

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020181.D
 Acq On : 15 Dec 2015 9:26
 Operator : UM/SJ
 Sample : G4787-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BP1

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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	3.126	44	49	58	rVV	28698	54843	7.62%	0.678%
2	3.203	58	62	70	rVB	16497	23716	3.30%	0.293%
3	3.473	105	108	114	rVB2	4689	6218	0.86%	0.077%
4	5.283	412	416	417	rBV3	945	1114	0.15%	0.014%
5	6.158	562	565	569	rVB4	1127	1395	0.19%	0.017%
6	6.875	684	687	688	rBV2	853	949	0.13%	0.012%
7	7.063	716	719	724	rBV3	555	983	0.14%	0.012%
8	7.245	744	750	761	rBV	94344	165079	22.94%	2.039%
9	7.415	773	779	786	rBV	72403	117996	16.40%	1.458%
10	7.627	809	815	822	rBV	93479	153904	21.39%	1.901%
11	8.097	889	895	902	rVB	75167	124973	17.37%	1.544%
12	8.796	1008	1014	1023	rBV	102148	174888	24.30%	2.161%
13	9.266	1084	1094	1101	rBV	99503	174055	24.19%	2.150%
14	9.360	1105	1110	1117	rVB3	6255	9185	1.28%	0.113%
15	9.666	1158	1162	1165	rBV4	1107	1565	0.22%	0.019%
16	9.989	1209	1217	1224	rVB	88728	156320	21.72%	1.931%
17	10.529	1302	1309	1317	rVB	125837	222857	30.97%	2.753%
18	10.670	1331	1333	1337	rVB3	1203	1830	0.25%	0.023%
19	10.917	1368	1375	1381	rBV	114725	201337	27.98%	2.487%
20	11.046	1389	1397	1406	rBV	123265	219519	30.51%	2.712%
21	12.492	1637	1643	1647	rBV3	1990	3883	0.54%	0.048%
22	13.538	1818	1821	1825	rVB2	1933	2179	0.30%	0.027%
23	13.690	1844	1847	1848	rBV2	844	959	0.13%	0.012%
24	13.861	1872	1876	1880	rBV2	560	1167	0.16%	0.014%
25	14.125	1913	1921	1925	rBV	283479	410507	57.05%	5.072%
26	14.172	1925	1929	1938	rVB	156341	216003	30.02%	2.669%
27	14.313	1947	1953	1957	rBV2	972	1509	0.21%	0.019%
28	14.425	1965	1972	1979	rVB	288629	439750	61.11%	5.433%
29	14.607	1998	2003	2008	rVB2	9132	12389	1.72%	0.153%
30	14.683	2011	2016	2017	rVV4	799	1344	0.19%	0.017%
31	14.730	2017	2024	2032	rVB2	210204	333615	46.36%	4.122%
32	14.907	2047	2054	2068	rBV	107768	178282	24.78%	2.203%
33	15.065	2075	2081	2085	rVB7	2028	4643	0.65%	0.057%
34	15.112	2085	2089	2094	rVV5	2948	4445	0.62%	0.055%

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35	15.171	2094	2099	2103	rVV3	1643	2632	0.37%	0.033%
36	15.224	2103	2108	2114	rVV3	2487	4712	0.65%	0.058%
37	15.294	2117	2120	2124	rVB2	2141	2610	0.36%	0.032%
38	15.506	2152	2156	2160	rBV2	2534	3974	0.55%	0.049%
39	15.559	2160	2165	2170	rVB	16240	21676	3.01%	0.268%
40	15.618	2170	2175	2178	rBV4	2030	3396	0.47%	0.042%
41	15.659	2180	2182	2185	rVB3	1300	1430	0.20%	0.018%
42	15.717	2185	2192	2199	rBV	390155	580818	80.72%	7.176%
43	15.823	2204	2210	2223	rVB	87923	128572	17.87%	1.588%
44	15.958	2226	2233	2238	rVV4	7415	15344	2.13%	0.190%
45	16.005	2238	2241	2244	rVV3	1830	2160	0.30%	0.027%
46	16.052	2244	2249	2255	rVV4	2338	3544	0.49%	0.044%
47	16.111	2255	2259	2262	rVB2	2358	3092	0.43%	0.038%
48	16.176	2267	2270	2275	rVB4	2506	3842	0.53%	0.047%
49	16.417	2307	2311	2320	rBV2	15756	27757	3.86%	0.343%
50	16.587	2338	2340	2344	rVB3	1169	1222	0.17%	0.015%
51	16.675	2351	2355	2356	rBV	1383	978	0.14%	0.012%
52	16.757	2365	2369	2371	rBV2	2253	3063	0.43%	0.038%
53	16.822	2377	2380	2382	rBV3	1114	1522	0.21%	0.019%
54	16.851	2382	2385	2386	rVV3	1785	1892	0.26%	0.023%
55	16.875	2387	2389	2392	rVB3	2152	2252	0.31%	0.028%
56	16.922	2394	2397	2403	rVB2	1873	2657	0.37%	0.033%
57	16.987	2403	2408	2411	rBV3	1902	2734	0.38%	0.034%
58	17.210	2441	2446	2449	rBV	9553	12291	1.71%	0.152%
59	17.257	2449	2454	2459	rVB2	3914	6581	0.91%	0.081%
60	17.468	2484	2490	2501	rBV2	295650	454575	63.17%	5.616%
61	17.568	2501	2507	2514	rBV2	423492	624495	86.79%	7.715%
62	17.739	2532	2536	2540	rBV2	1748	2277	0.32%	0.028%
63	17.950	2567	2572	2574	rBV3	4108	5593	0.78%	0.069%
64	18.215	2610	2617	2622	rBV3	2788	4074	0.57%	0.050%
65	18.344	2633	2639	2645	rBV2	50534	72150	10.03%	0.891%
66	18.408	2649	2650	2655	rVB2	2122	2998	0.42%	0.037%
67	18.638	2685	2689	2691	rVB4	1381	1907	0.27%	0.024%
68	18.761	2708	2710	2713	rVB2	1087	960	0.13%	0.012%
69	19.484	2827	2833	2837	rBV4	6477	13169	1.83%	0.163%
70	19.607	2850	2854	2858	rBV	14934	16922	2.35%	0.209%
71	19.707	2868	2871	2872	rBV	1084	982	0.14%	0.012%

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72	19.736	2872	2876	2879	rBV3	3302	4831	0.67%	0.060%
73	19.848	2889	2895	2910	rBV	482943	719574	100.00%	8.890%
74	20.477	3000	3002	3004	rVB3	1359	1071	0.15%	0.013%
75	20.500	3004	3006	3007	rBV2	1329	1173	0.16%	0.014%
76	20.747	3042	3048	3053	rBV	24215	35272	4.90%	0.436%
77	20.847	3063	3065	3070	rBV3	2716	3862	0.54%	0.048%
78	20.982	3085	3088	3091	rBV4	2106	2150	0.30%	0.027%
79	21.364	3148	3153	3162	rBV	58988	98588	13.70%	1.218%
80	21.740	3210	3217	3228	rBV	326089	537198	74.66%	6.637%
81	23.438	3502	3506	3513	rVB2	16961	32185	4.47%	0.398%
82	24.067	3606	3613	3620	rVB4	10453	22410	3.11%	0.277%
83	24.419	3671	3673	3674	rBV	1705	1475	0.20%	0.018%
84	24.783	3725	3735	3748	rBV	217453	601015	83.52%	7.425%
85	25.018	3764	3775	3787	rVB	185648	517364	71.90%	6.392%
86	25.189	3802	3804	3807	rBV3	2399	3459	0.48%	0.043%
87	25.806	3907	3909	3910	rBV	2286	1345	0.19%	0.017%
88	26.176	3964	3972	3983	rBB5	14612	40956	5.69%	0.506%
89	27.809	4249	4250	4251	rBV	2402	1072	0.15%	0.013%
90	29.331	4507	4509	4511	rBV2	2004	1861	0.26%	0.023%
91	29.889	4602	4604	4605	rBV2	2538	1842	0.26%	0.023%
92	29.977	4617	4619	4621	rBV3	1935	1366	0.19%	0.017%

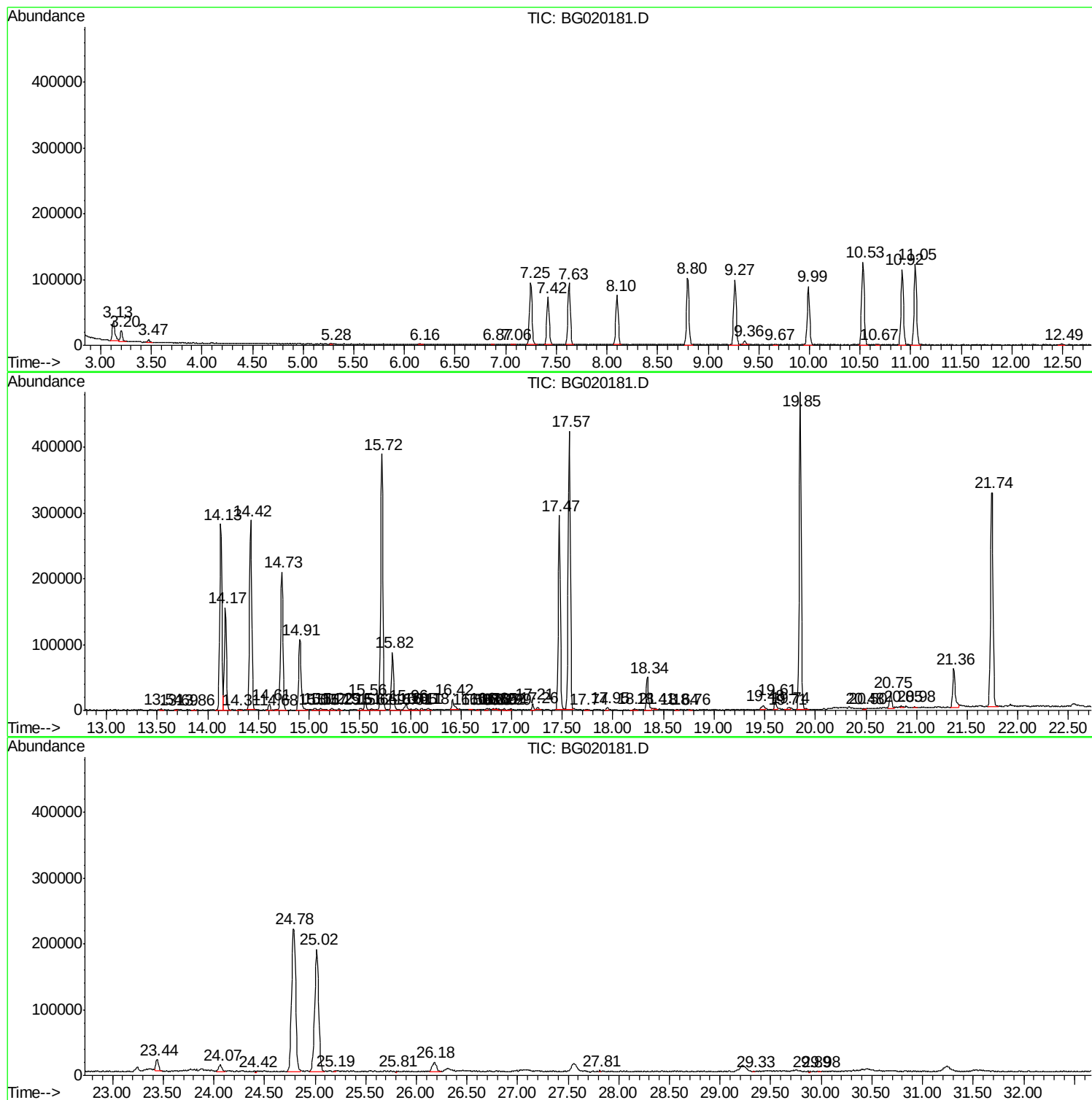
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



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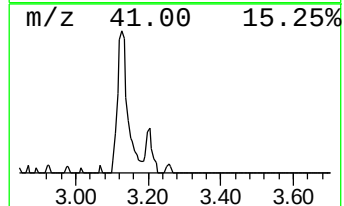
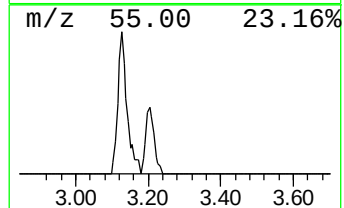
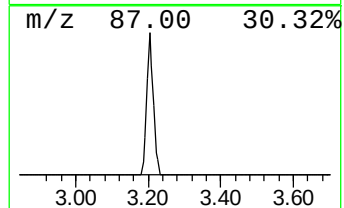
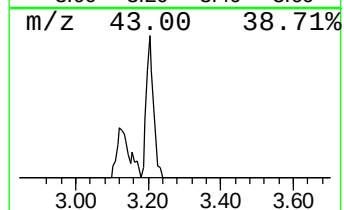
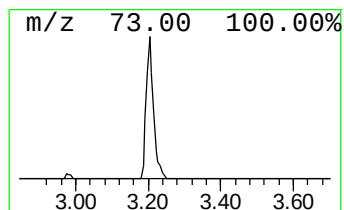
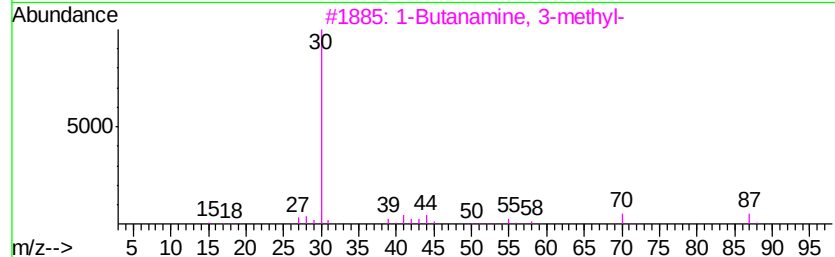
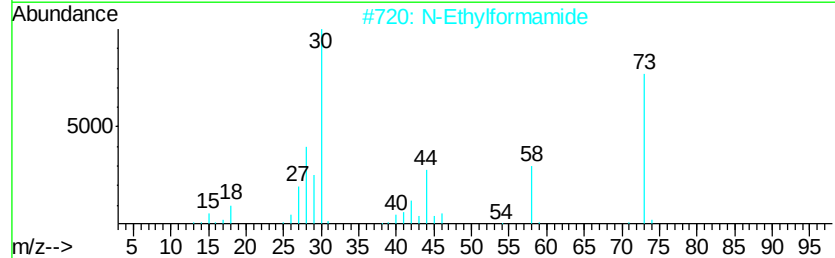
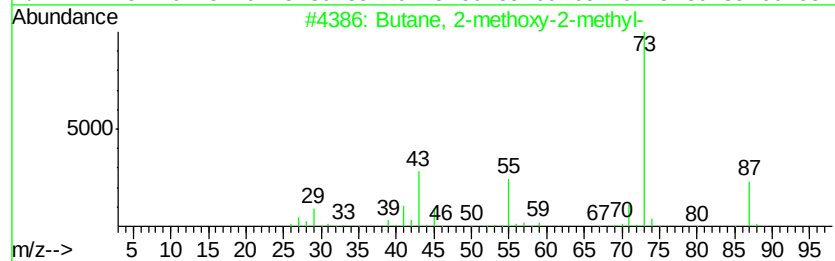
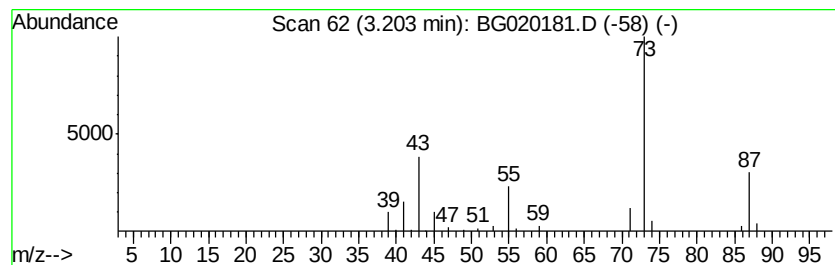
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	3.80 ng/ul	23716	1,4-Dichlorobenzene-d4	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9



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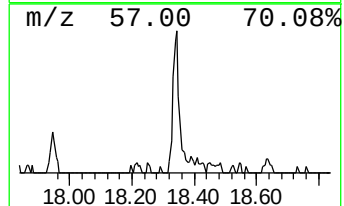
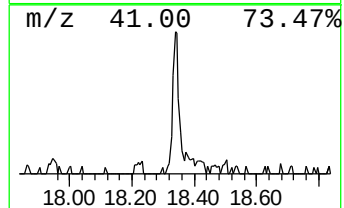
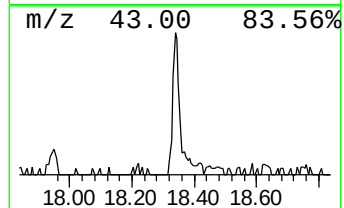
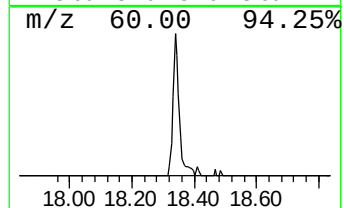
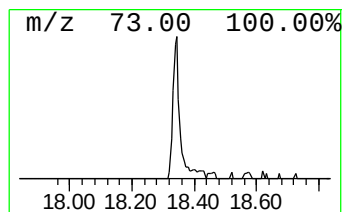
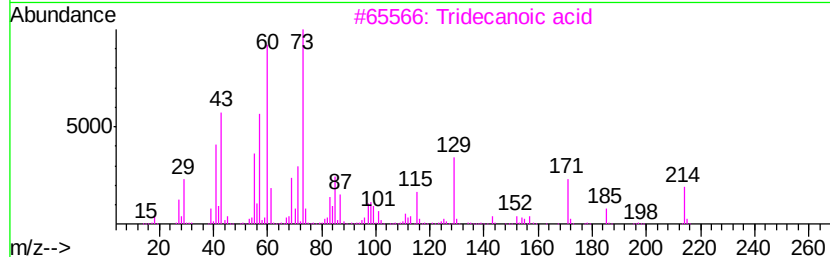
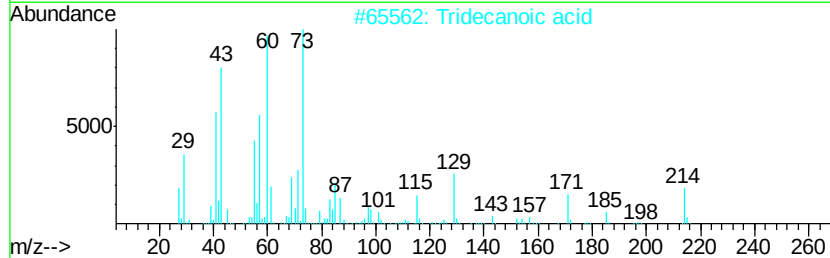
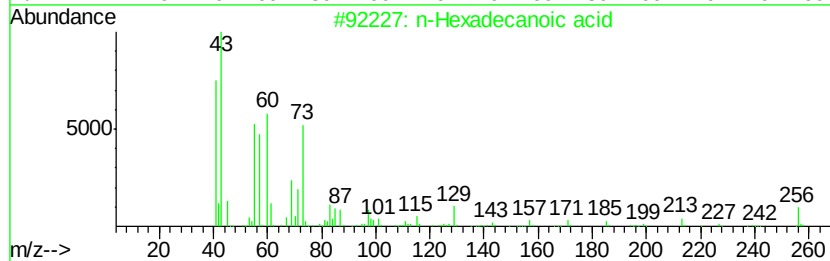
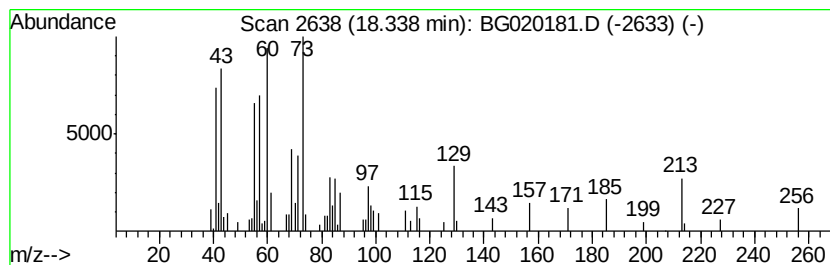
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.17 ng/ul	72150	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	81
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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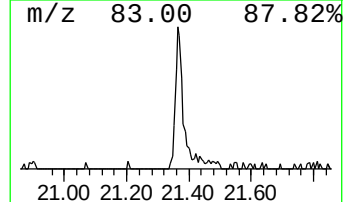
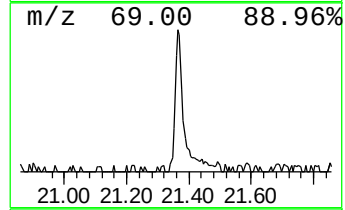
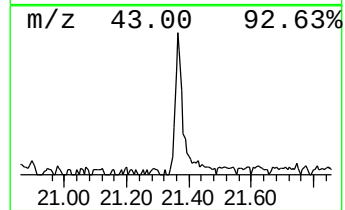
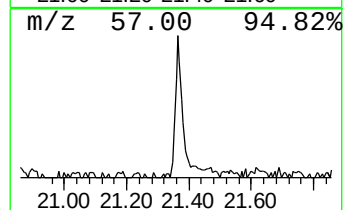
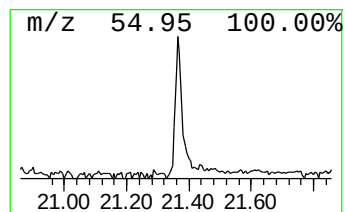
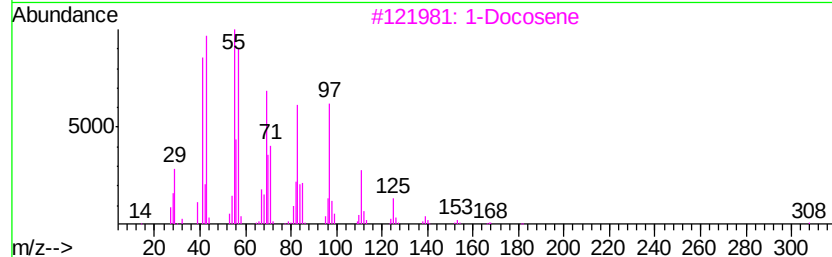
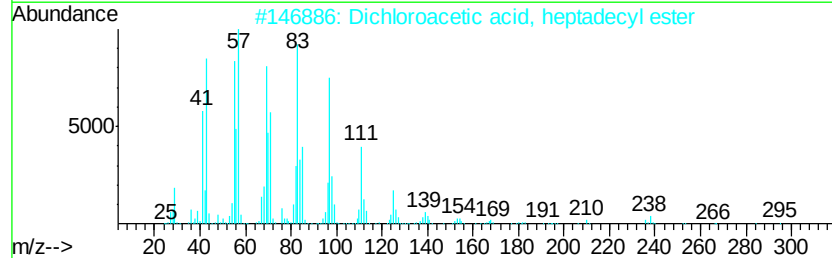
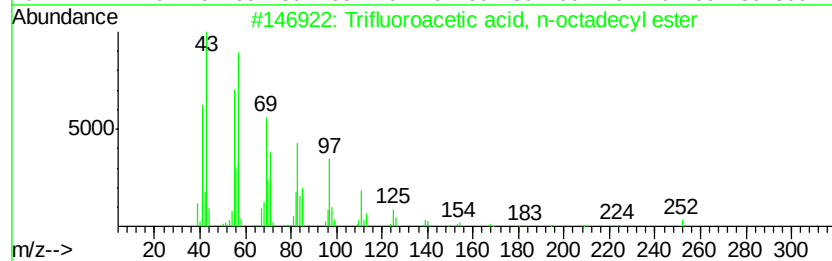
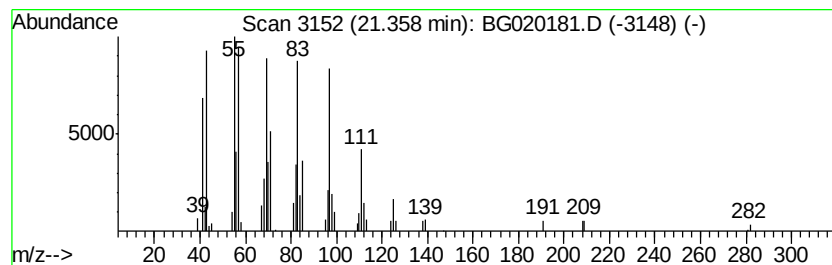
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Trifluoroacetic acid, n-oct... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.67 ng/ul	98588	Chrysene-d12	21.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3		1-Docosene	308	C22H44	001599-67-3	81
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
5		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	3.8	ng/ul	23716	1	8.10	124973	20.0
n-Hexadecanoic acid	18.34	3.2	ng/ul	72150	4	17.47	454575	20.0
Trifluoroacetic a...	21.36	3.7	ng/ul	98588	5	21.75	537198	20.0