

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
 Data File : BM019556.D
 Acq On : 29 Mar 2019 00:25
 Operator : JU/SJ
 Sample : K2065-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5J5

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	3.075	13	15	17	rVB3	5127	3406	0.12%	0.012%
2	3.128	21	24	33	rBV	24925	39273	1.38%	0.139%
3	3.728	122	126	135	rVB3	11424	19969	0.70%	0.071%
4	4.722	292	295	299	rBV	12388	17130	0.60%	0.061%
5	4.763	299	302	310	rVB3	8868	18060	0.64%	0.064%
6	6.763	637	642	661	rBV	191728	432352	15.22%	1.534%
7	6.934	665	671	690	rBV	165241	339433	11.95%	1.204%
8	7.116	696	702	720	rVB	251177	453012	15.95%	1.607%
9	7.581	775	781	792	rBV	407288	685535	24.13%	2.432%
10	7.651	792	793	801	rVB4	7002	7280	0.26%	0.026%
11	7.798	816	818	824	rVB2	1549	2843	0.10%	0.010%
12	8.298	897	903	923	rBV	271363	549883	19.36%	1.951%
13	8.522	938	941	946	rVB4	1819	3249	0.11%	0.012%
14	8.751	974	980	997	rBV	217209	411006	14.47%	1.458%
15	9.081	1032	1036	1040	rVB	6155	9275	0.33%	0.033%
16	9.469	1095	1102	1114	rBV	192762	365128	12.85%	1.295%
17	9.998	1186	1192	1210	rBV	231742	523056	18.41%	1.856%
18	10.151	1216	1218	1223	rVB2	2559	3054	0.11%	0.011%
19	10.363	1247	1254	1269	rBV	652924	1127090	39.68%	3.999%
20	10.534	1276	1283	1298	rBV	192617	510488	17.97%	1.811%
21	13.663	1808	1815	1820	rBV	666297	957410	33.70%	3.397%
22	13.710	1820	1823	1834	rVB	103115	166935	5.88%	0.592%
23	13.933	1854	1861	1878	rBV	696941	1074856	37.84%	3.813%
24	14.239	1907	1913	1931	rBV2	980349	1523904	53.65%	5.406%
25	14.504	1952	1958	1968	rBV	75456	223970	7.88%	0.795%
26	14.669	1982	1986	1998	rVB3	41045	70191	2.47%	0.249%
27	15.010	2040	2044	2045	rBV2	2720	2867	0.10%	0.010%
28	15.080	2052	2056	2060	rBV	4890	6117	0.22%	0.022%
29	15.239	2076	2083	2098	rBV	915926	1414194	49.79%	5.017%
30	15.386	2103	2108	2120	rVV	198394	352308	12.40%	1.250%
31	15.486	2122	2125	2129	rVB3	11191	15251	0.54%	0.054%
32	15.651	2149	2153	2156	rVB2	2955	4398	0.15%	0.016%
33	15.945	2201	2203	2208	rBV4	3561	4954	0.17%	0.018%
34	16.021	2215	2216	2222	rBV2	3542	4301	0.15%	0.015%

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35	16.139	2233	2236	2239	rBV4	2900	3815	0.13%	0.014%
36	16.415	2279	2283	2284	rBV2	5805	5850	0.21%	0.021%
37	16.457	2288	2290	2294	rVB3	2560	2980	0.10%	0.011%
38	16.745	2334	2339	2343	rBV4	3761	6125	0.22%	0.022%
39	16.792	2343	2347	2349	rVB4	3597	4841	0.17%	0.017%
40	16.998	2376	2382	2393	rBV	1317536	1839862	64.77%	6.527%
41	17.098	2393	2399	2415	rVV	1059482	1600072	56.33%	5.677%
42	17.204	2415	2417	2421	rVB3	2071	2920	0.10%	0.010%
43	17.274	2426	2429	2431	rVV4	2178	2900	0.10%	0.010%
44	17.386	2442	2448	2451	rVV5	7113	11859	0.42%	0.042%
45	17.445	2454	2458	2459	rBV3	3230	3205	0.11%	0.011%
46	17.480	2462	2464	2467	rVB4	3318	4080	0.14%	0.014%
47	17.610	2483	2486	2489	rBV2	2382	3003	0.11%	0.011%
48	17.892	2529	2534	2543	rBV	132645	230729	8.12%	0.819%
49	18.068	2560	2564	2566	rVB4	2918	3499	0.12%	0.012%
50	18.180	2577	2583	2588	rVB7	8905	16091	0.57%	0.057%
51	18.633	2658	2660	2666	rBV4	3223	4297	0.15%	0.015%
52	18.692	2668	2670	2673	rVB3	3536	3423	0.12%	0.012%
53	18.762	2678	2682	2687	rVV5	5775	9015	0.32%	0.032%
54	18.815	2689	2691	2696	rVB4	8819	10101	0.36%	0.036%
55	19.045	2725	2730	2736	rBV2	17774	38960	1.37%	0.138%
56	19.180	2749	2753	2763	rBV	80288	139148	4.90%	0.494%
57	19.298	2770	2773	2777	rBV	9556	9198	0.32%	0.033%
58	19.404	2786	2791	2800	rBV	1379937	1866829	65.72%	6.623%
59	19.745	2845	2849	2852	rBV	83300	93665	3.30%	0.332%
60	19.780	2852	2855	2860	rVB	92863	106136	3.74%	0.377%
61	19.915	2875	2878	2879	rBV2	10369	9789	0.34%	0.035%
62	19.939	2879	2882	2886	rVB2	30941	37765	1.33%	0.134%
63	20.439	2963	2967	2972	rBV2	55294	65904	2.32%	0.234%
64	20.480	2972	2974	2978	rBV5	10737	15510	0.55%	0.055%
65	20.721	3012	3015	3018	rBV2	57793	63201	2.22%	0.224%
66	20.750	3018	3020	3025	rVB	72227	76947	2.71%	0.273%
67	20.903	3042	3046	3053	rBV	305643	368185	12.96%	1.306%
68	21.203	3092	3097	3106	rBV	1934864	2476712	87.19%	8.787%
69	21.339	3117	3120	3127	rVB	136881	155298	5.47%	0.551%
70	21.768	3189	3193	3201	rBV	168781	214530	7.55%	0.761%
71	22.215	3265	3269	3276	rVB	251982	346079	12.18%	1.228%

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72	22.709	3349	3353	3359	rVB	308475	394262	13.88%	1.399%
73	23.268	3441	3448	3461	rBV2	1518583	2826727	99.51%	10.029%
74	23.409	3465	3472	3488	rVB	1545688	2840573	100.00%	10.078%
75	23.886	3548	3553	3561	rVB	272065	491989	17.32%	1.745%
76	24.609	3671	3676	3685	rVB	222994	438486	15.44%	1.556%

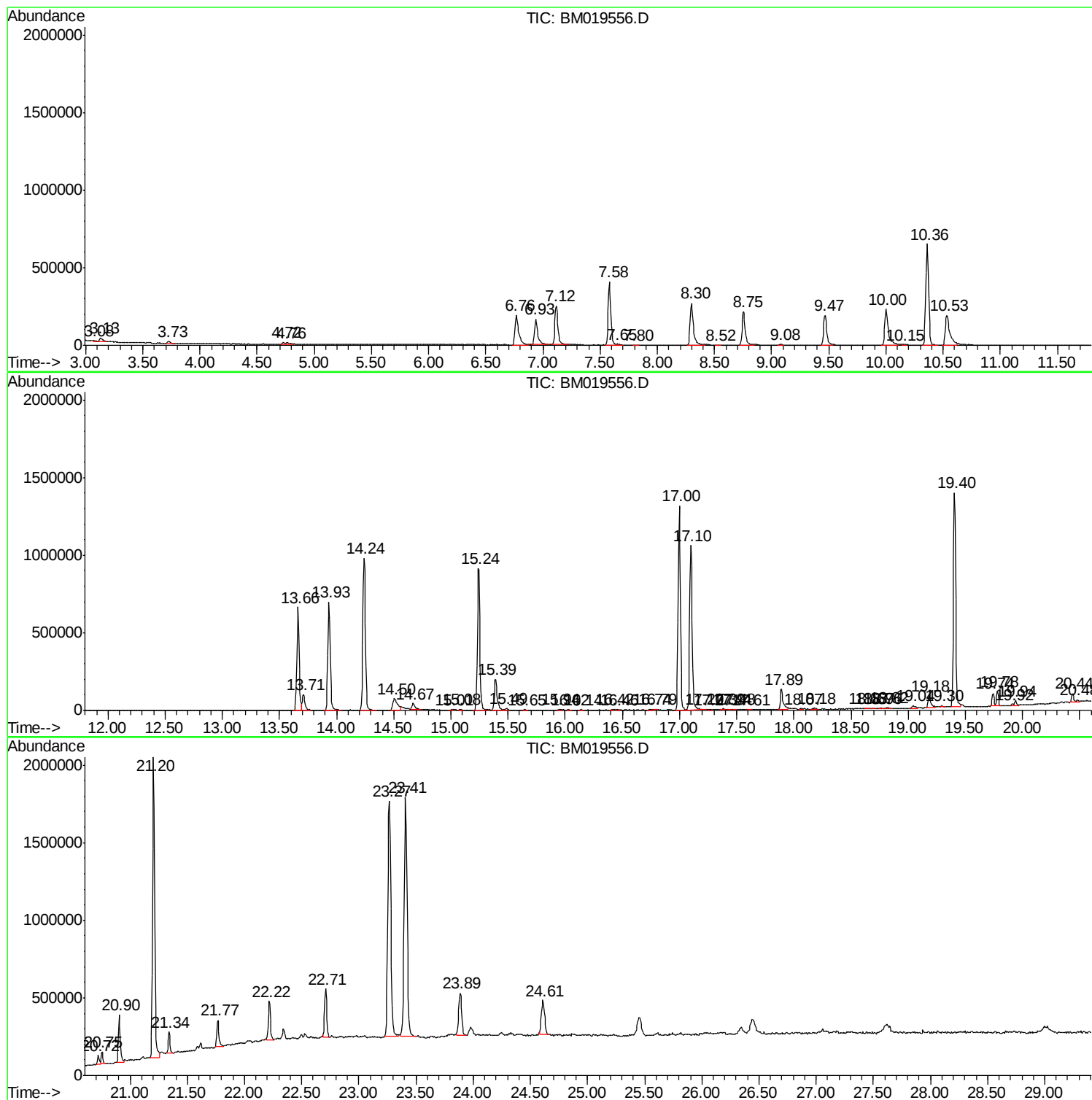
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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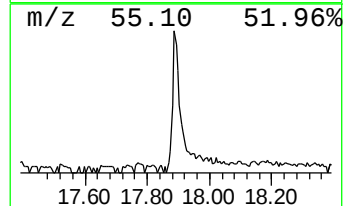
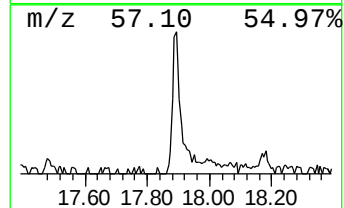
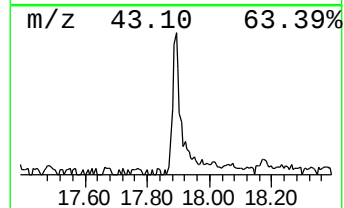
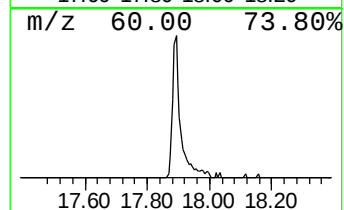
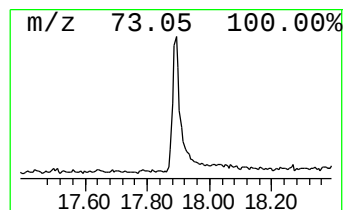
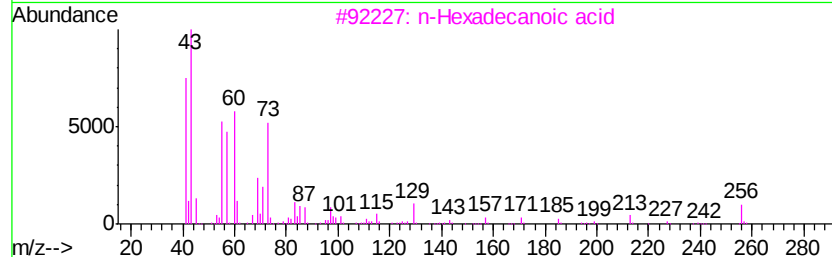
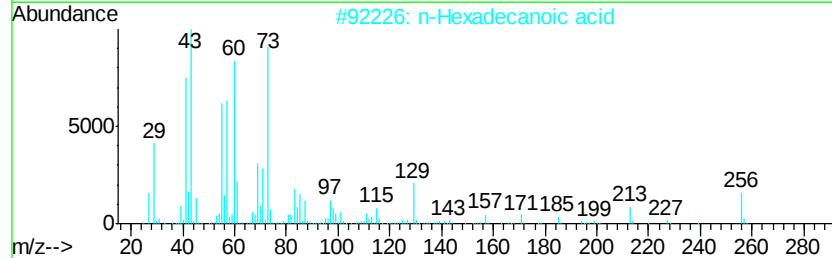
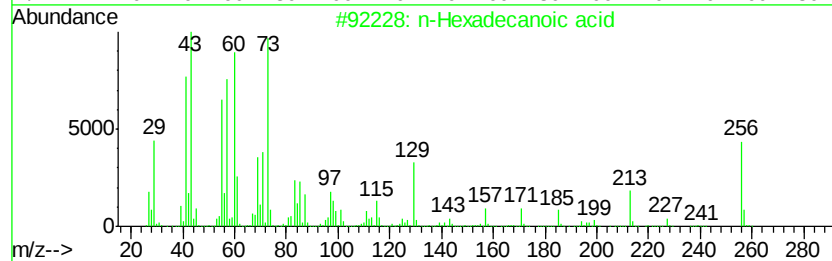
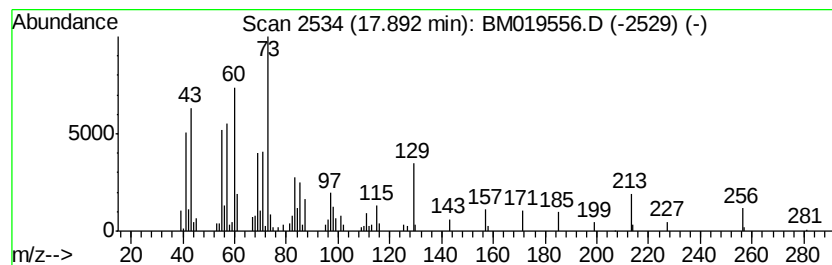
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	2.51 ng/ul	230729	Phenanthrene-d10		17.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	74
5	n-Decanoic acid		172	C10H20O2	000334-48-5	53



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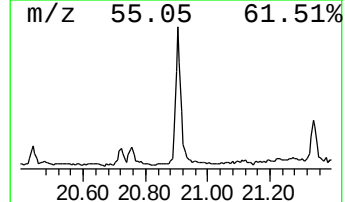
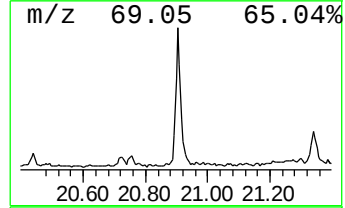
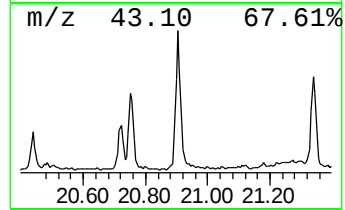
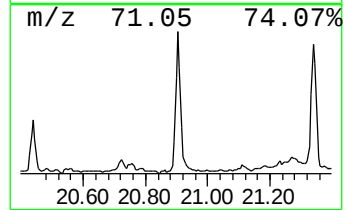
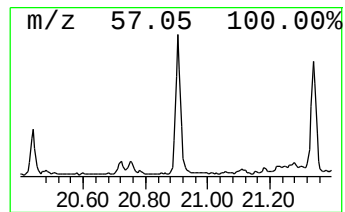
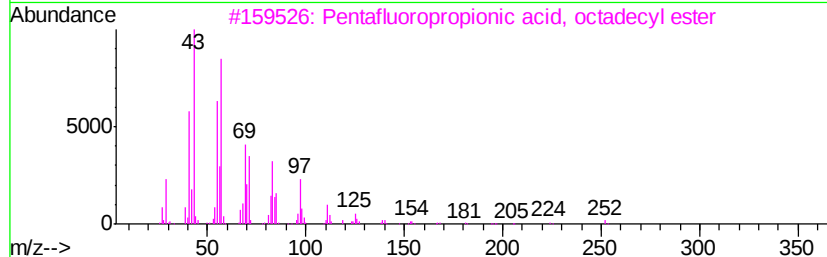
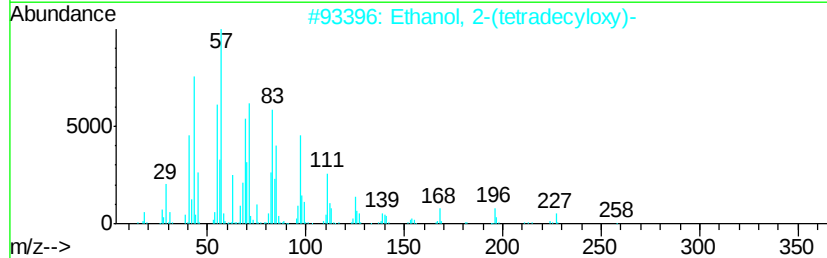
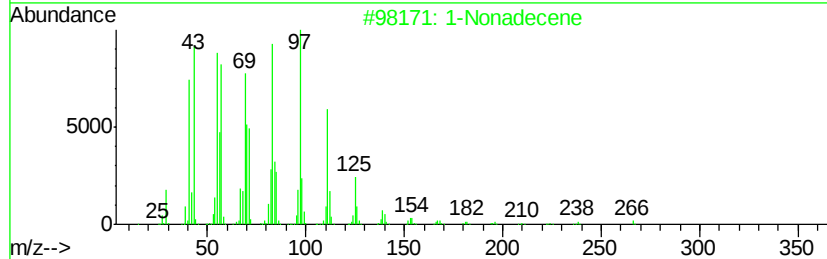
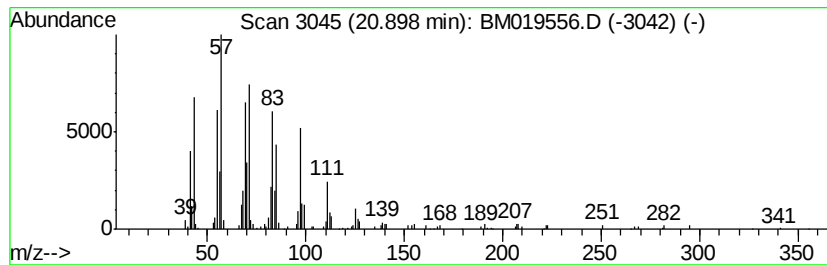
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.97 ng/ul	368185	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene		266 C19H38	018435-45-5 92
2	Ethanol, 2-(tetradecyloxy)-		258 C16H34O2	002136-70-1 91
3	Pentafluoropropionic acid, octad...		416 C21H37F5O2	1000280-07-7 83
4	Pentafluoropropionic acid, hepta...		402 C20H35F5O2	1000283-04-2 70
5	1-Octadecanol		270 C18H38O	000112-92-5 60



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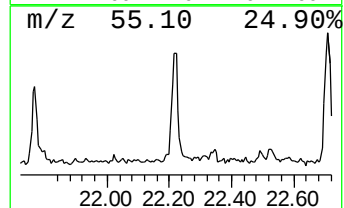
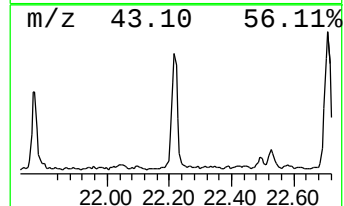
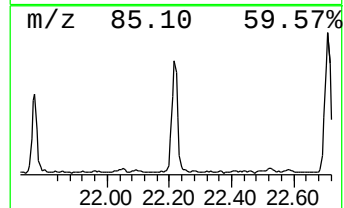
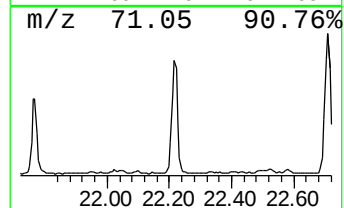
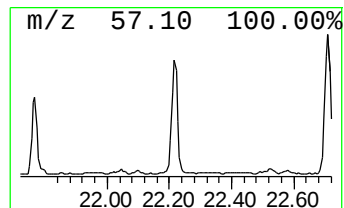
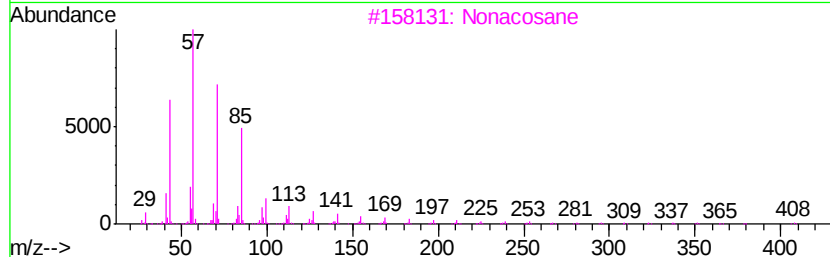
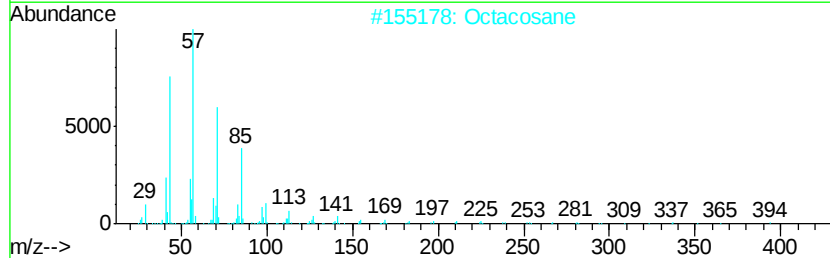
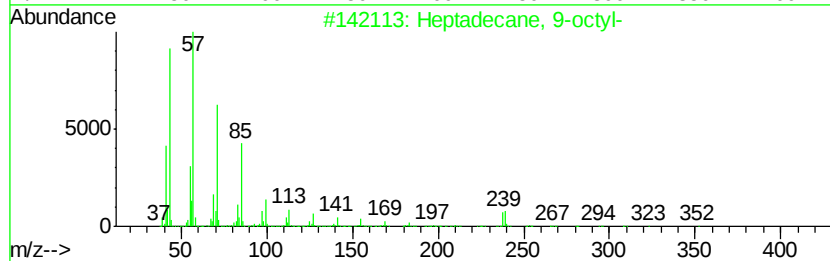
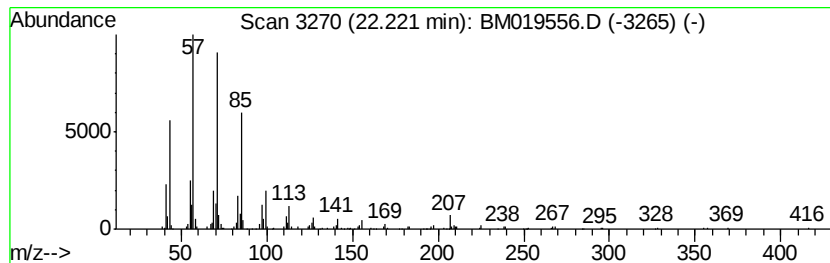
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.79 ng/ul	346079	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



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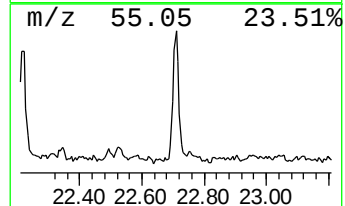
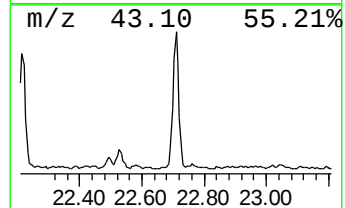
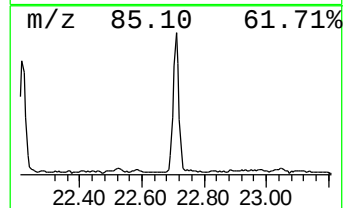
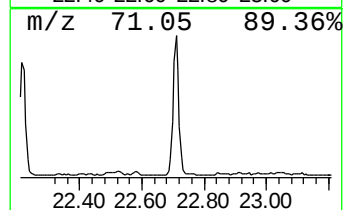
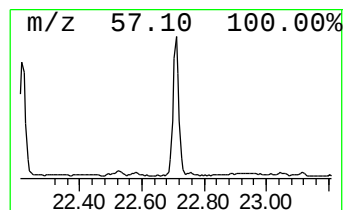
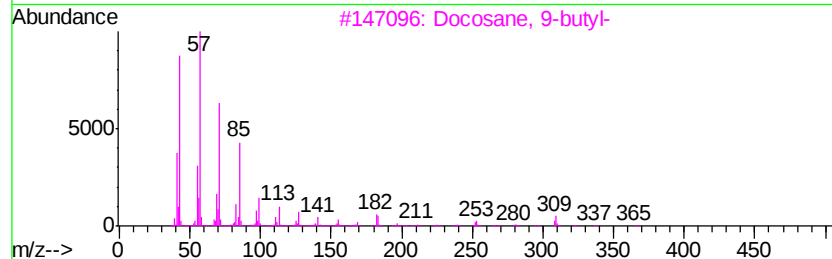
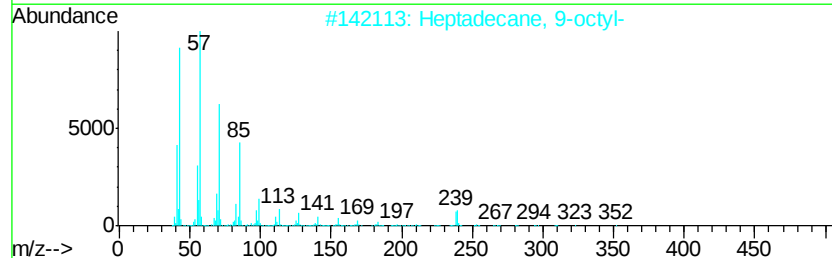
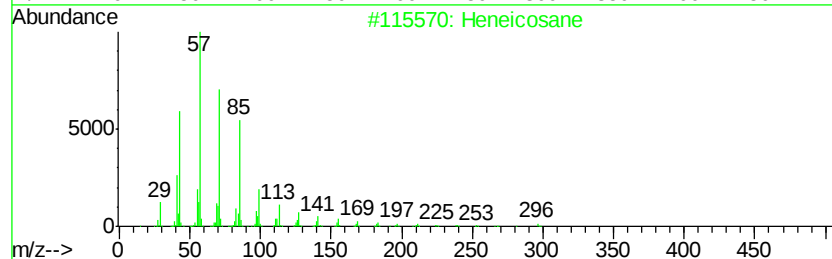
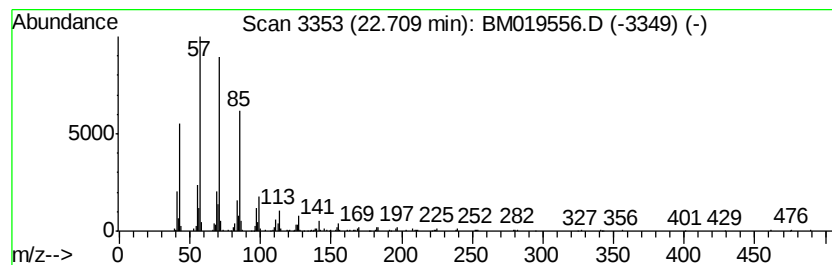
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	2.78 ng/ul	394262	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019556.D
Acq On : 29 Mar 2019 00:25
Operator : JU/SJ
Sample : K2065-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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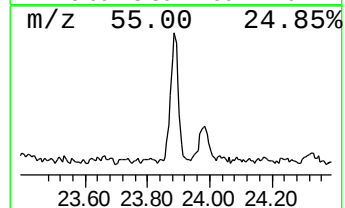
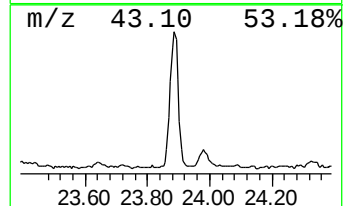
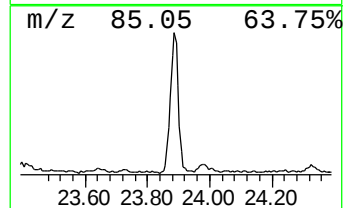
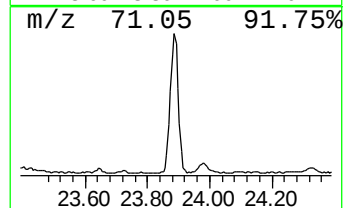
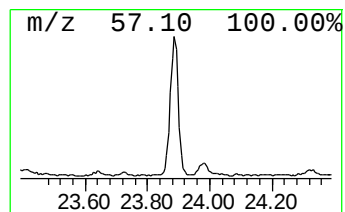
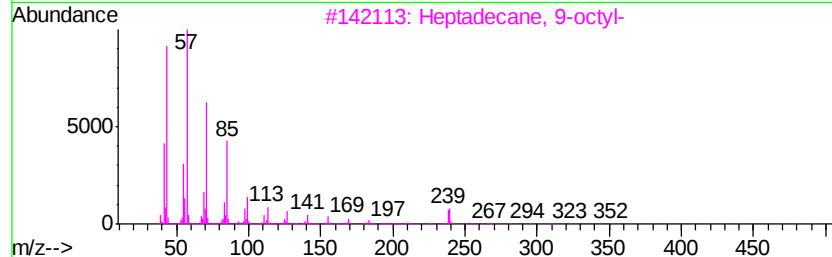
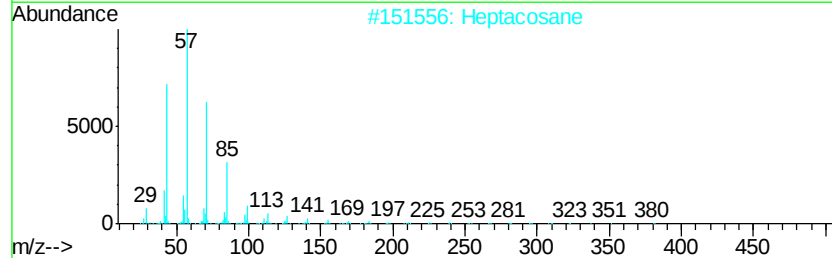
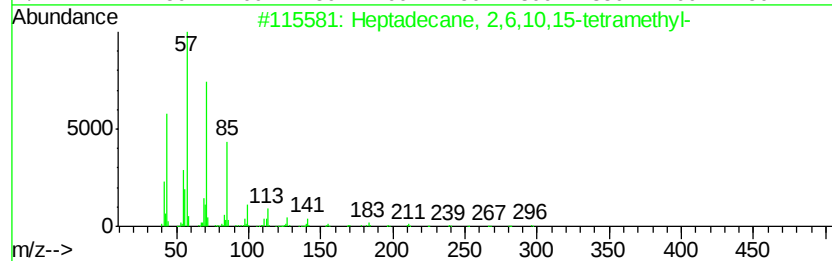
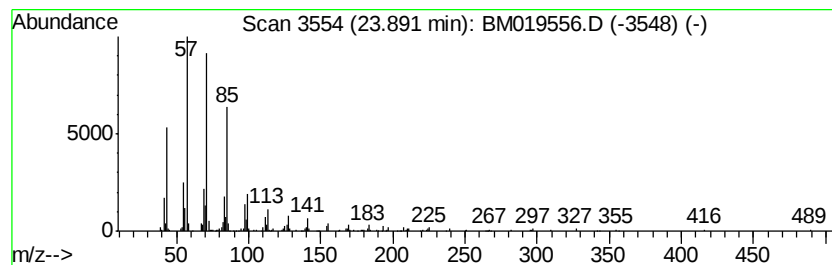
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	3.46 ng/ul	491989	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heptacosane	380	C27H56	000593-49-7	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019556.D
Acq On : 29 Mar 2019 00:25
Operator : JU/SJ
Sample : K2065-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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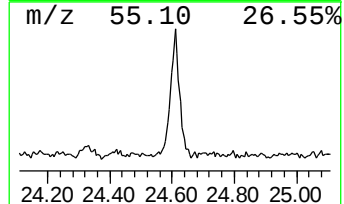
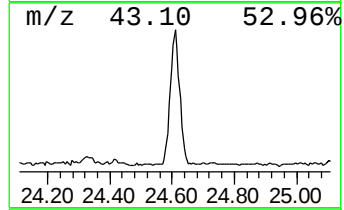
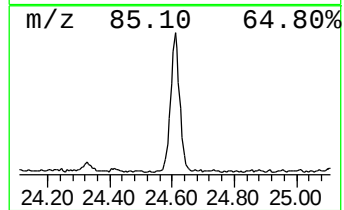
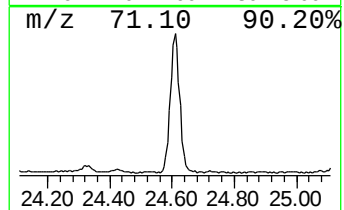
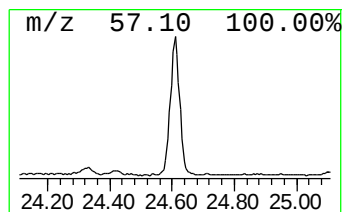
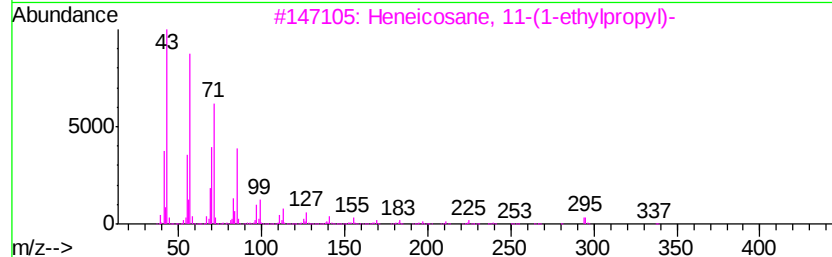
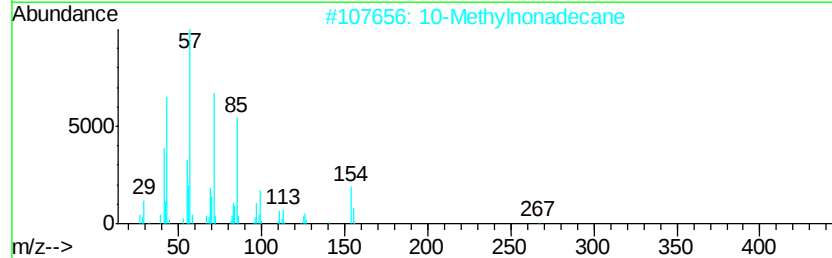
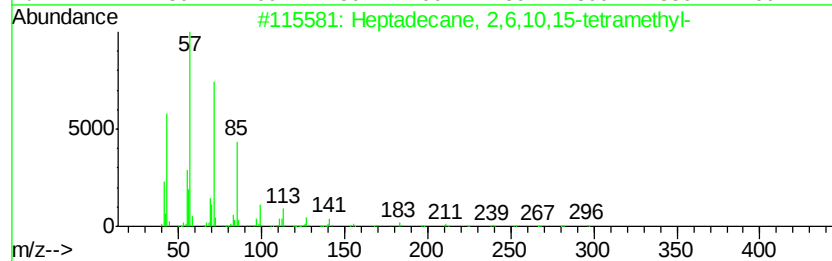
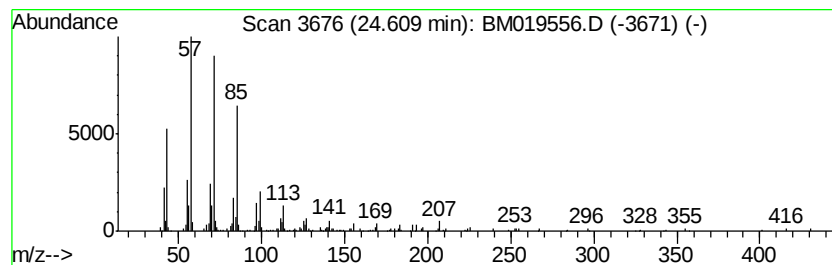
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	3.09 ng/ul	438486	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		10-Methylnonadecane	282	C20H42	056862-62-5	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Nonacosane	408	C29H60	000630-03-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019556.D
Acq On : 29 Mar 2019 00:25
Operator : JU/SJ
Sample : K2065-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5J5

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	2.5	ng/ul	230729	4	17.00	1839860	20.0
(DEL) Alkane: Cyc...	20.90	3.0	ng/ul	368185	5	21.20	2476710	20.0
(DEL) Alkane: Str...	22.22	2.8	ng/ul	346079	5	21.20	2476710	20.0
(DEL) Alkane: Str...	22.71	2.8	ng/ul	394262	6	23.41	2840570	20.0
(DEL) Alkane: Str...	23.89	3.5	ng/ul	491989	6	23.41	2840570	20.0
(DEL) Alkane: Str...	24.61	3.1	ng/ul	438486	6	23.41	2840570	20.0