

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100415\
 Data File : BG019016.D
 Acq On : 4 Oct 2015 22:12
 Operator : UM/NP
 Sample : G3852-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C03H1

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-BG100415.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	3.174	49	57	64	rBV	71352	185384	18.08%	1.747%
2	3.250	64	70	83	rVB	222458	398421	38.86%	3.754%
3	3.503	109	113	114	rBV4	2354	2580	0.25%	0.024%
4	4.361	255	259	264	rVB4	1236	2070	0.20%	0.020%
5	4.690	311	315	317	rBV3	853	1233	0.12%	0.012%
6	5.172	390	397	403	rVB4	1664	3804	0.37%	0.036%
7	6.047	542	546	549	rVB2	1057	1285	0.13%	0.012%
8	6.329	592	594	599	rVB3	1082	1195	0.12%	0.011%
9	7.017	706	711	713	rVB3	750	1275	0.12%	0.012%
10	7.199	736	742	749	rVB	53802	88280	8.61%	0.832%
11	7.375	765	772	781	rVB	118433	196295	19.15%	1.850%
12	7.581	799	807	814	rBV	131572	224753	21.92%	2.118%
13	8.045	879	886	893	rBV	129132	216272	21.10%	2.038%
14	8.139	899	902	906	rVB3	1601	1789	0.17%	0.017%
15	8.674	987	993	998	rBV2	553	1148	0.11%	0.011%
16	8.738	998	1004	1012	rVB2	125073	214126	20.89%	2.018%
17	9.102	1062	1066	1071	rBV2	2119	3232	0.32%	0.030%
18	9.202	1075	1083	1093	rVB	148484	255386	24.91%	2.406%
19	9.443	1117	1124	1128	rBV3	3779	7350	0.72%	0.069%
20	9.520	1132	1137	1141	rVV3	789	1725	0.17%	0.016%
21	9.567	1141	1145	1151	rVV3	11454	18726	1.83%	0.176%
22	9.631	1151	1156	1164	rVB4	6470	11117	1.08%	0.105%
23	9.837	1186	1191	1193	rBV3	812	1058	0.10%	0.010%
24	9.925	1199	1206	1213	rBV	122320	213633	20.84%	2.013%
25	10.148	1236	1244	1249	rBV4	999	1910	0.19%	0.018%
26	10.325	1269	1274	1275	rVB3	1144	1141	0.11%	0.011%
27	10.366	1279	1281	1286	rVB3	1321	1246	0.12%	0.012%
28	10.466	1290	1298	1305	rVB	187069	324089	31.61%	3.054%
29	10.853	1355	1364	1372	rBV	185391	337768	32.95%	3.183%
30	10.977	1380	1385	1391	rBV4	2536	4849	0.47%	0.046%
31	11.400	1454	1457	1459	rBV2	848	1242	0.12%	0.012%
32	11.623	1491	1495	1497	rBV3	1499	1789	0.17%	0.017%
33	11.664	1500	1502	1505	rVV3	1012	1131	0.11%	0.011%
34	11.723	1509	1512	1517	rBV3	865	1623	0.16%	0.015%

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35	11.793	1521	1524	1525	rBV3	1192	1108	0.11%	0.010%
36	12.181	1582	1590	1593	rBV3	7086	13850	1.35%	0.131%
37	12.434	1628	1633	1635	rBV2	2404	3263	0.32%	0.031%
38	12.463	1637	1638	1640	rVV2	1815	1247	0.12%	0.012%
39	12.487	1640	1642	1647	rVB4	1290	1812	0.18%	0.017%
40	12.528	1647	1649	1653	rBV3	1026	1754	0.17%	0.017%
41	12.898	1709	1712	1714	rBV3	1114	1419	0.14%	0.013%
42	12.945	1717	1720	1722	rBV3	993	1194	0.12%	0.011%
43	13.039	1731	1736	1743	rBV5	3130	6093	0.59%	0.057%
44	13.133	1751	1752	1756	rVB2	1326	1336	0.13%	0.013%
45	13.174	1756	1759	1760	rBV3	1139	1124	0.11%	0.011%
46	13.203	1760	1764	1768	rVB3	887	1626	0.16%	0.015%
47	13.280	1773	1777	1783	rVV4	3723	5344	0.52%	0.050%
48	13.444	1800	1805	1806	rBV4	1312	2031	0.20%	0.019%
49	13.509	1814	1816	1818	rVB2	1413	1036	0.10%	0.010%
50	13.574	1824	1827	1828	rBV2	1694	1763	0.17%	0.017%
51	13.662	1839	1842	1845	rBV4	1263	1932	0.19%	0.018%
52	13.703	1847	1849	1853	rVB5	1399	1482	0.14%	0.014%
53	13.750	1853	1857	1858	rBV4	1318	1207	0.12%	0.011%
54	13.873	1876	1878	1883	rVB4	1972	2781	0.27%	0.026%
55	13.932	1883	1888	1891	rBV5	1594	2547	0.25%	0.024%
56	14.026	1902	1904	1906	rBV3	997	1111	0.11%	0.010%
57	14.073	1906	1912	1920	rVB	339896	488138	47.61%	4.599%
58	14.191	1930	1932	1933	rBV2	2156	1701	0.17%	0.016%
59	14.273	1945	1946	1949	rBV3	1366	1492	0.15%	0.014%
60	14.320	1950	1954	1955	rBV4	2105	2239	0.22%	0.021%
61	14.361	1955	1961	1969	rVB	368999	582059	56.78%	5.484%
62	14.431	1969	1973	1974	rBV4	1393	2025	0.20%	0.019%
63	14.467	1974	1979	1982	rBV4	4484	8582	0.84%	0.081%
64	14.543	1988	1992	1995	rVV5	1885	3450	0.34%	0.033%
65	14.584	1995	1999	2004	rVV4	6529	9162	0.89%	0.086%
66	14.672	2006	2014	2023	rVV2	284287	465015	45.36%	4.382%
67	14.843	2037	2043	2050	rBV	60030	99434	9.70%	0.937%
68	14.978	2060	2066	2069	rBV8	2588	5167	0.50%	0.049%
69	15.084	2080	2084	2086	rBV5	2426	2590	0.25%	0.024%
70	15.125	2086	2091	2093	rBV5	4223	7082	0.69%	0.067%
71	15.195	2101	2103	2108	rVB6	3880	5685	0.55%	0.054%

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72	15.325	2123	2125	2127	rVB2	3996	3761	0.37%	0.035%
73	15.348	2127	2129	2132	rBV3	1551	2449	0.24%	0.023%
74	15.413	2136	2140	2144	rVB7	5172	8989	0.88%	0.085%
75	15.448	2144	2146	2147	rBV2	2696	2018	0.20%	0.019%
76	15.471	2147	2150	2151	rBV3	3725	2997	0.29%	0.028%
77	15.659	2174	2182	2191	rBV	497154	758387	73.97%	7.146%
78	15.759	2194	2199	2207	rVV	174602	270756	26.41%	2.551%
79	15.830	2207	2211	2216	rVV8	6689	14744	1.44%	0.139%
80	15.900	2219	2223	2230	rVB7	9340	15896	1.55%	0.150%
81	16.035	2244	2246	2248	rBV3	2623	2969	0.29%	0.028%
82	16.159	2264	2267	2272	rBV8	8731	11670	1.14%	0.110%
83	16.658	2350	2352	2353	rBV2	3607	2117	0.21%	0.020%
84	16.741	2365	2366	2369	rVB3	4806	2417	0.24%	0.023%
85	17.410	2474	2480	2487	rVB	375618	573253	55.92%	5.401%
86	17.510	2490	2497	2506	rVB2	527420	813825	79.38%	7.668%
87	17.892	2559	2562	2567	rBV3	11838	13791	1.35%	0.130%
88	18.303	2628	2632	2638	rBV	46378	67129	6.55%	0.633%
89	19.572	2845	2848	2855	rBV2	39381	54420	5.31%	0.513%
90	19.719	2870	2873	2877	rBV	58752	66282	6.47%	0.625%
91	19.790	2879	2885	2891	rBV	653058	958824	93.53%	9.035%
92	20.759	3047	3050	3054	rVB	41303	42952	4.19%	0.405%
93	21.676	3199	3206	3213	rBV	436442	721278	70.35%	6.796%
94	24.672	3705	3716	3726	rBV	364306	1025201	100.00%	9.660%
95	24.896	3744	3754	3764	rBV	256415	701710	68.45%	6.612%
96	26.276	3988	3989	3991	rBV2	5543	5241	0.51%	0.049%

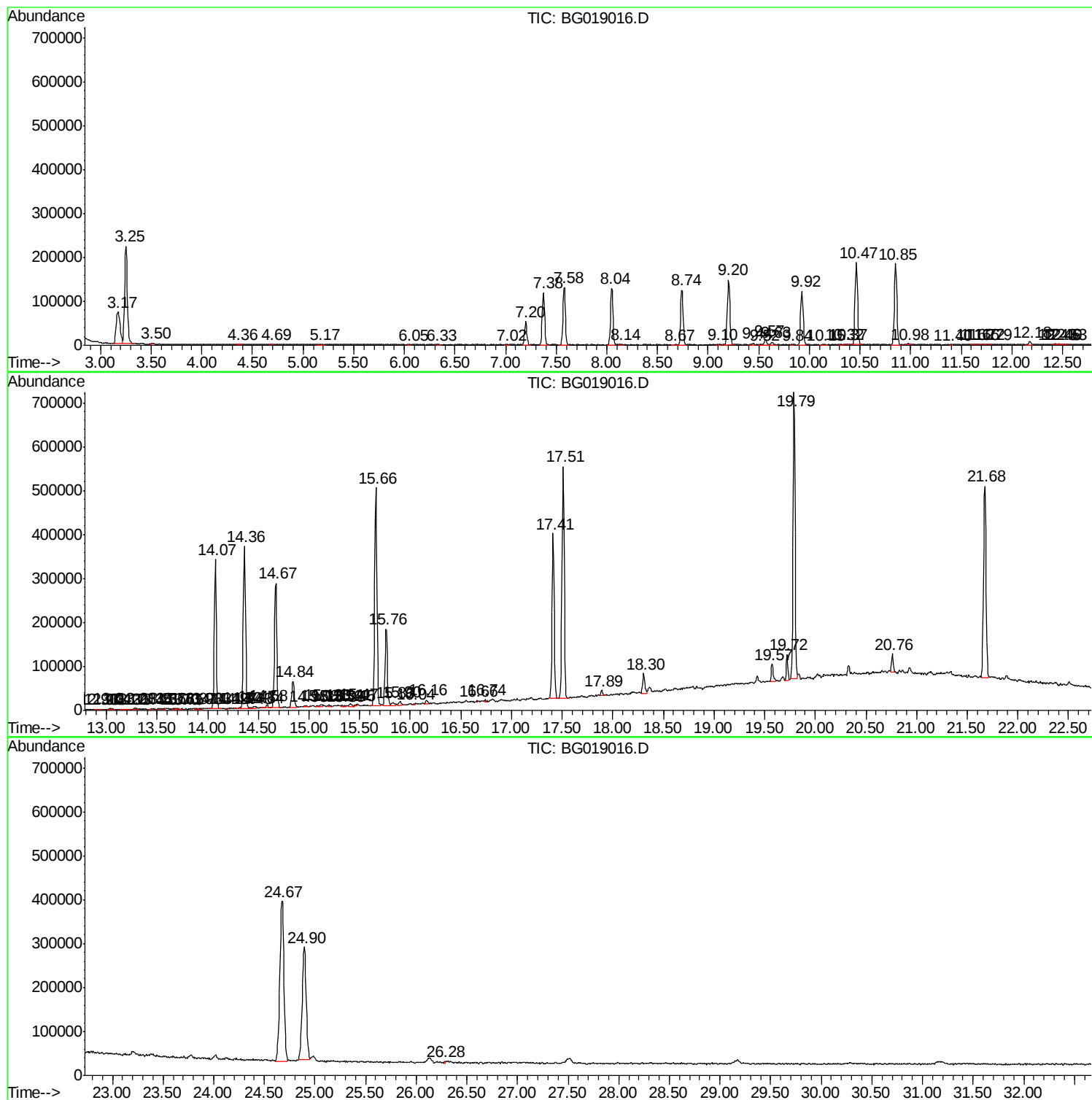
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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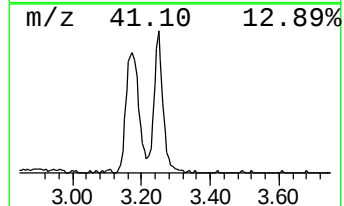
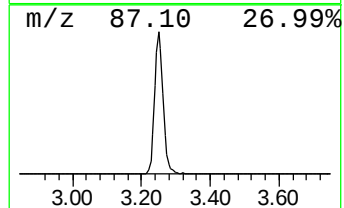
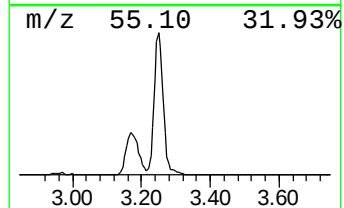
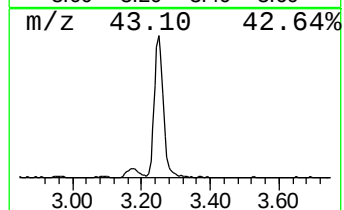
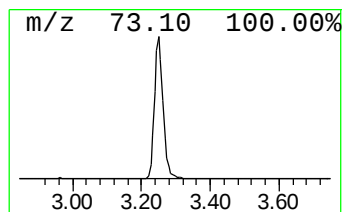
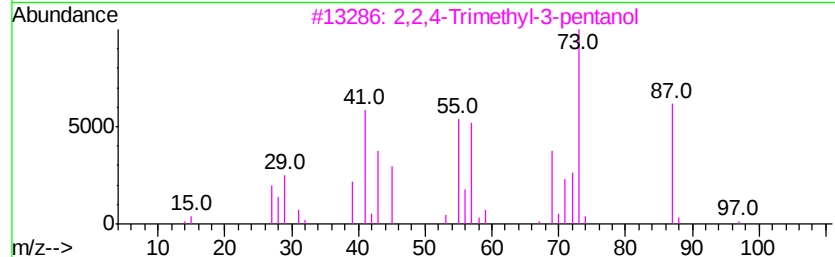
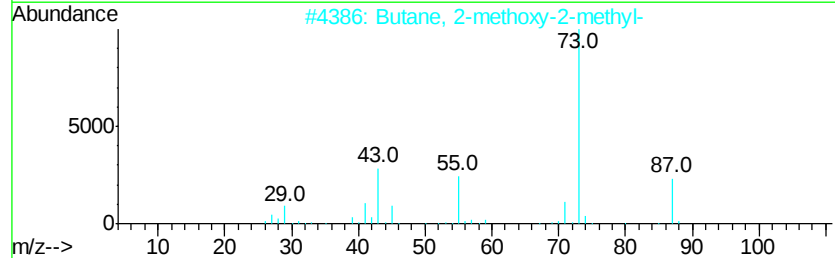
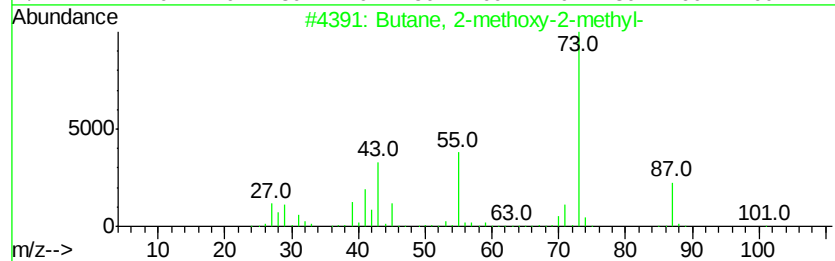
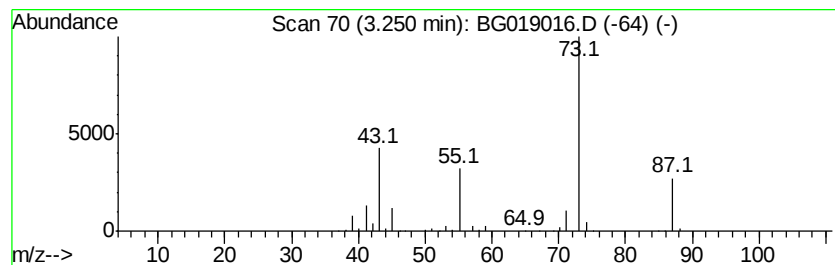
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION

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.
3.25	36.84 ng/ul	398421	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	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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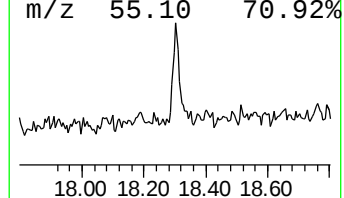
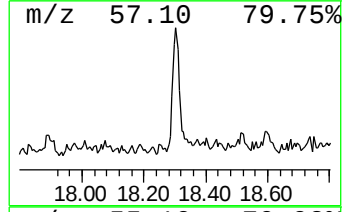
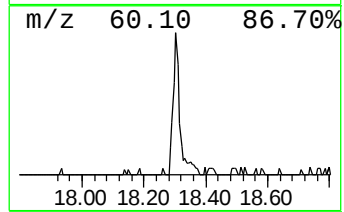
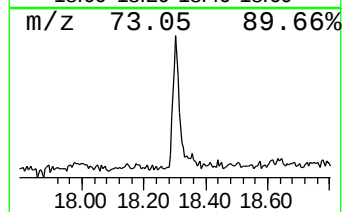
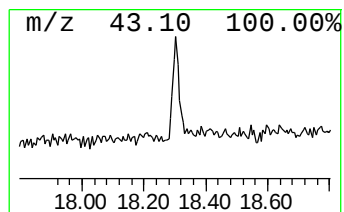
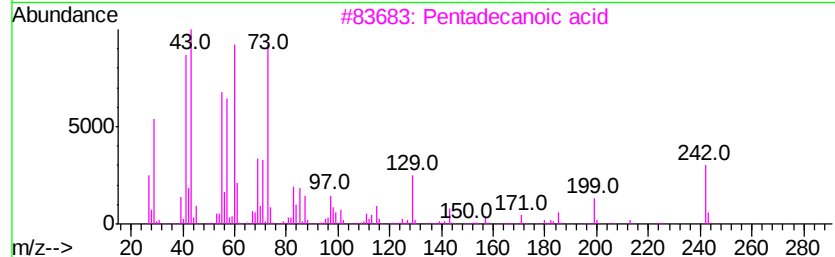
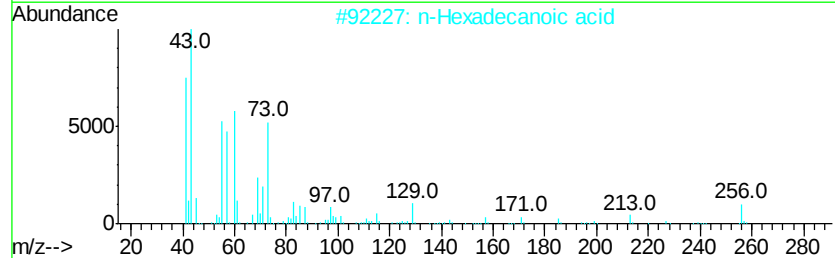
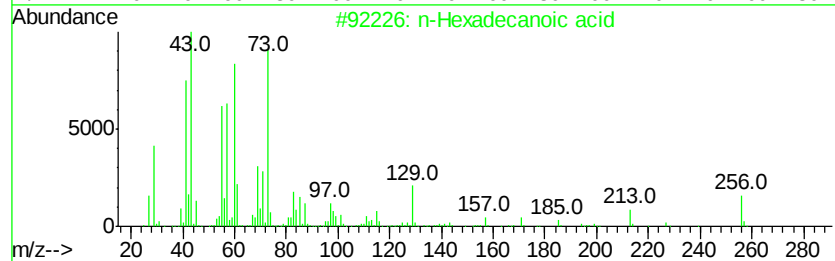
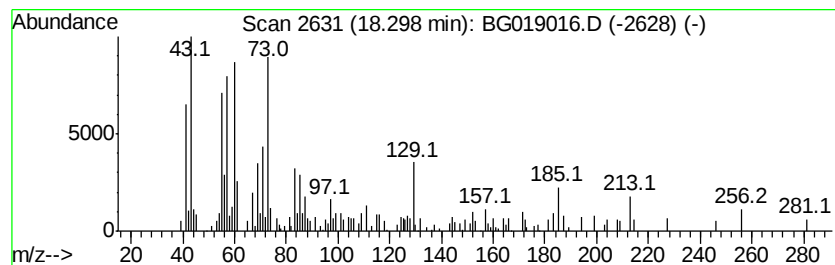
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.34 ng/ul	67129	Phenanthrene-d10	17.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.25	36.8	ng/ul	398421	1	8.04	216272	20.0
n-Hexadecanoic acid	18.30	2.3	ng/ul	67129	4	17.41	573253	20.0