

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019618.D
 Acq On : 30 Mar 2019 14:23
 Operator : JU/SJ
 Sample : K2065-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5L4

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	3.128	21	24	42	rVB	29017	65386	2.13%	0.223%
2	3.634	106	110	118	rVB5	9447	19769	0.64%	0.067%
3	3.722	121	125	131	rVB3	15248	23378	0.76%	0.080%
4	4.722	291	295	302	rBV2	11244	18315	0.60%	0.062%
5	4.946	331	333	337	rVB4	3344	4220	0.14%	0.014%
6	6.763	635	642	658	rBV	233825	508069	16.56%	1.729%
7	6.928	665	670	689	rBV	195952	399273	13.01%	1.359%
8	7.110	695	701	713	rBV	303243	526062	17.14%	1.790%
9	7.575	773	780	789	rBV	452116	744545	24.26%	2.534%
10	8.292	895	902	922	rBV2	258514	525179	17.11%	1.787%
11	8.745	973	979	991	rBV	253292	488347	15.91%	1.662%
12	9.069	1030	1034	1040	rVB3	4533	8153	0.27%	0.028%
13	9.463	1094	1101	1114	rBV	214590	408553	13.31%	1.390%
14	9.992	1185	1191	1210	rBV	263553	593785	19.35%	2.021%
15	10.357	1245	1253	1264	rBV	661676	1145791	37.34%	3.899%
16	10.528	1275	1282	1310	rBV	203764	568330	18.52%	1.934%
17	11.980	1524	1529	1536	rBV3	3537	7234	0.24%	0.025%
18	13.657	1808	1814	1819	rBV	708472	1004095	32.72%	3.417%
19	13.704	1819	1822	1832	rVB	103156	160301	5.22%	0.545%
20	13.927	1853	1860	1872	rBV	767216	1151036	37.51%	3.917%
21	14.233	1906	1912	1923	rBV2	1015477	1519828	49.52%	5.172%
22	14.498	1952	1957	1977	rBV2	82952	293547	9.57%	0.999%
23	14.663	1981	1985	1996	rVB2	46431	78639	2.56%	0.268%
24	15.027	2044	2047	2051	rVB2	3195	4835	0.16%	0.016%
25	15.080	2051	2056	2060	rVB3	5146	7599	0.25%	0.026%
26	15.239	2076	2083	2103	rBV	990048	1540120	50.19%	5.241%
27	15.386	2103	2108	2120	rVV	154928	268904	8.76%	0.915%
28	15.480	2121	2124	2130	rVB3	11022	15211	0.50%	0.052%
29	15.939	2197	2202	2210	rVB4	6453	13187	0.43%	0.045%
30	16.133	2230	2235	2238	rBV3	3065	3707	0.12%	0.013%
31	16.404	2277	2281	2287	rBV4	8069	16743	0.55%	0.057%
32	16.545	2296	2305	2311	rBV3	14642	25976	0.85%	0.088%
33	16.745	2335	2339	2341	rBV	3902	4621	0.15%	0.016%
34	16.780	2341	2345	2350	rVB2	8251	12497	0.41%	0.043%

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35	16.992	2375	2381	2392	rBV	1350129	1852973	60.38%	6.306%
36	17.092	2392	2398	2416	rVV2	1179288	1662686	54.18%	5.658%
37	17.274	2427	2429	2433	rVB2	2952	3630	0.12%	0.012%
38	17.386	2443	2448	2454	rBV6	3814	7548	0.25%	0.026%
39	17.474	2460	2463	2467	rBV4	5591	7112	0.23%	0.024%
40	17.598	2480	2484	2487	rBV3	4380	6315	0.21%	0.021%
41	17.757	2508	2511	2512	rBV	4385	3832	0.12%	0.013%
42	17.886	2528	2533	2545	rBV	114531	192407	6.27%	0.655%
43	17.968	2545	2547	2550	rVB4	4306	4338	0.14%	0.015%
44	18.168	2578	2581	2585	rVB6	4459	6348	0.21%	0.022%
45	18.221	2588	2590	2593	rVB3	3153	3804	0.12%	0.013%
46	18.351	2609	2612	2613	rBV2	4420	4260	0.14%	0.014%
47	18.433	2622	2626	2631	rBV7	4959	8310	0.27%	0.028%
48	18.756	2676	2681	2685	rVV6	5821	11692	0.38%	0.040%
49	18.815	2689	2691	2694	rVB4	7470	5973	0.19%	0.020%
50	19.039	2725	2729	2732	rBV2	16357	23723	0.77%	0.081%
51	19.180	2749	2753	2759	rBV3	42697	70991	2.31%	0.242%
52	19.286	2769	2771	2774	rVB3	9592	11118	0.36%	0.038%
53	19.404	2785	2791	2800	rBV	1463469	2017977	65.76%	6.867%
54	19.739	2845	2848	2851	rBV4	17488	20271	0.66%	0.069%
55	19.774	2851	2854	2858	rVV2	29008	32889	1.07%	0.112%
56	20.715	3012	3014	3017	rBV3	31562	29815	0.97%	0.101%
57	20.750	3017	3020	3023	rVB2	61109	58835	1.92%	0.200%
58	20.903	3041	3046	3054	rBV	431904	554150	18.06%	1.886%
59	21.198	3091	3096	3109	rBV	2039955	2723195	88.74%	9.267%
60	21.339	3117	3120	3126	rVB2	68792	80367	2.62%	0.273%
61	21.762	3189	3192	3195	rBV	141872	155127	5.05%	0.528%
62	22.215	3265	3269	3275	rVB	217351	275141	8.97%	0.936%
63	22.703	3349	3352	3357	rVB	277620	357091	11.64%	1.215%
64	23.262	3441	3447	3456	rBV	1643750	2958298	96.40%	10.067%
65	23.403	3465	3471	3487	rVB2	1652923	3068820	100.00%	10.443%
66	23.880	3547	3552	3559	rVB	300631	517917	16.88%	1.762%
67	24.603	3670	3675	3684	rVB	230286	474253	15.45%	1.614%

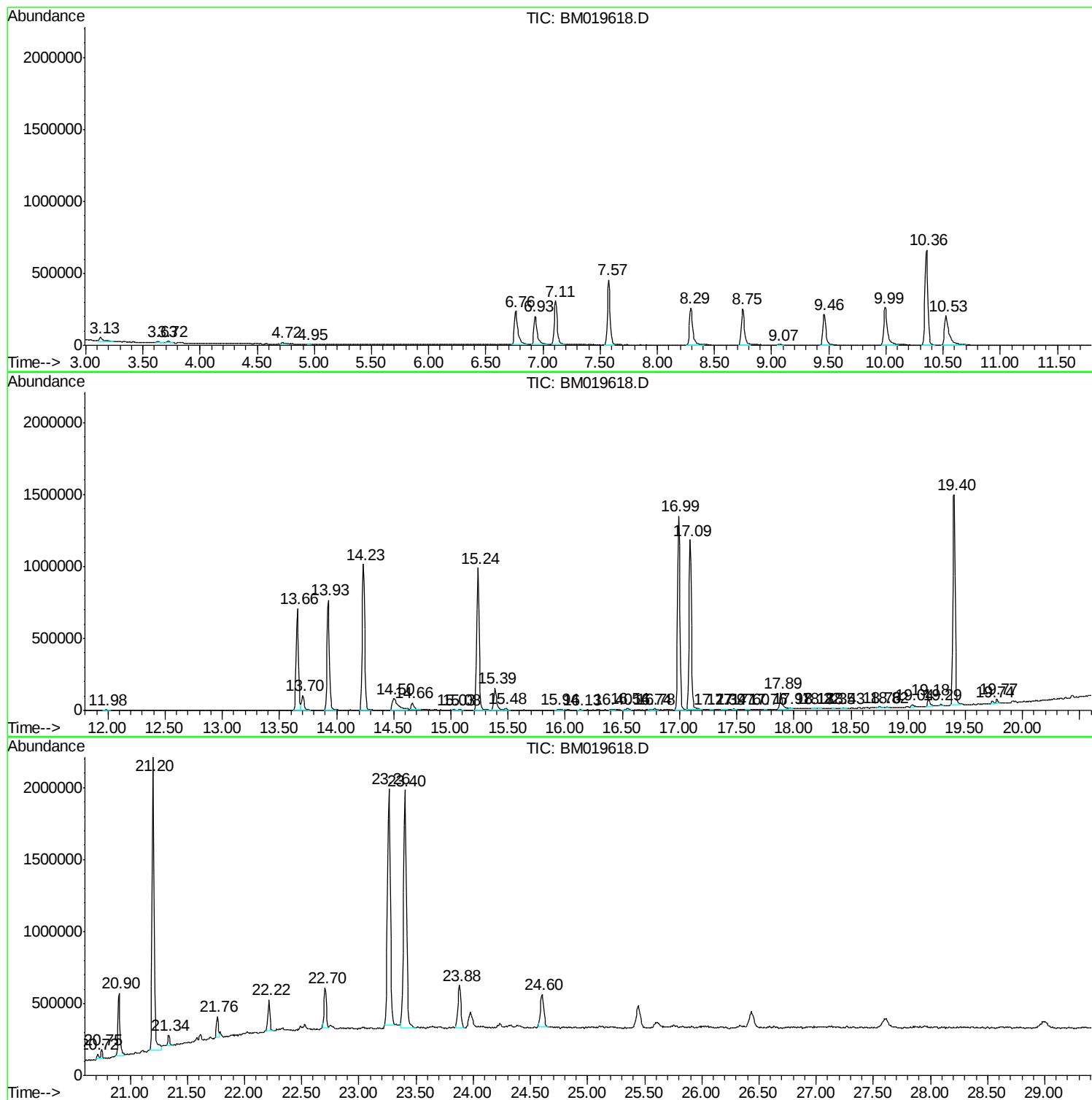
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Quant Title : SVOA CALIBRATION

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



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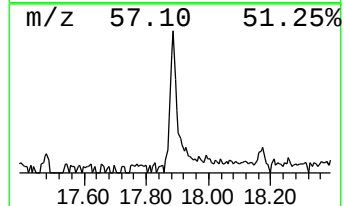
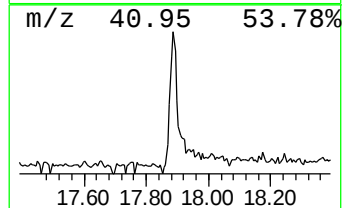
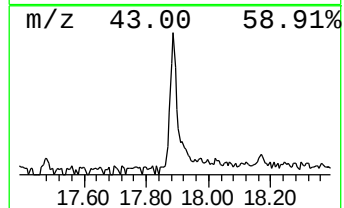
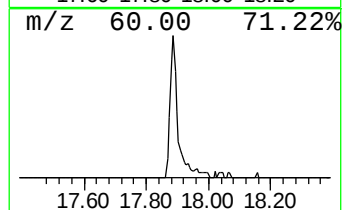
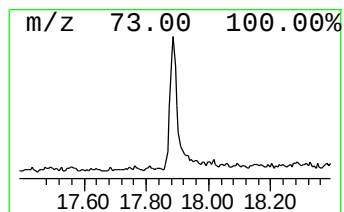
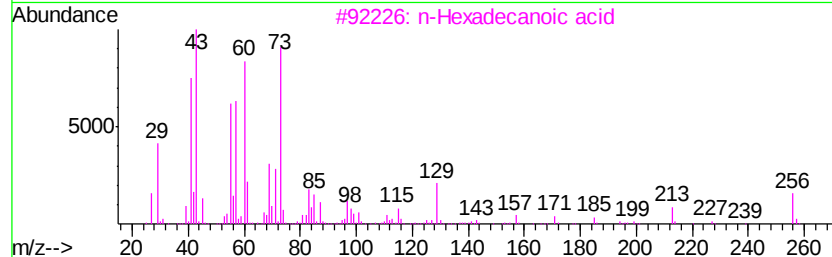
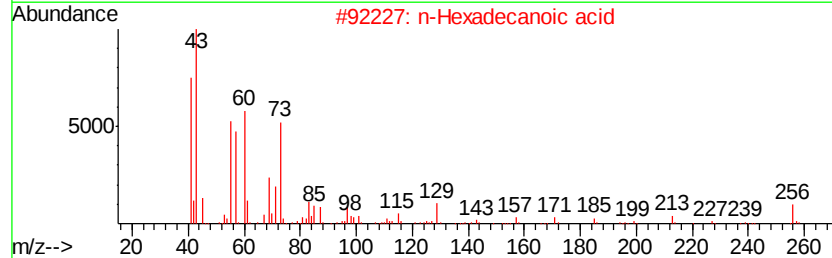
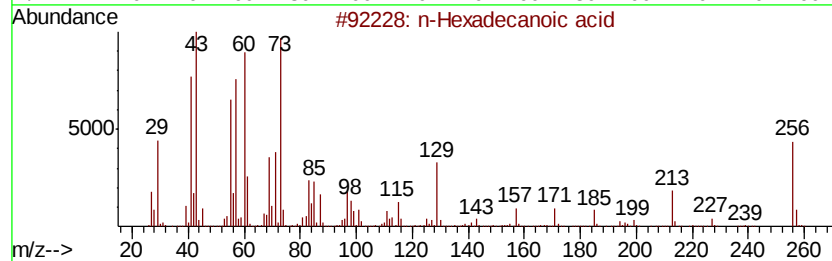
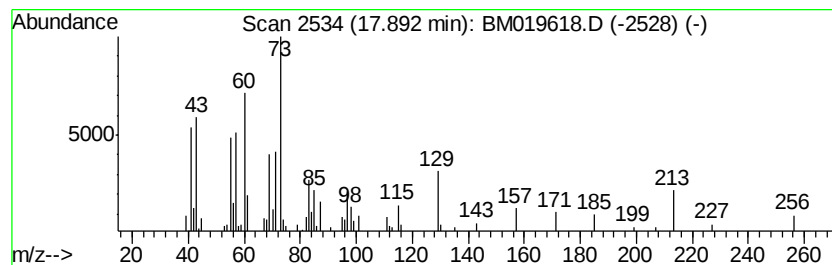
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.08 ng/ul	192407	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59	



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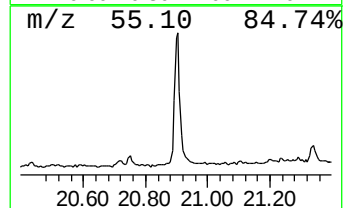
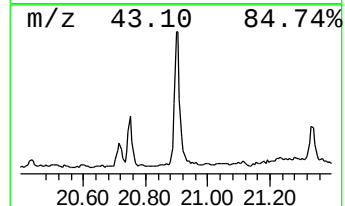
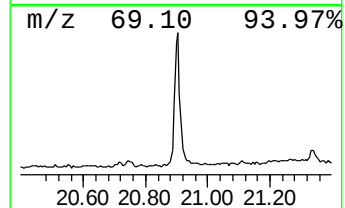
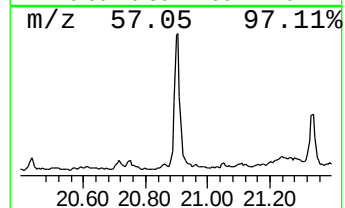
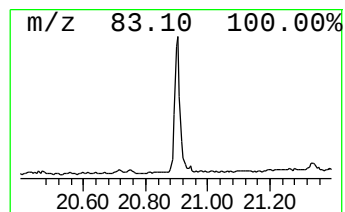
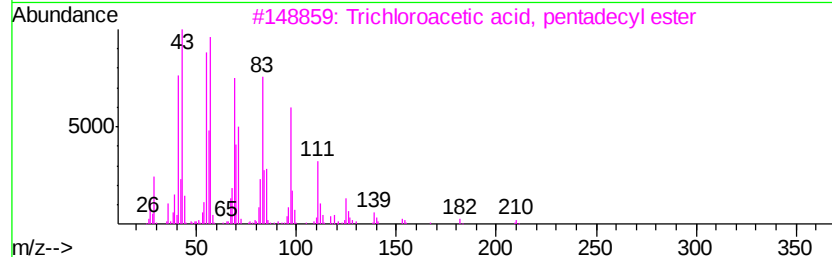
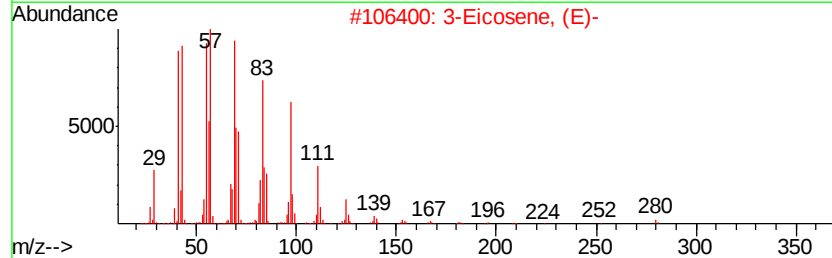
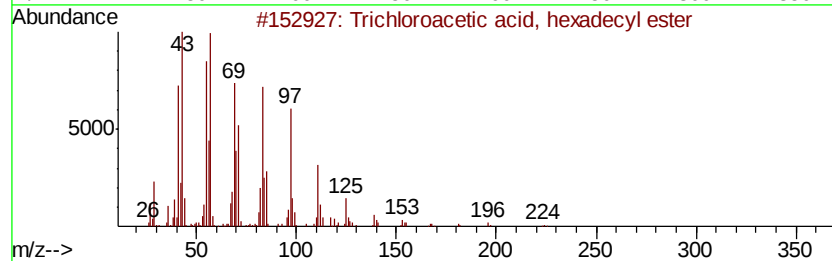
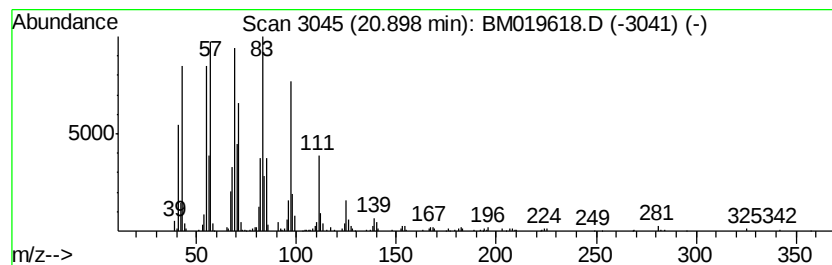
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.90	4.07 ng/ul	554150	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91



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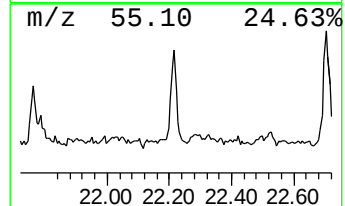
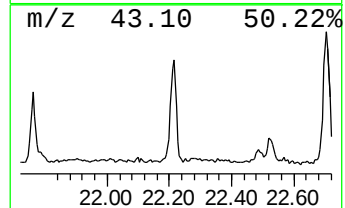
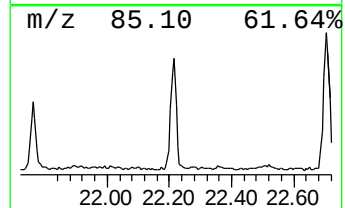
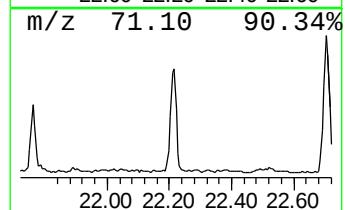
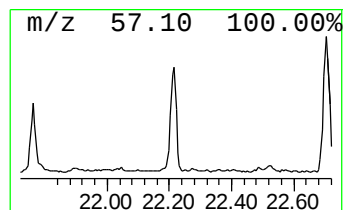
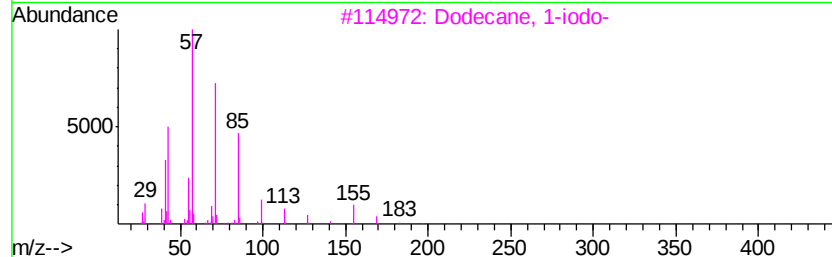
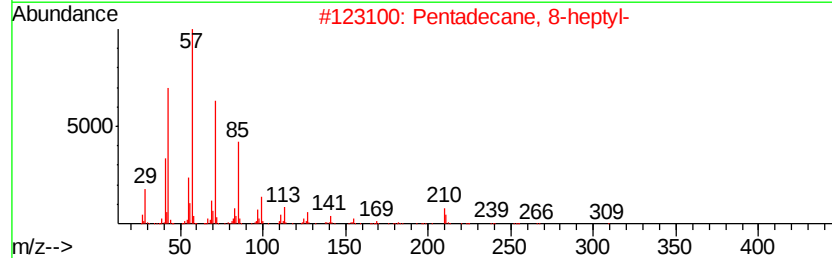
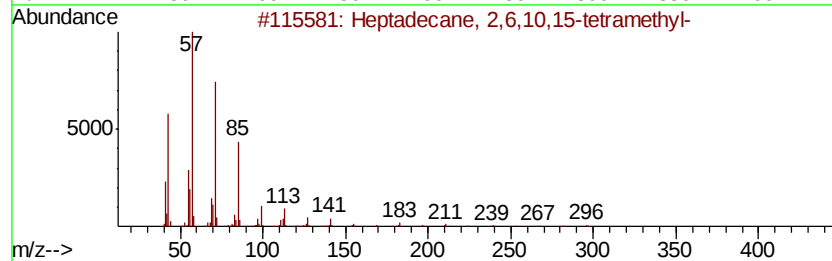
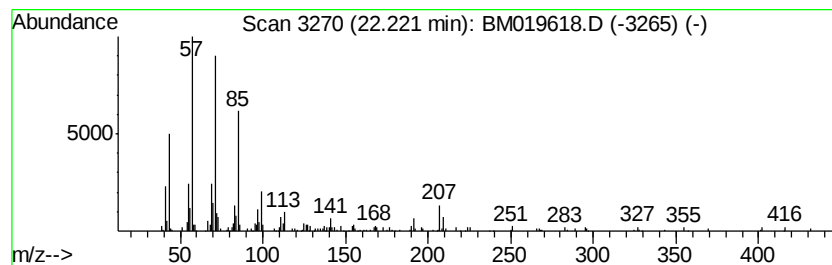
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.02 ng/ul	275141	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	83
5		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80



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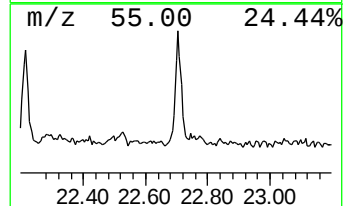
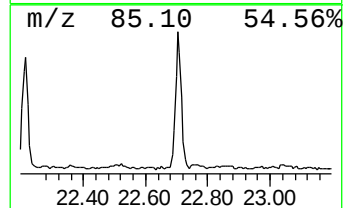
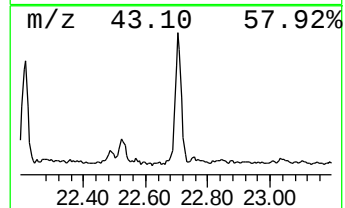
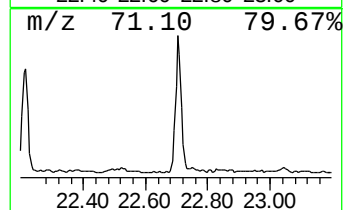
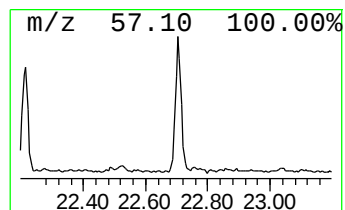
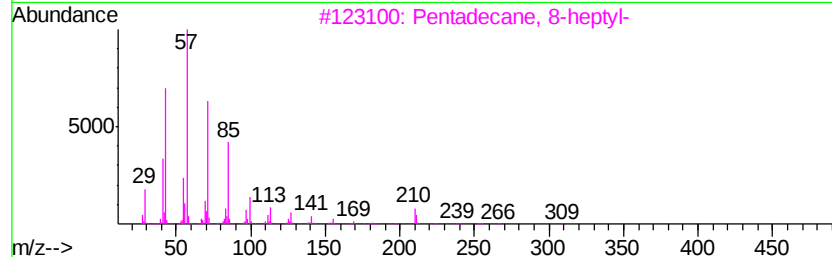
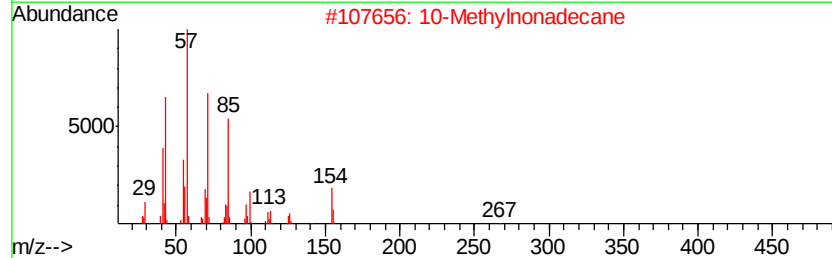
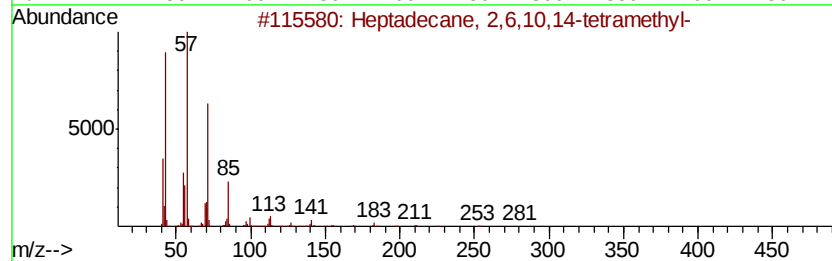
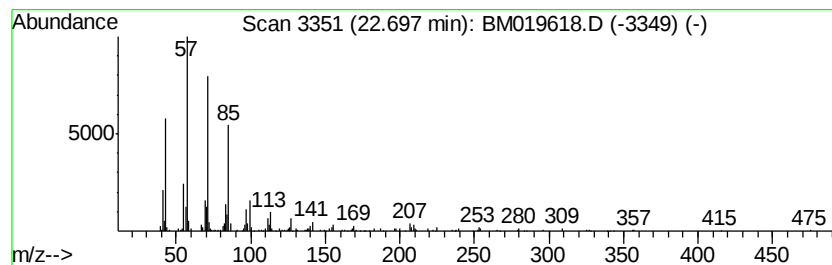
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 Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.33 ng/ul	357091	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	87
2		10-Methylnonadecane	282	C20H42	056862-62-5	86
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4		Hexadecane	226	C16H34	000544-76-3	83
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	81



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Instrument :
BNA_M
ClientSampleId :
BF5L4

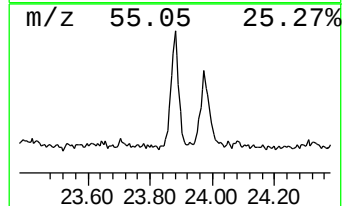
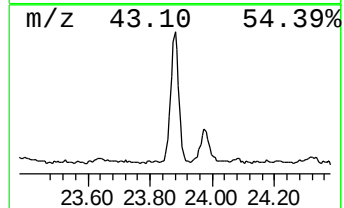
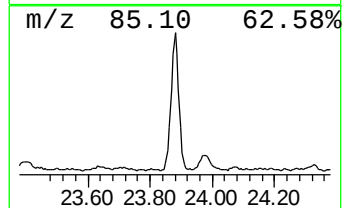
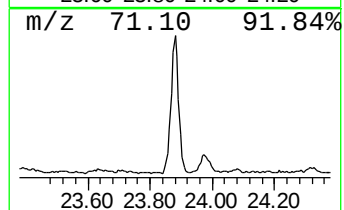
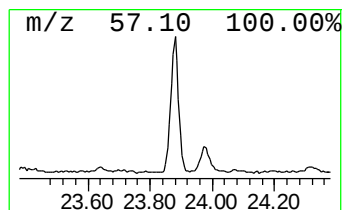
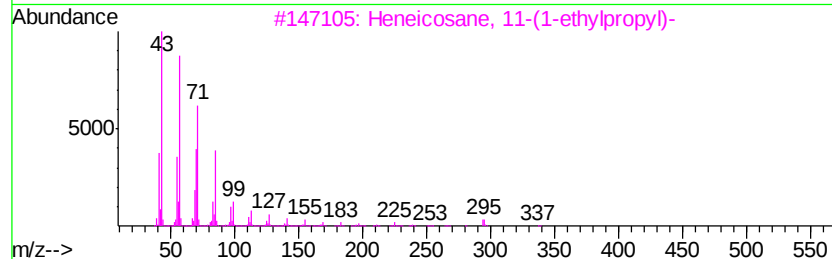
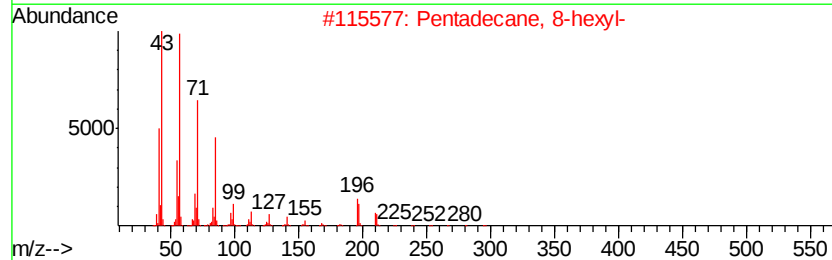
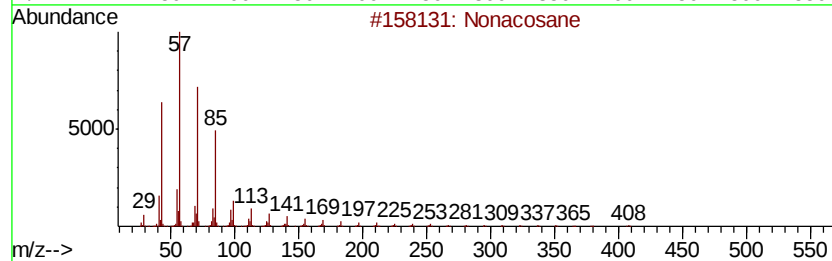
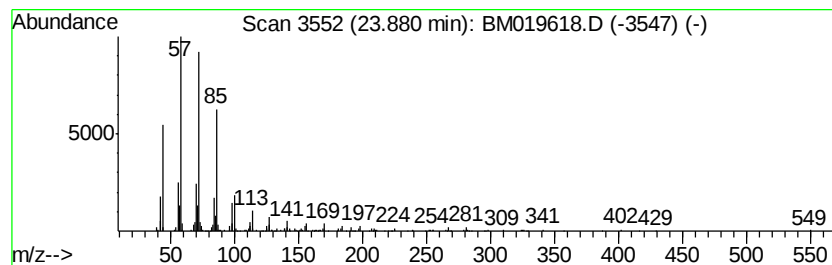
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.38 ng/ul	517917	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019618.D
Acq On : 30 Mar 2019 14:23
Operator : JU/SJ
Sample : K2065-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5L4

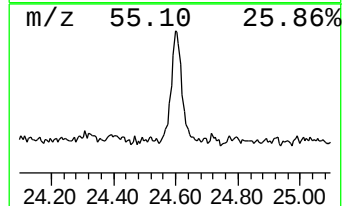
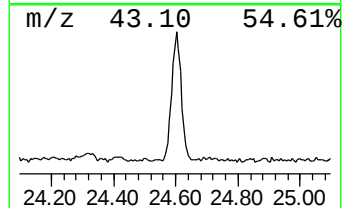
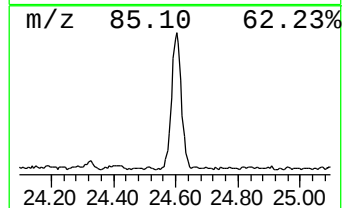
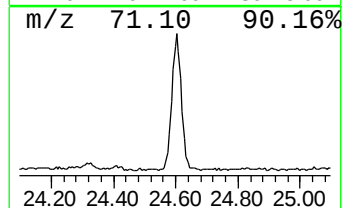
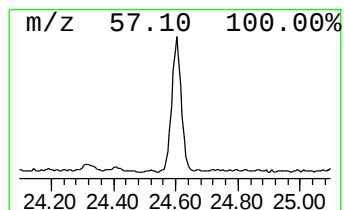
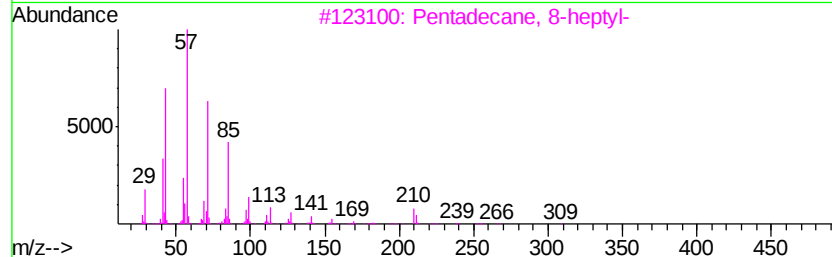
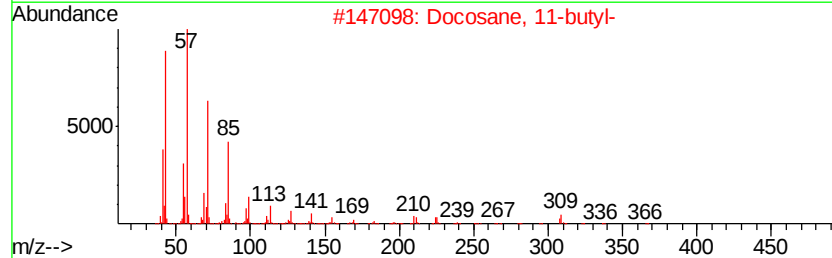
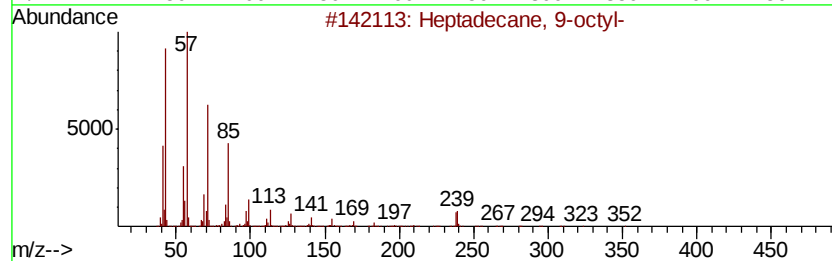
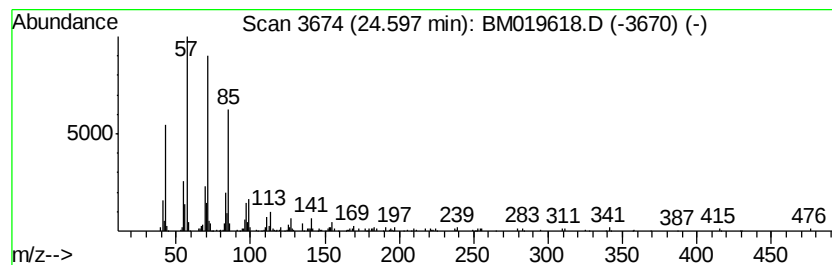
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.09 ng/ul	474253	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Docosane, 7-butyl-	366	C26H54	055282-15-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019618.D
Acq On : 30 Mar 2019 14:23
Operator : JU/SJ
Sample : K2065-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5L4

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	17.89	2.1	ng/ul	192407	4	16.99	1852970	20.0
Trichloroacetic a...	20.90	4.1	ng/ul	554150	5	21.20	2723200	20.0
(DEL) Alkane: Str...	22.22	2.0	ng/ul	275141	5	21.20	2723200	20.0
(DEL) Alkane: Str...	22.70	2.3	ng/ul	357091	6	23.40	3068820	20.0
(DEL) Alkane: Str...	23.88	3.4	ng/ul	517917	6	23.40	3068820	20.0
(DEL) Alkane: Str...	24.60	3.1	ng/ul	474253	6	23.40	3068820	20.0