

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
 Data File : BG020709.D
 Acq On : 13 Jan 2016 20:23
 Operator : SJ/IZ
 Sample : H1096-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9C0

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-BG011216.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	3.051	31	36	45	rBV	69120	131016	22.18%	2.139%
2	3.128	45	49	66	rVB	138199	207085	35.06%	3.381%
3	3.404	93	96	103	rBV3	2900	4151	0.70%	0.068%
4	4.397	261	265	271	rVB2	7397	9443	1.60%	0.154%
5	4.820	333	337	340	rBV2	2809	3672	0.62%	0.060%
6	5.114	379	387	393	rBV4	3295	6306	1.07%	0.103%
7	7.205	736	743	755	rBV	45132	82939	14.04%	1.354%
8	7.364	764	770	777	rBV	38510	64927	10.99%	1.060%
9	7.576	800	806	816	rVB	48933	85706	14.51%	1.399%
10	8.040	879	885	893	rBV	60881	101709	17.22%	1.661%
11	8.751	1000	1006	1017	rBV	59283	104055	17.61%	1.699%
12	9.215	1077	1085	1095	rBV	49862	89649	15.18%	1.464%
13	9.938	1200	1208	1216	rBV	42486	78299	13.25%	1.278%
14	10.484	1295	1301	1312	rBV	66245	117783	19.94%	1.923%
15	10.860	1358	1365	1379	rBV	88528	160950	27.25%	2.628%
16	10.995	1382	1388	1398	rBV	44322	85944	14.55%	1.403%
17	14.080	1907	1913	1917	rBV	155245	216447	36.64%	3.534%
18	14.127	1917	1921	1928	rVB	61715	86613	14.66%	1.414%
19	14.373	1957	1963	1975	rBV	161611	255572	43.26%	4.173%
20	14.550	1990	1993	2001	rVB2	4167	5372	0.91%	0.088%
21	14.679	2009	2015	2023	rBV2	158355	254465	43.08%	4.154%
22	14.896	2047	2052	2066	rBV2	25102	52321	8.86%	0.854%
23	15.161	2094	2097	2100	rVB2	1300	1703	0.29%	0.028%
24	15.502	2150	2155	2161	rVB	7953	10074	1.71%	0.164%
25	15.672	2178	2184	2191	rBV	234171	342923	58.05%	5.599%
26	15.801	2201	2206	2214	rBV	46244	73285	12.41%	1.196%
27	15.907	2218	2224	2228	rVB2	3419	5973	1.01%	0.098%
28	16.007	2235	2241	2245	rBV2	976	1791	0.30%	0.029%
29	16.295	2287	2290	2297	rVB3	1115	1687	0.29%	0.028%
30	16.365	2297	2302	2312	rBV2	10393	19377	3.28%	0.316%
31	16.542	2329	2332	2336	rBV2	1962	2794	0.47%	0.046%
32	16.712	2356	2361	2366	rBV5	4349	7938	1.34%	0.130%
33	16.753	2366	2368	2372	rVV3	2111	3090	0.52%	0.050%
34	16.876	2386	2389	2397	rVB4	1628	2647	0.45%	0.043%

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35	17.129	2429	2432	2433	rVV	2016	1693	0.29%	0.028%
36	17.158	2433	2437	2441	rVV2	5056	7139	1.21%	0.117%
37	17.205	2441	2445	2450	rVV3	1895	2838	0.48%	0.046%
38	17.429	2476	2483	2487	rBV	221067	333110	56.39%	5.438%
39	17.470	2487	2490	2494	rVV	31291	42721	7.23%	0.697%
40	17.529	2494	2500	2510	rVV	243439	385626	65.28%	6.296%
41	17.899	2558	2563	2567	rVB3	1658	1964	0.33%	0.032%
42	17.946	2567	2571	2574	rVB2	1453	2151	0.36%	0.035%
43	18.016	2574	2583	2588	rBV3	1271	2344	0.40%	0.038%
44	18.163	2602	2608	2611	rBV3	1199	1948	0.33%	0.032%
45	18.304	2628	2632	2636	rVV	10131	15391	2.61%	0.251%
46	18.351	2636	2640	2646	rVB2	12153	18023	3.05%	0.294%
47	18.433	2650	2654	2658	rBV2	1758	2740	0.46%	0.045%
48	18.492	2658	2664	2668	rBV2	12535	23986	4.06%	0.392%
49	18.533	2668	2671	2676	rVB	8895	12004	2.03%	0.196%
50	18.792	2710	2715	2720	rBV2	5853	8507	1.44%	0.139%
51	18.845	2720	2724	2731	rVV3	5954	8918	1.51%	0.146%
52	19.039	2753	2757	2760	rVB3	1829	2867	0.49%	0.047%
53	19.091	2763	2766	2770	rVB2	3155	3367	0.57%	0.055%
54	19.133	2770	2773	2778	rVB3	2345	3072	0.52%	0.050%
55	19.209	2781	2786	2791	rBV	13560	19938	3.38%	0.326%
56	19.262	2791	2795	2796	rBV2	3320	4333	0.73%	0.071%
57	19.362	2806	2812	2821	rVB6	4884	12580	2.13%	0.205%
58	19.479	2827	2832	2838	rVB	63308	87377	14.79%	1.427%
59	19.532	2838	2841	2844	rVB3	2334	3083	0.52%	0.050%
60	19.567	2844	2847	2853	rBV6	3766	6227	1.05%	0.102%
61	19.626	2853	2857	2862	rBV2	2320	4601	0.78%	0.075%
62	19.679	2862	2866	2867	rBV2	2090	2696	0.46%	0.044%
63	19.814	2881	2889	2901	rVV2	332128	590738	100.00%	9.645%
64	19.908	2901	2905	2911	rVB3	6530	9315	1.58%	0.152%
65	20.073	2928	2933	2937	rVB4	2266	3277	0.55%	0.054%
66	20.167	2943	2949	2955	rBV5	8119	17469	2.96%	0.285%
67	20.325	2972	2976	2982	rVB3	14758	28685	4.86%	0.468%
68	20.396	2986	2988	2990	rBV3	1589	1735	0.29%	0.028%
69	20.431	2990	2994	2998	rVB	8048	10508	1.78%	0.172%
70	20.484	2998	3003	3008	rBV4	12693	19022	3.22%	0.311%
71	20.525	3008	3010	3012	rVB3	2249	1973	0.33%	0.032%

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72	20.631	3023	3028	3032	rBV	11187	16883	2.86%	0.276%
73	20.672	3032	3035	3039	rVV2	9591	15201	2.57%	0.248%
74	20.707	3039	3041	3046	rVB	16890	20068	3.40%	0.328%
75	20.878	3068	3070	3071	rBV	2040	1622	0.27%	0.026%
76	20.925	3073	3078	3080	rVV4	2399	3747	0.63%	0.061%
77	20.995	3088	3090	3094	rVB5	2134	2183	0.37%	0.036%
78	21.101	3104	3108	3114	rVB3	7562	11591	1.96%	0.189%
79	21.283	3135	3139	3140	rBV2	4765	5866	0.99%	0.096%
80	21.312	3140	3144	3150	rVB2	24281	35438	6.00%	0.579%
81	21.436	3159	3165	3168	rBV5	5597	9879	1.67%	0.161%
82	21.700	3201	3210	3215	rBV	277545	489997	82.95%	8.000%
83	21.747	3215	3218	3228	rVB	35134	56700	9.60%	0.926%
84	21.976	3254	3257	3258	rBV3	2835	2981	0.50%	0.049%
85	22.358	3319	3322	3325	rBV5	2248	2690	0.46%	0.044%
86	22.435	3332	3335	3338	rBV2	4792	6703	1.13%	0.109%
87	22.705	3377	3381	3387	rBV5	5092	10209	1.73%	0.167%
88	22.852	3401	3406	3408	rBV4	3048	4227	0.72%	0.069%
89	23.157	3451	3458	3462	rBV8	7749	16731	2.83%	0.273%
90	23.345	3488	3490	3492	rBV3	2385	2576	0.44%	0.042%
91	23.921	3581	3588	3590	rBV2	18294	40393	6.84%	0.659%
92	24.180	3627	3632	3635	rBV5	4110	8717	1.48%	0.142%
93	24.644	3706	3711	3716	rBV3	8974	19664	3.33%	0.321%
94	24.726	3716	3725	3733	rBV	166142	423558	71.70%	6.915%
95	24.949	3750	3763	3775	rBV2	138731	395308	66.92%	6.454%
96	26.036	3940	3948	3960	rVB3	30257	90317	15.29%	1.475%
97	27.388	4169	4178	4180	rBV4	8527	20865	3.53%	0.341%
98	28.375	4344	4346	4349	rBV3	1622	1922	0.33%	0.031%
99	29.003	4447	4453	4464	rVB8	7492	24773	4.19%	0.404%
100	29.797	4585	4588	4589	rBV2	2249	2617	0.44%	0.043%

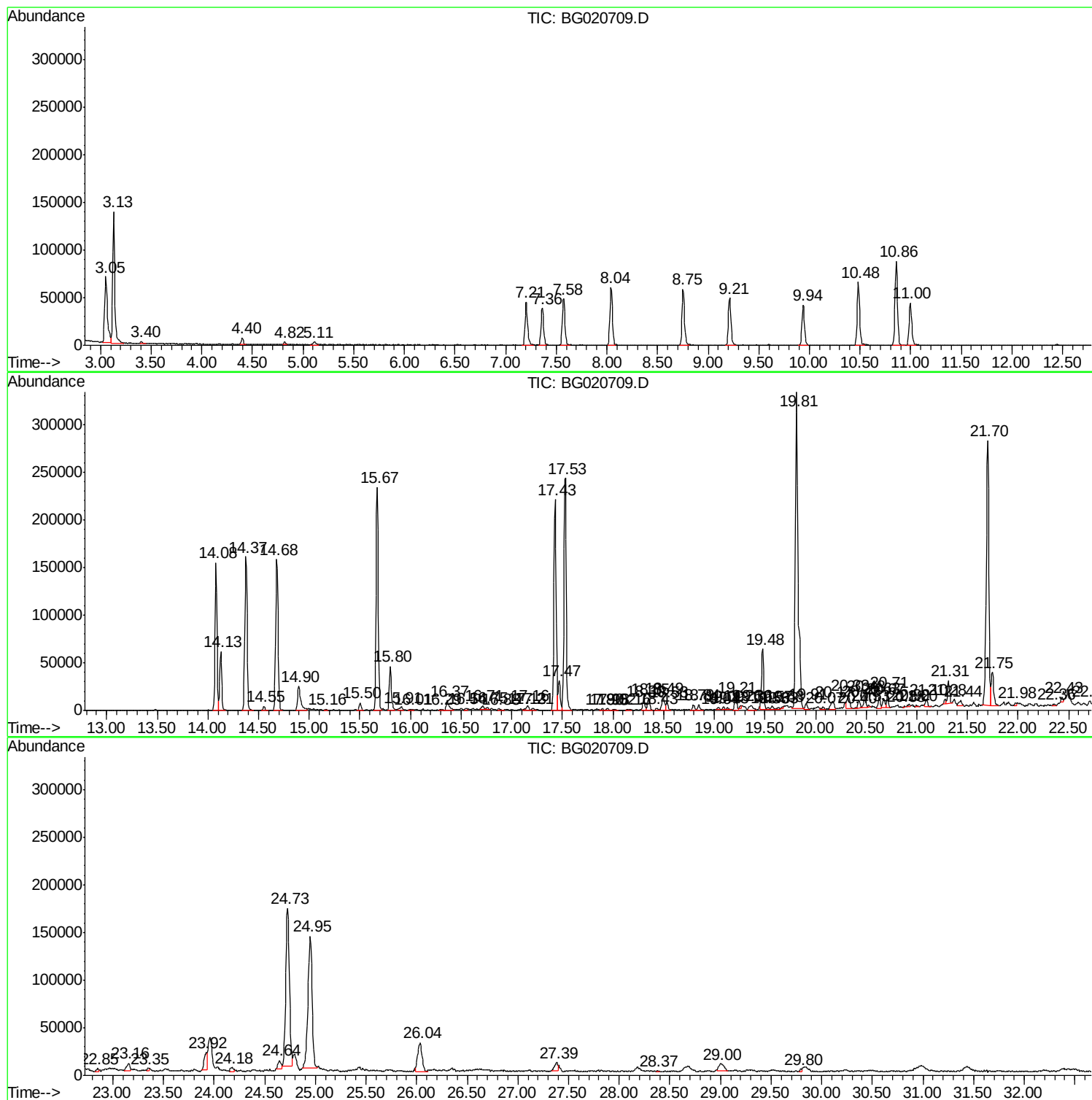
Sum of corrected areas: 6125098

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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



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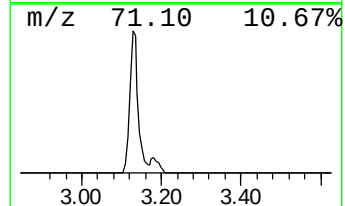
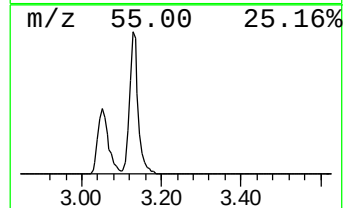
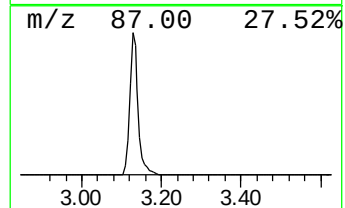
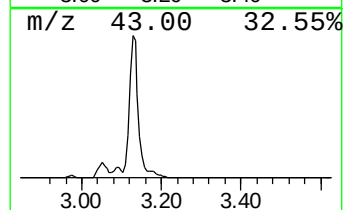
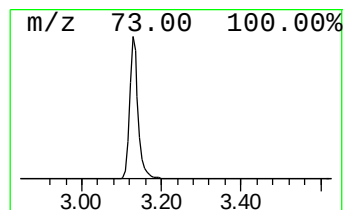
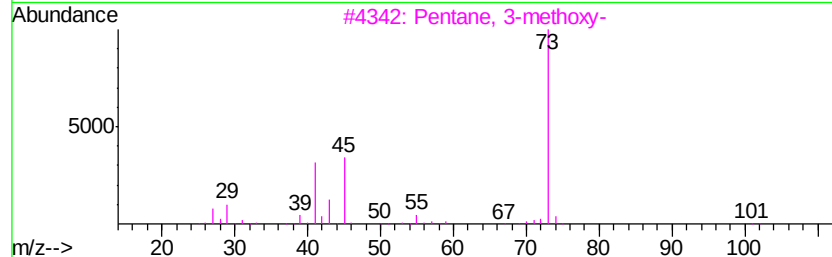
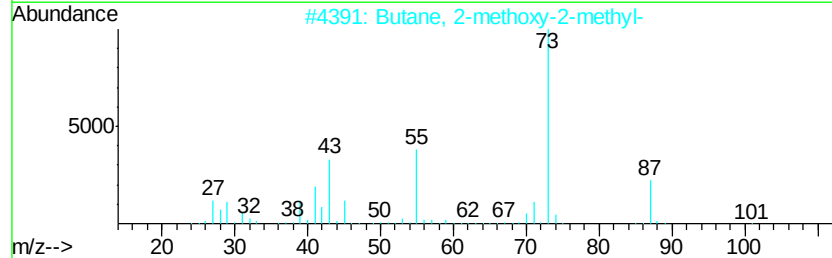
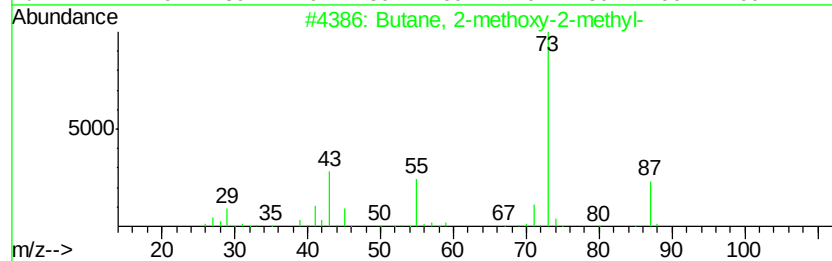
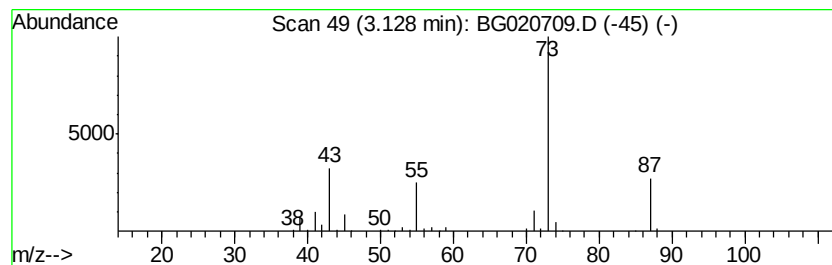
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION

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	40.72 ng/ul	207085	1,4-Dichlorobenzene-d4	8.04

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	64
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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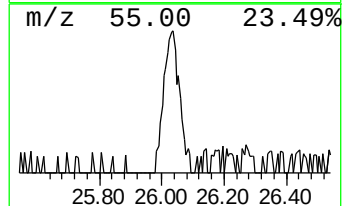
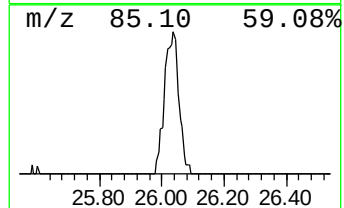
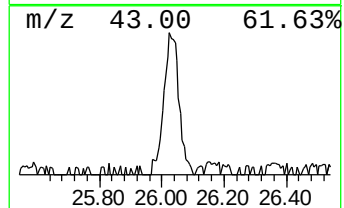
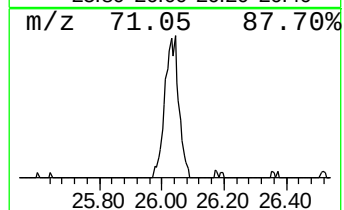
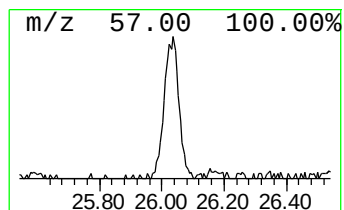
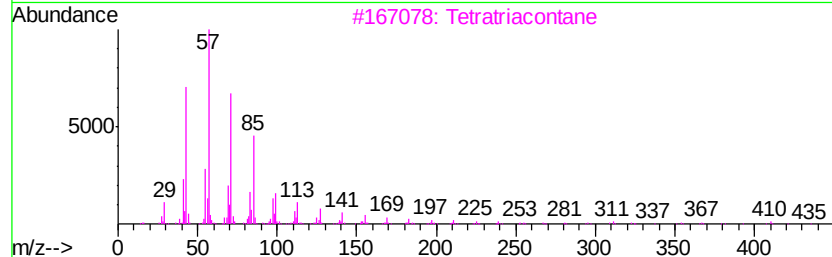
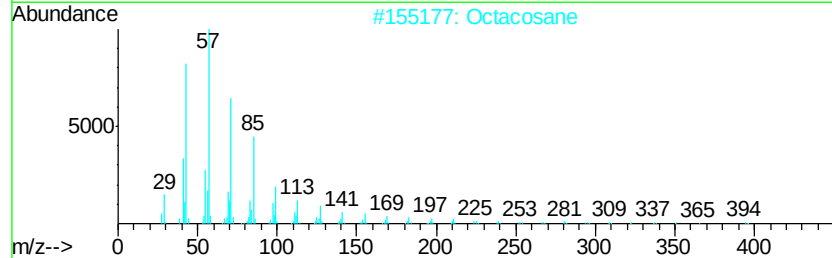
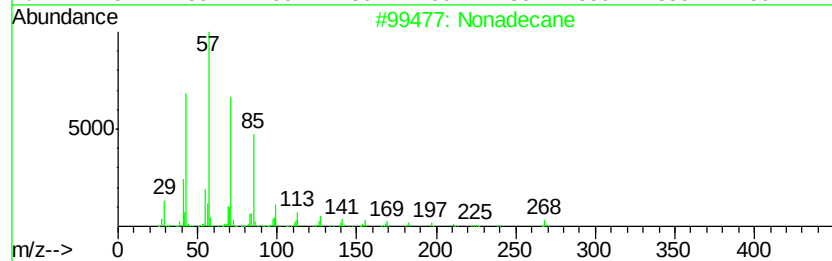
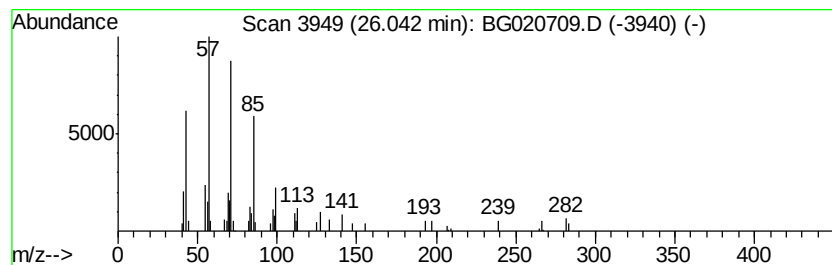
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	4.57 ng/ul	90317	Perylene-d12	24.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Octacosane	394	C28H58	000630-02-4	87
3			Tetratriacontane	479	C34H70	014167-59-0	87
4			Eicosane	282	C20H42	000112-95-8	87
5			Pentacosane	352	C25H52	000629-99-2	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	40.7	ng/ul	207085	1	8.04	101709	20.0
(DEL) Alkane: Str...	26.04	4.6	ng/ul	90317	6	24.95	395308	20.0