

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\
 Data File : BM021227.D
 Acq On : 28 Jun 2019 12:38
 Operator : HP/JU
 Sample : K3381-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFCM5

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-BM061419MA.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	3.016	3	5	15	rVB	398897	500301	7.53%	0.891%
2	3.281	48	50	56	rVB2	44906	58043	0.87%	0.103%
3	6.934	665	671	685	rVB	147950	279574	4.21%	0.498%
4	7.104	694	700	710	rBV	510815	791446	11.92%	1.409%
5	7.292	726	732	741	rVB	567745	890346	13.41%	1.585%
6	7.763	805	812	819	rBV	638267	1023878	15.42%	1.823%
7	8.463	924	931	944	rBV	490486	782231	11.78%	1.392%
8	8.922	1003	1009	1017	rBV	710742	1154557	17.39%	2.055%
9	9.292	1066	1072	1076	rBV	13770	17836	0.27%	0.032%
10	9.345	1076	1081	1084	rBV5	4972	7264	0.11%	0.013%
11	9.639	1123	1131	1146	rBV	594312	988607	14.89%	1.760%
12	10.169	1214	1221	1239	rBV	984358	1665824	25.09%	2.965%
13	10.545	1278	1285	1293	rBV	985183	1654592	24.92%	2.945%
14	10.698	1305	1311	1322	rBV	83556	161191	2.43%	0.287%
15	11.333	1415	1419	1426	rVB7	3308	8059	0.12%	0.014%
16	11.780	1490	1495	1499	rBV	12853	16299	0.25%	0.029%
17	12.145	1550	1557	1564	rVB	16451	27335	0.41%	0.049%
18	12.745	1656	1659	1666	rVB3	5965	9743	0.15%	0.017%
19	12.810	1666	1670	1675	rVB6	5111	7611	0.11%	0.014%
20	13.004	1697	1703	1710	rVB3	10106	15645	0.24%	0.028%
21	13.816	1830	1841	1846	rBV	2627025	3424465	51.57%	6.096%
22	13.863	1846	1849	1856	rVV	136733	186413	2.81%	0.332%
23	13.916	1856	1858	1862	rVB3	5655	6898	0.10%	0.012%
24	14.051	1877	1881	1882	rBV3	8337	10583	0.16%	0.019%
25	14.092	1882	1888	1900	rVB	2486047	3684987	55.50%	6.559%
26	14.404	1934	1941	1949	rBV2	1638421	2594810	39.08%	4.619%
27	14.486	1951	1955	1958	rVB2	6476	7190	0.11%	0.013%
28	14.621	1972	1978	1992	rBV2	113526	249542	3.76%	0.444%
29	14.810	2006	2010	2016	rVB5	6905	10546	0.16%	0.019%
30	15.198	2071	2076	2078	rBV	17329	22940	0.35%	0.041%
31	15.227	2078	2081	2087	rVB4	9993	17608	0.27%	0.031%
32	15.345	2097	2101	2103	rBV4	4974	6815	0.10%	0.012%
33	15.398	2103	2110	2119	rVV	3578030	5122569	77.15%	9.118%
34	15.521	2125	2131	2145	rBV	967756	1404249	21.15%	2.500%

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Integrator: RTE
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35	15.633	2145	2150	2157	rVB2	44361	68985	1.04%	0.123%
36	16.062	2219	2223	2225	rBV4	5272	7341	0.11%	0.013%
37	16.180	2239	2243	2246	rVB5	5505	7470	0.11%	0.013%
38	16.286	2258	2261	2266	rBV4	11438	14178	0.21%	0.025%
39	16.345	2269	2271	2277	rBV5	5194	8220	0.12%	0.015%
40	16.627	2314	2319	2322	rVB5	4260	7291	0.11%	0.013%
41	16.898	2362	2365	2368	rBV5	5495	7304	0.11%	0.013%
42	16.939	2368	2372	2378	rVB4	9940	18782	0.28%	0.033%
43	17.062	2391	2393	2396	rVB3	8297	7613	0.11%	0.014%
44	17.151	2402	2408	2418	rBV	2288735	3153077	47.49%	5.613%
45	17.251	2418	2425	2439	rVB	4323892	6089838	91.72%	10.840%
46	17.433	2453	2456	2462	rVB2	12713	18392	0.28%	0.033%
47	17.533	2471	2473	2478	rVB4	5729	7970	0.12%	0.014%
48	17.633	2488	2490	2495	rVB2	6466	9453	0.14%	0.017%
49	17.815	2517	2521	2525	rBV7	7049	9494	0.14%	0.017%
50	18.039	2554	2559	2568	rBV	215854	330462	4.98%	0.588%
51	18.115	2569	2572	2578	rVB	16085	27329	0.41%	0.049%
52	18.380	2614	2617	2622	rBV7	8667	15077	0.23%	0.027%
53	19.174	2748	2752	2756	rBV	54258	79927	1.20%	0.142%
54	19.321	2773	2777	2785	rBV	117096	183974	2.77%	0.327%
55	19.427	2792	2795	2799	rVB2	36314	46330	0.70%	0.082%
56	19.468	2799	2802	2807	rVB5	18657	22843	0.34%	0.041%
57	19.545	2809	2815	2825	rBV	5009828	6639868	100.00%	11.819%
58	21.044	3066	3070	3078	rBV2	160364	259355	3.91%	0.462%
59	21.339	3115	3120	3126	rBV	2061906	2708698	40.79%	4.822%
60	22.386	3295	3298	3302	rVB	174125	204085	3.07%	0.363%
61	22.897	3382	3385	3391	rVB	254795	333424	5.02%	0.594%
62	23.462	3474	3481	3493	rBV	3223503	6014959	90.59%	10.707%
63	23.609	3500	3506	3517	rVB	1403348	2628280	39.58%	4.678%
64	24.121	3590	3593	3602	rVB2	244848	438407	6.60%	0.780%

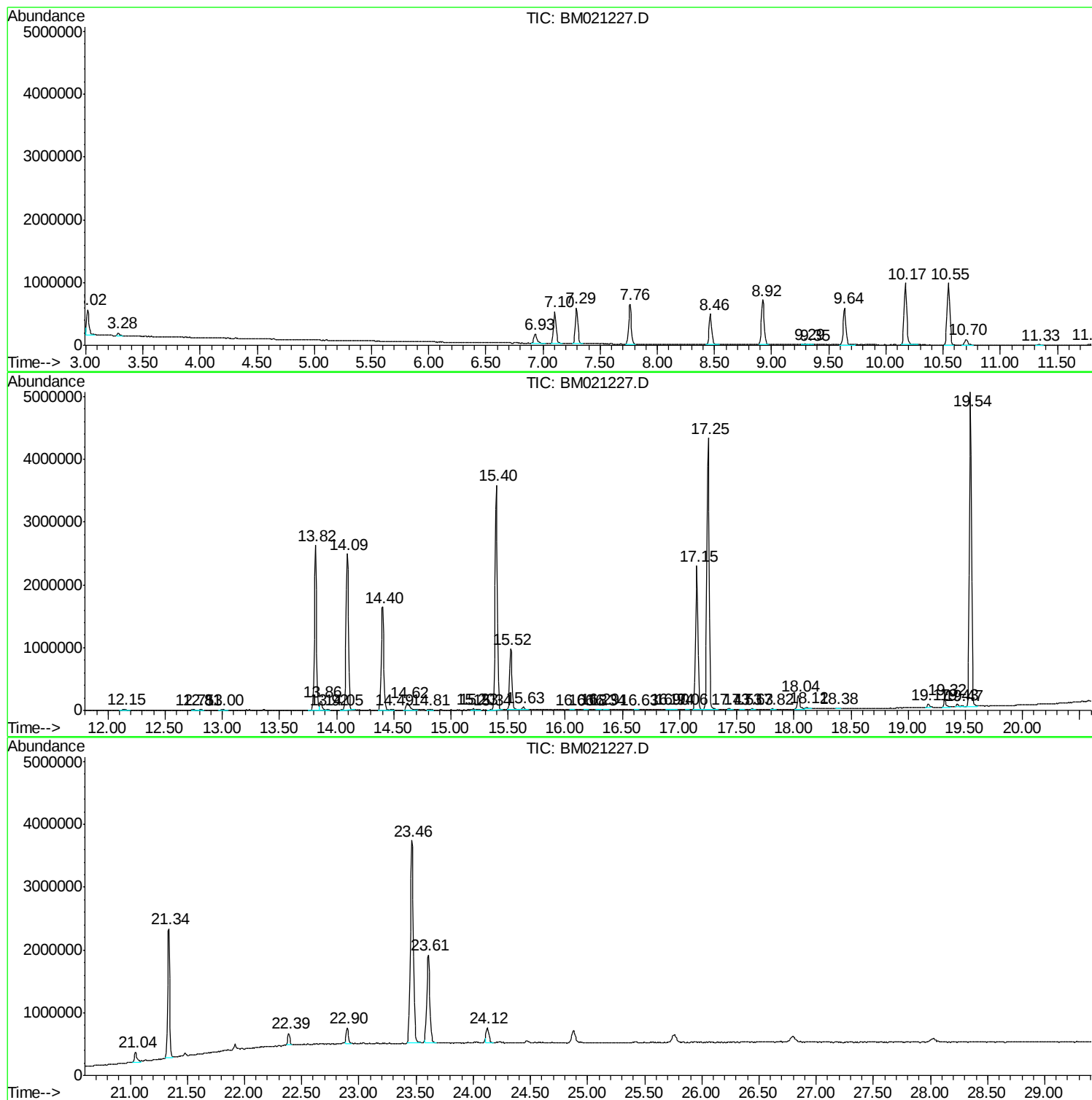
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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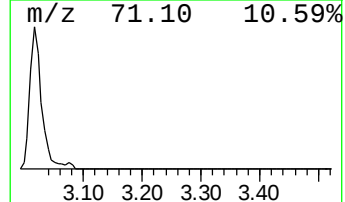
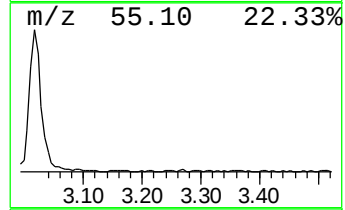
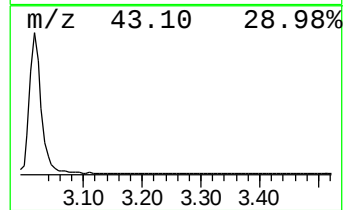
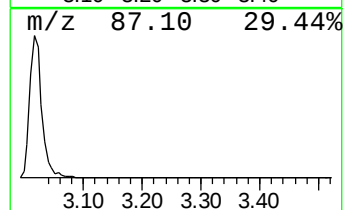
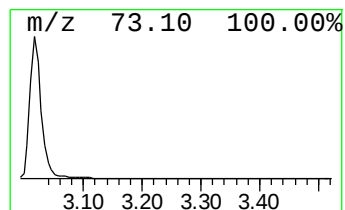
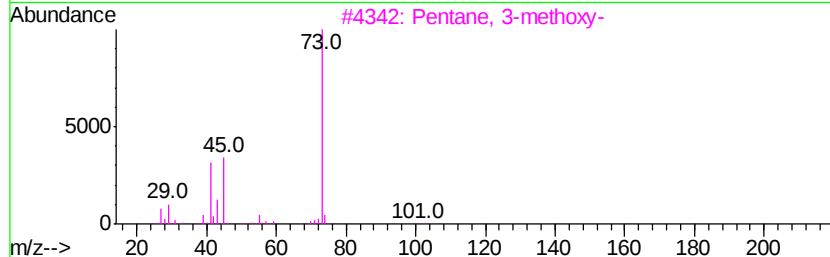
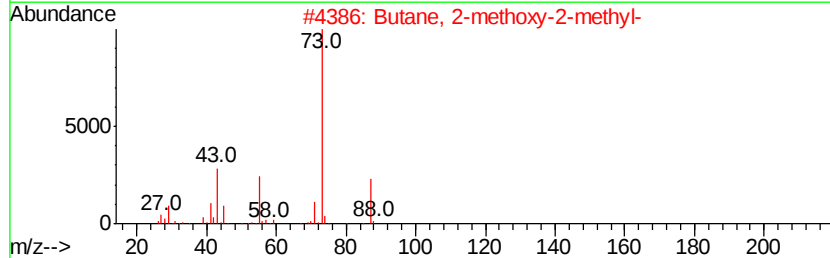
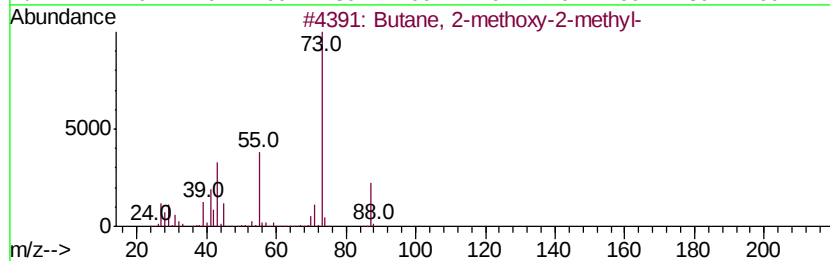
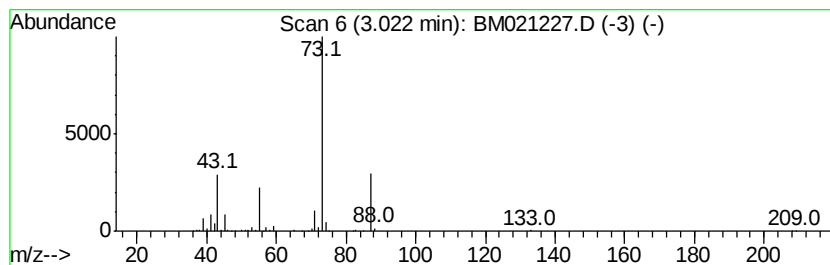
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	9.77 ng/ul	500301	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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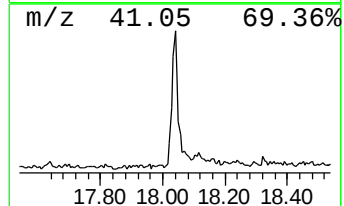
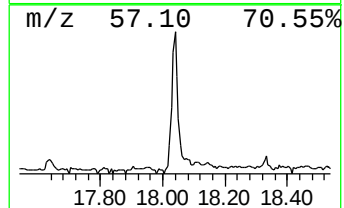
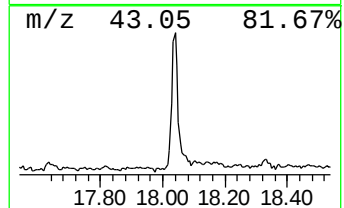
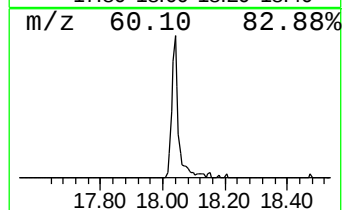
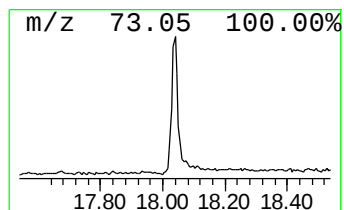
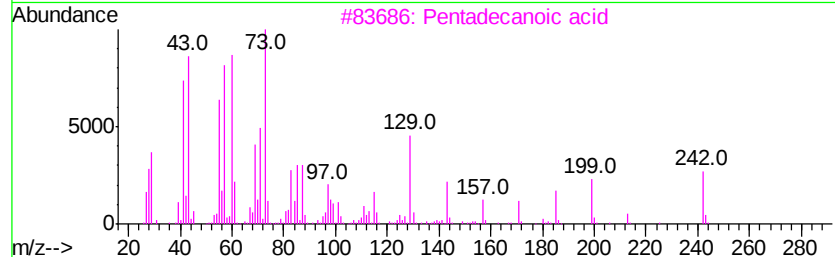
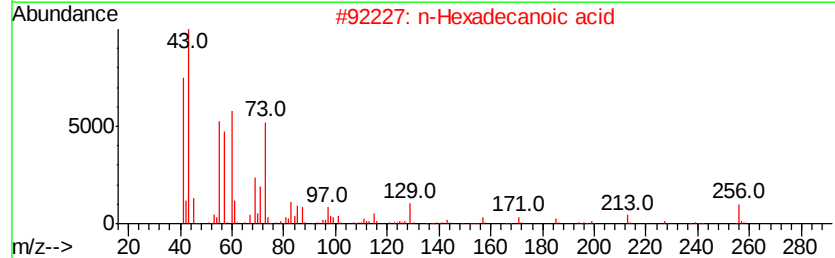
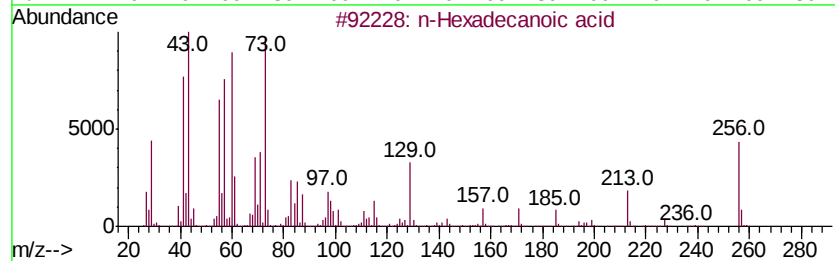
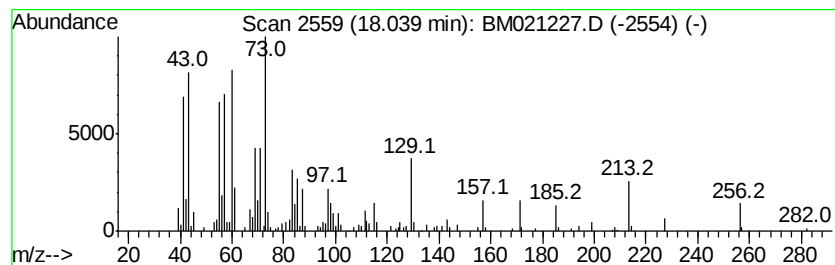
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.04	2.10 ng/ul	330462	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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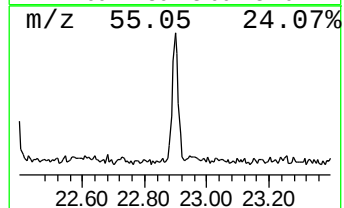
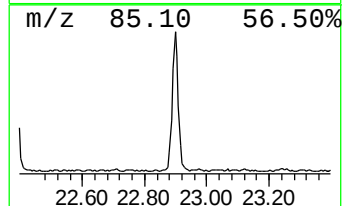
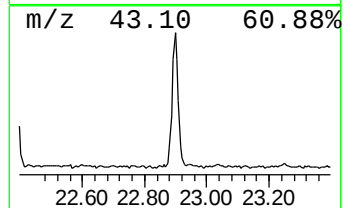
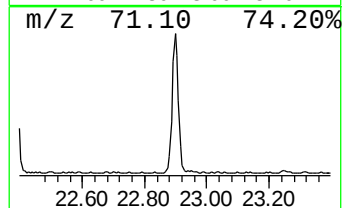
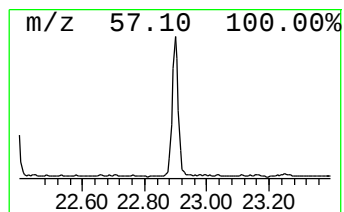
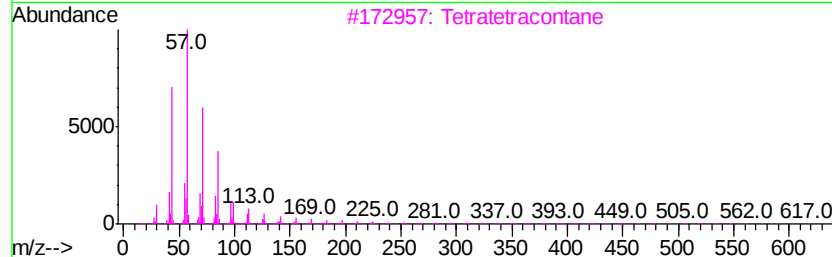
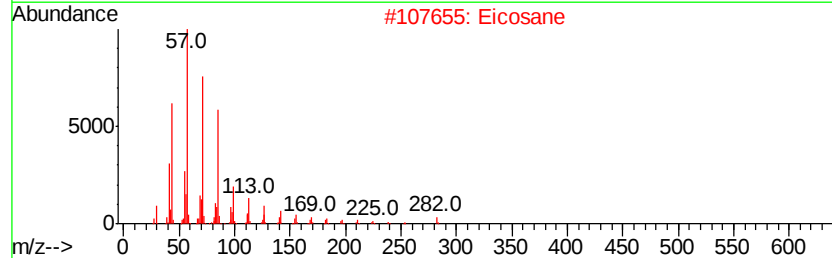
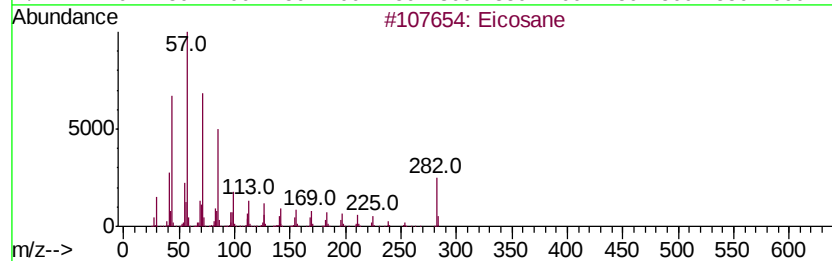
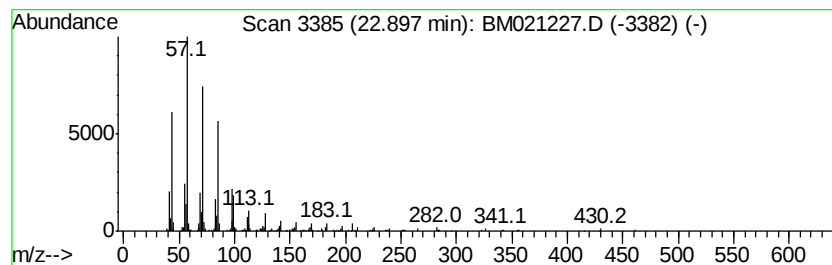
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	2.54 ng/ul	333424	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Tetratriacontane	479	C34H70	014167-59-0	87



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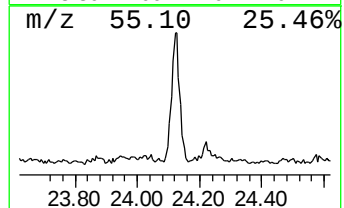
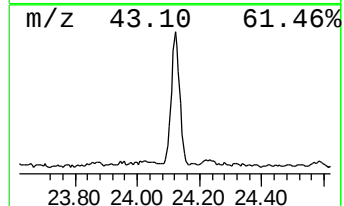
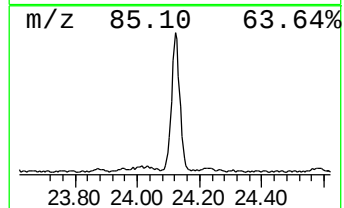
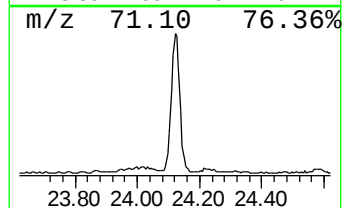
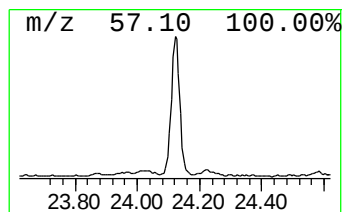
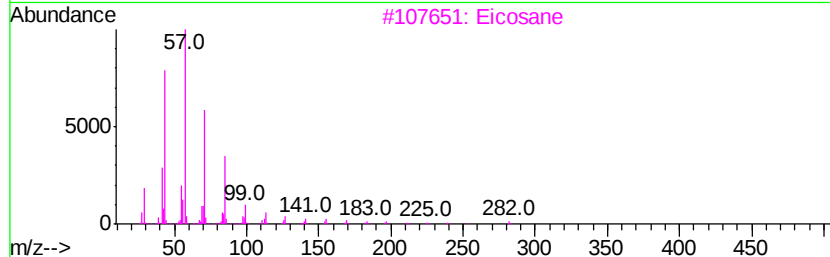
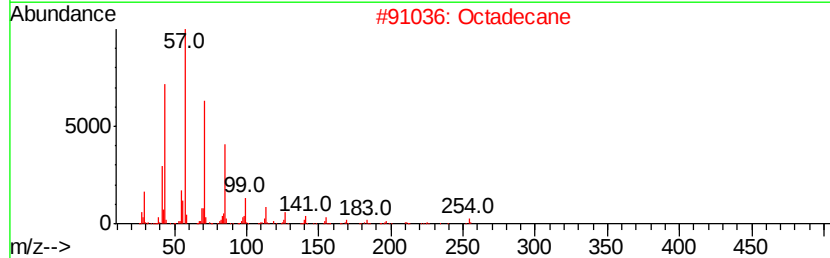
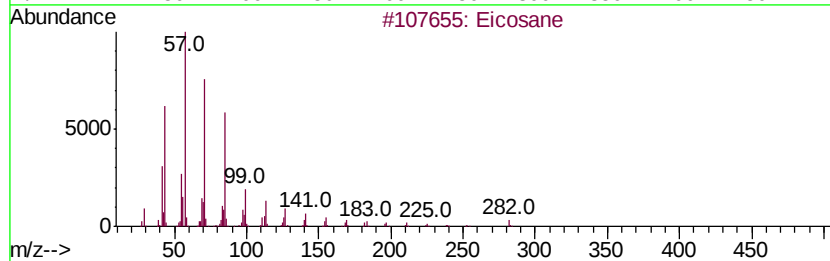
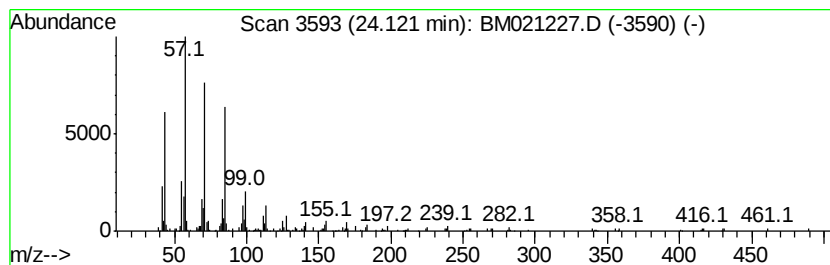
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	3.34 ng/ul	438407	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Octadecane	254	C18H38	000593-45-3	93
3		Eicosane	282	C20H42	000112-95-8	91
4		Triacontane	422	C30H62	000638-68-6	90
5		Tetratriacontane	479	C34H70	014167-59-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	9.8	ng/ul	500301	1	7.76	1023880	20.0
n-Hexadecanoic acid	18.04	2.1	ng/ul	330462	4	17.15	3153080	20.0
(DEL) Alkane: Str...	22.90	2.5	ng/ul	333424	6	23.61	2628280	20.0
(DEL) Alkane: Str...	24.12	3.3	ng/ul	438407	6	23.61	2628280	20.0