

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019633.D
 Acq On : 30 Mar 2019 23:31
 Operator : JU/SJ
 Sample : K2068-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5K6

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	36	rVB	30895	61106	1.89%	0.221%
2	3.722	121	125	134	rVB	18429	32042	0.99%	0.116%
3	4.716	290	294	297	rBV	17839	25139	0.78%	0.091%
4	4.751	298	300	307	rVB	13887	21604	0.67%	0.078%
5	6.763	636	642	656	rBV	197104	434642	13.44%	1.573%
6	6.928	665	670	688	rBV	154525	316531	9.79%	1.145%
7	7.110	695	701	715	rVB	239903	430782	13.32%	1.559%
8	7.575	773	780	789	rBV	463857	788712	24.39%	2.854%
9	7.634	789	790	801	rVB6	6431	10148	0.31%	0.037%
10	7.892	831	834	840	rVB4	1889	4031	0.12%	0.015%
11	8.292	896	902	917	rBV	204518	411763	12.73%	1.490%
12	8.422	919	924	930	rVB	11009	19227	0.59%	0.070%
13	8.745	969	979	993	rBV	209551	401678	12.42%	1.454%
14	9.075	1029	1035	1038	rVB3	10912	15266	0.47%	0.055%
15	9.457	1094	1100	1116	rBV	170101	322539	9.97%	1.167%
16	9.992	1185	1191	1208	rBV	213803	474421	14.67%	1.717%
17	10.351	1245	1252	1264	rBV	719551	1193908	36.91%	4.320%
18	10.528	1275	1282	1304	rBV2	146567	423830	13.10%	1.534%
19	11.975	1520	1528	1531	rBV5	2097	4500	0.14%	0.016%
20	13.657	1808	1814	1819	rBV	520361	776792	24.02%	2.811%
21	13.704	1819	1822	1830	rVB	67459	100119	3.10%	0.362%
22	13.927	1853	1860	1874	rBV	609149	911899	28.20%	3.300%
23	14.233	1906	1912	1924	rVB2	1046996	1597010	49.38%	5.779%
24	14.504	1952	1958	1976	rBV2	66351	236721	7.32%	0.857%
25	14.663	1982	1985	1992	rVB3	15327	22693	0.70%	0.082%
26	15.021	2044	2046	2052	rVB3	2725	3668	0.11%	0.013%
27	15.074	2052	2055	2060	rBV	3863	4429	0.14%	0.016%
28	15.233	2075	2082	2093	rBV	805224	1204648	37.25%	4.359%
29	15.386	2102	2108	2120	rBV	167250	278692	8.62%	1.009%
30	15.474	2120	2123	2130	rVB4	6810	13011	0.40%	0.047%
31	15.986	2204	2210	2215	rBV2	16968	33829	1.05%	0.122%
32	16.404	2278	2281	2289	rVB4	5331	8199	0.25%	0.030%
33	16.539	2300	2304	2310	rBV3	6438	9198	0.28%	0.033%
34	16.780	2341	2345	2353	rBV4	4178	7541	0.23%	0.027%

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35	16.904	2361	2366	2371	rVB5	5726	10268	0.32%	0.037%
36	16.992	2375	2381	2392	rVV2	1401975	1937961	59.92%	7.013%
37	17.092	2392	2398	2413	rVB2	895768	1277419	39.50%	4.623%
38	17.380	2441	2447	2450	rBV5	2786	3657	0.11%	0.013%
39	17.657	2489	2494	2499	rVB5	4557	6804	0.21%	0.025%
40	17.768	2505	2513	2520	rBV6	16069	32645	1.01%	0.118%
41	17.821	2520	2522	2528	rVB6	6850	8309	0.26%	0.030%
42	17.886	2528	2533	2543	rBV	168905	272041	8.41%	0.984%
43	18.162	2577	2580	2581	rBV2	6642	6053	0.19%	0.022%
44	18.262	2595	2597	2600	rBV2	2553	3671	0.11%	0.013%
45	18.315	2605	2606	2611	rVB5	3920	5062	0.16%	0.018%
46	18.439	2622	2627	2628	rBV4	3426	5149	0.16%	0.019%
47	18.498	2631	2637	2640	rBV3	6539	11412	0.35%	0.041%
48	18.751	2677	2680	2684	rBV5	5284	6971	0.22%	0.025%
49	18.809	2687	2690	2694	rBV4	6136	9895	0.31%	0.036%
50	19.033	2725	2728	2731	rBV2	13768	20712	0.64%	0.075%
51	19.068	2731	2734	2740	rVB7	13425	27218	0.84%	0.098%
52	19.174	2748	2752	2761	rBV2	82587	141280	4.37%	0.511%
53	19.286	2768	2771	2775	rBV3	5966	8232	0.25%	0.030%
54	19.398	2785	2790	2802	rBV	1171044	1616301	49.97%	5.849%
55	19.909	2874	2877	2879	rBV3	11729	15258	0.47%	0.055%
56	20.433	2964	2966	2970	rVB3	24203	25878	0.80%	0.094%
57	20.897	3041	3045	3054	rBV2	390145	515379	15.94%	1.865%
58	21.197	3091	3096	3110	rBV	2267268	2919916	90.28%	10.567%
59	21.333	3116	3119	3125	rBV	70681	87695	2.71%	0.317%
60	21.762	3188	3192	3195	rBV	123915	152945	4.73%	0.553%
61	22.209	3265	3268	3276	rVB	209551	289210	8.94%	1.047%
62	22.703	3348	3352	3357	rVB	268839	377185	11.66%	1.365%
63	23.262	3440	3447	3455	rBV3	1360234	2545431	78.70%	9.211%
64	23.403	3464	3471	3484	rVB	1695863	3234226	100.00%	11.704%
65	23.874	3547	3551	3561	rVB	296869	564071	17.44%	2.041%
66	24.603	3670	3675	3681	rVB	243045	484716	14.99%	1.754%
67	25.438	3813	3817	3826	rVB	186694	410404	12.69%	1.485%

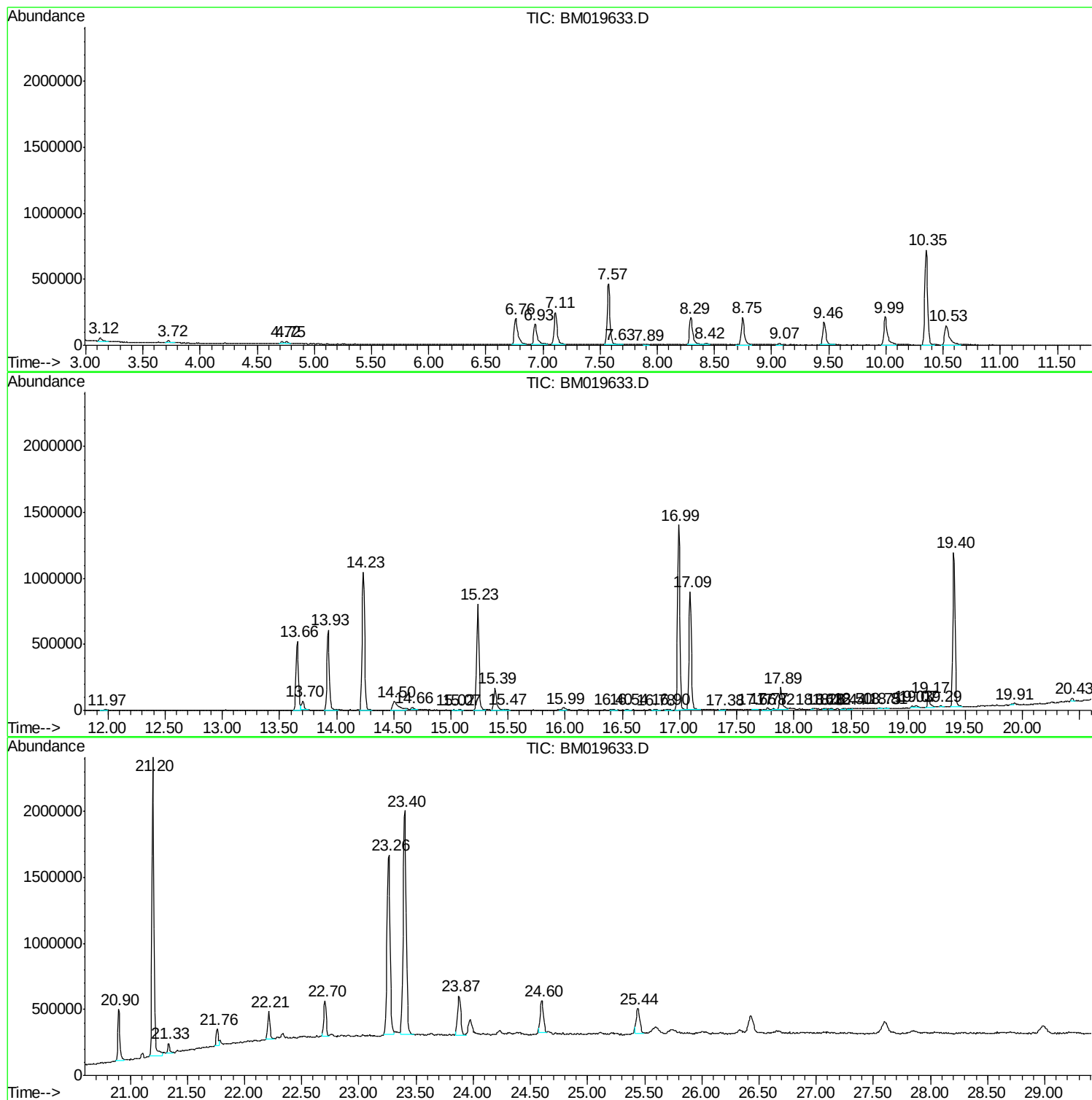
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Quant Title : SVOA CALIBRATION

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



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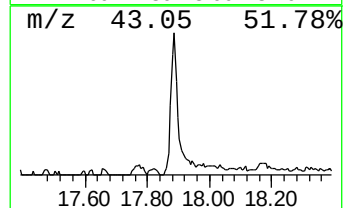
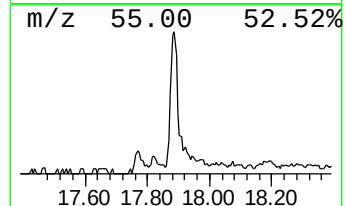
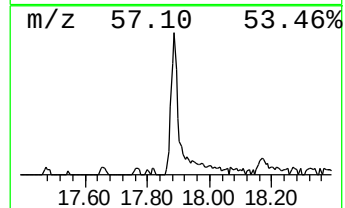
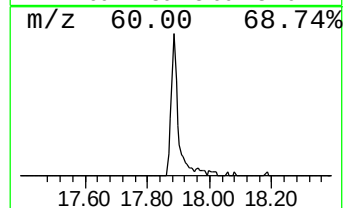
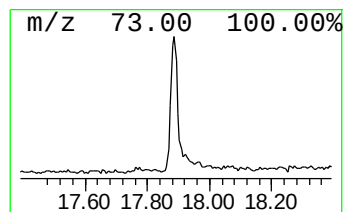
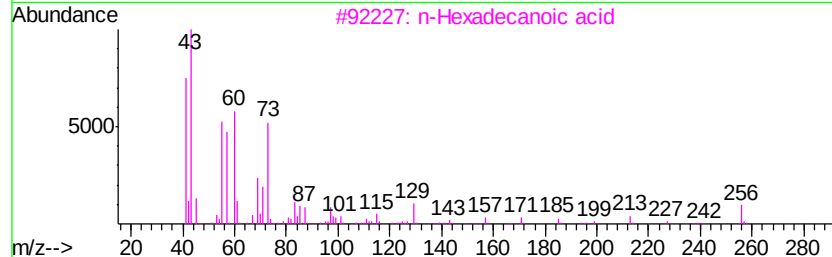
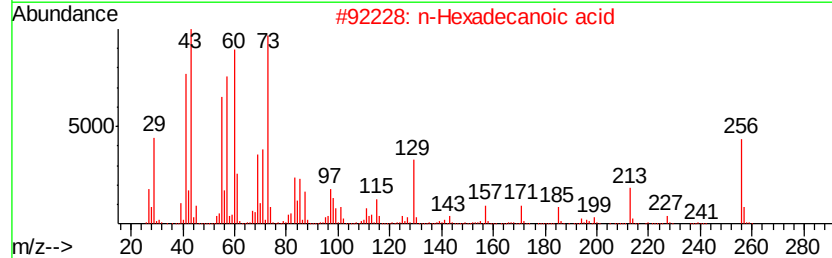
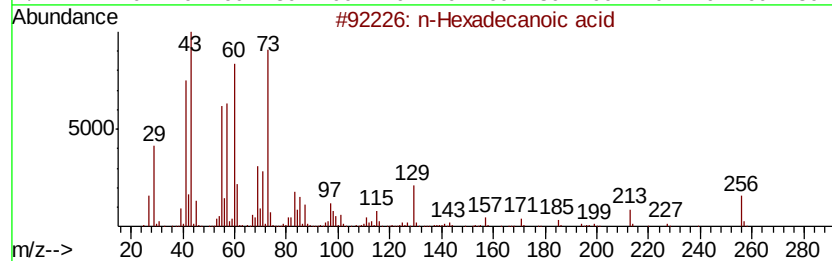
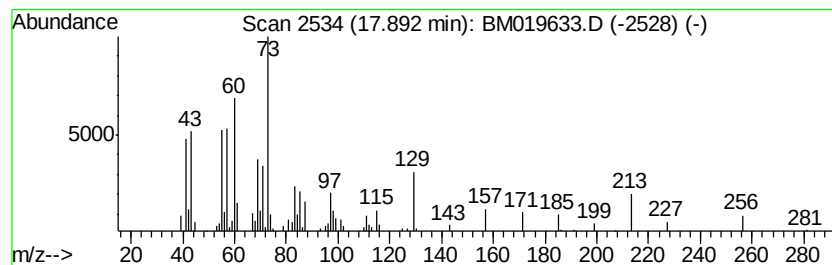
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	2.81 ng/ul	272041	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	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93



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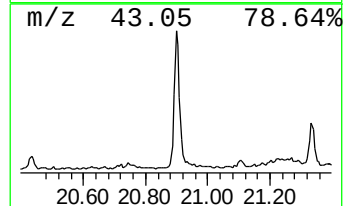
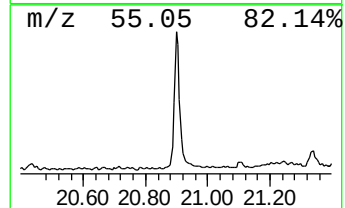
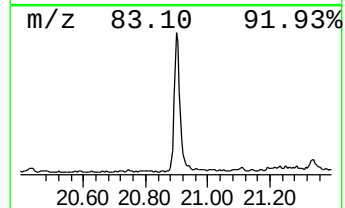
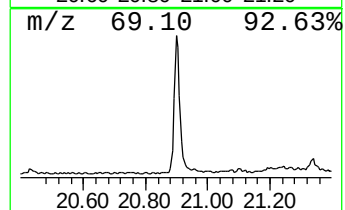
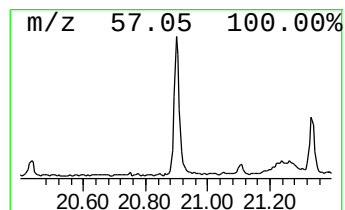
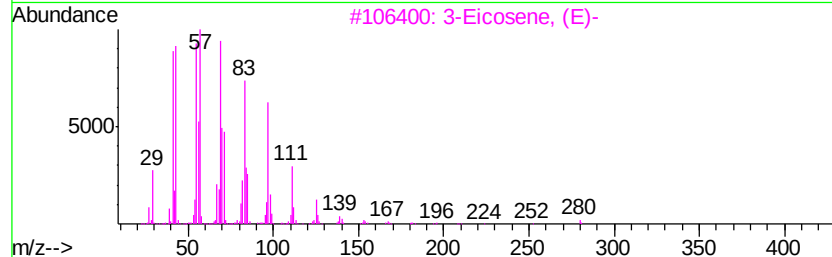
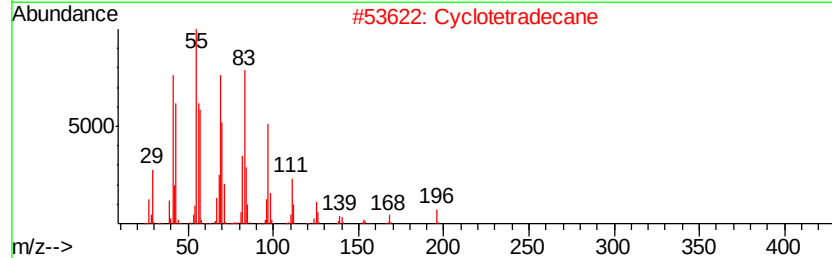
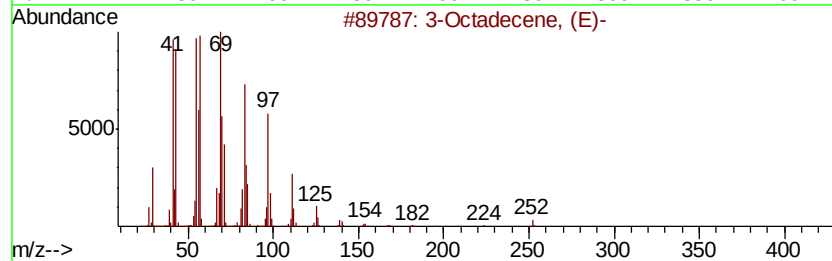
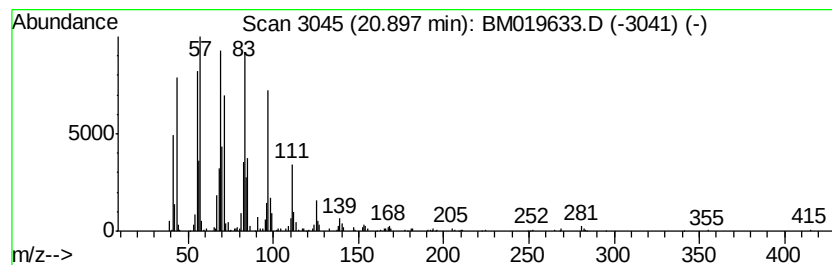
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Quant Title : SVOA CALIBRATION

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	3.53 ng/ul	515379	Chrysene-d12		21.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-		252	C18H36	007206-19-1	95
2	Cyclotetradecane		196	C14H28	000295-17-0	93
3	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
4	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91
5	Trifluoroacetic acid, n-octadecy...		366	C20H37F3O2	079392-43-1	91



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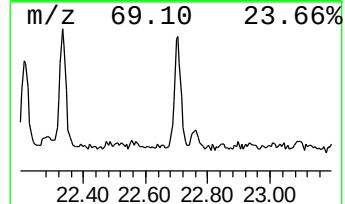
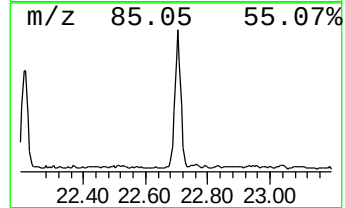
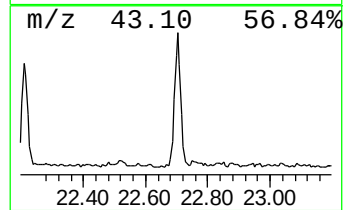
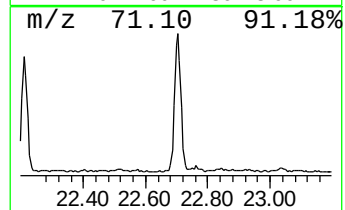
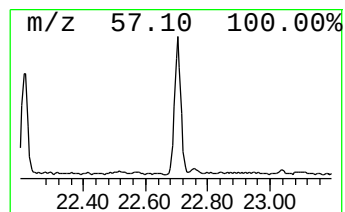
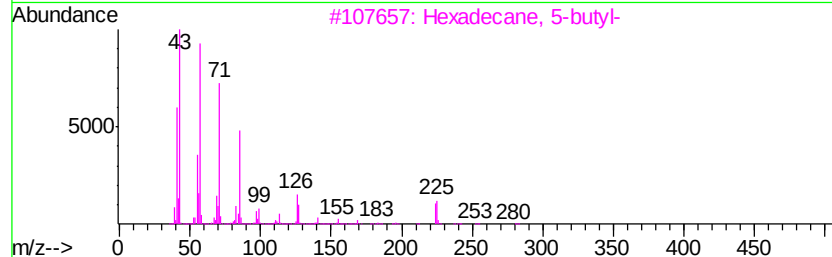
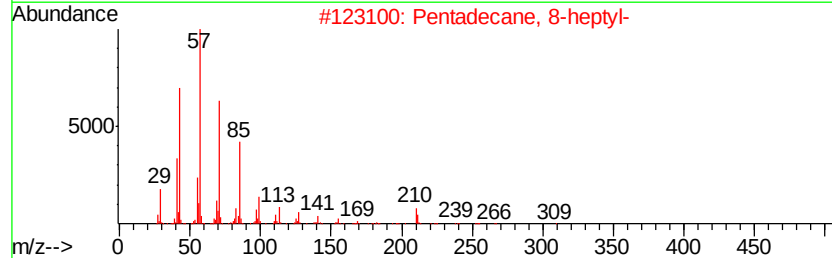
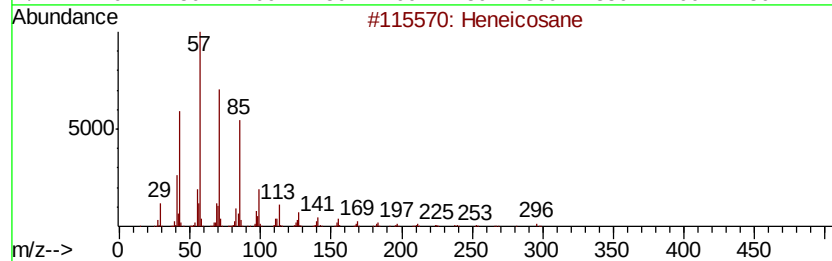
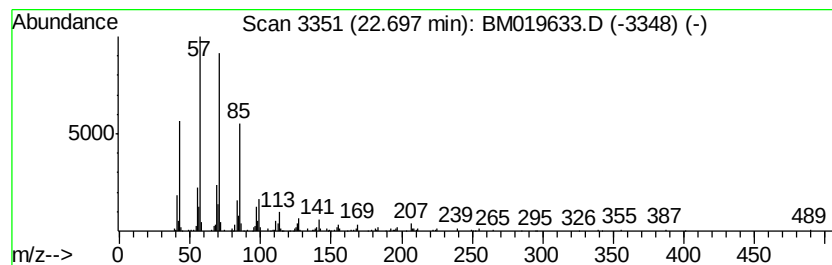
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.33 ng/ul	377185	Perylene-d12	23.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296	C21H44	000629-94-7 91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7 91
3	Hexadecane, 5-butyl-	282	C20H42	006912-07-8 91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6 91
5	Octacosane	394	C28H58	000630-02-4 91



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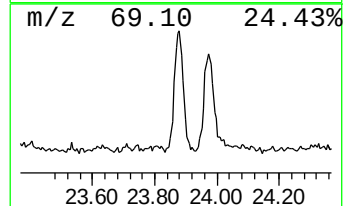
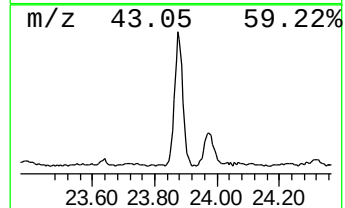
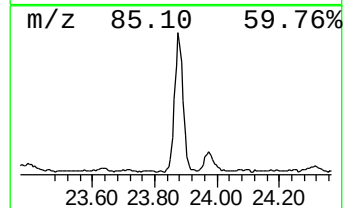
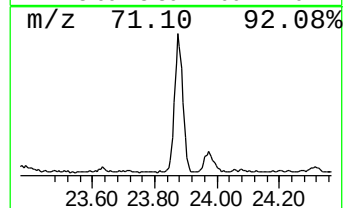
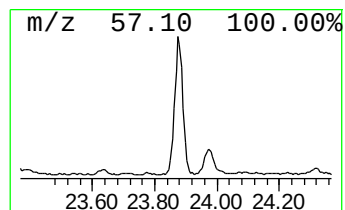
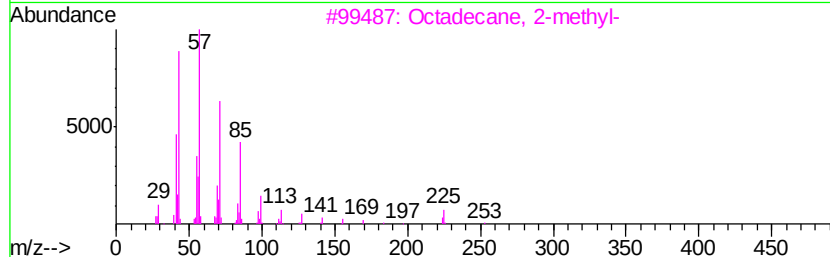
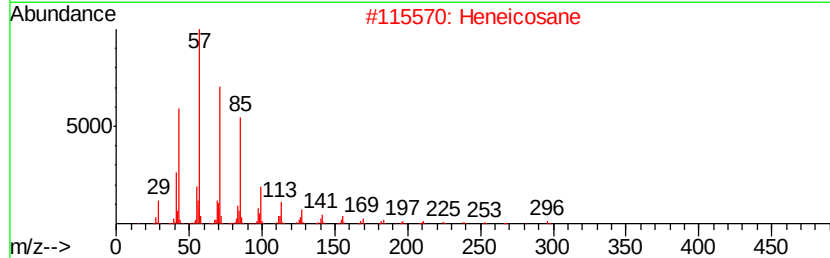
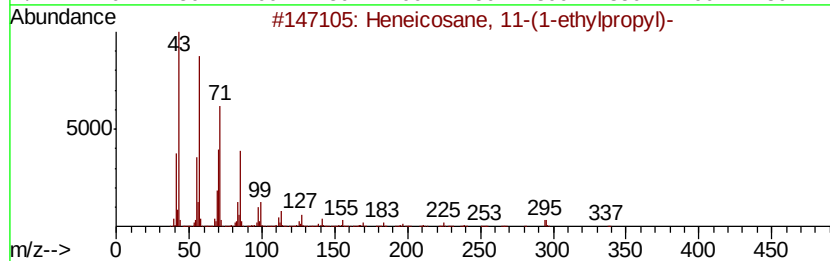
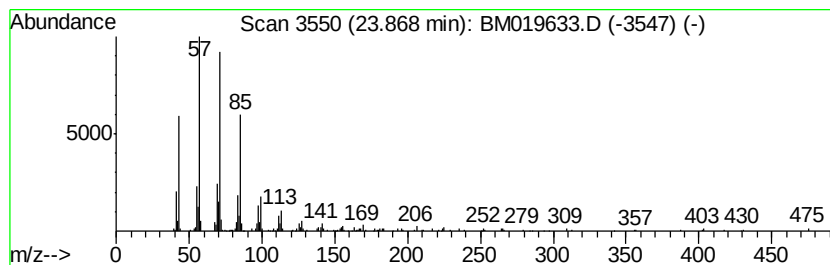
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.49 ng/ul	564071	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



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BF5K6

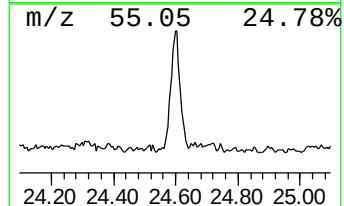
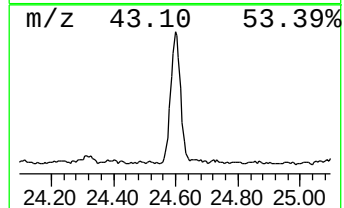
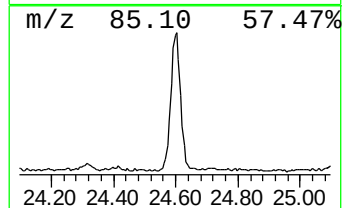
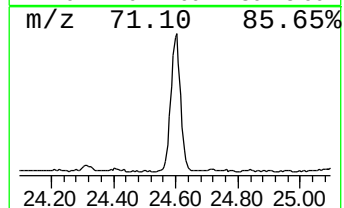
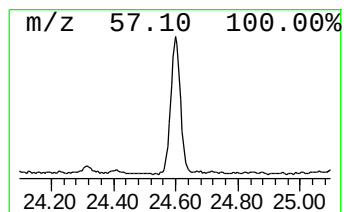
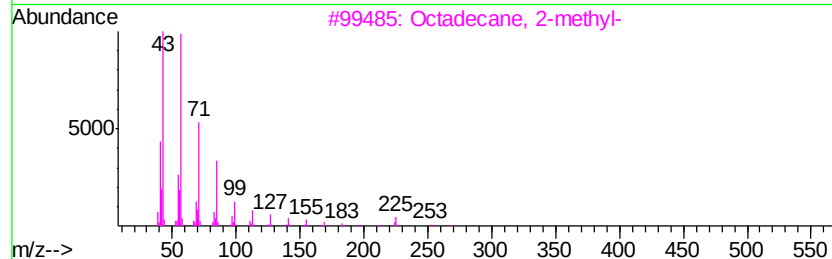
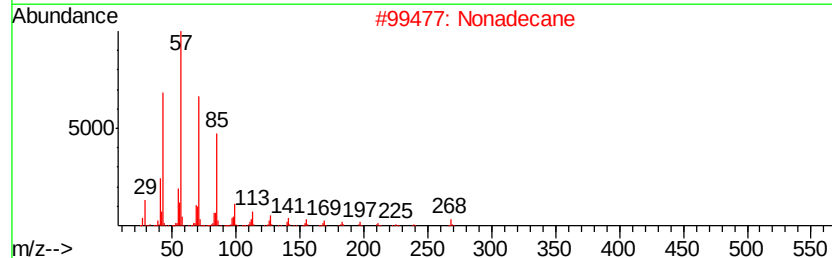
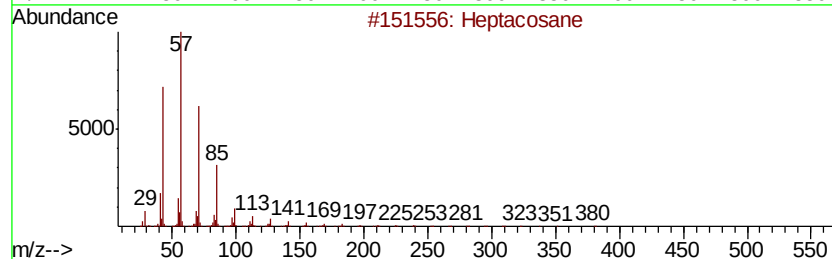
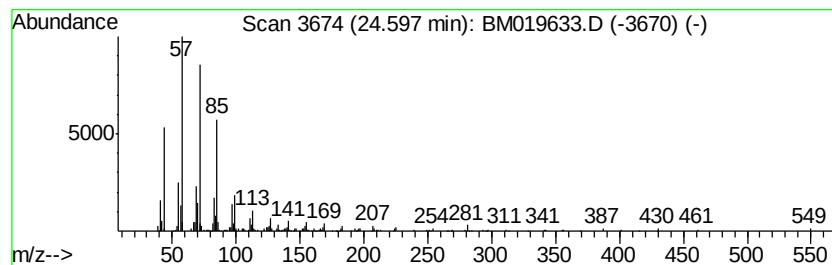
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Quant Title : SVOA CALIBRATION

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	3.00 ng/ul	484716	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	74
2		Nonadecane	268	C19H40	000629-92-5	72
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	68
4		Eicosane	282	C20H42	000112-95-8	64
5		Heneicosane	296	C21H44	000629-94-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019633.D
Acq On : 30 Mar 2019 23:31
Operator : JU/SJ
Sample : K2068-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5K6

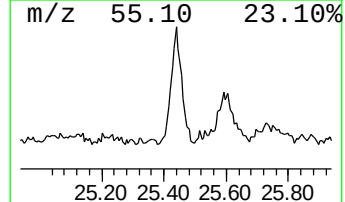
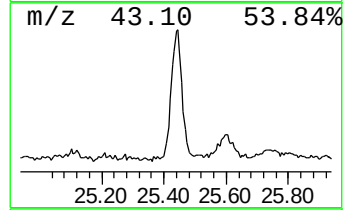
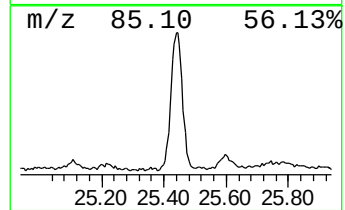
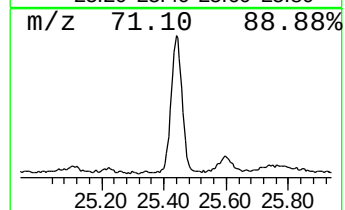
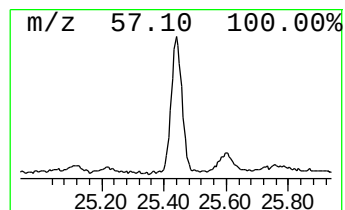
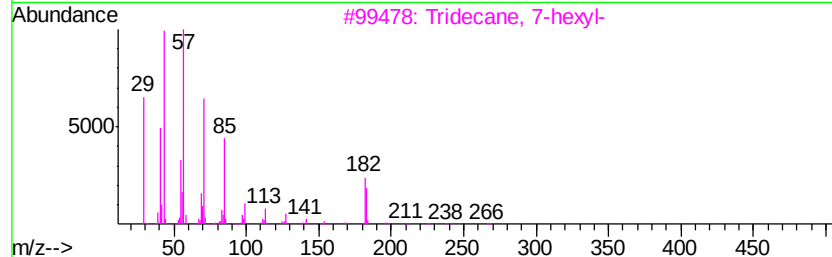
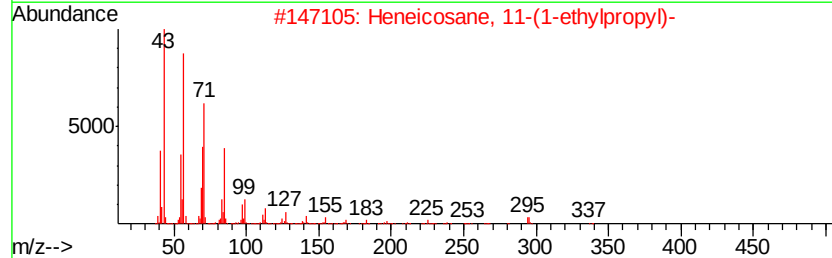
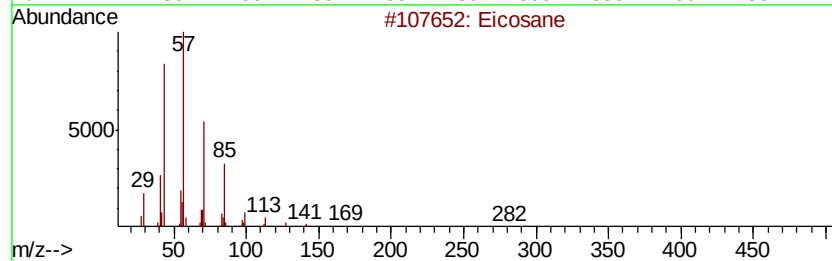
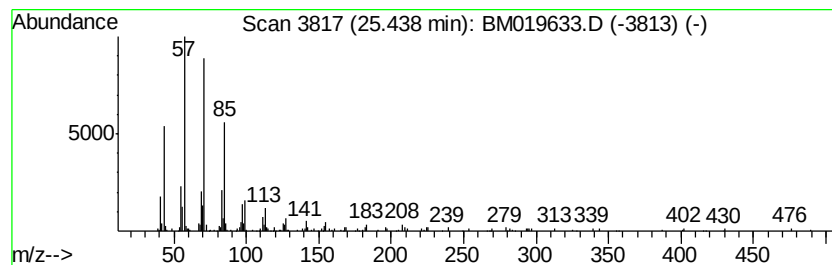
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Quant Title : SVOA CALIBRATION

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.
25.44	2.54 ng/ul	410404	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	81
4		Nonacosane	408	C29H60	000630-03-5	80
5		Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019633.D
Acq On : 30 Mar 2019 23:31
Operator : JU/SJ
Sample : K2068-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5K6

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	272041	4	16.99	1937960	20.0
(DEL) Alkane: Cyc...	20.90	3.5	ng/ul	515379	5	21.20	2919920	20.0
(DEL) Alkane: Str...	22.70	2.3	ng/ul	377185	6	23.40	3234230	20.0
(DEL) Alkane: Str...	23.87	3.5	ng/ul	564071	6	23.40	3234230	20.0
(DEL) Alkane: Str...	24.60	3.0	ng/ul	484716	6	23.40	3234230	20.0
(DEL) Alkane: Str...	25.44	2.5	ng/ul	410404	6	23.40	3234230	20.0