

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090915\
 Data File : BG018592.D
 Acq On : 9 Sep 2015 18:38
 Operator : UM/IZ
 Sample : G3571-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0251

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-BG080915.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	2.890	6	9	14	rVB4	16502	21026	0.84%	0.088%
2	3.107	40	46	54	rBV	97912	182798	7.29%	0.765%
3	3.184	54	59	76	rVB	1472570	2019972	80.57%	8.453%
4	3.437	100	102	108	rVB4	3807	6014	0.24%	0.025%
5	3.789	158	162	165	rBV3	5299	7449	0.30%	0.031%
6	4.194	228	231	236	rVB5	5451	8783	0.35%	0.037%
7	4.300	247	249	252	rVB3	3672	3529	0.14%	0.015%
8	6.004	534	539	542	rBV5	2061	4597	0.18%	0.019%
9	6.039	542	545	550	rBV5	4882	9748	0.39%	0.041%
10	6.216	571	575	578	rBV3	2637	3472	0.14%	0.015%
11	7.003	706	709	711	rVB2	4278	4221	0.17%	0.018%
12	7.167	730	737	745	rBV	63066	107484	4.29%	0.450%
13	7.332	758	765	773	rBV	228682	375097	14.96%	1.570%
14	7.538	794	800	807	rBV	220786	370259	14.77%	1.549%
15	7.737	830	834	838	rVB6	2823	3952	0.16%	0.017%
16	8.008	873	880	886	rBV	227495	384990	15.36%	1.611%
17	8.066	886	890	896	rVB3	18497	30870	1.23%	0.129%
18	8.231	914	918	919	rBV2	3353	4171	0.17%	0.017%
19	8.243	919	920	924	rVB2	4112	4652	0.19%	0.019%
20	8.560	968	974	976	rBV6	3160	6070	0.24%	0.025%
21	8.707	988	999	1008	rBV	187537	330894	13.20%	1.385%
22	8.830	1014	1020	1026	rVB3	7127	13851	0.55%	0.058%
23	9.100	1062	1066	1070	rBV4	10570	17369	0.69%	0.073%
24	9.165	1070	1077	1088	rVB	264622	466452	18.60%	1.952%
25	9.330	1101	1105	1110	rVB5	2541	4336	0.17%	0.018%
26	9.712	1167	1170	1173	rBV4	2611	4394	0.18%	0.018%
27	9.888	1192	1200	1211	rBV2	218084	381151	15.20%	1.595%
28	10.105	1233	1237	1239	rBV4	2261	3462	0.14%	0.014%
29	10.428	1282	1292	1301	rBV	344818	605550	24.15%	2.534%
30	10.710	1336	1340	1348	rVB5	6406	10800	0.43%	0.045%
31	10.810	1348	1357	1364	rBV	333457	578140	23.06%	2.419%
32	10.940	1374	1379	1387	rVB	27690	52165	2.08%	0.218%
33	11.345	1441	1448	1450	rBV5	3316	5269	0.21%	0.022%
34	11.457	1461	1467	1473	rBV4	7572	14975	0.60%	0.063%

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35	11.592	1486	1490	1491	rBV3	5141	6452	0.26%	0.027%
36	12.085	1568	1574	1580	rBV3	18095	33550	1.34%	0.140%
37	12.914	1709	1715	1716	rBV3	3261	5322	0.21%	0.022%
38	12.990	1725	1728	1733	rBV6	9596	15013	0.60%	0.063%
39	13.237	1766	1770	1776	rBV2	19165	29550	1.18%	0.124%
40	13.542	1816	1822	1828	rBV3	20416	35441	1.41%	0.148%
41	13.930	1884	1888	1894	rBV4	3135	4852	0.19%	0.020%
42	14.036	1899	1906	1913	rBV	776605	1091914	43.55%	4.570%
43	14.165	1925	1928	1932	rVB5	4684	5741	0.23%	0.024%
44	14.330	1949	1956	1963	rVB	837404	1299199	51.82%	5.437%
45	14.635	1997	2008	2016	rBV2	596048	944991	37.69%	3.955%
46	14.706	2016	2020	2025	rVB2	25978	35400	1.41%	0.148%
47	14.823	2033	2040	2046	rBV3	62500	111666	4.45%	0.467%
48	15.299	2113	2121	2126	rBV2	22567	35521	1.42%	0.149%
49	15.434	2138	2144	2150	rVB4	11862	22727	0.91%	0.095%
50	15.622	2169	2176	2184	rBV	1177693	1735098	69.21%	7.261%
51	15.734	2188	2195	2203	rBV2	312087	459136	18.31%	1.921%
52	15.863	2213	2217	2224	rVB4	13623	20769	0.83%	0.087%
53	15.981	2233	2237	2243	rVB3	7660	14290	0.57%	0.060%
54	16.509	2324	2327	2332	rVB3	8003	9999	0.40%	0.042%
55	16.968	2402	2405	2410	rVB4	7220	7352	0.29%	0.031%
56	17.167	2435	2439	2446	rVB7	5942	11751	0.47%	0.049%
57	17.320	2462	2465	2468	rBV3	4879	4897	0.20%	0.020%
58	17.373	2468	2474	2482	rVV2	842796	1297691	51.76%	5.431%
59	17.473	2484	2491	2500	rBV2	1380677	2104490	83.94%	8.807%
60	17.655	2517	2522	2527	rVB2	8813	11745	0.47%	0.049%
61	17.743	2535	2537	2538	rBV2	4939	3724	0.15%	0.016%
62	18.043	2582	2588	2593	rBV	219420	288497	11.51%	1.207%
63	18.213	2614	2617	2620	rVB3	4395	4185	0.17%	0.018%
64	18.331	2633	2637	2641	rBV	19290	27178	1.08%	0.114%
65	18.519	2664	2669	2672	rBV7	10033	14578	0.58%	0.061%
66	19.330	2802	2807	2808	rBV3	3823	4752	0.19%	0.020%
67	19.641	2856	2860	2866	rBV3	14699	23671	0.94%	0.099%
68	19.759	2872	2880	2887	rBV	1785075	2507170	100.00%	10.492%
69	19.923	2906	2908	2913	rVB4	2585	3630	0.14%	0.015%
70	19.976	2913	2917	2919	rBV5	2950	4620	0.18%	0.019%
71	20.663	3031	3034	3040	rBV6	18276	26243	1.05%	0.110%

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72	21.521	3178	3180	3184	rBV4	7331	11360	0.45%	0.048%
73	21.639	3193	3200	3212	rBV	949364	1575679	62.85%	6.594%
74	23.108	3446	3450	3451	rBV4	14269	19269	0.77%	0.081%
75	23.719	3549	3554	3561	rBV8	13468	29315	1.17%	0.123%
76	24.618	3695	3707	3722	rBV	905851	2417904	96.44%	10.119%
77	24.829	3733	3743	3757	rVB	533223	1519941	60.62%	6.361%
78	25.951	3932	3934	3935	rBV2	5498	4214	0.17%	0.018%
79	26.216	3977	3979	3981	rBV2	7564	7154	0.29%	0.030%

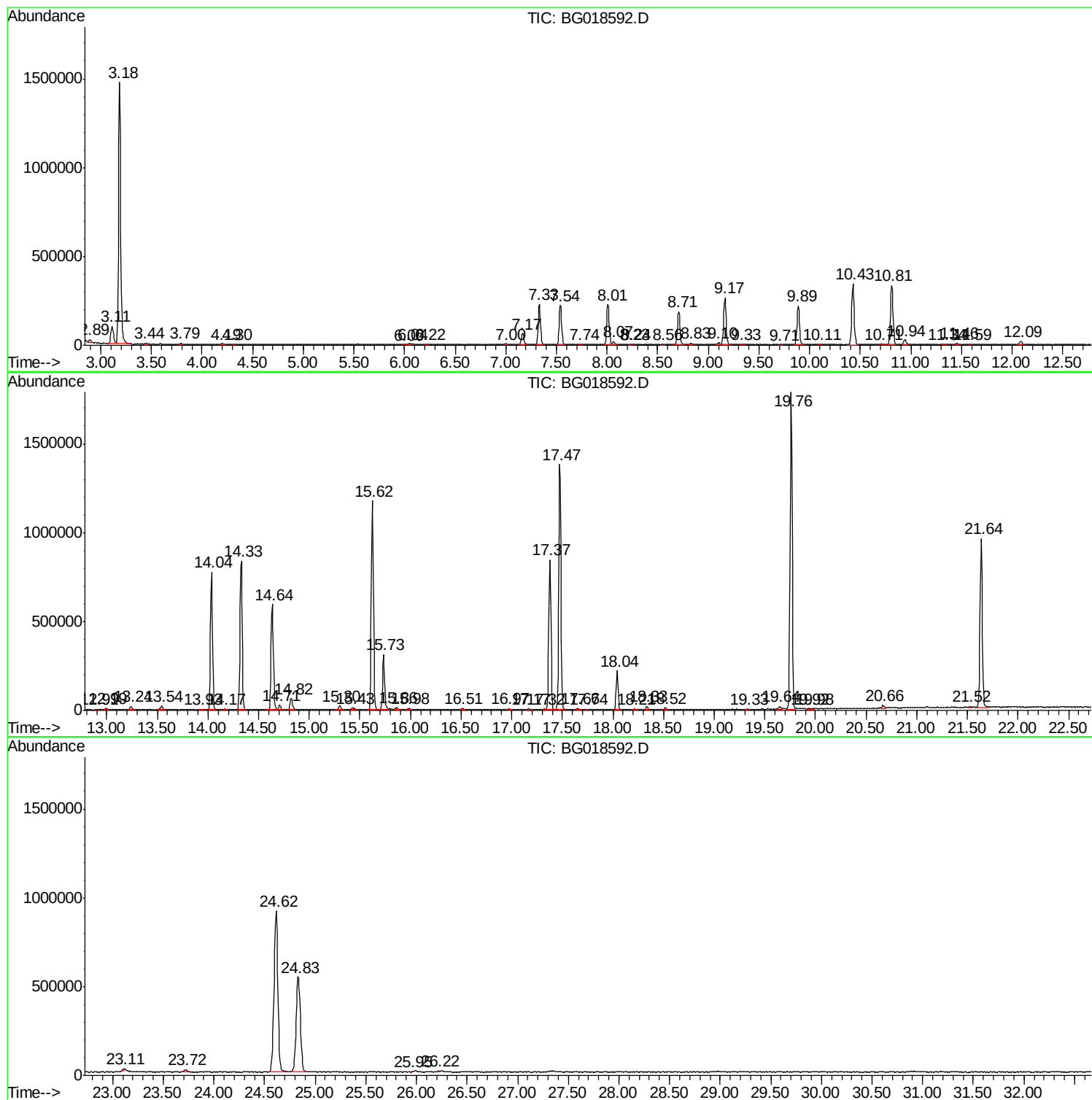
Sum of corrected areas: 23895603

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



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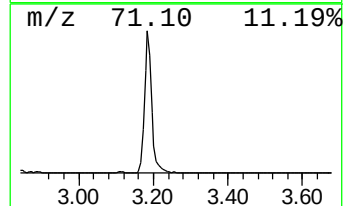
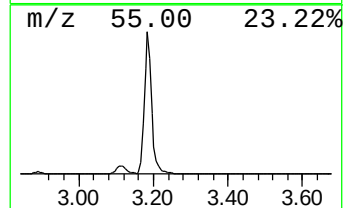
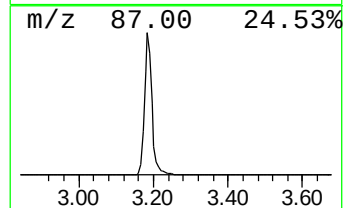
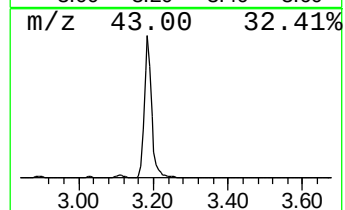
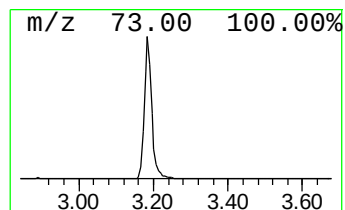
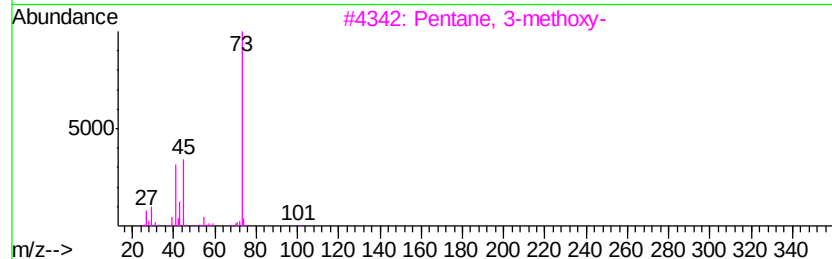
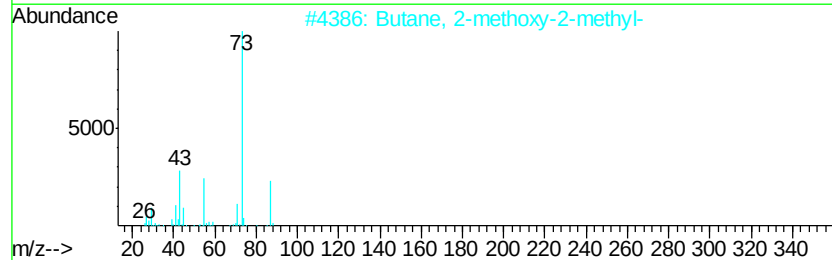
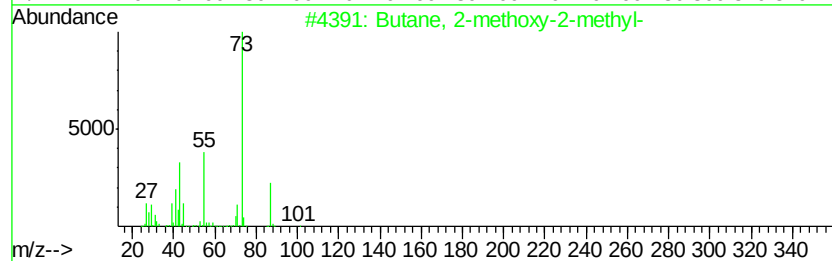
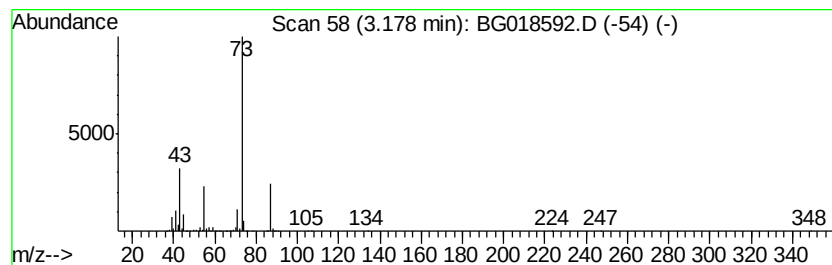
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	104.94 ng/ul	2019970	1,4-Dichlorobenzene-d4	8.01

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	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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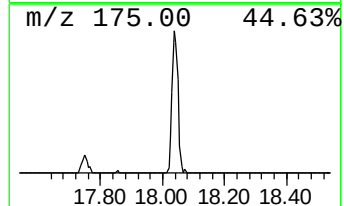
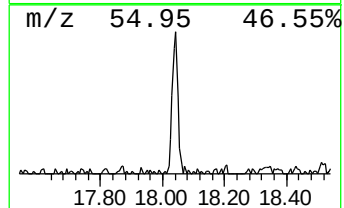
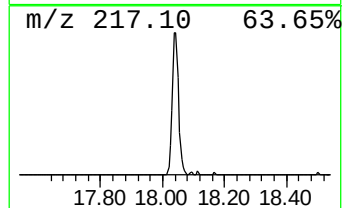
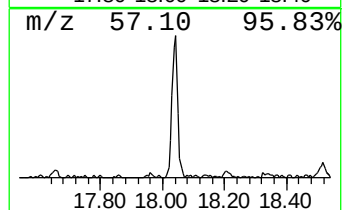
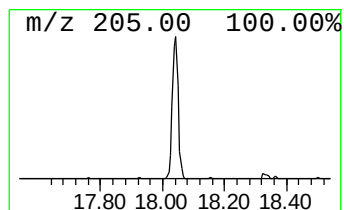
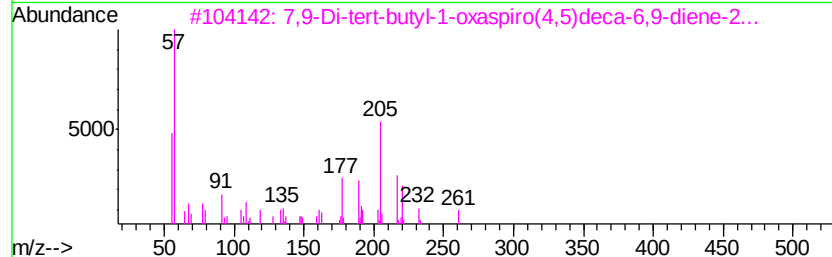
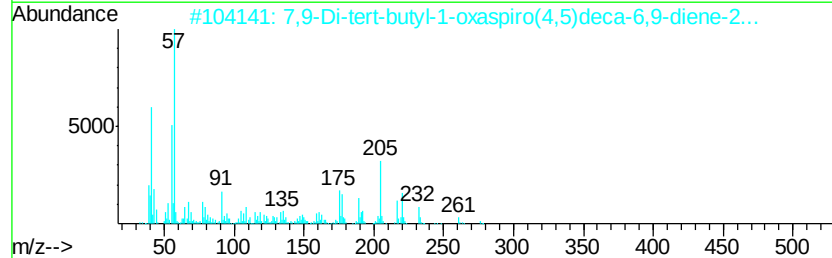
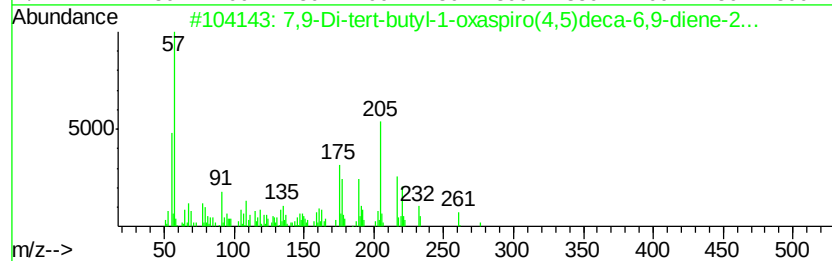
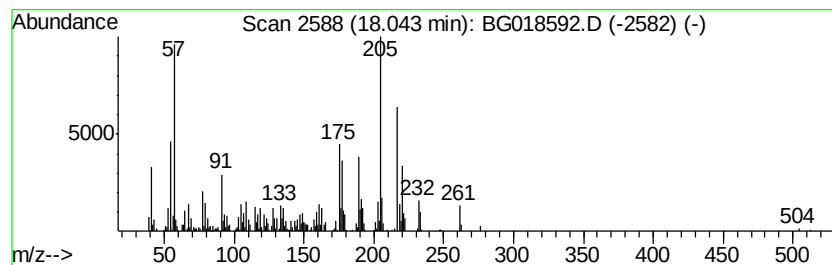
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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.45 ng/ul	288497	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2		7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	86
3		7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	45
4		2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	41
5		2-Methyl-4,5-dimethoxycrotonophe...	220	C13H16O3	207233-94-1	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	104.9	ng/ul	2019970	1	8.01	384990	20.0
7,9-Di-tert-butyl...	18.04	4.5	ng/ul	288497	4	17.37	1297690	20.0