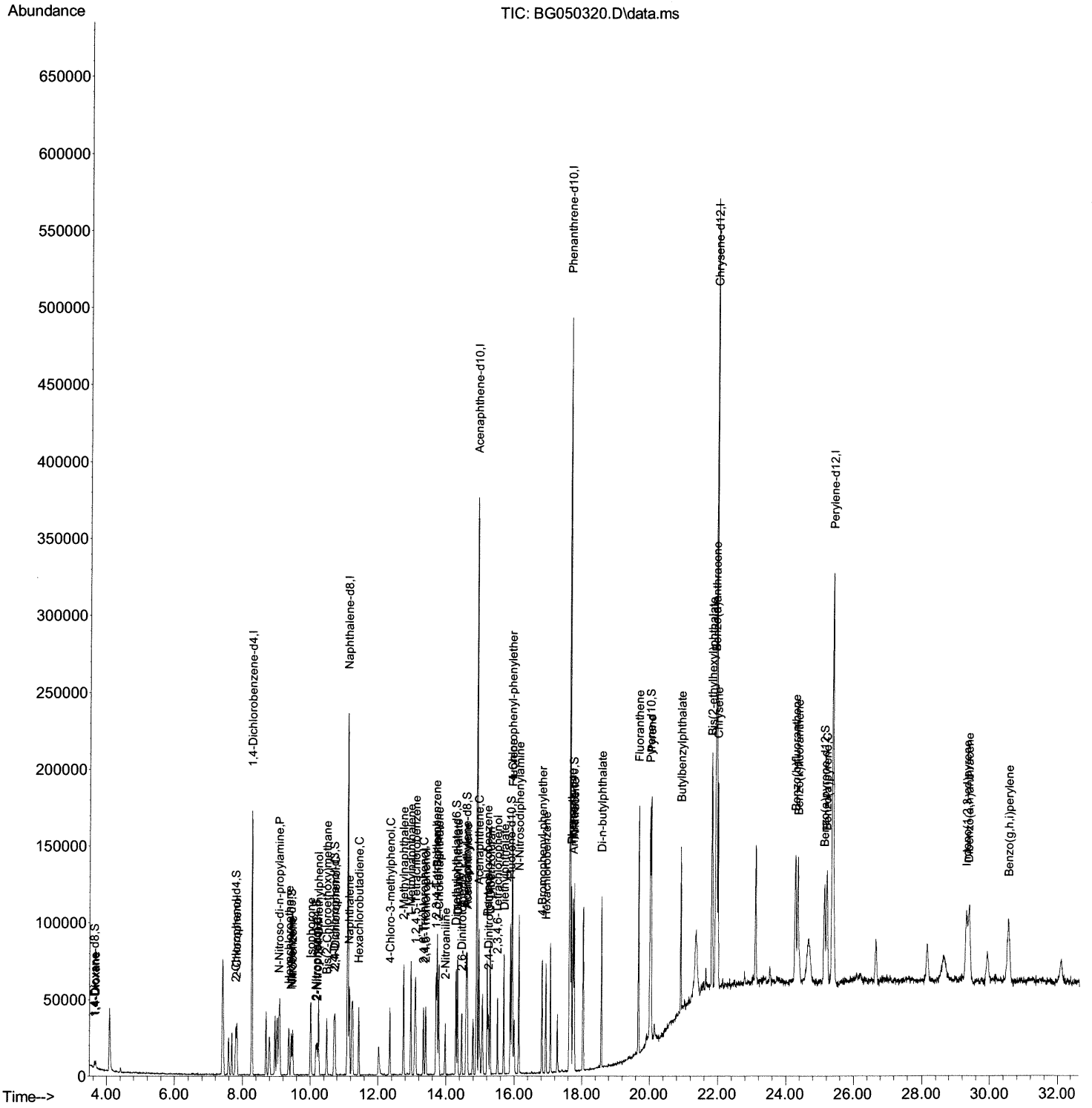
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050320.D
Acq On : 30 Sep 2021 12:11
Operator : CG/JU
Sample : SSTD00540
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 14:02:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 29 10:57:11 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005440

Manual Integrations APPROVED
mohammad
10/1/2021 11:29:42 AM



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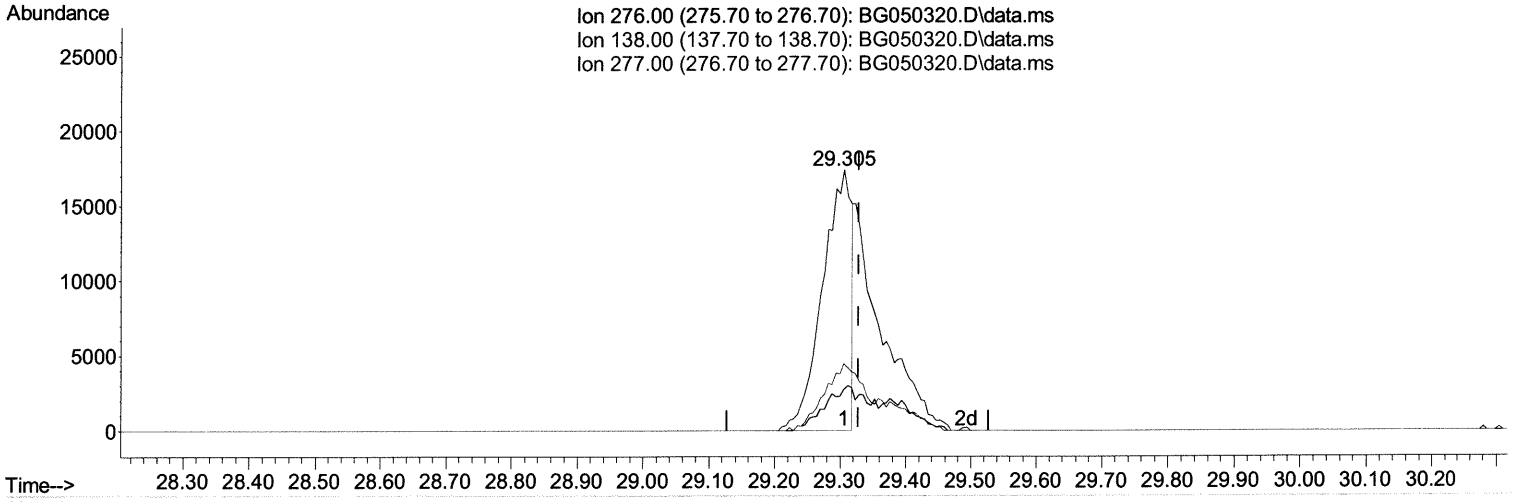

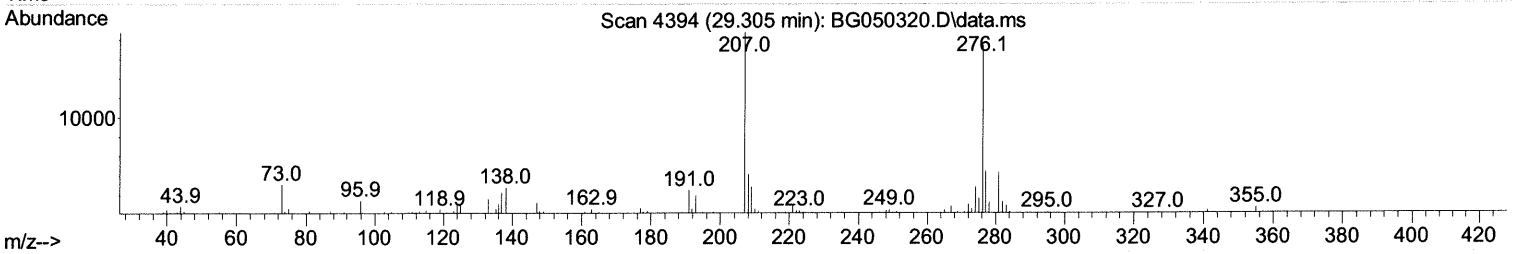

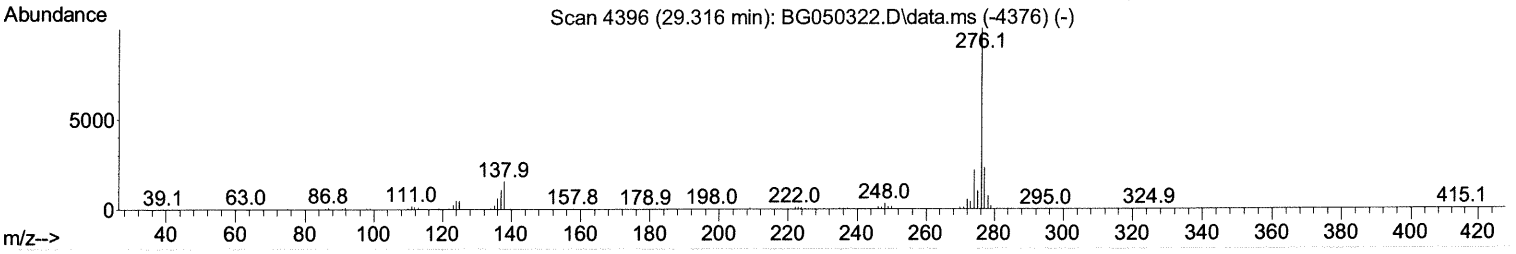

TIC: BG050320.D\data.ms

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

29.305min (-0.023) 2.74 ng/ul

response 52656

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	15.77#
277.00	23.20	25.64
0.00	0.00	0.00

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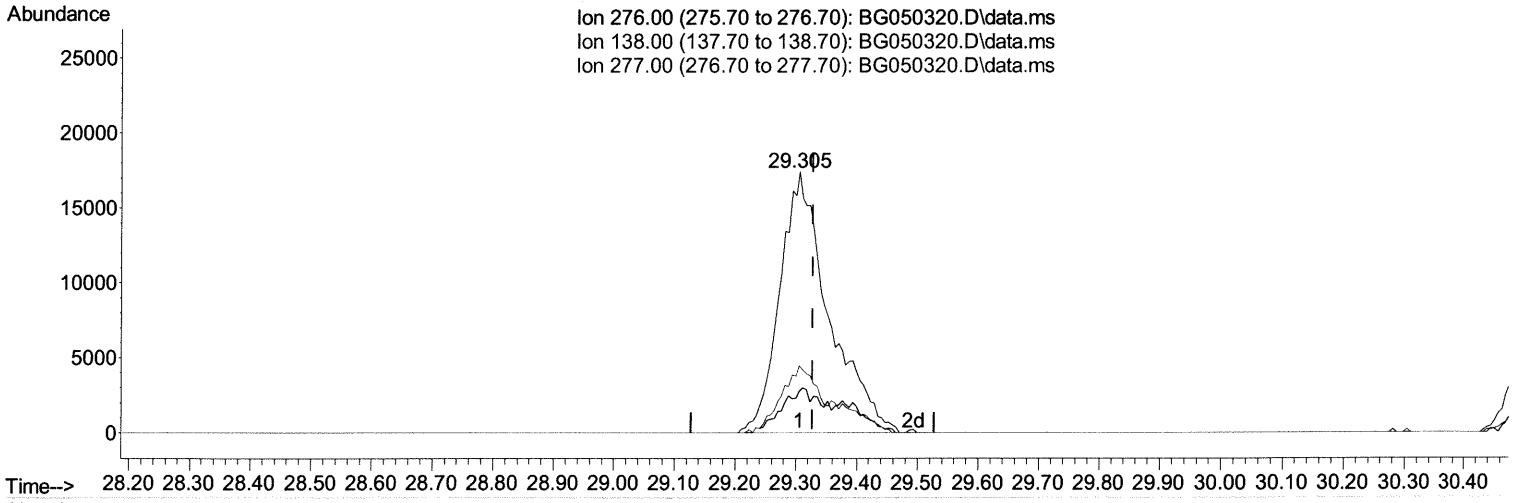

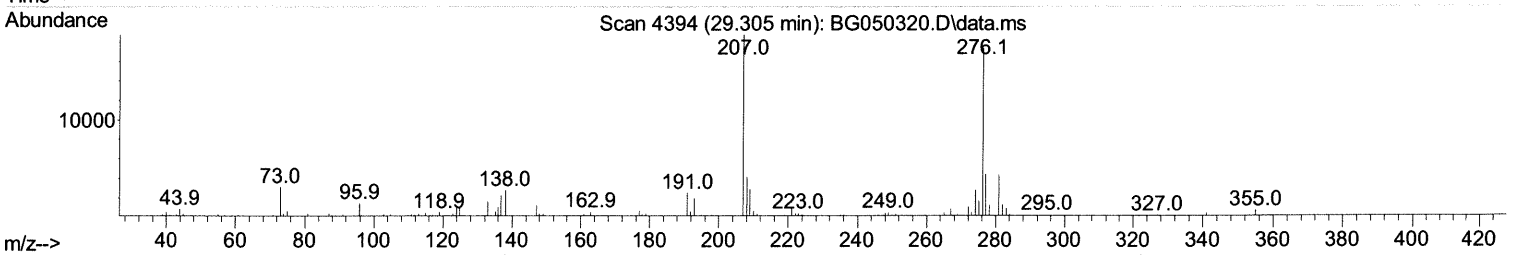

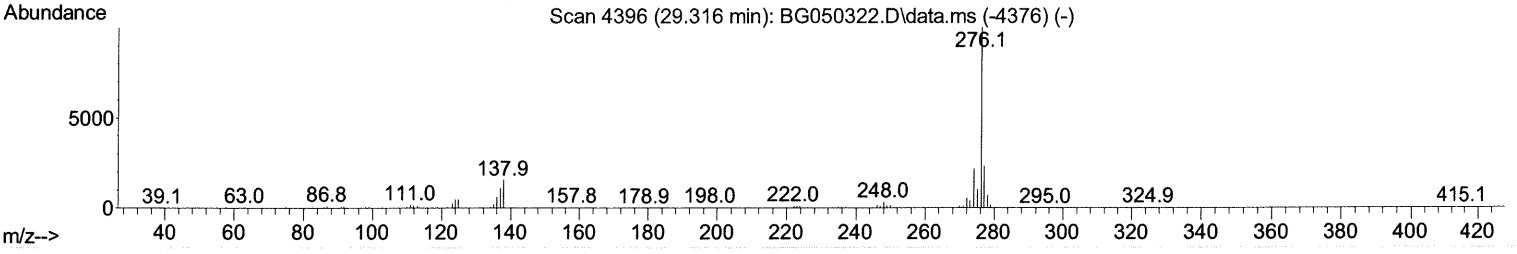

TIC: BG050320.D\data.ms

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

29.305min (-0.023) 5.04 ng/ul m 10/05/21 JU

response 96786

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	15.77#
277.00	23.20	25.64
0.00	0.00	0.00

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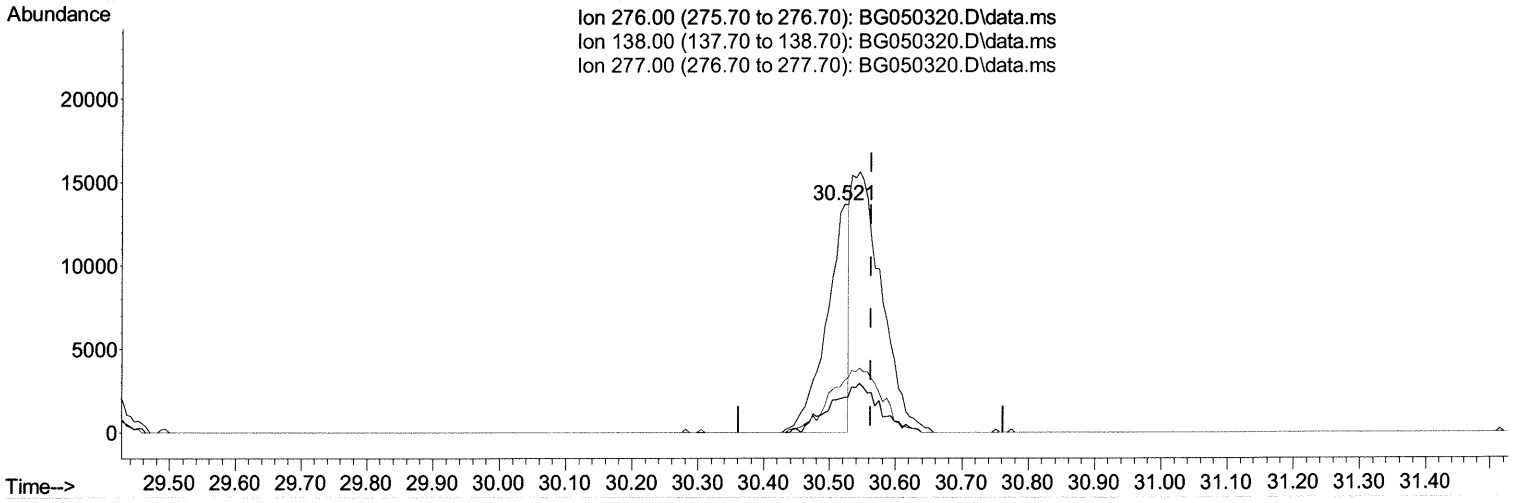

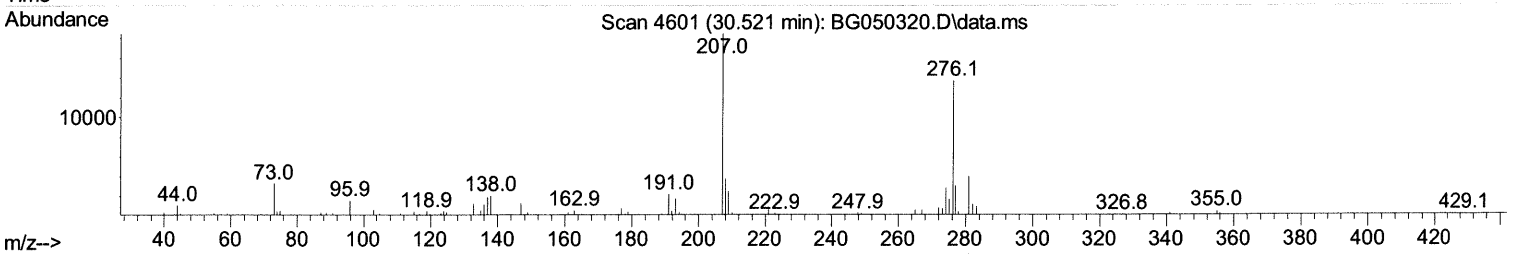

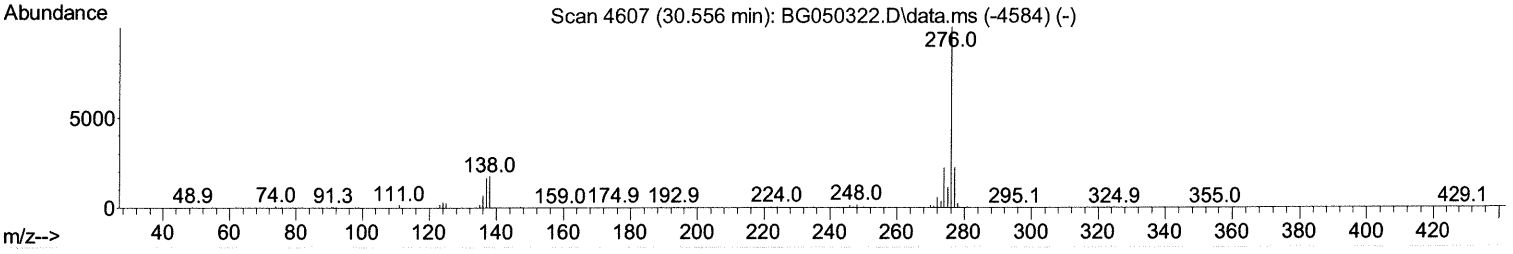

TIC: BG050320.D\data.ms

(96) Benzo(g,h,i)perylene

30.521min (-0.040) 1.97 ng/ul

response 32402

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	15.32#
277.00	21.70	22.49
0.00	0.00	0.00

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Operator : CG/JU
Sample : SSTD00540
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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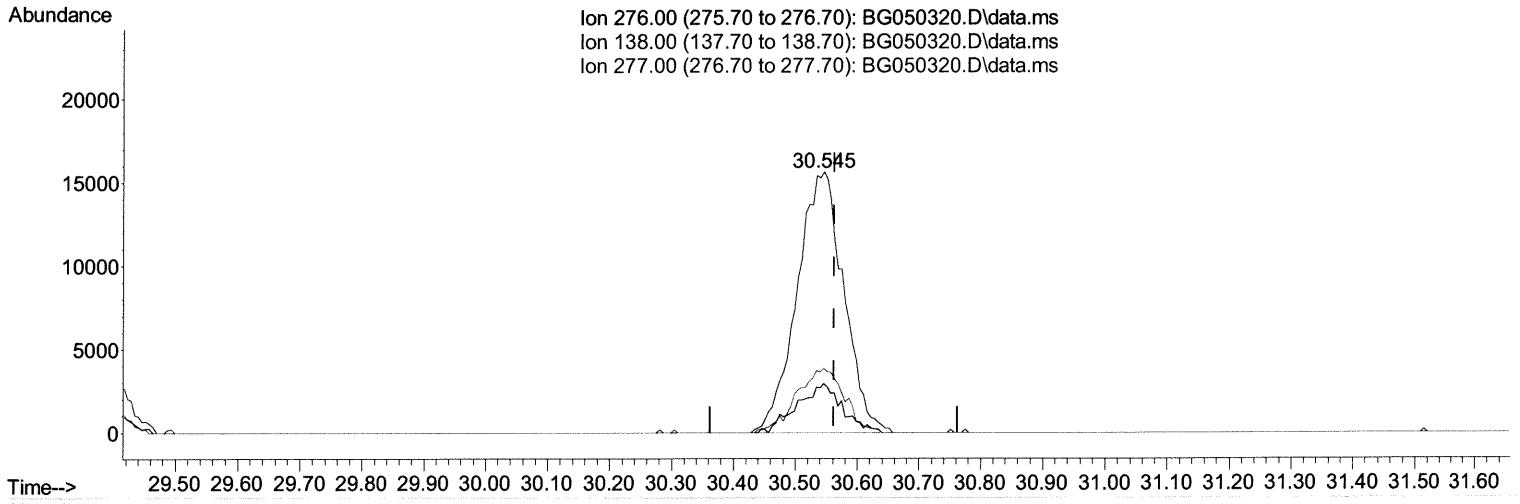

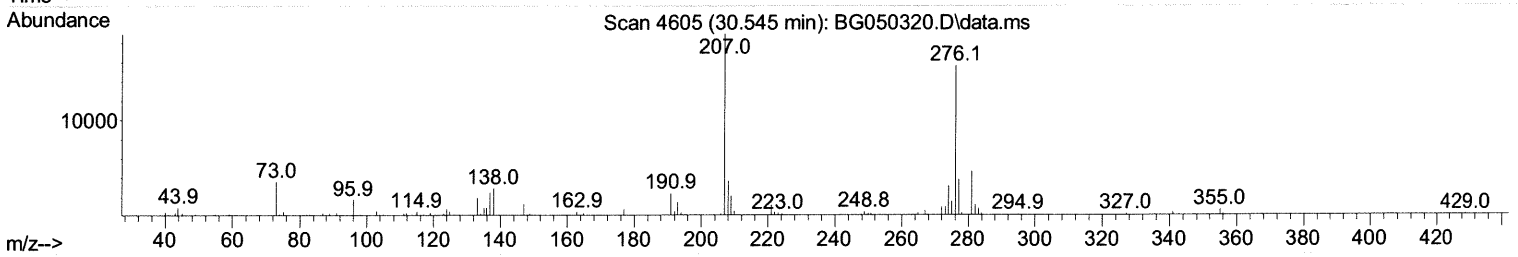

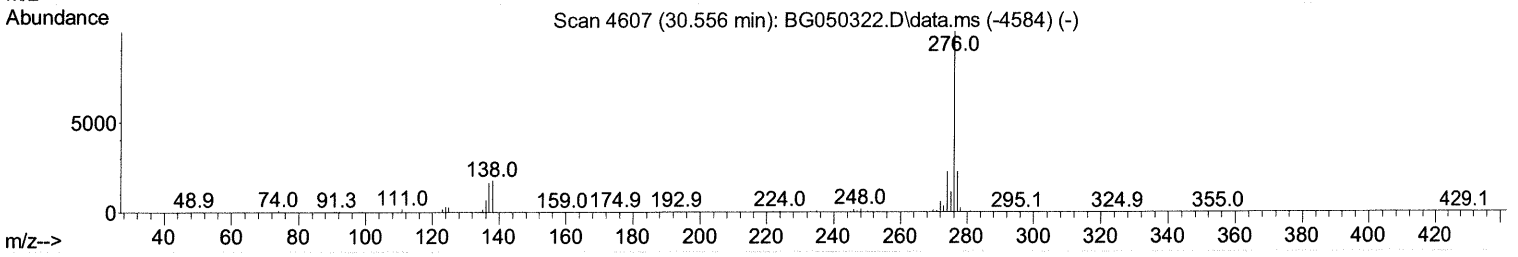

TIC: BG050320.D\data.ms

(96) Benzo(g,h,i)perylene

30.545min (-0.017) 4.98 ng/ul m 10/05/21 JU

response 81809

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	18.69#
277.00	21.70	24.66
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	45623	20.000	ng/ul	0.00
20) Naphthalene-d8	11.103	136	192751	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.893	164	132208	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.637	188	305815	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.943	240	304896	20.000	ng/ul	# 0.00
88) Perylene-d12	25.380	264	295589	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	2364	2.506	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.801	132	13368	5.077	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.446	128	6191	5.199	ng/ul	0.00
24) 2-Nitrophenol-d4	10.175	143	6452	4.906	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.709	165	13176	4.295	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.288	166	43628	4.855	ng/ul	0.00
49) Acenaphthylene-d8	14.593	160	57112	5.056	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.880	176	40271	4.895	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.736	188	65634	5.039	ng/ul	0.00
81) Pyrene-d10	20.010	212	78535	4.757	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.134	264	71978	4.776	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	3166	2.660	ng/uL#	90
12) 2-Chlorophenol	7.830	128	13560	4.887	ng/ul#	74
17) N-Nitroso-di-n-propyla...	9.076	70	13799	5.568	ng/ul	93
19) Hexachloroethane	9.370	117	6349	5.333	ng/ul	88
22) Nitrobenzene	9.481	77	19438	5.690	ng/ul#	88
23) Isophorone	10.016	82	36970	5.131	ng/ul#	91
25) 2-Nitrophenol	10.210	139	6538	4.760	ng/ul#	79
26) 2,4-Dimethylphenol	10.245	107	18160	4.944	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.492	93	20436	5.195	ng/ul#	94
29) 2,4-Dichlorophenol	10.733	162	13087	4.427	ng/ul	94
30) Naphthalene	11.150	128	49170	4.973	ng/ul	96
33) Hexachlorobutadiene	11.432	225	10478	4.273	ng/ul	90
35) 4-Chloro-3-methylphenol	12.343	107	15506	4.837	ng/ul	99
36) 2-Methylnaphthalene	12.742	142	33730	4.926	ng/ul	100
37) 1-Methylnaphthalene	12.954	142	33844	4.896	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.101	216	18985	4.561	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.330	196	10758	4.383	ng/ul	93
42) 2,4,5-Trichlorophenol	13.395	196	12267	4.645	ng/ul	95
43) 1,1'-Biphenyl	13.729	154	44510	4.963	ng/ul#	90
44) 2-Chloronaphthalene	13.776	162	34694	4.889	ng/ul	99
45) 2-Nitroaniline	13.970	65	9324	5.519	ng/ul	99
47) Dimethylphthalate	14.335	163	44268	4.891	ng/ul	98
48) 2,6-Dinitrotoluene	14.452	165	7610	5.311	ng/ul#	82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.617	152	57220	5.015	ng/ul	100
52) Acenaphthene	14.957	153	37284	4.991	ng/ul	96
56) Dibenzofuran	15.292	168	56046	5.013	ng/ul	91
57) 2,4-Dinitrotoluene	15.239	165	11007	5.421	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.504	232	10234	4.308	ng/ul#	94
59) Diethylphthalate	15.692	149	44941	4.830	ng/ul	97
61) Fluorene	15.939	166	44865	5.122	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.927	204	23860	4.839	ng/ul	92
67) N-Nitrosodiphenylamine	16.132	169	39313	5.084	ng/ul	97
68) 4-Bromophenyl-phenylether	16.820	248	13440	4.238	ng/ul	96
69) Hexachlorobenzene	16.937	284	14397	4.098	ng/ul#	85
72) Phenanthrene	17.684	178	78029	5.141	ng/ul	95
74) Anthracene	17.772	178	77093	5.100	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.700	216	20925	4.813	ng/uL	86
76) Pentachlorobenzene	15.204	250	18101	4.318	ng/uL	93
78) Di-n-butylphthalate	18.583	149	75209	4.877	ng/ul	99
80) Fluoranthene	19.675	202	98757	4.719	ng/ul#	85
82) Pyrene	20.040	202	100443	4.881	ng/ul#	88
83) Butylbenzylphthalate	20.915	149	33127	4.778	ng/ul	96
85) Benzo(a)anthracene	21.920	228	90678	4.939	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.808	149	49997	5.052	ng/ul	100
87) Chrysene	21.990	228	88279	4.959	ng/ul	97
90) Benzo(b)fluoranthene	24.276	252	87820	5.076	ng/ul#	97
91) Benzo(k)fluoranthene	24.352	252	84727	5.215	ng/ul#	97
93) Benzo(a)pyrene	25.204	252	85710	5.215	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.305	276	96786m >	5.040	ng/ul >	10/05/21 JU
95) Dibenzo(a,h)anthracene	29.382	278	81891	4.947	ng/ul#	94
96) Benzo(g,h,i)perylene	30.545	276	81809m	4.979	ng/ul >	10/05/21 JU

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