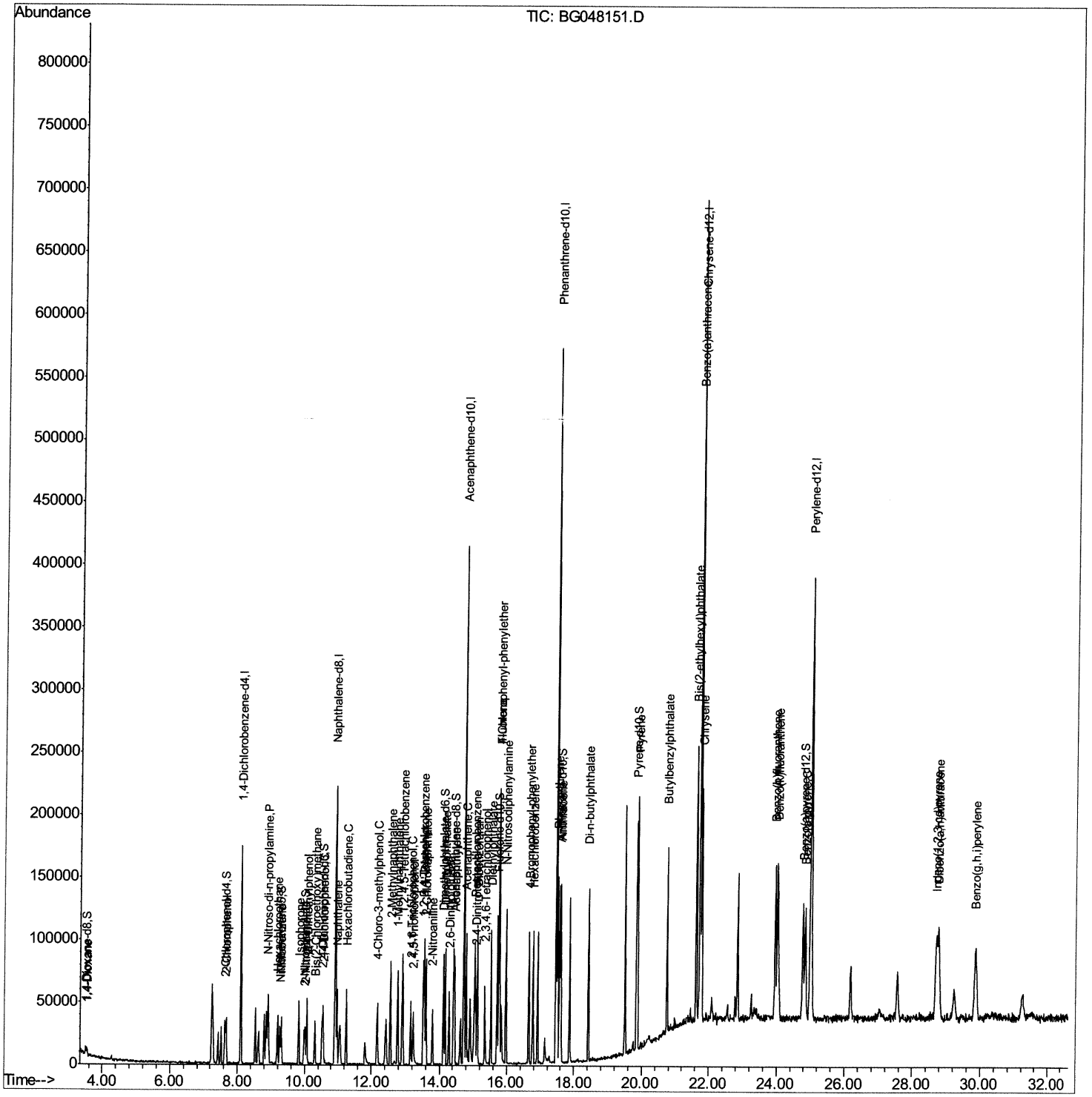
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021321\
Data File : BG048151.D
Acq On : 12 Feb 2021 16:46
Operator : CG/JU
Sample : SSTD00526
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 12 23:19:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 22:47:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00526

Manual Integrations APPROVED
mohammad
2/15/2021 11:32:04 AM



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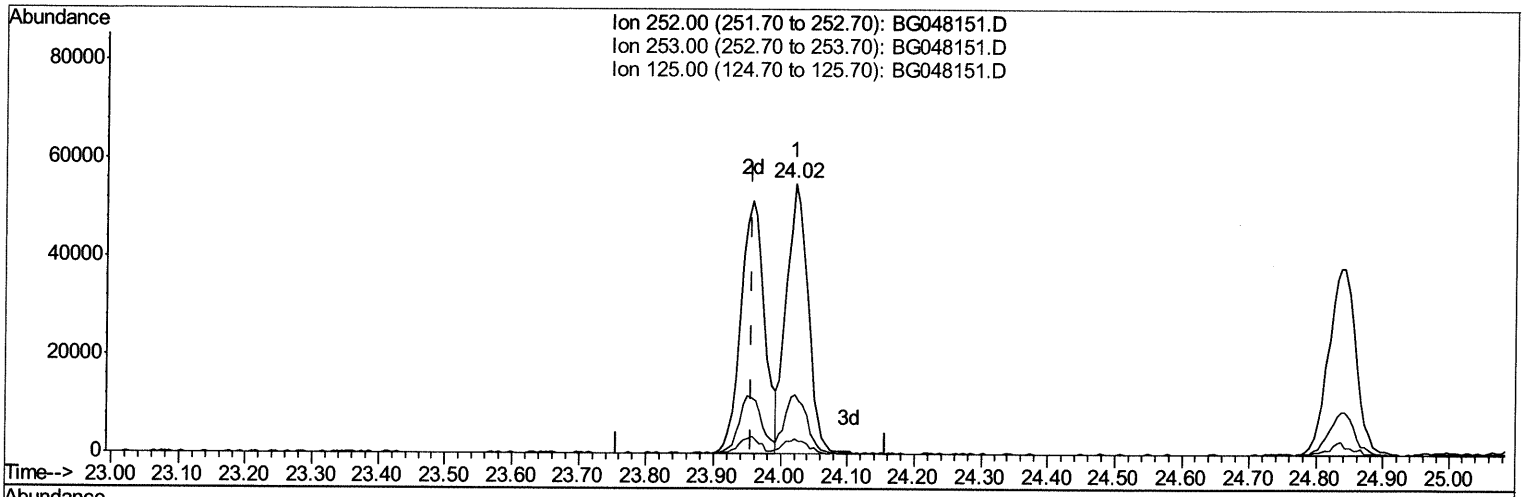

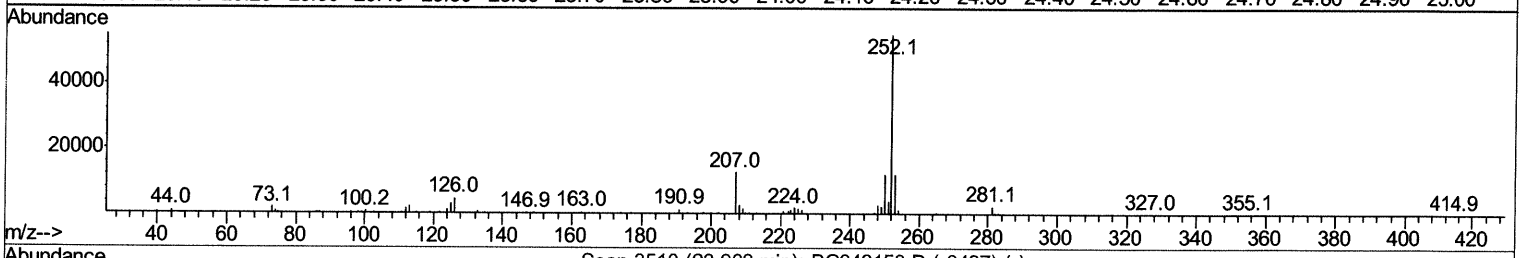

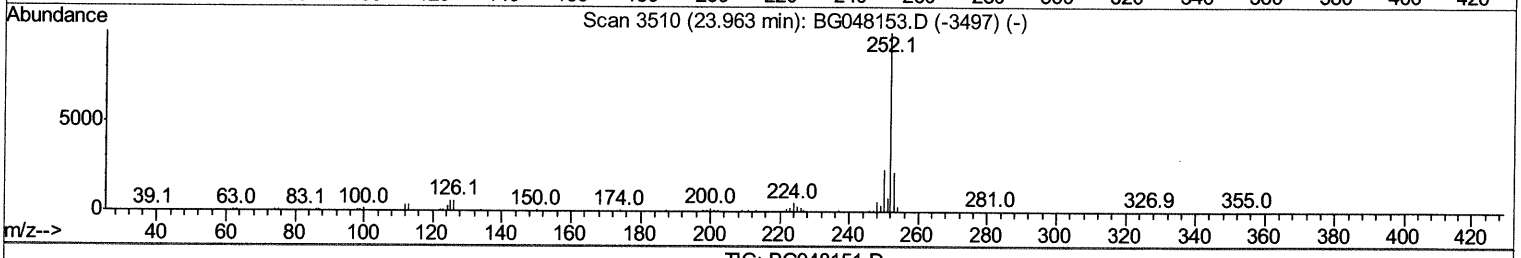

TIC: BG048151.D

(88) Benzo(b)fluoranthene

24.021min (+0.064) 4.56ng/ul

response 123359

Ion	Exp%	Act%
252.00	100	100
253.00	19.10	21.99
125.00	5.00	5.60
0.00	0.00	0.00

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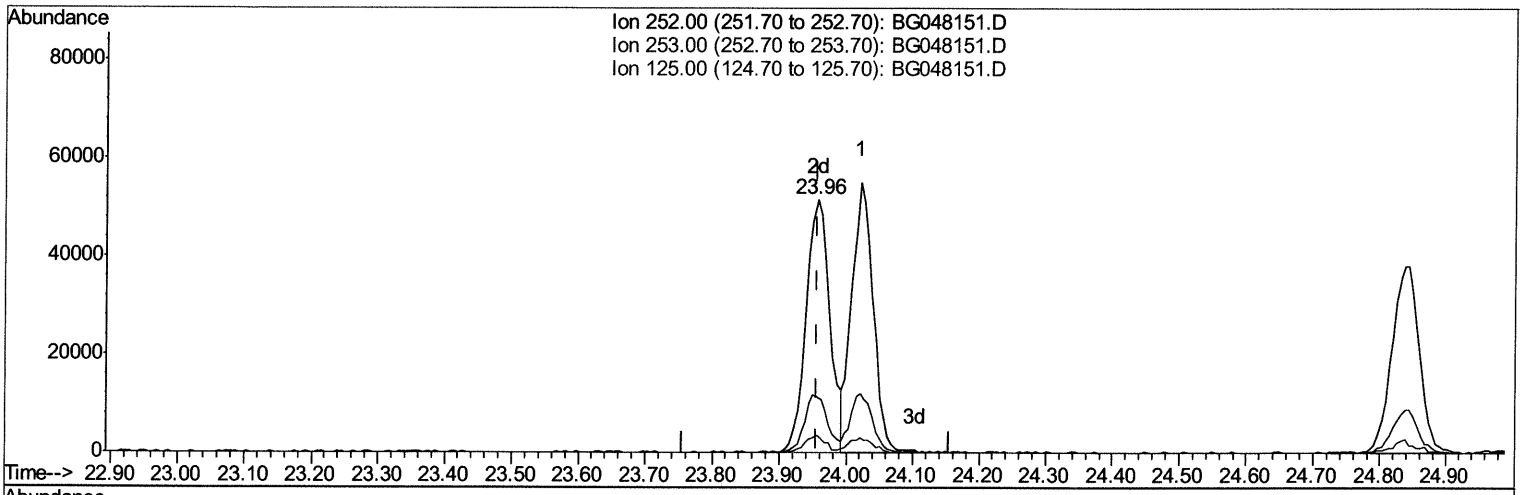

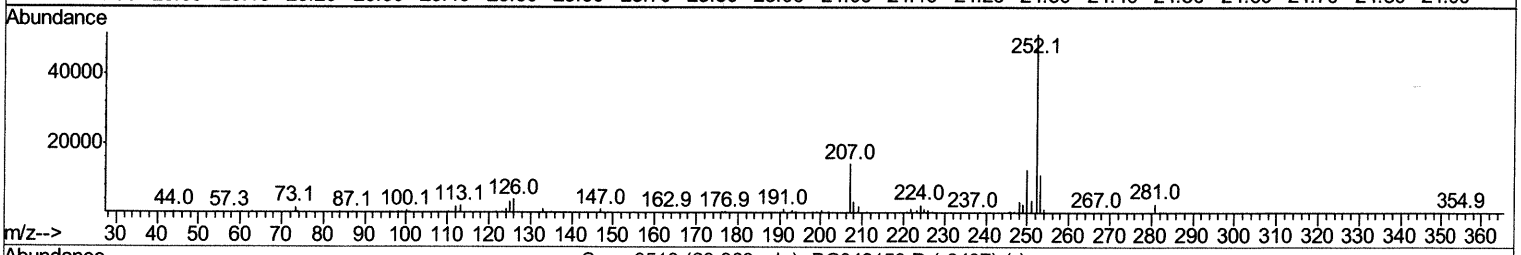

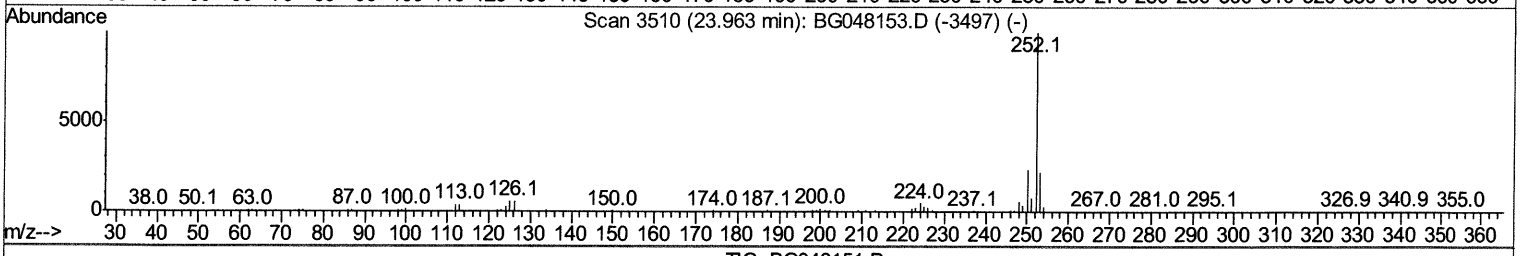

TIC: BG048151.D

(88) Benzo(b)fluoranthene

23.956min (-0.001) 4.70ng/ul m 2/15/21 JU

response 127030

Ion	Exp%	Act%
252.00	100	100
253.00	19.10	21.77
125.00	5.00	6.70#
0.00	0.00	0.00

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Manual Integrations APPROVED
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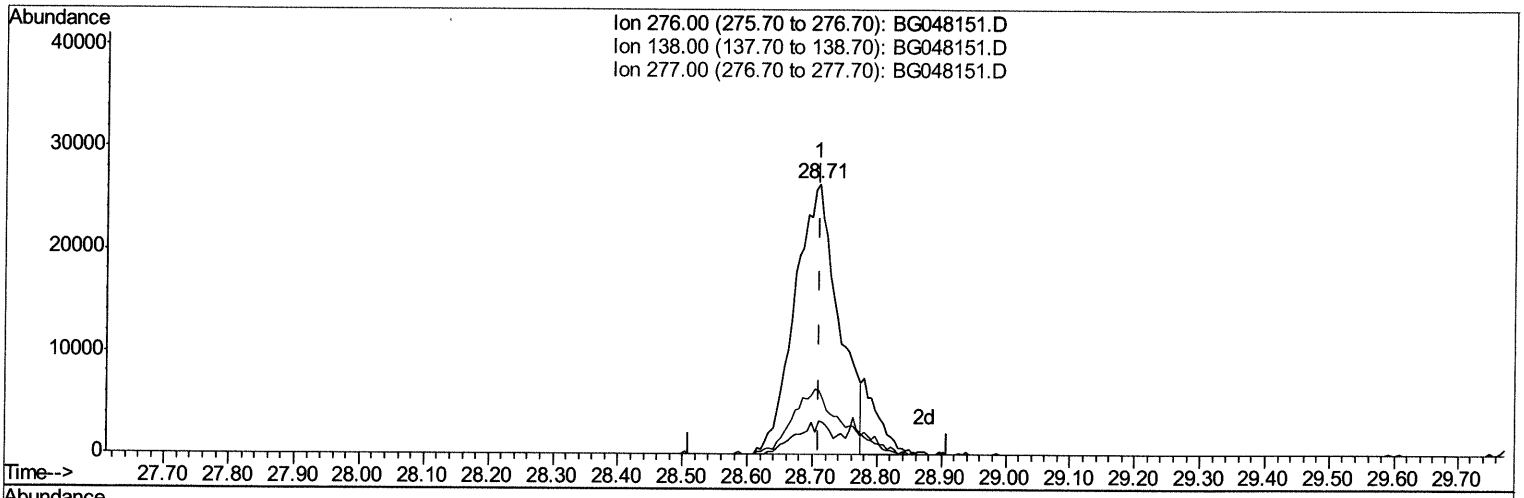

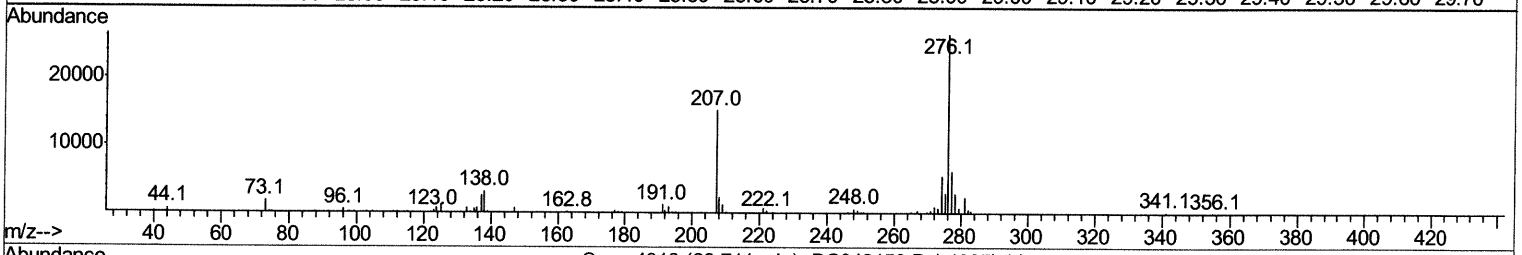

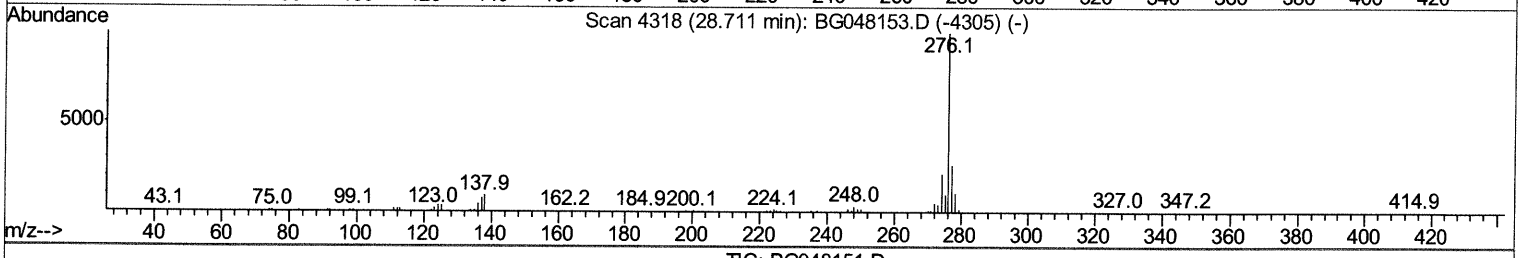

TIC: BG048151.D

(92) Indeno(1,2,3-cd)pyrene

28.709min (-0.001) 4.17ng/ul

response 123966

Ion	Exp%	Act%
276.00	100	100
138.00	10.50	12.17
277.00	24.20	23.81
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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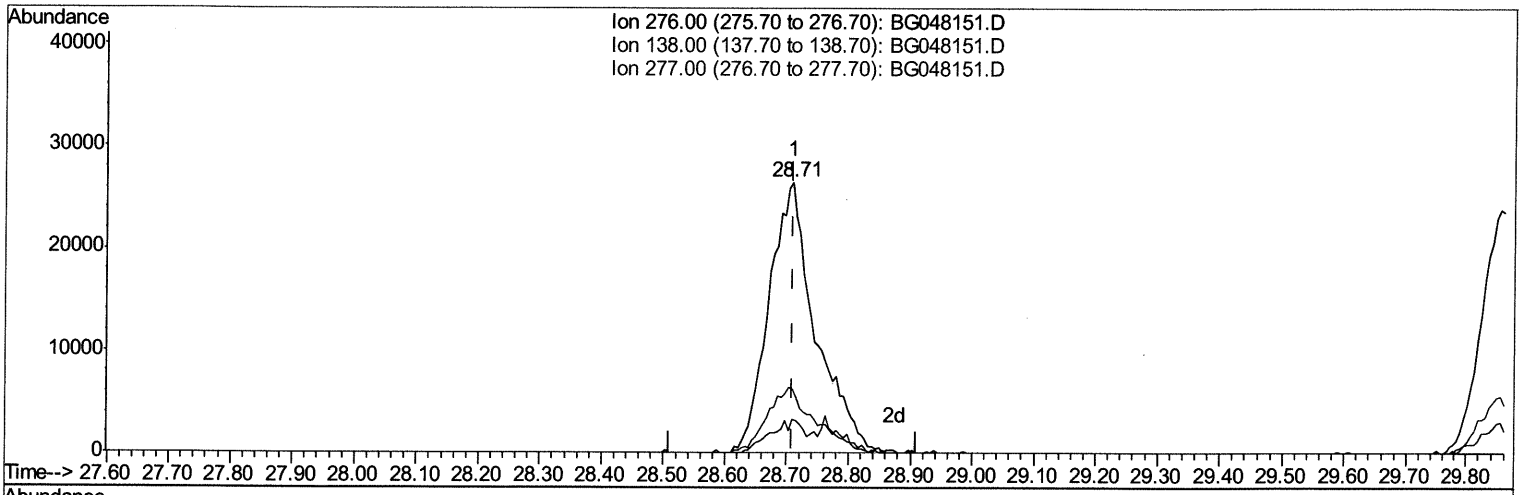

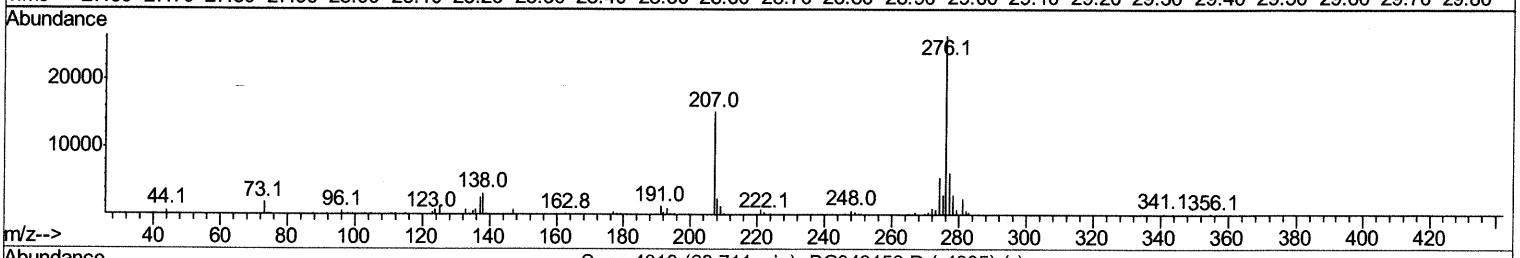

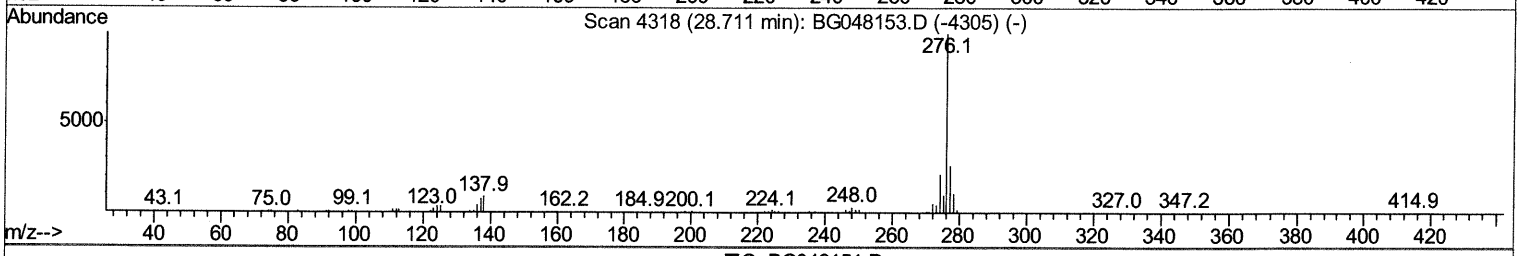

TIC: BG048151.D

(92) Indeno(1,2,3-cd)pyrene

28.709min (-0.001) 4.60ng/ul m 02/15/21 JU

response 136837

Ion	Exp%	Act%
276.00	100	100
138.00	10.50	12.17
277.00	24.20	23.81
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	8.10	152	46724	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	182435	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	141597	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	361560	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	392307	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	387574	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	2410	2.75	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.63	132	13812	4.55	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.26	128	6823	4.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	7749	4.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	16241	4.17	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	53819	4.38	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	65630	4.67	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.71	176	49201	4.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.56	188	80643	4.47	ng/ul	0.00
79) Pyrene-d10	19.84	212	100743	4.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	100392	4.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	3031	3.350	ng/uL#	77
10) 2-Chlorophenol	7.66	128	14876	4.982	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.90	70	13632	4.926	ng/ul#	85
17) Hexachloroethane	9.19	117	7062	4.838	ng/ul	89
20) Nitrobenzene	9.30	77	21471	4.561	ng/ul#	89
21) Isophorone	9.83	82	36460	4.508	ng/ul	93
23) 2-Nitrophenol	10.01	139	8021	4.374	ng/ul#	91
24) 2,4-Dimethylphenol	10.07	107	18057	4.112	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.31	93	20017	5.403	ng/ul#	96
27) 2,4-Dichlorophenol	10.55	162	14890	4.522	ng/ul#	94
28) Naphthalene	10.97	128	47843	4.703	ng/ul	95
31) Hexachlorobutadiene	11.25	225	14572	4.053	ng/ul	93
33) 4-Chloro-3-methylphenol	12.18	107	17566	4.382	ng/ul	96
34) 2-Methylnaphthalene	12.56	142	36989	4.719	ng/ul	100
35) 1-Methylnaphthalene	12.78	142	36048	3.967	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	24953	4.434	ng/ul	91
39) 2,4,6-Trichlorophenol	13.16	196	14211	3.868	ng/ul#	96
40) 2,4,5-Trichlorophenol	13.23	196	12298	3.236	ng/ul	93
41) 1,1'-Biphenyl	13.56	154	50492	4.737	ng/ul	95
42) 2-Chloronaphthalene	13.60	162	39821	4.614	ng/ul#	93
43) 2-Nitroaniline	13.80	65	12495	4.052	ng/ul	92
45) Dimethylphthalate	14.17	163	56302	4.519	ng/ul	97
46) 2,6-Dinitrotoluene	14.29	165	11210	4.206	ng/ul#	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.44	152	57694	4.428	ng/ul	99
50) Acenaphthene	14.78	153	45373	4.926	ng/ul	99
54) Dibenzofuran	15.12	168	66409	4.942	ng/ul	95
55) 2,4-Dinitrotoluene	15.07	165	16116	4.285	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.34	232	14488	4.075	ng/ul#	96
57) Diethylphthalate	15.53	149	57575	4.735	ng/ul	96
59) Fluorene	15.77	166	53902	4.691	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	32051	4.463	ng/ul	97
65) N-Nitrosodiphenylamine	15.97	169	45855	4.601	ng/ul	98
66) 4-Bromophenyl-phenylether	16.65	248	21887	4.694	ng/ul	97
67) Hexachlorobenzene	16.77	284	24322	4.783	ng/ul#	90
70) Phenanthrene	17.51	178	95297	4.863	ng/ul	100
72) Anthracene	17.60	178	98248	5.030	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	27076	4.779	ng/uL	90
74) Pentachlorobenzene	15.04	250	27707	4.906	ng/uL	94
76) Di-n-butylphthalate	18.42	149	97067	4.878	ng/ul#	93
80) Pyrene	19.87	202	131099	4.595	ng/ul	97
81) Butylbenzylphthalate	20.75	149	41318	4.352	ng/ul	99
83) Benzo(a)anthracene	21.72	228	127495	4.549	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	60846	4.567	ng/ul	98
85) Chrysene	21.78	228	122153	4.618	ng/ul	99
88) Benzo(b)fluoranthene	23.96	252	127030m >	4.695	ng/ul >	02/15/21 JU
89) Benzo(k)fluoranthene	24.02	252	123359	4.601	ng/ul	100
91) Benzo(a)pyrene	24.84	252	109355	4.482	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.71	276	136837m >	4.599	ng/ul >	02/15/21 JU
93) Dibenzo(a,h)anthracene	28.76	278	116837	4.685	ng/ul#	95
94) Benzo(g,h,i)perylene	29.87	276	116390	4.765	ng/ul#	95

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