

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
 Data File : BG019631.D
 Acq On : 16 Nov 2015 1:43
 Operator : UM/NP
 Sample : G4309-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KQ3

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-BG102815.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	2.867	3	5	12	rVB4	4662	5715	0.44%	0.046%
2	3.096	39	44	49	rBV	24398	44345	3.41%	0.359%
3	3.178	53	58	66	rVB	131651	188545	14.50%	1.528%
4	3.455	102	105	110	rBV3	6877	8526	0.66%	0.069%
5	3.884	172	178	179	rBV3	1613	2308	0.18%	0.019%
6	5.188	398	400	406	rVB2	1772	2853	0.22%	0.023%
7	7.303	753	760	770	rBV	135007	230318	17.72%	1.866%
8	7.468	782	788	799	rBV	105794	175053	13.47%	1.419%
9	7.679	818	824	832	rBV	127178	219419	16.88%	1.778%
10	8.155	899	905	912	rBV	117646	193899	14.92%	1.571%
11	8.460	953	957	961	rVB3	3726	4961	0.38%	0.040%
12	8.860	1017	1025	1035	rBV	183570	304135	23.40%	2.465%
13	9.330	1098	1105	1113	rVB	131311	230616	17.74%	1.869%
14	9.436	1117	1123	1133	rVB4	2323	5181	0.40%	0.042%
15	10.059	1221	1229	1236	rBV	119000	207539	15.97%	1.682%
16	10.599	1314	1321	1331	rBV	180168	309475	23.81%	2.508%
17	10.740	1339	1345	1349	rBV2	1994	3951	0.30%	0.032%
18	10.987	1379	1387	1394	rBV	163709	283166	21.78%	2.295%
19	11.116	1402	1409	1417	rBV	165719	295352	22.72%	2.393%
20	11.751	1513	1517	1522	rBV5	3641	6652	0.51%	0.054%
21	11.980	1552	1556	1559	rBV3	1635	2177	0.17%	0.018%
22	12.562	1648	1655	1658	rBV	1755	3449	0.27%	0.028%
23	13.137	1750	1753	1754	rBV	2180	2115	0.16%	0.017%
24	13.390	1792	1796	1800	rVB3	5123	7102	0.55%	0.058%
25	13.666	1838	1843	1846	rBV2	2477	2873	0.22%	0.023%
26	13.707	1846	1850	1856	rVB3	2138	3833	0.29%	0.031%
27	14.183	1925	1931	1936	rBV	397630	572197	44.02%	4.637%
28	14.230	1936	1939	1947	rVB	156256	205540	15.81%	1.666%
29	14.489	1976	1983	1993	rVB	357483	552536	42.50%	4.477%
30	14.659	2010	2012	2016	rVB2	2623	2570	0.20%	0.021%
31	14.788	2028	2034	2041	rBV3	291133	458109	35.24%	3.712%
32	14.976	2059	2066	2075	rBV	186311	289826	22.30%	2.349%
33	15.558	2162	2165	2168	rBV	1969	2449	0.19%	0.020%
34	15.605	2168	2173	2177	rVB3	7122	9178	0.71%	0.074%

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35	15.775	2196	2202	2210	rVB	519447	754379	58.03%	6.113%
36	15.887	2215	2221	2230	rBV	196343	289109	22.24%	2.343%
37	16.016	2239	2243	2247	rVB2	7673	9338	0.72%	0.076%
38	16.157	2265	2267	2272	rVB	1516	1978	0.15%	0.016%
39	16.463	2316	2319	2322	rBV2	8459	9560	0.74%	0.077%
40	16.645	2346	2350	2354	rBV5	2986	3662	0.28%	0.030%
41	16.716	2358	2362	2364	rBV4	2075	1977	0.15%	0.016%
42	16.868	2385	2388	2391	rVB2	1715	1816	0.14%	0.015%
43	16.909	2391	2395	2396	rBV	2353	2690	0.21%	0.022%
44	16.980	2402	2407	2410	rBV4	2899	4737	0.36%	0.038%
45	17.256	2450	2454	2458	rBV3	7092	8354	0.64%	0.068%
46	17.315	2458	2464	2467	rBV3	3869	5431	0.42%	0.044%
47	17.415	2480	2481	2486	rVB	2138	1639	0.13%	0.013%
48	17.532	2494	2501	2508	rBV	423012	654223	50.33%	5.301%
49	17.626	2508	2517	2525	rBV	619252	931907	71.69%	7.552%
50	17.797	2542	2546	2548	rBV	1390	2222	0.17%	0.018%
51	17.879	2555	2560	2565	rBV4	25394	36353	2.80%	0.295%
52	17.996	2577	2580	2584	rVV4	4666	6040	0.46%	0.049%
53	18.043	2586	2588	2590	rVB	1961	1847	0.14%	0.015%
54	18.167	2607	2609	2612	rBV3	2855	3160	0.24%	0.026%
55	18.390	2642	2647	2651	rBV3	11684	13953	1.07%	0.113%
56	18.425	2651	2653	2656	rVV2	1958	1816	0.14%	0.015%
57	18.466	2656	2660	2663	rVV3	2127	2449	0.19%	0.020%
58	18.543	2669	2673	2678	rVB4	4440	6139	0.47%	0.050%
59	18.602	2679	2683	2686	rVB3	1770	2870	0.22%	0.023%
60	18.684	2693	2697	2702	rVB4	3321	5113	0.39%	0.041%
61	18.807	2716	2718	2722	rVB3	2535	2847	0.22%	0.023%
62	18.907	2731	2735	2737	rBV2	1700	2390	0.18%	0.019%
63	18.960	2743	2744	2748	rBV2	1654	1861	0.14%	0.015%
64	19.236	2786	2791	2800	rBV	70187	103093	7.93%	0.835%
65	19.430	2822	2824	2826	rBV2	2006	2242	0.17%	0.018%
66	19.536	2838	2842	2850	rVB4	9288	15433	1.19%	0.125%
67	19.624	2854	2857	2858	rBV3	1944	2248	0.17%	0.018%
68	19.700	2869	2870	2872	rBV3	2269	1863	0.14%	0.015%
69	19.747	2876	2878	2882	rVV4	2080	2323	0.18%	0.019%
70	19.794	2882	2886	2890	rVB2	10135	15678	1.21%	0.127%
71	19.841	2892	2894	2895	rBV2	2176	1662	0.13%	0.013%

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72	19.900	2898	2904	2913	rVB	807277	1198509	92.20%	9.712%
73	20.023	2923	2925	2926	rBV2	2673	1883	0.14%	0.015%
74	20.399	2987	2989	2994	rVB5	3894	5598	0.43%	0.045%
75	20.717	3041	3043	3045	rBV3	3566	3508	0.27%	0.028%
76	21.011	3089	3093	3096	rBV6	4209	7211	0.55%	0.058%
77	21.328	3145	3147	3149	rBV3	3561	3430	0.26%	0.028%
78	21.410	3157	3161	3167	rBV3	35995	52196	4.02%	0.423%
79	21.569	3184	3188	3191	rVB5	6235	8799	0.68%	0.071%
80	21.663	3201	3204	3210	rVB4	14471	21993	1.69%	0.178%
81	21.798	3220	3227	3237	rBV	520172	875732	67.37%	7.096%
82	21.933	3248	3250	3252	rBV2	3184	2874	0.22%	0.023%
83	22.597	3359	3363	3367	rBV5	7665	12201	0.94%	0.099%
84	22.791	3394	3396	3397	rBV2	3133	2193	0.17%	0.018%
85	23.043	3437	3439	3441	rBV3	3462	3310	0.25%	0.027%
86	23.308	3480	3484	3490	rVB5	11917	23495	1.81%	0.190%
87	23.508	3513	3518	3524	rVB2	22211	41888	3.22%	0.339%
88	24.142	3620	3626	3635	rVB3	30207	61440	4.73%	0.498%
89	24.207	3635	3637	3639	rBV3	3408	2775	0.21%	0.022%
90	24.900	3744	3755	3766	rVB	454560	1299936	100.00%	10.534%
91	25.129	3783	3794	3804	rBV2	297413	846677	65.13%	6.861%
92	25.846	3915	3916	3918	rBV2	2958	2158	0.17%	0.017%
93	25.993	3939	3941	3944	rBV4	2717	3923	0.30%	0.032%
94	26.293	3983	3992	3999	rBV5	17684	51458	3.96%	0.417%
95	26.804	4077	4079	4082	rBV2	2118	2219	0.17%	0.018%
96	27.703	4223	4232	4242	rVB10	14498	46910	3.61%	0.380%
97	28.672	4395	4397	4399	rBV2	2431	1998	0.15%	0.016%
98	29.119	4472	4473	4476	rVB3	2951	2122	0.16%	0.017%
99	29.830	4592	4594	4596	rBV3	2411	2089	0.16%	0.017%
100	31.199	4825	4827	4828	rBV2	2528	1717	0.13%	0.014%

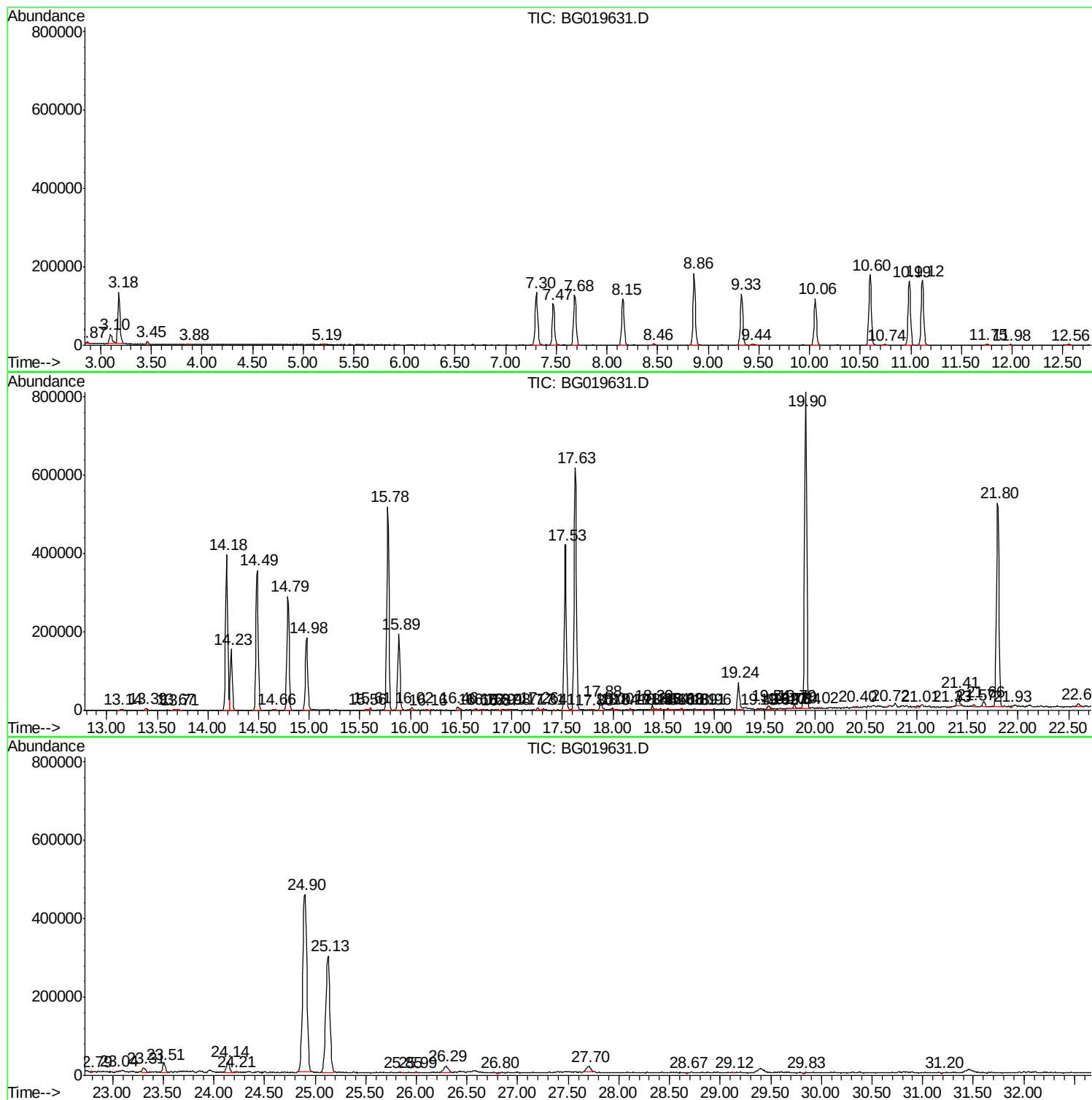
Sum of corrected areas: 12340607

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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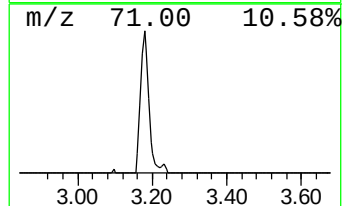
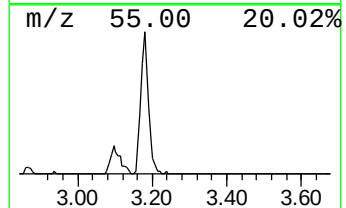
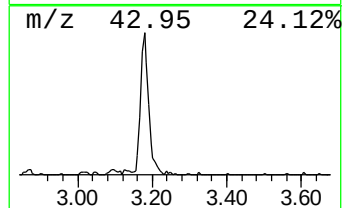
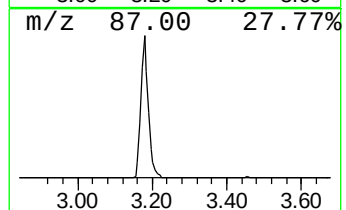
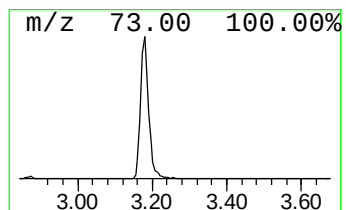
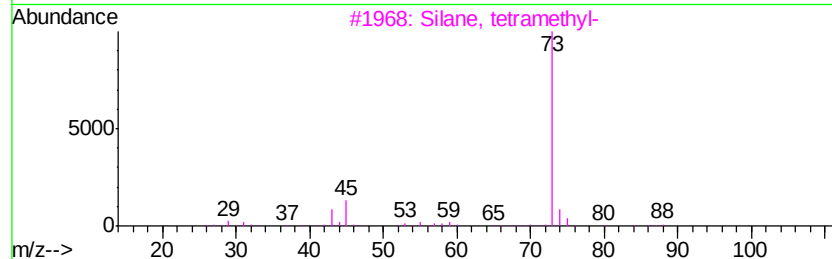
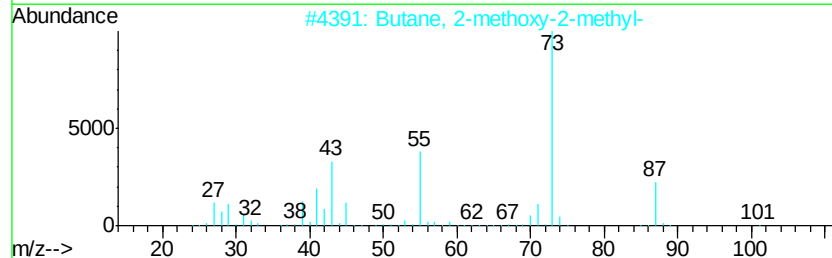
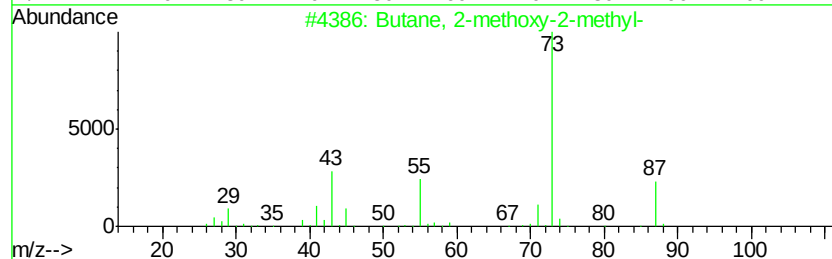
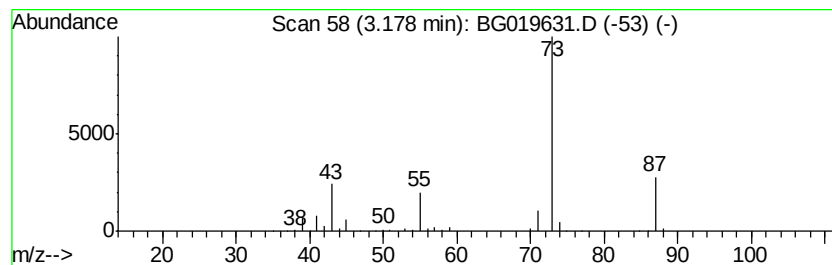
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	19.45 ng/ul	188545	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



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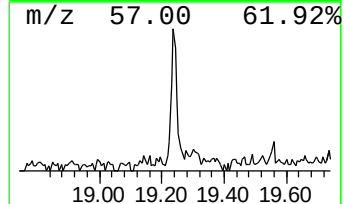
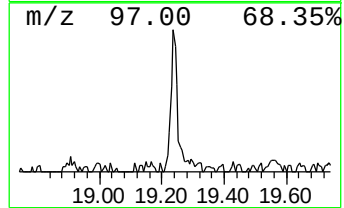
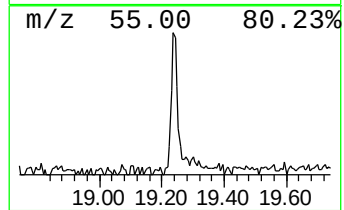
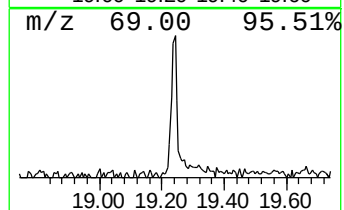
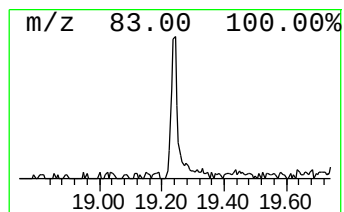
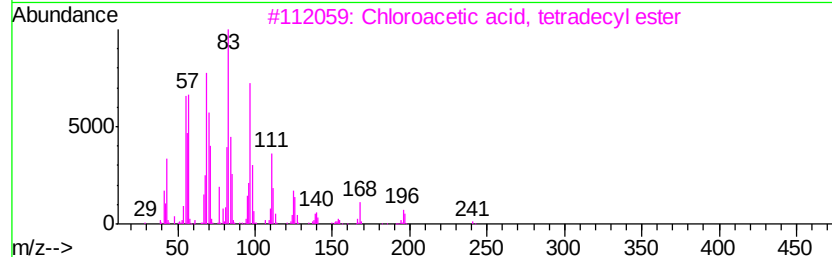
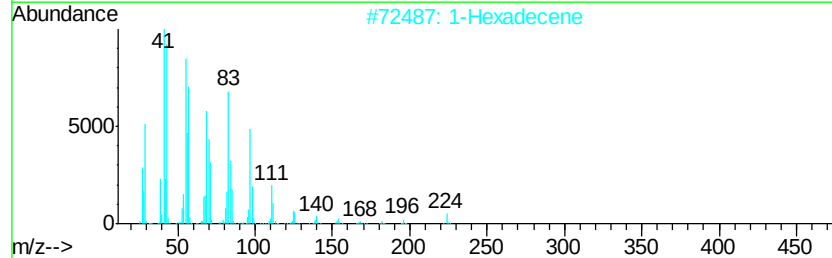
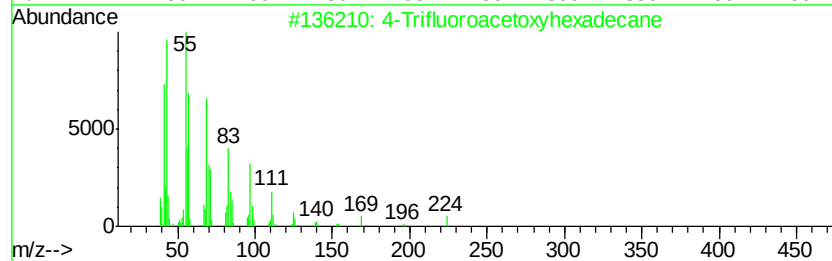
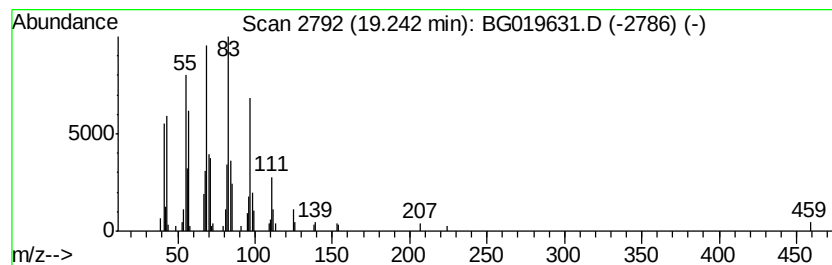
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Peak Number 3 4-Trifluoroacetoxyhexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	3.15 ng/ul	103093	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	91
2		1-Hexadecene	224	C16H32	000629-73-2	90
3		Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	90
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	86
5		1-Hexadecene	224	C16H32	000629-73-2	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	19.4	ng/ul	188545	1	8.15	193899	20.0
4-Trifluoroacetox...	19.24	3.1	ng/ul	103093	4	17.53	654223	20.0