

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
 Data File : BM020971.D
 Acq On : 17 Jun 2019 10:22
 Operator : HP/JU
 Sample : K3231-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8L3

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	3.034	4	8	33	rVB	3413035	4559744	90.35%	7.540%
2	3.299	51	53	58	rVB2	26431	32405	0.64%	0.054%
3	3.922	156	159	167	rVB3	28957	43240	0.86%	0.072%
4	4.916	325	328	335	rVB	28903	41653	0.83%	0.069%
5	6.204	543	547	553	rVB6	3121	6132	0.12%	0.010%
6	6.781	643	645	649	rBV5	4341	6135	0.12%	0.010%
7	6.957	669	675	687	rVB2	528070	946147	18.75%	1.565%
8	7.134	699	705	713	rBV	440854	698691	13.84%	1.155%
9	7.322	731	737	745	rBV	549862	883350	17.50%	1.461%
10	7.793	810	817	824	rBV	1055418	1648067	32.66%	2.725%
11	7.851	824	827	832	rVB3	6910	10319	0.20%	0.017%
12	8.492	928	936	946	rBV	648359	1049069	20.79%	1.735%
13	8.622	953	958	962	rVB2	6940	10285	0.20%	0.017%
14	8.951	1007	1014	1026	rBV	550398	920469	18.24%	1.522%
15	9.051	1028	1031	1037	rVB4	6667	9920	0.20%	0.016%
16	9.110	1037	1041	1046	rBV4	5606	8715	0.17%	0.014%
17	9.334	1072	1079	1083	rBV	19388	32030	0.63%	0.053%
18	9.369	1083	1085	1091	rVB5	3971	6426	0.13%	0.011%
19	9.669	1129	1136	1147	rBV	426216	706383	14.00%	1.168%
20	9.757	1149	1151	1157	rVB4	4388	6152	0.12%	0.010%
21	9.898	1171	1175	1184	rBV5	4262	10974	0.22%	0.018%
22	10.198	1220	1226	1242	rBV	679004	1186085	23.50%	1.961%
23	10.581	1281	1291	1302	rBV	1467817	2506667	49.67%	4.145%
24	10.733	1310	1317	1321	rBV3	19611	33301	0.66%	0.055%
25	11.369	1422	1425	1432	rVV4	5570	10916	0.22%	0.018%
26	11.822	1497	1502	1506	rBV2	6468	9044	0.18%	0.015%
27	12.169	1556	1561	1568	rVB3	9649	18624	0.37%	0.031%
28	12.775	1658	1664	1669	rBV5	10790	18802	0.37%	0.031%
29	12.851	1673	1677	1680	rBV3	7335	9724	0.19%	0.016%
30	13.033	1704	1708	1712	rBV2	17357	24985	0.50%	0.041%
31	13.322	1751	1757	1762	rVB2	49591	79994	1.59%	0.132%
32	13.839	1839	1845	1850	rBV	1333328	1910417	37.85%	3.159%
33	13.886	1850	1853	1862	rVB	580482	830360	16.45%	1.373%
34	14.074	1879	1885	1887	rBV4	17079	23316	0.46%	0.039%

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35	14.121	1887	1893	1908	rVB	1491711	2220004	43.99%	3.671%
36	14.321	1924	1927	1930	rVB4	4844	6685	0.13%	0.011%
37	14.433	1939	1946	1953	rBV2	2369505	3585449	71.04%	5.929%
38	14.516	1959	1960	1964	rVB	8301	7709	0.15%	0.013%
39	14.633	1973	1980	1994	rBV	395561	647247	12.82%	1.070%
40	14.745	1995	1999	2007	rVV7	10832	22692	0.45%	0.038%
41	14.845	2010	2016	2023	rVV7	7266	15415	0.31%	0.025%
42	15.221	2075	2080	2084	rBV	80519	107107	2.12%	0.177%
43	15.257	2084	2086	2094	rVB4	14948	26710	0.53%	0.044%
44	15.421	2108	2114	2125	rVB	2020053	3043877	60.31%	5.033%
45	15.545	2130	2135	2145	rBV	437479	597361	11.84%	0.988%
46	15.663	2151	2155	2161	rVB2	22651	33644	0.67%	0.056%
47	15.798	2174	2178	2179	rVV3	6195	9279	0.18%	0.015%
48	15.816	2179	2181	2185	rVB4	6234	7518	0.15%	0.012%
49	15.974	2204	2208	2209	rBV3	5884	6423	0.13%	0.011%
50	15.992	2209	2211	2217	rVB2	6576	7517	0.15%	0.012%
51	16.057	2217	2222	2226	rBV	125317	169408	3.36%	0.280%
52	16.098	2226	2229	2233	rVV4	6280	7405	0.15%	0.012%
53	16.139	2233	2236	2239	rVV2	10333	12299	0.24%	0.020%
54	16.321	2261	2267	2271	rVB7	15055	23535	0.47%	0.039%
55	16.568	2308	2309	2315	rVB6	6545	7504	0.15%	0.012%
56	16.645	2319	2322	2327	rBV5	5298	9174	0.18%	0.015%
57	16.892	2360	2364	2365	rBV3	5099	6903	0.14%	0.011%
58	16.921	2365	2369	2373	rVV8	13655	23406	0.46%	0.039%
59	16.968	2373	2377	2386	rVB4	16286	32816	0.65%	0.054%
60	17.068	2391	2394	2395	rBV3	14767	16414	0.33%	0.027%
61	17.092	2395	2398	2401	rVB3	24043	27878	0.55%	0.046%
62	17.180	2406	2413	2419	rVV	3048152	4366551	86.52%	7.221%
63	17.274	2423	2429	2439	rVV2	2338452	3303352	65.45%	5.462%
64	17.462	2457	2461	2468	rBV2	19220	31747	0.63%	0.052%
65	17.557	2470	2477	2481	rBV4	15873	33483	0.66%	0.055%
66	17.668	2493	2496	2499	rBV3	13852	19493	0.39%	0.032%
67	17.692	2499	2500	2503	rVB2	5552	6017	0.12%	0.010%
68	17.804	2515	2519	2521	rBV5	7731	9998	0.20%	0.017%
69	17.839	2522	2525	2528	rVB5	14581	16712	0.33%	0.028%
70	17.945	2539	2543	2549	rBV7	17488	27542	0.55%	0.046%
71	18.004	2549	2553	2558	rBV4	49804	69765	1.38%	0.115%

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72	18.068	2558	2564	2573	rBV	449855	683004	13.53%	1.129%
73	18.362	2610	2614	2618	rVB3	26405	37001	0.73%	0.061%
74	18.645	2660	2662	2665	rVB4	7205	6510	0.13%	0.011%
75	18.927	2705	2710	2718	rBV2	88413	138482	2.74%	0.229%
76	18.992	2718	2721	2724	rBV2	30158	33534	0.66%	0.055%
77	19.204	2753	2757	2758	rBV2	46906	55642	1.10%	0.092%
78	19.227	2758	2761	2763	rVV2	61802	75584	1.50%	0.125%
79	19.345	2777	2781	2785	rBV	113589	152293	3.02%	0.252%
80	19.456	2797	2800	2804	rVB	30636	36146	0.72%	0.060%
81	19.568	2813	2819	2825	rBV	2898387	4029715	79.85%	6.664%
82	20.103	2907	2910	2914	rVB	71778	82700	1.64%	0.137%
83	20.603	2992	2995	2998	rVB2	69636	71027	1.41%	0.117%
84	21.062	3069	3073	3083	rBV	611169	818368	16.22%	1.353%
85	21.356	3118	3123	3133	rBV	4078576	4944043	97.96%	8.175%
86	21.497	3144	3147	3153	rBV2	167976	225136	4.46%	0.372%
87	21.945	3219	3223	3224	rBV	274545	337937	6.70%	0.559%
88	21.962	3224	3226	3233	rVB	364835	477534	9.46%	0.790%
89	22.409	3299	3302	3306	rBV	286667	328237	6.50%	0.543%
90	22.539	3322	3324	3330	rVB	182997	219456	4.35%	0.363%
91	22.927	3385	3390	3394	rBV	504671	721174	14.29%	1.193%
92	23.491	3479	3486	3496	rBV	2191537	4304058	85.28%	7.117%
93	23.633	3504	3510	3523	rVB2	2659508	5046840	100.00%	8.345%
94	24.162	3595	3600	3607	rVB	421651	785150	15.56%	1.298%

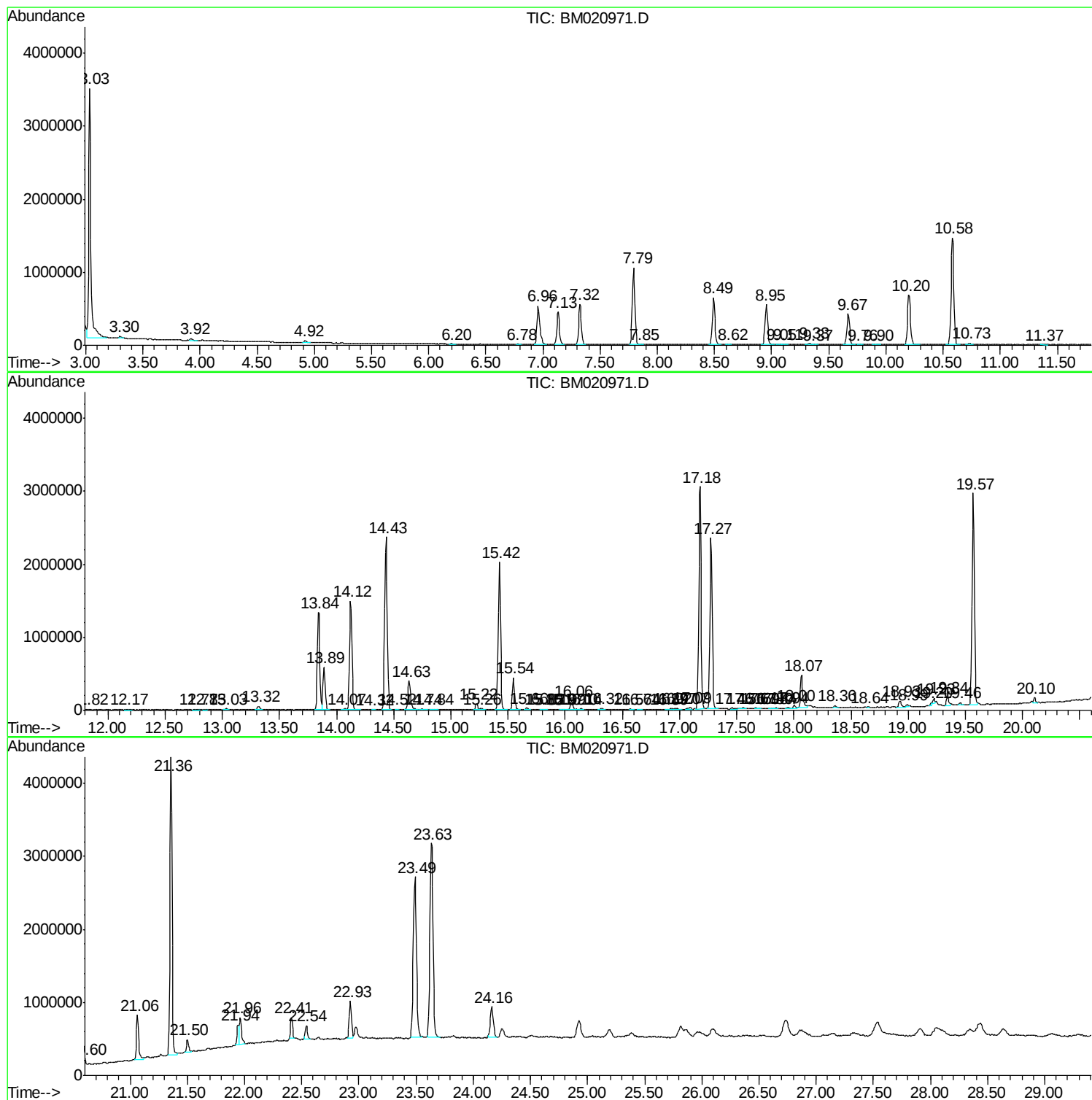
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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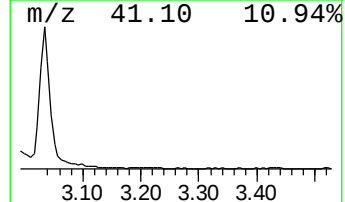
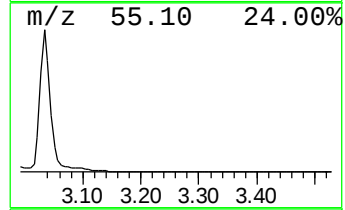
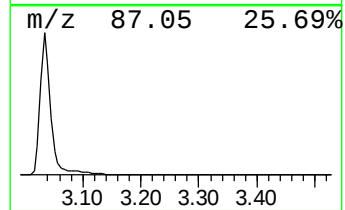
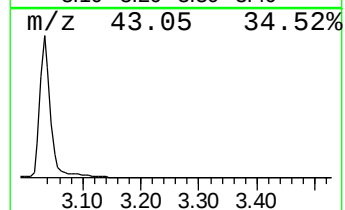
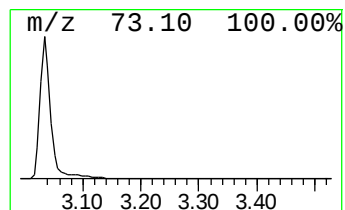
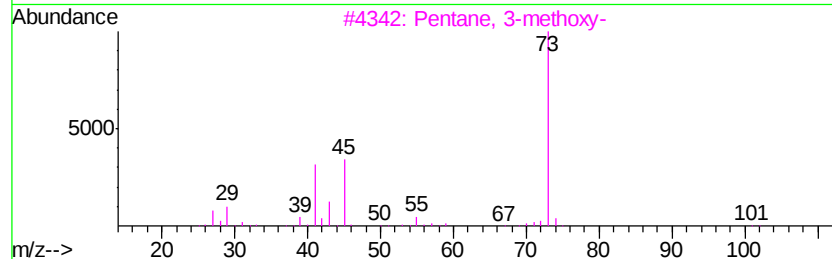
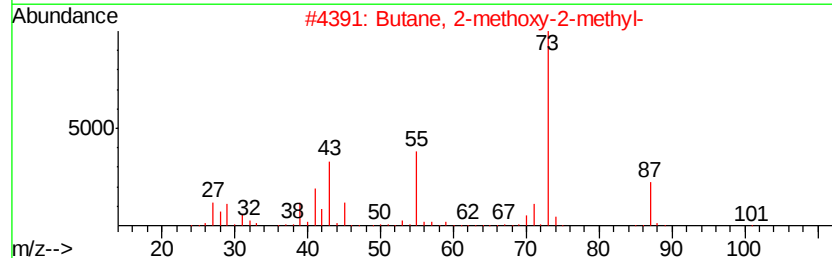
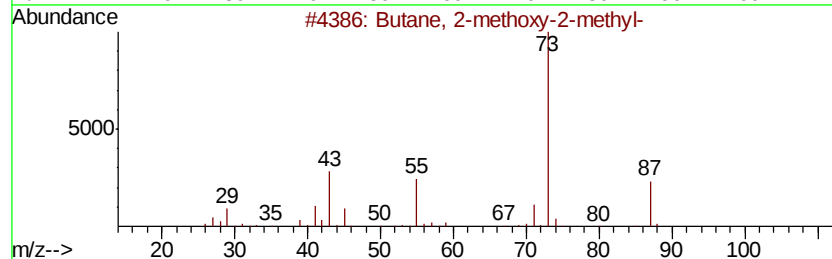
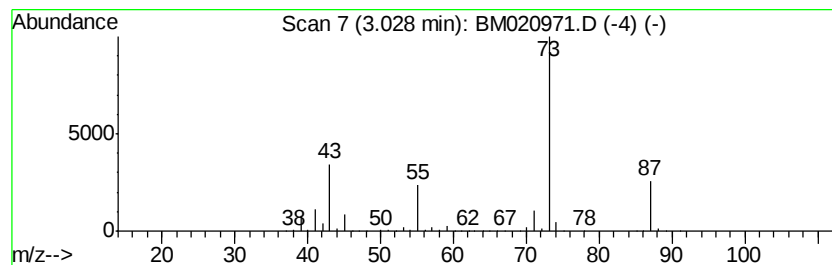
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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.
3.03	55.33 ng/ul	4559740	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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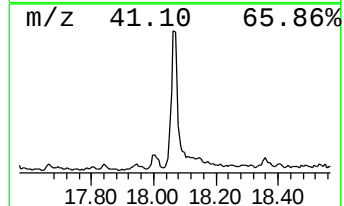
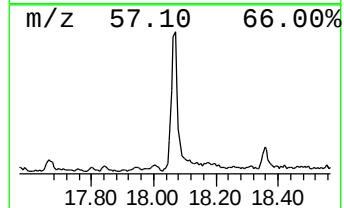
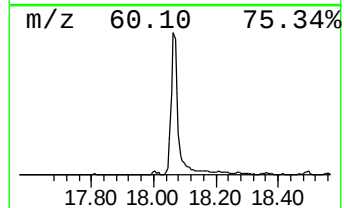
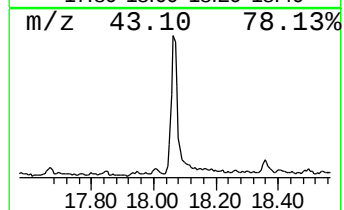
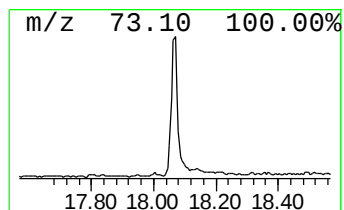
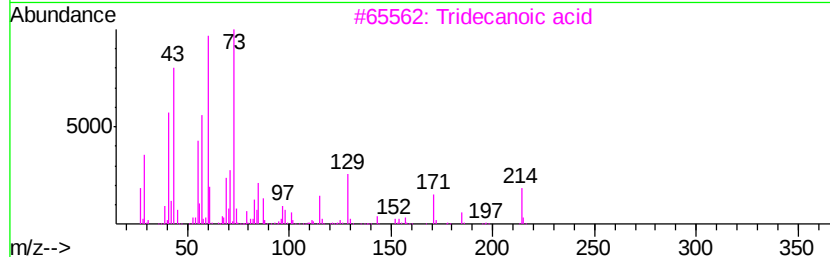
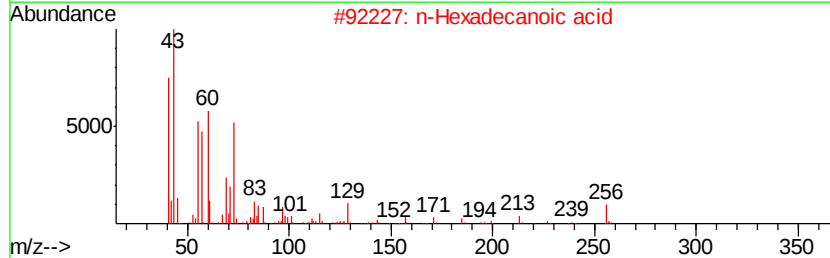
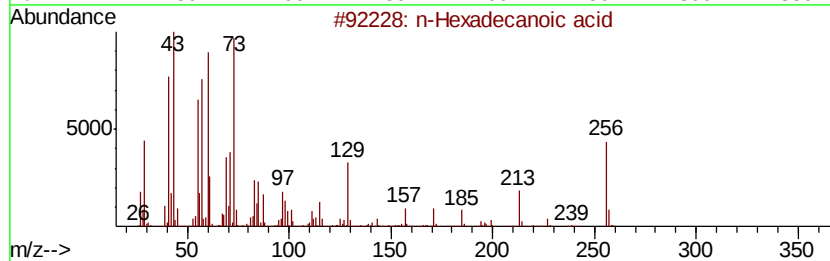
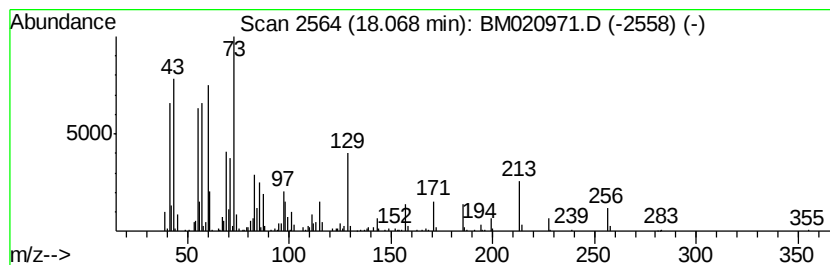
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.13 ng/ul	683004	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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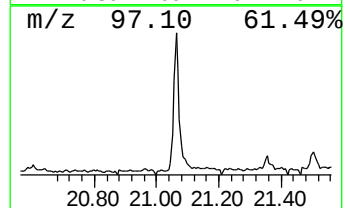
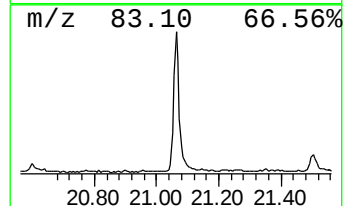
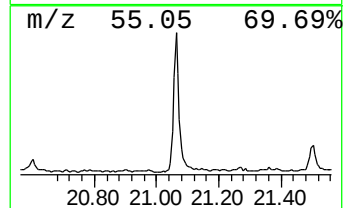
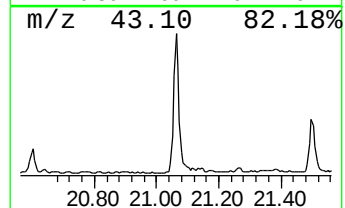
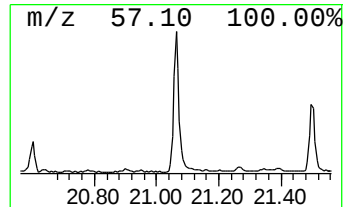
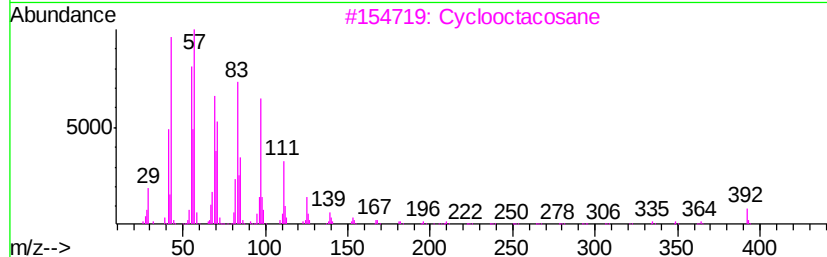
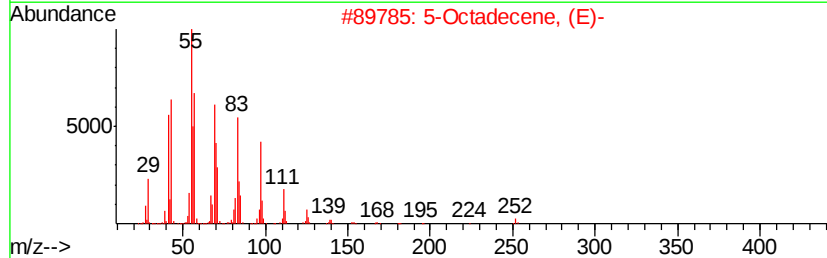
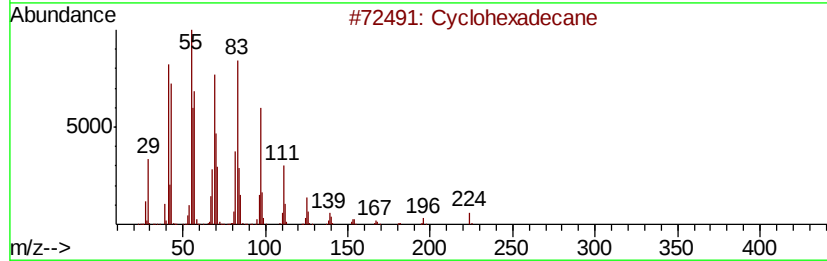
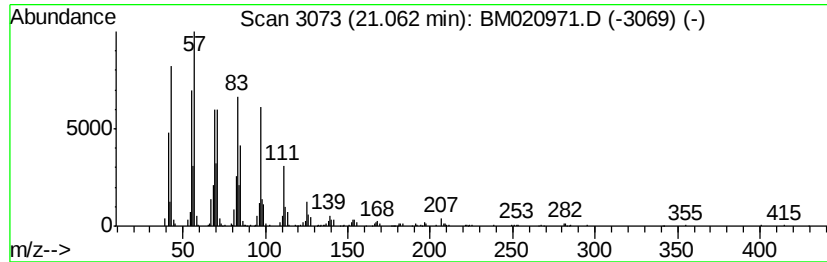
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.31 ng/ul	818368	Chrysene-d12	21.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 98
2		5-Octadecene, (E)-	252 C18H36	007206-21-5 95
3		Cyclooctacosane	392 C28H56	000297-24-5 91
4		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 91
5		1-Heptacosanol	396 C27H56O	002004-39-9 90



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ClientSampleId :
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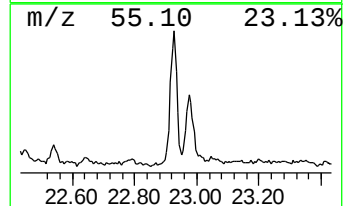
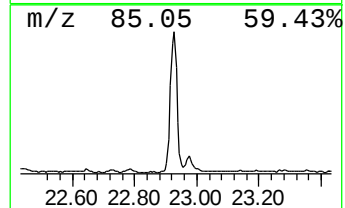
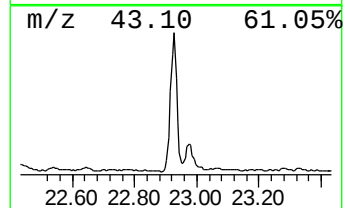
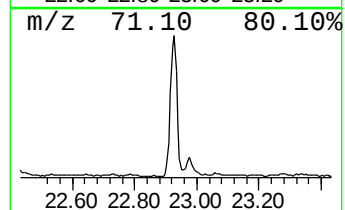
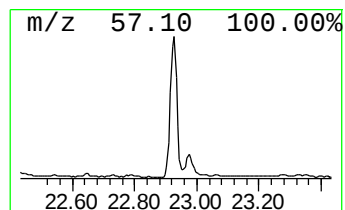
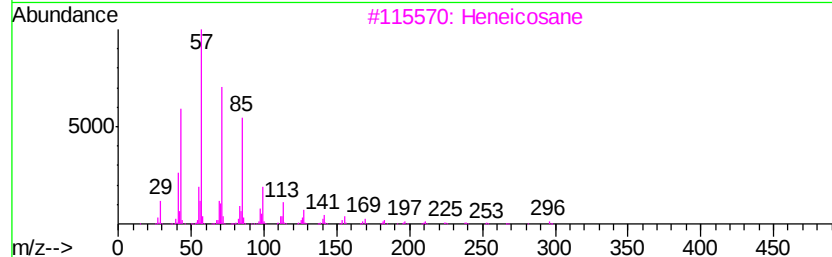
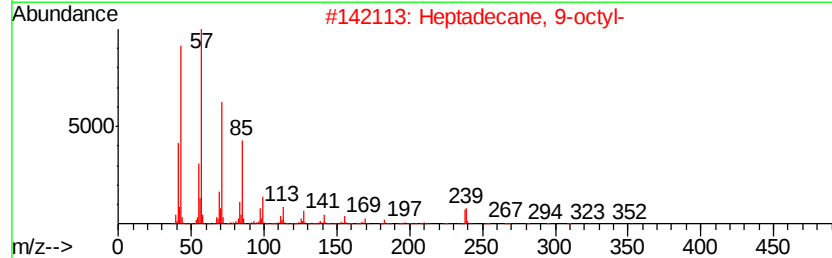
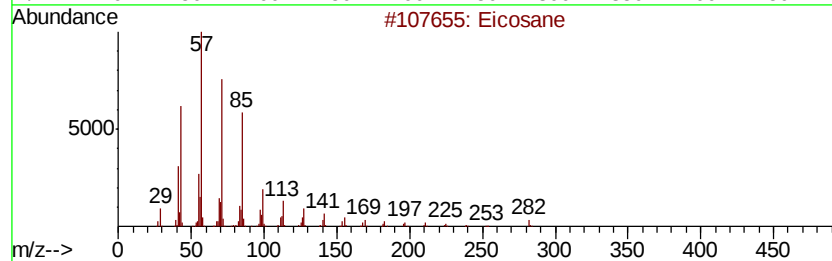
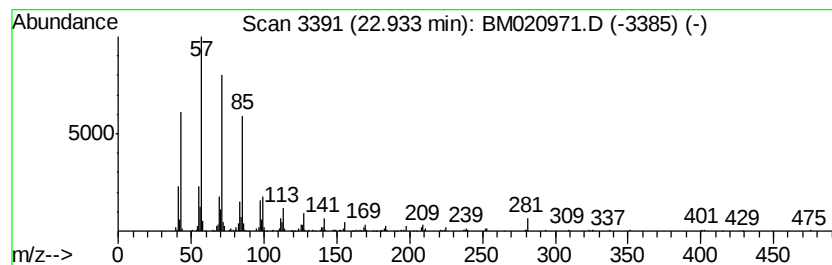
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	2.86 ng/ul	721174	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020971.D
Acq On : 17 Jun 2019 10:22
Operator : HP/JU
Sample : K3231-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8L3

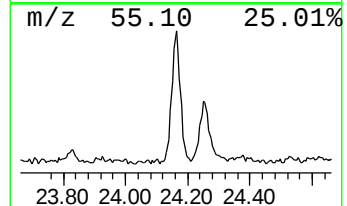
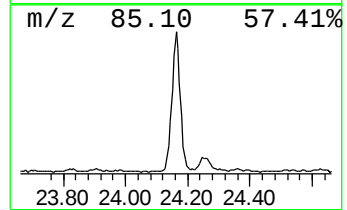
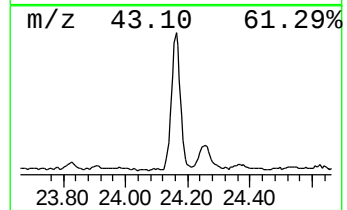
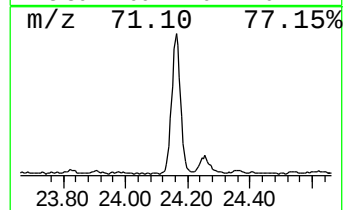
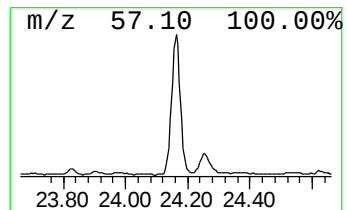
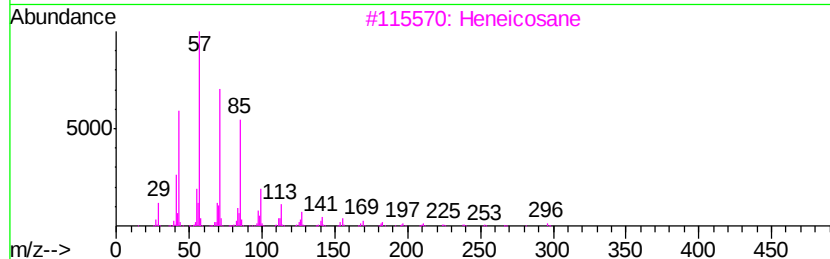
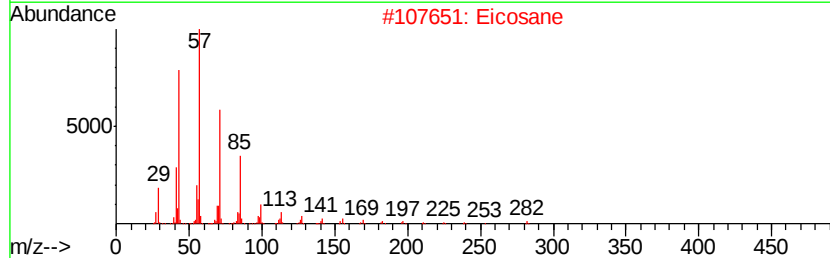
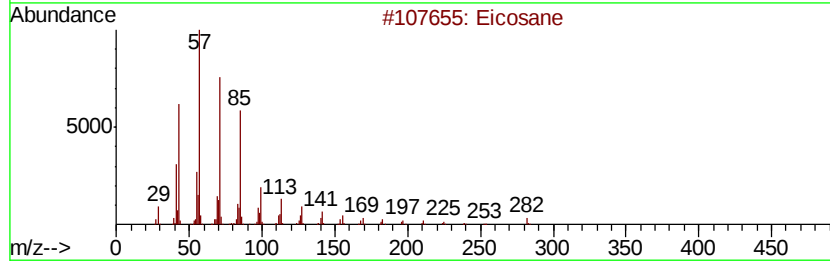
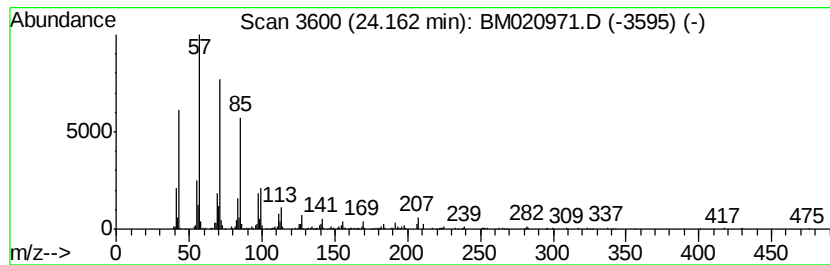
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.11 ng/ul	785150	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	89
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Nonacosane	408	C29H60	000630-03-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020971.D
Acq On : 17 Jun 2019 10:22
Operator : HP/JU
Sample : K3231-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB8L3

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	55.3	ng/ul	4559740	1	7.79	1648070	20.0
n-Hexadecanoic acid	18.07	3.1	ng/ul	683004	4	17.18	4366550	20.0
(DEL) Alkane: Cyc...	21.06	3.3	ng/ul	818368	5	21.36	4944040	20.0
(DEL) Alkane: Str...	22.93	2.9	ng/ul	721174	6	23.63	5046840	20.0
(DEL) Alkane: Str...	24.16	3.1	ng/ul	785150	6	23.63	5046840	20.0