

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020522.D
 Acq On : 26 Dec 2015 3:01
 Operator : UM/SJ
 Sample : G4802-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C83

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-BG122415.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	2.949	16	19	26	rVB3	2556	4175	0.54%	0.063%
2	3.096	38	44	54	rBV	20820	42604	5.56%	0.646%
3	3.172	54	57	66	rVB	15517	21832	2.85%	0.331%
4	3.448	99	104	111	rBV	2638	4414	0.58%	0.067%
5	7.232	742	748	759	rBV	64424	110758	14.44%	1.679%
6	7.397	767	776	791	rBB	50940	86224	11.24%	1.307%
7	7.602	805	811	821	rBV	64427	111171	14.50%	1.685%
8	8.072	884	891	900	rBB	51255	85773	11.18%	1.300%
9	8.783	1006	1012	1026	rBV	86922	149980	19.56%	2.273%
10	9.242	1081	1090	1100	rBV	67179	117303	15.30%	1.778%
11	9.359	1106	1110	1113	rBB2	1678	2075	0.27%	0.031%
12	9.970	1207	1214	1222	rBV	56277	100390	13.09%	1.522%
13	10.511	1299	1306	1317	rBV	89264	158392	20.65%	2.401%
14	10.893	1364	1371	1379	rBV	76086	135163	17.63%	2.049%
15	11.028	1387	1394	1408	rBV	79756	152864	19.93%	2.317%
16	12.473	1636	1640	1645	rBV	1256	1906	0.25%	0.029%
17	13.307	1778	1782	1786	rBV3	1686	2278	0.30%	0.035%
18	14.106	1912	1918	1922	rBV	193678	277944	36.24%	4.213%
19	14.153	1922	1926	1934	rVB	102095	147099	19.18%	2.230%
20	14.406	1962	1969	1977	rBV	206959	325239	42.41%	4.930%
21	14.582	1997	1999	2002	rBB	1454	1458	0.19%	0.022%
22	14.712	2011	2021	2029	rBB2	127473	212890	27.76%	3.227%
23	14.911	2049	2055	2067	rBV	51868	93779	12.23%	1.421%
24	15.481	2147	2152	2157	rBV2	2752	4137	0.54%	0.063%
25	15.534	2157	2161	2165	rVB	5696	6509	0.85%	0.099%
26	15.699	2183	2189	2196	rBV	304171	447172	58.31%	6.778%
27	15.816	2204	2209	2218	rBV	60752	88061	11.48%	1.335%
28	15.940	2225	2230	2235	rVB2	3756	5370	0.70%	0.081%
29	16.392	2302	2307	2317	rBV2	7630	14421	1.88%	0.219%
30	16.574	2333	2338	2344	rBV2	2008	2932	0.38%	0.044%
31	16.739	2362	2366	2368	rBV	1016	1271	0.17%	0.019%
32	16.850	2380	2385	2387	rBV2	746	1039	0.14%	0.016%
33	17.185	2437	2442	2447	rVB2	8070	9822	1.28%	0.149%
34	17.238	2447	2451	2455	rBV2	2525	3662	0.48%	0.056%

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35	17.455	2480	2488	2493	rBV2	199346	303883	39.63%	4.606%
36	17.549	2498	2504	2516	rVB2	343985	534565	69.71%	8.103%
37	17.720	2530	2533	2536	rVB	1114	1338	0.17%	0.020%
38	17.814	2544	2549	2559	rBV4	11751	21463	2.80%	0.325%
39	17.925	2563	2568	2573	rBV	7536	9734	1.27%	0.148%
40	18.202	2611	2615	2622	rBV3	845	1723	0.22%	0.026%
41	18.325	2631	2636	2641	rBV2	11882	16844	2.20%	0.255%
42	18.372	2641	2644	2645	rVV2	1506	1501	0.20%	0.023%
43	18.401	2645	2649	2652	rVV2	1989	2759	0.36%	0.042%
44	18.525	2665	2670	2674	rBV3	777	1222	0.16%	0.019%
45	18.613	2681	2685	2690	rBV	4635	5623	0.73%	0.085%
46	18.742	2702	2707	2712	rBV2	11225	12690	1.65%	0.192%
47	19.242	2787	2792	2796	rVB3	2769	3768	0.49%	0.057%
48	19.471	2826	2831	2833	rBV2	5250	7124	0.93%	0.108%
49	19.500	2833	2836	2841	rVV	10927	14236	1.86%	0.216%
50	19.588	2845	2851	2857	rBV2	4086	6649	0.87%	0.101%
51	19.729	2870	2875	2880	rVB2	3741	6609	0.86%	0.100%
52	19.835	2884	2893	2903	rBV	525860	761104	99.25%	11.536%
53	19.900	2903	2904	2908	rVB3	2045	1740	0.23%	0.026%
54	19.929	2908	2909	2912	rVB2	1134	1063	0.14%	0.016%
55	20.146	2943	2946	2947	rBV2	840	1066	0.14%	0.016%
56	20.317	2971	2975	2976	rBV3	1390	1235	0.16%	0.019%
57	20.340	2977	2979	2981	rVV2	1848	1813	0.24%	0.027%
58	20.423	2990	2993	2996	rVB3	1230	1288	0.17%	0.020%
59	20.458	2996	2999	3001	rBV4	1132	1256	0.16%	0.019%
60	20.487	3001	3004	3006	rBV3	1085	1340	0.17%	0.020%
61	20.522	3006	3010	3011	rBV2	1110	1150	0.15%	0.017%
62	20.728	3040	3045	3049	rVV	15210	18534	2.42%	0.281%
63	20.822	3058	3061	3062	rBV3	1018	1095	0.14%	0.017%
64	20.863	3067	3068	3073	rBV5	1468	1743	0.23%	0.026%
65	21.169	3118	3120	3122	rBV3	1408	1122	0.15%	0.017%
66	21.345	3145	3150	3157	rBV3	14575	25769	3.36%	0.391%
67	21.592	3188	3192	3197	rBV5	1506	2396	0.31%	0.036%
68	21.727	3207	3215	3230	rBV	274877	454907	59.32%	6.895%
69	22.297	3310	3312	3314	rBV3	1433	1195	0.16%	0.018%
70	22.361	3321	3323	3325	rBV3	1234	1054	0.14%	0.016%
71	22.508	3344	3348	3352	rVB5	2486	4211	0.55%	0.064%

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72	22.714	3381	3383	3386	rVB4	1541	1275	0.17%	0.019%
73	22.737	3386	3387	3389	rBV2	1601	1151	0.15%	0.017%
74	23.119	3451	3452	3454	rBV	1648	1263	0.16%	0.019%
75	23.137	3454	3455	3459	rVV3	1955	2758	0.36%	0.042%
76	23.202	3462	3466	3472	rVB6	7190	13382	1.75%	0.203%
77	23.325	3485	3487	3490	rBV4	1307	1497	0.20%	0.023%
78	23.401	3493	3500	3506	rBV3	6980	13974	1.82%	0.212%
79	23.513	3517	3519	3522	rBV3	1267	1463	0.19%	0.022%
80	23.836	3572	3574	3575	rBV	2199	1664	0.22%	0.025%
81	24.012	3598	3604	3611	rVB6	11924	23496	3.06%	0.356%
82	24.488	3683	3685	3689	rBV4	1343	1646	0.21%	0.025%
83	24.670	3713	3716	3717	rBV3	1770	1898	0.25%	0.029%
84	24.764	3721	3732	3750	rVB	283794	766870	100.00%	11.624%
85	24.982	3759	3769	3784	rVB2	156218	441833	57.62%	6.697%
86	25.746	3897	3899	3902	rVB4	1514	1163	0.15%	0.018%
87	25.940	3930	3932	3935	rBV3	1158	1547	0.20%	0.023%
88	26.104	3952	3960	3970	rVB2	13738	38971	5.08%	0.591%
89	26.357	4001	4003	4006	rBV4	1438	1678	0.22%	0.025%
90	26.715	4062	4064	4065	rBV	1244	1106	0.14%	0.017%
91	27.473	4185	4193	4203	rVB5	13122	45557	5.94%	0.691%
92	28.219	4318	4320	4324	rBV5	1176	1995	0.26%	0.030%
93	28.824	4420	4423	4425	rBV3	1263	1850	0.24%	0.028%
94	28.942	4440	4443	4445	rBV2	1664	2172	0.28%	0.033%
95	29.059	4461	4463	4464	rBV	1709	1158	0.15%	0.018%
96	29.112	4464	4472	4485	rVB8	11114	41813	5.45%	0.634%
97	29.565	4548	4549	4554	rBV2	1217	1686	0.22%	0.026%
98	30.640	4730	4732	4734	rBV3	1485	1506	0.20%	0.023%
99	31.098	4801	4810	4811	rBV6	6297	12781	1.67%	0.194%
100	32.126	4984	4985	4987	rBV2	1515	1330	0.17%	0.020%

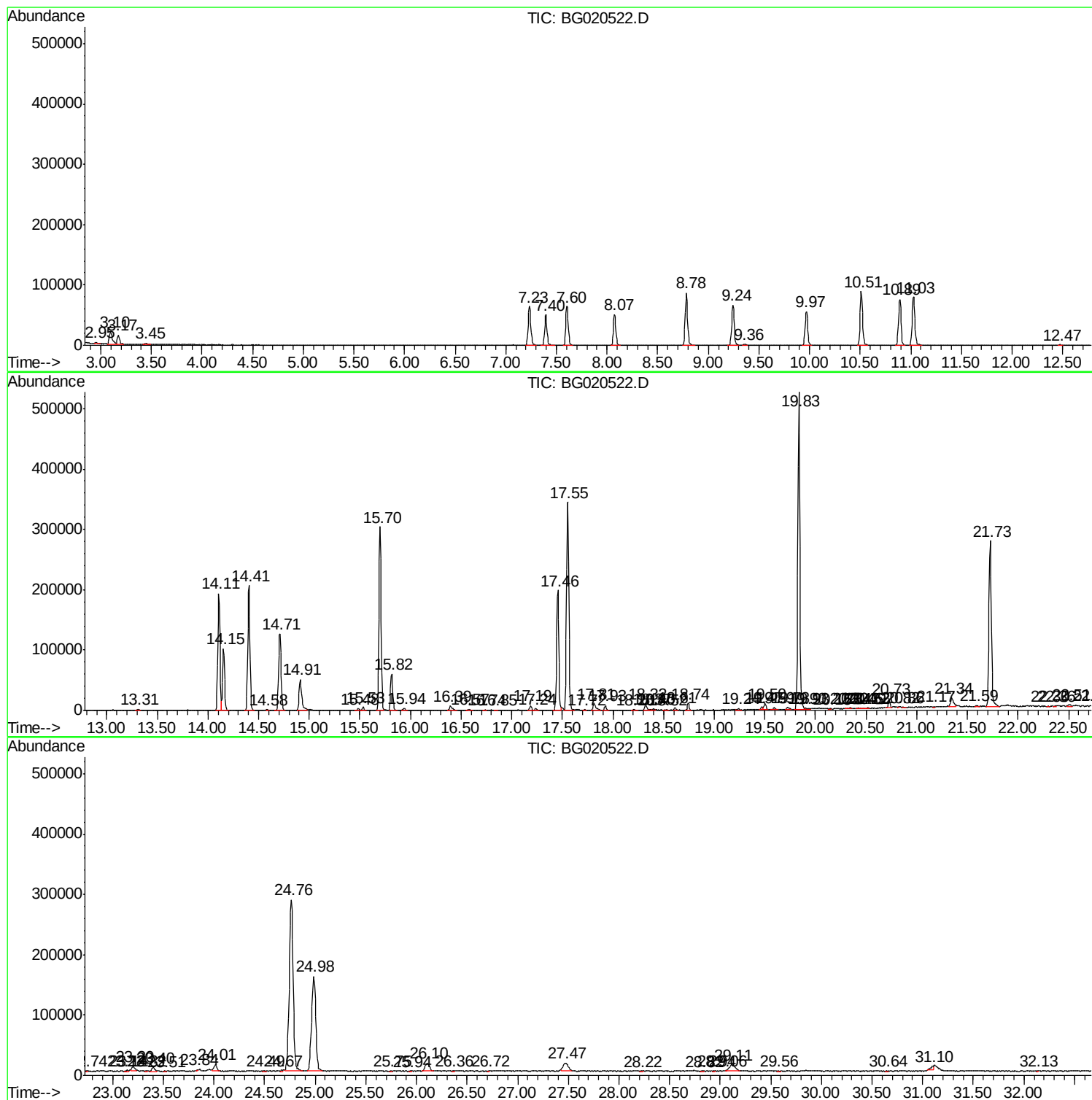
Sum of corrected areas: 6597402

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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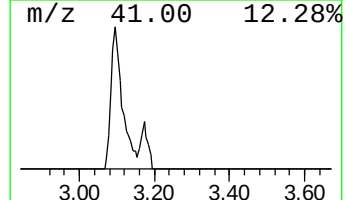
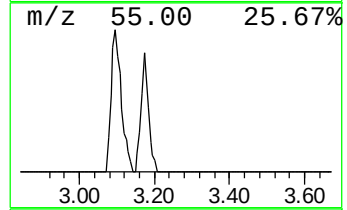
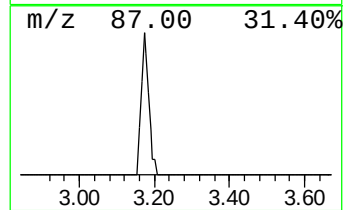
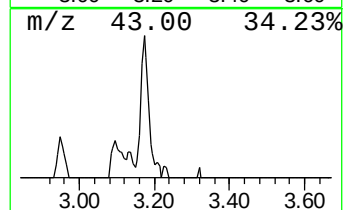
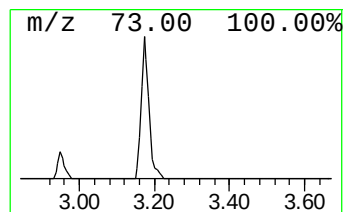
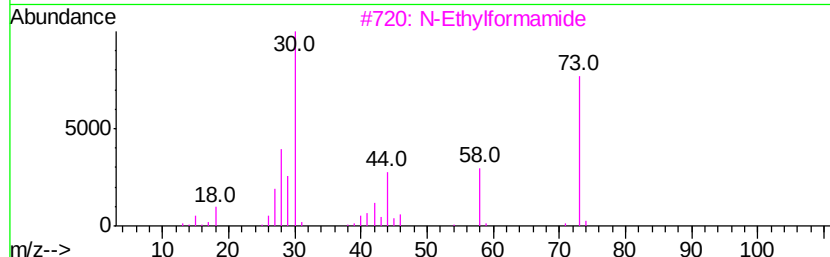
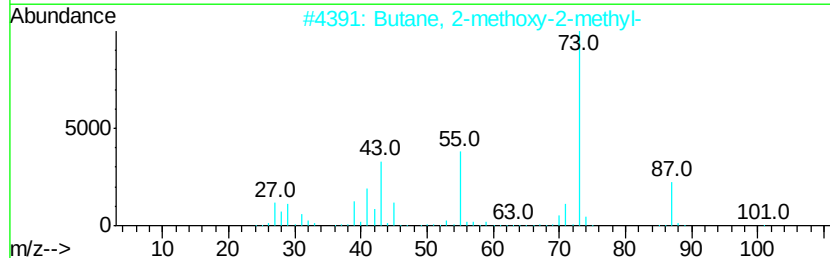
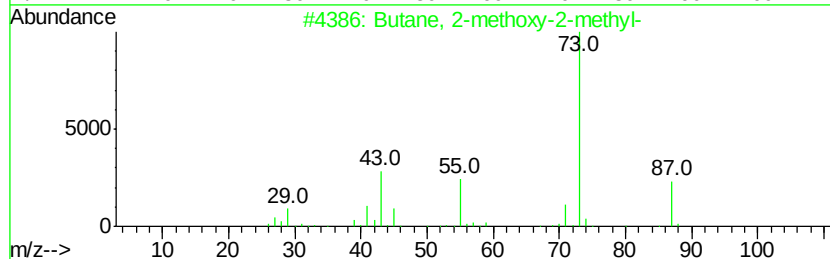
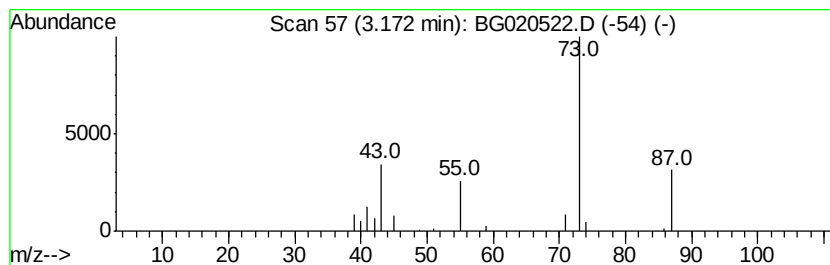
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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.
3.17	5.09 ng/ul	21832	1,4-Dichlorobenzene-d4	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9



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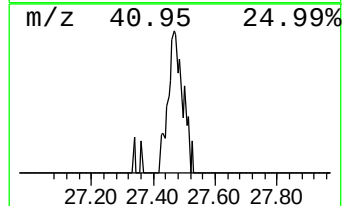
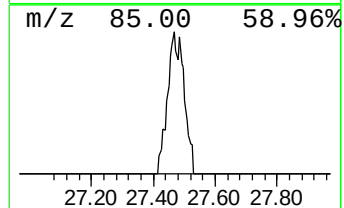
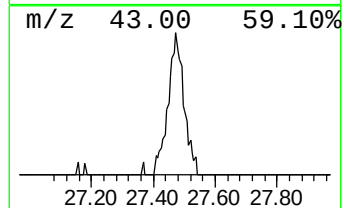
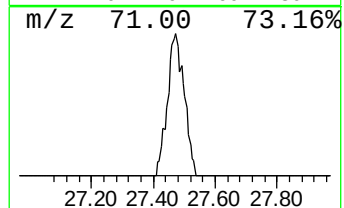
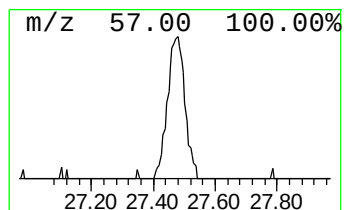
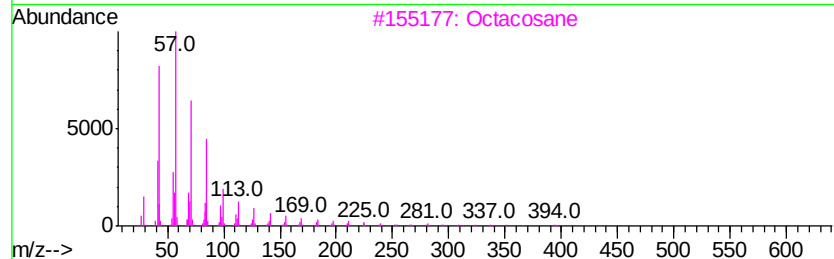
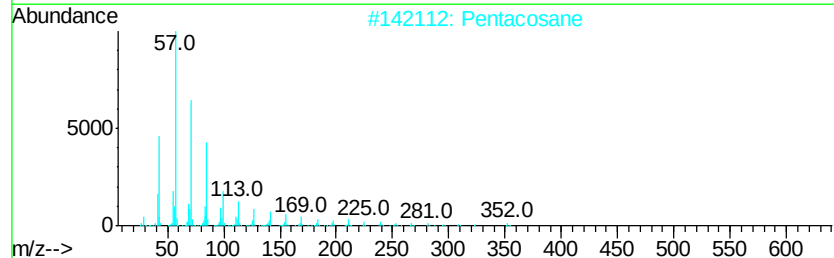
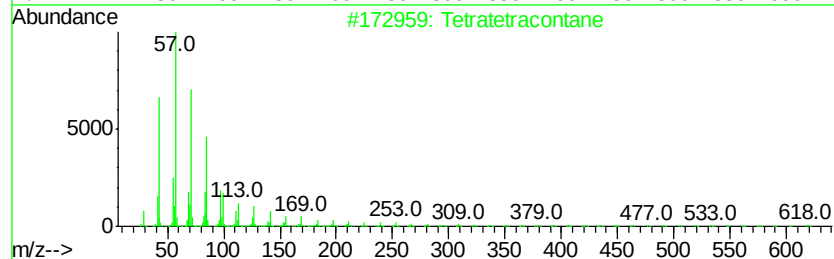
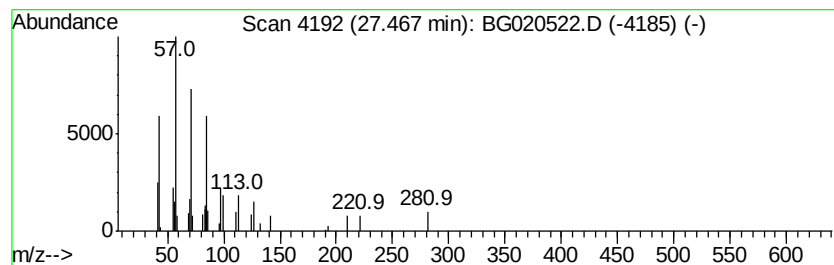
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.47	2.06 ng/ul	45557	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	86
2		Pentacosane	352	C25H52	000629-99-2	80
3		Octacosane	394	C28H58	000630-02-4	80
4		Tetratriacontane	479	C34H70	014167-59-0	80
5		Heneicosane	296	C21H44	000629-94-7	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	5.1	ng/ul	21832	1	8.07	85773	20.0
(DEL) Alkane: Str...	27.47	2.1	ng/ul	45557	6	24.98	441833	20.0