

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029439.D
 Acq On : 09 Apr 2021 19:50
 Operator : CG/JU
 Sample : M1881-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQF5

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-BM040721MA.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	2.934	3	8	23	rVB	1060917	1333429	64.87%	4.959%
2	3.193	49	52	61	rVB	32979	42897	2.09%	0.160%
3	3.828	156	160	167	rVB2	9222	15222	0.74%	0.057%
4	3.916	173	175	180	rVB2	7826	9509	0.46%	0.035%
5	4.587	286	289	292	rBV5	2500	3104	0.15%	0.012%
6	4.828	326	330	331	rBV4	4746	5233	0.25%	0.019%
7	5.416	426	430	432	rBV3	1877	2845	0.14%	0.011%
8	6.357	586	590	592	rBV5	1832	2075	0.10%	0.008%
9	6.504	611	615	617	rBV4	1665	2271	0.11%	0.008%
10	6.698	643	648	650	rBV5	2620	3433	0.17%	0.013%
11	6.857	668	675	688	rBV	530380	908813	44.21%	3.380%
12	7.028	697	704	715	rBV	380257	611622	29.76%	2.274%
13	7.222	729	737	745	rBV	570246	904379	44.00%	3.363%
14	7.322	751	754	756	rVB4	2526	3189	0.16%	0.012%
15	7.422	769	771	777	rVB5	1417	2424	0.12%	0.009%
16	7.522	786	788	793	rVV6	1376	2404	0.12%	0.009%
17	7.687	809	816	824	rBV	411551	645119	31.39%	2.399%
18	7.757	824	828	833	rVB6	4017	5679	0.28%	0.021%
19	8.392	928	936	949	rBV	569009	951433	46.29%	3.538%
20	8.504	952	955	959	rVV5	1745	2880	0.14%	0.011%
21	8.839	1003	1012	1021	rVV	482484	807570	39.29%	3.003%
22	8.916	1021	1025	1029	rVB4	5692	9139	0.44%	0.034%
23	9.010	1037	1041	1048	rVB7	4733	10255	0.50%	0.038%
24	9.269	1080	1085	1090	rVB3	5534	8587	0.42%	0.032%
25	9.557	1126	1134	1144	rBV	404155	691842	33.66%	2.573%
26	9.804	1171	1176	1180	rBV6	1131	2400	0.12%	0.009%
27	9.963	1200	1203	1207	rBV4	1293	2251	0.11%	0.008%
28	10.092	1218	1225	1234	rBV	584272	1000689	48.68%	3.721%
29	10.392	1274	1276	1280	rBV5	1505	2303	0.11%	0.009%
30	10.469	1280	1289	1299	rVV	497080	836588	40.70%	3.111%
31	10.604	1304	1312	1332	rBV	536643	928982	45.20%	3.455%
32	11.639	1484	1488	1491	rBV3	2085	2819	0.14%	0.010%
33	11.980	1543	1546	1553	rBV6	2980	4849	0.24%	0.018%
34	12.057	1553	1559	1564	rVB2	8341	13723	0.67%	0.051%

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35	12.686	1662	1666	1670	rBV5	2097	3433	0.17%	0.013%
36	12.933	1705	1708	1711	rVB4	2360	3058	0.15%	0.011%
37	13.151	1742	1745	1753	rVB4	5021	8585	0.42%	0.032%
38	13.227	1753	1758	1765	rVV3	7291	13418	0.65%	0.050%
39	13.286	1765	1768	1772	rVB3	2422	3232	0.16%	0.012%
40	13.733	1838	1844	1849	rBV	849182	1201331	58.45%	4.467%
41	13.780	1849	1852	1861	rVV	50235	74808	3.64%	0.278%
42	13.857	1861	1865	1869	rVB2	1432	2277	0.11%	0.008%
43	14.016	1882	1892	1905	rBV	1046223	1530872	74.48%	5.693%
44	14.239	1924	1930	1934	rBV4	4803	7269	0.35%	0.027%
45	14.321	1938	1944	1952	rBV	668257	960793	46.74%	3.573%
46	14.521	1970	1978	1996	rBV	363591	582895	28.36%	2.168%
47	14.674	2002	2004	2010	rVB7	1814	2825	0.14%	0.011%
48	14.751	2012	2017	2021	rVV4	9991	15038	0.73%	0.056%
49	14.915	2041	2045	2049	rBV5	1780	2910	0.14%	0.011%
50	14.963	2049	2053	2058	rVB6	2359	3423	0.17%	0.013%
51	15.127	2079	2081	2084	rBV4	2006	2675	0.13%	0.010%
52	15.186	2087	2091	2098	rVB4	4698	7329	0.36%	0.027%
53	15.315	2106	2113	2122	rBV	1212984	1715598	83.46%	6.380%
54	15.433	2127	2133	2145	rBV	248756	343870	16.73%	1.279%
55	15.557	2148	2154	2158	rBV2	12661	16420	0.80%	0.061%
56	15.745	2182	2186	2190	rVB5	2561	3074	0.15%	0.011%
57	15.804	2190	2196	2201	rBV8	2016	3804	0.19%	0.014%
58	15.998	2225	2229	2234	rVV7	2709	4854	0.24%	0.018%
59	16.051	2234	2238	2240	rVV4	4614	6175	0.30%	0.023%
60	16.104	2243	2247	2252	rVB5	7214	12300	0.60%	0.046%
61	16.221	2263	2267	2271	rVB4	3698	4588	0.22%	0.017%
62	16.309	2278	2282	2289	rVB4	6668	9483	0.46%	0.035%
63	16.386	2289	2295	2297	rBV6	2199	4391	0.21%	0.016%
64	16.468	2302	2309	2311	rBV7	2934	6658	0.32%	0.025%
65	16.574	2322	2327	2329	rVB3	2807	4898	0.24%	0.018%
66	16.615	2329	2334	2338	rBV7	2769	6143	0.30%	0.023%
67	16.692	2346	2347	2350	rBV3	1979	2113	0.10%	0.008%
68	16.809	2362	2367	2370	rBV5	10198	14751	0.72%	0.055%
69	16.892	2379	2381	2384	rVB4	2414	2417	0.12%	0.009%
70	16.968	2390	2394	2397	rBV4	5069	5216	0.25%	0.019%
71	17.062	2403	2410	2416	rBV	715007	994402	48.38%	3.698%

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72	17.162	2420	2427	2434	rBV	1217960	1682367	81.85%	6.256%
73	17.256	2439	2443	2448	rVB7	5414	8336	0.41%	0.031%
74	17.315	2448	2453	2454	rBV5	3815	5201	0.25%	0.019%
75	17.392	2462	2466	2468	rBV5	2618	3236	0.16%	0.012%
76	17.580	2494	2498	2500	rBV5	2655	4261	0.21%	0.016%
77	17.604	2500	2502	2505	rBV4	2734	3587	0.17%	0.013%
78	17.674	2512	2514	2518	rBV3	2138	2275	0.11%	0.008%
79	17.745	2521	2526	2531	rVB9	4983	7946	0.39%	0.030%
80	17.851	2541	2544	2549	rVV6	5476	8970	0.44%	0.033%
81	17.968	2559	2564	2573	rBV	225531	336791	16.39%	1.252%
82	18.115	2588	2589	2592	rBV2	3304	3149	0.15%	0.012%
83	18.262	2611	2614	2617	rBV5	4357	6623	0.32%	0.025%
84	18.398	2634	2637	2640	rVB4	5369	5179	0.25%	0.019%
85	18.633	2675	2677	2678	rBV2	2841	2180	0.11%	0.008%
86	18.733	2690	2694	2698	rBV4	5387	6869	0.33%	0.026%
87	18.945	2729	2730	2732	rBV2	2475	2377	0.12%	0.009%
88	19.092	2751	2755	2758	rBV3	14483	23552	1.15%	0.088%
89	19.127	2758	2761	2771	rVB7	24024	44367	2.16%	0.165%
90	19.250	2777	2782	2793	rBV	80967	132787	6.46%	0.494%
91	19.339	2795	2797	2801	rVB2	11782	14386	0.70%	0.053%
92	19.456	2811	2817	2824	rBV	1334355	1820476	88.57%	6.770%
93	19.980	2903	2906	2910	rBV5	16658	23139	1.13%	0.086%
94	20.968	3069	3074	3084	rBV	537208	806756	39.25%	3.000%
95	21.239	3115	3120	3130	rBV	821132	1032566	50.23%	3.840%
96	22.791	3381	3384	3388	rVB	79872	101908	4.96%	0.379%
97	23.309	3466	3472	3485	rVB	1034067	2055477	100.00%	7.644%
98	23.450	3490	3496	3504	rVB	580424	1084638	52.77%	4.033%
99	24.074	3598	3602	3612	rVB3	130284	294615	14.33%	1.096%

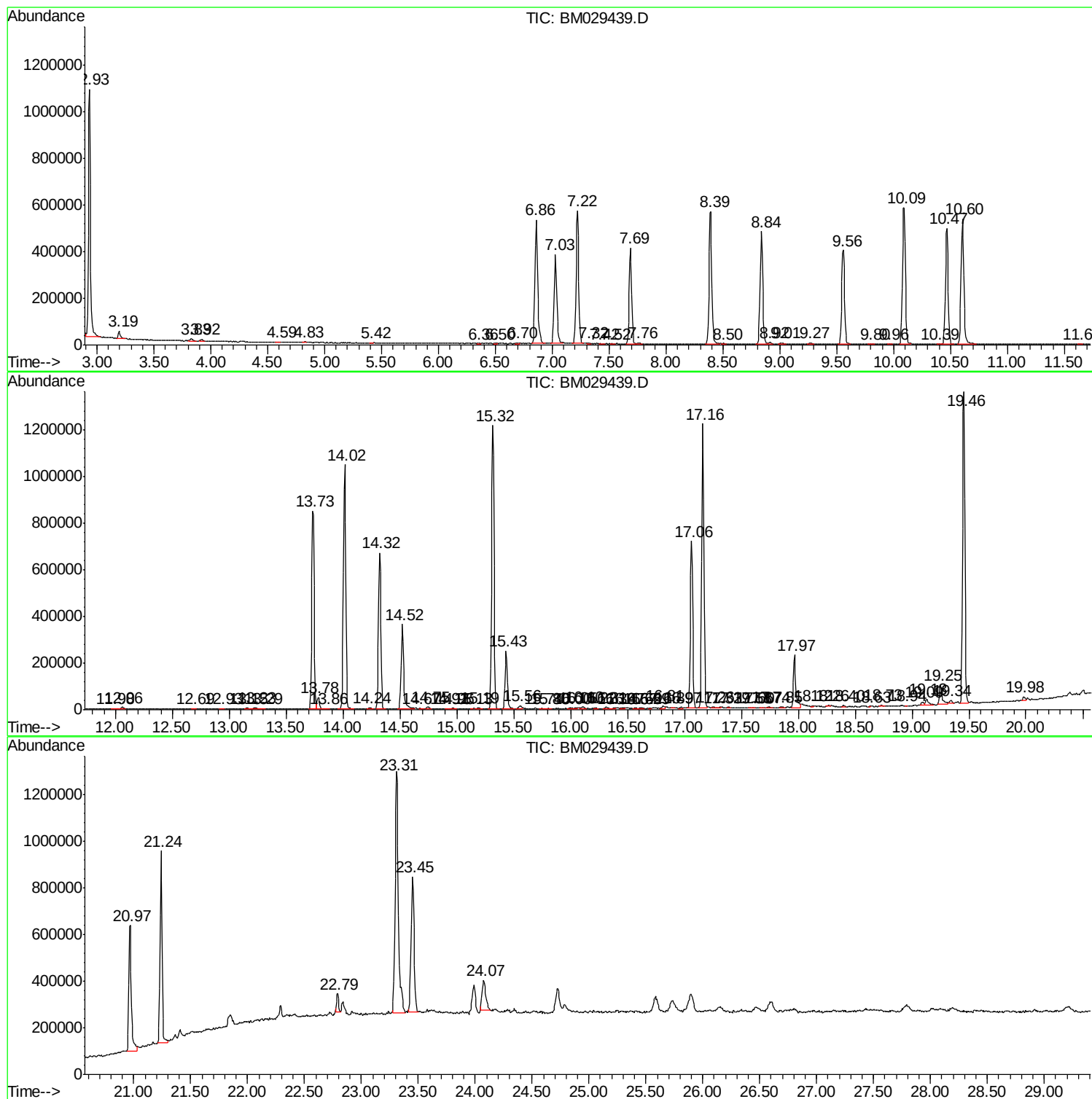
Sum of corrected areas: 26891297

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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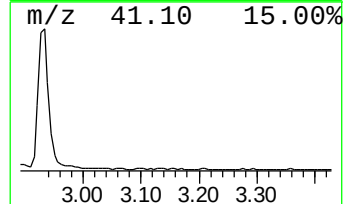
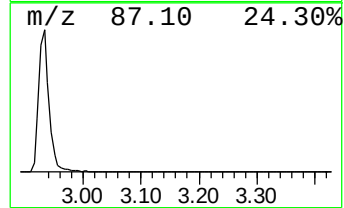
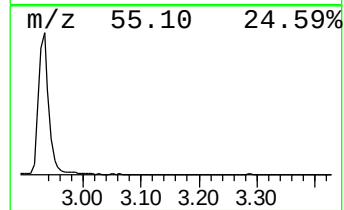
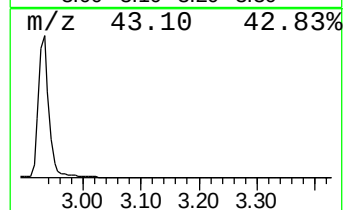
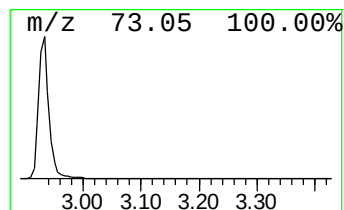
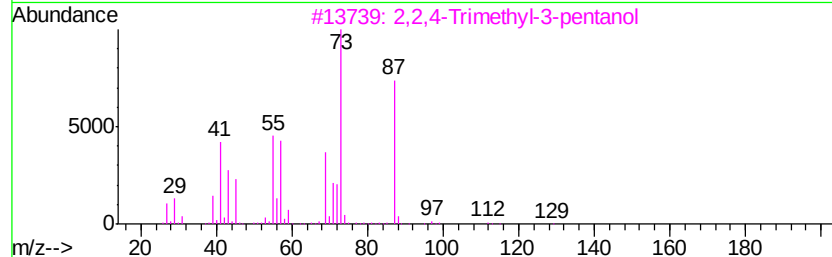
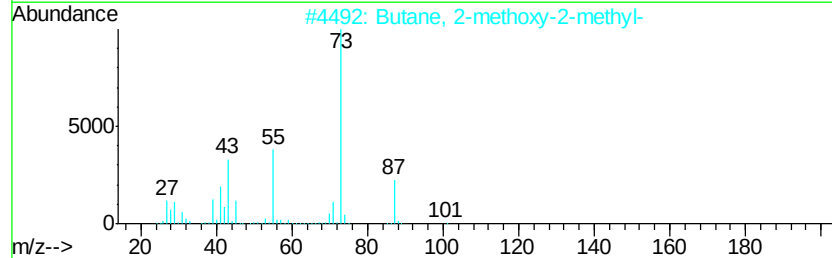
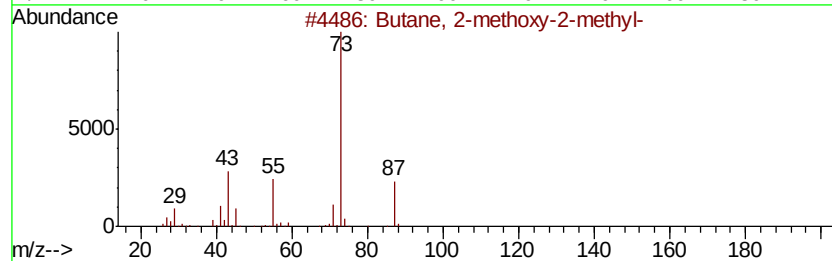
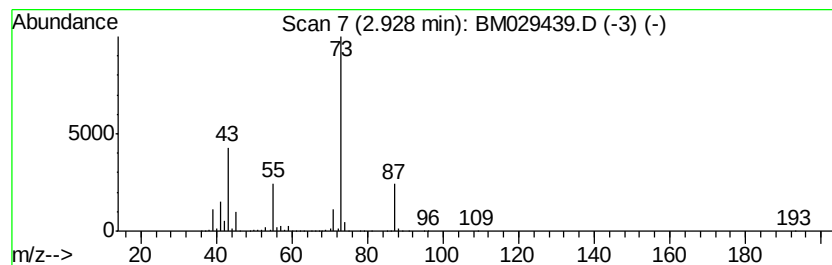
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
2.93	41.34 ng/ul	1333430	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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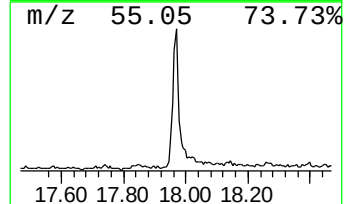
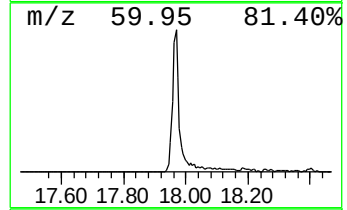
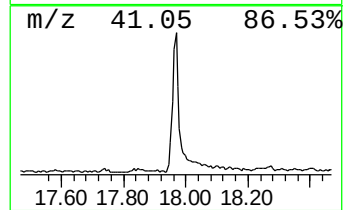
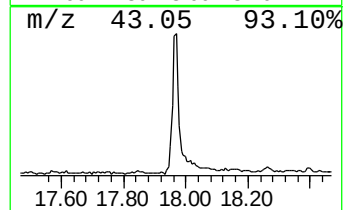
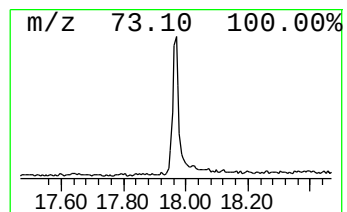
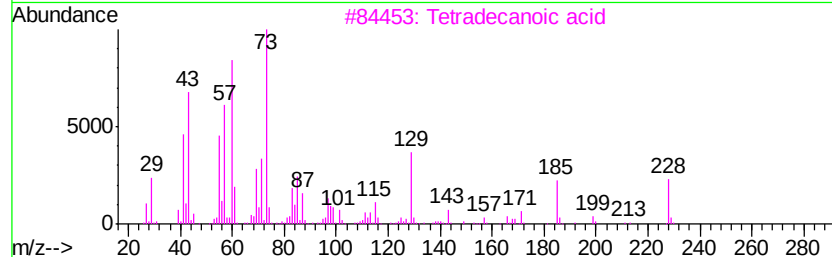
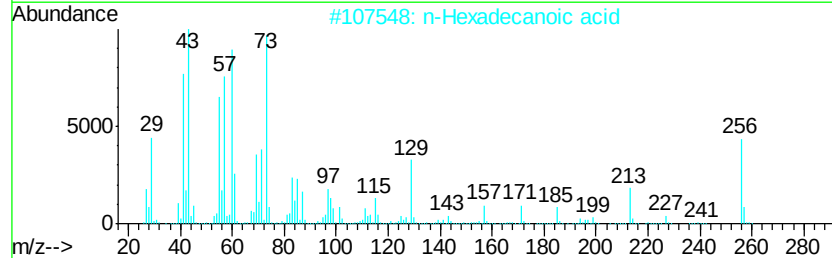
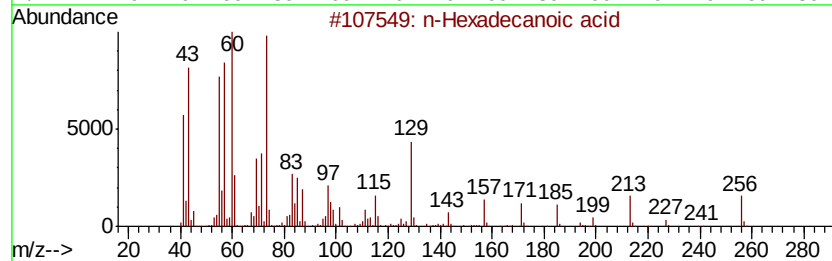
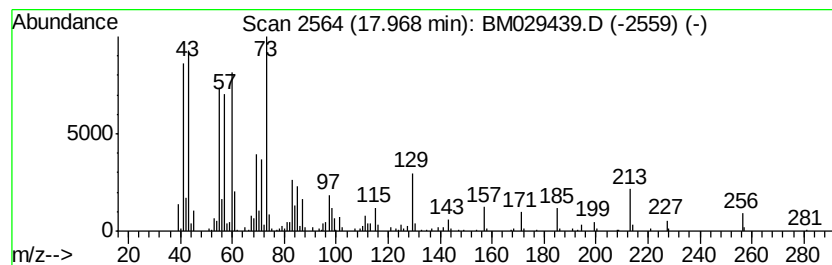
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.77 ng/ul	336791	Phenanthrene-d10	17.06

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	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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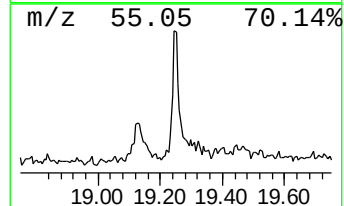
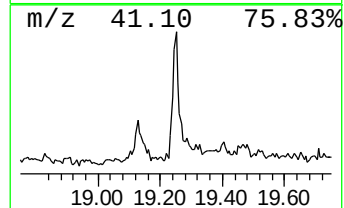
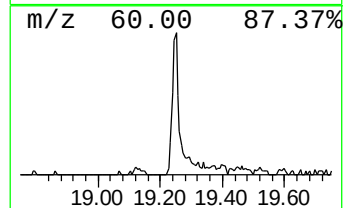
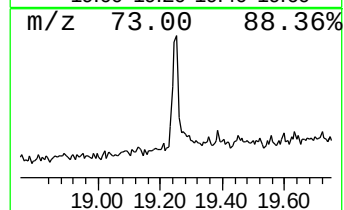
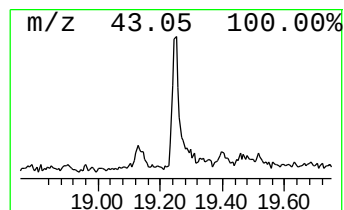
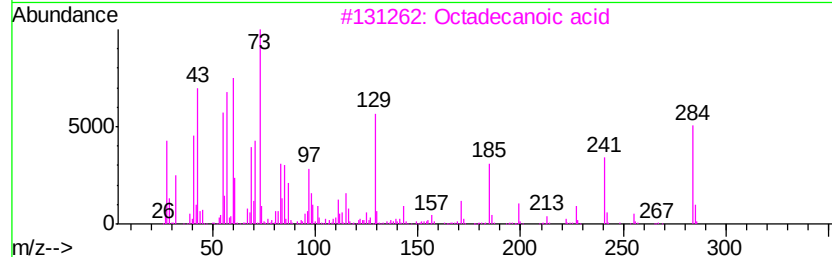
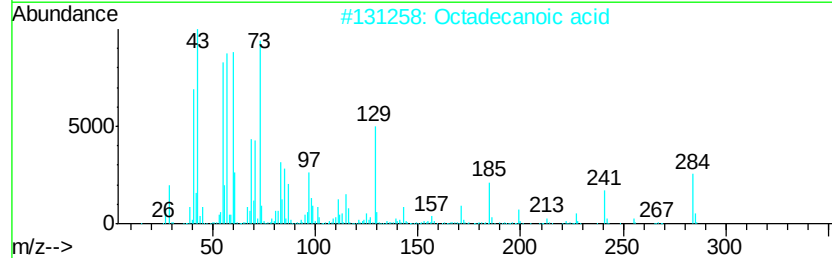
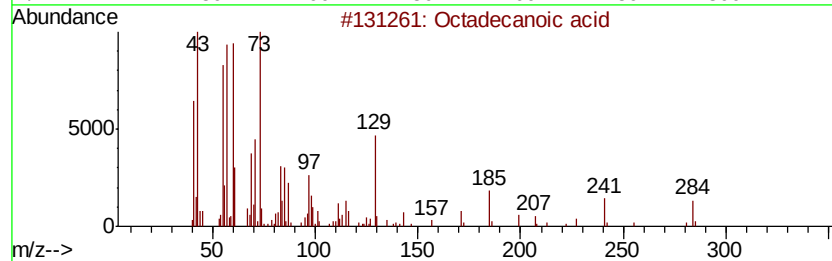
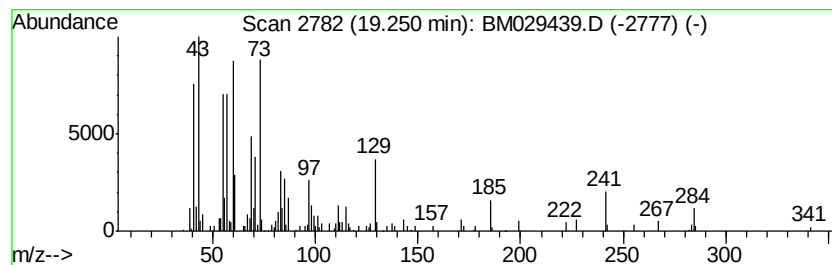
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.57 ng/ul	132787	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	98
5		n-Decanoic acid	172	C10H20O2	000334-48-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029439.D
Acq On : 09 Apr 2021 19:50
Operator : CG/JU
Sample : M1881-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQF5

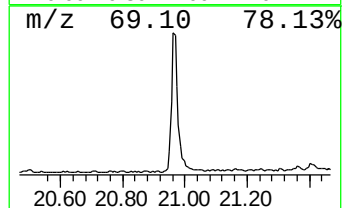
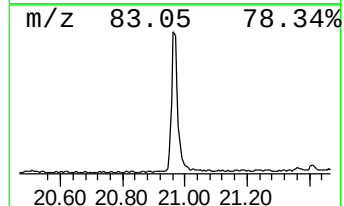
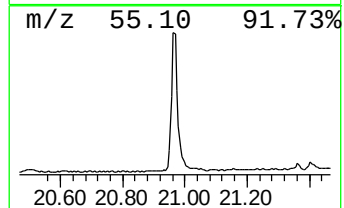
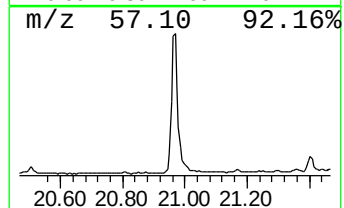
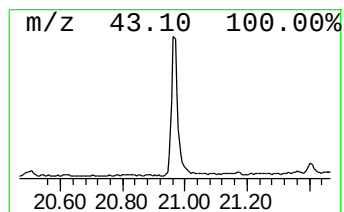
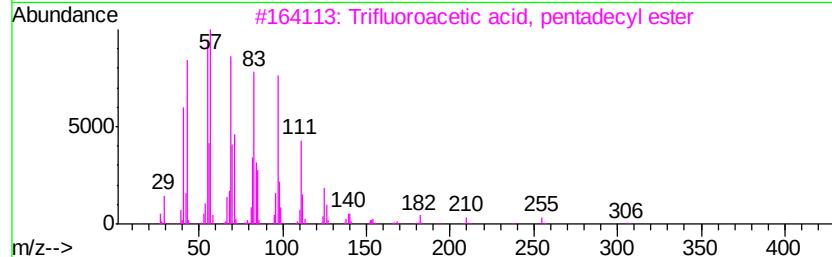
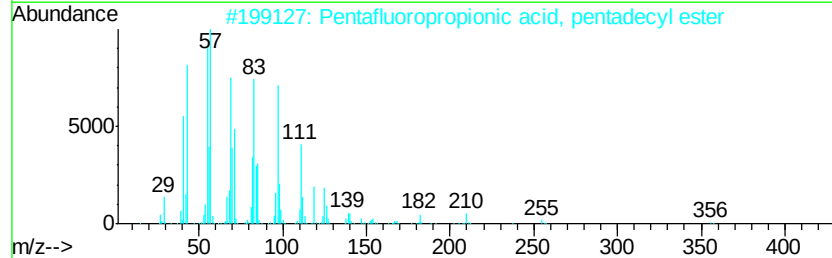
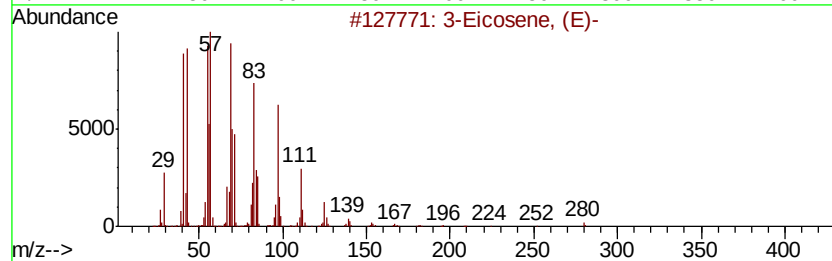
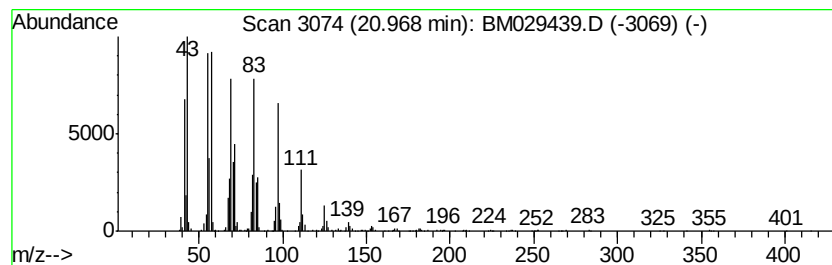
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	15.63 ng/ul	806756	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Eicosene, (E)-	280	C20H40	074685-33-9	94
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		1-Docosene	308	C22H44	001599-67-3	93



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Misc :
ALS Vial : 16 Sample Multiplier: 1

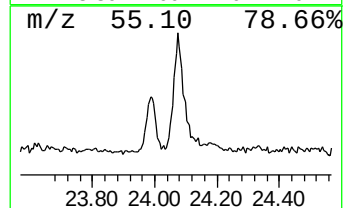
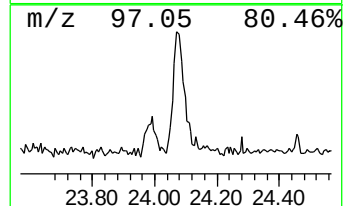
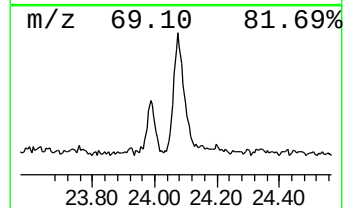
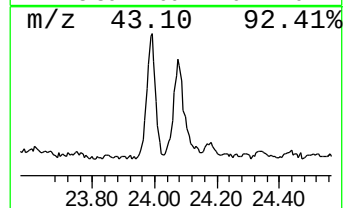
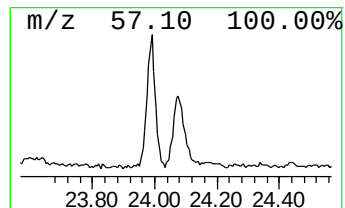
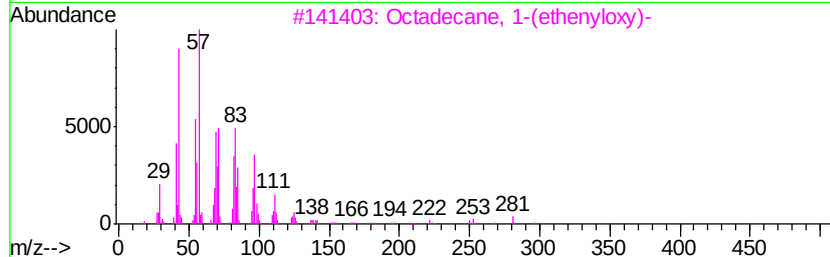
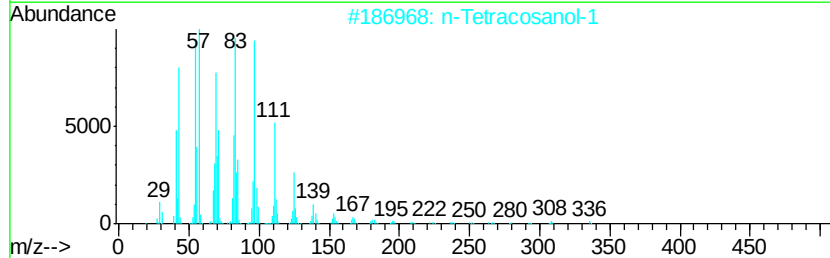
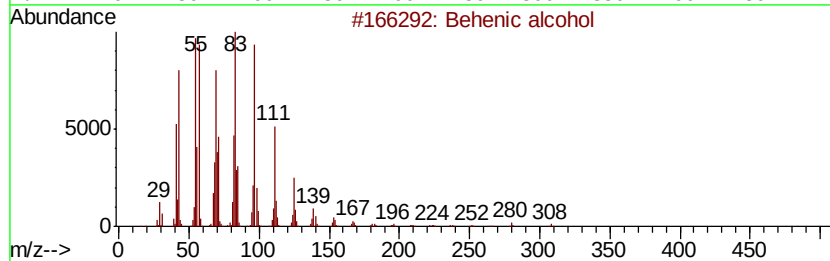
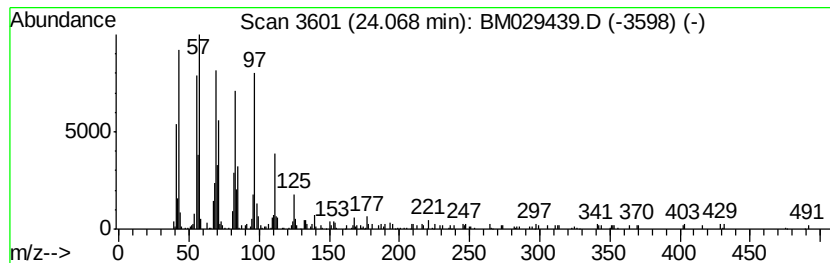
Instrument :
BNA_M
ClientSampleId :
ESQF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	5.43 ng/ul	294615	Perylene-d12	23.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 87
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 87
3		Octadecane, 1-(ethenvloxy)-	296 C20H40O	000930-02-9 86
4		Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3 86
5		3-Eicosene, (E)-	280 C20H40	074685-33-9 83



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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.93	41.3	ng/ul	1333430	1	7.69	645119	20.0
n-Hexadecanoic acid	17.97	6.8	ng/ul	336791	4	17.06	994402	20.0
Octadecanoic acid	19.25	2.6	ng/ul	132787	5	21.24	1032570	20.0
(DEL) Alkane: Str...	20.97	15.6	ng/ul	806756	5	21.24	1032570	20.0
Behenic alcohol	24.07	5.4	ng/ul	294615	6	23.45	1084640	20.0