

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041927.D
 Acq On : 4 Aug 2019 4:10
 Operator : HP/JU
 Sample : K3962-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP33

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.158	7	12	27	rVB	1267066	2002818	99.22%	9.249%
2	3.417	53	56	62	rBV4	8809	14097	0.70%	0.065%
3	3.946	144	146	153	rVB5	4275	7039	0.35%	0.033%
4	4.087	166	170	178	rVB3	9638	14613	0.72%	0.067%
5	4.181	184	186	190	rVB5	2885	3679	0.18%	0.017%
6	5.103	337	343	347	rBV4	4302	7664	0.38%	0.035%
7	6.114	513	515	519	rVB3	1948	2210	0.11%	0.010%
8	7.183	690	697	714	rVV	177122	339641	16.83%	1.568%
9	7.354	717	726	735	rBV	129938	231251	11.46%	1.068%
10	7.559	752	761	774	rVB	185900	347497	17.22%	1.605%
11	8.035	834	842	850	rBV	250918	432965	21.45%	1.999%
12	8.740	955	962	977	rBV	228774	424011	21.01%	1.958%
13	8.858	980	982	988	rVB5	4346	7380	0.37%	0.034%
14	9.198	1032	1040	1050	rBV	179238	330428	16.37%	1.526%
15	9.375	1065	1070	1072	rBV5	2234	3012	0.15%	0.014%
16	9.645	1114	1116	1122	rVB3	1767	2512	0.12%	0.012%
17	9.768	1134	1137	1142	rVB5	1872	2999	0.15%	0.014%
18	9.927	1156	1164	1179	rBV	159572	296415	14.68%	1.369%
19	10.344	1231	1235	1240	rBV4	1696	2831	0.14%	0.013%
20	10.473	1250	1257	1275	rBV	249923	478350	23.70%	2.209%
21	10.861	1314	1323	1332	rVV	364418	651387	32.27%	3.008%
22	10.985	1337	1344	1356	rBV	210416	426537	21.13%	1.970%
23	11.361	1405	1408	1415	rVB6	1746	3274	0.16%	0.015%
24	11.578	1442	1445	1449	rVB4	1609	2062	0.10%	0.010%
25	11.701	1462	1466	1473	rBV4	1709	3651	0.18%	0.017%
26	11.901	1495	1500	1503	rBV5	4947	7480	0.37%	0.035%
27	12.171	1539	1546	1549	rBV6	1207	2933	0.15%	0.014%
28	12.448	1586	1593	1599	rBV5	4535	11265	0.56%	0.052%
29	12.918	1669	1673	1679	rBV6	2040	3882	0.19%	0.018%
30	12.982	1679	1684	1687	rVV4	2073	3593	0.18%	0.017%
31	13.241	1723	1728	1734	rVB2	8352	14338	0.71%	0.066%
32	13.305	1734	1739	1740	rBV4	3290	4739	0.23%	0.022%
33	13.493	1769	1771	1773	rVV3	2334	2337	0.12%	0.011%
34	13.529	1775	1777	1784	rVB7	2423	4911	0.24%	0.023%

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35	13.623	1790	1793	1797	rVV5	2389	2905	0.14%	0.013%
36	13.664	1797	1800	1803	rVV4	1932	2656	0.13%	0.012%
37	13.828	1823	1828	1829	rBV4	1900	2322	0.12%	0.011%
38	13.911	1838	1842	1844	rBV4	1980	2408	0.12%	0.011%
39	13.963	1848	1851	1853	rVV3	3081	2750	0.14%	0.013%
40	14.010	1857	1859	1862	rVV4	3975	5517	0.27%	0.025%
41	14.093	1866	1873	1877	rVV	551764	820140	40.63%	3.787%
42	14.140	1877	1881	1886	rVV	230394	352753	17.48%	1.629%
43	14.181	1886	1888	1893	rVB3	14021	19263	0.95%	0.089%
44	14.304	1908	1909	1914	rBV4	2343	2642	0.13%	0.012%
45	14.387	1914	1923	1933	rBV	622646	1010945	50.08%	4.668%
46	14.539	1944	1949	1954	rVB6	11704	21651	1.07%	0.100%
47	14.610	1955	1961	1963	rBV6	5793	8286	0.41%	0.038%
48	14.692	1967	1975	1984	rBV	616413	994069	49.25%	4.590%
49	14.874	2000	2006	2021	rBV2	110545	250956	12.43%	1.159%
50	15.103	2040	2045	2049	rVB3	30330	47224	2.34%	0.218%
51	15.139	2049	2051	2053	rBV3	2849	3419	0.17%	0.016%
52	15.227	2062	2066	2069	rVB5	7083	10852	0.54%	0.050%
53	15.327	2076	2083	2084	rBV7	6528	10895	0.54%	0.050%
54	15.362	2087	2089	2094	rVB4	8628	11184	0.55%	0.052%
55	15.426	2096	2100	2105	rVV8	6391	11673	0.58%	0.054%
56	15.491	2105	2111	2121	rVV8	17688	35739	1.77%	0.165%
57	15.597	2126	2129	2134	rBV7	6518	10376	0.51%	0.048%
58	15.685	2138	2144	2156	rBV	882048	1352668	67.01%	6.246%
59	15.797	2157	2163	2169	rBV	105207	169858	8.41%	0.784%
60	15.926	2178	2185	2186	rBV5	16927	28494	1.41%	0.132%
61	15.955	2187	2190	2195	rVB2	26853	41302	2.05%	0.191%
62	16.108	2214	2216	2217	rBV2	4726	3534	0.18%	0.016%
63	16.337	2253	2255	2256	rBV2	6058	5382	0.27%	0.025%
64	16.437	2266	2272	2276	rBV	55695	84056	4.16%	0.388%
65	17.260	2408	2412	2417	rVB2	44264	57988	2.87%	0.268%
66	17.448	2438	2444	2450	rBV2	731725	1162683	57.60%	5.369%
67	17.542	2454	2460	2468	rVB	911856	1450962	71.88%	6.700%
68	18.241	2576	2579	2584	rVB3	39605	49612	2.46%	0.229%
69	18.752	2664	2666	2672	rVB4	70813	96406	4.78%	0.445%
70	18.834	2676	2680	2682	rVV3	71407	98595	4.88%	0.455%
71	18.858	2682	2684	2688	rVB	94135	108914	5.40%	0.503%

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72	19.498	2789	2793	2799	rVB	171215	249387	12.35%	1.152%
73	19.833	2845	2850	2860	rBV2	1251510	2018530	100.00%	9.321%
74	21.625	3151	3155	3159	rBV	92076	129601	6.42%	0.598%
75	21.731	3165	3173	3178	rBV2	828393	1604628	79.49%	7.410%
76	23.270	3432	3435	3442	rVB2	68660	130329	6.46%	0.602%
77	24.099	3573	3576	3588	rVB2	99805	210482	10.43%	0.972%
78	24.780	3683	3692	3700	rBV	610869	1641348	81.31%	7.579%
79	25.003	3722	3730	3738	rBV2	473343	1226236	60.75%	5.662%

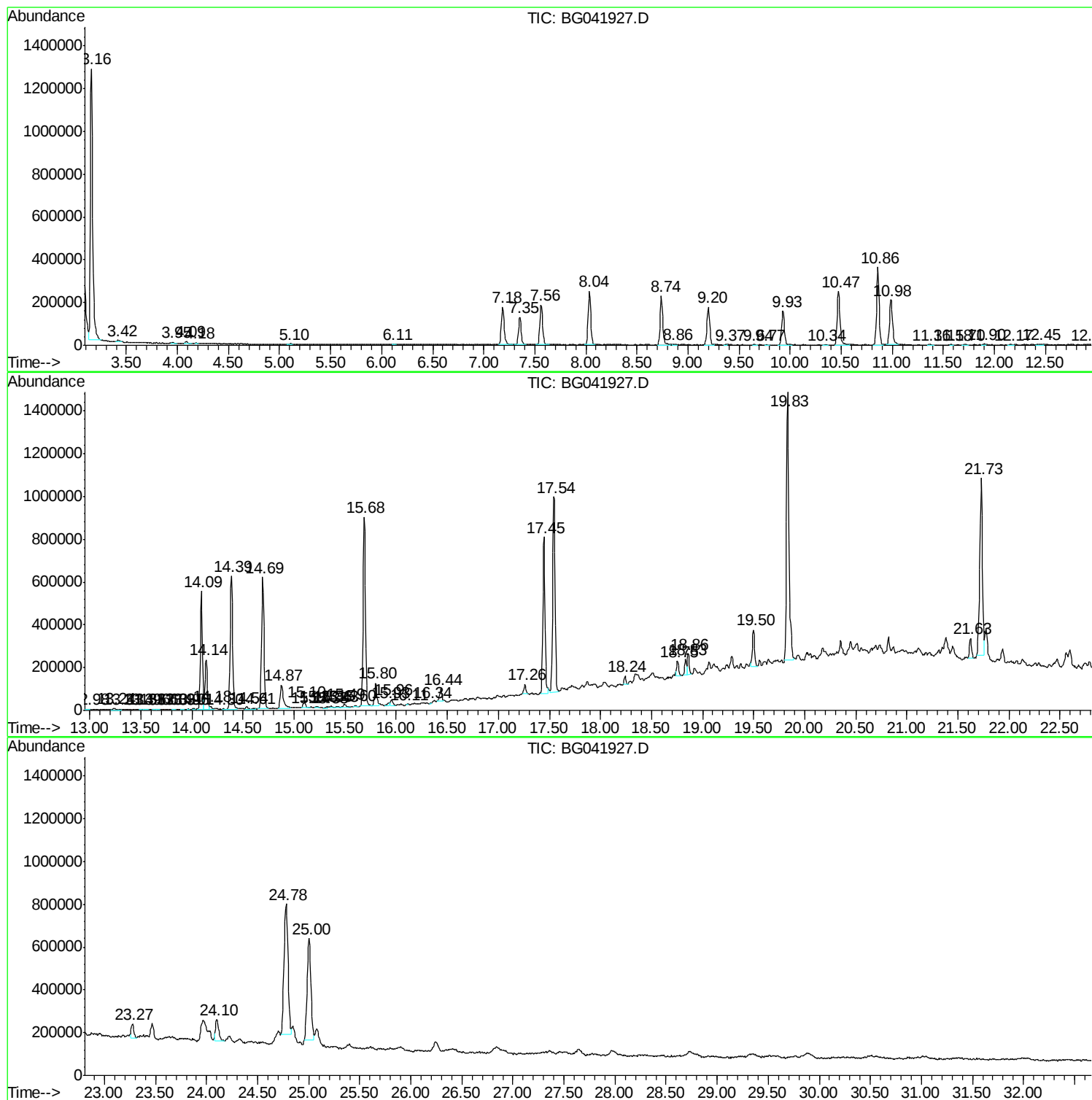
Sum of corrected areas: 21655421

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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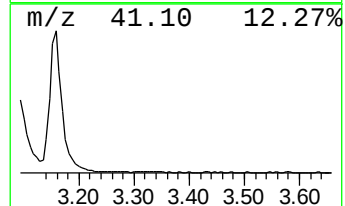
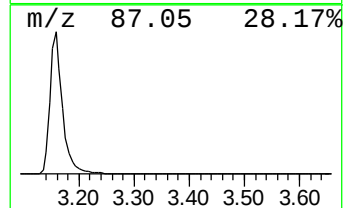
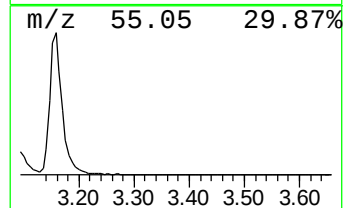
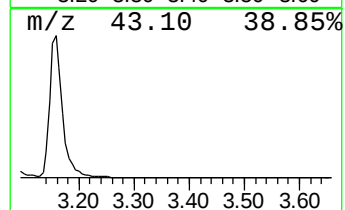
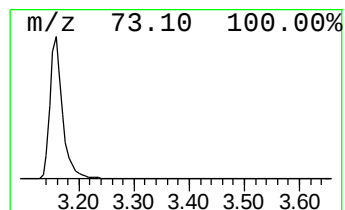
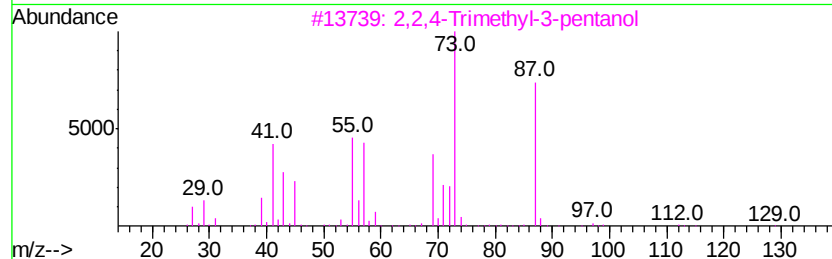
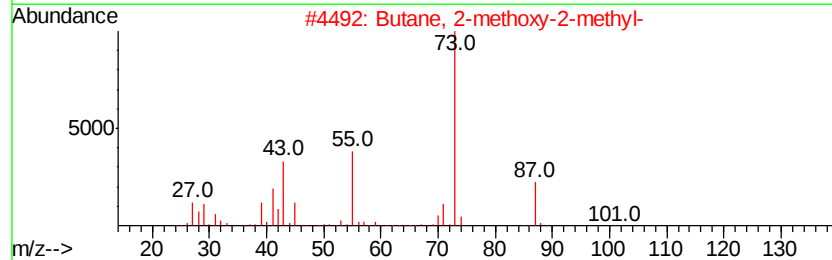
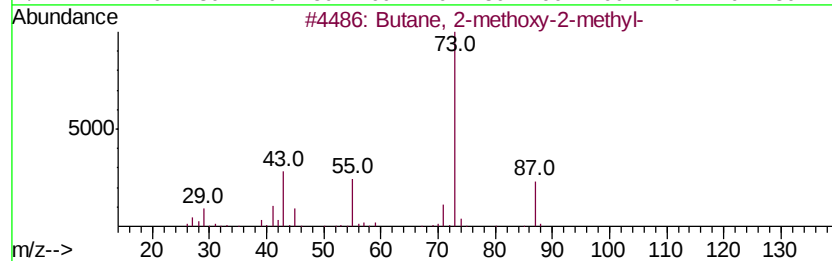
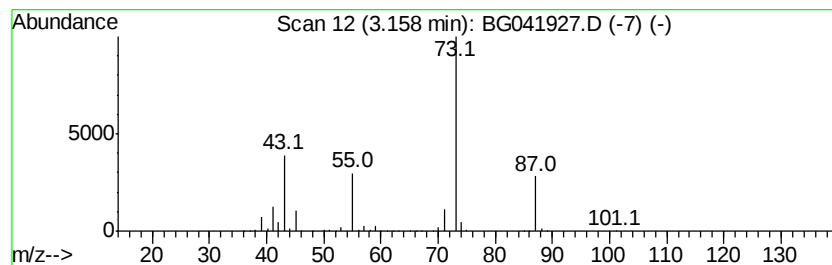
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	92.52 ng/ul	2002820	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	53
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35



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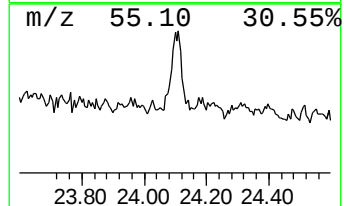
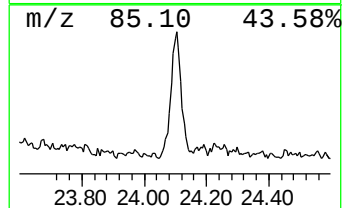
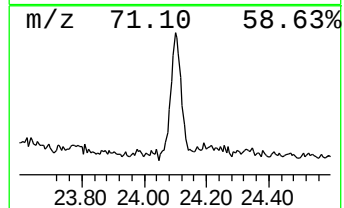
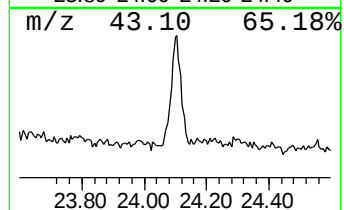
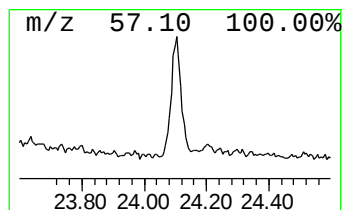
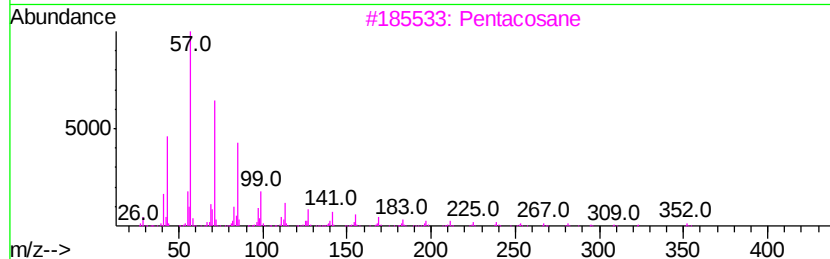
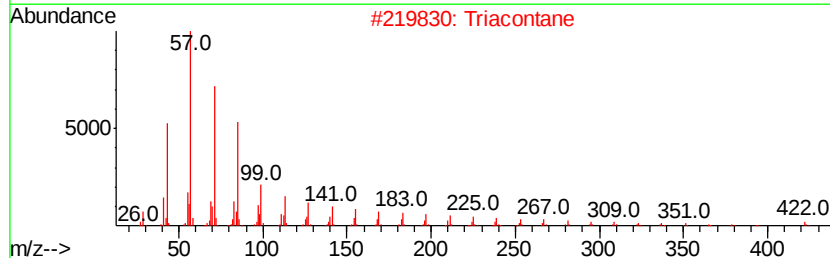
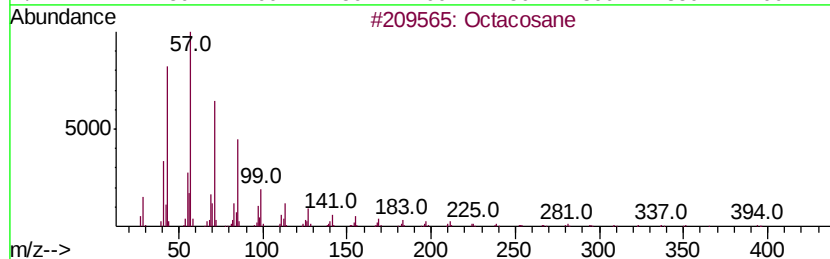
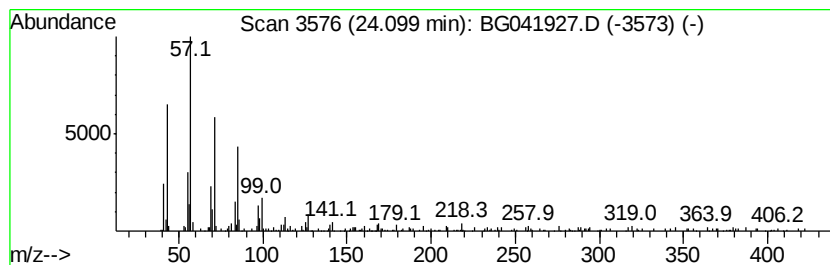
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.43 ng/ul	210482	Perylene-d12	25.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	93
2			triacontane	422	C30H62	000638-68-6	87
3			Pentacosane	352	C25H52	000629-99-2	87
4			Eicosane	282	C20H42	000112-95-8	87
5			Tritetracontane	605	C43H88	007098-21-7	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	92.5	ng/ul	2002820	1	8.04	432965	20.0
(DEL) Alkane: Str...	24.10	3.4	ng/ul	210482	6	25.00	1226240	20.0