

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019628.D
 Acq On : 30 Mar 2019 20:28
 Operator : JU/SJ
 Sample : K2068-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5M3

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	20	24	35	rVB	29170	56680	1.62%	0.183%
2	3.628	105	109	118	rBV3	14350	27585	0.79%	0.089%
3	3.722	120	125	131	rVB	16900	32321	0.93%	0.105%
4	4.369	232	235	239	rBV4	6341	10959	0.31%	0.035%
5	4.716	290	294	296	rBV	19380	25269	0.72%	0.082%
6	4.746	296	299	312	rVB	42054	80347	2.30%	0.260%
7	6.757	635	641	658	rBV	252315	569815	16.32%	1.843%
8	6.928	664	670	688	rBV	203927	389911	11.17%	1.261%
9	7.110	695	701	718	rVB	294707	525123	15.04%	1.698%
10	7.575	773	780	798	rVB	525879	899738	25.76%	2.909%
11	8.292	896	902	914	rBV	263125	501454	14.36%	1.622%
12	8.416	919	923	937	rVB3	13676	31670	0.91%	0.102%
13	8.745	973	979	993	rBV	251510	476360	13.64%	1.540%
14	9.069	1031	1034	1039	rVB2	5909	7860	0.23%	0.025%
15	9.457	1094	1100	1115	rBV	216139	394372	11.29%	1.275%
16	9.992	1184	1191	1207	rBV	259449	579112	16.58%	1.873%
17	10.098	1207	1209	1214	rVV2	7317	11187	0.32%	0.036%
18	10.351	1245	1252	1266	rBV	806954	1346053	38.54%	4.353%
19	10.528	1275	1282	1301	rBV	183000	486426	13.93%	1.573%
20	11.963	1523	1526	1533	rBV3	2038	4939	0.14%	0.016%
21	13.651	1808	1813	1818	rBV	628637	930854	26.66%	3.010%
22	13.704	1818	1822	1832	rVB	170409	264840	7.58%	0.856%
23	13.927	1853	1860	1874	rBV	724205	1083465	31.03%	3.504%
24	14.233	1905	1912	1922	rBV2	1169493	1766381	50.58%	5.712%
25	14.498	1951	1957	1979	rBV3	82759	297685	8.52%	0.963%
26	14.663	1980	1985	1993	rVV2	36058	70860	2.03%	0.229%
27	14.733	1996	1997	2003	rVB4	3336	4014	0.11%	0.013%
28	15.004	2039	2043	2050	rVB3	5040	11707	0.34%	0.038%
29	15.074	2050	2055	2059	rBV5	4433	6163	0.18%	0.020%
30	15.233	2076	2082	2097	rBV	978949	1451291	41.56%	4.693%
31	15.386	2103	2108	2117	rBV	124956	209343	5.99%	0.677%
32	15.480	2120	2124	2129	rVB3	9017	12748	0.37%	0.041%
33	15.939	2197	2202	2211	rVB4	3130	5862	0.17%	0.019%
34	16.404	2278	2281	2287	rBV3	4007	6749	0.19%	0.022%

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35	16.545	2300	2305	2312	rBV4	6095	8790	0.25%	0.028%
36	16.733	2334	2337	2340	rBV2	3087	3930	0.11%	0.013%
37	16.786	2342	2346	2348	rVV	4329	5304	0.15%	0.017%
38	16.992	2375	2381	2389	rBV2	1574435	2122127	60.77%	6.862%
39	17.092	2392	2398	2414	rVV2	1001450	1492341	42.73%	4.826%
40	17.204	2415	2417	2422	rVB2	2319	4135	0.12%	0.013%
41	17.345	2435	2441	2442	rBV3	2344	3844	0.11%	0.012%
42	17.374	2443	2446	2452	rVB5	6707	11186	0.32%	0.036%
43	17.474	2459	2463	2468	rBV4	4633	7321	0.21%	0.024%
44	17.886	2528	2533	2543	rBV	178702	293296	8.40%	0.948%
45	18.168	2576	2581	2586	rBV7	7081	12277	0.35%	0.040%
46	18.251	2592	2595	2596	rBV2	3389	3761	0.11%	0.012%
47	18.303	2599	2604	2605	rBV3	3980	5497	0.16%	0.018%
48	18.756	2676	2681	2684	rBV5	7460	11941	0.34%	0.039%
49	19.033	2724	2728	2732	rBV	17730	30005	0.86%	0.097%
50	19.174	2748	2752	2760	rBV	87013	154972	4.44%	0.501%
51	19.315	2774	2776	2778	rBV3	4975	4217	0.12%	0.014%
52	19.398	2785	2790	2799	rBV2	1368951	1858937	53.23%	6.011%
53	19.739	2844	2848	2851	rBV3	26394	29594	0.85%	0.096%
54	19.774	2851	2854	2858	rVB	40317	45257	1.30%	0.146%
55	19.915	2874	2878	2879	rBV4	11743	15259	0.44%	0.049%
56	20.433	2964	2966	2969	rVB3	19211	17090	0.49%	0.055%
57	20.715	3011	3014	3017	rBV	40178	44305	1.27%	0.143%
58	20.750	3017	3020	3023	rVB	72709	77925	2.23%	0.252%
59	20.903	3041	3046	3057	rBV	367695	514978	14.75%	1.665%
60	21.197	3091	3096	3107	rBV2	2387877	3120255	89.35%	10.090%
61	21.333	3116	3119	3124	rBV	73685	93830	2.69%	0.303%
62	21.762	3189	3192	3195	rBV	133543	145360	4.16%	0.470%
63	22.209	3265	3268	3274	rVB	238236	311065	8.91%	1.006%
64	22.703	3348	3352	3358	rVB	296445	423373	12.12%	1.369%
65	23.262	3440	3447	3456	rBV3	1522692	2905809	83.21%	9.396%
66	23.403	3464	3471	3488	rVB	1827277	3492187	100.00%	11.292%
67	23.880	3547	3552	3559	rVB	309630	553636	15.85%	1.790%
68	24.597	3670	3674	3683	rVB	241831	522105	14.95%	1.688%

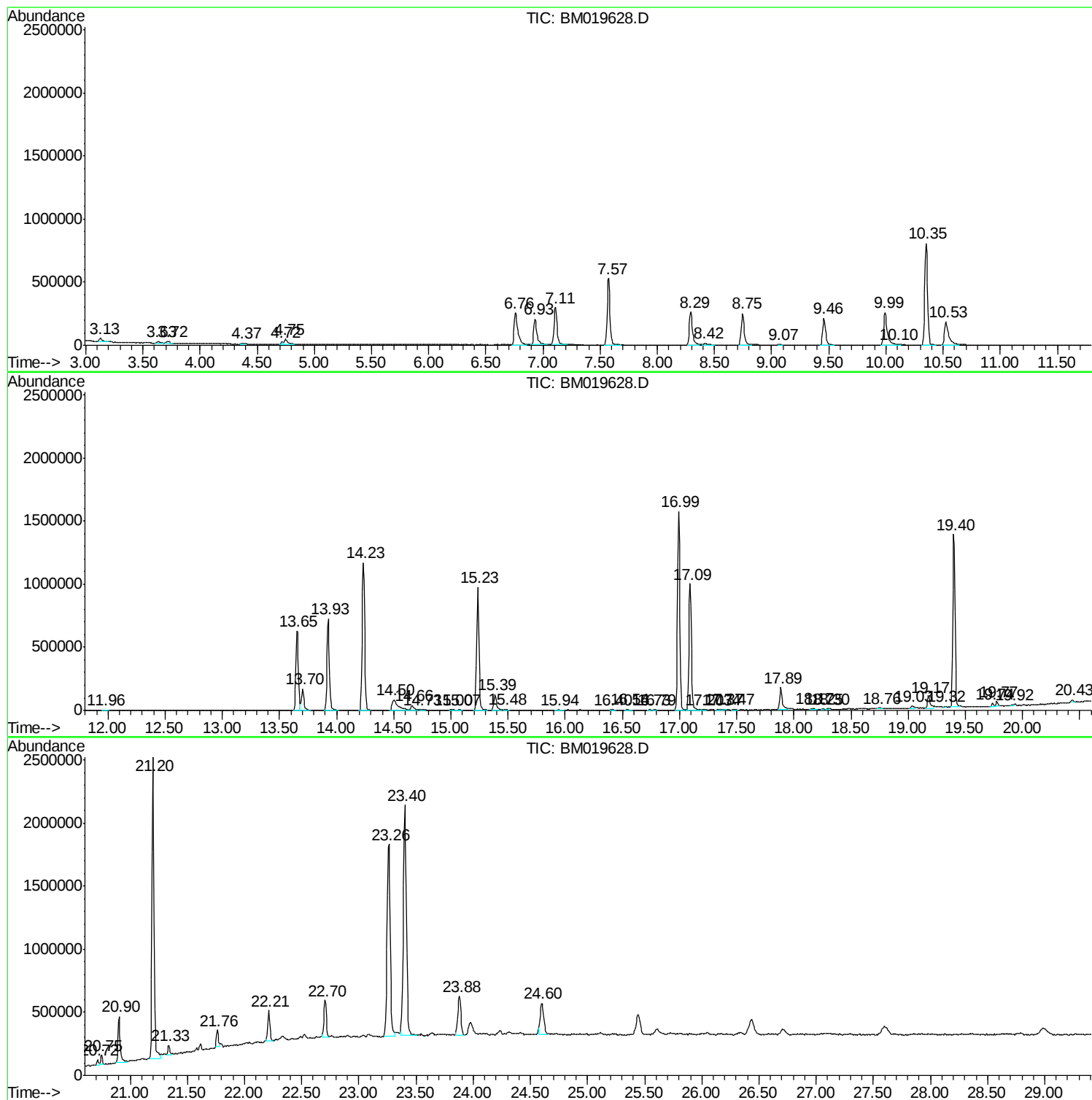
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Quant Title : SVOA CALIBRATION

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



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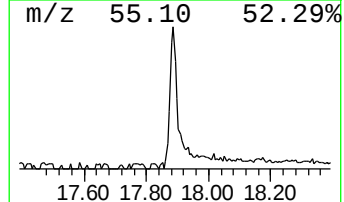
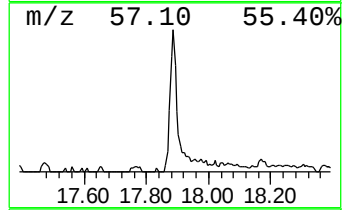
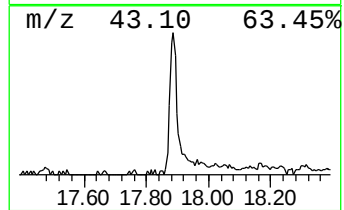
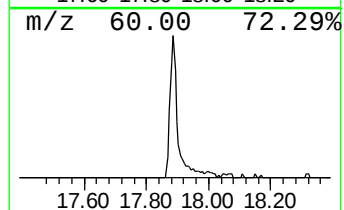
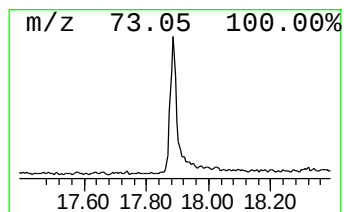
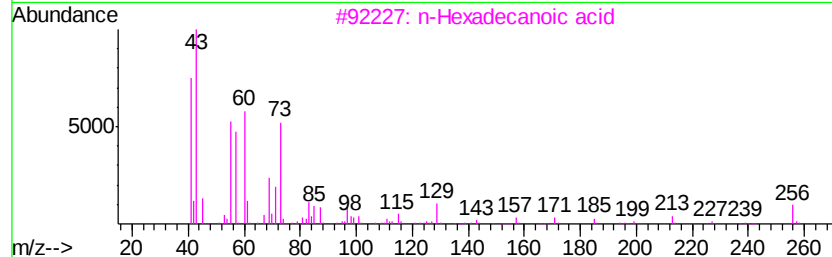
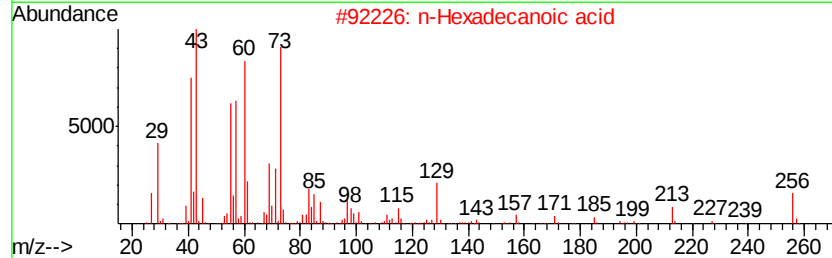
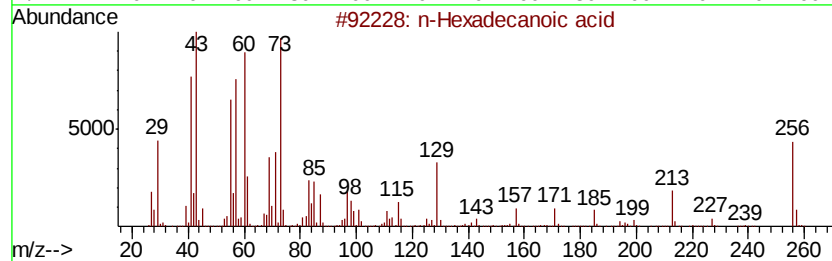
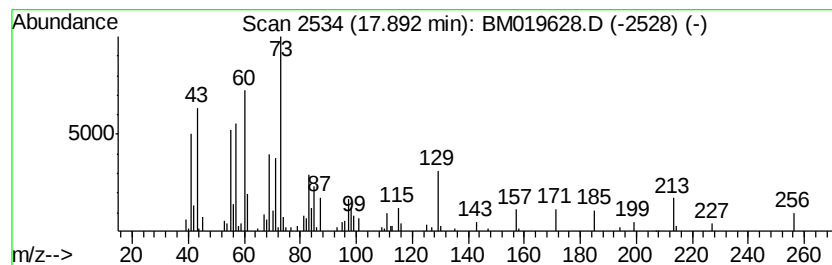
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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.
17.89	2.76 ng/ul	293296	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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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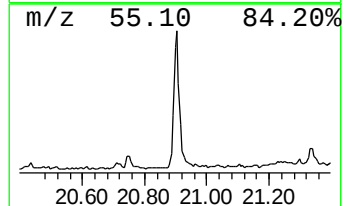
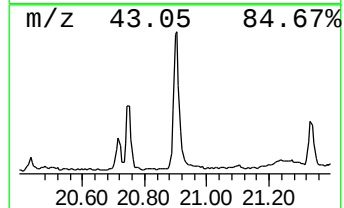
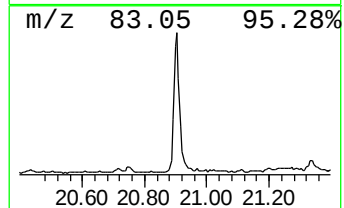
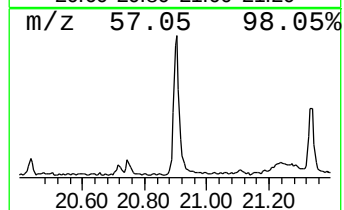
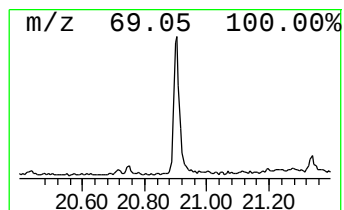
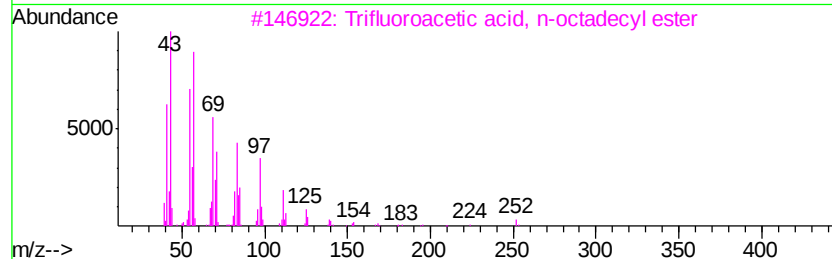
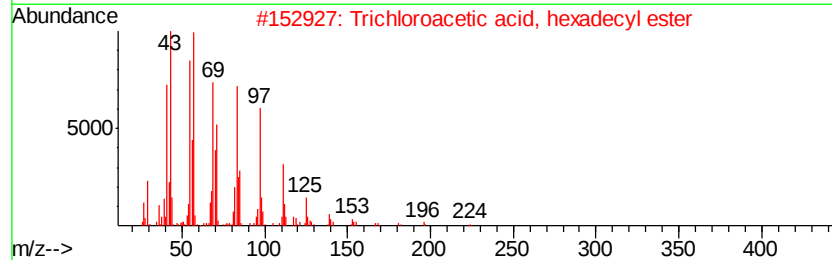
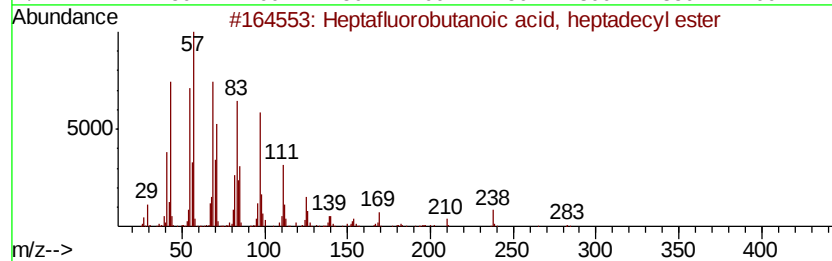
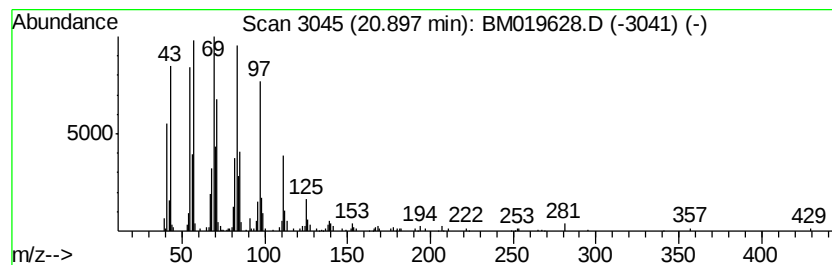
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptafluorobutanoic acid, h... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.90	3.30 ng/ul	514978	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	93
2		Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	91
3		Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



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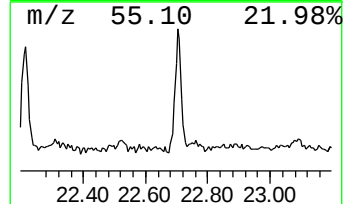
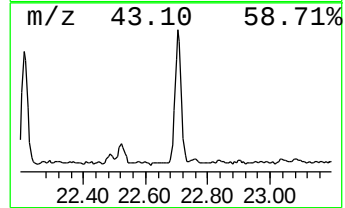
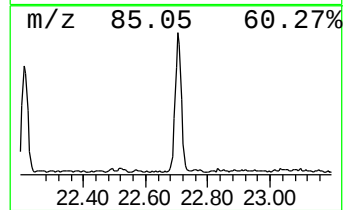
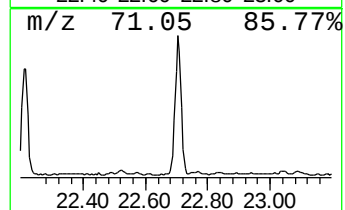
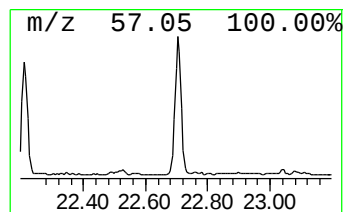
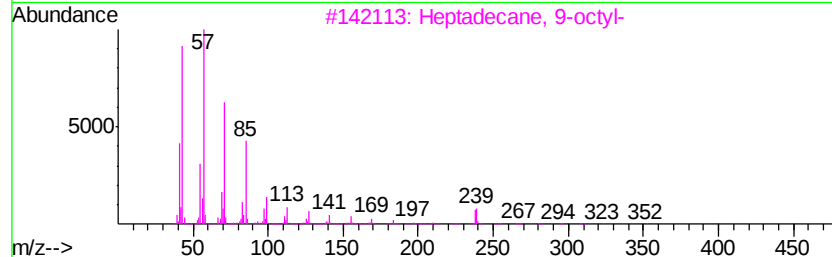
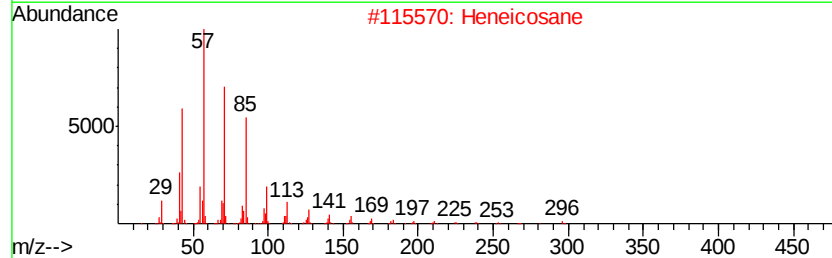
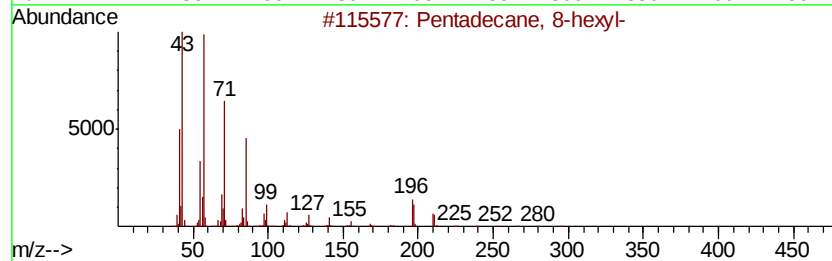
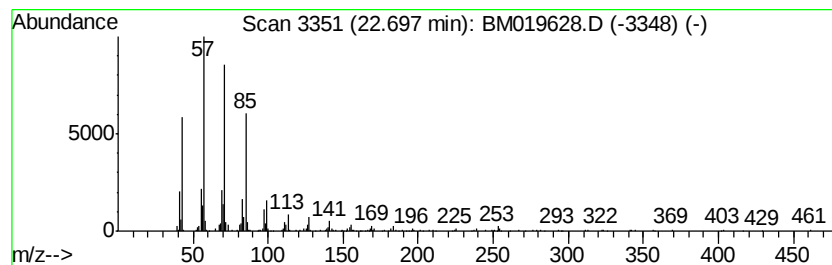
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.42 ng/ul	423373	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



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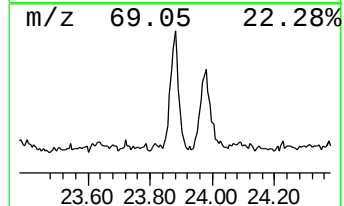
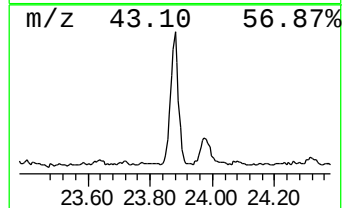
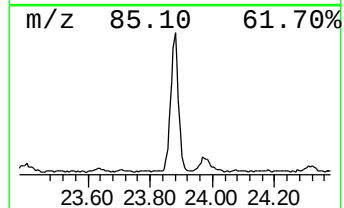
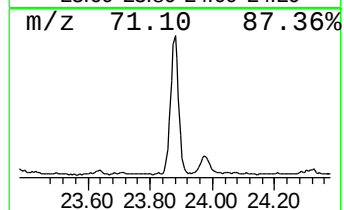
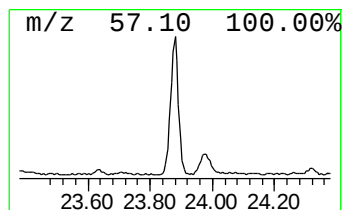
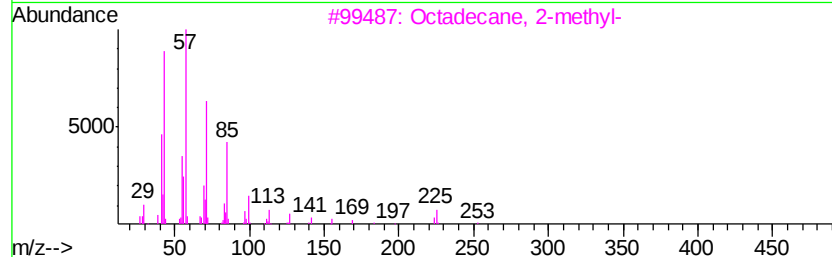
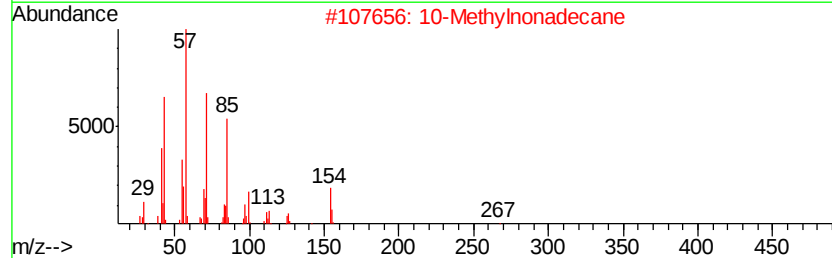
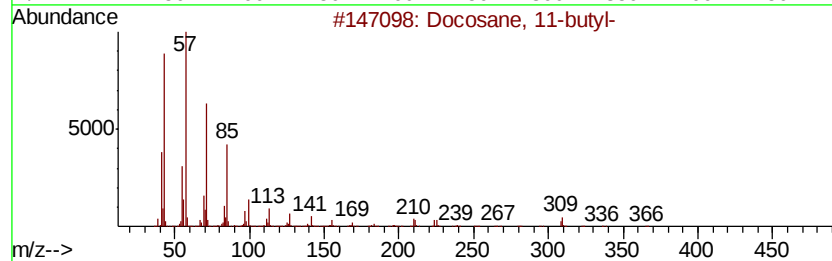
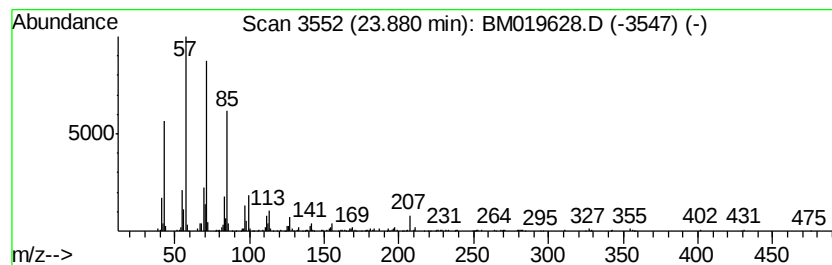
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.17 ng/ul	553636	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2		10-Methylnonadecane	282	C20H42	056862-62-5	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	90
5		Hexadecane	226	C16H34	000544-76-3	87



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ClientSampleId :
BF5M3

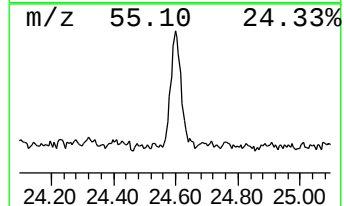
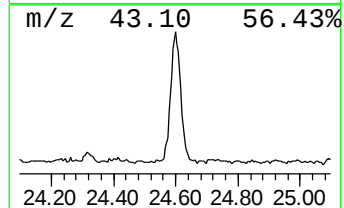
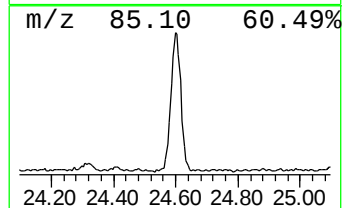
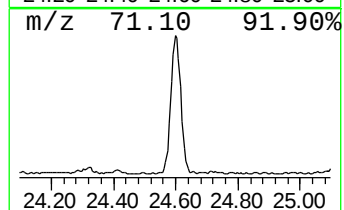
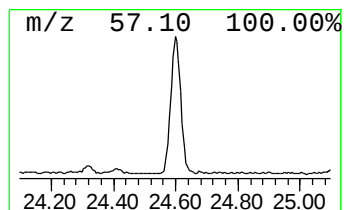
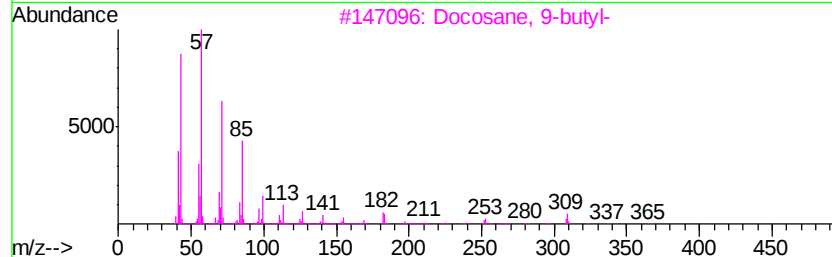
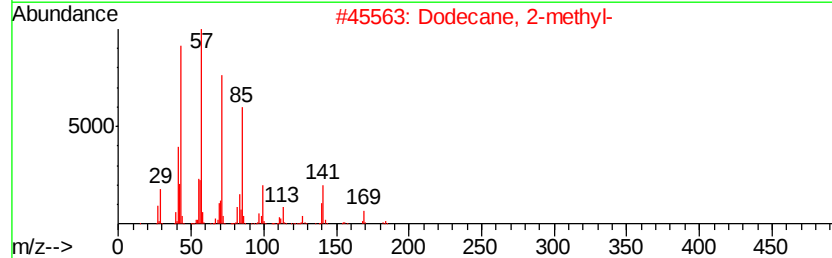
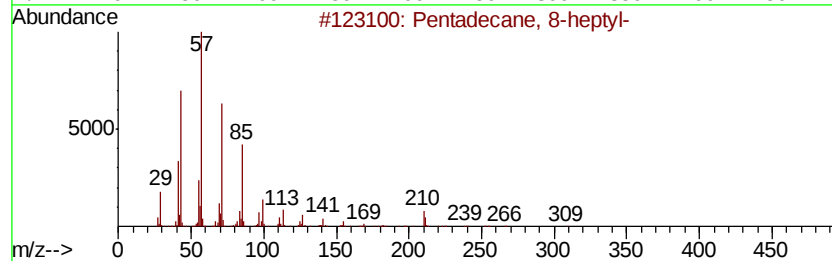
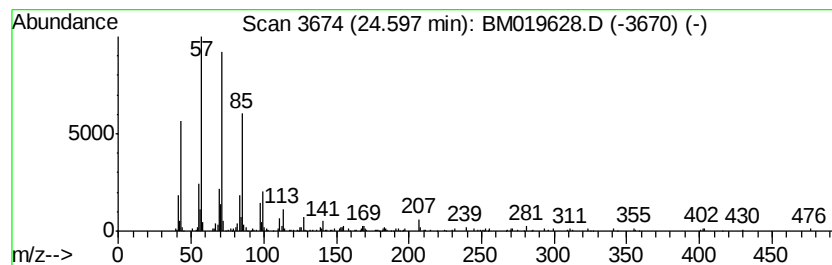
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Quant Title : SVOA CALIBRATION

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.
24.60	2.99 ng/ul	522105	Perylene-d12	23.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019628.D
Acq On : 30 Mar 2019 20:28
Operator : JU/SJ
Sample : K2068-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5M3

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	2.8	ng/ul	293296	4	16.99	2122130	20.0
Heptafluorobutano...	20.90	3.3	ng/ul	514978	5	21.20	3120260	20.0
(DEL) Alkane: Str...	22.70	2.4	ng/ul	423373	6	23.40	3492190	20.0
(DEL) Alkane: Str...	23.88	3.2	ng/ul	553636	6	23.40	3492190	20.0
(DEL) Alkane: Str...	24.60	3.0	ng/ul	522105	6	23.40	3492190	20.0