

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
 Data File : BM020394.D
 Acq On : 18 May 2019 09:59
 Operator : JU/SJ
 Sample : K2633-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJ95

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-BM051619MA.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	6.898	659	665	679	rVB	206742	386624	23.82%	2.571%
2	7.075	689	695	706	rBV	157470	276783	17.05%	1.840%
3	7.257	721	726	735	rBV	237920	385560	23.75%	2.564%
4	7.728	801	806	817	rVB	239019	385921	23.78%	2.566%
5	8.434	920	926	942	rVB	235750	412127	25.39%	2.740%
6	8.898	998	1005	1016	rBV	203193	350833	21.61%	2.333%
7	9.239	1060	1063	1068	rVB2	2969	3857	0.24%	0.026%
8	9.610	1120	1126	1139	rVB	156276	281825	17.36%	1.874%
9	10.145	1210	1217	1228	rBV	234903	439155	27.06%	2.920%
10	10.522	1274	1281	1288	rBV	294910	497050	30.62%	3.305%
11	10.669	1300	1306	1321	rBV	177999	370821	22.85%	2.466%
12	12.122	1549	1553	1558	rBV2	2264	3476	0.21%	0.023%
13	13.792	1831	1837	1841	rBV	490944	637944	39.30%	4.242%
14	13.839	1841	1845	1853	rVB	143217	202120	12.45%	1.344%
15	14.074	1878	1885	1896	rBV	532906	784680	48.34%	5.217%
16	14.380	1930	1937	1946	rBV2	438021	656691	40.46%	4.366%
17	14.598	1968	1974	1987	rBV2	62134	156034	9.61%	1.037%
18	14.998	2037	2042	2046	rVB	1169	1782	0.11%	0.012%
19	15.374	2100	2106	2120	rBV	672984	957233	58.97%	6.365%
20	15.504	2123	2128	2140	rVB	139127	189702	11.69%	1.261%
21	15.616	2143	2147	2151	rVB3	4159	5854	0.36%	0.039%
22	16.163	2237	2240	2243	rBV	1874	2029	0.13%	0.013%
23	16.915	2365	2368	2372	rVB2	1748	2301	0.14%	0.015%
24	17.133	2398	2405	2415	rBV2	529531	795287	49.00%	5.288%
25	17.227	2415	2421	2437	rVB	690263	1022434	62.99%	6.798%
26	18.015	2550	2555	2562	rBV2	62846	96245	5.93%	0.640%
27	18.309	2601	2605	2608	rBV5	2056	2792	0.17%	0.019%
28	18.868	2697	2700	2701	rBV3	1968	2023	0.12%	0.013%
29	18.909	2706	2707	2710	rVB3	2617	2083	0.13%	0.014%
30	18.939	2710	2712	2715	rBV3	4076	5373	0.33%	0.036%
31	19.162	2746	2750	2753	rBV2	8657	14571	0.90%	0.097%
32	19.245	2761	2764	2765	rBV3	2223	1782	0.11%	0.012%
33	19.298	2769	2773	2777	rBV3	17385	24218	1.49%	0.161%
34	19.421	2790	2794	2796	rBV	5411	6074	0.37%	0.040%

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35	19.527	2806	2812	2823	rBV	973342	1316765	81.12%	8.755%
36	20.256	2934	2936	2939	rBV4	4932	5139	0.32%	0.034%
37	21.021	3062	3066	3075	rBV2	124645	218512	13.46%	1.453%
38	21.321	3112	3117	3129	rVB	762170	1003816	61.84%	6.674%
39	22.356	3290	3293	3298	rVB2	75305	89108	5.49%	0.592%
40	22.486	3312	3315	3319	rVB	69784	87631	5.40%	0.583%
41	22.868	3377	3380	3385	rVB	87529	112173	6.91%	0.746%
42	23.444	3471	3478	3489	rBV	856401	1623143	100.00%	10.792%
43	23.591	3497	3503	3511	rVB	538783	1056306	65.08%	7.023%
44	24.097	3585	3589	3596	rVB2	84645	163813	10.09%	1.089%

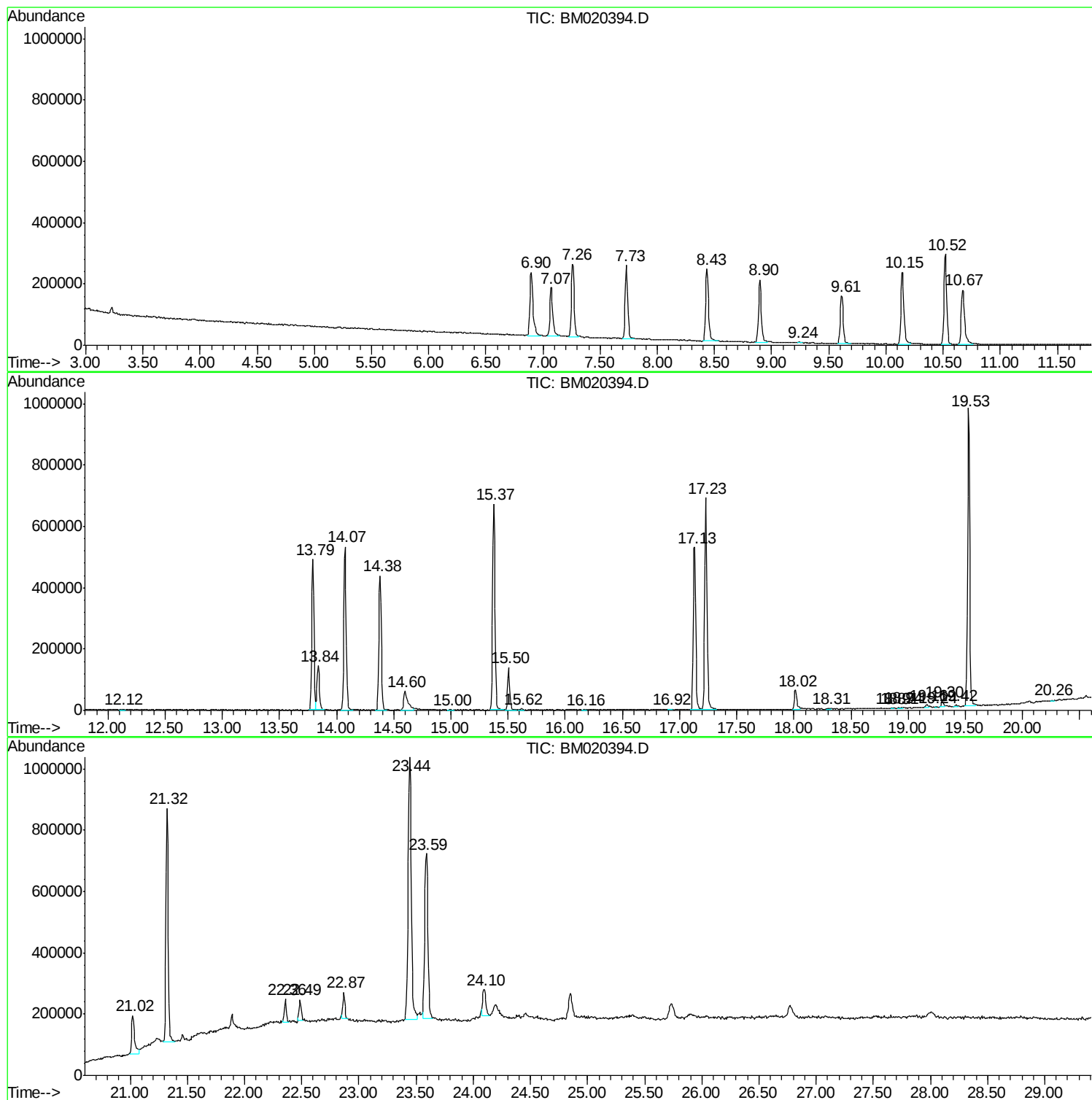
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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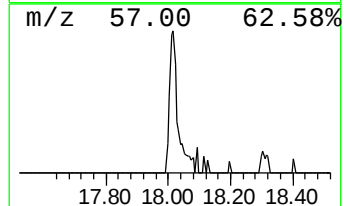
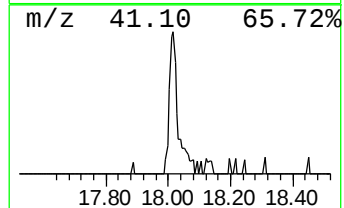
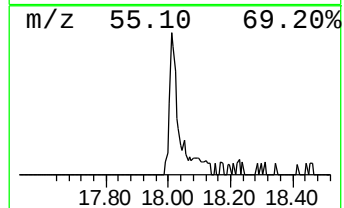
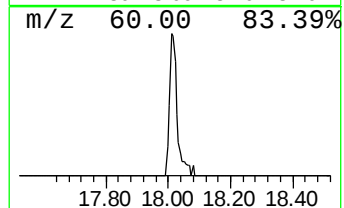
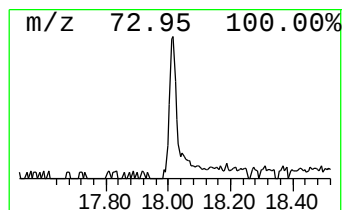
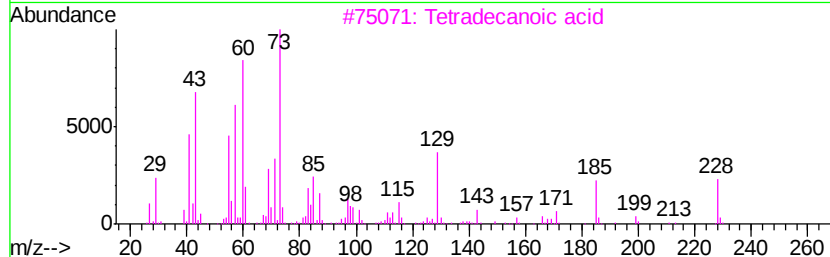
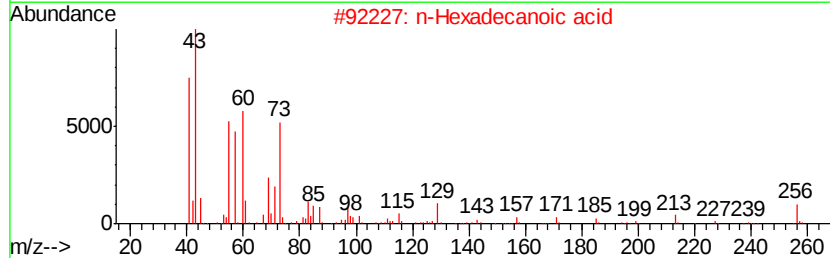
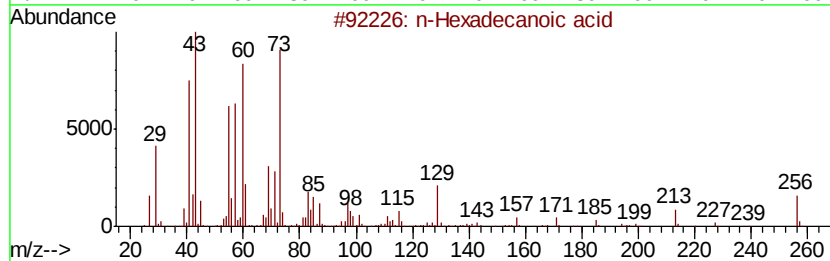
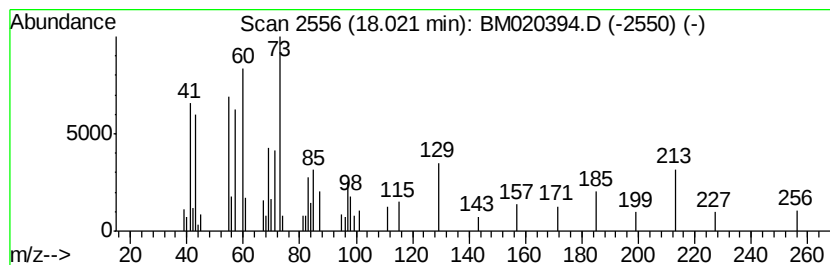
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.42 ng/ul	96245	Phenanthrene-d10	17.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	64
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	58
3	Tetradecanoic acid	228 C14H28O2	000544-63-8	43
4	Ethanol, 2-(hexadecyloxy)-	286 C18H38O2	002136-71-2	30
5	Octane, 3,4,5,6-tetramethyl-	170 C12H26	062185-21-1	22



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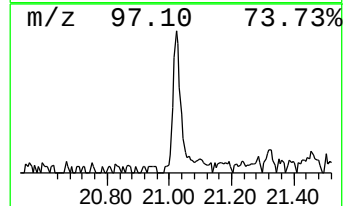
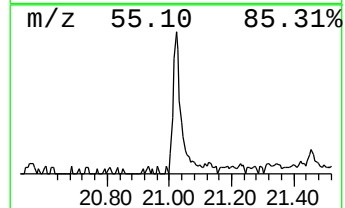
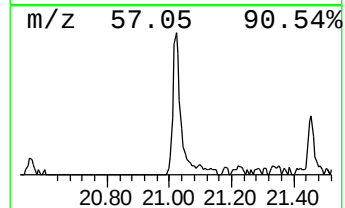
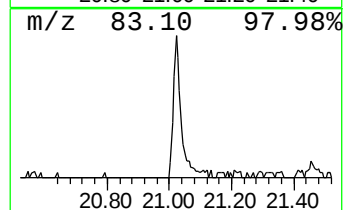
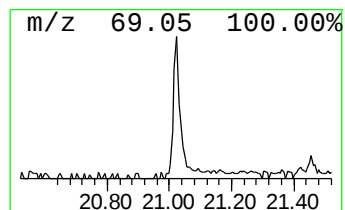
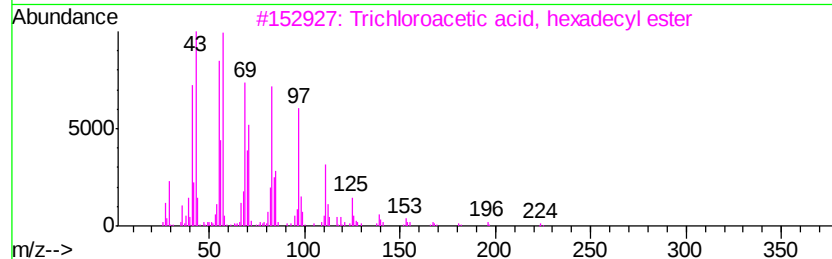
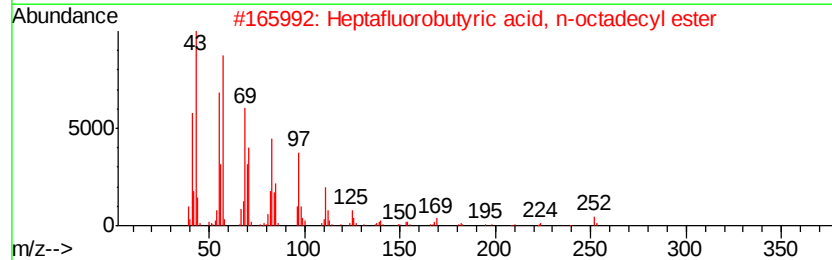
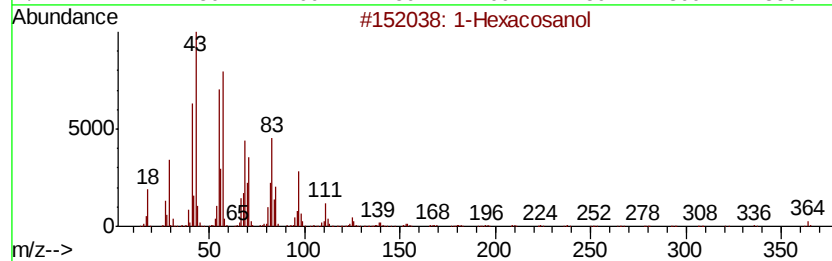
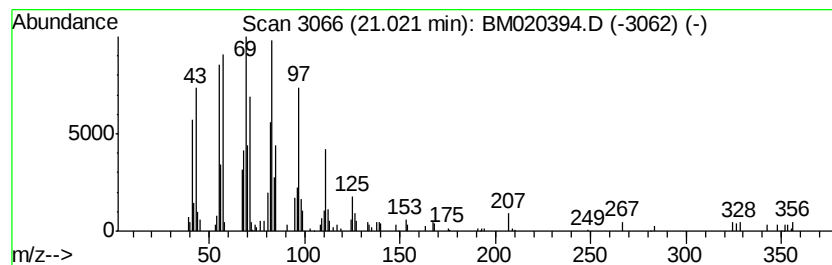
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Peak Number 2 1-Hexacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	4.35 ng/ul	218512	Chrysene-d12	21.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol		382	C26H54O	000506-52-5	91
2	Heptafluorobutyric acid, n-octad...		466	C22H37F7O2	000400-57-7	91
3	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	90
4	1-Tetracosanol		354	C24H50O	000506-51-4	87
5	1-Heptadecanol		256	C17H36O	001454-85-9	86



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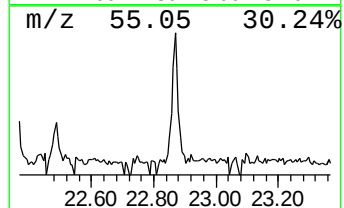
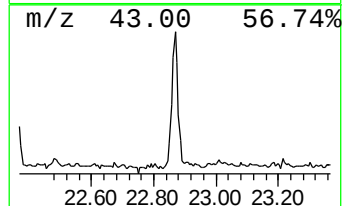
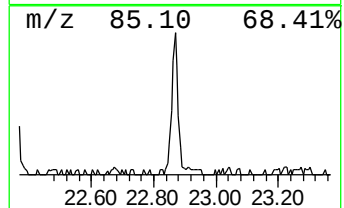
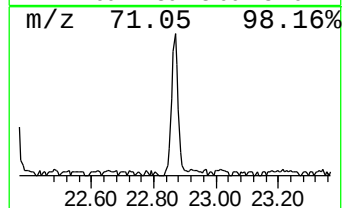
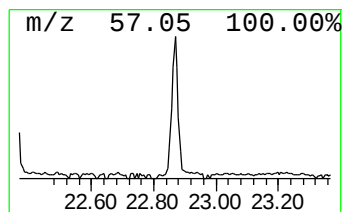
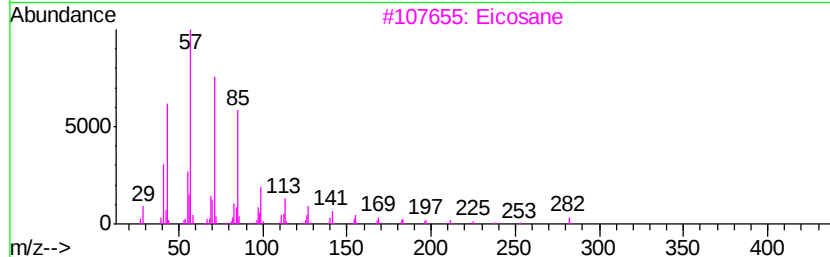
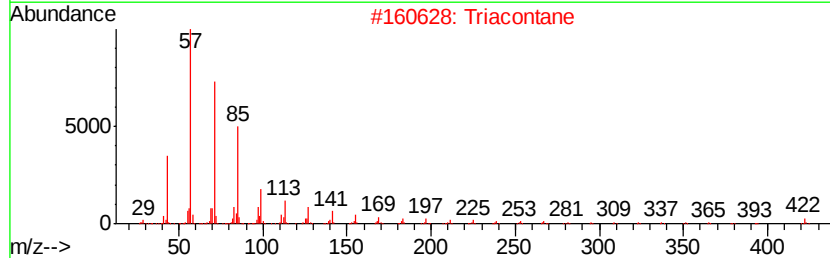
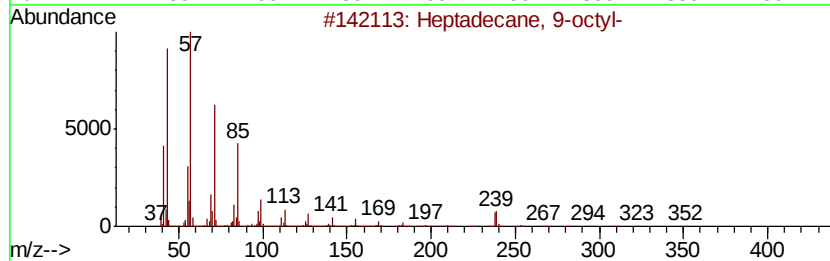
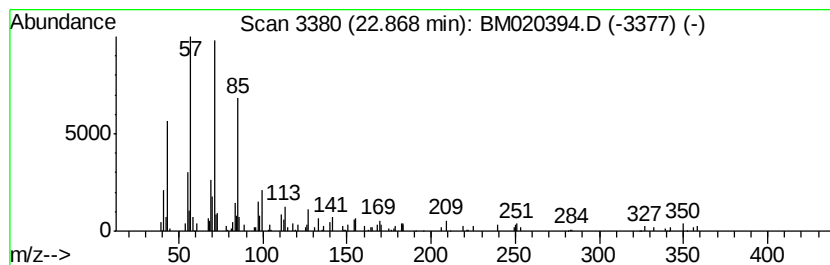
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.12 ng/ul	112173	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Triacontane	422	C30H62	000638-68-6	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Hexacosane	366	C26H54	000630-01-3	83
5		Nonacosane	408	C29H60	000630-03-5	83



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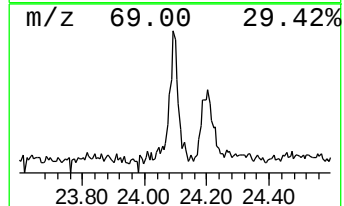
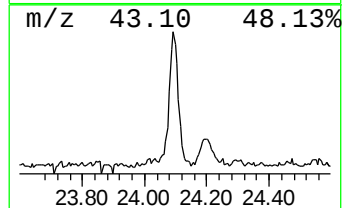
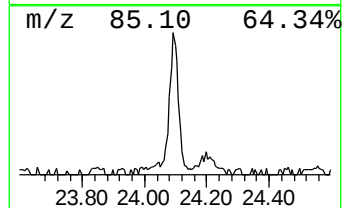
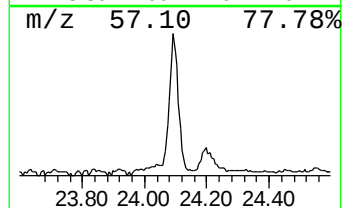
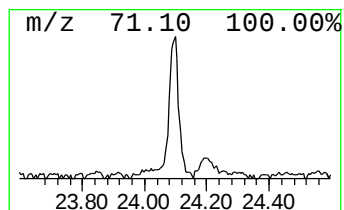
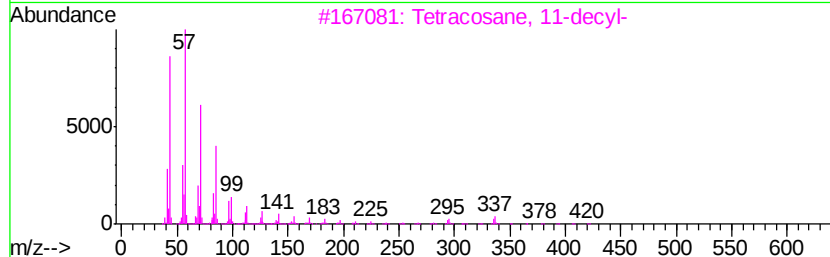
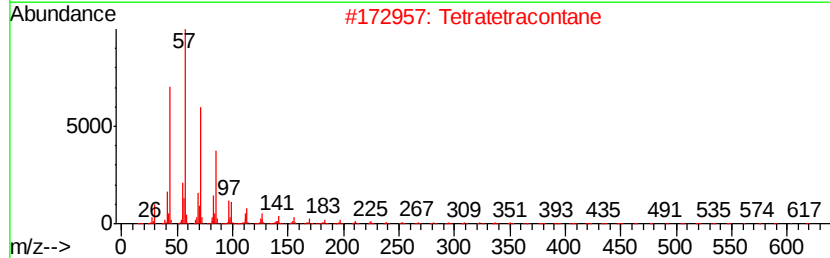
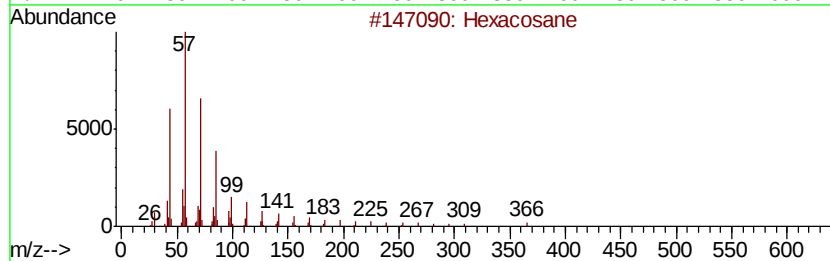
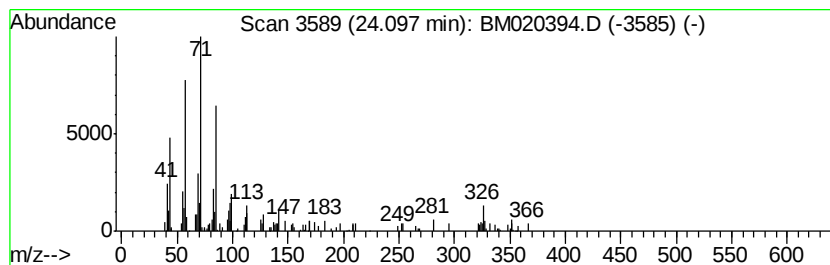
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.10 ng/ul	163813	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	81
2		Tetratetracontane	619	C44H90	007098-22-8	68
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	68
4		Octacosane	394	C28H58	000630-02-4	64
5		Tetracosane	338	C24H50	000646-31-1	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.02	2.4	ng/ul	96245	4	17.13	795287	20.0
1-Hexacosanol	21.02	4.3	ng/ul	218512	5	21.32	1003820	20.0
(DEL) Alkane: Str...	22.87	2.1	ng/ul	112173	6	23.59	1056310	20.0
(DEL) Alkane: Str...	24.10	3.1	ng/ul	163813	6	23.59	1056310	20.0