

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029441.D
 Acq On : 09 Apr 2021 21:04
 Operator : CG/JU
 Sample : M1881-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQG1

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	24	rVB	957786	1251242	78.91%	4.969%
2	3.193	49	52	60	rVB	28707	38284	2.41%	0.152%
3	3.828	156	160	167	rVB4	9524	16404	1.03%	0.065%
4	3.910	170	174	181	rBV4	10073	15798	1.00%	0.063%
5	4.263	231	234	235	rBV2	2355	2619	0.17%	0.010%
6	4.863	333	336	339	rBV5	2382	2828	0.18%	0.011%
7	5.004	359	360	365	rVB5	2343	2495	0.16%	0.010%
8	6.693	642	647	652	rBV7	3543	7347	0.46%	0.029%
9	6.857	669	675	687	rVB	495376	830053	52.35%	3.296%
10	7.028	697	704	718	rBV	346044	570757	35.99%	2.267%
11	7.222	729	737	750	rBV	517875	824759	52.01%	3.275%
12	7.687	807	816	824	rBV	463315	731405	46.12%	2.904%
13	7.757	824	828	834	rVV4	5372	10031	0.63%	0.040%
14	8.387	928	935	949	rBV	525367	856437	54.01%	3.401%
15	8.839	1005	1012	1021	rBV	450991	742378	46.82%	2.948%
16	9.010	1036	1041	1045	rBV7	3607	5110	0.32%	0.020%
17	9.275	1078	1086	1090	rVB2	6340	10070	0.64%	0.040%
18	9.557	1125	1134	1147	rBV	374976	634212	39.99%	2.519%
19	9.975	1201	1205	1213	rBV5	2252	4669	0.29%	0.019%
20	10.086	1215	1224	1237	rBV	540419	922279	58.16%	3.662%
21	10.469	1281	1289	1296	rVV	581511	961735	60.65%	3.819%
22	10.604	1303	1312	1330	rBV	497452	872212	55.00%	3.464%
23	11.263	1420	1424	1427	rBV5	1649	2555	0.16%	0.010%
24	11.898	1529	1532	1538	rVB6	2321	4302	0.27%	0.017%
25	11.980	1543	1546	1551	rVV5	2727	4971	0.31%	0.020%
26	12.063	1555	1560	1565	rVB2	8026	12892	0.81%	0.051%
27	12.863	1692	1696	1701	rBV3	2494	4271	0.27%	0.017%
28	12.933	1704	1708	1712	rVV5	2337	3272	0.21%	0.013%
29	13.157	1742	1746	1752	rVB5	9753	13880	0.88%	0.055%
30	13.227	1752	1758	1763	rBV	36309	58054	3.66%	0.231%
31	13.286	1765	1768	1773	rVV6	2168	4529	0.29%	0.018%
32	13.545	1809	1812	1816	rBV5	2501	4298	0.27%	0.017%
33	13.733	1838	1844	1849	rBV	815284	1102005	69.50%	4.376%
34	13.780	1849	1852	1858	rVV	68901	95408	6.02%	0.379%

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35	13.857	1862	1865	1868	rBV4	1454	2227	0.14%	0.009%
36	14.016	1882	1892	1901	rVV	923005	1389644	87.63%	5.518%
37	14.233	1925	1929	1934	rVB3	5948	9399	0.59%	0.037%
38	14.322	1938	1944	1951	rBV	796601	1102087	69.50%	4.377%
39	14.521	1970	1978	1993	rBV	295008	483982	30.52%	1.922%
40	14.616	1993	1994	1999	rVV5	3767	4724	0.30%	0.019%
41	14.680	1999	2005	2009	rVV7	1963	4567	0.29%	0.018%
42	14.751	2012	2017	2021	rBV6	6201	9184	0.58%	0.036%
43	14.857	2031	2035	2040	rBV7	1758	2980	0.19%	0.012%
44	14.916	2042	2045	2050	rBV5	3095	5211	0.33%	0.021%
45	15.133	2078	2082	2085	rBV4	4019	6516	0.41%	0.026%
46	15.186	2088	2091	2095	rVB5	6044	6814	0.43%	0.027%
47	15.316	2106	2113	2120	rBV	1093498	1544582	97.41%	6.134%
48	15.433	2127	2133	2143	rBV2	208546	307471	19.39%	1.221%
49	15.557	2150	2154	2159	rVV2	13605	19243	1.21%	0.076%
50	15.592	2159	2160	2165	rVB4	3043	3257	0.21%	0.013%
51	15.692	2173	2177	2180	rVV5	2253	3038	0.19%	0.012%
52	15.739	2183	2185	2189	rVV4	2170	2417	0.15%	0.010%
53	15.816	2193	2198	2200	rVB5	1825	3027	0.19%	0.012%
54	15.992	2226	2228	2233	rVV5	2624	3346	0.21%	0.013%
55	16.045	2234	2237	2240	rVV4	5178	6641	0.42%	0.026%
56	16.104	2243	2247	2253	rVB7	7090	12404	0.78%	0.049%
57	16.204	2259	2264	2265	rBV4	3408	3775	0.24%	0.015%
58	16.310	2278	2282	2287	rVB	12301	16653	1.05%	0.066%
59	16.474	2304	2310	2312	rBV6	3702	6084	0.38%	0.024%
60	16.810	2360	2367	2370	rBV4	7911	12146	0.77%	0.048%
61	16.839	2370	2372	2377	rVV6	6229	10103	0.64%	0.040%
62	16.886	2377	2380	2384	rVB4	2801	3794	0.24%	0.015%
63	16.968	2392	2394	2396	rBV3	2335	2228	0.14%	0.009%
64	17.063	2403	2410	2417	rBV	804882	1101410	69.46%	4.374%
65	17.162	2420	2427	2434	rBV	1074380	1486723	93.76%	5.904%
66	17.257	2438	2443	2448	rVB7	3882	6143	0.39%	0.024%
67	17.315	2448	2453	2456	rBV7	4643	6543	0.41%	0.026%
68	17.380	2460	2464	2467	rBV5	2935	4224	0.27%	0.017%
69	17.457	2474	2477	2482	rVB7	3392	4783	0.30%	0.019%
70	17.568	2493	2496	2499	rBV5	3016	4445	0.28%	0.018%
71	17.739	2522	2525	2528	rBV5	4175	4657	0.29%	0.018%

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72	17.845	2540	2543	2550	rBV9	4450	9191	0.58%	0.036%
73	17.904	2550	2553	2558	rBV6	6118	8283	0.52%	0.033%
74	17.962	2558	2563	2569	rBV2	119100	169846	10.71%	0.674%
75	18.262	2611	2614	2617	rBV5	6583	8046	0.51%	0.032%
76	18.398	2633	2637	2641	rVB4	11995	13651	0.86%	0.054%
77	18.462	2646	2648	2652	rVB5	5012	4542	0.29%	0.018%
78	18.562	2662	2665	2669	rBV5	3736	4906	0.31%	0.019%
79	18.733	2688	2694	2698	rBV	21495	31388	1.98%	0.125%
80	18.774	2698	2701	2705	rVV5	5700	7295	0.46%	0.029%
81	18.827	2706	2710	2717	rVV7	12790	24839	1.57%	0.099%
82	18.898	2720	2722	2727	rVB4	6735	8865	0.56%	0.035%
83	18.992	2735	2738	2739	rBV4	3037	3924	0.25%	0.016%
84	19.086	2750	2754	2758	rBV3	13670	23025	1.45%	0.091%
85	19.145	2758	2764	2772	rVB3	10217	26466	1.67%	0.105%
86	19.245	2777	2781	2787	rBV3	43551	65870	4.15%	0.262%
87	19.451	2811	2816	2824	rBV	1125975	1585729	100.00%	6.297%
88	19.515	2824	2827	2831	rVB4	12946	14849	0.94%	0.059%
89	20.009	2909	2911	2916	rVB2	20746	21323	1.34%	0.085%
90	20.503	2993	2995	2999	rVB	30884	33096	2.09%	0.131%
91	20.586	3007	3009	3014	rVB	19226	20210	1.27%	0.080%
92	20.962	3069	3073	3084	rBV	326479	503311	31.74%	1.999%
93	21.239	3115	3120	3125	rBV	863253	1087414	68.58%	4.318%
94	21.403	3145	3148	3152	rBV2	55006	62135	3.92%	0.247%
95	21.833	3218	3221	3231	rVB3	60577	107207	6.76%	0.426%
96	22.286	3296	3298	3304	rVB2	66008	74613	4.71%	0.296%
97	22.786	3380	3383	3387	rVB	87360	109742	6.92%	0.436%
98	23.309	3466	3472	3477	rBV	842348	1545735	97.48%	6.138%
99	23.450	3490	3496	3504	rVB2	627448	1164468	73.43%	4.624%
100	23.986	3583	3587	3595	rVB	115607	211856	13.36%	0.841%

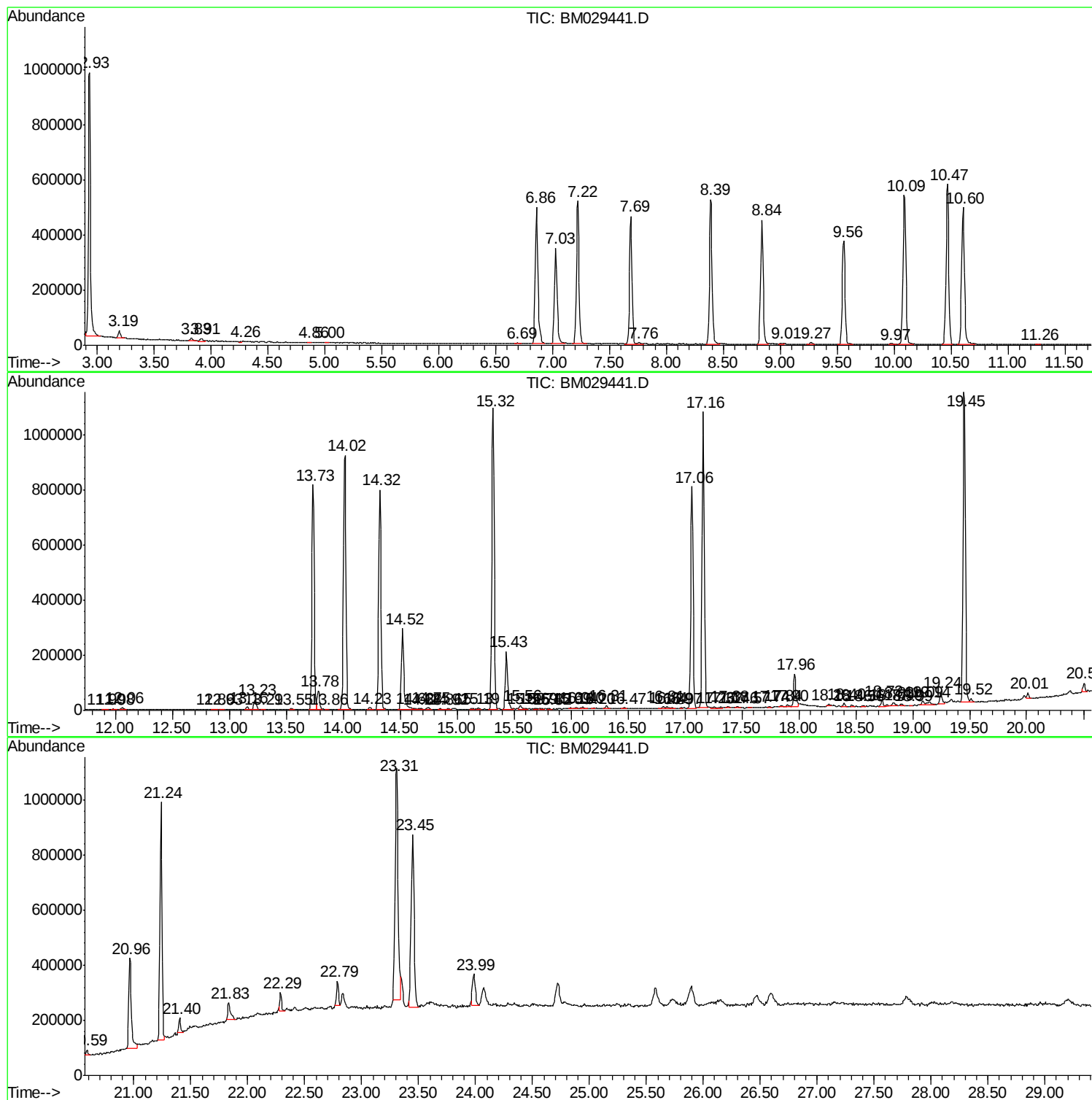
Sum of corrected areas: 25181858

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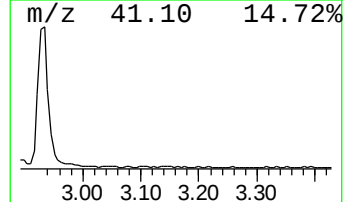
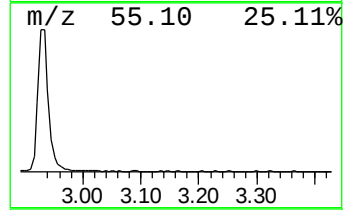
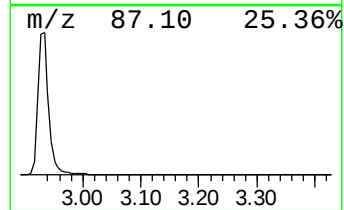
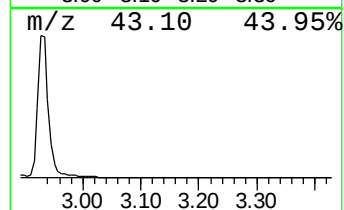
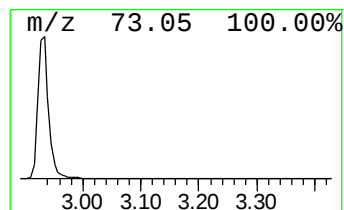
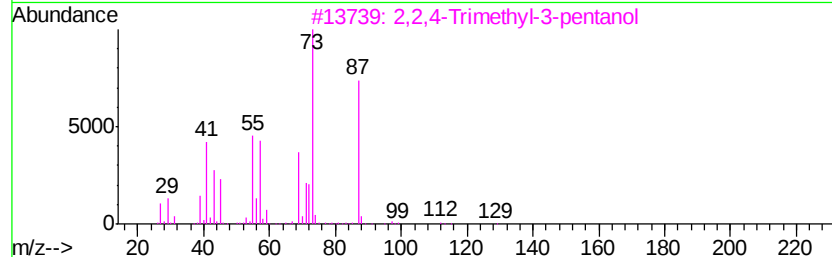
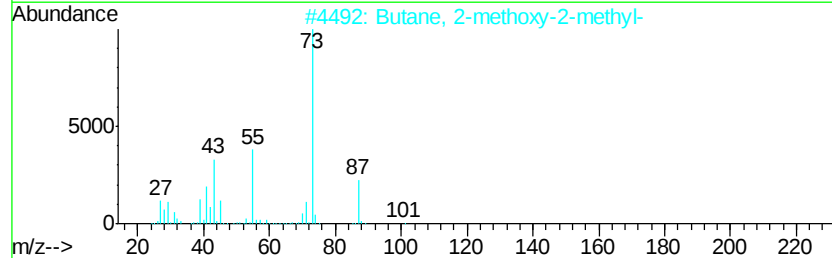
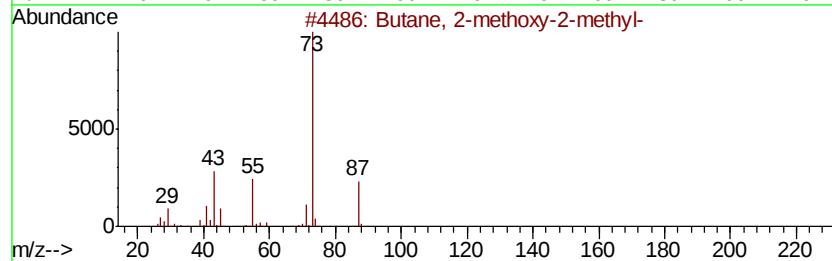
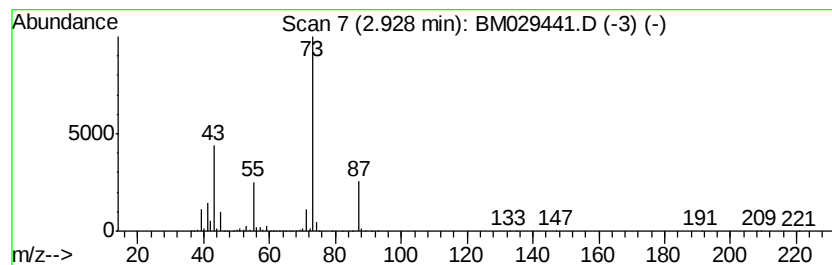
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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	34.21 ng/ul	1251240	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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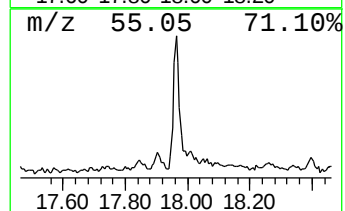
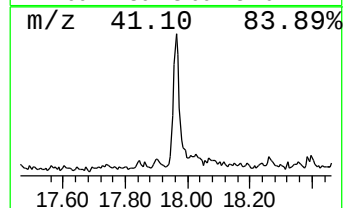
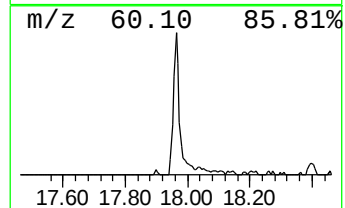
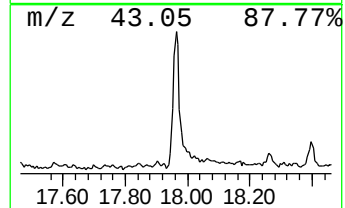
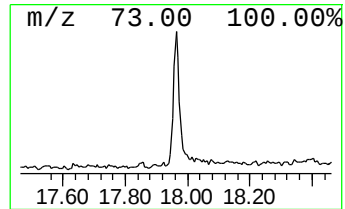
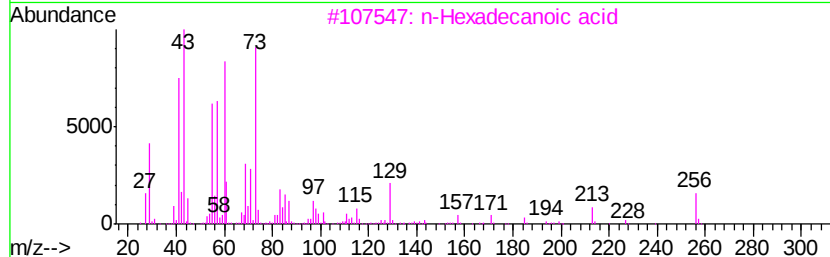
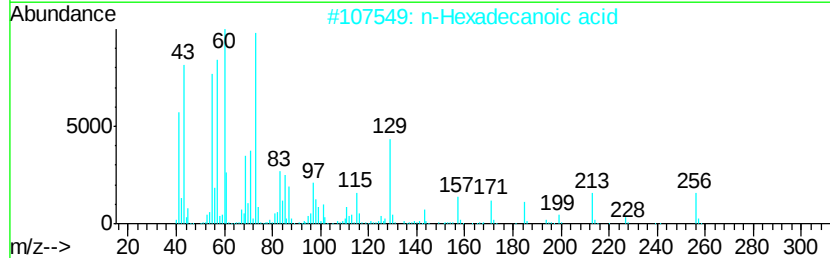
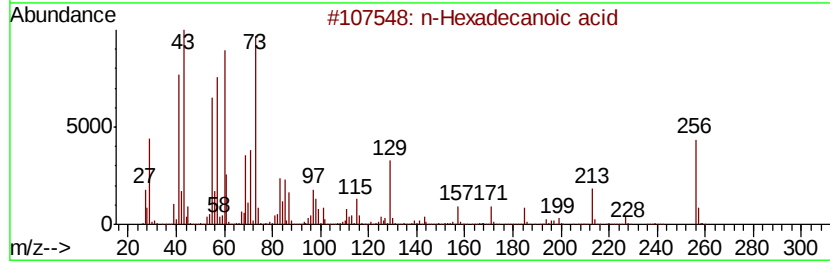
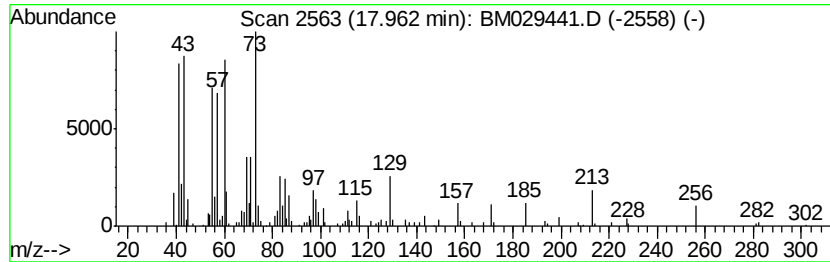
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.08 ng/ul	169846	Phenanthrene-d10	17.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83	



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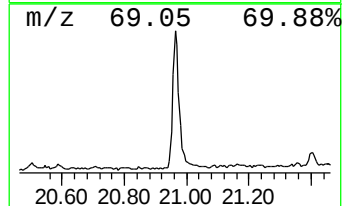
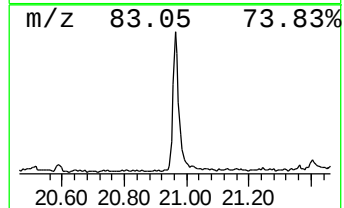
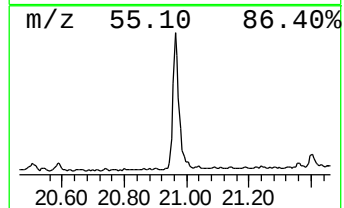
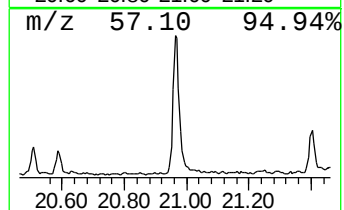
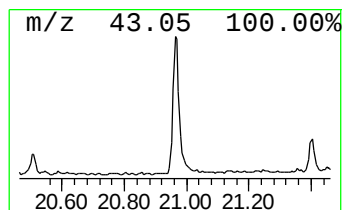
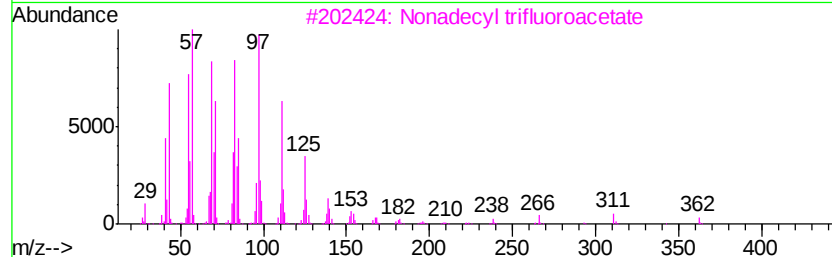
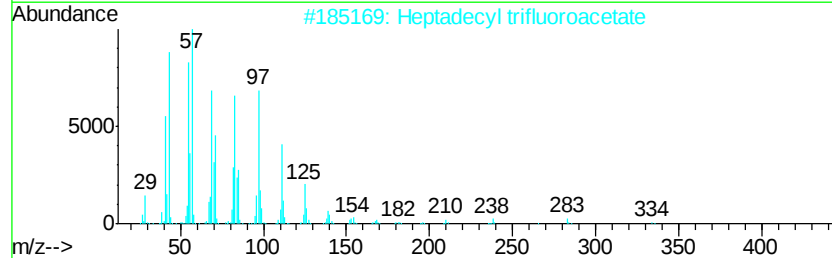
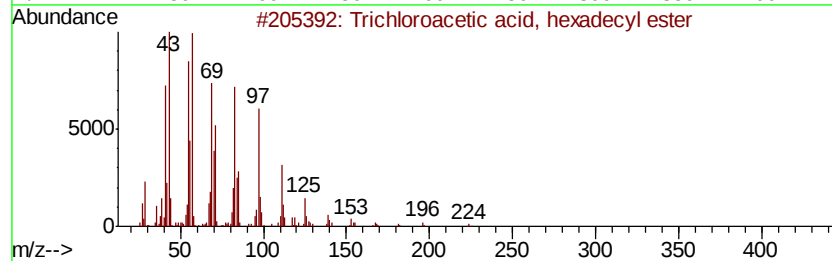
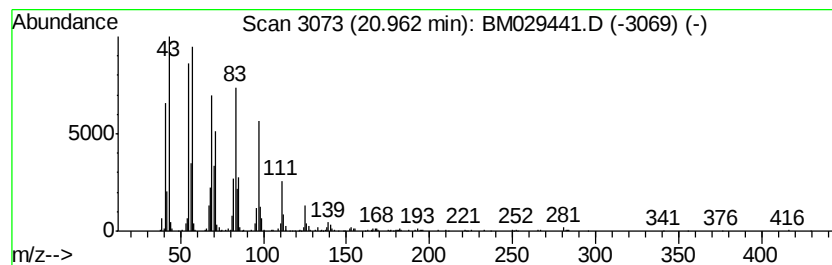
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	9.26 ng/ul	503311	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029441.D
Acq On : 09 Apr 2021 21:04
Operator : CG/JU
Sample : M1881-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQG1

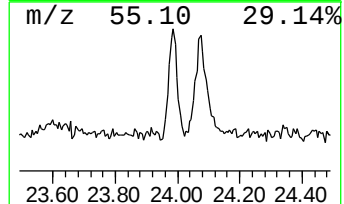
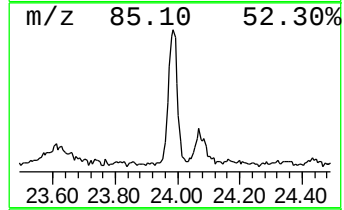
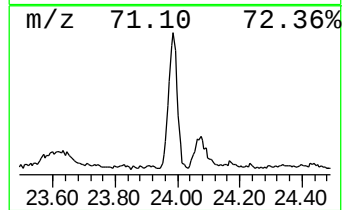
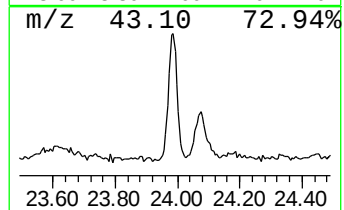
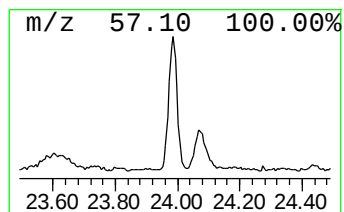
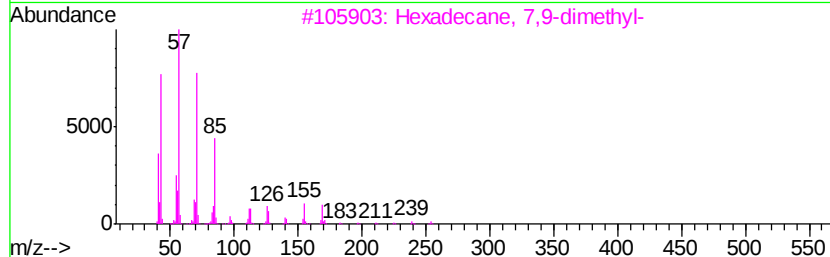
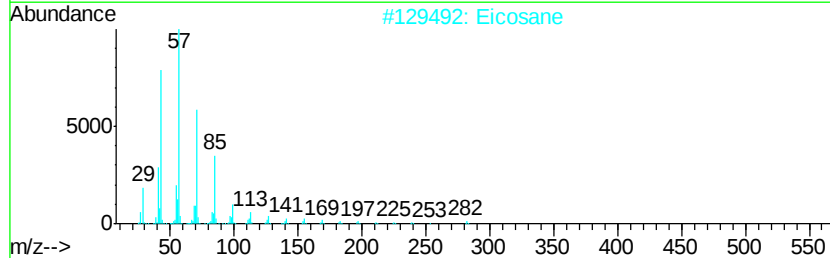
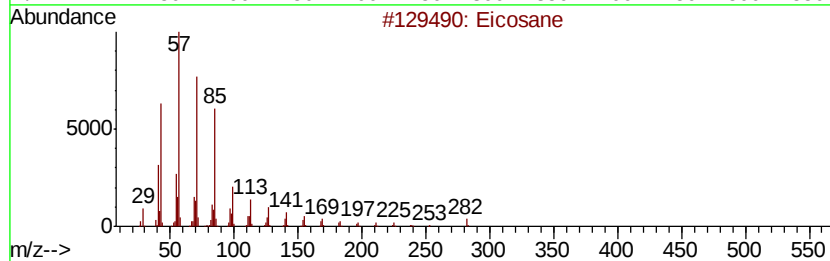
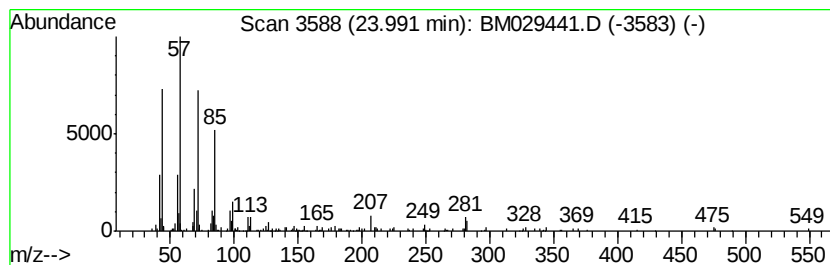
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.64 ng/ul	211856	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	90
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
5		Tetradecane	198	C14H30	000629-59-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040921\
Data File : BM029441.D
Acq On : 09 Apr 2021 21:04
Operator : CG/JU
Sample : M1881-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQG1

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	34.2	ng/ul	1251240	1	7.69	731405	20.0
n-Hexadecanoic acid	17.96	3.1	ng/ul	169846	4	17.06	1101410	20.0
Trichloroacetic a...	20.96	9.3	ng/ul	503311	5	21.24	1087410	20.0
(DEL) Alkane: Str...	23.99	3.6	ng/ul	211856	6	23.45	1164470	20.0