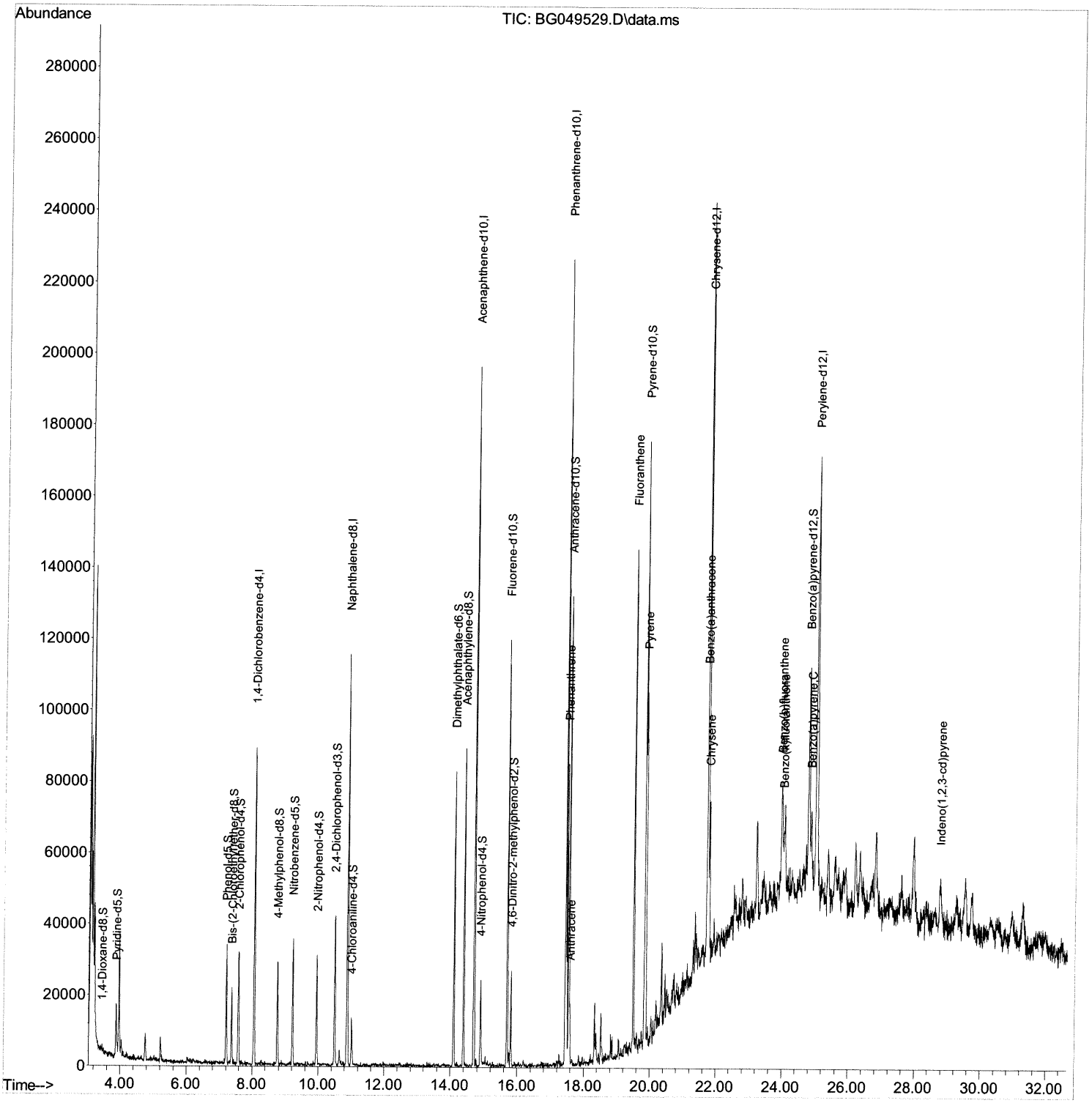
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049529.D
Acq On : 28 Jul 2021 12:03
Operator : CG/JU
Sample : M3106-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 28 12:42:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGD20

Manual Integrations APPROVED
mohammad
7/29/2021 1:41:53 PM



Quantitation Report (Qedit)

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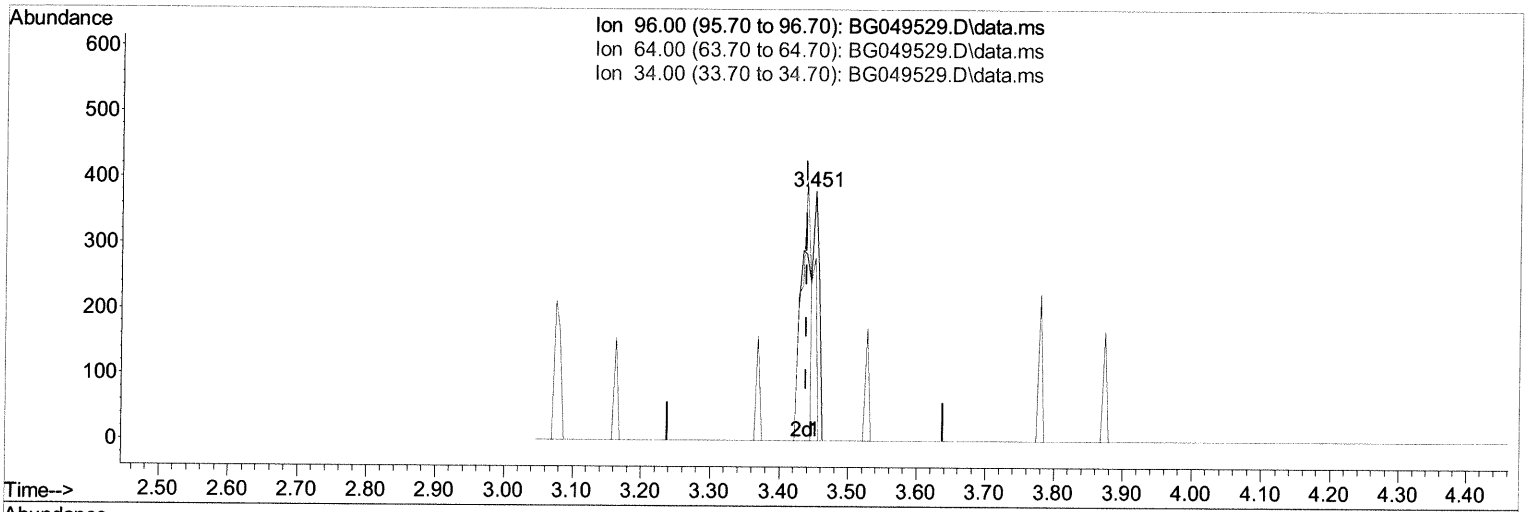

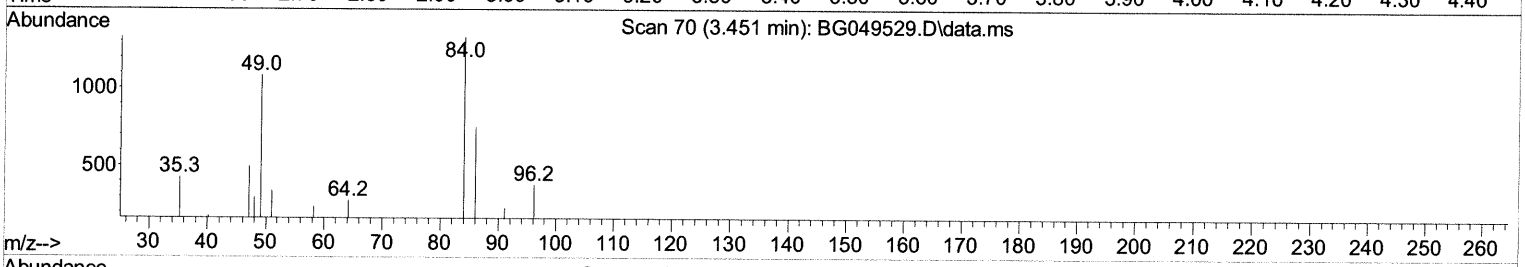

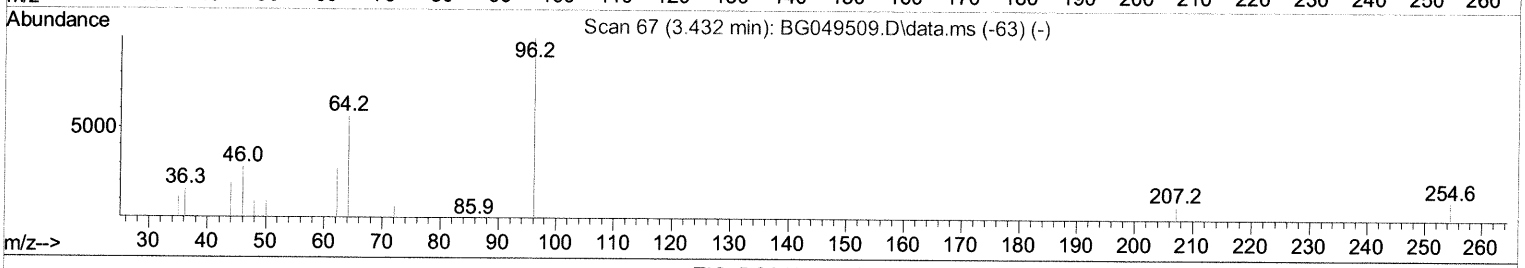

TIC: BG049529.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.451min (+ 0.013) 0.45 ng/uL

response 223

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	73.23
34.00	0.00	0.00
0.00	0.00	0.00

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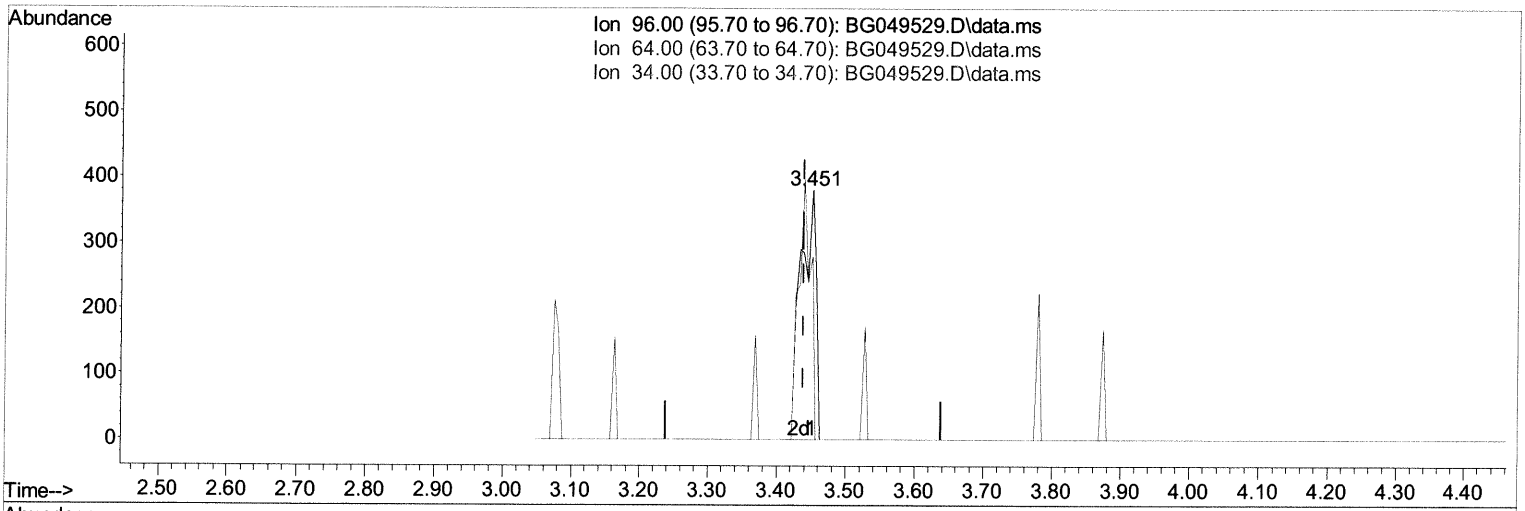

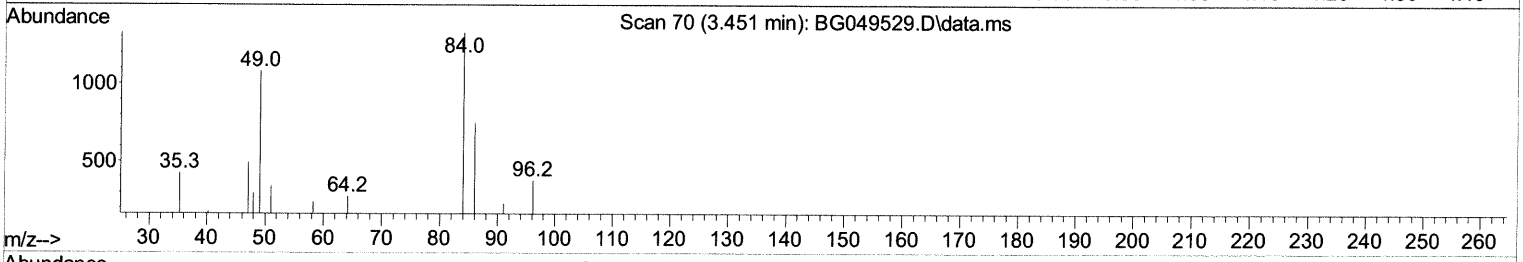

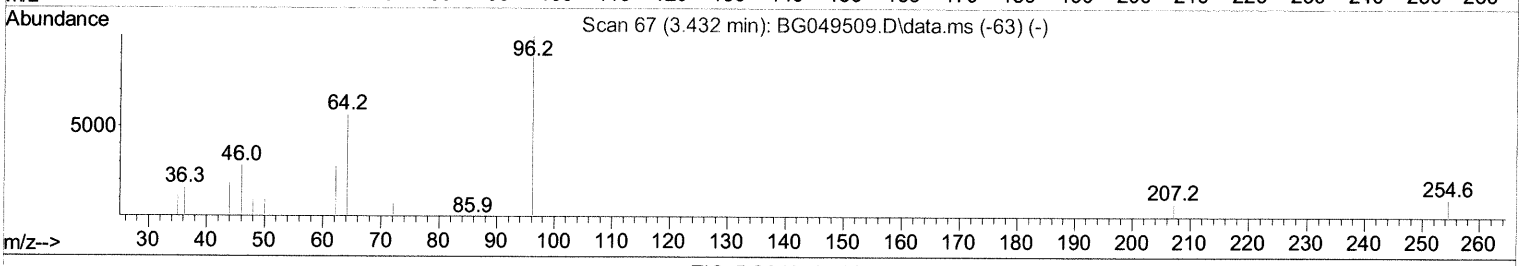

TIC: BG049529.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.451min (+ 0.013) 1.18 ng/uL m 07/30/21 JU

response 585

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	73.23
34.00	0.00	0.00
0.00	0.00	0.00

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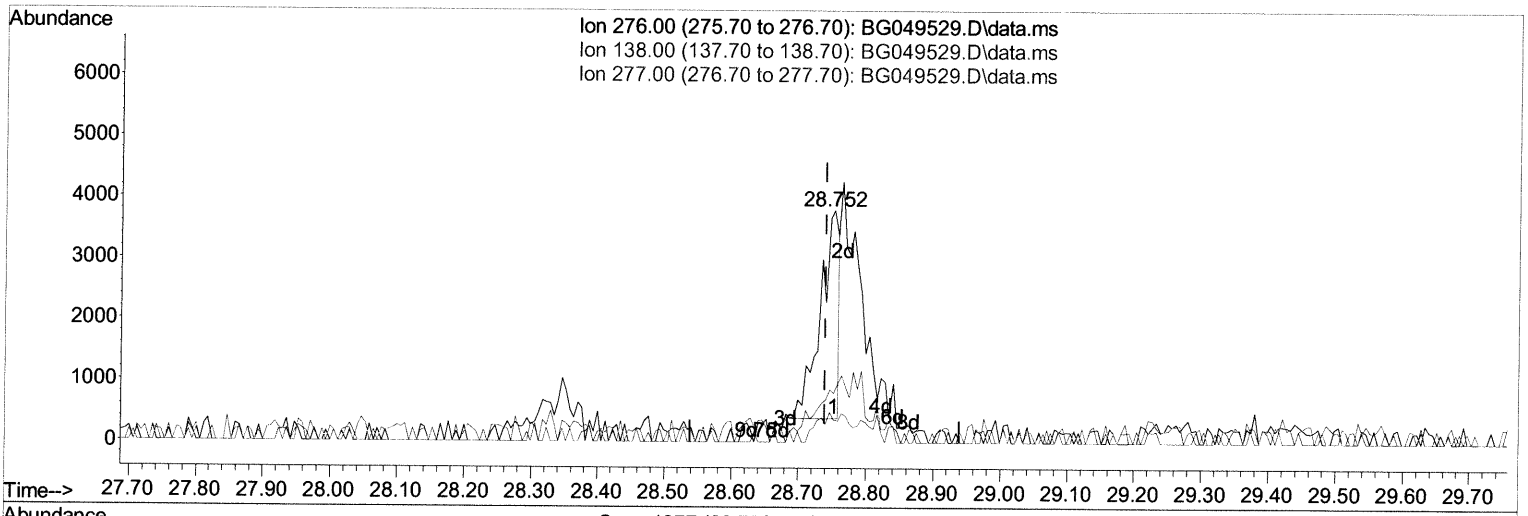

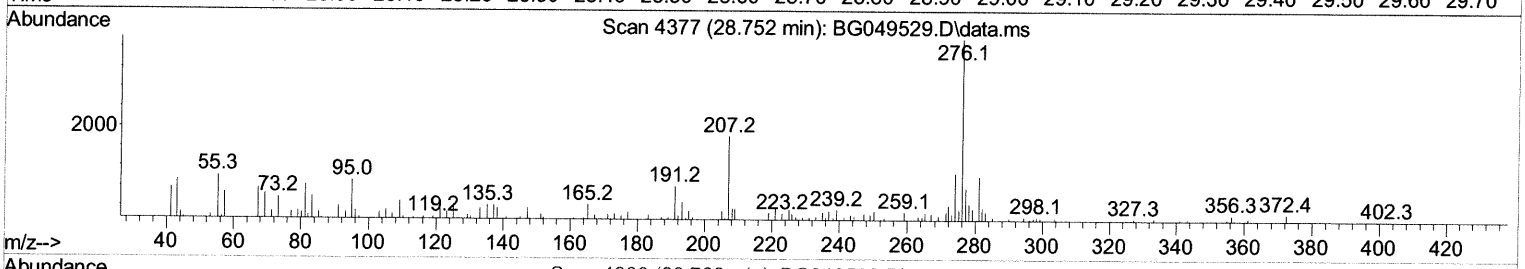

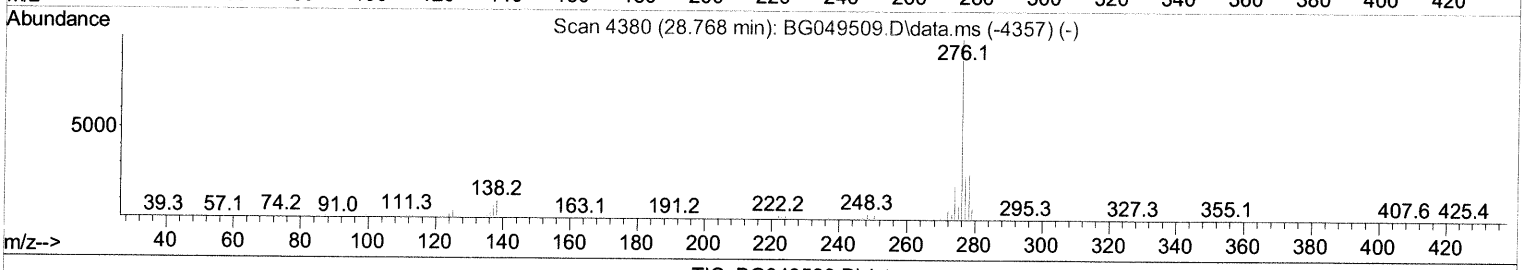

TIC: BG049529.D\data.ms

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

28.752min (+ 0.013) 0.74 ng/ul

response 6508

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	9.79
277.00	24.00	21.02
0.00	0.00	0.00

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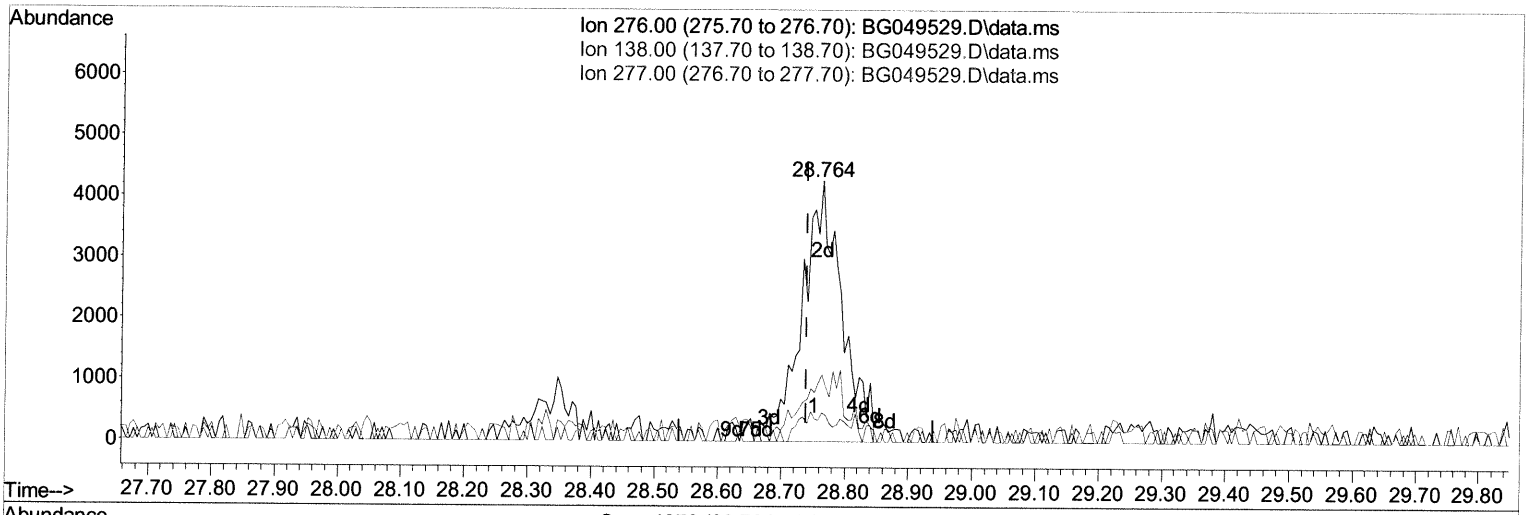

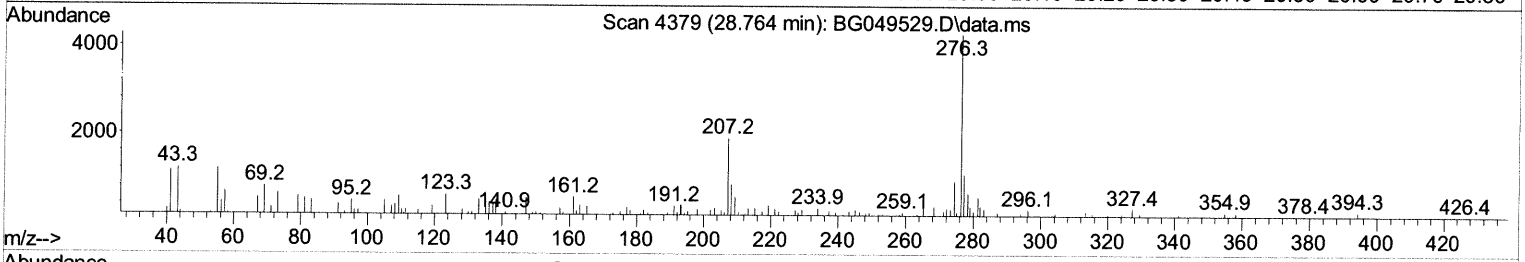

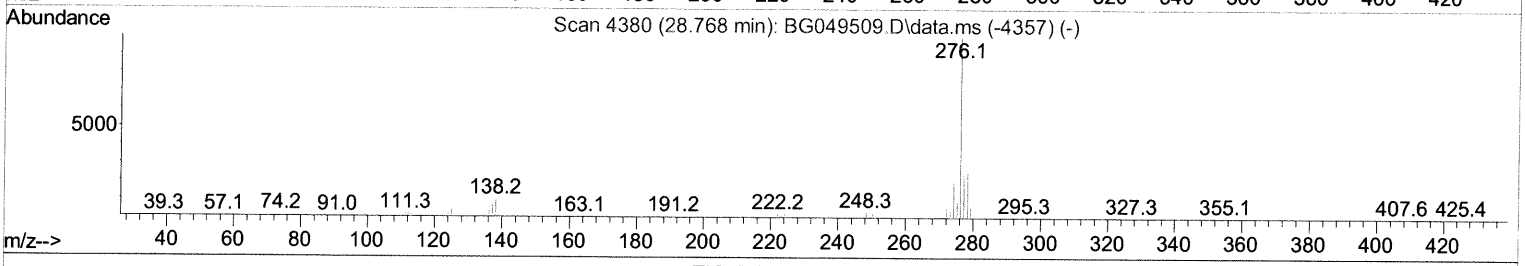

TIC: BG049529.D\data.ms

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

28.764min (+ 0.025) 2.11 ng/ul m 07/30/21 JU

response 18583

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	11.07#
277.00	24.00	25.56
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	8.051	152	22689	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	95603	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	65725	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	139097	20.000	ng/ul	0.00
79) Chrysene-d12	21.732	240	125188	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	126812	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.451	96	585m	1.180	ng/uL	0.01
4) Pyridine-d5	3.874	84	6509	4.570	ng/ul	0.02
7) Phenol-d5	7.205	99	18859	9.395	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	11299	9.938	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	14027	9.748	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	10879	7.190	ng/ul	0.00
21) Nitrobenzene-d5	9.220	128	7003	9.528	ng/ul	0.00
24) 2-Nitrophenol-d4	9.948	143	8009	9.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.494	165	14666	9.362	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	7532	3.450	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	53927	10.711	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	63912	10.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.900	143	6421	7.745	ng/ul	0.01
60) Fluorene-d10	15.693	176	47235	10.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	5441	6.312	ng/ul	0.00
73) Anthracene-d10	17.549	188	75670	11.705	ng/ul	0.00
81) Pyrene-d10	19.835	212	83171	12.993	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.793	264	68892	10.336	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.491	178	48109	6.644	ng/ul	99
74) Anthracene	17.585	178	11866	1.617	ng/ul	93
80) Fluoranthene	19.500	202	86876	11.177	ng/ul	99
82) Pyrene	19.864	202	65253	8.456	ng/ul	97
85) Benzo(a)anthracene	21.709	228	30808	4.025	ng/ul#	94
87) Chrysene	21.773	228	28198	3.849	ng/ul#	90
90) Benzo(b)fluoranthene	23.976	252	34626	4.356	ng/ul#	94
91) Benzo(k)fluoranthene	24.029	252	13941	1.792	ng/ul#	84
93) Benzo(a)pyrene	24.857	252	21017	3.048	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.764	276	18583m	2.112	ng/ul	

07/30/21 JU

07/30/21 JU

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