

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042105.D
 Acq On : 9 Aug 2019 16:57
 Operator : HP/JU
 Sample : K4041-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENT4

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_G\METHODS\SOM-EPA-BG080319MA.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	3.148	5	10	31	rVB	1464822	2350501	100.00%	13.391%
2	3.412	51	55	60	rVB2	7878	11507	0.49%	0.066%
3	3.635	90	93	96	rBV3	1809	3131	0.13%	0.018%
4	3.947	141	146	150	rVB4	5277	7834	0.33%	0.045%
5	4.076	163	168	173	rBV2	9951	15858	0.67%	0.090%
6	4.164	180	183	187	rBV3	2365	3633	0.15%	0.021%
7	5.104	339	343	350	rVB4	2427	4096	0.17%	0.023%
8	7.184	690	697	712	rBV2	136136	295526	12.57%	1.684%
9	7.343	717	724	736	rBV	108347	197034	8.38%	1.123%
10	7.560	753	761	770	rBV	156591	290514	12.36%	1.655%
11	8.030	831	841	849	rBV	222167	389082	16.55%	2.217%
12	8.741	952	962	977	rBV	154297	305707	13.01%	1.742%
13	9.194	1032	1039	1053	rBV	147840	275768	11.73%	1.571%
14	9.922	1156	1163	1172	rBV	127994	244737	10.41%	1.394%
15	10.474	1247	1257	1278	rBV	196457	400850	17.05%	2.284%
16	10.850	1313	1321	1332	rBV	309723	578808	24.62%	3.298%
17	10.986	1335	1344	1360	rBV	156314	331821	14.12%	1.890%
18	12.449	1588	1593	1599	rVB	3424	6589	0.28%	0.038%
19	13.301	1734	1738	1741	rBV4	1768	2512	0.11%	0.014%
20	14.088	1865	1872	1877	rBV	397280	614751	26.15%	3.502%
21	14.135	1877	1880	1888	rVB	82379	117458	5.00%	0.669%
22	14.382	1914	1922	1936	rBV	493728	797825	33.94%	4.545%
23	14.687	1966	1974	1983	rBV	545008	870295	37.03%	4.958%
24	14.887	2002	2008	2023	rBV	59247	148586	6.32%	0.847%
25	15.104	2040	2045	2051	rVB2	11682	18474	0.79%	0.105%
26	15.486	2107	2110	2116	rBV2	1929	3009	0.13%	0.017%
27	15.533	2116	2118	2124	rVB3	2279	3139	0.13%	0.018%
28	15.680	2136	2143	2151	rBV	642911	990309	42.13%	5.642%
29	15.798	2157	2163	2172	rBV	126144	196218	8.35%	1.118%
30	15.921	2180	2184	2190	rVB2	6668	8501	0.36%	0.048%
31	16.403	2262	2266	2273	rVV3	2915	4612	0.20%	0.026%
32	16.467	2273	2277	2282	rVB4	2585	4050	0.17%	0.023%
33	17.443	2436	2443	2449	rBV	686275	1054653	44.87%	6.008%
34	17.537	2453	2459	2469	rVV	672273	1053796	44.83%	6.004%

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35	17.631	2473	2475	2480	rVB3	1928	2889	0.12%	0.016%
36	17.942	2520	2528	2532	rBV5	1763	4134	0.18%	0.024%
37	18.212	2570	2574	2576	rBV3	2496	3434	0.15%	0.020%
38	18.336	2589	2595	2599	rBV5	17563	34424	1.46%	0.196%
39	18.365	2599	2600	2604	rVV4	8421	10335	0.44%	0.059%
40	18.406	2604	2607	2610	rVB4	3981	4980	0.21%	0.028%
41	18.518	2621	2626	2629	rBV6	5117	8112	0.35%	0.046%
42	18.635	2643	2646	2648	rBV4	3105	3470	0.15%	0.020%
43	18.859	2681	2684	2689	rVV7	4397	6360	0.27%	0.036%
44	19.241	2745	2749	2750	rBV3	3368	4316	0.18%	0.025%
45	19.293	2756	2758	2763	rBV5	2640	4225	0.18%	0.024%
46	19.376	2769	2772	2775	rBV4	4351	7302	0.31%	0.042%
47	19.464	2782	2787	2788	rBV	13382	17485	0.74%	0.100%
48	19.493	2788	2792	2799	rVB	55432	83051	3.53%	0.473%
49	19.717	2828	2830	2835	rVB4	5520	5646	0.24%	0.032%
50	19.828	2842	2849	2861	rBV	906255	1371399	58.34%	7.813%
51	20.739	3001	3004	3012	rVB	19379	29780	1.27%	0.170%
52	20.862	3021	3025	3028	rVB3	20566	25248	1.07%	0.144%
53	21.373	3107	3112	3122	rVB3	76801	150485	6.40%	0.857%
54	21.720	3164	3171	3178	rBV2	716698	1249319	53.15%	7.117%
55	21.926	3203	3206	3212	rVB4	34440	51785	2.20%	0.295%
56	22.549	3308	3312	3318	rBV2	36497	59553	2.53%	0.339%
57	23.259	3429	3433	3440	rVB2	38587	65724	2.80%	0.374%
58	24.088	3569	3574	3580	rVB4	41460	80709	3.43%	0.460%
59	24.764	3680	3689	3708	rVB	461110	1338576	56.95%	7.626%
60	24.993	3718	3728	3747	rBV2	427078	1328907	56.54%	7.571%

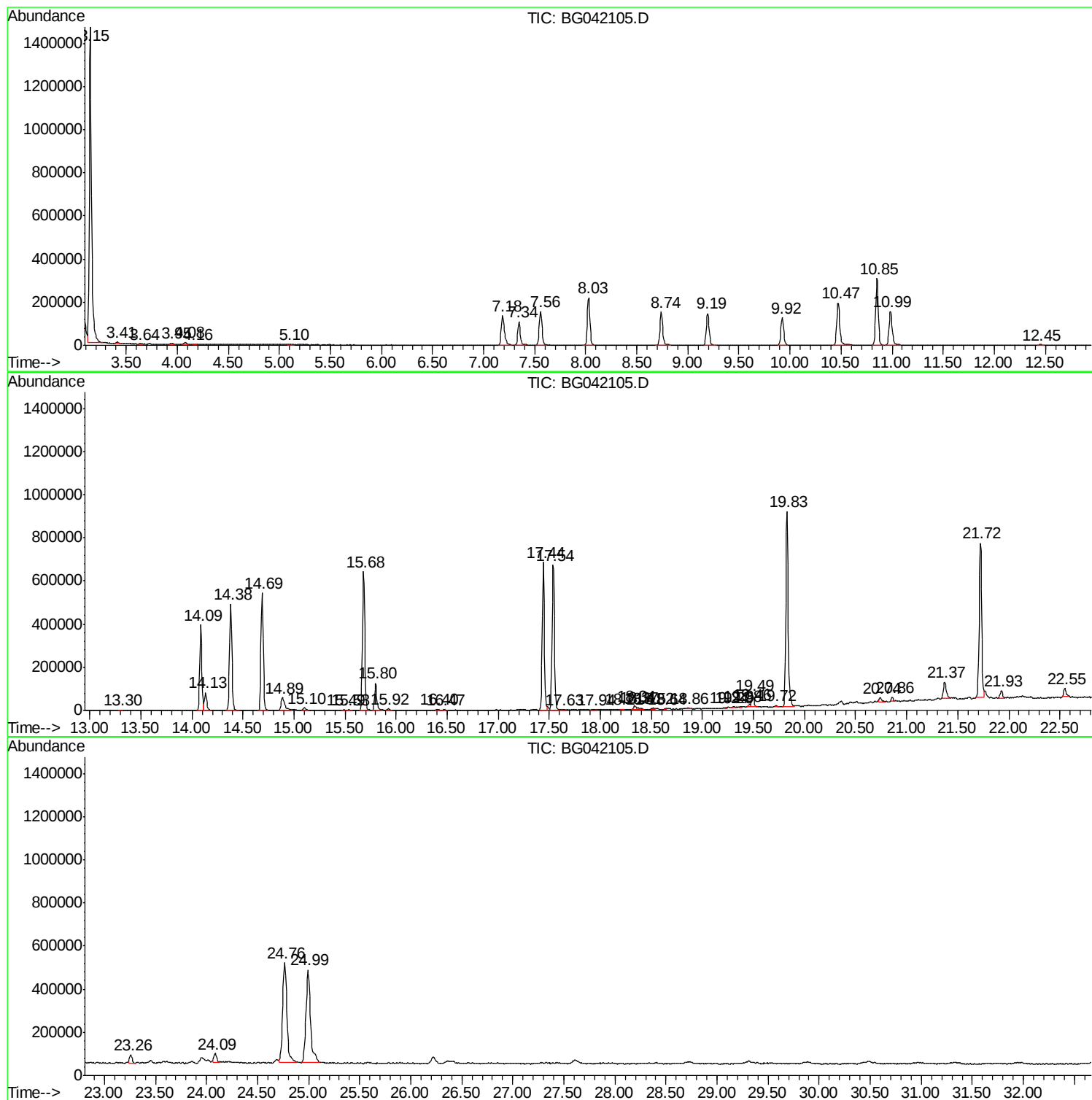
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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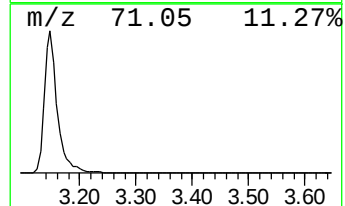
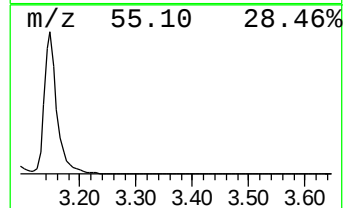
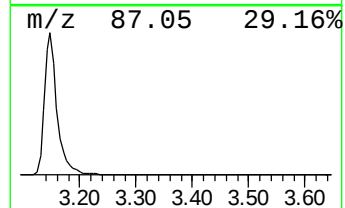
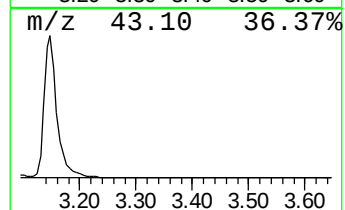
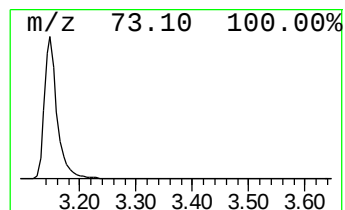
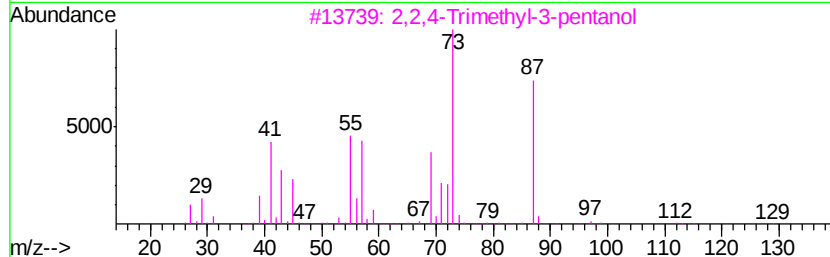
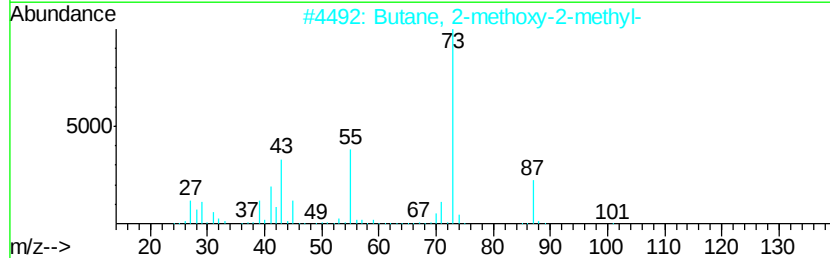
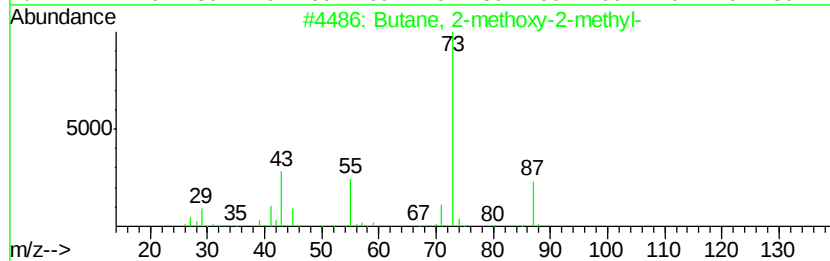
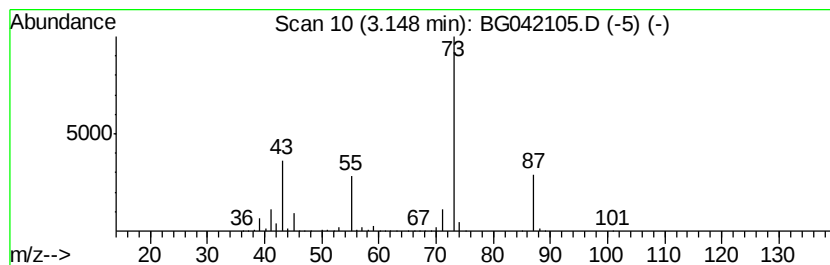
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	120.82 ng/ul	2350500	1,4-Dichlorobenzene-d4	8.03

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	59
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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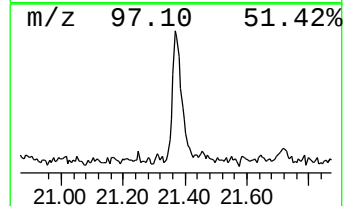
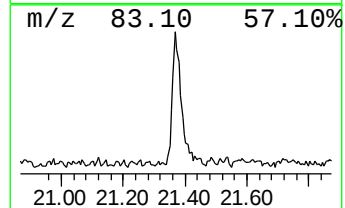
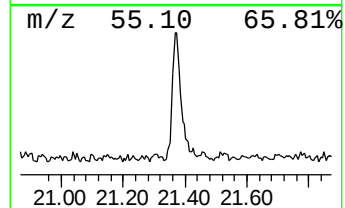
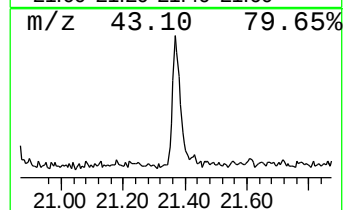
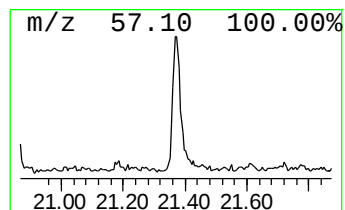
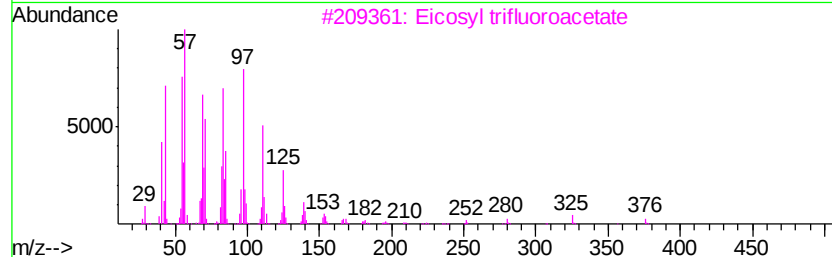
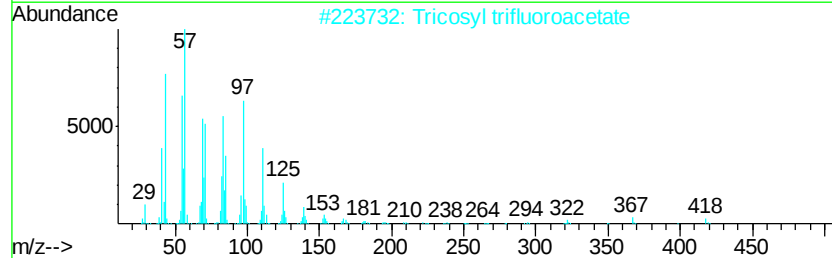
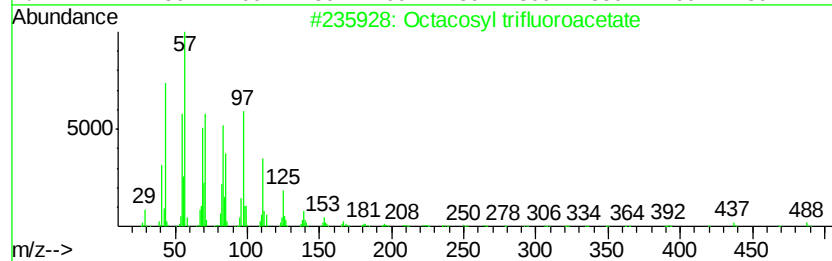
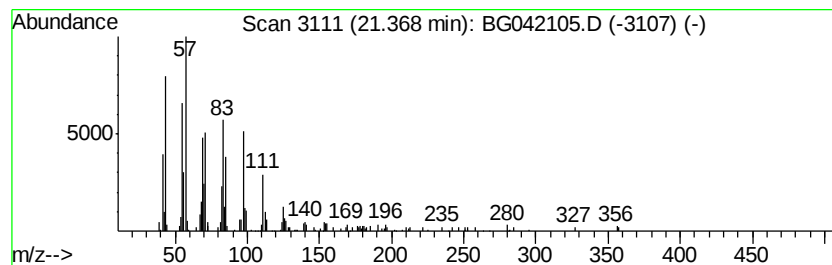
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Peak Number 2 Octacosyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.41 ng/ul	150485	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
2		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90
3		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	90
4		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
5		1-Octadecene	252	C18H36	000112-88-9	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	120.8	ng/ul	2350500	1	8.03	389082	20.0
Octacosyl trifluo...	21.37	2.4	ng/ul	150485	5	21.72	1249320	20.0