

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022287.D
 Acq On : 24 Aug 2019 10:55
 Operator : HP/JU
 Sample : K4242-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

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-BM082219MA.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	3.105	18	20	23	rVV2	1056	873	0.11%	0.010%
2	3.134	23	25	31	rVB2	3143	4974	0.60%	0.056%
3	3.634	108	110	113	rVB3	963	1101	0.13%	0.012%
4	3.663	113	115	118	rBV3	844	947	0.11%	0.011%
5	3.722	124	125	129	rVB3	1382	1555	0.19%	0.018%
6	3.816	139	141	144	rVB	2041	2162	0.26%	0.024%
7	3.852	144	147	149	rBV2	1046	1325	0.16%	0.015%
8	4.110	188	191	195	rVB	649	1060	0.13%	0.012%
9	5.004	339	343	346	rVB2	603	1012	0.12%	0.011%
10	6.275	556	559	562	rBV	542	959	0.12%	0.011%
11	6.640	618	621	624	rBV	685	978	0.12%	0.011%
12	6.746	632	639	650	rBV	77356	142786	17.20%	1.617%
13	6.916	662	668	683	rVB	57883	103221	12.44%	1.169%
14	7.093	692	698	709	rVB	97236	156245	18.83%	1.770%
15	7.551	770	776	786	rBV	141723	227532	27.42%	2.577%
16	7.857	825	828	830	rBV	551	846	0.10%	0.010%
17	8.040	857	859	864	rVB	650	1001	0.12%	0.011%
18	8.275	893	899	912	rBV2	106986	181165	21.83%	2.052%
19	8.728	970	976	990	rBV	90940	157662	19.00%	1.786%
20	9.434	1091	1096	1107	rBV	81057	135962	16.38%	1.540%
21	9.969	1181	1187	1206	rBV	103355	207015	24.94%	2.345%
22	10.328	1241	1248	1258	rBV	211951	339832	40.95%	3.849%
23	10.498	1272	1277	1295	rBV	71869	160035	19.28%	1.813%
24	10.781	1323	1325	1329	rBV	530	937	0.11%	0.011%
25	11.951	1521	1524	1527	rVB2	881	1211	0.15%	0.014%
26	13.633	1805	1810	1815	rBV	238398	345187	41.59%	3.910%
27	13.686	1815	1819	1829	rVB	53203	78740	9.49%	0.892%
28	13.904	1850	1856	1867	rBV	276323	399485	48.13%	4.525%
29	14.210	1902	1908	1920	rVB	353404	499795	60.22%	5.661%
30	14.486	1950	1955	1969	rBV2	32429	90854	10.95%	1.029%
31	14.898	2021	2025	2026	rBV	564	830	0.10%	0.009%
32	15.216	2073	2079	2089	rVB	338774	501609	60.44%	5.682%
33	15.380	2103	2107	2117	rBV	58388	91060	10.97%	1.031%
34	15.451	2117	2119	2123	rVB3	1427	1884	0.23%	0.021%

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35	15.568	2136	2139	2142	rVB	854	1017	0.12%	0.012%
36	15.598	2142	2144	2147	rBV	882	995	0.12%	0.011%
37	16.380	2275	2277	2281	rBV2	609	934	0.11%	0.011%
38	16.974	2372	2378	2385	rBV2	457089	641831	77.33%	7.270%
39	17.074	2389	2395	2404	rBV	395473	563591	67.91%	6.384%
40	17.339	2438	2440	2444	rVB2	774	1039	0.13%	0.012%
41	17.457	2457	2460	2464	rBV	924	1022	0.12%	0.012%
42	17.533	2471	2473	2477	rVB	919	971	0.12%	0.011%
43	17.739	2506	2508	2511	rBV2	1394	1706	0.21%	0.019%
44	17.868	2525	2530	2539	rBV2	61011	82705	9.97%	0.937%
45	17.945	2541	2543	2548	rVV3	2347	3296	0.40%	0.037%
46	18.015	2552	2555	2560	rVB2	1363	1825	0.22%	0.021%
47	18.086	2563	2567	2571	rBV2	1022	1412	0.17%	0.016%
48	18.245	2593	2594	2598	rBV3	670	830	0.10%	0.009%
49	18.380	2614	2617	2618	rBV2	1240	983	0.12%	0.011%
50	18.480	2631	2634	2636	rBV	1154	1265	0.15%	0.014%
51	18.574	2648	2650	2651	rBV	1508	887	0.11%	0.010%
52	18.668	2665	2666	2668	rBV2	1107	1060	0.13%	0.012%
53	18.786	2684	2686	2689	rVB2	1748	1570	0.19%	0.018%
54	18.809	2689	2690	2692	rBV	1327	1255	0.15%	0.014%
55	19.015	2721	2725	2727	rBV	3933	4770	0.57%	0.054%
56	19.039	2727	2729	2731	rVB2	2019	1516	0.18%	0.017%
57	19.092	2736	2738	2741	rBV2	889	882	0.11%	0.010%
58	19.127	2741	2744	2745	rVB3	1305	1124	0.14%	0.013%
59	19.156	2745	2749	2755	rBV5	17075	23613	2.85%	0.267%
60	19.268	2765	2768	2772	rVB4	2234	3200	0.39%	0.036%
61	19.315	2775	2776	2778	rBV2	1713	1128	0.14%	0.013%
62	19.380	2781	2787	2793	rBV	573418	743482	89.58%	8.422%
63	19.456	2798	2800	2803	rVB4	2553	2325	0.28%	0.026%
64	19.492	2803	2806	2807	rBV3	2098	2139	0.26%	0.024%
65	20.886	3039	3043	3052	rBV2	82602	128596	15.49%	1.457%
66	21.186	3089	3094	3101	rBV	690633	829948	100.00%	9.401%
67	21.768	3191	3193	3197	rBV4	13943	17329	2.09%	0.196%
68	22.192	3262	3265	3270	rVB	46138	54922	6.62%	0.622%
69	22.315	3281	3286	3290	rBV	276989	340541	41.03%	3.857%
70	22.680	3344	3348	3354	rVB	54633	76270	9.19%	0.864%
71	23.233	3436	3442	3450	rVB	370132	691453	83.31%	7.832%

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72	23.374	3460	3466	3473	rBV	357383	658794	79.38%	7.462%
73	23.833	3541	3544	3550	rVB	59775	94194	11.35%	1.067%

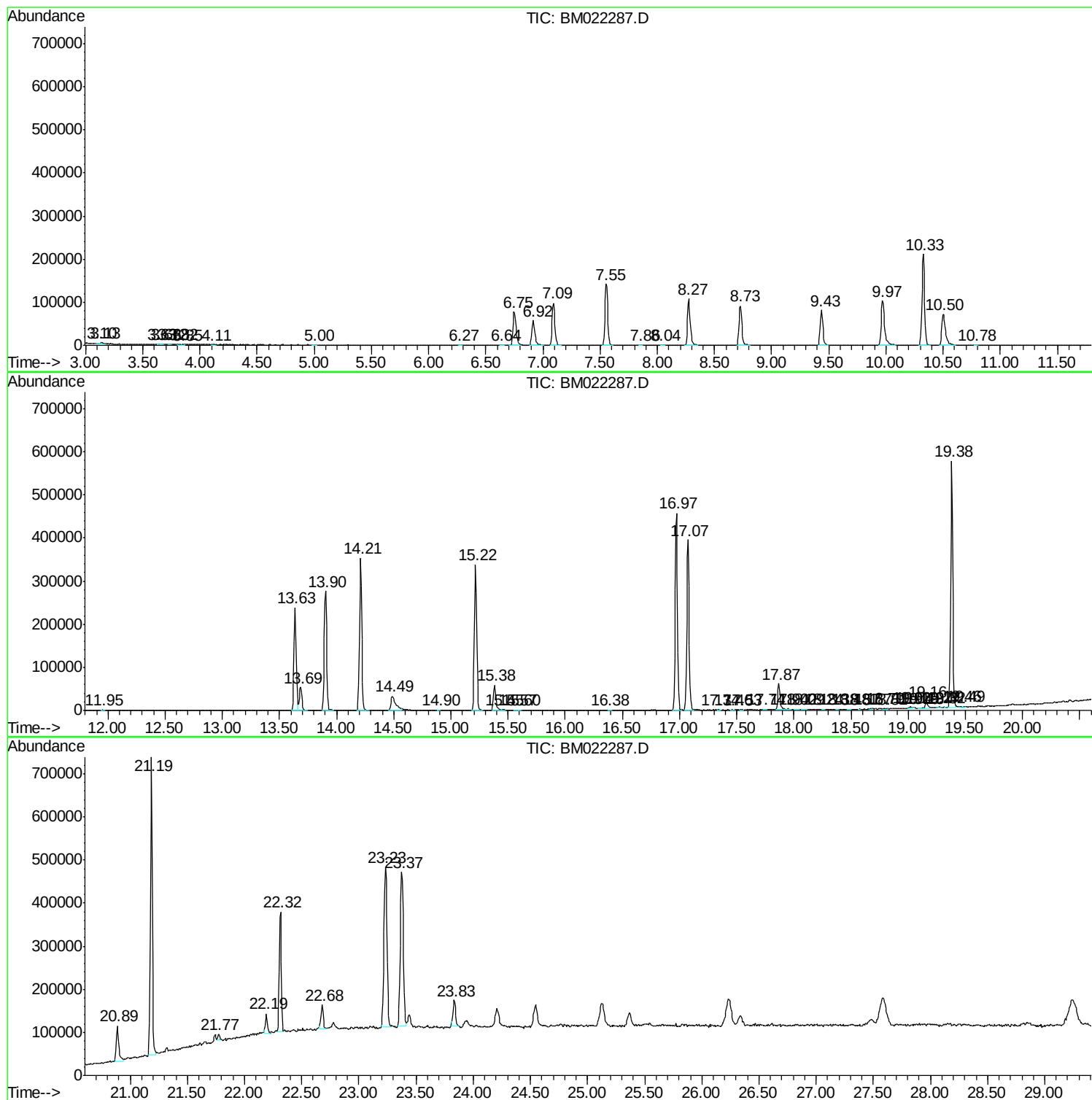
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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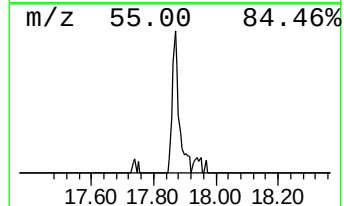
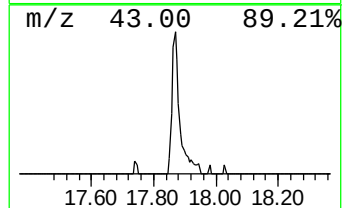
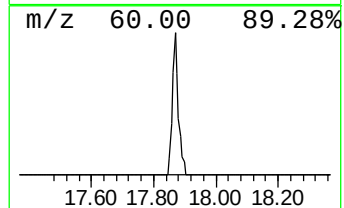
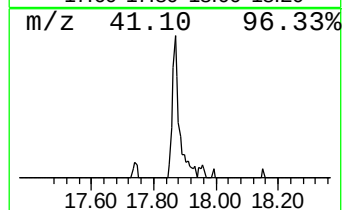
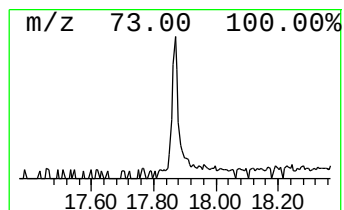
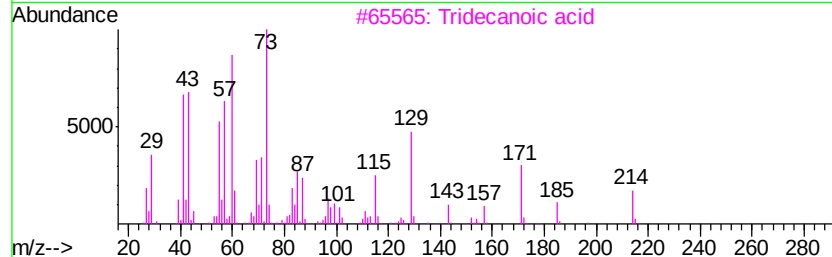
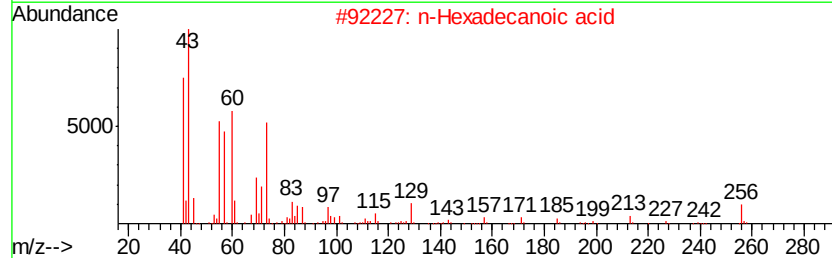
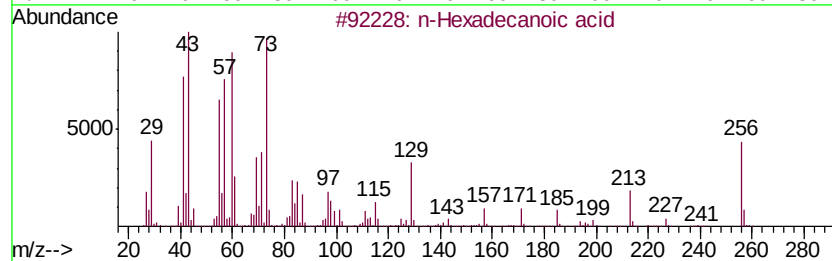
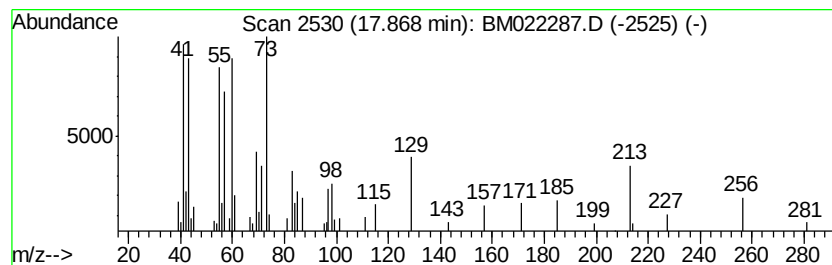
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.58 ng/ul	82705	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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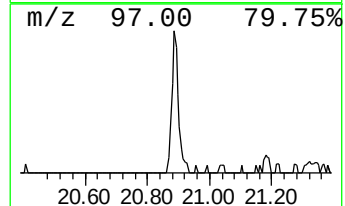
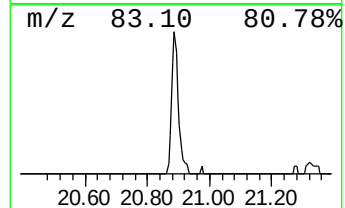
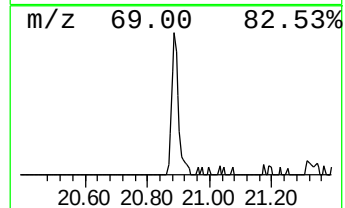
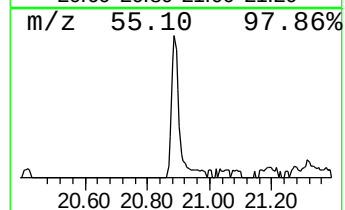
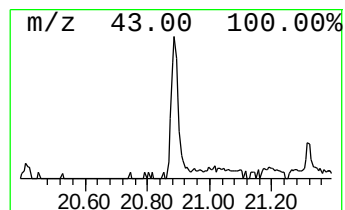
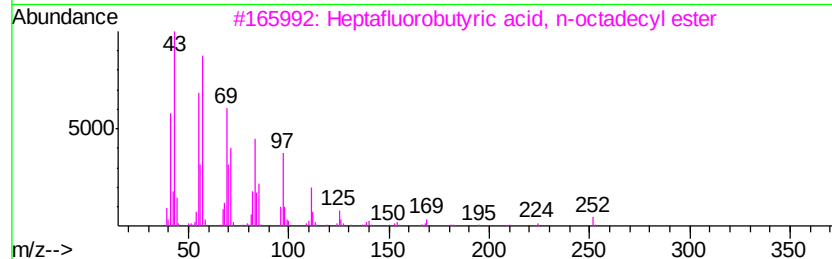
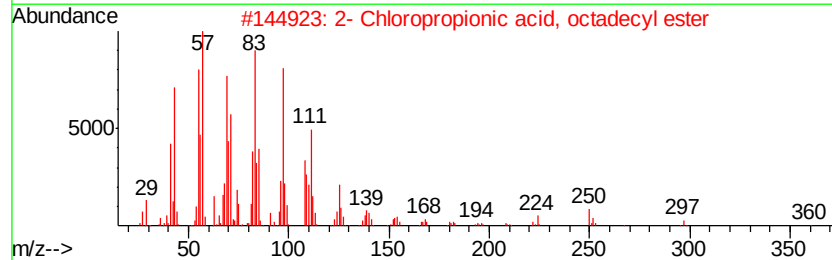
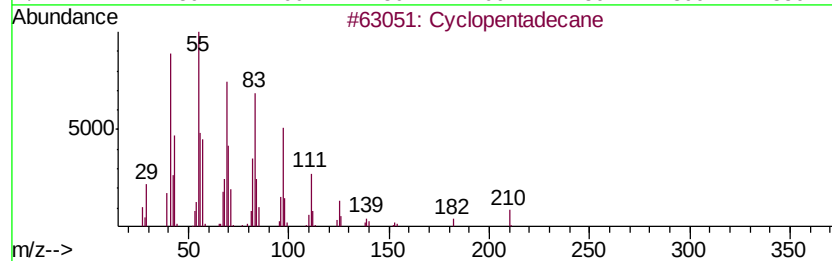
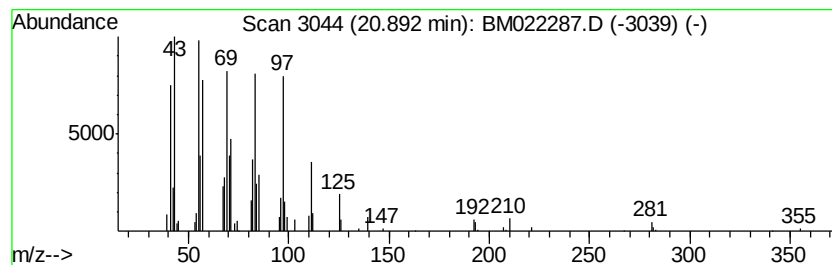
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.10 ng/ul	128596	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentadecane	210 C15H30	000295-48-7 96
2		2- Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8 91
3		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 91
4		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 91
5		Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1 91



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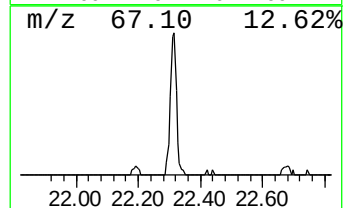
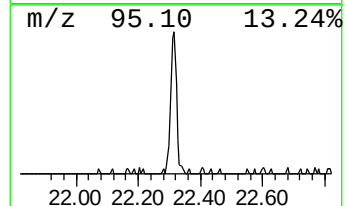
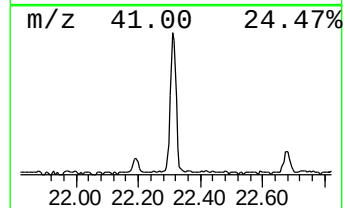
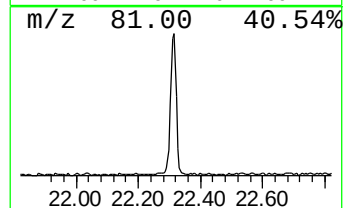
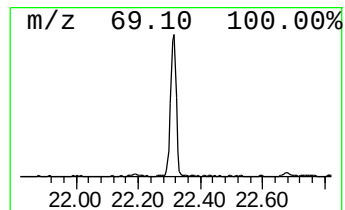
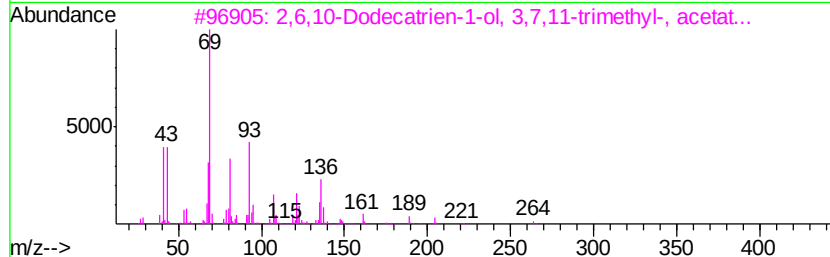
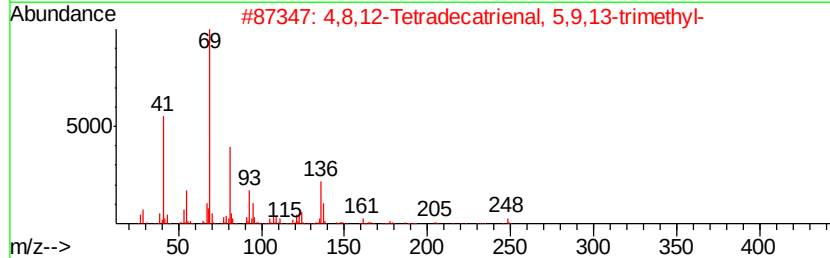
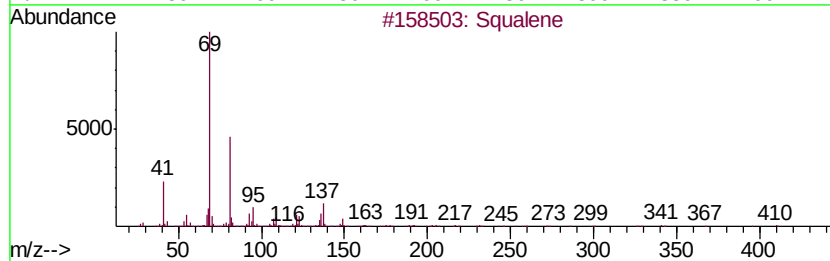
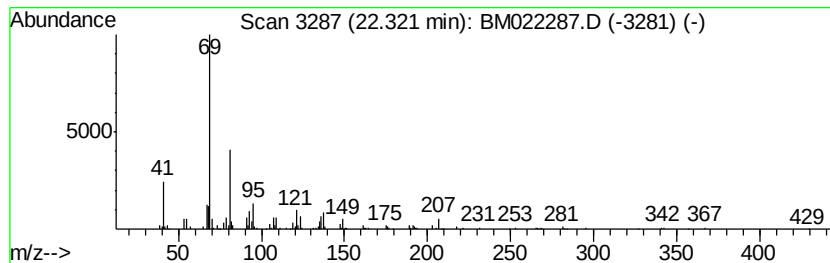
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	10.34 ng/ul	340541	Perylene-d12	23.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	91
2	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	72
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264 C17H28O2	004128-17-0	72
4	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	72
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203 C12H17N3	003974-79-6	64



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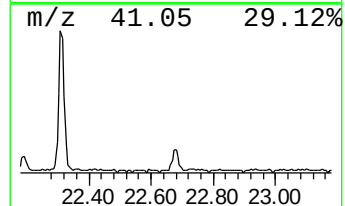
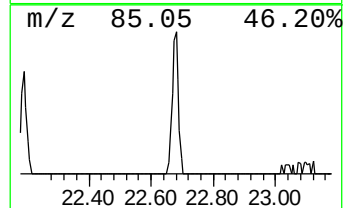
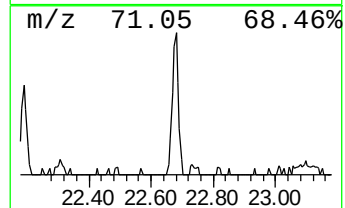
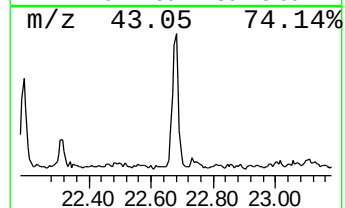
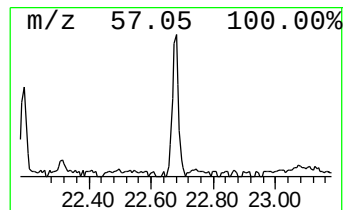
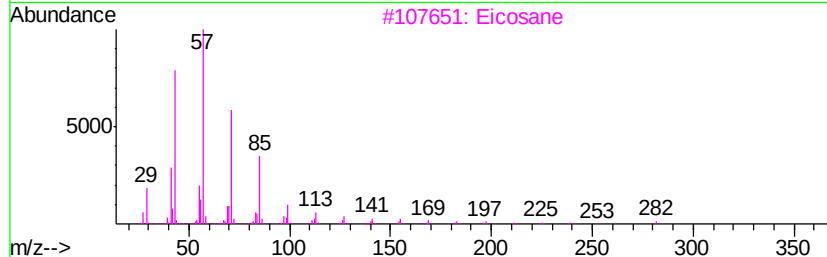
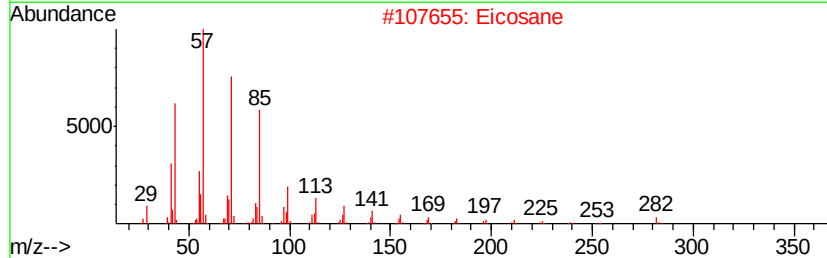
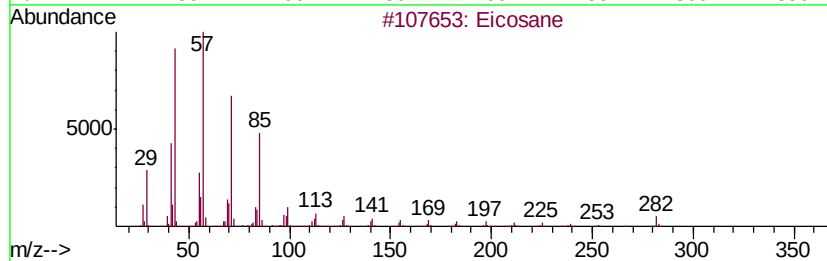
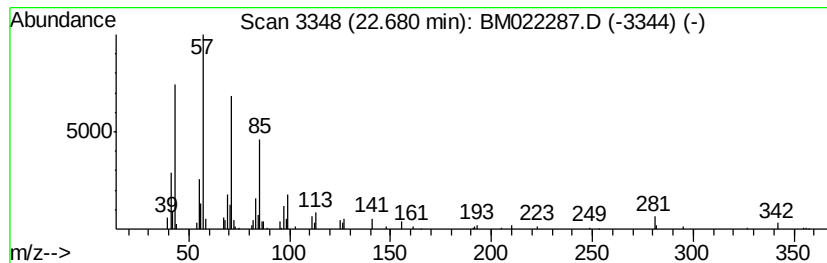
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	2.32 ng/ul	76270	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane	282	C20H42	000112-95-8	95
3		Eicosane	282	C20H42	000112-95-8	93
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022287.D
Acq On : 24 Aug 2019 10:55
Operator : HP/JU
Sample : K4242-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ3

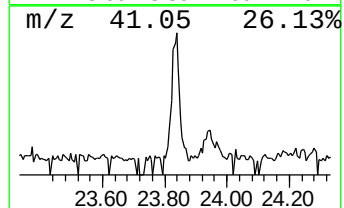
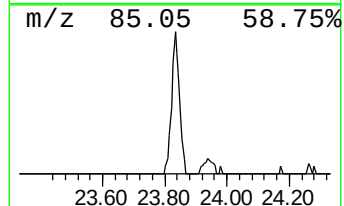
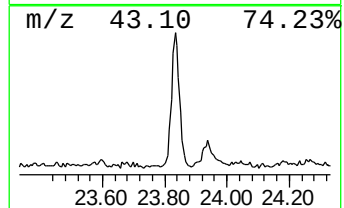
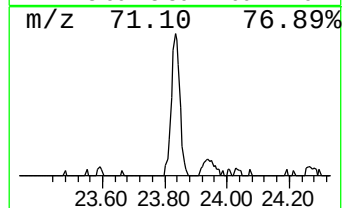
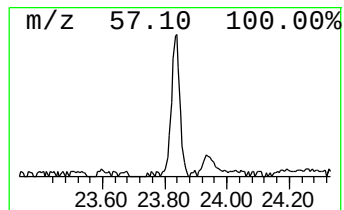
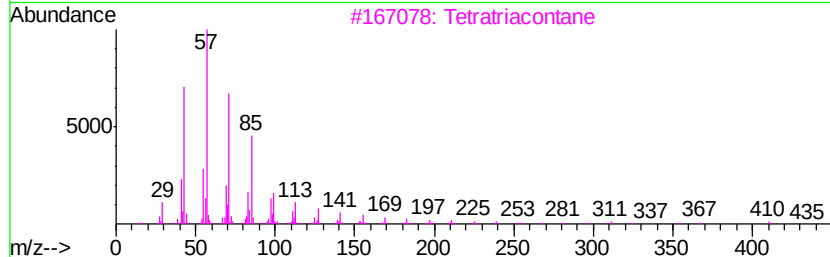
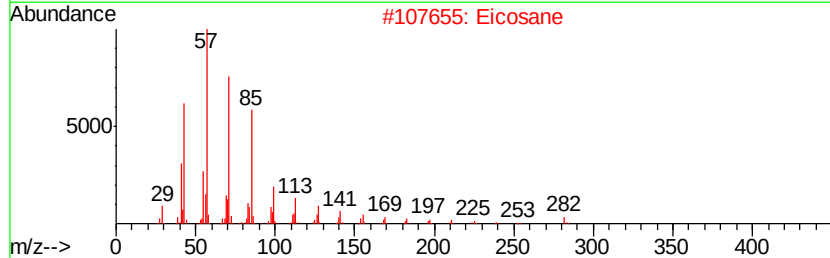
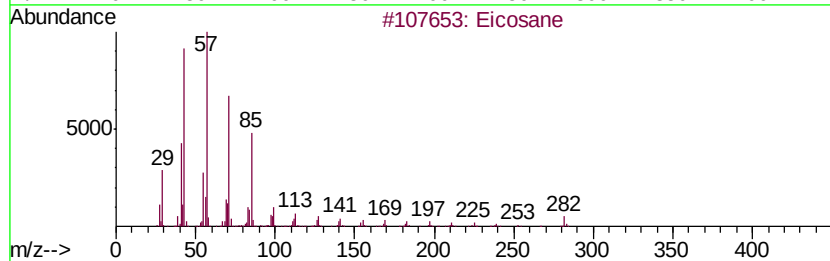
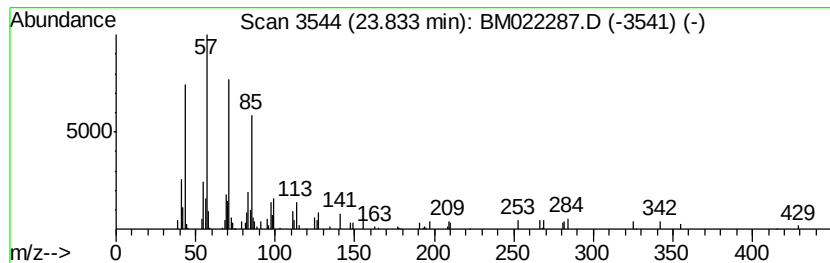
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Quant Title : SVOA CALIBRATION

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.
23.83	2.86 ng/ul	94194	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Eicosane	282	C20H42	000112-95-8	97
3		Tetratriacontane	479	C34H70	014167-59-0	81
4		Hentriacontane	437	C31H64	000630-04-6	74
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022287.D
Acq On : 24 Aug 2019 10:55
Operator : HP/JU
Sample : K4242-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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	17.87	2.6	ng/ul	82705	4	16.97	641831	20.0
(DEL) Alkane: Cyc...	20.89	3.1	ng/ul	128596	5	21.19	829948	20.0
Squalene	22.32	10.3	ng/ul	340541	6	23.37	658794	20.0
(DEL) Alkane: Str...	22.68	2.3	ng/ul	76270	6	23.37	658794	20.0
(DEL) Alkane: Str...	23.83	2.9	ng/ul	94194	6	23.37	658794	20.0