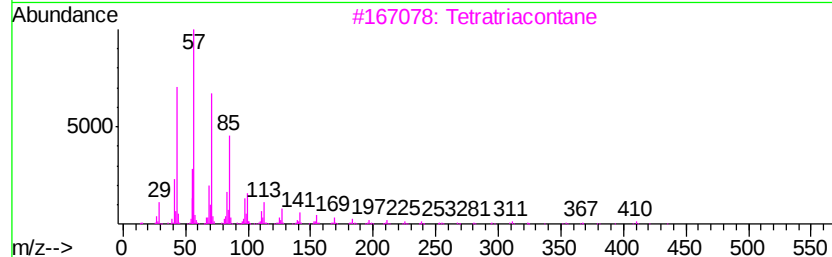
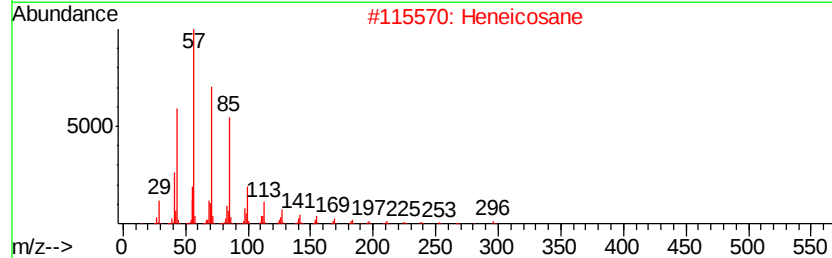
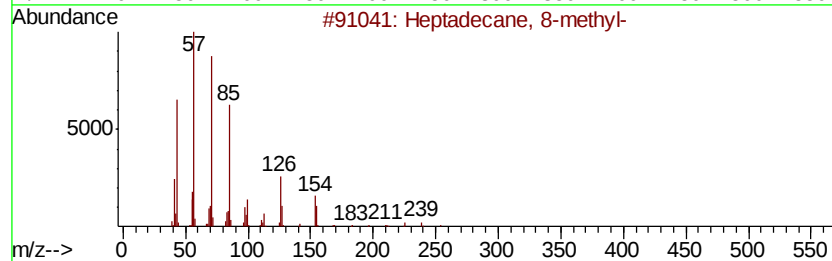
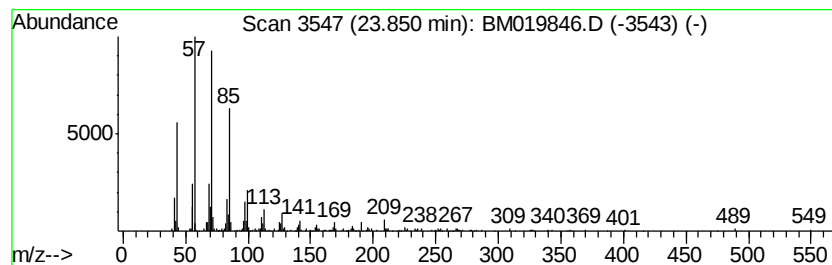
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	4.50 ng/ul	390420	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040919\
Data File : BM019846.D
Acq On : 10 Apr 2019 02:04
Operator : JU/SJ
Sample : K2304-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF889

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
n-Hexadecanoic acid	17.87	3.3	ng/ul	211617	4	16.98	1296630	20.0
(DEL) Alkane: Str...	22.19	3.0	ng/ul	255222	5	21.19	1692710	20.0
Squalene	22.32	3.4	ng/ul	295750	6	23.39	1734600	20.0
(DEL) Alkane: Str...	22.69	3.7	ng/ul	323567	6	23.39	1734600	20.0
(DEL) Alkane: Str...	23.85	4.5	ng/ul	390420	6	23.39	1734600	20.0