

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019650.D
 Acq On : 01 Apr 2019 12:09
 Operator : JU/SJ
 Sample : K2065-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5P7

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	3.123	21	23	29	rBV	25139	38097	1.28%	0.128%
2	3.634	106	110	112	rBV5	5146	6847	0.23%	0.023%
3	3.717	121	124	130	rVB3	13060	21981	0.74%	0.074%
4	3.817	139	141	148	rVB4	5206	6567	0.22%	0.022%
5	4.717	290	294	298	rBV	12865	19317	0.65%	0.065%
6	4.917	323	328	339	rBV	119647	190952	6.43%	0.640%
7	6.758	635	641	657	rBV	234684	504137	16.97%	1.689%
8	6.928	664	670	690	rBV	201231	402575	13.55%	1.349%
9	7.105	694	700	716	rVB	315598	542533	18.26%	1.818%
10	7.458	757	760	764	rVB3	5019	7471	0.25%	0.025%
11	7.569	773	779	794	rBV	451167	788471	26.54%	2.642%
12	7.916	834	838	845	rVB	22189	37277	1.25%	0.125%
13	8.287	896	901	919	rBV	257419	520865	17.53%	1.745%
14	8.422	919	924	928	rVB4	8498	14020	0.47%	0.047%
15	8.746	972	979	991	rBV	258495	494872	16.66%	1.658%
16	8.899	999	1005	1010	rVB4	1809	3388	0.11%	0.011%
17	9.063	1029	1033	1039	rBV2	10091	13952	0.47%	0.047%
18	9.457	1094	1100	1111	rBV	217037	414325	13.95%	1.388%
19	9.987	1184	1190	1206	rBV	286589	611548	20.58%	2.049%
20	10.216	1225	1229	1235	rVB2	13580	22311	0.75%	0.075%
21	10.351	1244	1252	1266	rBV	648289	1119458	37.68%	3.751%
22	10.522	1273	1281	1300	rBV	209493	541354	18.22%	1.814%
23	10.734	1314	1317	1321	rVB3	2973	4341	0.15%	0.015%
24	11.969	1523	1527	1532	rBV4	2801	5511	0.19%	0.018%
25	13.651	1807	1813	1818	rBV	683266	971924	32.71%	3.257%
26	13.698	1818	1821	1831	rVV	107913	172387	5.80%	0.578%
27	13.922	1853	1859	1875	rBV	809846	1195165	40.23%	4.005%
28	14.228	1905	1911	1928	rBV2	981166	1505128	50.66%	5.043%
29	14.498	1951	1957	1972	rBV2	86872	284158	9.56%	0.952%
30	15.016	2039	2045	2046	rBV2	3741	6480	0.22%	0.022%
31	15.075	2051	2055	2058	rVB2	3852	4102	0.14%	0.014%
32	15.233	2074	2082	2092	rBV	1078390	1553766	52.30%	5.206%
33	15.304	2092	2094	2097	rVB3	4481	4659	0.16%	0.016%
34	15.381	2103	2107	2120	rBV	163216	274604	9.24%	0.920%

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35	15.469	2120	2122	2128	rVB2	11297	16534	0.56%	0.055%
36	15.933	2198	2201	2205	rBV3	4111	7044	0.24%	0.024%
37	16.022	2212	2216	2221	rVB3	3710	4203	0.14%	0.014%
38	16.104	2225	2230	2232	rBV3	3811	5144	0.17%	0.017%
39	16.133	2232	2235	2238	rVB3	2773	3175	0.11%	0.011%
40	16.404	2277	2281	2285	rVB2	3000	4278	0.14%	0.014%
41	16.545	2301	2305	2308	rBV3	4416	5451	0.18%	0.018%
42	16.733	2334	2337	2339	rBV2	4434	4004	0.13%	0.013%
43	16.780	2342	2345	2349	rVB2	4221	5506	0.19%	0.018%
44	16.886	2360	2363	2371	rBV6	13490	22417	0.75%	0.075%
45	16.992	2371	2381	2387	rBV2	1323362	1857353	62.52%	6.224%
46	17.086	2392	2397	2408	rVV2	1137148	1714225	57.70%	5.744%
47	17.275	2425	2429	2433	rBB6	3441	3128	0.11%	0.010%
48	17.363	2443	2444	2446	rBV2	3757	3241	0.11%	0.011%
49	17.480	2460	2464	2465	rVV4	3714	3902	0.13%	0.013%
50	17.551	2473	2476	2480	rBV5	3187	3468	0.12%	0.012%
51	17.622	2485	2488	2490	rBV4	4288	4982	0.17%	0.017%
52	17.775	2508	2514	2516	rVV7	4184	7210	0.24%	0.024%
53	17.822	2519	2522	2527	rBV4	10049	11942	0.40%	0.040%
54	17.880	2527	2532	2544	rBV	196074	325020	10.94%	1.089%
55	18.180	2578	2583	2591	rVB8	8157	19519	0.66%	0.065%
56	18.751	2677	2680	2684	rBV5	6607	9138	0.31%	0.031%
57	18.951	2712	2714	2716	rBV3	4245	3693	0.12%	0.012%
58	19.033	2723	2728	2729	rBV	23456	27762	0.93%	0.093%
59	19.057	2729	2732	2744	rVB	77750	146206	4.92%	0.490%
60	19.174	2747	2752	2757	rBV2	76554	113964	3.84%	0.382%
61	19.286	2768	2771	2775	rBV2	12215	14777	0.50%	0.050%
62	19.398	2784	2790	2800	rBV	1667239	2269129	76.38%	7.603%
63	20.898	3041	3045	3055	rBV	425202	620015	20.87%	2.078%
64	21.198	3091	3096	3101	rBV	2148259	2756782	92.79%	9.237%
65	21.333	3117	3119	3126	rVB5	56359	73730	2.48%	0.247%
66	21.762	3189	3192	3194	rBV	83984	88038	2.96%	0.295%
67	22.209	3265	3268	3275	rVB	171691	220891	7.43%	0.740%
68	22.704	3348	3352	3356	rBV	222045	281133	9.46%	0.942%
69	23.262	3440	3447	3454	rBV2	1591669	2909972	97.95%	9.751%
70	23.404	3464	3471	3484	rVB	1638264	2970982	100.00%	9.955%
71	23.874	3547	3551	3560	rVB	293106	508146	17.10%	1.703%

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Title : SVOA CALIBRATION

72	24.598	3670	3674	3682	rVB	231523	493516	16.61%	1.654%
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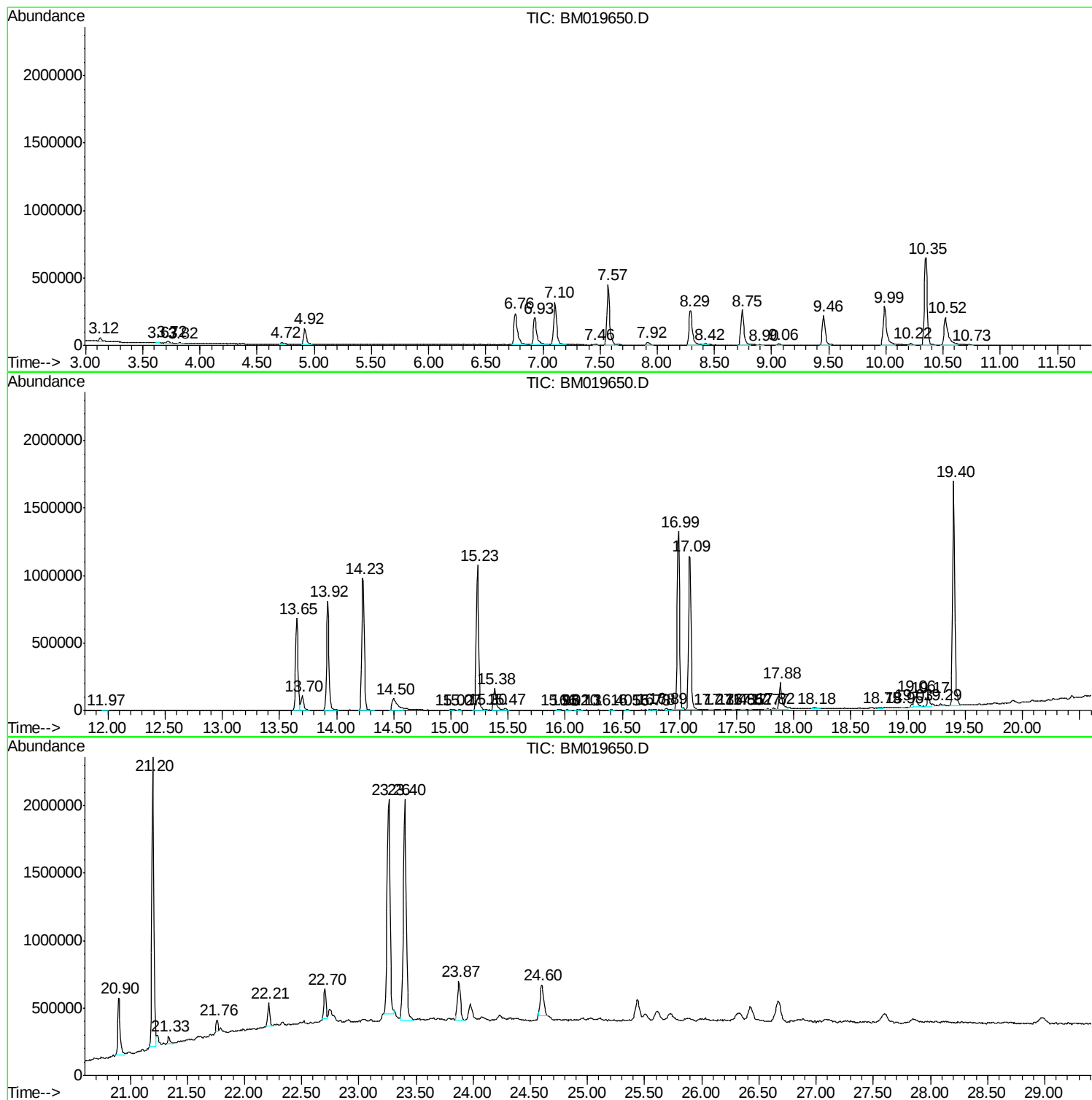
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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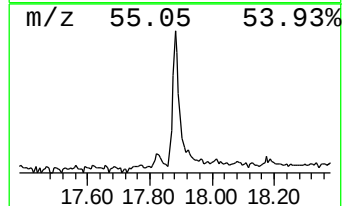
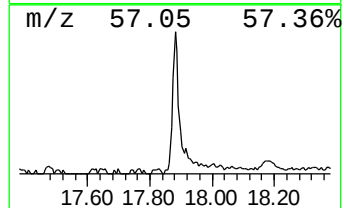
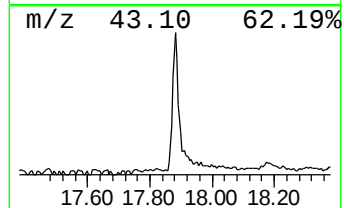
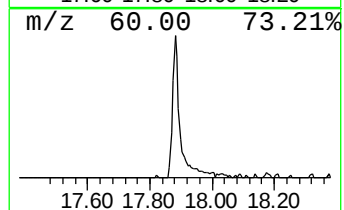
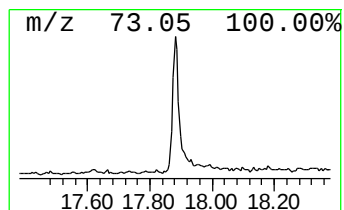
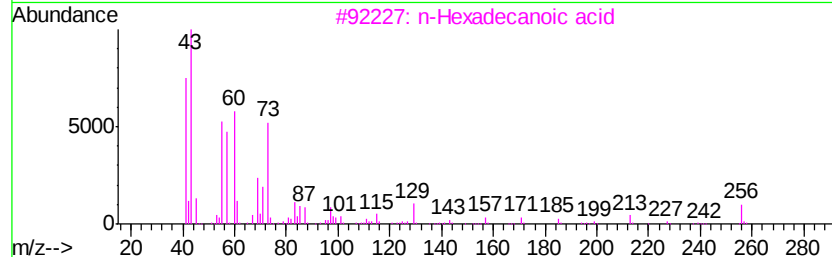
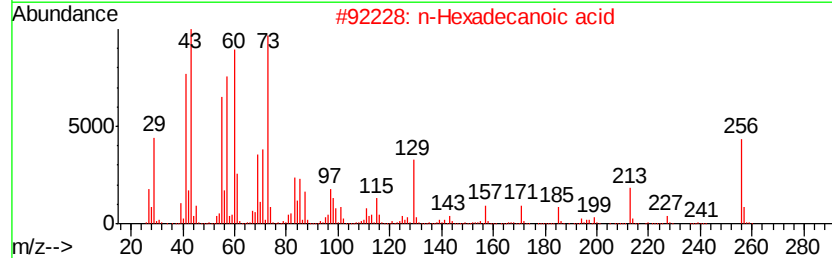
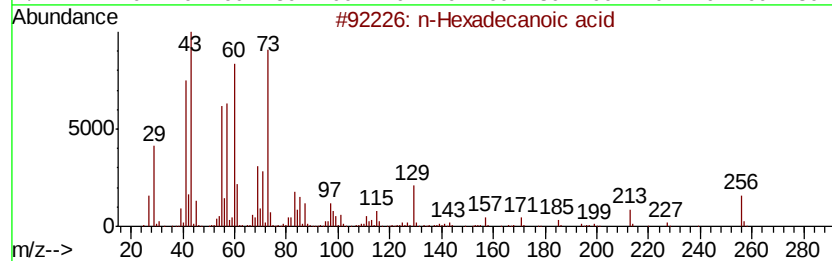
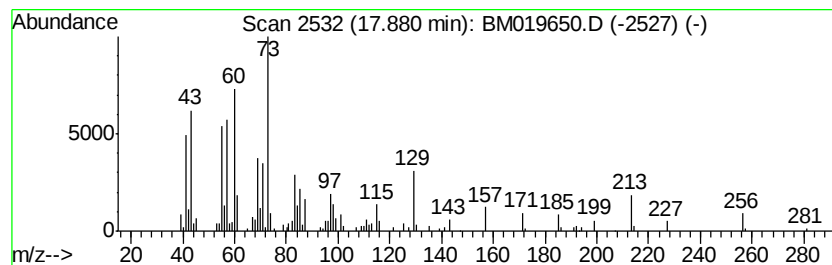
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.88	3.50 ng/ul	325020	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	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Tridecanoic acid	214	C13H26O2	000638-53-9	72
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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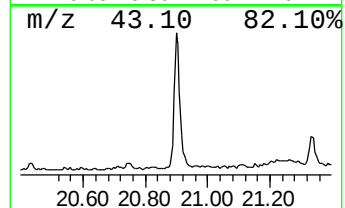
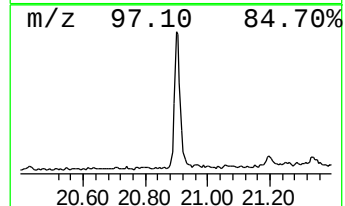
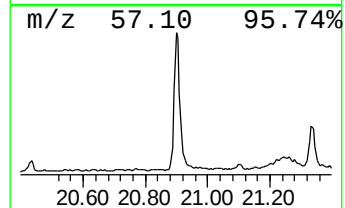
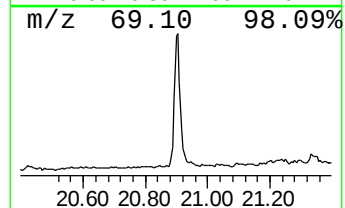
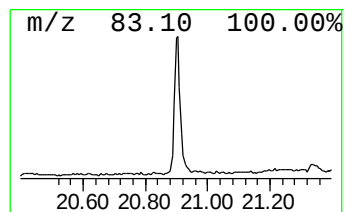
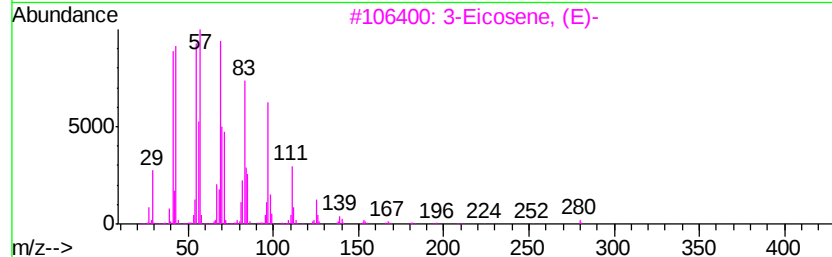
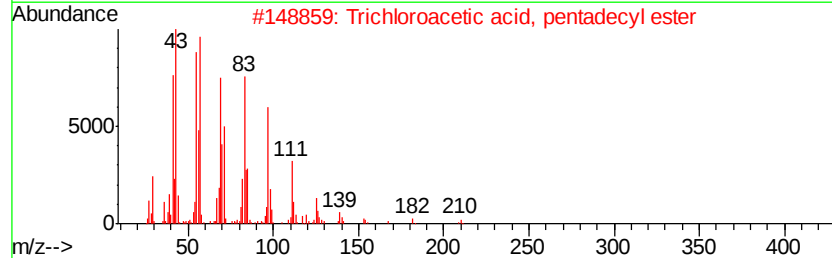
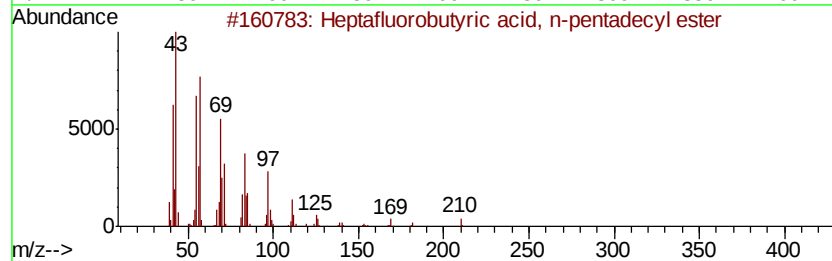
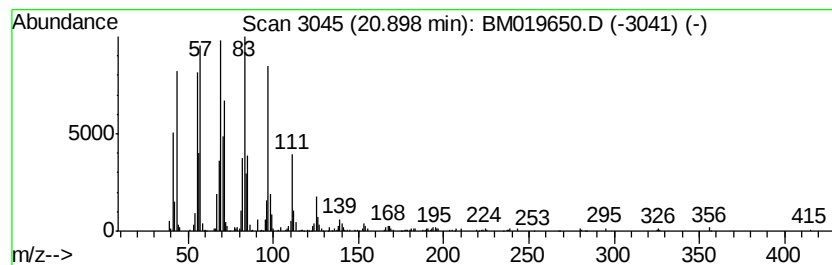
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Heptafluorobutyric acid, n-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.50 ng/ul	620015	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3 91
2		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 91
3		3-Eicosene, (E)-	280 C20H40	074685-33-9 91
4		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91
5		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 91



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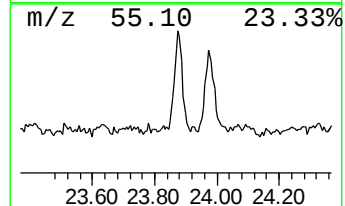
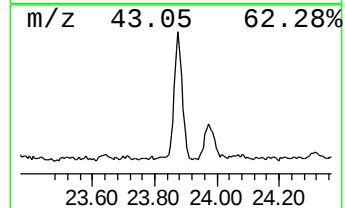
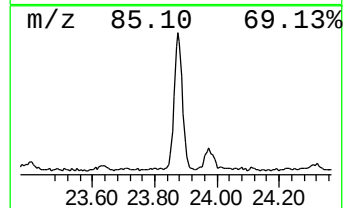
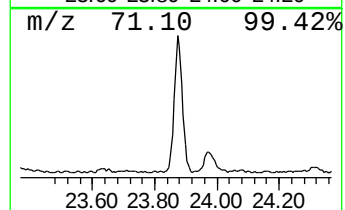
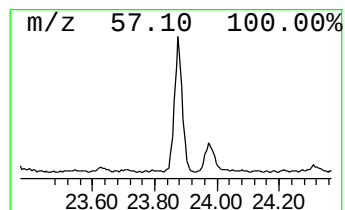
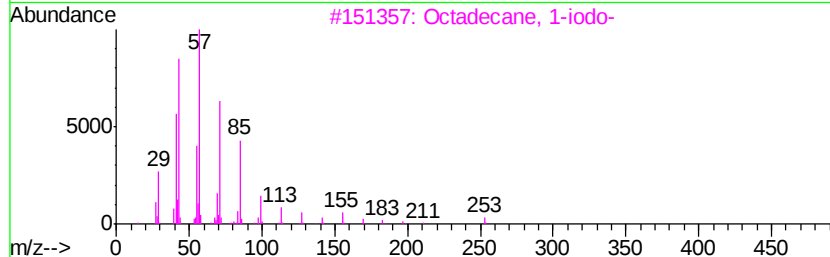
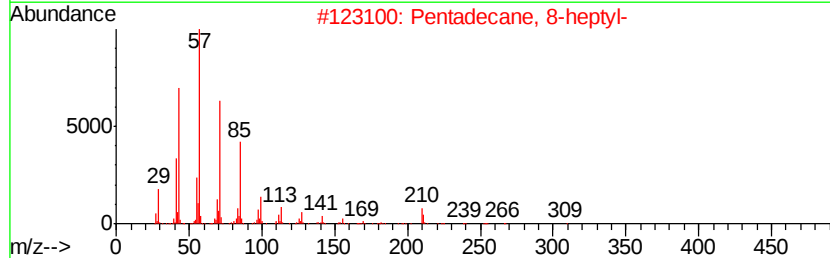
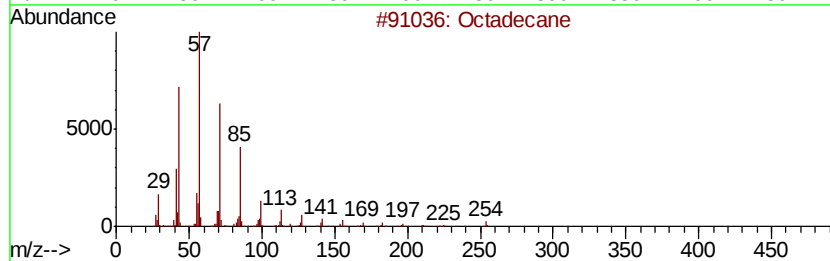
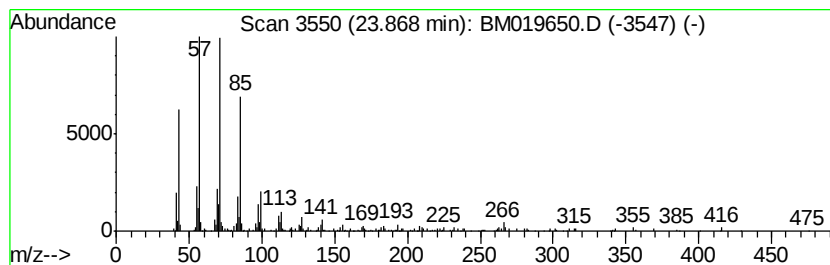
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Quant Title : SVOA CALIBRATION

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.
23.87	3.42 ng/ul	508146	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	87
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Pentadecane	212	C15H32	000629-62-9	83



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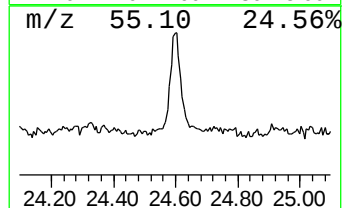
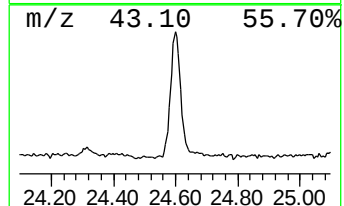
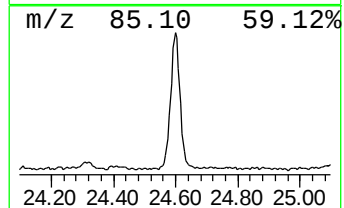
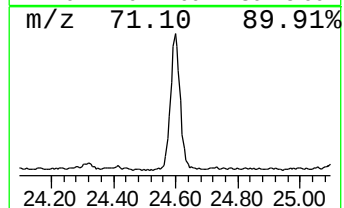
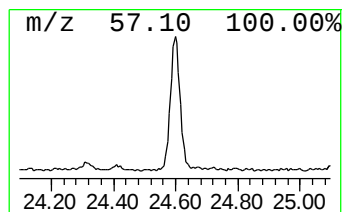
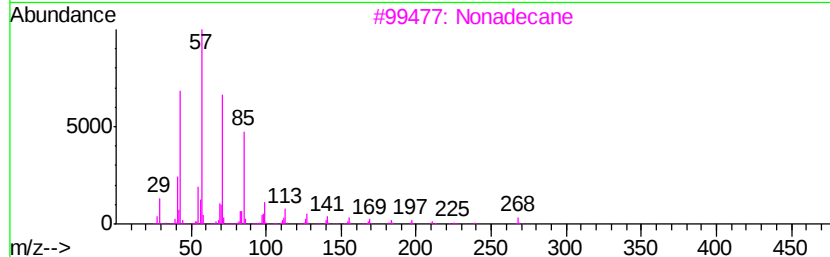
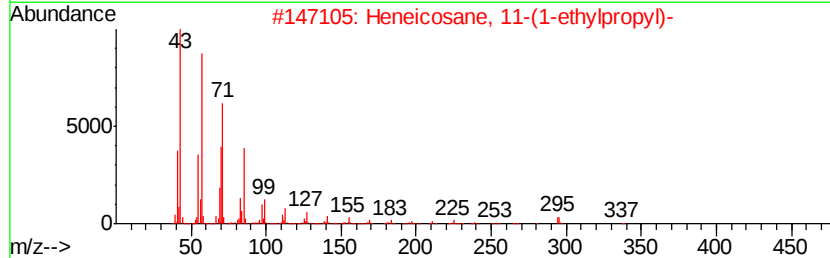
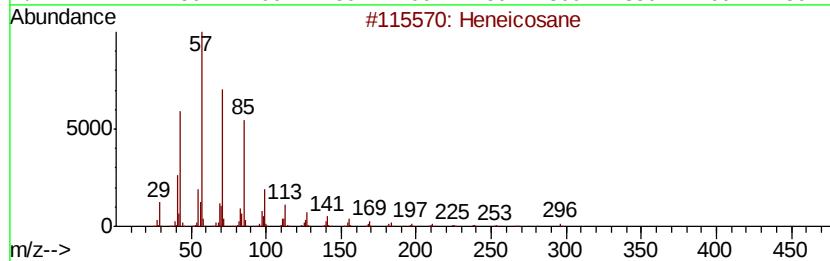
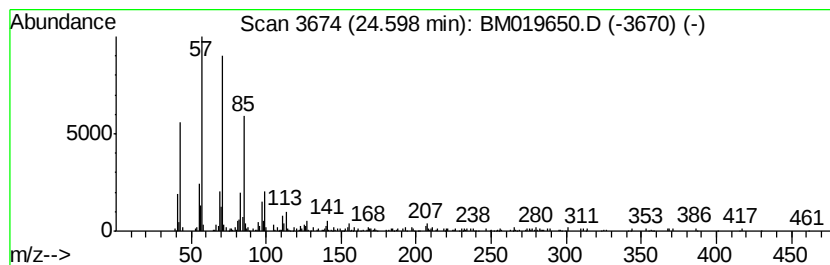
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.32 ng/ul	493516	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
3		Nonadecane	268	C19H40	000629-92-5	72
4		Tetratriacontane	479	C34H70	014167-59-0	68
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019650.D
Acq On : 01 Apr 2019 12:09
Operator : JU/SJ
Sample : K2065-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5P7

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	3.5	ng/ul	325020	4	16.99	1857350	20.0
Heptafluorobutyri...	20.90	4.5	ng/ul	620015	5	21.20	2756780	20.0
(DEL) Alkane: Str...	23.87	3.4	ng/ul	508146	6	23.40	2970980	20.0
(DEL) Alkane: Str...	24.60	3.3	ng/ul	493516	6	23.40	2970980	20.0