

(QT Reviewed)

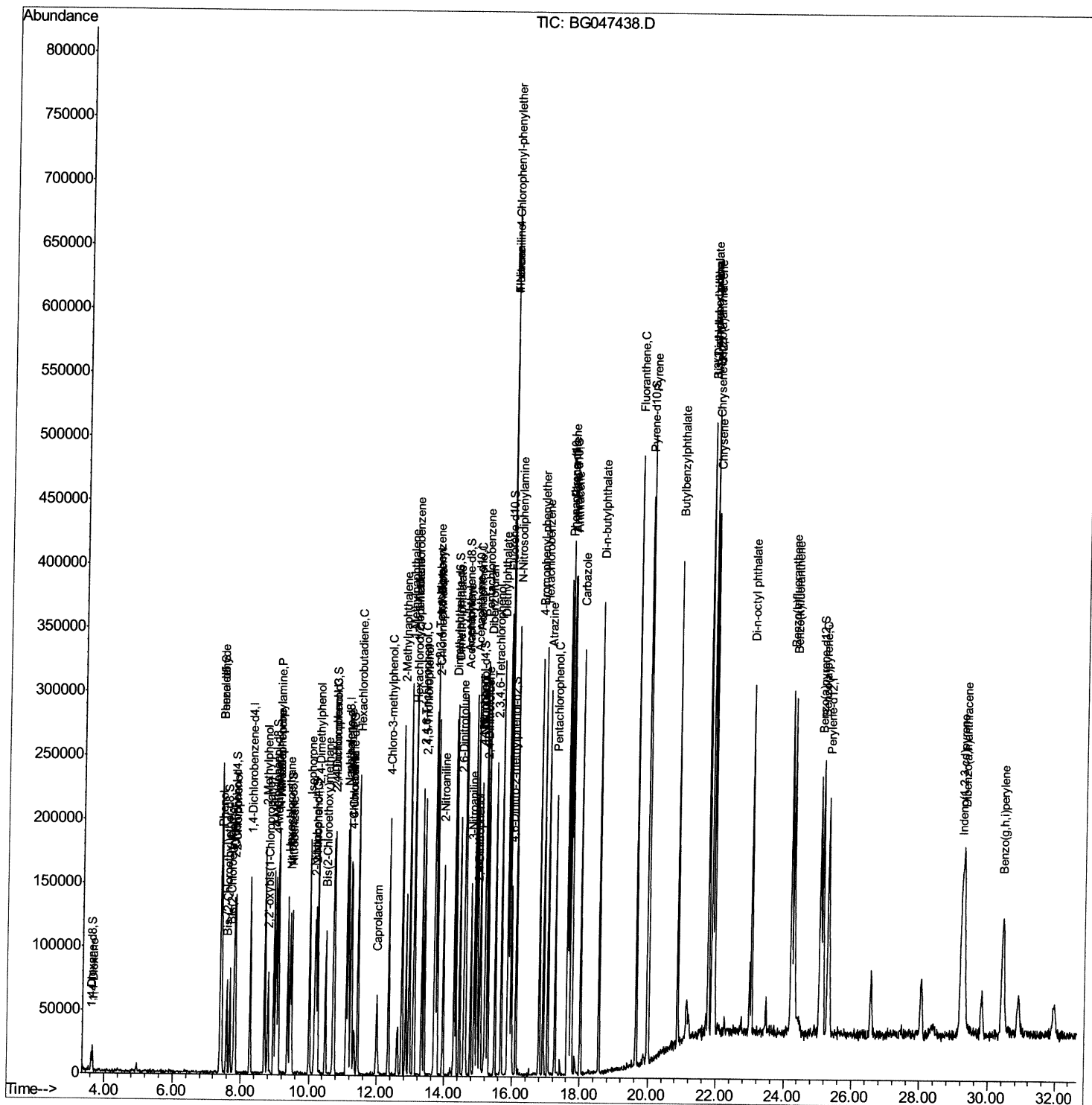
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Data Path   : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112320\  
Data File  : BG047438.D  
Acq On     : 24 Nov 2020    9:11  
Operator   : CG/JU  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2    Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02043

Manual Integrations APPROVED

mohammad
11/25/2020 12:47:55 PM

Quant Time: Nov 24 10:33:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 05:59:26 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

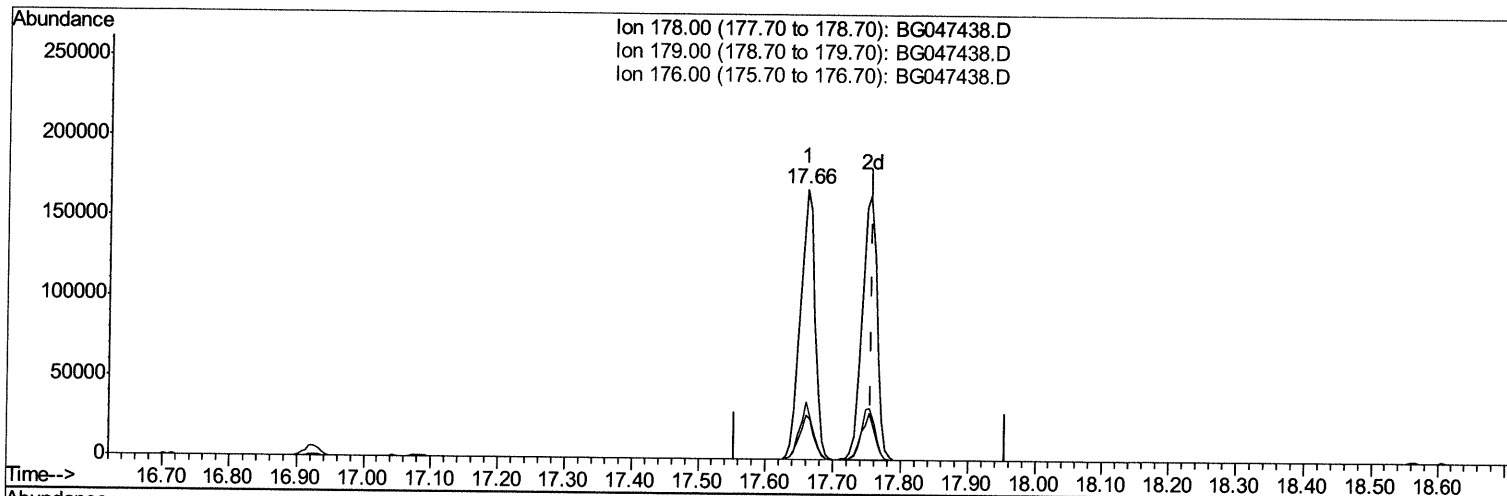
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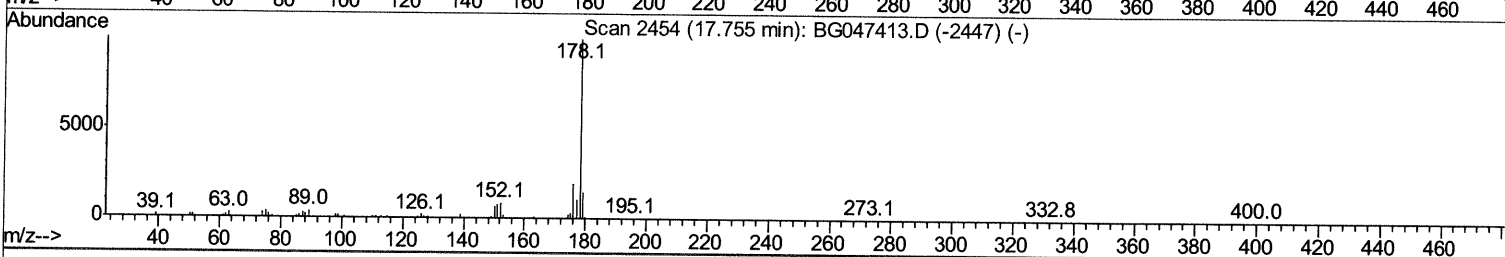
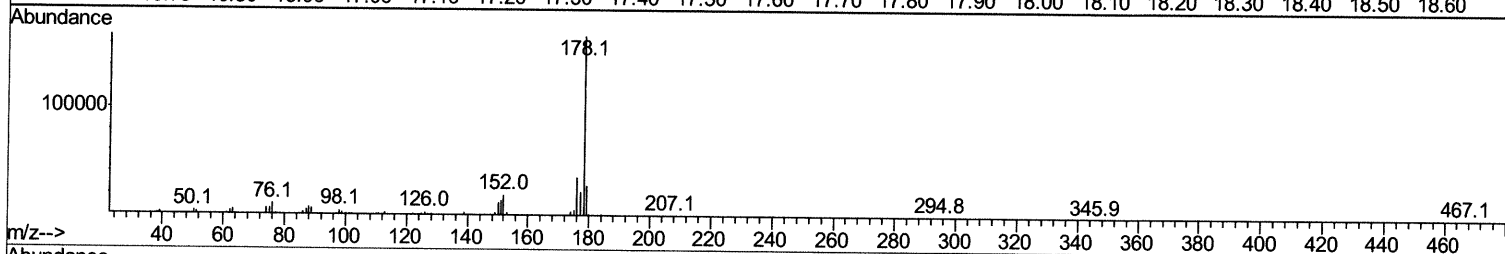
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Ion 178.00 (177.70 to 178.70): BG047438.D
 Ion 179.00 (178.70 to 179.70): BG047438.D
 Ion 176.00 (175.70 to 176.70): BG047438.D



TIC: BG047438.D

(72) Anthracene

17.659min (-0.096) 19.15ng/ul

response 252329

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	16.53
176.00	19.20	21.30
0.00	0.00	0.00

Quantitation Report (Qedit)

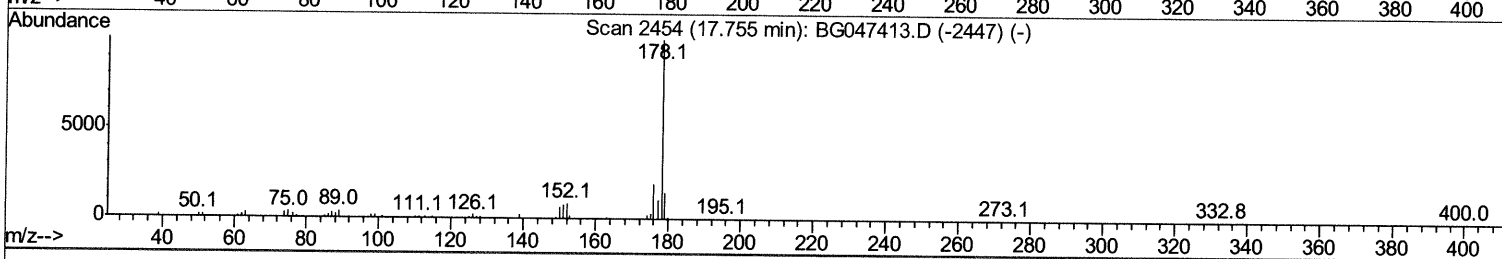
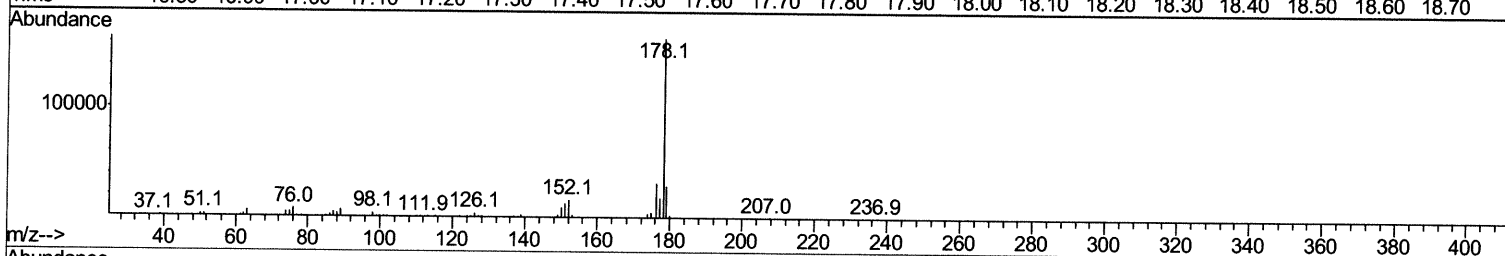
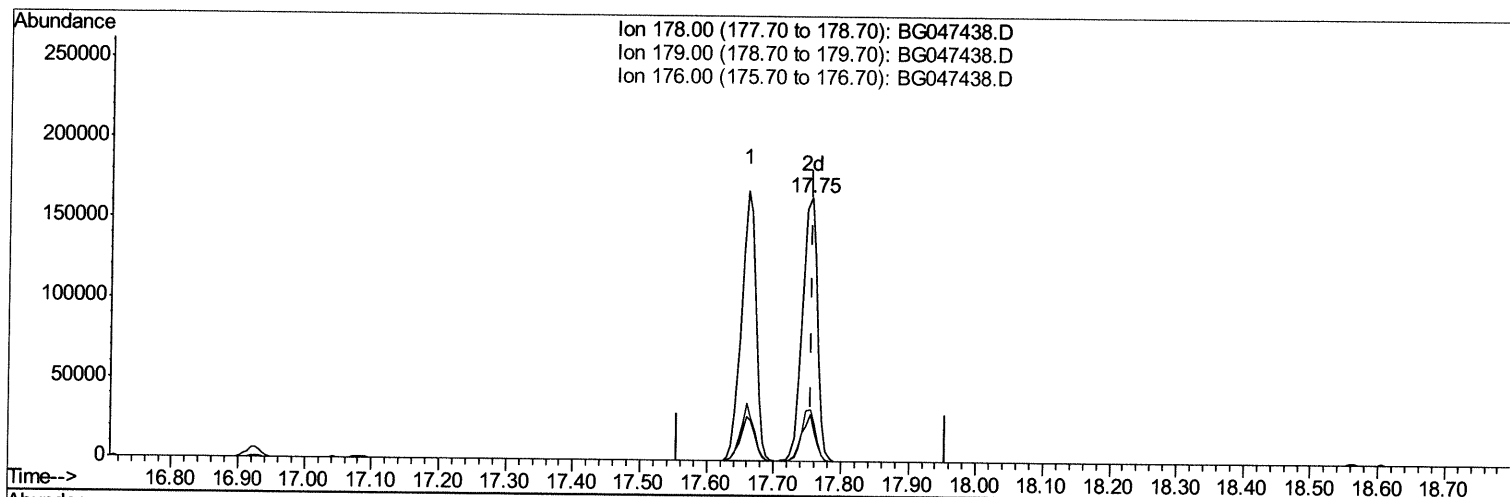
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TIC: BG047438.D

(72) Anthracene

17.753min (-0.002) 19.20ng/ul m

11/25/20 JU

response 252949

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	17.86#
176.00	19.20	19.38
0.00	0.00	0.00

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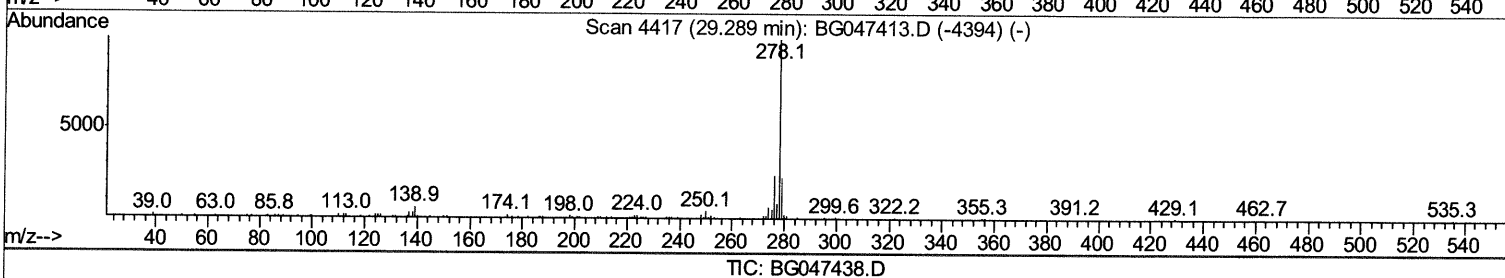
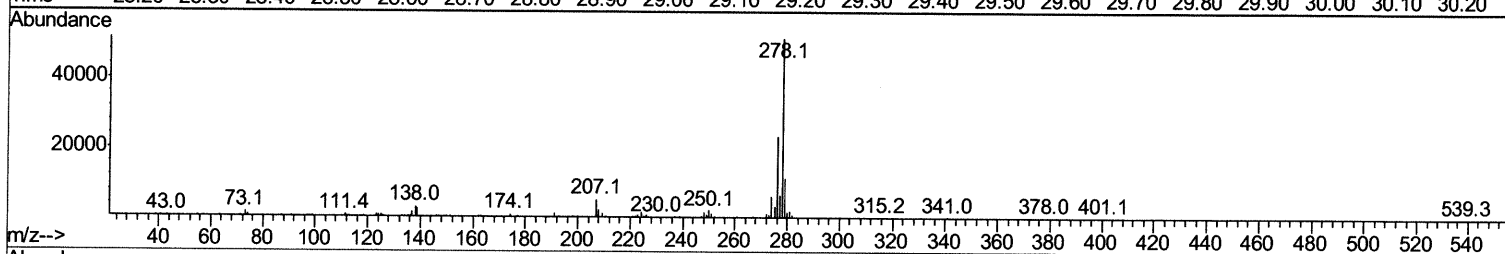
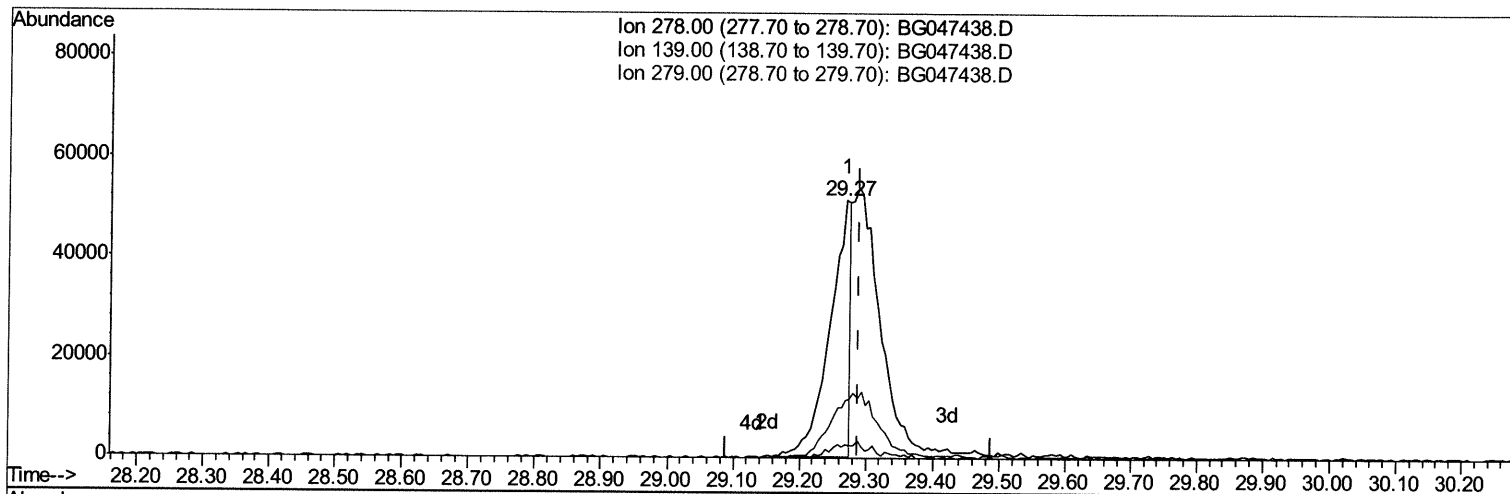
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TIC: BG047438.D

(93) Dibenzo(a,h)anthracene

29.269min (-0.020) 8.12ng/ul

response 113312

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	5.31
279.00	22.70	22.44
0.00	0.00	0.00

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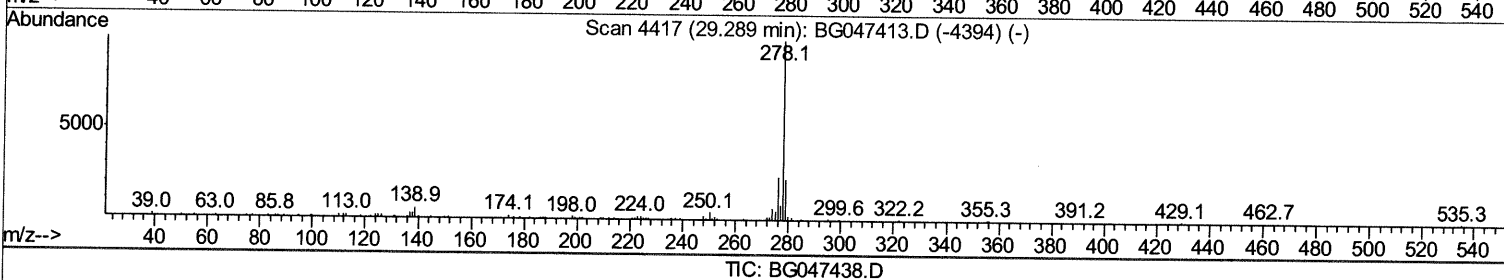
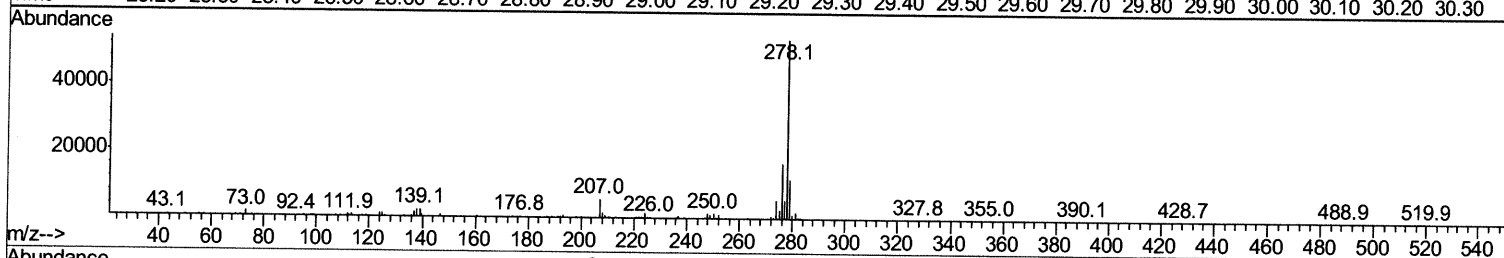
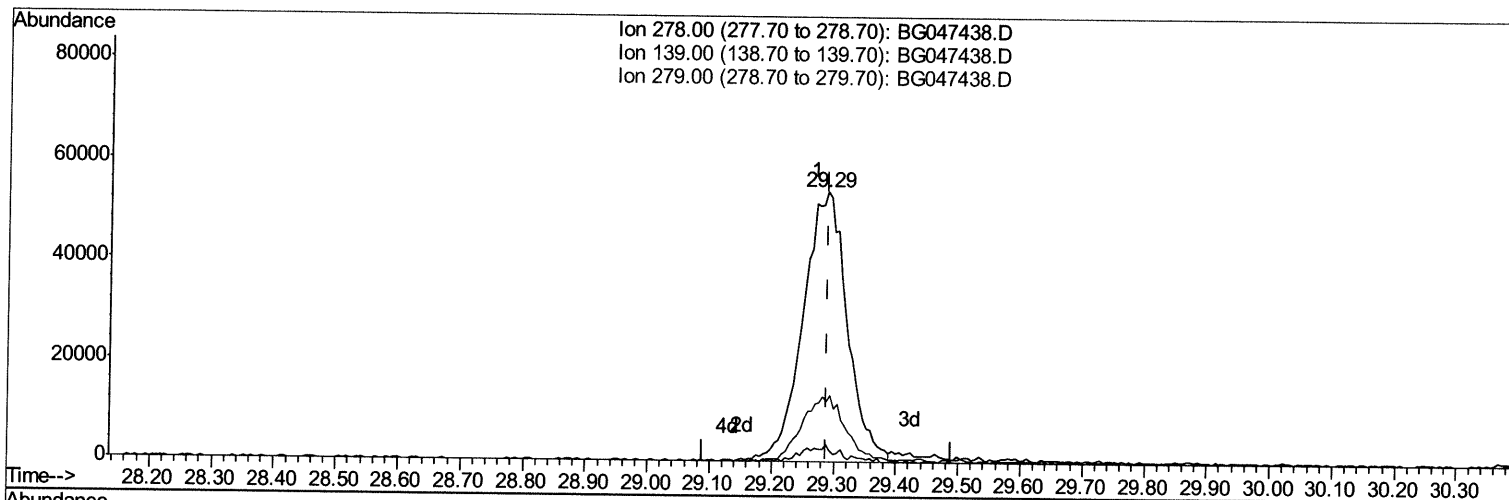
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TIC: BG047438.D

(93) Dibenzo(a,h)anthracene

29.287min (-0.002) 18.98ng/ul m

11/25/2020 JU

response 264814

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	4.64#
279.00	22.70	22.44
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	37308	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	145682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	107325	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	242255	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	219271	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	222319	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	7312	7.12	ng/uL	0.00
5) Phenol-d5	7.41	99	64060	17.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	35124	16.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	48877	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	50333	17.51	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	21632	17.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	25841	19.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	60195	20.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	60471	19.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	168796	18.32	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	197965	18.59	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	23610	16.80	ng/ul	0.00
58) Fluorene-d10	15.87	176	156318	18.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	21890	15.87	ng/ul	0.00
71) Anthracene-d10	17.72	188	235684	19.61	ng/ul	0.00
79) Pyrene-d10	19.98	212	248929	19.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	248074	19.39	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.65	88	10700	10.103	ng/uL#	90
4) Benzaldehyde	7.40	77	39616	17.926	ng/ul	92
6) Phenol	7.43	94	61302	17.102	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.68	93	43902	16.591	ng/ul	96
10) 2-Chlorophenol	7.83	128	45098	17.808	ng/ul#	82
11) 2-Methylphenol	8.71	108	50610	18.174	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.80	45	42223	15.171	ng/ul#	93
14) Acetophenone	9.10	105	75635	17.079	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.08	70	43759	16.379	ng/ul#	91
16) 4-Methylphenol	9.03	108	52164	17.848	ng/ul	98
17) Hexachloroethane	9.38	117	21489	18.057	ng/ul	99
20) Nitrobenzene	9.49	77	73277	18.828	ng/ul	99
21) Isophorone	10.01	82	120077	16.188	ng/ul#	92
23) 2-Nitrophenol	10.20	139	27355	19.164	ng/ul	95
24) 2,4-Dimethylphenol	10.24	107	68084	18.791	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.49	93	58925	16.515	ng/ul#	90
27) 2,4-Dichlorophenol	10.74	162	53216	19.938	ng/ul#	92
28) Naphthalene	11.16	128	156716	18.993	ng/ul	97
30) 4-Chloroaniline	11.25	127	56807	19.606	ng/ul	94
31) Hexachlorobutadiene	11.44	225	54378	21.656	ng/ul#	88
32) Caprolactam	12.00	113	15835	16.277	ng/ul	85
33) 4-Chloro-3-methylphenol	12.34	107	61259	18.572	ng/ul	94
34) 2-Methylnaphthalene	12.74	142	118172	19.326	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	135148	18.805	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	87593	20.769	ng/uL	93
38) Hexachlorocyclopentadiene	13.08	237	40297	13.732	ng/uL#	91
39) 2,4,6-Trichlorophenol	13.32	196	54705	20.888	ng/uL	90
40) 2,4,5-Trichlorophenol	13.39	196	56617	20.822	ng/uL	97
41) 1,1'-Biphenyl	13.72	154	160742	19.308	ng/uL	94
42) 2-Chloronaphthalene	13.77	162	127060	19.254	ng/uL	94
43) 2-Nitroaniline	13.96	65	44754	18.646	ng/uL	97
45) Dimethylphthalate	14.32	163	170512	18.143	ng/uL	98
46) 2,6-Dinitrotoluene	14.44	165	34159	18.980	ng/uL	90
48) Acenaphthylene	14.61	152	188551	19.052	ng/uL	97
49) 3-Nitroaniline	14.77	138	29485	20.981	ng/uL	86
50) Acenaphthene	14.95	153	128141	18.459	ng/uL	97
51) 2,4-Dinitrophenol	14.97	184	18267	19.048	ng/uL#	85
53) 4-Nitrophenol	15.06	109	39043	19.184	ng/uL	86
54) Dibenzofuran	15.28	168	186858	18.326	ng/uL	100
55) 2,4-Dinitrotoluene	15.23	165	49091	19.226	ng/uL#	92
56) 2,3,4,6-Tetrachlorophenol	15.49	232	53076	20.382	ng/uL#	98
57) Diethylphthalate	15.68	149	160271	17.383	ng/uL	98
59) Fluorene	15.93	166	157705	18.359	ng/uL	93
60) 4-Chlorophenyl-phenylether	15.91	204	99888	19.359	ng/uL	97
61) 4-Nitroaniline	15.92	138	33705	20.483	ng/uL	97
64) 4,6-Dinitro-2-methylphenol	15.98	198	21553	14.936	ng/uL	99
65) N-Nitrosodiphenylamine	16.12	169	137603	19.899	ng/uL	98
66) 4-Bromophenyl-phenylether	16.80	248	65627	21.325	ng/uL	100
67) Hexachlorobenzene	16.93	284	71118	22.091	ng/uL	97
68) Atrazine	17.05	200	60481	19.872	ng/uL	99
69) Pentachlorophenol	17.26	266	41139	21.847	ng/uL	98
70) Phenanthrene	17.66	178	252329	19.288	ng/uL#	93
72) Anthracene	17.75	178	252949m>	19.199	ng/uL>	11/25/20 JU
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	89691	23.552	ng/uL	100
74) Pentachlorobenzene	15.20	250	81782	22.337	ng/uL	93
75) Carbazole	18.01	167	207591	19.533	ng/uL	97
76) Di-n-butylphthalate	18.56	149	248412	18.351	ng/uL	98
77) Fluoranthene	19.65	202	315275	19.082	ng/uL	99
80) Pvrene	20.01	202	309873	19.950	ng/uL	98
81) Butylbenzylphthalate	20.88	149	101891	18.678	ng/uL#	96
82) 3,3'-Dichlorobenzidine	21.78	252	82652	16.147	ng/uL	94
83) Benzo(a)anthracene	21.88	228	293233	18.795	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	137737	18.114	ng/uL#	99
85) Chrysene	21.95	228	282905	19.055	ng/uL	98
87) Di-n-octyl phthalate	23.04	149	232163	18.855	ng/uL	100
88) Benzo(b)fluoranthene	24.22	252	309651	19.727	ng/uL	95
89) Benzo(k)fluoranthene	24.29	252	293863	18.997	ng/uL	99
91) Benzo(a)pyrene	25.14	252	269339	19.248	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	29.21	276	307195	18.048	ng/uL	97
93) Dibenzo(a,h)anthracene	29.29	278	264814m>	18.976	ng/uL>	11/25/20 JU
94) Benzo(a,h,i)perylene	30.43	276	233536	16.628	ng/uL#	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed								