

Data Path : V:\HPCHEM1\BNA G\DATA\BG112015\
 Data File : BG019765.D
 Acq On : 21 Nov 2015 22:03
 Operator : UM/NP
 Sample : G4310-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KN2

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-BG111615.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	3.043	30	35	44	rVB2	17926	37342	2.92%	0.333%
2	3.126	44	49	57	rVB	83311	129670	10.13%	1.156%
3	3.408	93	97	104	rVB5	5908	9677	0.76%	0.086%
4	4.195	225	231	236	rBV2	6332	10893	0.85%	0.097%
5	5.141	388	392	398	rBV2	2338	3834	0.30%	0.034%
6	7.262	746	753	763	rBV	126926	221075	17.27%	1.971%
7	7.426	775	781	790	rVB	95664	156656	12.23%	1.396%
8	7.638	811	817	826	rVB	122389	207039	16.17%	1.846%
9	8.114	892	898	905	rBV	92984	152583	11.92%	1.360%
10	8.825	1010	1019	1029	rBV	162293	277558	21.68%	2.474%
11	9.289	1090	1098	1106	rVB	131532	220459	17.22%	1.965%
12	9.424	1115	1121	1123	rBV	996	1798	0.14%	0.016%
13	10.018	1215	1222	1229	rBV	108379	194173	15.16%	1.731%
14	10.558	1307	1314	1322	rBV	166778	288318	22.52%	2.570%
15	10.946	1371	1380	1388	rBV	119005	214563	16.76%	1.913%
16	11.075	1393	1402	1412	rBV	149716	262457	20.50%	2.340%
17	12.521	1644	1648	1653	rBV3	2533	3094	0.24%	0.028%
18	13.026	1731	1734	1740	rVB2	1495	2795	0.22%	0.025%
19	13.108	1743	1748	1753	rBV2	1463	2696	0.21%	0.024%
20	13.355	1784	1790	1793	rBB2	2217	2716	0.21%	0.024%
21	13.555	1822	1824	1828	rVB2	1670	1920	0.15%	0.017%
22	13.954	1890	1892	1897	rBV3	2029	2592	0.20%	0.023%
23	14.148	1919	1925	1930	rBV	336462	486986	38.03%	4.341%
24	14.195	1930	1933	1939	rVB	106377	138342	10.80%	1.233%
25	14.448	1969	1976	1984	rBV	341903	525030	41.00%	4.680%
26	14.624	2003	2006	2010	rVB	7100	9236	0.72%	0.082%
27	14.753	2022	2028	2039	rVB2	219527	340479	26.59%	3.035%
28	14.941	2054	2060	2073	rBV	190142	294910	23.03%	2.629%
29	15.070	2076	2082	2083	rVV4	1539	2010	0.16%	0.018%
30	15.176	2098	2100	2105	rVB4	1439	1926	0.15%	0.017%
31	15.241	2108	2111	2115	rVB	2162	2368	0.18%	0.021%
32	15.305	2120	2122	2126	rVB	1779	1880	0.15%	0.017%
33	15.517	2154	2158	2162	rBV4	1737	2969	0.23%	0.026%
34	15.570	2164	2167	2171	rVB2	12830	14763	1.15%	0.132%

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35	15.740	2190	2196	2203	rVB	496160	735144	57.41%	6.553%
36	15.858	2210	2216	2223	rBV	186697	275956	21.55%	2.460%
37	15.981	2230	2237	2241	rVB3	7294	14055	1.10%	0.125%
38	16.028	2241	2245	2248	rVB	1264	1849	0.14%	0.016%
39	16.075	2248	2253	2257	rBV2	1927	2636	0.21%	0.023%
40	16.128	2257	2262	2264	rBV2	1927	2276	0.18%	0.020%
41	16.199	2270	2274	2277	rBV2	1770	2117	0.17%	0.019%
42	16.369	2299	2303	2304	rBV	1547	1924	0.15%	0.017%
43	16.434	2308	2314	2317	rBV2	13767	21666	1.69%	0.193%
44	16.610	2342	2344	2348	rVB2	2379	3039	0.24%	0.027%
45	16.657	2348	2352	2354	rBV4	2410	3193	0.25%	0.028%
46	16.692	2357	2358	2363	rVB2	1417	1735	0.14%	0.015%
47	16.763	2367	2370	2372	rBV	2030	2375	0.19%	0.021%
48	16.862	2384	2387	2390	rBV2	1588	2071	0.16%	0.018%
49	16.939	2396	2400	2402	rBV4	3606	3779	0.30%	0.034%
50	17.009	2408	2412	2414	rVB2	2079	2861	0.22%	0.026%
51	17.221	2443	2448	2453	rBV3	10400	14873	1.16%	0.133%
52	17.274	2453	2457	2461	rVV6	3453	5626	0.44%	0.050%
53	17.497	2488	2495	2501	rBV	348287	518429	40.49%	4.621%
54	17.544	2501	2503	2505	rVV	4903	5240	0.41%	0.047%
55	17.591	2505	2511	2519	rVB	607346	927270	72.42%	8.266%
56	17.838	2547	2553	2556	rBV2	1490	2668	0.21%	0.024%
57	17.961	2571	2574	2579	rBV2	4165	4893	0.38%	0.044%
58	18.126	2598	2602	2605	rBV5	1919	2338	0.18%	0.021%
59	18.255	2621	2624	2629	rBV5	4129	6994	0.55%	0.062%
60	18.355	2636	2641	2647	rBV3	12399	18426	1.44%	0.164%
61	18.649	2687	2691	2693	rBV2	1594	2023	0.16%	0.018%
62	18.672	2693	2695	2698	rVB	1879	1815	0.14%	0.016%
63	18.737	2704	2706	2710	rBV3	1230	1923	0.15%	0.017%
64	18.866	2725	2728	2731	rBV2	2822	3432	0.27%	0.031%
65	18.937	2738	2740	2743	rVB	1965	1992	0.16%	0.018%
66	19.195	2782	2784	2785	rBV2	3046	2277	0.18%	0.020%
67	19.207	2785	2786	2790	rVV3	4070	4152	0.32%	0.037%
68	19.277	2794	2798	2799	rBV3	2042	1788	0.14%	0.016%
69	19.506	2831	2837	2842	rBV2	7773	11071	0.86%	0.099%
70	19.759	2875	2880	2887	rVB	8008	13207	1.03%	0.118%
71	19.812	2887	2889	2892	rBV	1635	1962	0.15%	0.017%

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72	19.871	2893	2899	2906	rVB	900797	1234222	96.39%	11.002%
73	20.323	2970	2976	2978	rBV3	8460	16006	1.25%	0.143%
74	20.523	3008	3010	3013	rBV2	2160	2230	0.17%	0.020%
75	20.640	3027	3030	3034	rBV4	4051	6863	0.54%	0.061%
76	20.740	3042	3047	3055	rVB4	11431	24330	1.90%	0.217%
77	21.334	3146	3148	3151	rBV3	2209	2917	0.23%	0.026%
78	21.369	3151	3154	3165	rVV4	30357	52436	4.10%	0.467%
79	21.669	3202	3205	3206	rBV2	3805	4396	0.34%	0.039%
80	21.763	3215	3221	3232	rVB	454037	763862	59.65%	6.809%
81	22.374	3323	3325	3327	rBV3	2759	2678	0.21%	0.024%
82	22.838	3402	3404	3407	rVB4	2907	2054	0.16%	0.018%
83	22.885	3410	3412	3413	rBV2	2324	1933	0.15%	0.017%
84	23.249	3470	3474	3481	rVB6	14838	28508	2.23%	0.254%
85	24.072	3608	3614	3622	rVB4	18138	41201	3.22%	0.367%
86	24.712	3721	3723	3725	rBV3	2742	2609	0.20%	0.023%
87	24.835	3732	3744	3757	rVB	456811	1280480	100.00%	11.414%
88	25.059	3771	3782	3792	rBV3	247907	735625	57.45%	6.557%
89	26.193	3968	3975	3983	rBV6	22198	59123	4.62%	0.527%
90	26.457	4018	4020	4021	rBV2	4943	3861	0.30%	0.034%
91	26.680	4056	4058	4061	rBV3	3895	3470	0.27%	0.031%
92	27.303	4162	4164	4166	rBV3	2635	2040	0.16%	0.018%
93	27.585	4202	4212	4224	rVB6	21556	80960	6.32%	0.722%
94	28.055	4290	4292	4294	rBV3	2362	2174	0.17%	0.019%
95	28.390	4347	4349	4352	rBV3	2502	2568	0.20%	0.023%
96	30.165	4649	4651	4653	rBV3	2591	2652	0.21%	0.024%
97	30.670	4735	4737	4740	rBV4	2993	3144	0.25%	0.028%
98	30.787	4755	4757	4760	rVB3	3590	1988	0.16%	0.018%

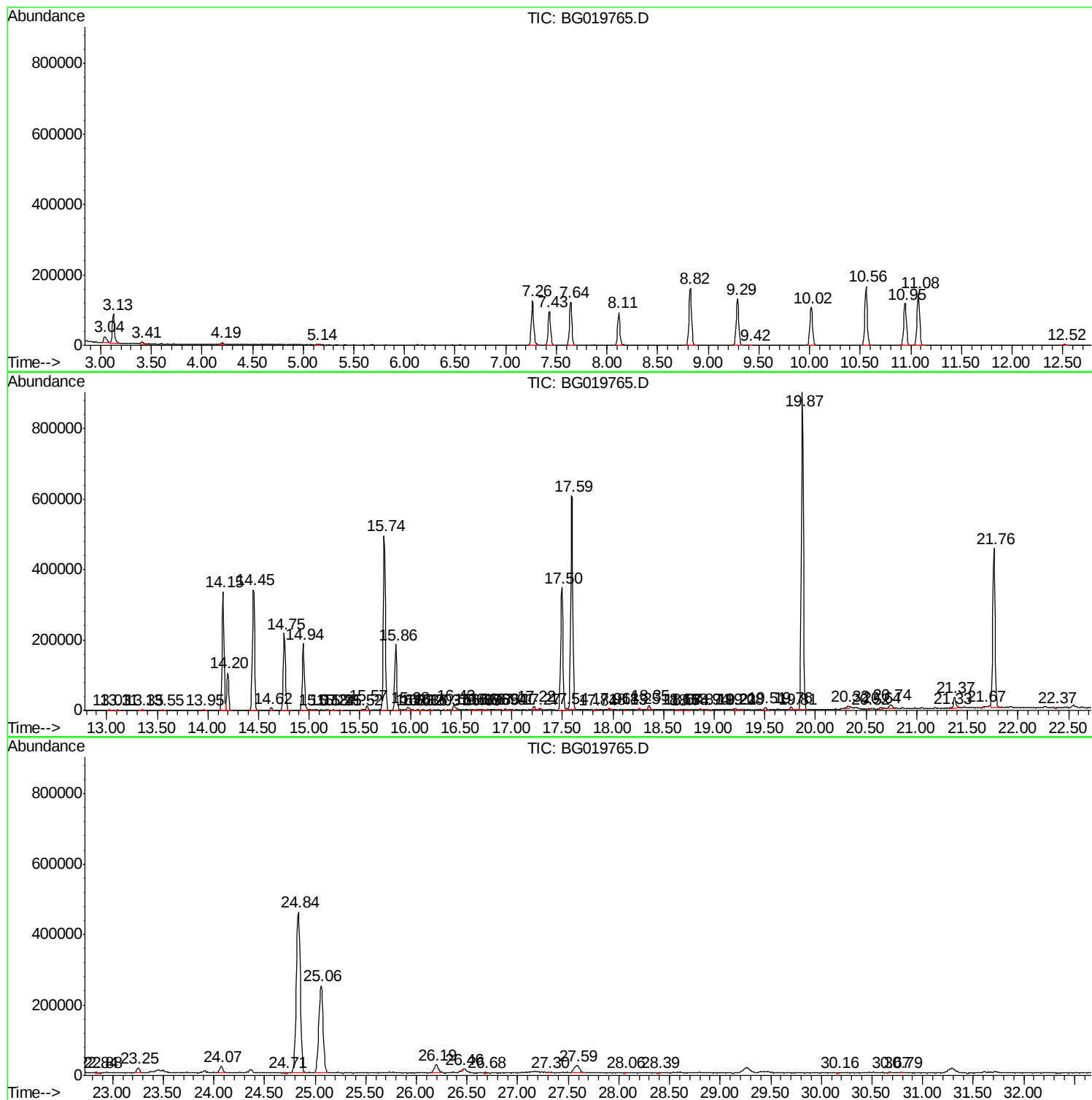
Sum of corrected areas: 11218212

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TIC Library : C:\DATABASE\NIST02.L
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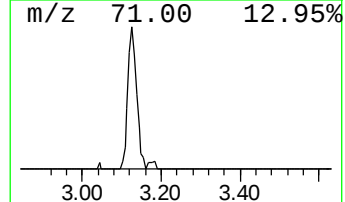
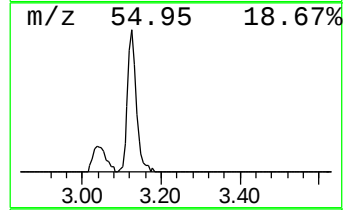
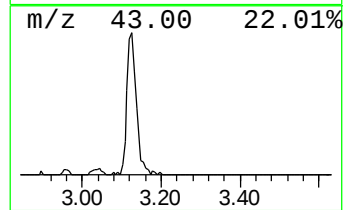
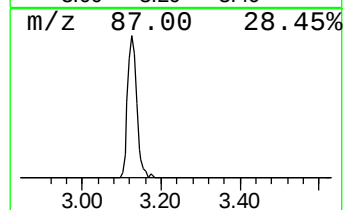
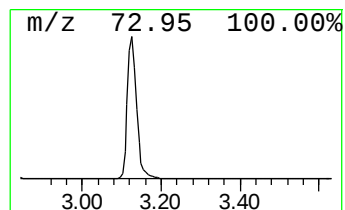
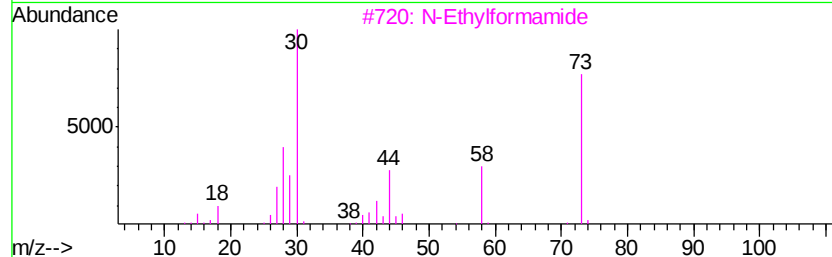
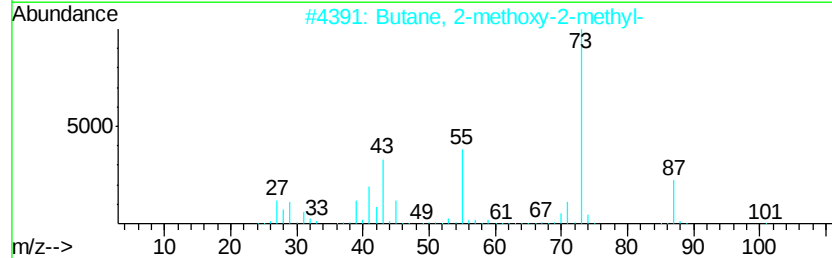
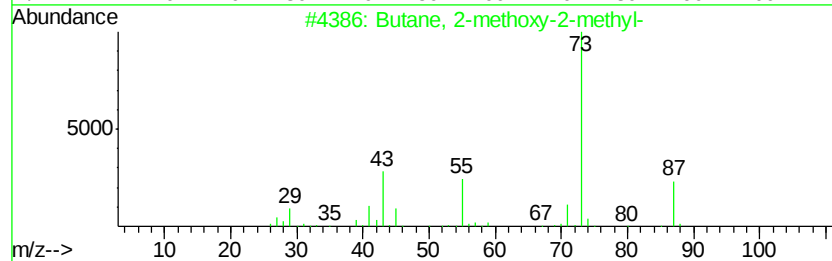
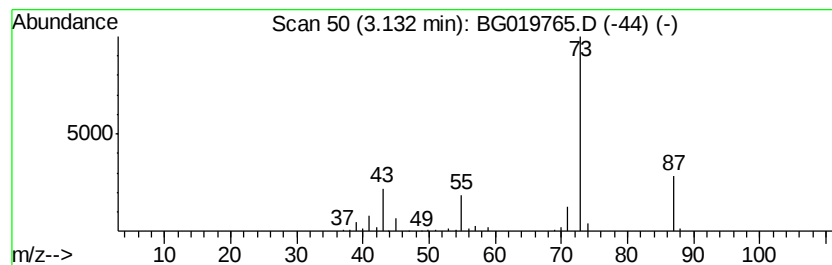
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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.
3.13	17.00 ng/ul	129670	1,4-Dichlorobenzene-d4	8.11

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	50
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9



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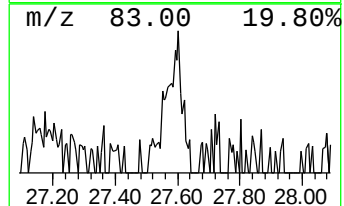
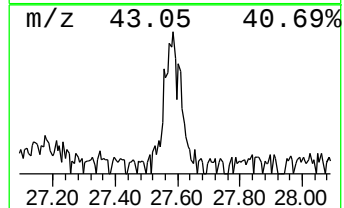
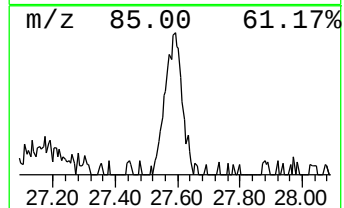
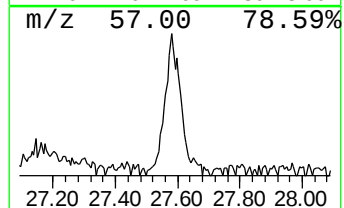
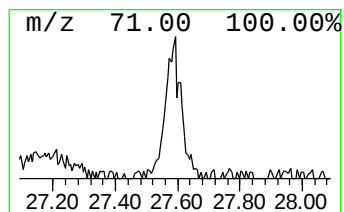
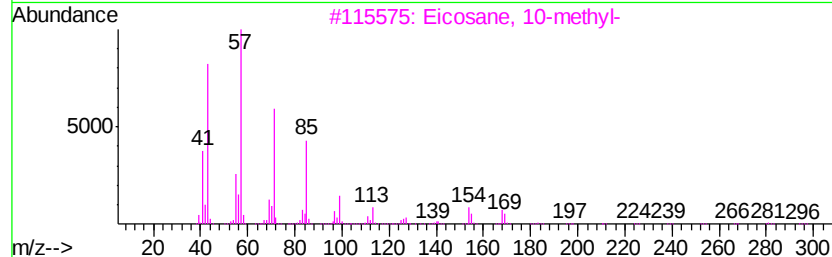
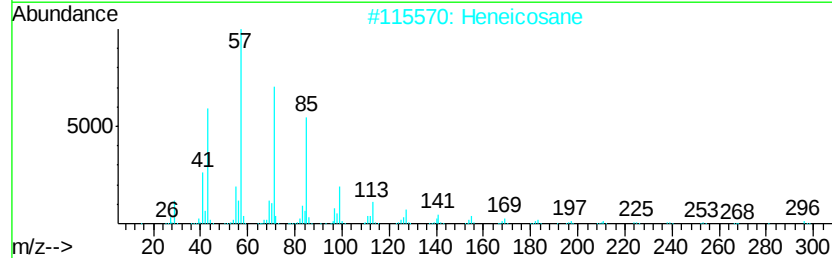
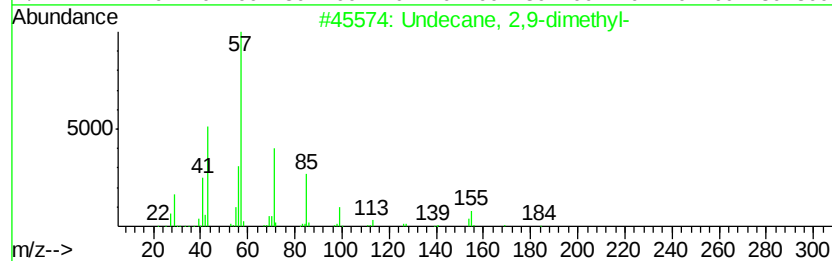
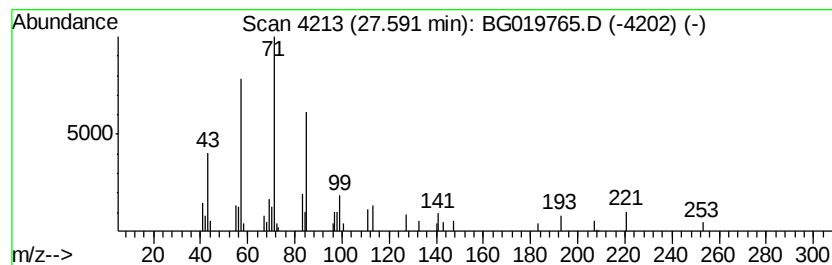
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	2.20 ng/ul	80960	Perylene-d12	25.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	86
2		Heneicosane	296	C21H44	000629-94-7	80
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	17.0	ng/ul	129670	1	8.11	152583	20.0
(DEL) Alkane: Str...	27.59	2.2	ng/ul	80960	6	25.06	735625	20.0