

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029406.D
 Acq On : 08 Apr 2021 12:48
 Operator : CG/JU
 Sample : M1881-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQF7

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	22	rVB	1281622	1611782	72.26%	6.539%
2	3.193	49	52	58	rVB	19978	24047	1.08%	0.098%
3	3.828	156	160	165	rVB2	10536	17068	0.77%	0.069%
4	3.916	171	175	181	rVB3	7292	12282	0.55%	0.050%
5	4.163	213	217	223	rVV	24167	30934	1.39%	0.125%
6	4.222	223	227	234	rVB	45027	60569	2.72%	0.246%
7	5.440	429	434	442	rVB5	7644	15026	0.67%	0.061%
8	5.593	456	460	464	rVB6	3570	6768	0.30%	0.027%
9	5.763	485	489	492	rBV6	1864	3124	0.14%	0.013%
10	6.193	558	562	565	rBV5	2857	4208	0.19%	0.017%
11	6.693	639	647	650	rBV9	2596	5630	0.25%	0.023%
12	6.857	669	675	687	rBV	104061	192728	8.64%	0.782%
13	7.028	698	704	714	rBV	300055	482396	21.63%	1.957%
14	7.222	730	737	746	rBV	377618	594659	26.66%	2.412%
15	7.293	746	749	756	rVB6	5383	9958	0.45%	0.040%
16	7.563	789	795	798	rBV2	7938	12215	0.55%	0.050%
17	7.687	809	816	826	rBV	375632	597264	26.78%	2.423%
18	8.240	905	910	918	rBV	18574	29247	1.31%	0.119%
19	8.393	928	936	944	rBV	274488	456384	20.46%	1.852%
20	8.792	997	1004	1005	rBV3	5995	8311	0.37%	0.034%
21	8.840	1005	1012	1023	rVB	394440	652621	29.26%	2.648%
22	9.028	1038	1044	1054	rVB5	11944	21705	0.97%	0.088%
23	9.134	1056	1062	1068	rVB	17225	25881	1.16%	0.105%
24	9.275	1079	1086	1089	rVV3	9099	17273	0.77%	0.070%
25	9.310	1089	1092	1097	rVV2	13480	19011	0.85%	0.077%
26	9.375	1101	1103	1108	rVV4	2097	3272	0.15%	0.013%
27	9.487	1115	1122	1126	rBV2	5958	10388	0.47%	0.042%
28	9.557	1127	1134	1144	rVV	334984	546740	24.51%	2.218%
29	9.675	1148	1154	1158	rVB	10294	16780	0.75%	0.068%
30	9.757	1163	1168	1174	rBV2	17180	26078	1.17%	0.106%
31	9.875	1183	1188	1197	rVB4	9539	16613	0.74%	0.067%
32	10.039	1209	1216	1218	rBV3	6839	10623	0.48%	0.043%
33	10.092	1218	1225	1236	rVB	498262	852433	38.22%	3.458%
34	10.322	1258	1264	1267	rBV4	5369	8173	0.37%	0.033%

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35	10.469	1282	1289	1295	rVV	488496	808208	36.23%	3.279%
36	10.534	1295	1300	1307	rVV4	15654	31858	1.43%	0.129%
37	10.610	1307	1313	1325	rVV	42256	86470	3.88%	0.351%
38	10.839	1348	1352	1358	rVB2	7039	10755	0.48%	0.044%
39	10.934	1363	1368	1374	rVV4	4260	7877	0.35%	0.032%
40	11.045	1381	1387	1394	rVB4	10631	21277	0.95%	0.086%
41	11.151	1401	1405	1412	rBV5	2829	5349	0.24%	0.022%
42	11.369	1438	1442	1450	rVB7	6861	11677	0.52%	0.047%
43	11.545	1466	1472	1474	rBV6	1704	3180	0.14%	0.013%
44	11.798	1511	1515	1522	rVB2	15721	26054	1.17%	0.106%
45	11.863	1522	1526	1529	rVV3	2382	3513	0.16%	0.014%
46	11.904	1529	1533	1540	rVB7	3809	8288	0.37%	0.034%
47	12.022	1548	1553	1555	rBV5	4078	5489	0.25%	0.022%
48	12.063	1557	1560	1569	rVV4	7453	14263	0.64%	0.058%
49	12.139	1569	1573	1576	rVV4	2159	3275	0.15%	0.013%
50	12.339	1600	1607	1615	rBV9	4740	9918	0.44%	0.040%
51	12.428	1619	1622	1623	rBV2	3895	3377	0.15%	0.014%
52	12.580	1645	1648	1650	rBV2	4690	5499	0.25%	0.022%
53	12.616	1650	1654	1658	rVB2	6495	9067	0.41%	0.037%
54	12.663	1658	1662	1669	rVB6	2781	5477	0.25%	0.022%
55	12.792	1678	1684	1687	rBV5	7782	12361	0.55%	0.050%
56	12.875	1694	1698	1703	rBV3	2865	5370	0.24%	0.022%
57	13.163	1742	1747	1751	rBV2	12415	18550	0.83%	0.075%
58	13.233	1754	1759	1760	rVV4	4704	6995	0.31%	0.028%
59	13.292	1764	1769	1773	rVV4	8229	13490	0.60%	0.055%
60	13.327	1773	1775	1779	rVB4	3493	4601	0.21%	0.019%
61	13.657	1823	1831	1834	rBV9	4482	7339	0.33%	0.030%
62	13.739	1838	1845	1850	rVV	946483	1301936	58.37%	5.282%
63	13.780	1850	1852	1858	rVV	61750	85101	3.82%	0.345%
64	13.827	1858	1860	1866	rVV7	4652	8715	0.39%	0.035%
65	13.922	1871	1876	1877	rBV5	2453	3721	0.17%	0.015%
66	14.016	1881	1892	1904	rBV	1064606	1523146	68.29%	6.179%
67	14.239	1925	1930	1935	rBV3	7093	10108	0.45%	0.041%
68	14.322	1935	1944	1952	rBV	680404	1014125	45.47%	4.114%
69	14.522	1972	1978	1991	rBV3	70815	157185	7.05%	0.638%
70	14.922	2044	2046	2050	rVV5	3615	4797	0.22%	0.019%
71	15.074	2068	2072	2074	rBV3	2400	3211	0.14%	0.013%

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72	15.151	2080	2085	2088	rBV5	6763	12490	0.56%	0.051%
73	15.192	2089	2092	2094	rVB	6559	6428	0.29%	0.026%
74	15.316	2106	2113	2120	rBV	1319478	1841039	82.54%	7.469%
75	15.433	2127	2133	2144	rBV	461025	628080	28.16%	2.548%
76	15.557	2148	2154	2160	rVB4	16219	30454	1.37%	0.124%
77	15.686	2174	2176	2180	rVB5	3067	3573	0.16%	0.014%
78	15.716	2180	2181	2185	rBV4	2350	3098	0.14%	0.013%
79	16.004	2222	2230	2233	rBV10	5222	10885	0.49%	0.044%
80	16.051	2234	2238	2241	rVV3	5888	7879	0.35%	0.032%
81	16.104	2243	2247	2250	rVV6	5026	6790	0.30%	0.028%
82	16.316	2274	2283	2287	rBV6	8899	16075	0.72%	0.065%
83	16.386	2293	2295	2298	rBV4	3264	3433	0.15%	0.014%
84	16.463	2306	2308	2312	rVB5	3277	4031	0.18%	0.016%
85	16.574	2325	2327	2331	rBV4	3484	3400	0.15%	0.014%
86	16.845	2369	2373	2377	rBV5	7351	10320	0.46%	0.042%
87	16.939	2387	2389	2394	rVB6	3901	4331	0.19%	0.018%
88	17.063	2404	2410	2416	rBV	791176	1092908	49.00%	4.434%
89	17.163	2420	2427	2437	rVV	1425242	1956811	87.73%	7.939%
90	17.445	2474	2475	2478	rVB3	5142	3400	0.15%	0.014%
91	17.486	2478	2482	2483	rBV4	3035	3728	0.17%	0.015%
92	17.968	2558	2564	2572	rBV	137513	222789	9.99%	0.904%
93	19.086	2751	2754	2758	rBV2	19294	27477	1.23%	0.111%
94	19.251	2777	2782	2791	rBV	79570	138530	6.21%	0.562%
95	19.339	2795	2797	2801	rVB	15959	19331	0.87%	0.078%
96	19.456	2811	2817	2824	rBV	1633424	2174693	97.50%	8.823%
97	20.968	3071	3074	3081	rBV2	180870	255665	11.46%	1.037%
98	21.239	3115	3120	3129	rBV	908500	1127958	50.57%	4.576%
99	23.309	3465	3472	3488	rVB	1171892	2230543	100.00%	9.049%
100	23.450	3490	3496	3506	rVB2	621147	1139400	51.08%	4.622%

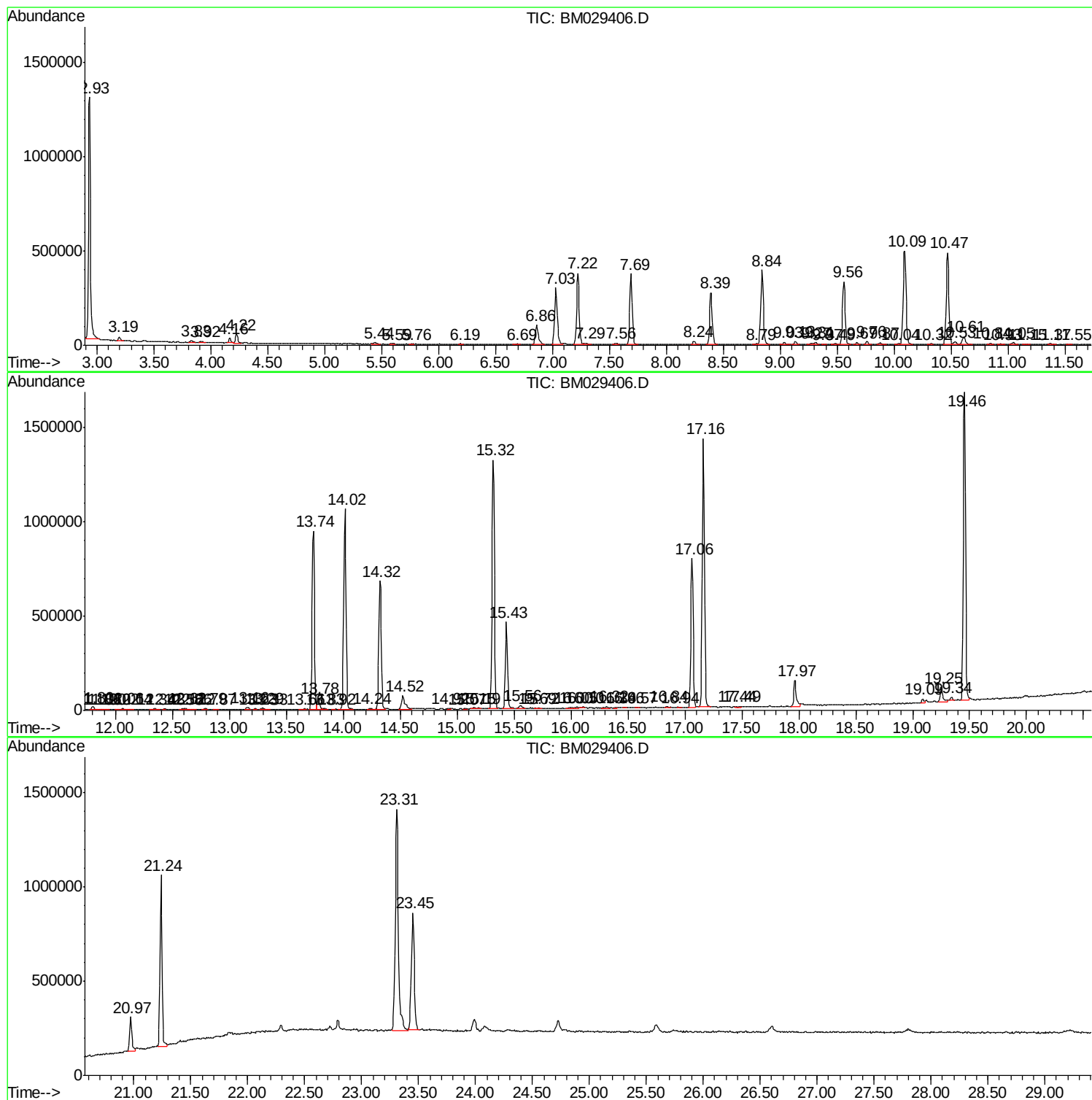
Sum of corrected areas: 24649352

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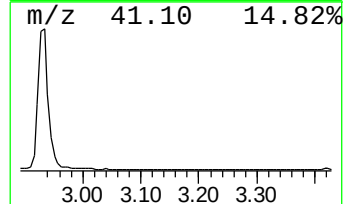
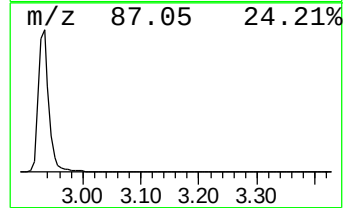
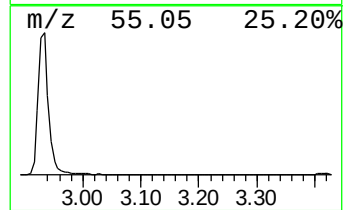
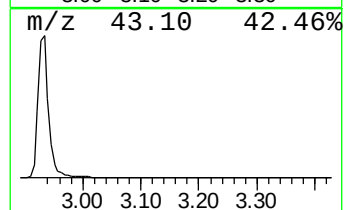
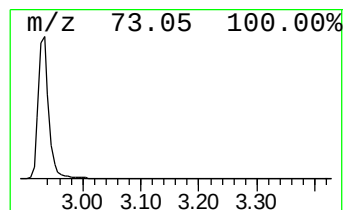
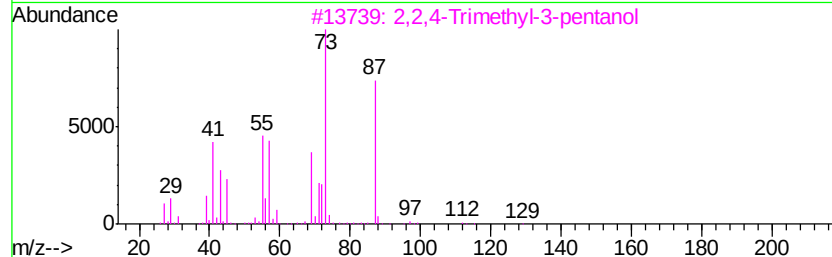
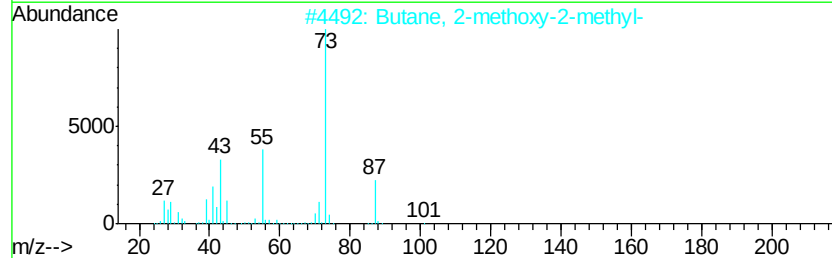
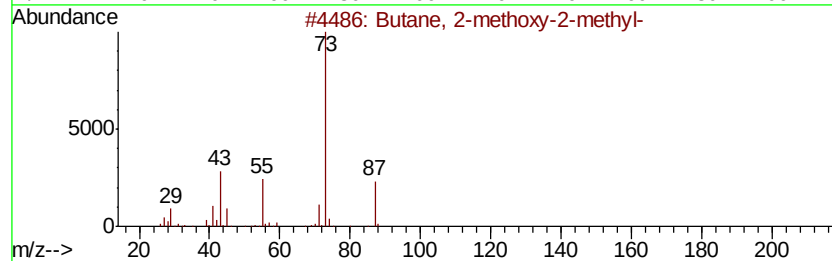
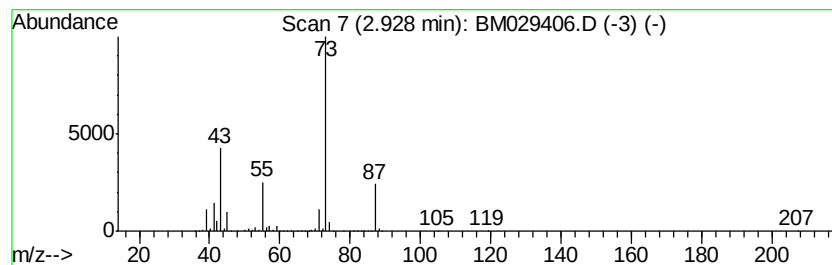
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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	53.97 ng/ul	1611780	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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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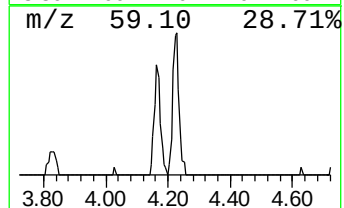
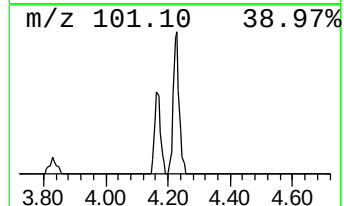
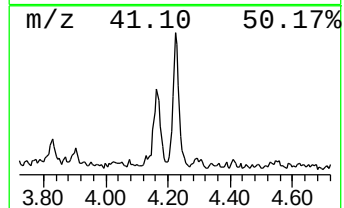
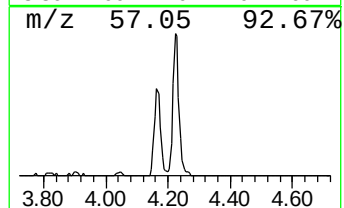
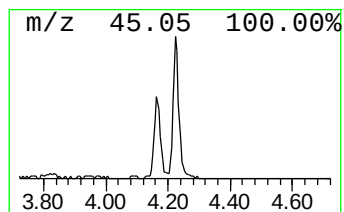
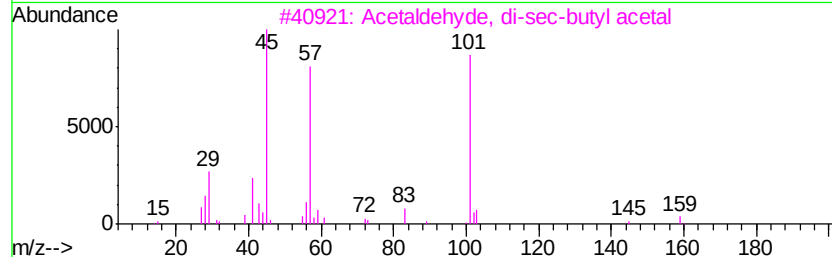
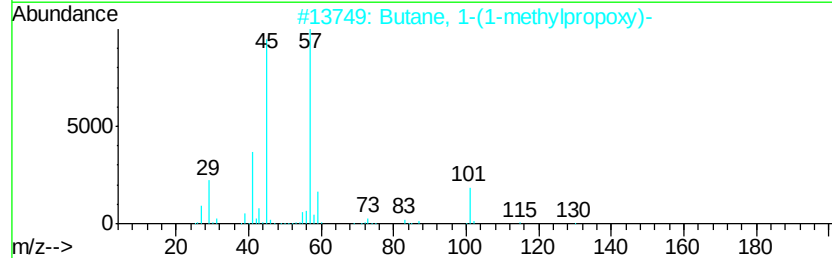
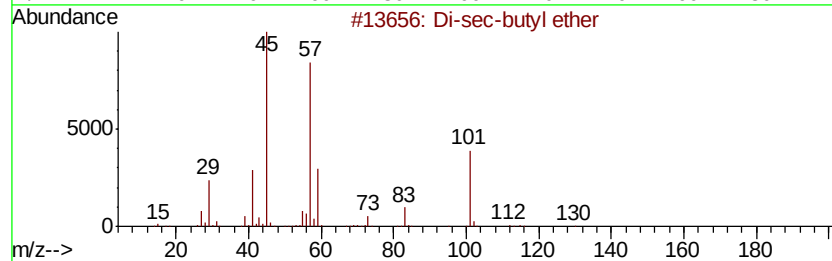
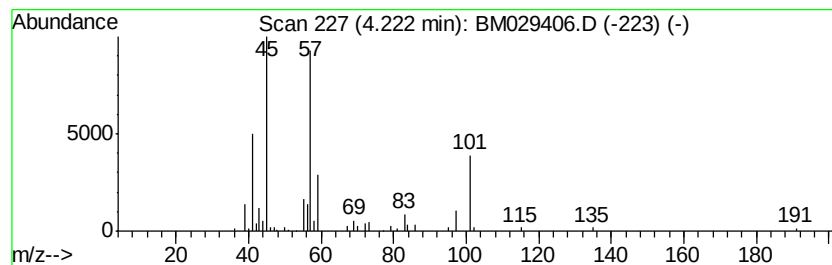
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Di-sec-butyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	2.03 ng/ul	60569	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Di-sec-butyl ether	130	C8H18O	006863-58-7	72
2		Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	64
3		Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	59
4		Di-sec-butyl ether	130	C8H18O	006863-58-7	56
5		Butane, 1,1'-[ethylidenebis(oxy)]...	174	C10H22O2	000871-22-7	45



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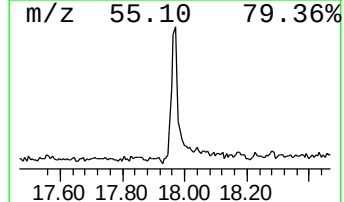
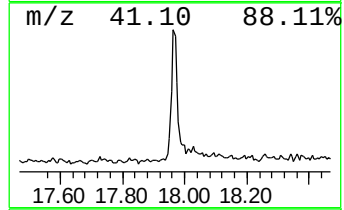
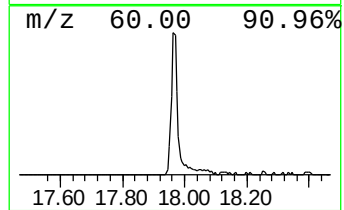
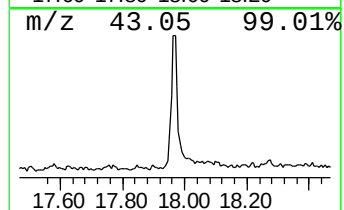
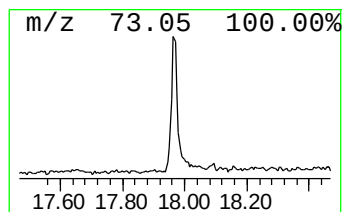
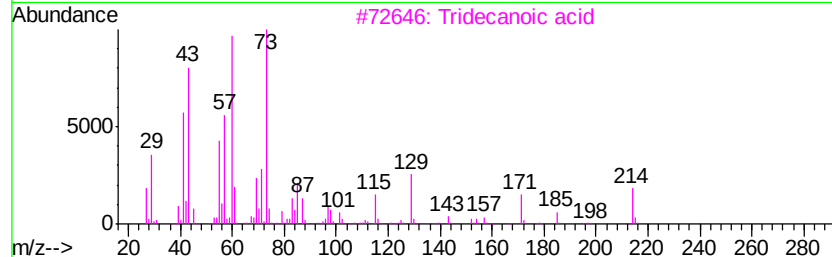
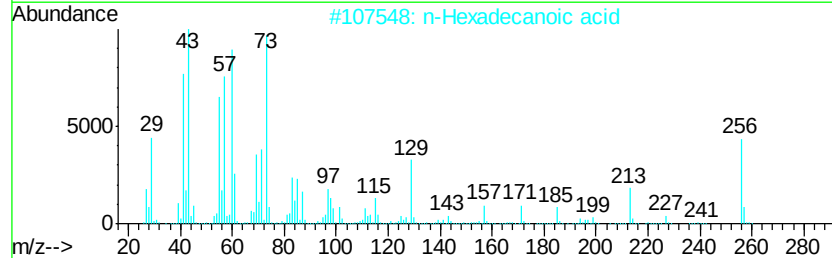
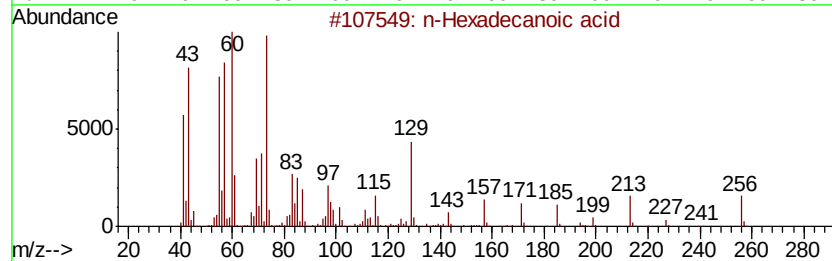
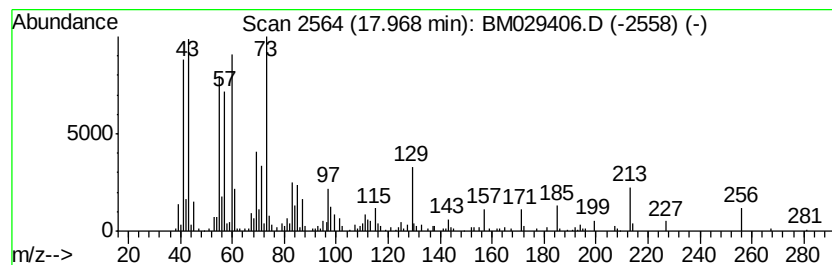
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.97	4.08 ng/ul	222789	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	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029406.D
Acq On : 08 Apr 2021 12:48
Operator : CG/JU
Sample : M1881-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

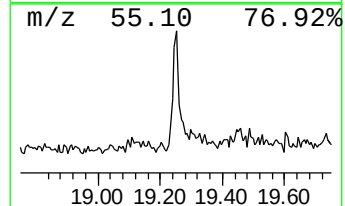
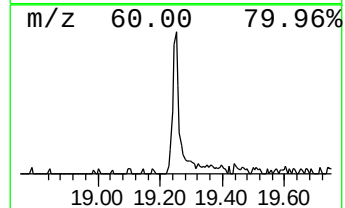
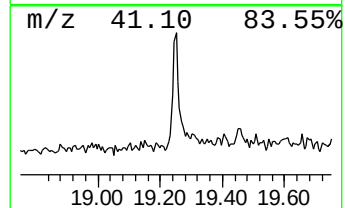
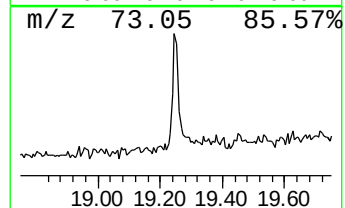
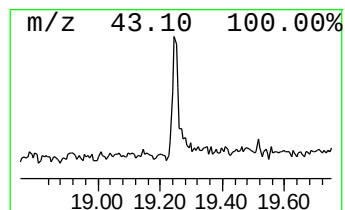
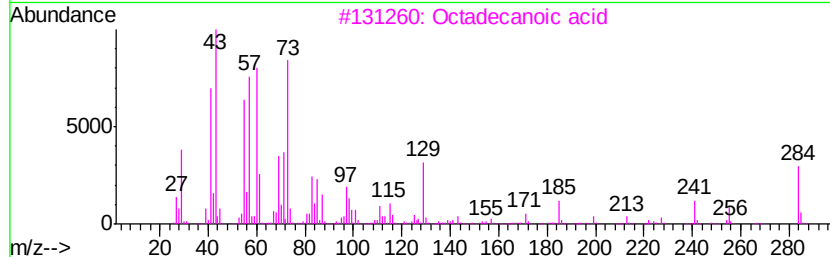
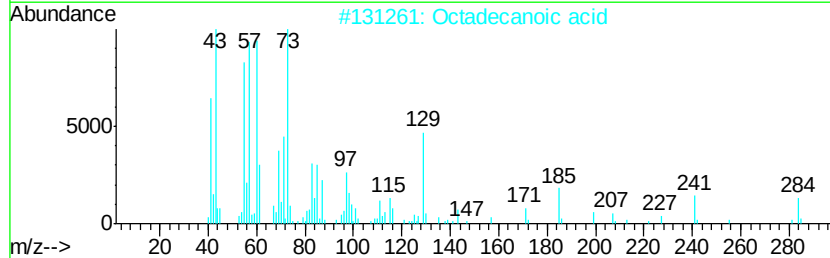
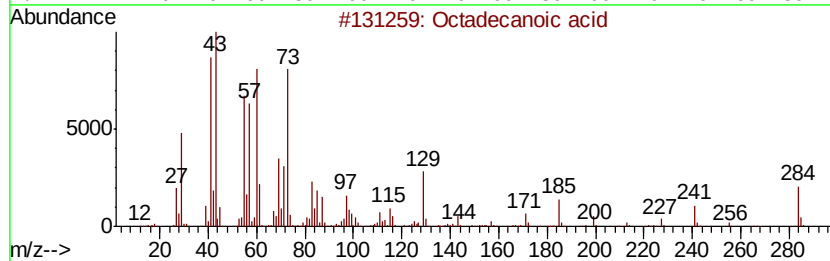
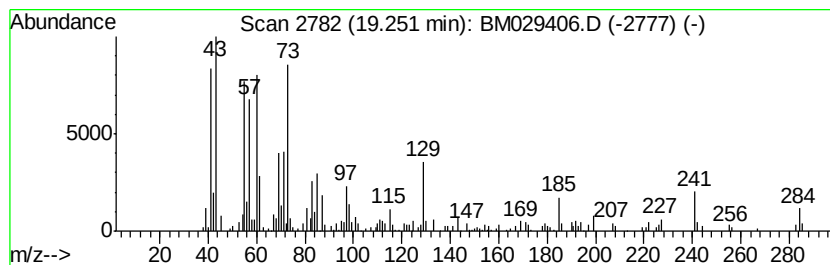
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.46 ng/ul	138530	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	98
2	Octadecanoic acid	284 C18H36O2	000057-11-4	96
3	Octadecanoic acid	284 C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	93
5	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029406.D
Acq On : 08 Apr 2021 12:48
Operator : CG/JU
Sample : M1881-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

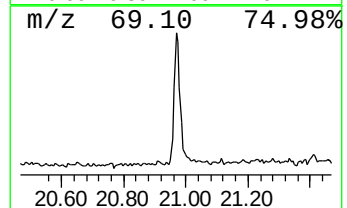
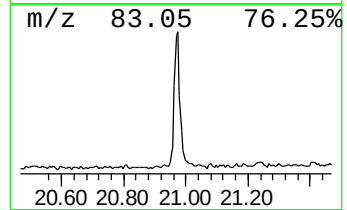
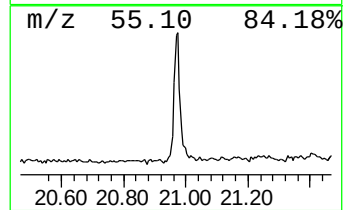
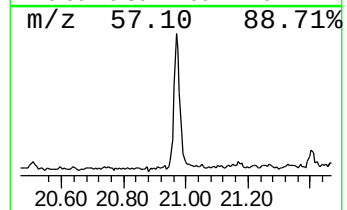
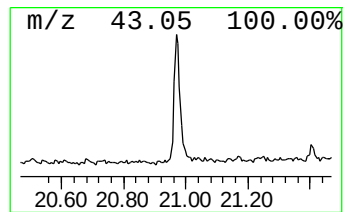
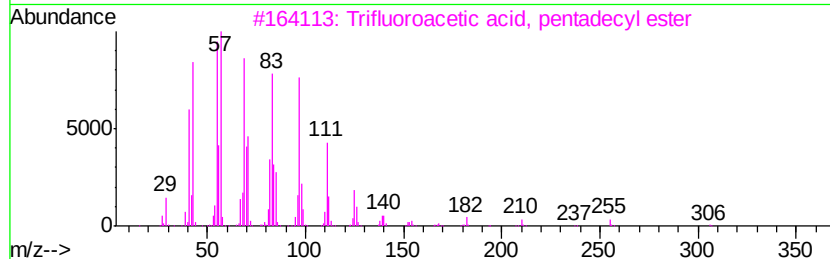
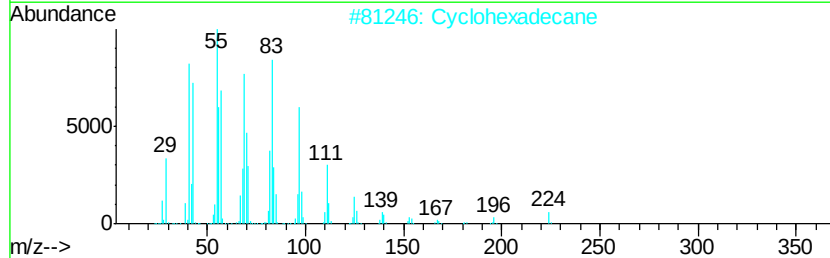
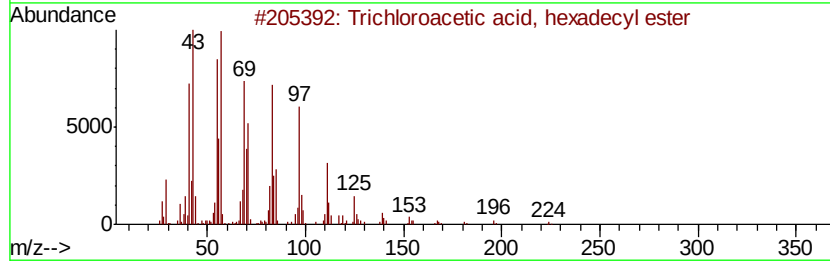
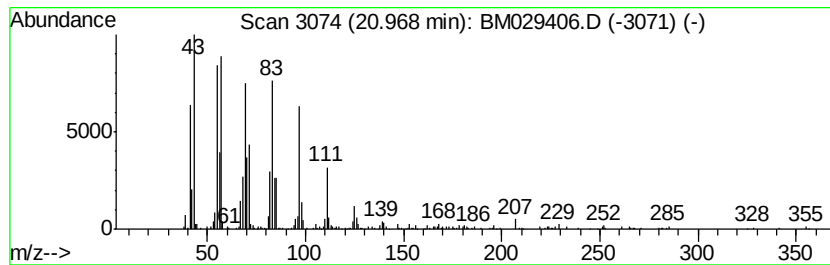
Instrument :
BNA_M
ClientSampleId :
ESQF7

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 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.97	4.53 ng/ul	255665	Chrysene-d12	21.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Cyclohexadecane	224	C16H32	000295-65-8	93
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQF7

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	54.0	ng/ul	1611780	1	7.69	597264	20.0
Di-sec-butyl ether	4.22	2.0	ng/ul	60569	1	7.69	597264	20.0
n-Hexadecanoic acid	17.97	4.1	ng/ul	222789	4	17.06	1092910	20.0
Octadecanoic acid	19.25	2.5	ng/ul	138530	5	21.24	1127960	20.0
Trichloroacetic a...	20.97	4.5	ng/ul	255665	5	21.24	1127960	20.0