

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020525.D
 Acq On : 26 Dec 2015 4:59
 Operator : UM/SJ
 Sample : G4802-05
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D80

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	2.956	16	20	25	rVV	4646	6407	0.73%	0.078%
2	3.097	39	44	53	rVV	22232	49360	5.60%	0.602%
3	3.174	53	57	70	rVB	20608	32656	3.71%	0.398%
4	3.444	99	103	108	rVB	3404	5191	0.59%	0.063%
5	3.738	150	153	161	rVB	2078	3345	0.38%	0.041%
6	7.069	716	720	723	rBV2	1363	2013	0.23%	0.025%
7	7.233	741	748	763	rBV	83675	147198	16.71%	1.794%
8	7.392	769	775	782	rBV	70474	115133	13.07%	1.403%
9	7.604	805	811	821	rBV	88622	149626	16.99%	1.823%
10	8.074	884	891	899	rBB	68456	114793	13.03%	1.399%
11	8.779	1005	1011	1020	rBV	111893	197692	22.44%	2.409%
12	9.243	1083	1090	1101	rBV	88097	156778	17.80%	1.911%
13	9.355	1105	1109	1115	rBV	2195	3602	0.41%	0.044%
14	9.966	1205	1213	1224	rBV	78623	138898	15.77%	1.693%
15	10.512	1299	1306	1319	rBV	116264	211424	24.00%	2.577%
16	10.888	1363	1370	1378	rBV	99569	174906	19.85%	2.132%
17	11.023	1386	1393	1406	rBV	107312	201883	22.92%	2.460%
18	12.469	1638	1639	1644	rVB	1491	1593	0.18%	0.019%
19	13.056	1735	1739	1744	rBB2	1403	1942	0.22%	0.024%
20	13.309	1776	1782	1785	rBB2	2689	3505	0.40%	0.043%
21	13.585	1825	1829	1832	rBV2	1142	1704	0.19%	0.021%
22	14.108	1912	1918	1922	rBV	256392	368479	41.83%	4.491%
23	14.155	1922	1926	1932	rVB	107742	149188	16.94%	1.818%
24	14.402	1961	1968	1978	rBV	276132	428637	48.66%	5.224%
25	14.584	1996	1999	2002	rBV	1637	2023	0.23%	0.025%
26	14.707	2014	2020	2027	rBB2	173112	277608	31.51%	3.383%
27	14.907	2049	2054	2072	rBV	80874	141091	16.02%	1.719%
28	15.483	2148	2152	2156	rBV2	3649	5193	0.59%	0.063%
29	15.530	2156	2160	2164	rVB3	6753	8822	1.00%	0.108%
30	15.700	2182	2189	2196	rBV	376116	576184	65.41%	7.022%
31	15.812	2202	2208	2215	rBV	93814	134784	15.30%	1.643%
32	15.941	2220	2230	2235	rBV2	5797	9419	1.07%	0.115%
33	16.393	2300	2307	2317	rBV2	9446	18904	2.15%	0.230%
34	16.575	2334	2338	2342	rVB3	3557	4575	0.52%	0.056%

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35	16.904	2389	2394	2397	rVB	1125	1324	0.15%	0.016%
36	16.969	2399	2405	2409	rVB2	1264	1814	0.21%	0.022%
37	17.181	2438	2441	2445	rBV	10694	13778	1.56%	0.168%
38	17.239	2445	2451	2456	rVB3	3748	6178	0.70%	0.075%
39	17.451	2481	2487	2498	rBV	251611	381980	43.36%	4.655%
40	17.551	2498	2504	2513	rVV	448613	670540	76.12%	8.172%
41	17.633	2516	2518	2520	rVV3	1864	1863	0.21%	0.023%
42	17.721	2530	2533	2535	rVB3	1370	1290	0.15%	0.016%
43	17.809	2542	2548	2559	rBV2	34436	58539	6.65%	0.713%
44	17.886	2559	2561	2564	rVV3	1654	2482	0.28%	0.030%
45	17.927	2564	2568	2573	rVB	9376	12275	1.39%	0.150%
46	18.009	2580	2582	2585	rVB2	1503	1424	0.16%	0.017%
47	18.056	2585	2590	2591	rBV2	747	1123	0.13%	0.014%
48	18.097	2595	2597	2601	rVB3	1187	1401	0.16%	0.017%
49	18.209	2612	2616	2618	rBV4	1574	2340	0.27%	0.029%
50	18.320	2630	2635	2642	rBV2	25035	34861	3.96%	0.425%
51	18.397	2645	2648	2652	rVV	4030	5735	0.65%	0.070%
52	18.526	2666	2670	2673	rVB3	990	1375	0.16%	0.017%
53	18.608	2681	2684	2689	rBV	6495	7990	0.91%	0.097%
54	18.744	2701	2707	2711	rBV	21568	23902	2.71%	0.291%
55	19.061	2759	2761	2766	rVB2	929	1202	0.14%	0.015%
56	19.172	2776	2780	2788	rBV3	13267	21536	2.44%	0.262%
57	19.237	2788	2791	2798	rVB2	4800	7351	0.83%	0.090%
58	19.402	2815	2819	2820	rVB3	1215	1200	0.14%	0.015%
59	19.472	2825	2831	2836	rBV2	6310	12696	1.44%	0.155%
60	19.590	2847	2851	2857	rBV4	10858	15875	1.80%	0.193%
61	19.731	2869	2875	2882	rVB4	6535	12692	1.44%	0.155%
62	19.836	2882	2893	2902	rBV	602630	869976	98.76%	10.602%
63	20.036	2924	2927	2928	rBV3	961	1109	0.13%	0.014%
64	20.342	2977	2979	2984	rVB5	2602	3247	0.37%	0.040%
65	20.553	3012	3015	3018	rBV3	1769	1895	0.22%	0.023%
66	20.612	3023	3025	3028	rBV3	1052	1312	0.15%	0.016%
67	20.724	3037	3044	3051	rBV	28301	40031	4.54%	0.488%
68	20.794	3054	3056	3058	rVV	2680	2314	0.26%	0.028%
69	20.829	3060	3062	3067	rVB5	2699	3999	0.45%	0.049%
70	21.346	3145	3150	3160	rBV4	24739	49964	5.67%	0.609%
71	21.593	3187	3192	3198	rVB	41265	55612	6.31%	0.678%

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72	21.728	3207	3215	3222	rBV	307208	512393	58.17%	6.244%
73	21.981	3256	3258	3261	rBV4	1733	1614	0.18%	0.020%
74	22.498	3344	3346	3348	rBV3	2340	2550	0.29%	0.031%
75	23.132	3451	3454	3457	rBV5	2160	3308	0.38%	0.040%
76	23.203	3461	3466	3473	rVB7	6796	15040	1.71%	0.183%
77	23.391	3496	3498	3499	rBV2	1981	1694	0.19%	0.021%
78	23.843	3571	3575	3579	rBV6	2967	4865	0.55%	0.059%
79	24.014	3599	3604	3610	rVB4	6628	13227	1.50%	0.161%
80	24.261	3644	3646	3648	rBV3	1253	1125	0.13%	0.014%
81	24.766	3720	3732	3744	rBV	321764	880919	100.00%	10.735%
82	24.989	3757	3770	3782	rBV3	179591	511269	58.04%	6.231%
83	25.935	3929	3931	3934	rBV3	1482	1238	0.14%	0.015%
84	26.105	3954	3960	3968	rVB5	8229	22510	2.56%	0.274%
85	26.241	3980	3983	3985	rBV4	1635	1892	0.21%	0.023%
86	26.405	4007	4011	4014	rVV5	1344	2133	0.24%	0.026%
87	26.435	4014	4016	4019	rVB4	1343	1122	0.13%	0.014%
88	26.570	4035	4039	4040	rVB3	1808	1886	0.21%	0.023%
89	26.899	4093	4095	4097	rBV3	1737	1472	0.17%	0.018%
90	27.469	4185	4192	4194	rBV5	8835	15654	1.78%	0.191%
91	28.227	4320	4321	4327	rBV3	1729	2200	0.25%	0.027%
92	28.415	4351	4353	4356	rVB4	1226	1188	0.13%	0.014%
93	28.526	4370	4372	4373	rBV	1635	1305	0.15%	0.016%
94	29.120	4464	4473	4477	rBV6	5582	17813	2.02%	0.217%
95	29.549	4544	4546	4549	rBV4	1324	1298	0.15%	0.016%
96	29.601	4553	4555	4557	rBV2	1343	1430	0.16%	0.017%
97	30.089	4636	4638	4640	rBV3	1705	1684	0.19%	0.021%
98	30.530	4711	4713	4716	rBV4	1185	1251	0.14%	0.015%
99	31.088	4806	4808	4809	rBV2	2096	1297	0.15%	0.016%
100	31.452	4868	4870	4873	rBV4	1280	1577	0.18%	0.019%

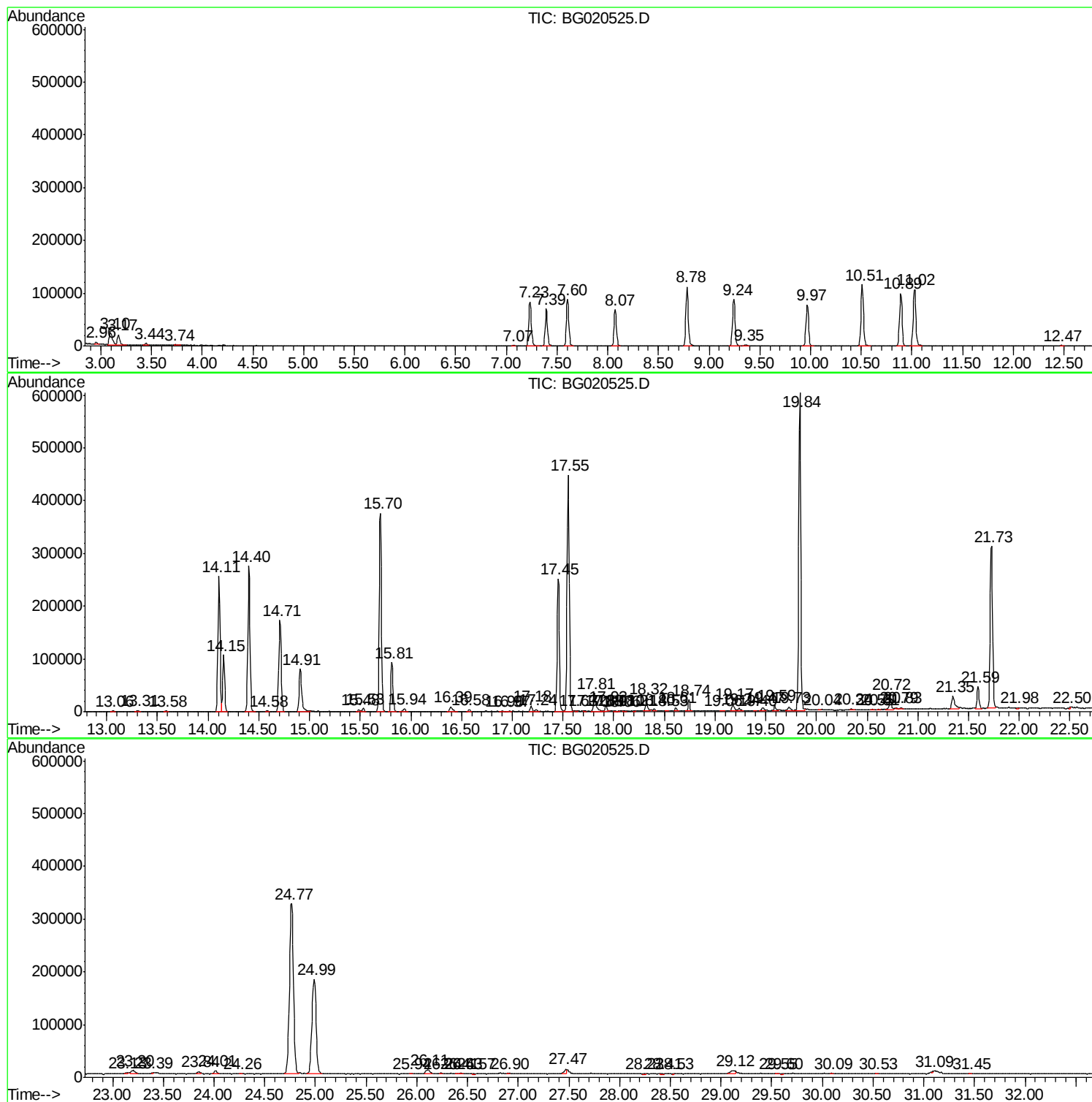
Sum of corrected areas: 8205735

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



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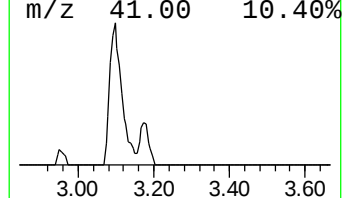
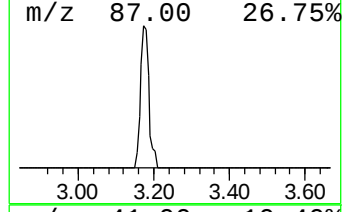
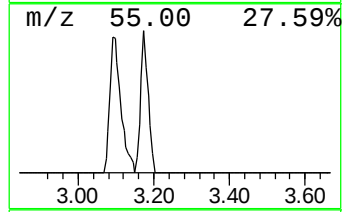
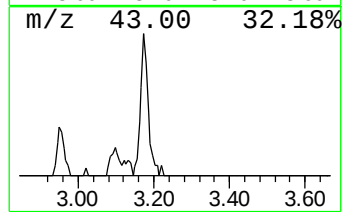
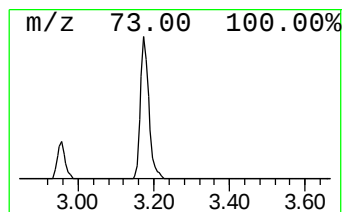
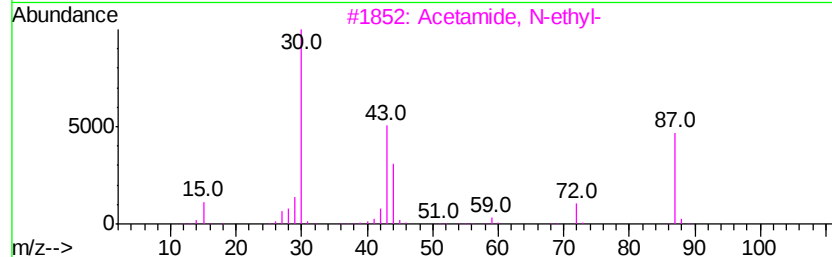
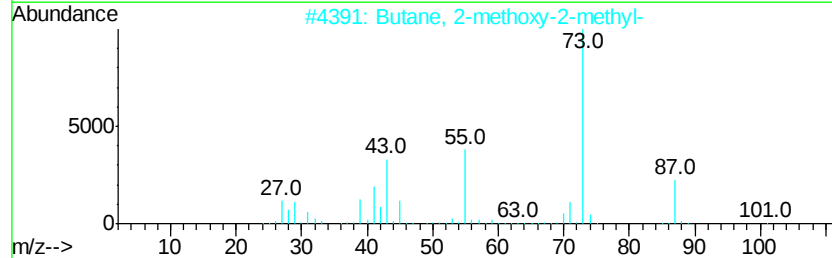
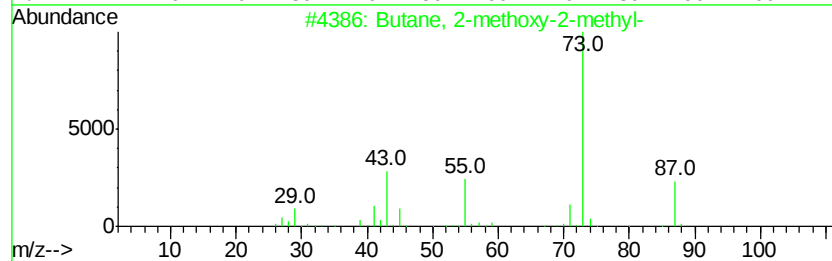
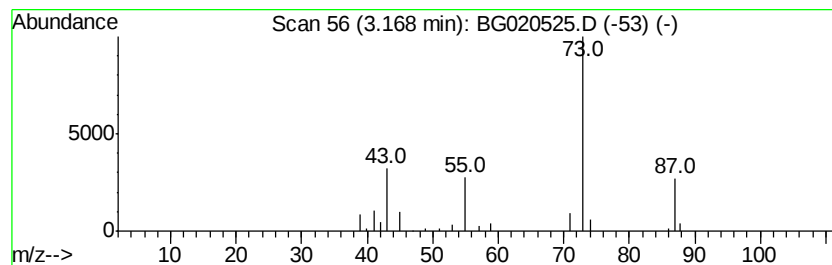
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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	5.69 ng/ul	32656	1,4-Dichlorobenzene-d4	8.07

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		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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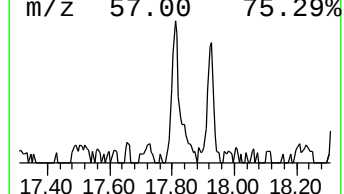
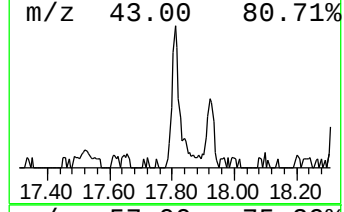
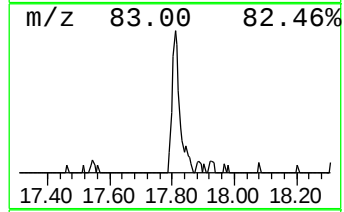
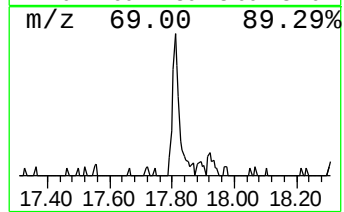
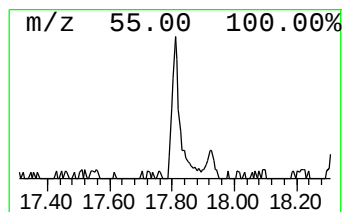
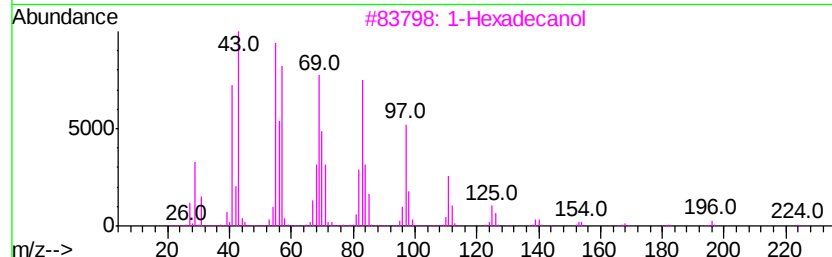
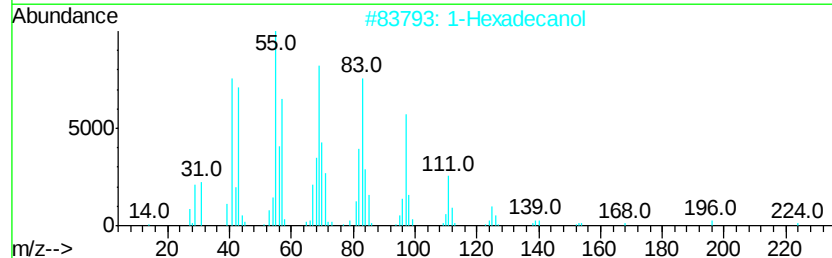
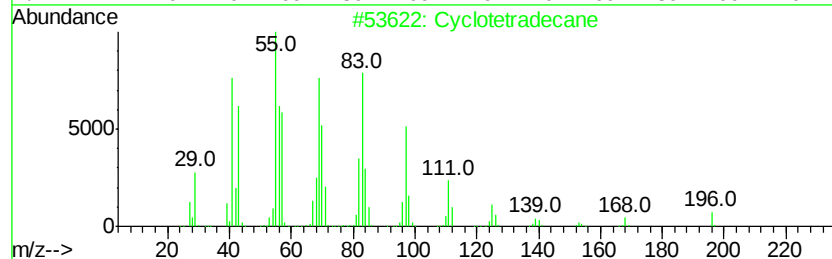
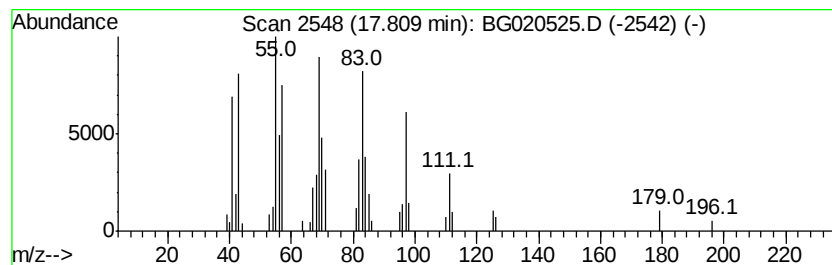
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Peak Number 3 (DEL) Alkane: Cyclic17.81 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	3.07 ng/ul	58539	Phenanthrene-d10	17.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	96
2		1-Hexadecanol	242	C16H34O	036653-82-4	94
3		1-Hexadecanol	242	C16H34O	036653-82-4	94
4		Cyclotetradecane	196	C14H28	000295-17-0	93
5		1-Heptadecanol	256	C17H36O	001454-85-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.17	5.7	ng/ul	32656	1	8.07	114793	20.0
(DEL) Alkane: Cyc...	17.81	3.1	ng/ul	58539	4	17.45	381980	20.0