

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
 Data File : BG025152.D
 Acq On : 13 Dec 2016 18:53
 Operator : UM/SJ
 Sample : H5993-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-161209

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	3.217	61	64	71	rVB6	24803	34986	1.19%	0.144%
2	3.381	88	92	93	rBV3	5962	7480	0.25%	0.031%
3	3.581	125	126	131	rVB5	8827	9363	0.32%	0.039%
4	3.681	139	143	146	rBV4	6806	9978	0.34%	0.041%
5	3.746	151	154	159	rVB4	6542	7969	0.27%	0.033%
6	3.793	159	162	165	rBV5	4566	6852	0.23%	0.028%
7	4.363	253	259	264	rBV8	9843	14727	0.50%	0.061%
8	4.398	264	265	271	rBV5	5153	7957	0.27%	0.033%
9	4.615	298	302	303	rVB4	7879	8198	0.28%	0.034%
10	4.756	323	326	330	rVB5	6245	6524	0.22%	0.027%
11	5.044	368	375	378	rBV8	4715	10659	0.36%	0.044%
12	5.297	412	418	429	rVB	26716	55000	1.87%	0.227%
13	5.526	454	457	465	rVB6	4412	9016	0.31%	0.037%
14	5.925	521	525	527	rBV4	5387	8540	0.29%	0.035%
15	6.484	615	620	621	rBV4	6480	10031	0.34%	0.041%
16	7.030	709	713	715	rBV3	4372	7290	0.25%	0.030%
17	7.253	747	751	753	rBV4	6509	6600	0.22%	0.027%
18	7.388	766	774	787	rVB2	64170	145764	4.95%	0.600%
19	7.553	793	802	814	rBV	167010	305591	10.37%	1.259%
20	7.653	815	819	826	rVB8	4938	8642	0.29%	0.036%
21	7.764	830	838	847	rBV2	197779	374464	12.71%	1.542%
22	7.929	864	866	869	rBV3	4793	6395	0.22%	0.026%
23	8.164	902	906	912	rBV6	4531	12084	0.41%	0.050%
24	8.234	912	918	926	rVV	220275	396925	13.48%	1.635%
25	8.334	931	935	940	rVB5	3954	7947	0.27%	0.033%
26	8.387	940	944	948	rBV3	3611	7204	0.24%	0.030%
27	8.428	948	951	960	rVB7	4769	8830	0.30%	0.036%
28	8.634	984	986	991	rVB4	3917	6636	0.23%	0.027%
29	8.687	991	995	996	rBV4	5899	7291	0.25%	0.030%
30	8.875	1023	1027	1030	rVB4	3595	6427	0.22%	0.026%
31	8.940	1030	1038	1049	rBV2	169578	338060	11.48%	1.392%
32	9.063	1055	1059	1069	rVB2	8039	15735	0.53%	0.065%
33	9.415	1112	1119	1135	rVB	255220	476272	16.17%	1.962%
34	9.915	1199	1204	1208	rVB7	5888	11634	0.39%	0.048%

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35	10.038	1222	1225	1230	rBV5	5912	9508	0.32%	0.039%
36	10.138	1235	1242	1254	rVV2	221715	438370	14.88%	1.805%
37	10.220	1254	1256	1261	rVB6	6241	7001	0.24%	0.029%
38	10.685	1326	1335	1346	rBV	281642	584582	19.85%	2.408%
39	10.943	1377	1379	1382	rVB2	7266	7126	0.24%	0.029%
40	11.066	1391	1400	1413	rBV	302555	593218	20.14%	2.443%
41	11.219	1420	1426	1436	rVB8	12299	34136	1.16%	0.141%
42	11.325	1438	1444	1446	rBV5	4574	7183	0.24%	0.030%
43	11.372	1447	1452	1455	rVB6	6684	8524	0.29%	0.035%
44	11.401	1455	1457	1462	rBV5	4832	6275	0.21%	0.026%
45	11.454	1462	1466	1469	rVB5	3953	6764	0.23%	0.028%
46	11.548	1478	1482	1484	rBV2	5724	6976	0.24%	0.029%
47	11.725	1510	1512	1519	rVB4	2874	6080	0.21%	0.025%
48	11.965	1549	1553	1555	rBV5	6043	7735	0.26%	0.032%
49	12.159	1584	1586	1589	rVB3	6185	6386	0.22%	0.026%
50	12.336	1613	1616	1627	rVB7	5323	13590	0.46%	0.056%
51	12.847	1701	1703	1709	rVB3	6294	8437	0.29%	0.035%
52	13.011	1729	1731	1736	rVB5	4685	7487	0.25%	0.031%
53	13.064	1736	1740	1744	rBV5	5052	8292	0.28%	0.034%
54	13.199	1762	1763	1768	rVB5	5921	8523	0.29%	0.035%
55	13.270	1772	1775	1777	rBV4	4857	6175	0.21%	0.025%
56	13.399	1791	1797	1800	rBV5	5062	11035	0.37%	0.045%
57	13.705	1844	1849	1855	rBV7	7358	16558	0.56%	0.068%
58	13.752	1855	1857	1861	rBV5	6766	8666	0.29%	0.036%
59	13.998	1897	1899	1904	rVB3	6158	7955	0.27%	0.033%
60	14.251	1931	1942	1958	rVB	790825	1266534	43.00%	5.216%
61	14.462	1970	1978	1980	rVB5	5876	14305	0.49%	0.059%
62	14.557	1987	1994	2003	rBV	739170	1194960	40.57%	4.921%
63	14.856	2039	2045	2053	rBV	633187	989479	33.59%	4.075%
64	14.909	2053	2054	2065	rVB7	13319	24180	0.82%	0.100%
65	15.074	2074	2082	2094	rBV3	77705	181115	6.15%	0.746%
66	15.197	2100	2103	2106	rBV4	4146	7427	0.25%	0.031%
67	15.344	2126	2128	2132	rVB3	7326	6811	0.23%	0.028%
68	15.455	2145	2147	2149	rBV2	5974	7531	0.26%	0.031%
69	15.485	2149	2152	2154	rVV4	9914	10919	0.37%	0.045%
70	15.520	2154	2158	2161	rVB3	11080	18162	0.62%	0.075%
71	15.643	2175	2179	2184	rBV5	7533	9848	0.33%	0.041%

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72	15.726	2189	2193	2199	rBV7	3441	7727	0.26%	0.032%
73	15.843	2205	2213	2226	rBV	1061337	1730952	58.77%	7.129%
74	15.967	2227	2234	2245	rBV	511147	813261	27.61%	3.349%
75	16.084	2250	2254	2261	rVB6	21983	44685	1.52%	0.184%
76	16.795	2367	2375	2377	rBV8	9894	15734	0.53%	0.065%
77	16.854	2382	2385	2387	rBV4	5715	7128	0.24%	0.029%
78	16.895	2387	2392	2397	rBV8	11293	22579	0.77%	0.093%
79	17.042	2413	2417	2418	rBV3	6420	7264	0.25%	0.030%
80	17.159	2434	2437	2441	rBV4	13298	18794	0.64%	0.077%
81	17.330	2462	2466	2469	rBV5	6914	9352	0.32%	0.039%
82	17.383	2472	2475	2479	rVB6	7821	12302	0.42%	0.051%
83	17.471	2487	2490	2494	rBV5	7521	11859	0.40%	0.049%
84	17.518	2496	2498	2502	rVB4	8477	11274	0.38%	0.046%
85	17.600	2506	2512	2523	rBV	938872	1478916	50.21%	6.091%
86	17.700	2523	2529	2541	rVB2	1459990	2260701	76.75%	9.311%
87	17.964	2571	2574	2578	rBV6	6918	13747	0.47%	0.057%
88	18.017	2581	2583	2589	rVB7	11223	19964	0.68%	0.082%
89	18.094	2592	2596	2602	rVB6	14516	21230	0.72%	0.087%
90	18.235	2613	2620	2627	rBV2	266774	374050	12.70%	1.541%
91	18.334	2635	2637	2642	rBV5	10444	14665	0.50%	0.060%
92	18.522	2666	2669	2674	rVB4	11268	16332	0.55%	0.067%
93	18.622	2682	2686	2687	rBV3	7142	8149	0.28%	0.034%
94	18.716	2699	2702	2708	rVB8	17073	28165	0.96%	0.116%
95	19.104	2763	2768	2770	rBV6	12151	19618	0.67%	0.081%
96	19.974	2909	2916	2927	rBV	1963280	2945498	100.00%	12.131%
97	20.696	3036	3039	3044	rBV3	71197	100927	3.43%	0.416%
98	21.895	3236	3243	3253	rBV	1039235	1825646	61.98%	7.519%
99	25.074	3774	3784	3796	rBV2	901385	2766775	93.93%	11.395%
100	25.309	3815	3824	3835	rVB2	571104	1758510	59.70%	7.242%

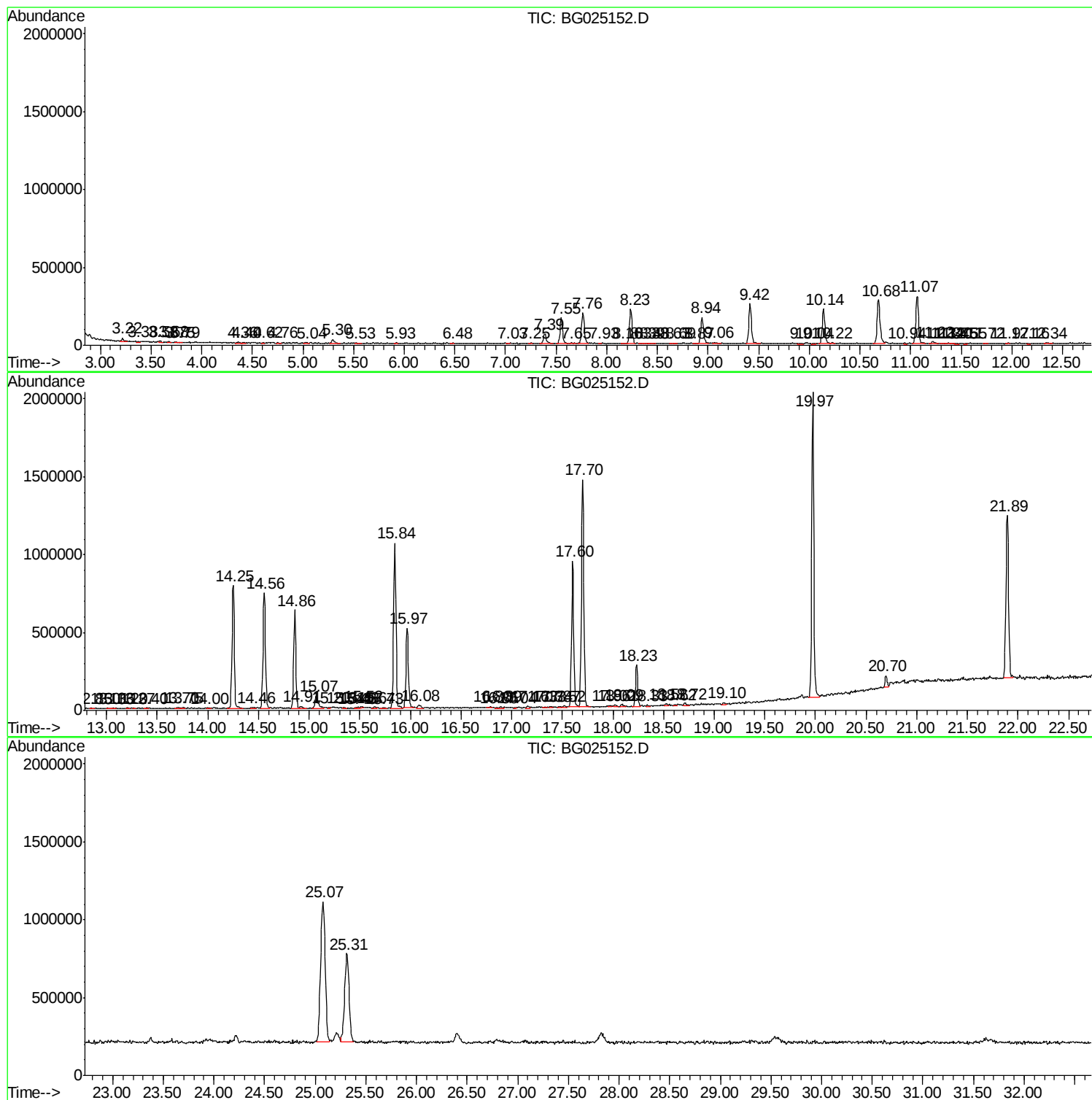
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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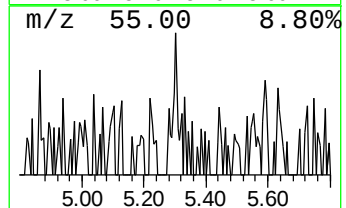
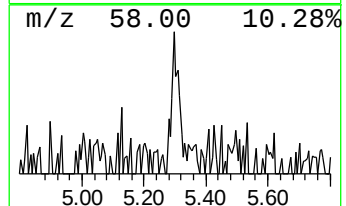
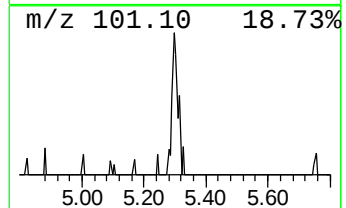
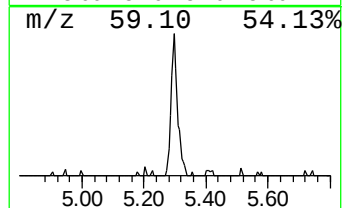
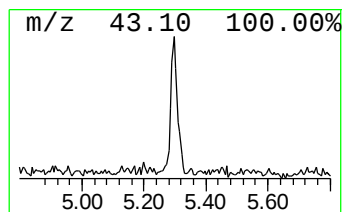
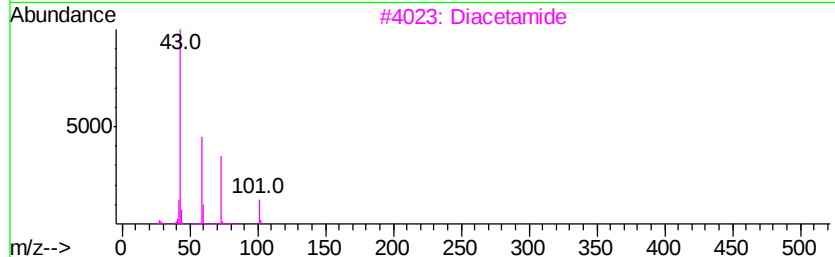
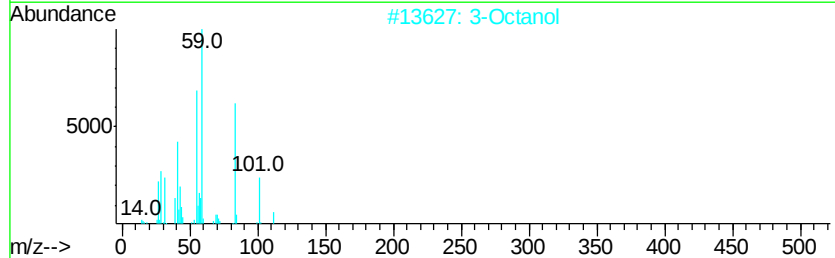
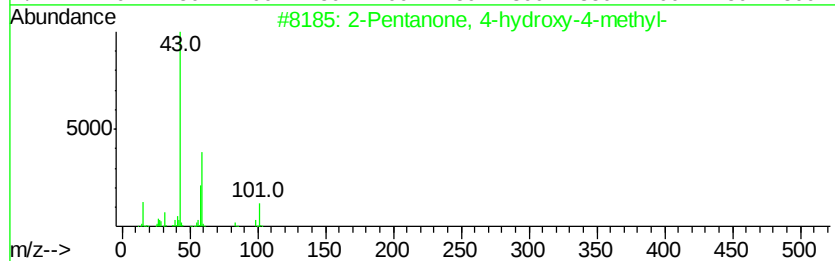
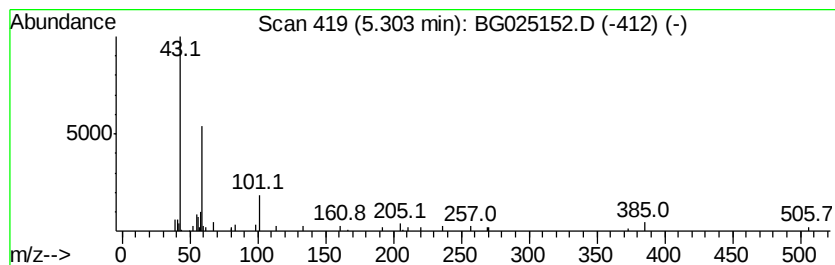
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	2.77 ng/ul	55000	1,4-Dichlorobenzene-d4	8.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Octanol	130	C8H18O	000589-98-0	33
3			Diacetamide	101	C4H7NO2	000625-77-4	33
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25



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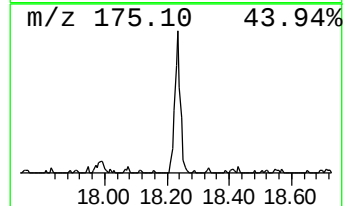
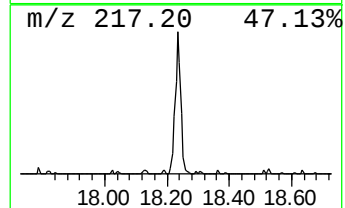
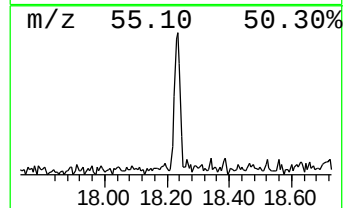
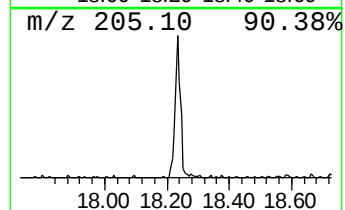
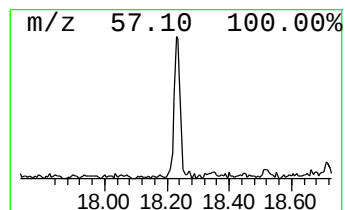
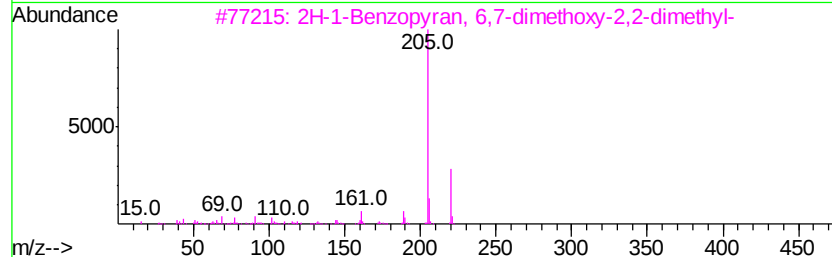
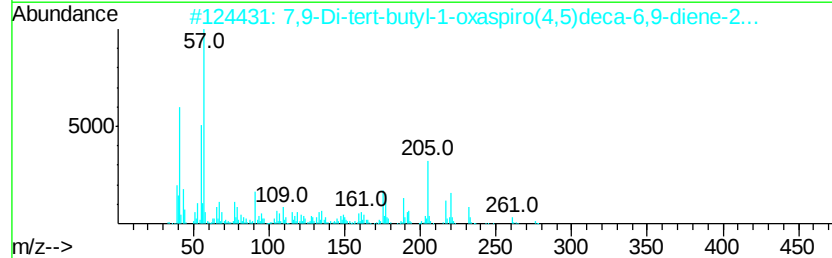
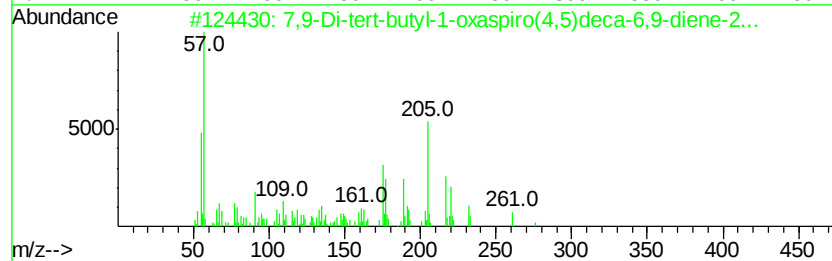
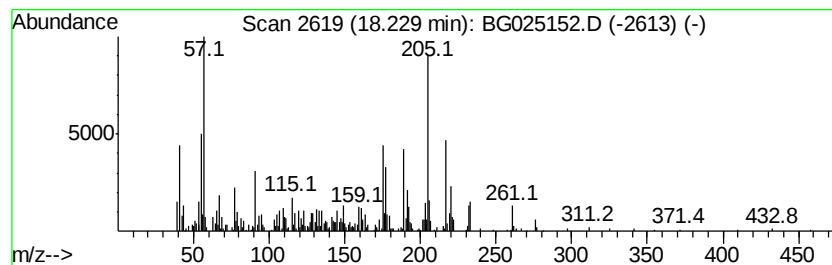
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Peak Number 2 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.06 ng/ul	374050	Phenanthrene-d10	17.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	55
3			2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	49
4			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	46
5			Thiophene, 2-(4-nitrophenyl)-	205	C10H7NO2S	059156-21-7	41



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.30	2.8	ng/ul	55000	1	8.23	396925	20.0
7,9-Di-tert-butyl...	18.23	5.1	ng/ul	374050	4	17.60	1478920	20.0