

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019717.D
 Acq On : 03 Apr 2019 06:55
 Operator : JU/SJ
 Sample : K2168-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF640

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	19	23	28	rBV	32657	47678	1.22%	0.110%
2	3.810	137	140	145	rVB5	5632	8062	0.21%	0.019%
3	4.193	200	205	209	rBV6	3377	6282	0.16%	0.015%
4	4.716	290	294	299	rBV2	6296	9879	0.25%	0.023%
5	4.763	299	302	308	rVB5	4946	7637	0.20%	0.018%
6	6.751	634	640	658	rBV	366600	767568	19.65%	1.778%
7	6.922	663	669	685	rBV	339171	612151	15.67%	1.418%
8	7.104	693	700	714	rBV	442116	778071	19.92%	1.802%
9	7.563	772	778	788	rBV	561242	944684	24.18%	2.188%
10	8.281	894	900	919	rBV	515389	976081	24.99%	2.261%
11	8.410	919	922	929	rVB4	5470	10935	0.28%	0.025%
12	8.739	971	978	993	rBV	423367	784316	20.08%	1.817%
13	9.063	1028	1033	1039	rVB2	9218	13510	0.35%	0.031%
14	9.451	1093	1099	1116	rBV	376186	679498	17.39%	1.574%
15	9.980	1183	1189	1212	rBV	474960	979878	25.08%	2.270%
16	10.345	1244	1251	1265	rBV	933991	1521420	38.95%	3.524%
17	10.516	1273	1280	1306	rBV	411087	992954	25.42%	2.300%
18	11.974	1521	1528	1538	rBV3	4745	11493	0.29%	0.027%
19	12.951	1689	1694	1699	rVB3	11257	15701	0.40%	0.036%
20	13.516	1787	1790	1796	rBV3	12230	16864	0.43%	0.039%
21	13.651	1807	1813	1818	rBV	1184858	1726384	44.19%	3.999%
22	13.698	1818	1821	1838	rVB	253989	373279	9.56%	0.865%
23	13.816	1838	1841	1848	rVB4	6568	8559	0.22%	0.020%
24	13.921	1852	1859	1876	rBV	1335825	1947616	49.86%	4.512%
25	14.227	1905	1911	1922	rBV2	1431422	2164943	55.42%	5.015%
26	14.304	1922	1924	1928	rVB2	5184	4723	0.12%	0.011%
27	14.486	1949	1955	1982	rBV	194590	652646	16.71%	1.512%
28	14.668	1983	1986	1994	rVB4	6973	14539	0.37%	0.034%
29	15.021	2041	2046	2051	rBV	13709	18575	0.48%	0.043%
30	15.068	2051	2054	2058	rVB3	6032	7370	0.19%	0.017%
31	15.233	2075	2082	2101	rBV	1656638	2510316	64.26%	5.815%
32	15.380	2102	2107	2119	rVV	502980	785758	20.11%	1.820%
33	15.474	2119	2123	2128	rVB3	22858	35440	0.91%	0.082%
34	15.686	2156	2159	2164	rVB2	3235	4251	0.11%	0.010%

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35	15.933	2198	2201	2207	rBV6	7819	13089	0.34%	0.030%
36	16.015	2212	2215	2220	rVB5	6595	9772	0.25%	0.023%
37	16.398	2278	2280	2286	rBV3	5040	8947	0.23%	0.021%
38	16.733	2332	2337	2341	rBV5	4313	7147	0.18%	0.017%
39	16.780	2341	2345	2351	rVB2	7830	12612	0.32%	0.029%
40	16.898	2361	2365	2370	rBV3	7493	13154	0.34%	0.030%
41	16.992	2374	2381	2391	rVV2	1868268	2628289	67.28%	6.088%
42	17.086	2391	2397	2410	rVV2	1848842	2693198	68.94%	6.239%
43	17.262	2424	2427	2429	rBV4	3631	4711	0.12%	0.011%
44	17.380	2441	2447	2453	rVV8	9974	18840	0.48%	0.044%
45	17.468	2458	2462	2467	rVB3	5702	10069	0.26%	0.023%
46	17.656	2489	2494	2497	rBV5	3202	6640	0.17%	0.015%
47	17.762	2505	2512	2515	rBV5	34159	56736	1.45%	0.131%
48	17.815	2519	2521	2525	rVB3	11695	16133	0.41%	0.037%
49	17.880	2527	2532	2545	rBV	365693	579408	14.83%	1.342%
50	18.162	2577	2580	2586	rVB6	9942	14914	0.38%	0.035%
51	18.303	2601	2604	2608	rVB4	6664	7051	0.18%	0.016%
52	18.492	2633	2636	2641	rBV5	9144	14702	0.38%	0.034%
53	18.680	2667	2668	2672	rBV4	4464	4895	0.13%	0.011%
54	18.750	2677	2680	2686	rVB7	11996	18005	0.46%	0.042%
55	18.803	2686	2689	2693	rBV4	11745	15515	0.40%	0.036%
56	18.962	2713	2716	2719	rBV5	5033	7081	0.18%	0.016%
57	19.033	2723	2728	2731	rBV3	32244	55826	1.43%	0.129%
58	19.174	2747	2752	2763	rBV	107296	194731	4.98%	0.451%
59	19.286	2768	2771	2774	rVV2	17120	18485	0.47%	0.043%
60	19.398	2784	2790	2796	rBV	2334728	3094886	79.22%	7.169%
61	19.927	2874	2880	2885	rBV4	34677	63530	1.63%	0.147%
62	20.427	2962	2965	2969	rBV2	51393	57550	1.47%	0.133%
63	20.897	3041	3045	3058	rBV	697423	923201	23.63%	2.139%
64	21.197	3091	3096	3107	rBV	2737704	3450971	88.34%	7.994%
65	21.333	3116	3119	3129	rBV	128747	163157	4.18%	0.378%
66	21.756	3187	3191	3194	rBV	203104	232356	5.95%	0.538%
67	22.209	3264	3268	3278	rVB	261053	358242	9.17%	0.830%
68	22.697	3347	3351	3358	rVB	351300	484202	12.39%	1.122%
69	23.262	3440	3447	3456	rVB	2025122	3906518	100.00%	9.049%
70	23.403	3464	3471	3481	rVB	1905286	3503861	89.69%	8.117%
71	23.868	3546	3550	3557	rVB	333789	588919	15.08%	1.364%

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72	24.591	3669	3673	3680	rVB	237418	472793	12.10%	1.095%
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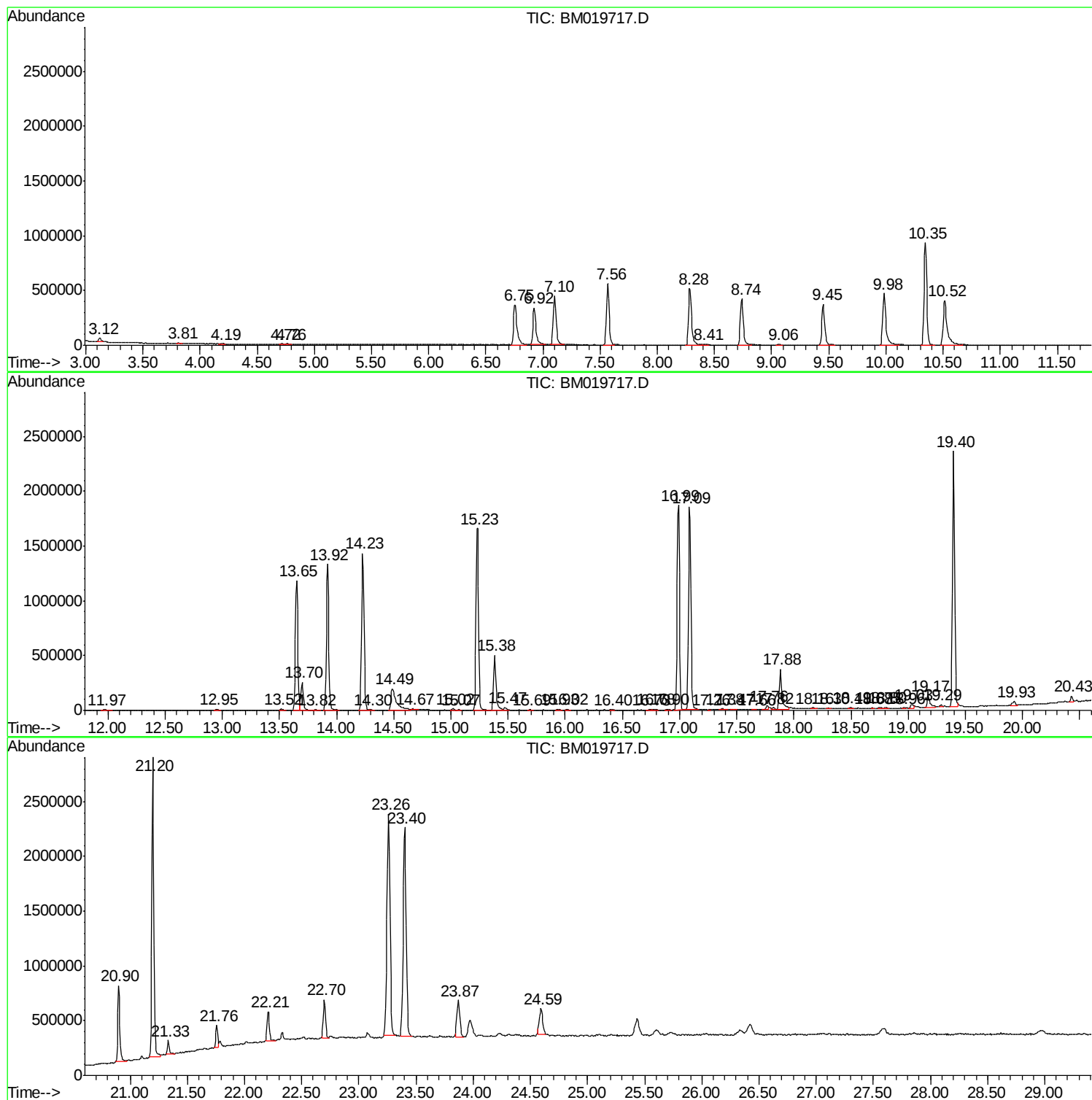
Sum of corrected areas: 43169197

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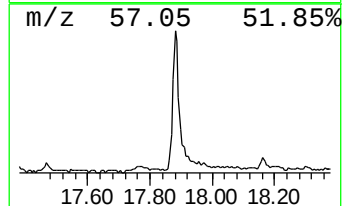
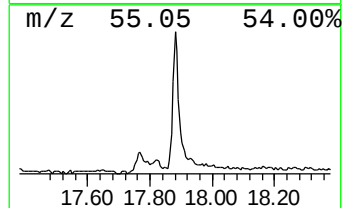
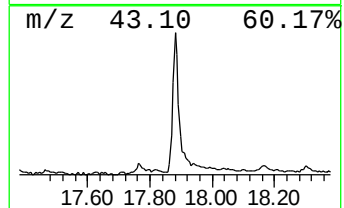
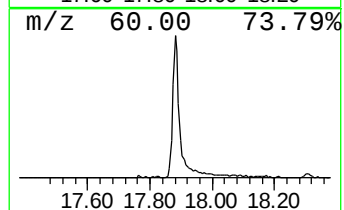
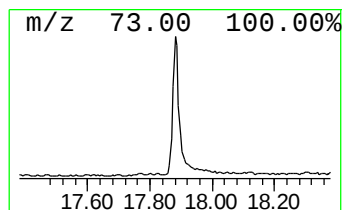
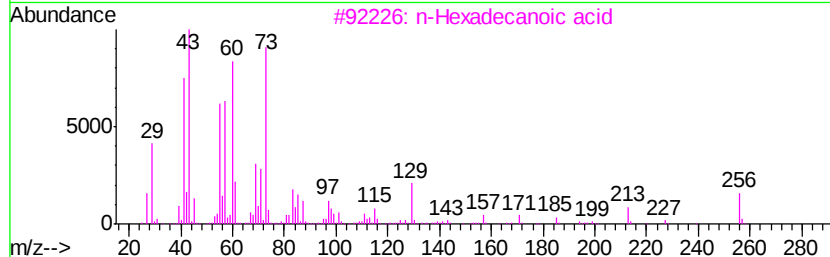
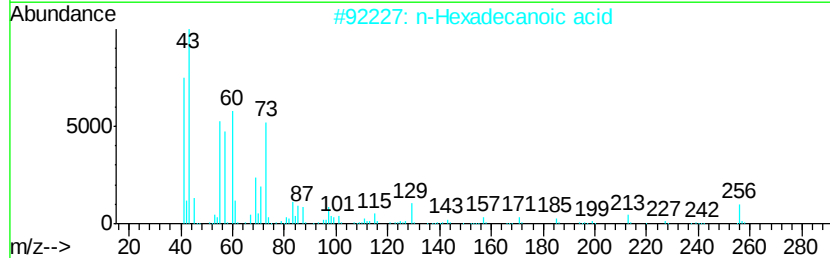
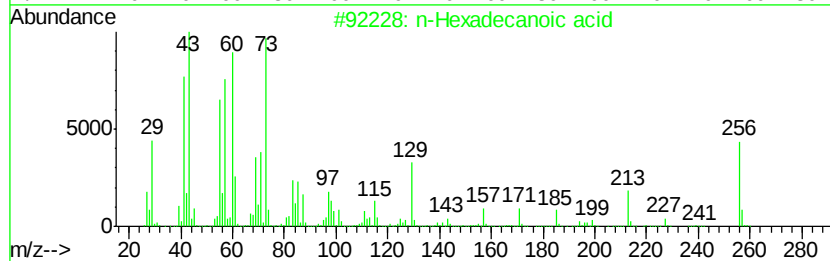
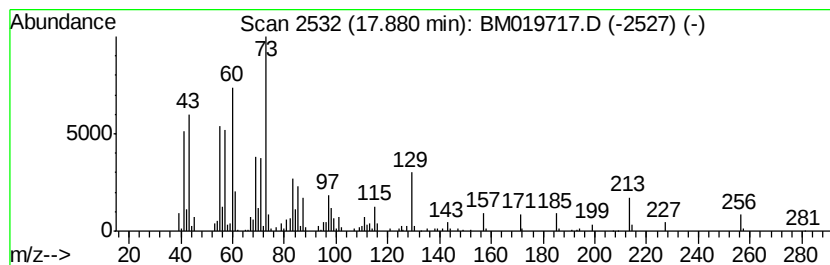
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.88	4.41 ng/ul	579408	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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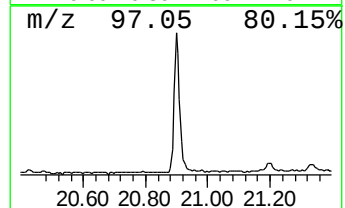
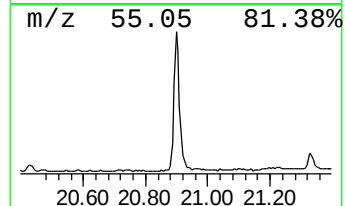
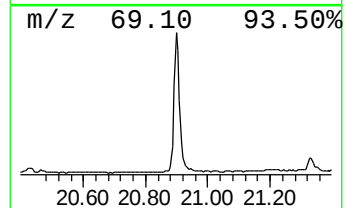
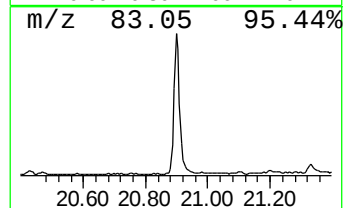
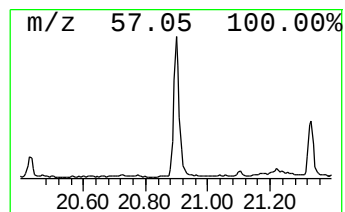
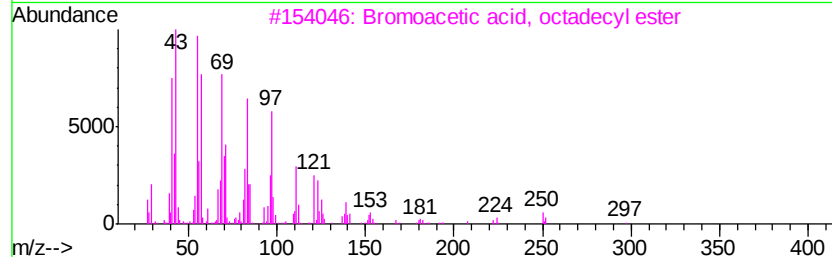
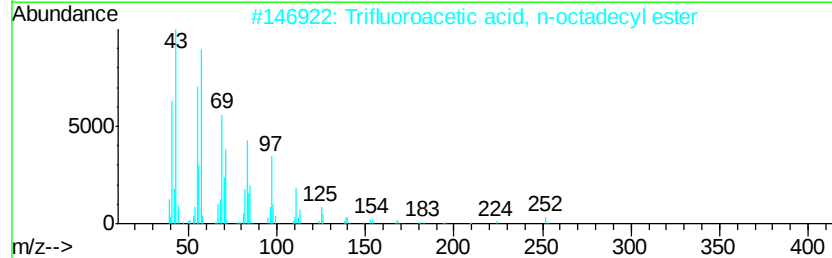
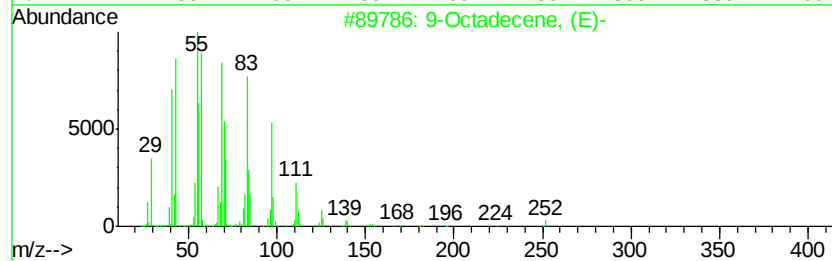
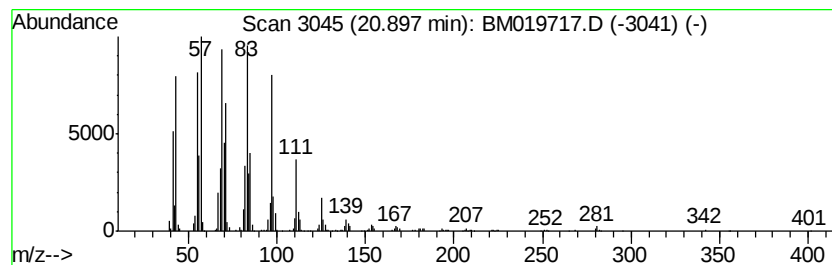
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.35 ng/ul	923201	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Octadecene, (E)-	252 C18H36	007206-25-9	93
2	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	91
3	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	91
4	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	91
5	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91



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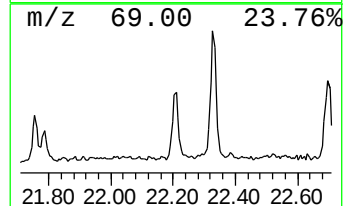
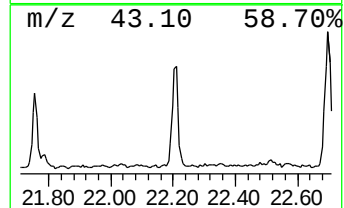
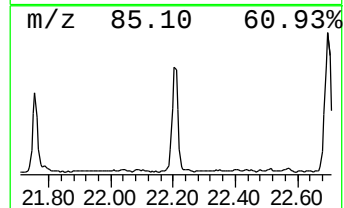
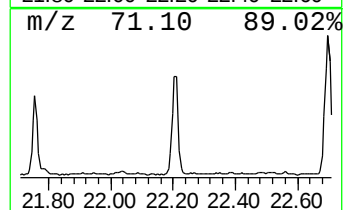
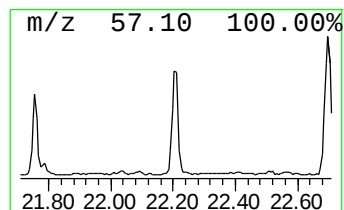
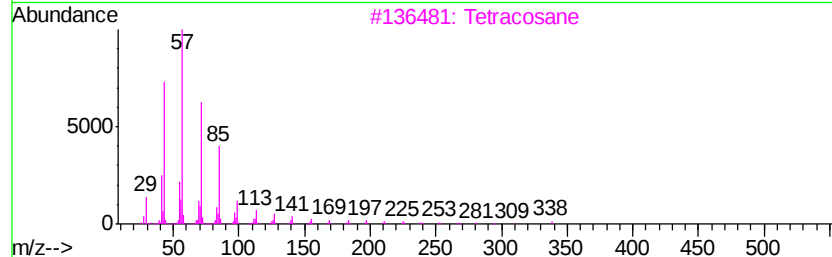
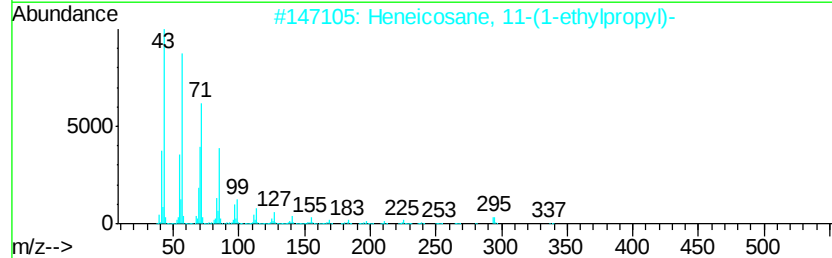
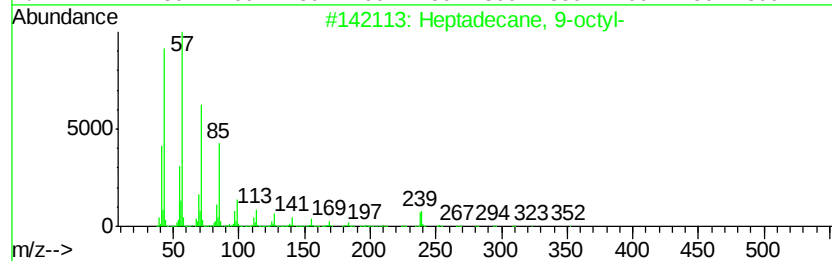
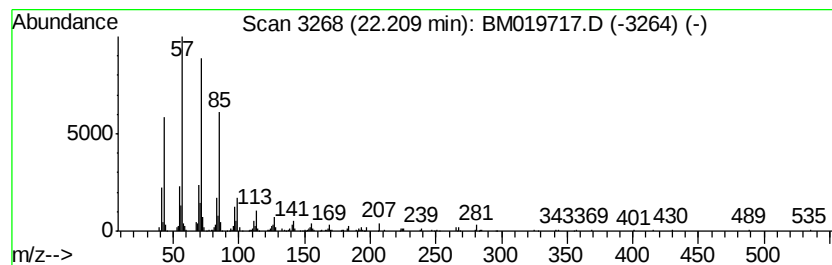
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.08 ng/ul	358242	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5		Hexadecane	226	C16H34	000544-76-3	83



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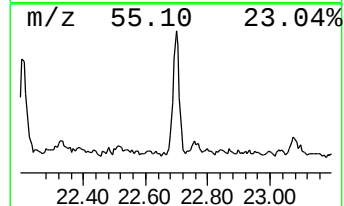
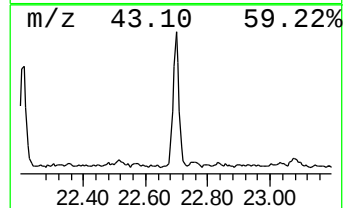
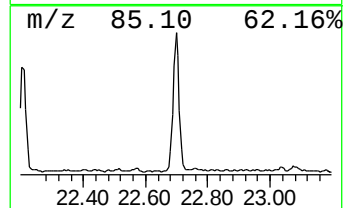
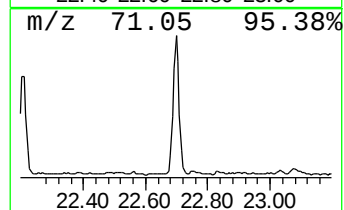
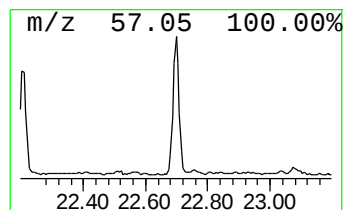
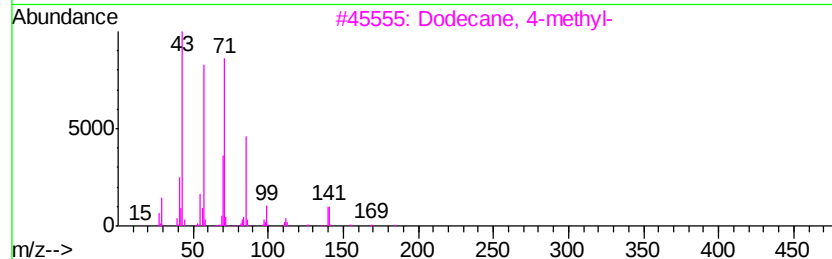
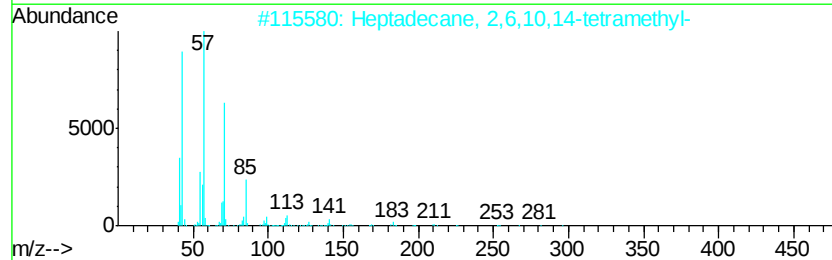
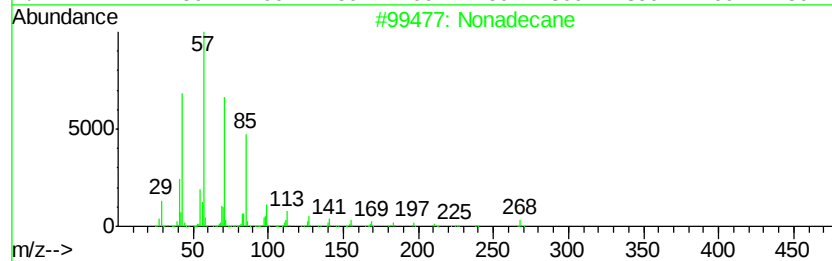
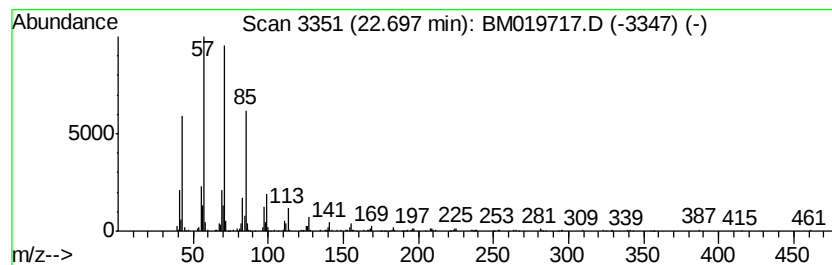
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.76 ng/ul	484202	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	86
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
4		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019717.D
Acq On : 03 Apr 2019 06:55
Operator : JU/SJ
Sample : K2168-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF640

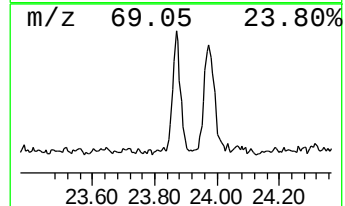
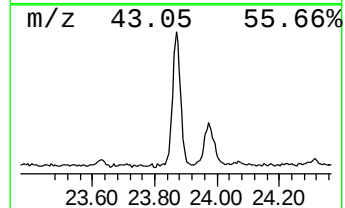
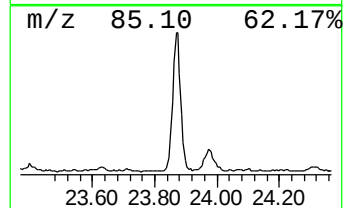
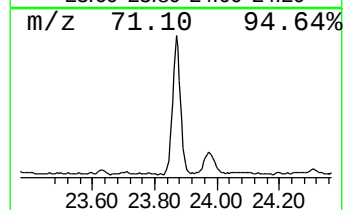
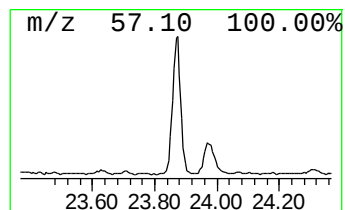
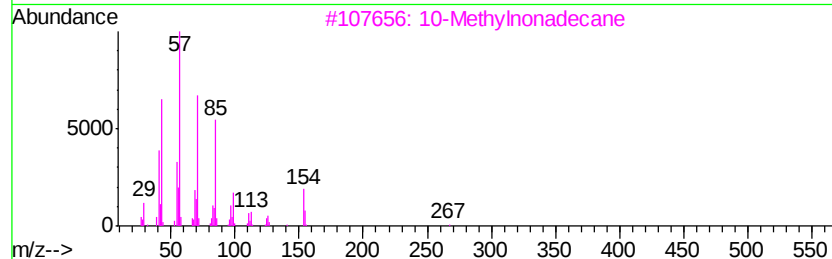
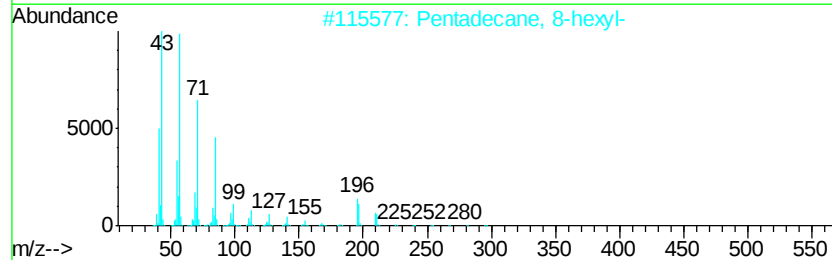
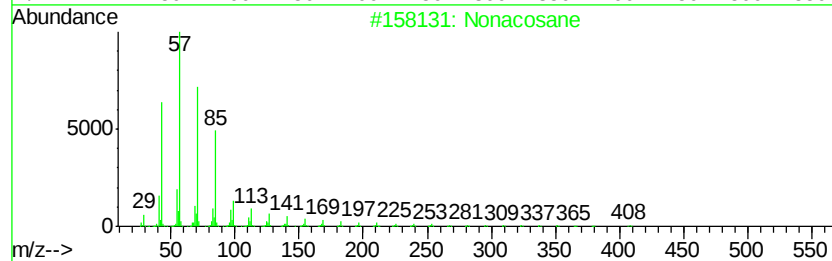
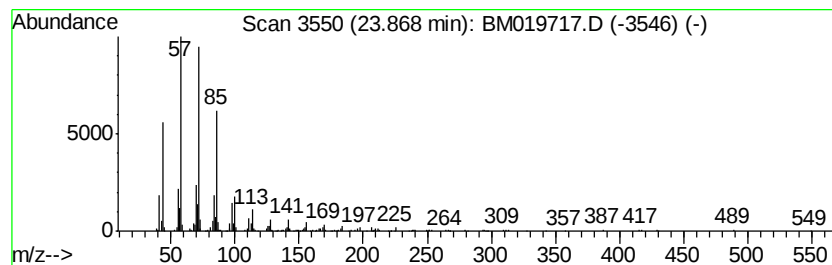
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.36 ng/ul	588919	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane		408	C29H60	000630-03-5	91
2	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	90
3	10-Methylnonadecane		282	C20H42	056862-62-5	90
4	Docosane		310	C22H46	000629-97-0	87
5	Heptadecane		240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019717.D
Acq On : 03 Apr 2019 06:55
Operator : JU/SJ
Sample : K2168-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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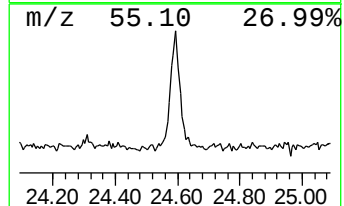
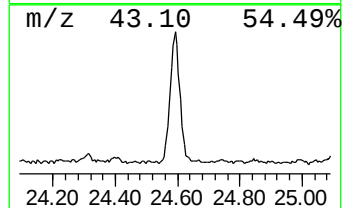
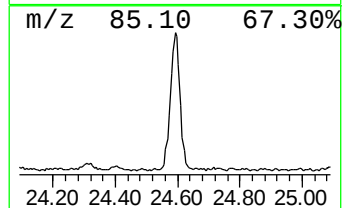
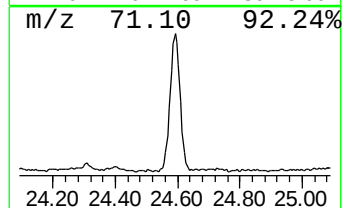
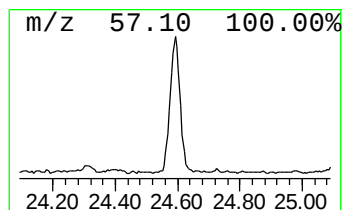
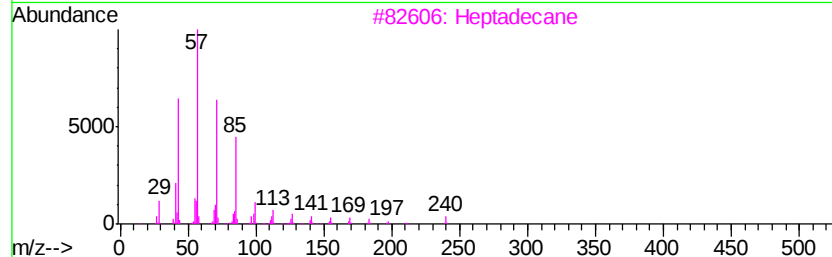
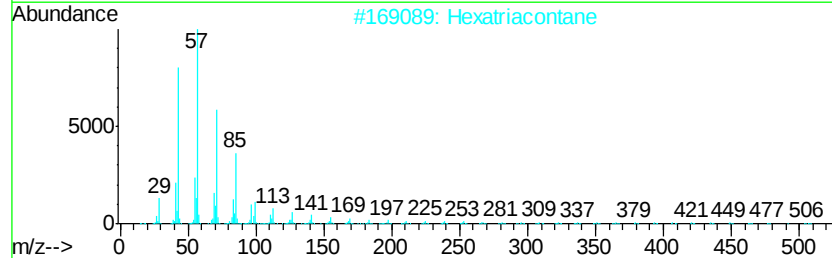
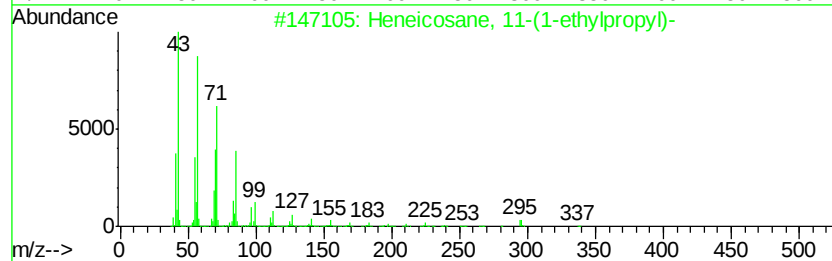
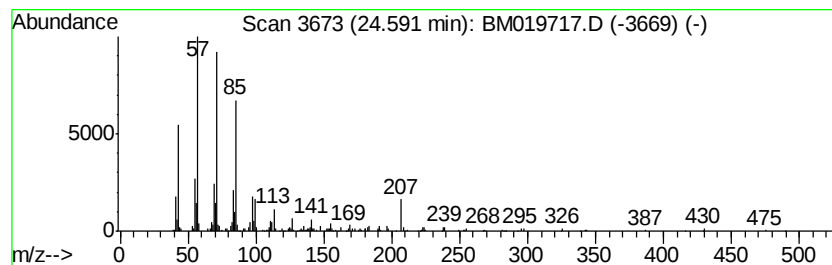
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	2.70 ng/ul	472793	Perylene-d12	23.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
2		Hexatriacontane	507	C36H74	000630-06-8	80
3		Heptadecane	240	C17H36	000629-78-7	72
4		Docosane	310	C22H46	000629-97-0	72
5		Heptacosane	380	C27H56	000593-49-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019717.D
Acq On : 03 Apr 2019 06:55
Operator : JU/SJ
Sample : K2168-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF640

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	17.88	4.4	ng/ul	579408	4	16.99	2628290	20.0
(DEL) Alkane: Cyc...	20.90	5.3	ng/ul	923201	5	21.20	3450970	20.0
(DEL) Alkane: Str...	22.21	2.1	ng/ul	358242	5	21.20	3450970	20.0
(DEL) Alkane: Str...	22.70	2.8	ng/ul	484202	6	23.40	3503860	20.0
(DEL) Alkane: Str...	23.87	3.4	ng/ul	588919	6	23.40	3503860	20.0
(DEL) Alkane: Str...	24.59	2.7	ng/ul	472793	6	23.40	3503860	20.0