

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019623.D
 Acq On : 30 Mar 2019 17:26
 Operator : JU/SJ
 Sample : K2065-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5L3

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	3.122	20	23	34	rVB	30823	56866	1.58%	0.160%
2	3.628	106	109	117	rVB2	13753	22372	0.62%	0.063%
3	3.722	121	125	129	rVB	16145	24543	0.68%	0.069%
4	4.369	233	235	239	rBV4	3134	3998	0.11%	0.011%
5	4.716	291	294	301	rBV	15646	21851	0.61%	0.062%
6	6.757	635	641	661	rBV	295918	615316	17.10%	1.732%
7	6.928	664	670	690	rBV	253065	475943	13.22%	1.340%
8	7.110	695	701	719	rVB	372087	649759	18.05%	1.829%
9	7.575	773	780	796	rBV	533781	882185	24.51%	2.483%
10	8.293	896	902	917	rBV	341157	659251	18.32%	1.855%
11	8.422	920	924	935	rVB2	7603	14994	0.42%	0.042%
12	8.745	972	979	993	rBV	315643	590495	16.41%	1.662%
13	9.069	1029	1034	1038	rVB2	7244	10061	0.28%	0.028%
14	9.457	1094	1100	1110	rBV	274999	485288	13.48%	1.366%
15	9.757	1147	1151	1153	rBV3	3384	4798	0.13%	0.014%
16	9.992	1184	1191	1205	rBV	351270	726252	20.18%	2.044%
17	10.351	1245	1252	1264	rBV	811680	1319091	36.65%	3.713%
18	10.522	1275	1281	1306	rBV	257626	655588	18.22%	1.845%
19	11.569	1455	1459	1463	rVB3	1897	3654	0.10%	0.010%
20	11.963	1520	1526	1533	rBV4	3541	6845	0.19%	0.019%
21	12.522	1614	1621	1623	rBV4	6459	9608	0.27%	0.027%
22	12.557	1625	1627	1631	rVB3	3496	3949	0.11%	0.011%
23	13.033	1704	1708	1713	rVB4	2624	4326	0.12%	0.012%
24	13.657	1807	1814	1819	rBV	813183	1165704	32.39%	3.281%
25	13.704	1819	1822	1833	rVB	128838	184819	5.14%	0.520%
26	13.927	1853	1860	1878	rVB	911962	1349353	37.49%	3.798%
27	14.116	1888	1892	1896	rVB3	3901	5769	0.16%	0.016%
28	14.233	1906	1912	1923	rBV2	1131185	1756235	48.80%	4.943%
29	14.492	1951	1956	1972	rBV2	114595	366248	10.18%	1.031%
30	14.663	1980	1985	1996	rBV	221676	339181	9.42%	0.955%
31	15.027	2044	2047	2051	rVB2	4334	6349	0.18%	0.018%
32	15.074	2051	2055	2059	rVB2	9041	12392	0.34%	0.035%
33	15.233	2076	2082	2091	rBV	1225188	1791514	49.78%	5.042%
34	15.380	2102	2107	2120	rBV	212486	362252	10.07%	1.020%

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35	15.474	2120	2123	2130	rVB2	16690	26190	0.73%	0.074%
36	15.945	2198	2203	2209	rBV3	10770	22884	0.64%	0.064%
37	16.027	2214	2217	2220	rVB4	5286	6408	0.18%	0.018%
38	16.133	2232	2235	2240	rVB4	4415	5253	0.15%	0.015%
39	16.186	2240	2244	2249	rBV4	3239	6671	0.19%	0.019%
40	16.398	2275	2280	2288	rBV2	48104	83754	2.33%	0.236%
41	16.545	2300	2305	2310	rBV4	10826	15590	0.43%	0.044%
42	16.592	2310	2313	2317	rVV	5864	5629	0.16%	0.016%
43	16.739	2332	2338	2341	rBV2	12037	14126	0.39%	0.040%
44	16.780	2341	2345	2350	rBV3	12299	17509	0.49%	0.049%
45	16.992	2375	2381	2392	rBV2	1540543	2153171	59.83%	6.060%
46	17.092	2392	2398	2409	rBV2	1355494	1926156	53.52%	5.421%
47	17.280	2426	2430	2432	rVB5	5554	6720	0.19%	0.019%
48	17.368	2441	2445	2446	rBV4	5864	7644	0.21%	0.022%
49	17.433	2454	2456	2459	rBV4	2651	3716	0.10%	0.010%
50	17.474	2460	2463	2469	rVB6	13752	16801	0.47%	0.047%
51	17.792	2514	2517	2520	rVB5	4083	4433	0.12%	0.012%
52	17.821	2520	2522	2525	rBV2	4782	4884	0.14%	0.014%
53	17.886	2528	2533	2544	rBV	214388	347066	9.64%	0.977%
54	18.168	2579	2581	2587	rVB4	10649	11529	0.32%	0.032%
55	18.386	2617	2618	2620	rBV2	4534	3894	0.11%	0.011%
56	18.733	2673	2677	2678	rBV3	7427	9014	0.25%	0.025%
57	18.815	2688	2691	2693	rVB4	10972	12884	0.36%	0.036%
58	19.033	2725	2728	2731	rBV2	22879	32024	0.89%	0.090%
59	19.180	2748	2753	2759	rBV	109310	176483	4.90%	0.497%
60	19.398	2785	2790	2798	rBV	1648925	2375576	66.01%	6.686%
61	19.739	2845	2848	2851	rBV	49503	47504	1.32%	0.134%
62	19.774	2851	2854	2863	rVB	83752	103346	2.87%	0.291%
63	20.715	3011	3014	3017	rBV4	66654	70079	1.95%	0.197%
64	20.751	3017	3020	3023	rVB	102103	103000	2.86%	0.290%
65	20.898	3041	3045	3054	rBV2	621526	746114	20.73%	2.100%
66	21.198	3091	3096	3110	rBV	2435373	3149259	87.50%	8.864%
67	21.333	3117	3119	3128	rVB2	95566	142403	3.96%	0.401%
68	21.615	3164	3167	3170	rVB2	93495	94316	2.62%	0.265%
69	21.762	3189	3192	3195	rBV	172113	191339	5.32%	0.539%
70	22.209	3265	3268	3274	rVB	274191	345314	9.59%	0.972%
71	22.703	3348	3352	3357	rVB	355942	476198	13.23%	1.340%

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72	23.262	3440	3447	3457	rBV2	1936674	3598999	100.00%	10.130%
73	23.403	3465	3471	3482	rVB	1876258	3366078	93.53%	9.474%
74	23.880	3547	3552	3558	rVB	347969	641450	17.82%	1.805%
75	24.597	3670	3674	3683	rVB	278688	571564	15.88%	1.609%

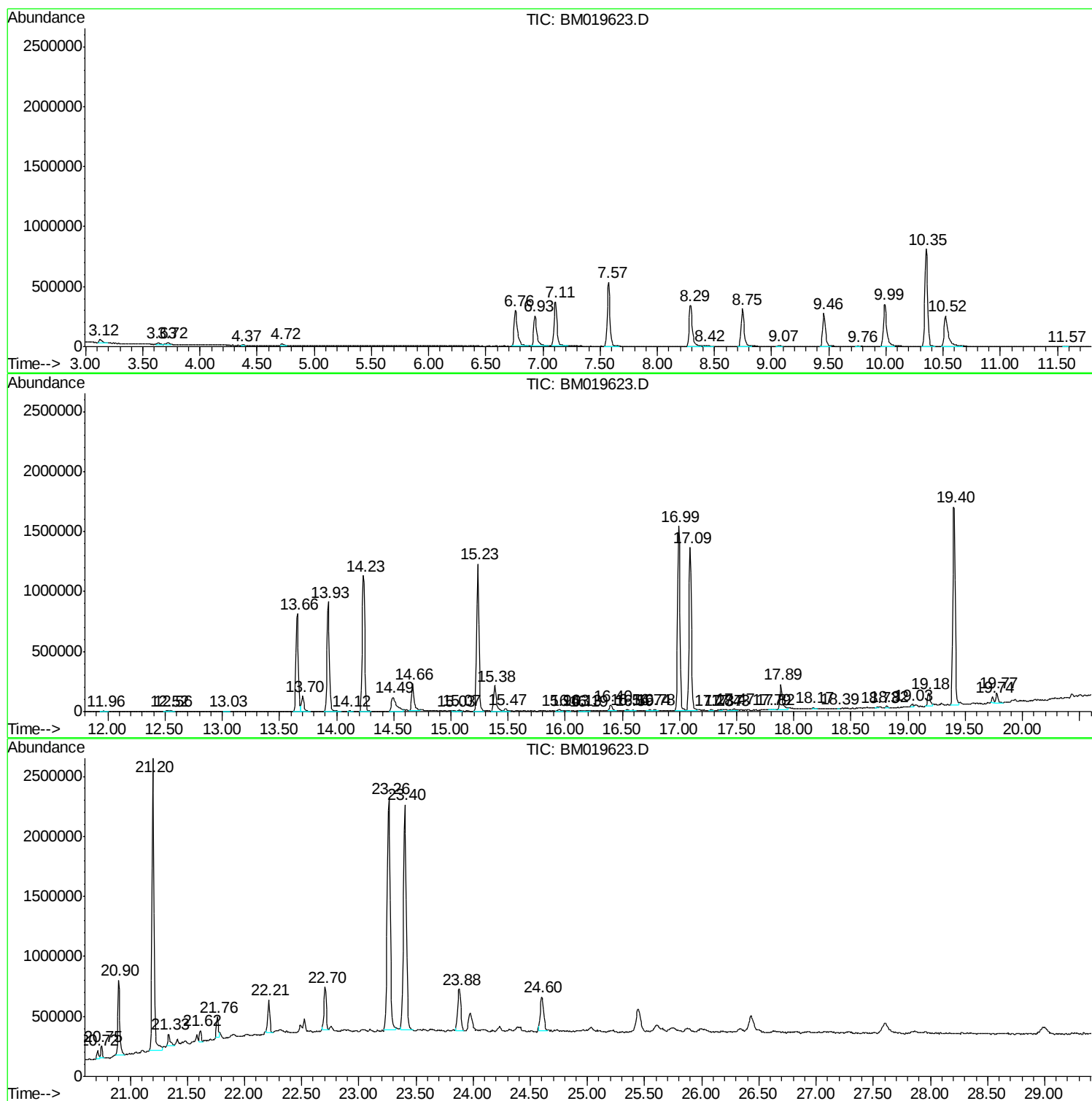
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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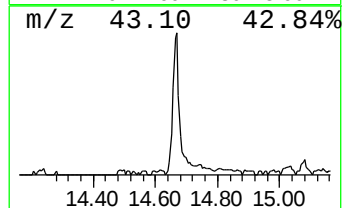
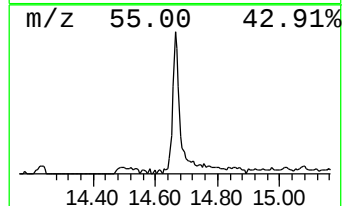
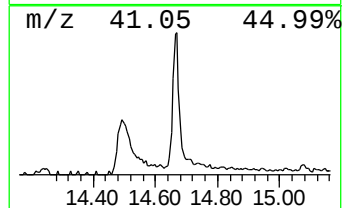
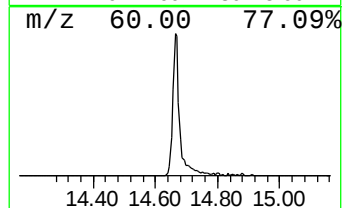
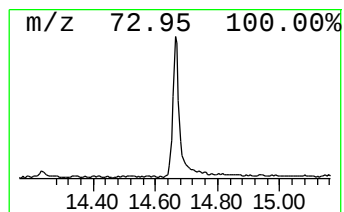
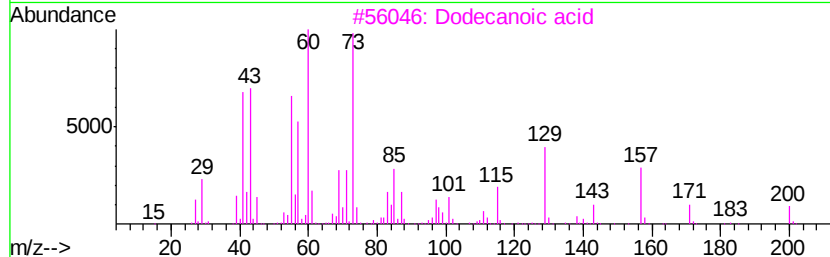
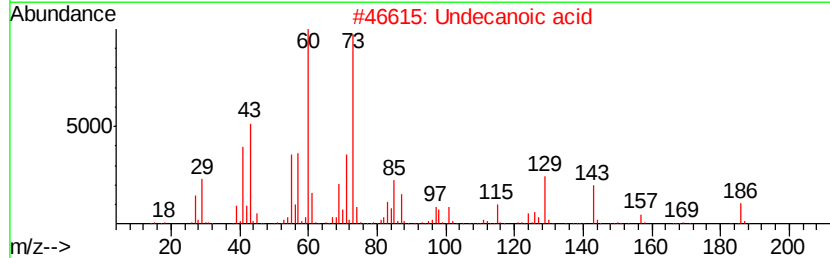
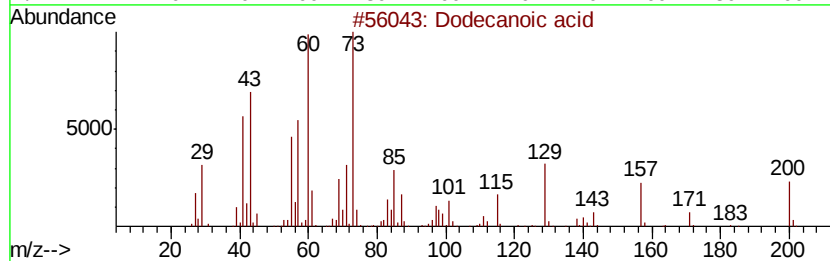
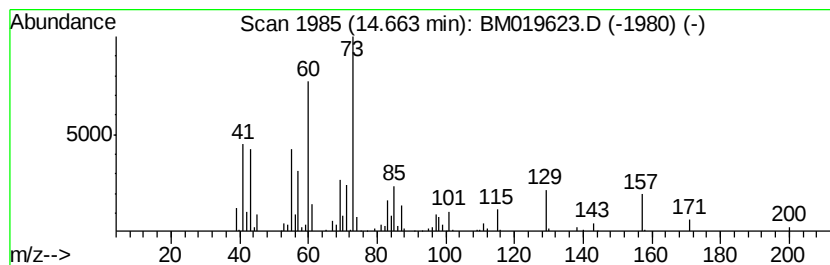
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.86 ng/ul	339181	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	94
2	Undecanoic acid	186 C11H22O2	000112-37-8	80
3	Dodecanoic acid	200 C12H24O2	000143-07-7	78
4	Undecanoic acid	186 C11H22O2	000112-37-8	59
5	Undecanoic acid	186 C11H22O2	000112-37-8	45



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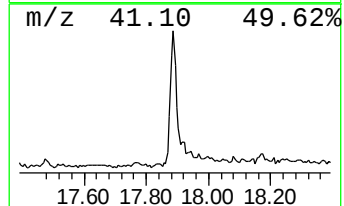
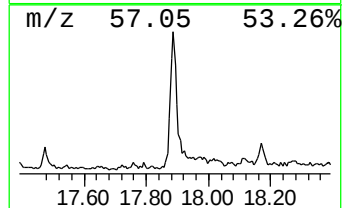
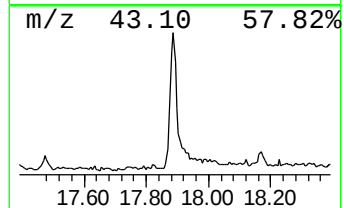
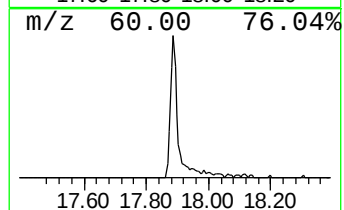
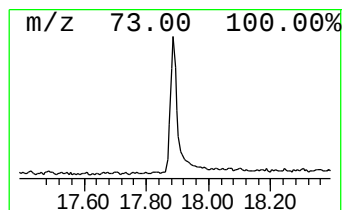
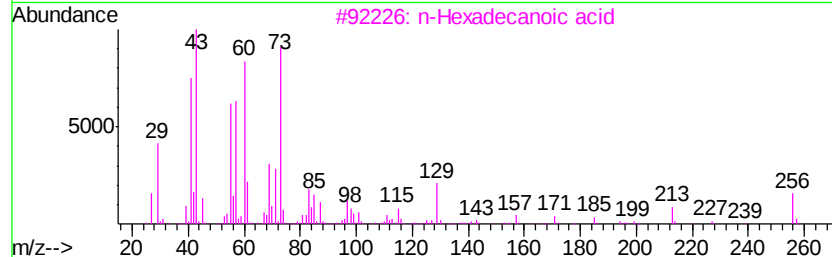
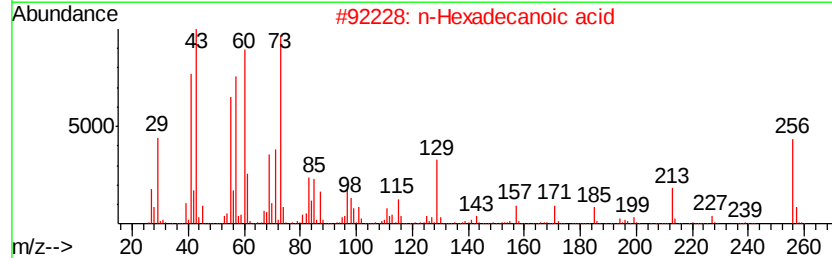
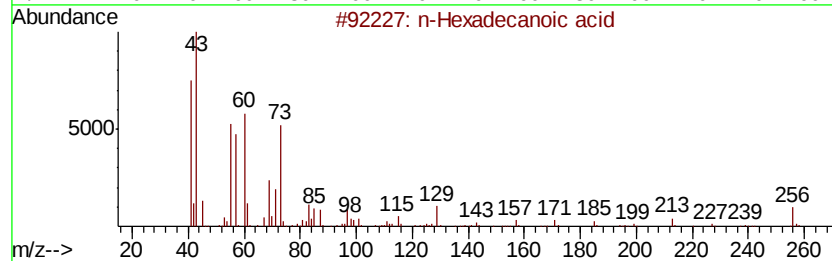
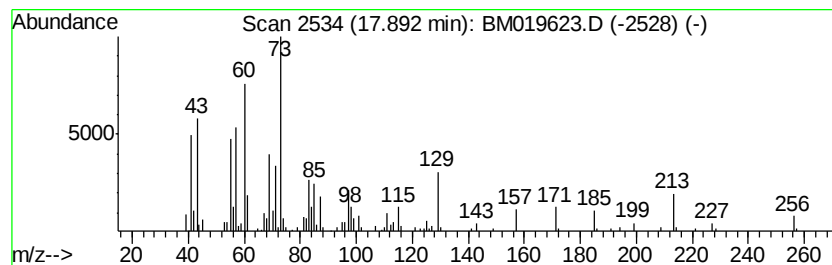
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.22 ng/ul	347066	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



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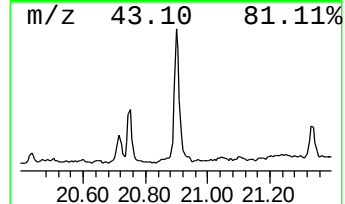
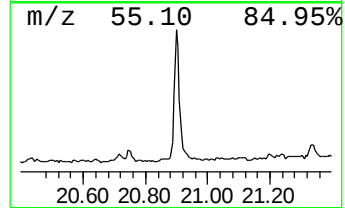
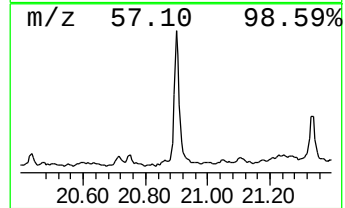
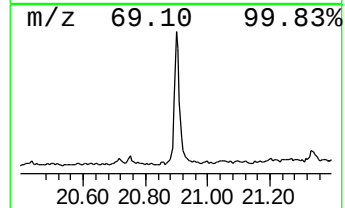
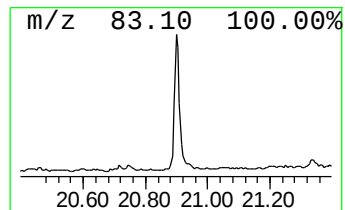
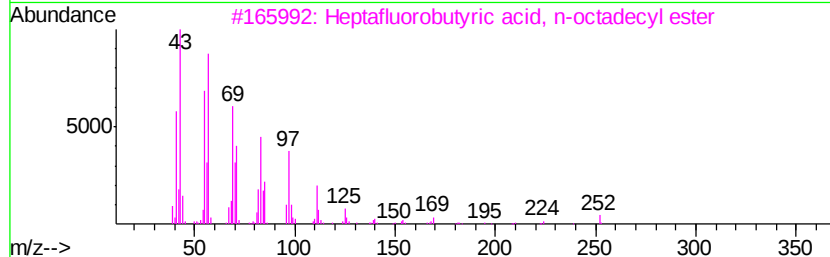
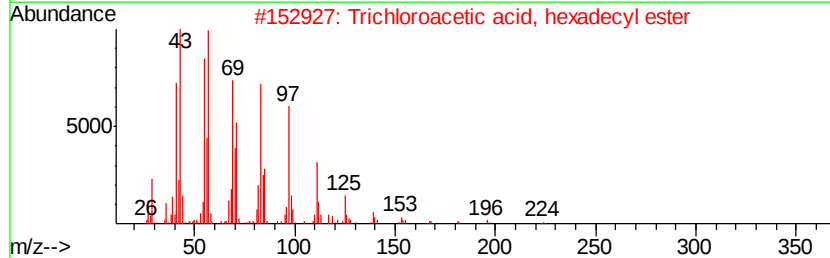
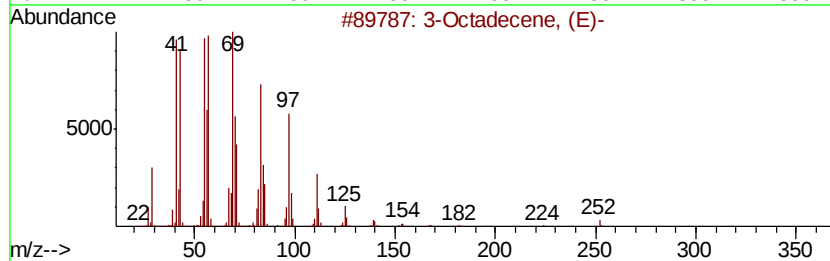
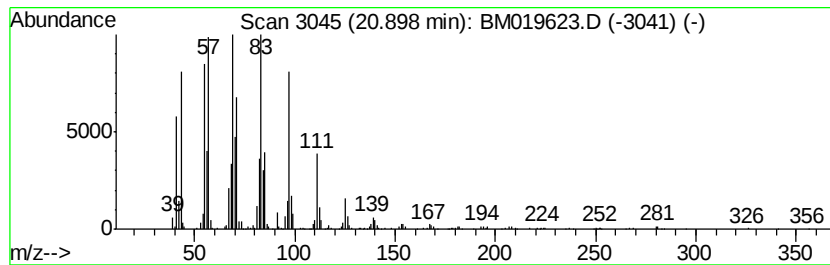
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Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.90	4.74 ng/ul	746114	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-		252	C18H36	007206-19-1	97
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
3	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	91
4	9-Eicosene, (E)-		280	C20H40	074685-29-3	91
5	3-Eicosene, (E)-		280	C20H40	074685-33-9	87



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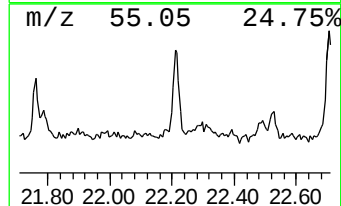
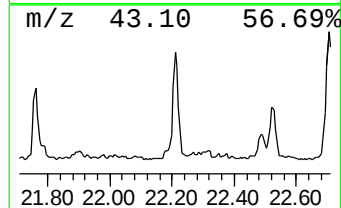
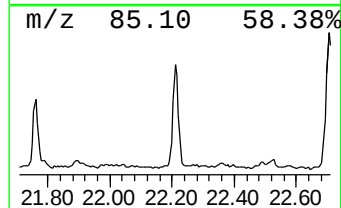
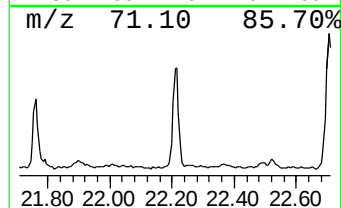
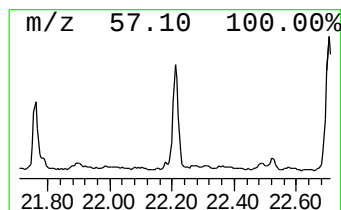
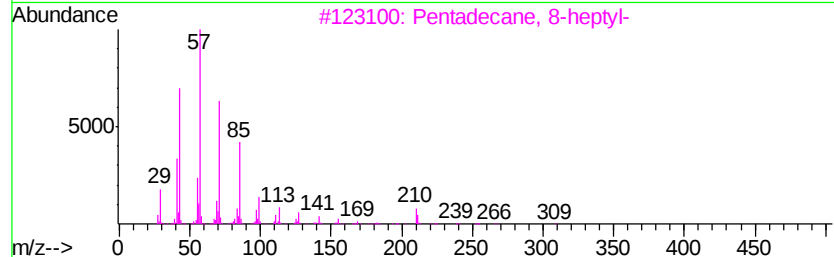
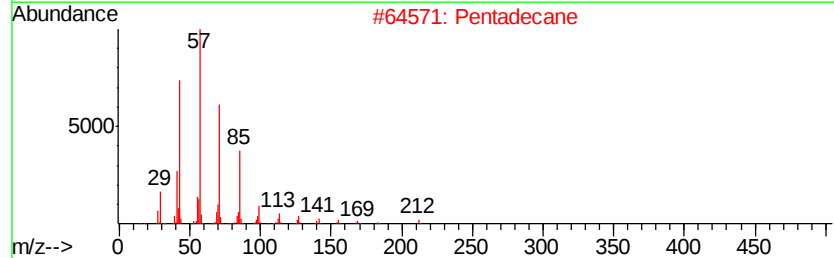
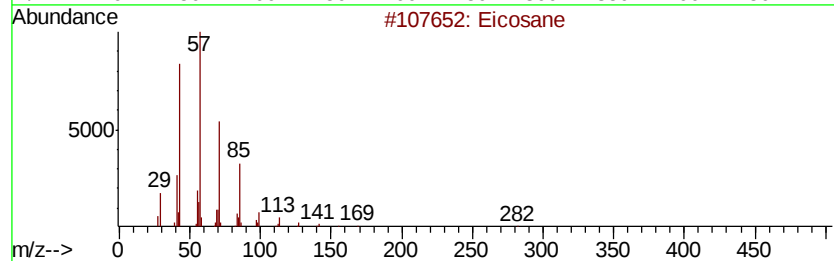
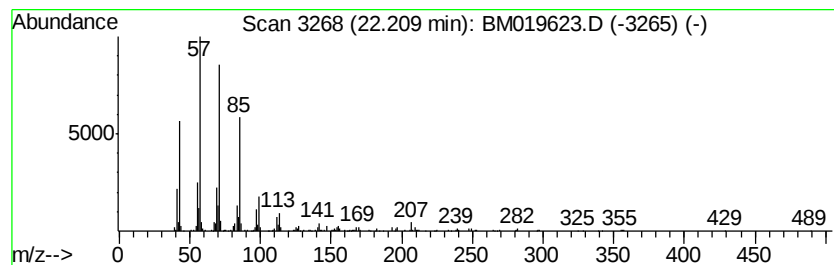
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.19 ng/ul	345314	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Pentadecane	212	C15H32	000629-62-9	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019623.D
Acq On : 30 Mar 2019 17:26
Operator : JU/SJ
Sample : K2065-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5L3

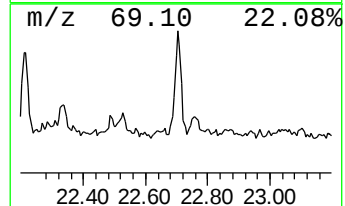
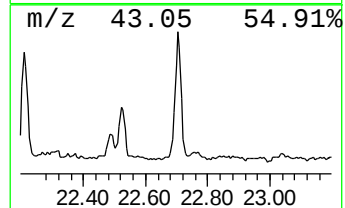
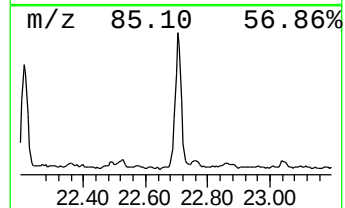
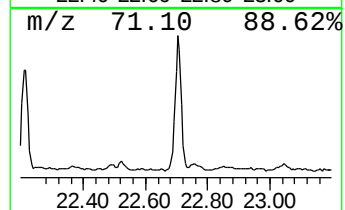
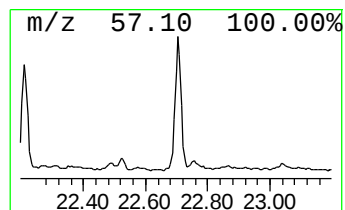
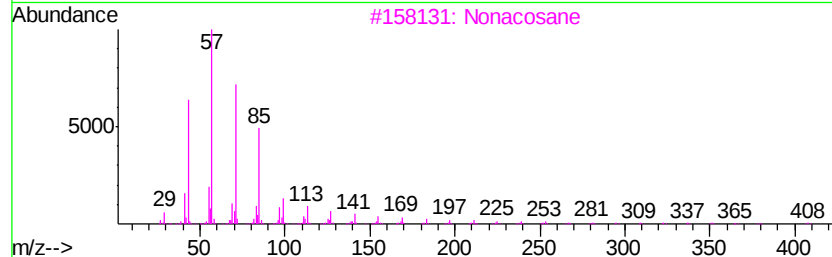
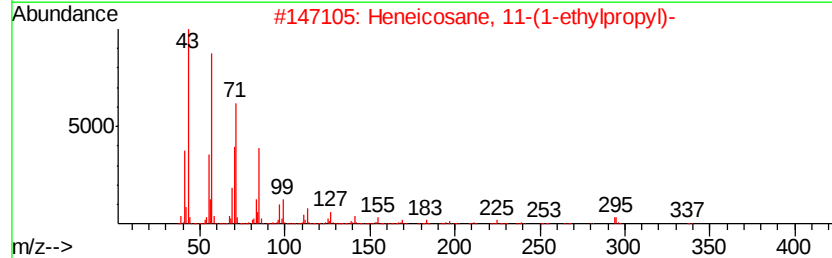
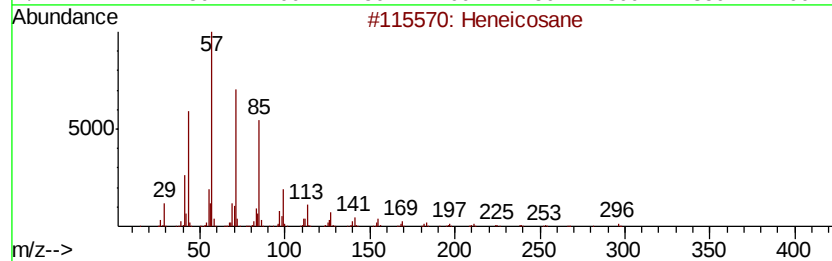
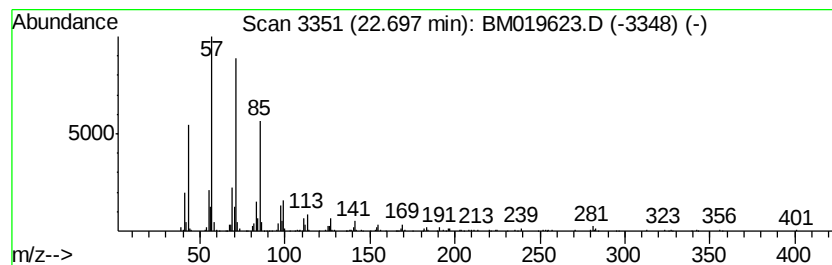
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.83 ng/ul	476198	Perylene-d12	23.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	86
3	Nonacosane		408	C29H60	000630-03-5	86
4	Docosane		310	C22H46	000629-97-0	86
5	Octadecane		254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019623.D
Acq On : 30 Mar 2019 17:26
Operator : JU/SJ
Sample : K2065-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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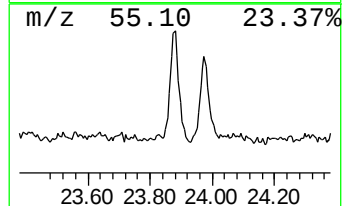
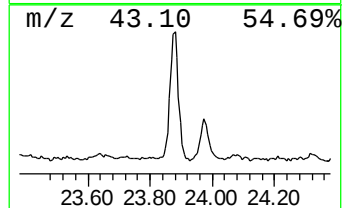
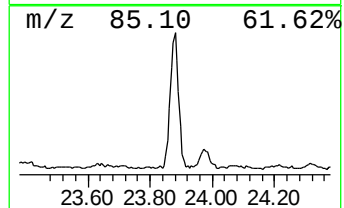
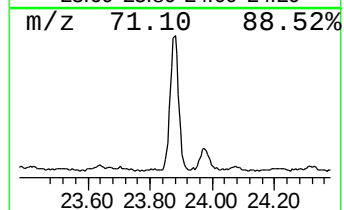
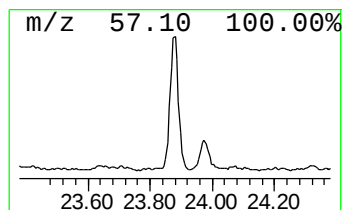
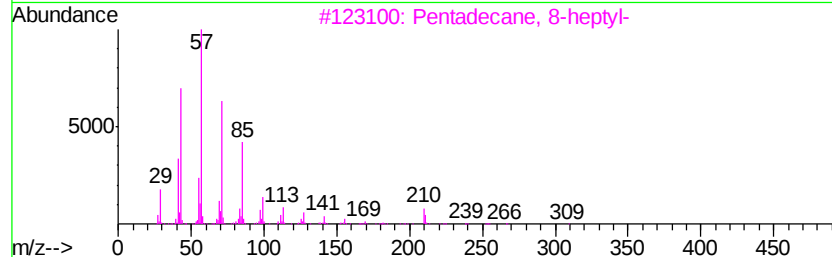
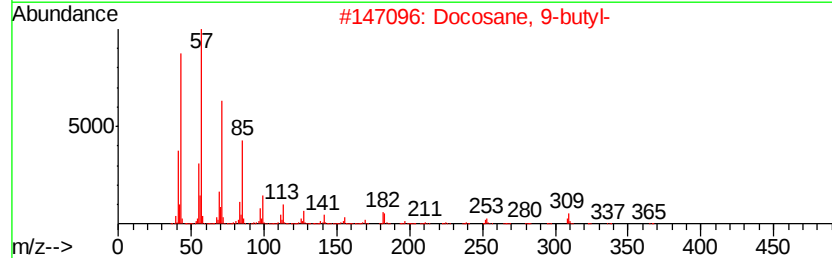
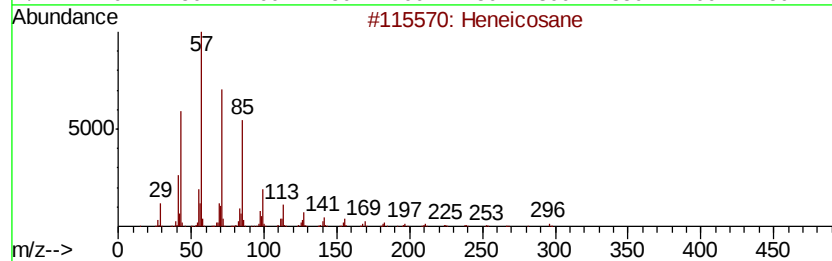
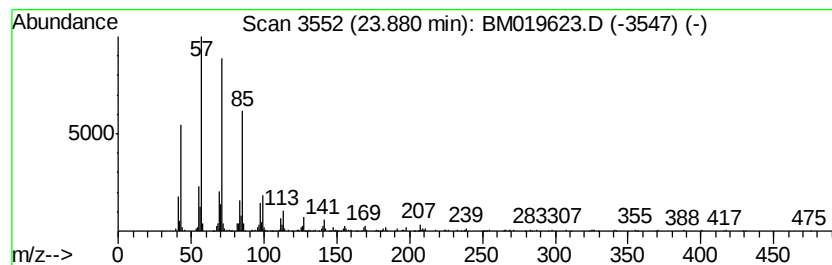
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.81 ng/ul	641450	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		triacontane	422	C30H62	000638-68-6	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019623.D
Acq On : 30 Mar 2019 17:26
Operator : JU/SJ
Sample : K2065-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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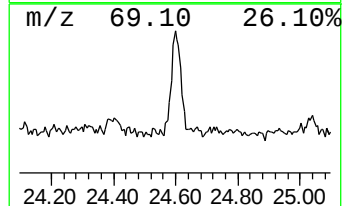
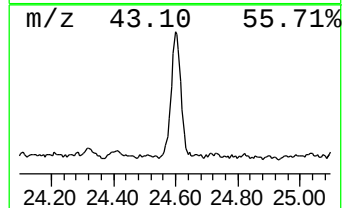
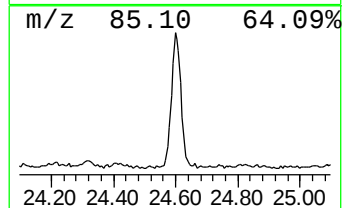
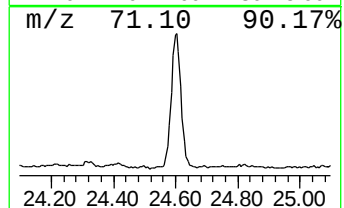
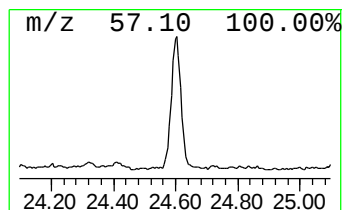
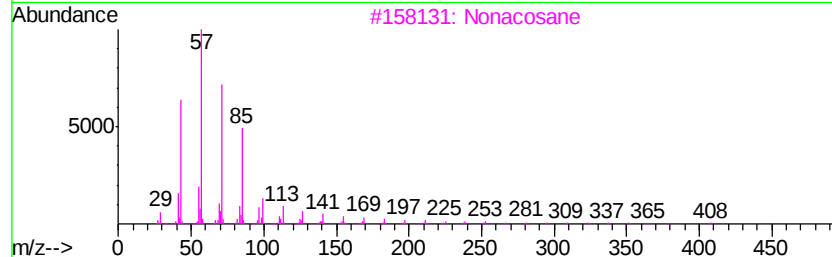
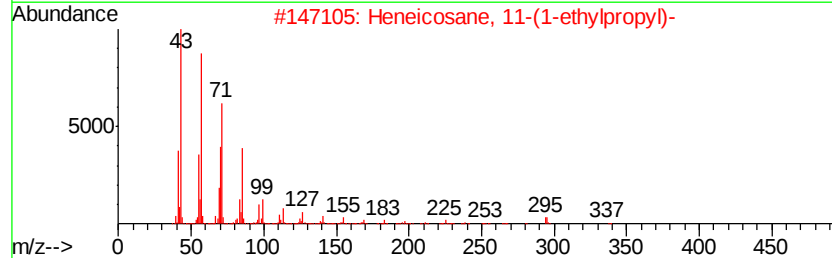
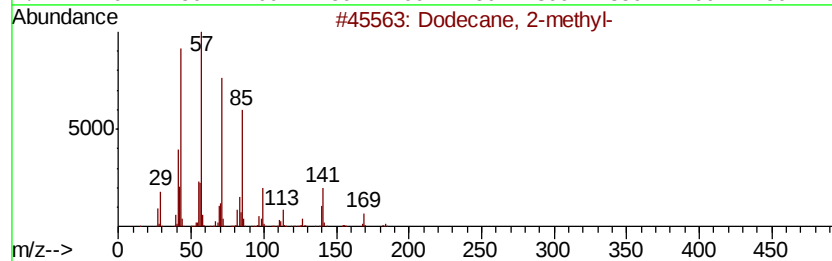
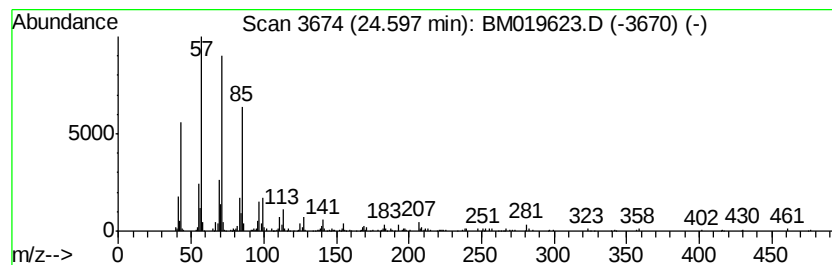
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.40 ng/ul	571564	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Nonacosane	408	C29H60	000630-03-5	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Hexatriacontane	507	C36H74	000630-06-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019623.D
Acq On : 30 Mar 2019 17:26
Operator : JU/SJ
Sample : K2065-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.66	3.9	ng/ul	339181	3	14.23	1756240	20.0
n-Hexadecanoic acid	17.89	3.2	ng/ul	347066	4	16.99	2153170	20.0
(DEL) Alkane: Cyc...	20.90	4.7	ng/ul	746114	5	21.20	3149260	20.0
(DEL) Alkane: Str...	22.21	2.2	ng/ul	345314	5	21.20	3149260	20.0
(DEL) Alkane: Str...	22.70	2.8	ng/ul	476198	6	23.40	3366080	20.0
(DEL) Alkane: Str...	23.88	3.8	ng/ul	641450	6	23.40	3366080	20.0
(DEL) Alkane: Str...	24.60	3.4	ng/ul	571564	6	23.40	3366080	20.0