

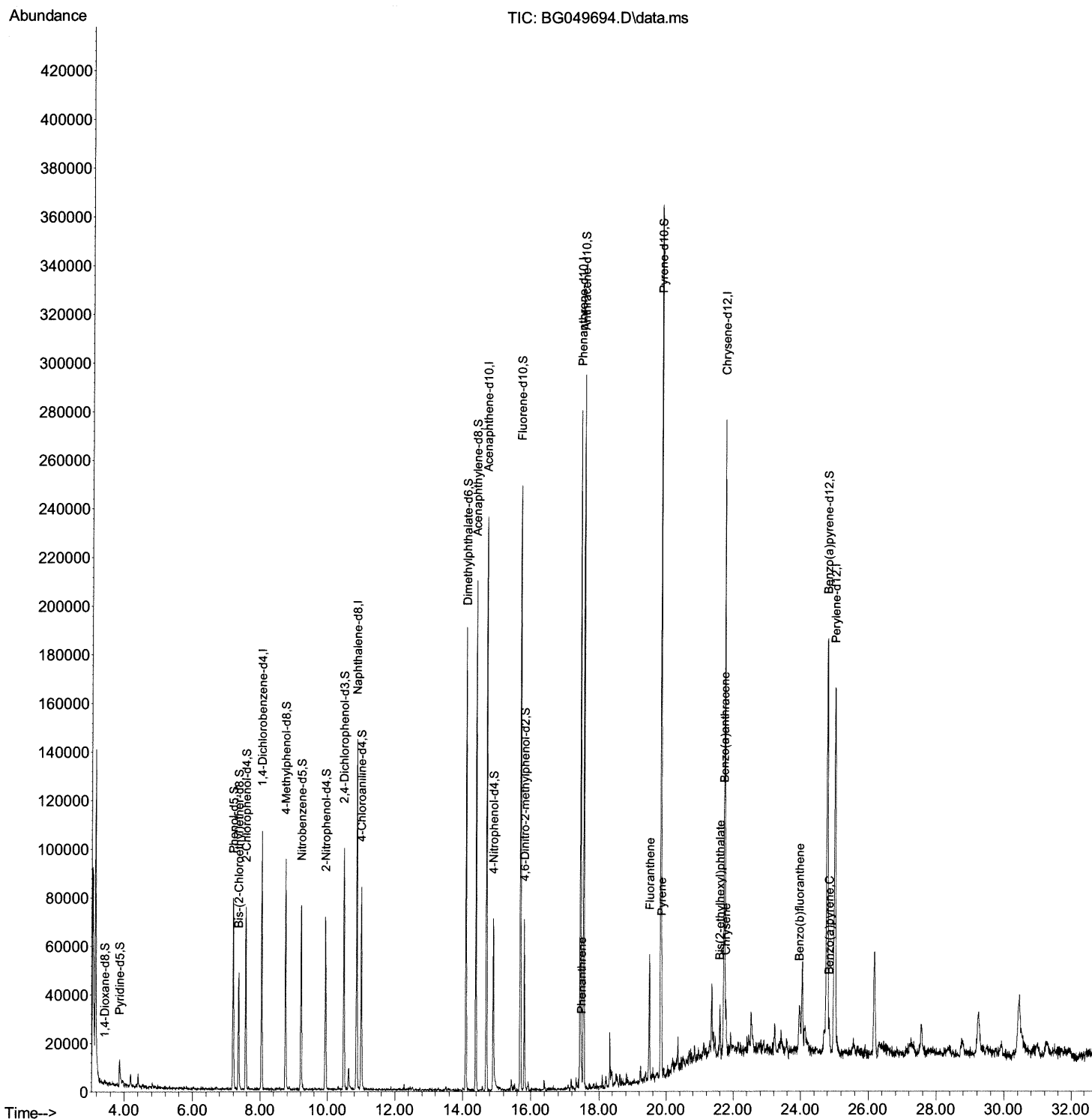
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049694.D
Acq On : 7 Aug 2021 4:03
Operator : CG/JU
Sample : M3124-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0098

Manual Integrations
APPROVED

mohammad
8/9/2021 12:09:57 PM

Quant Time: Aug 07 06:44:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

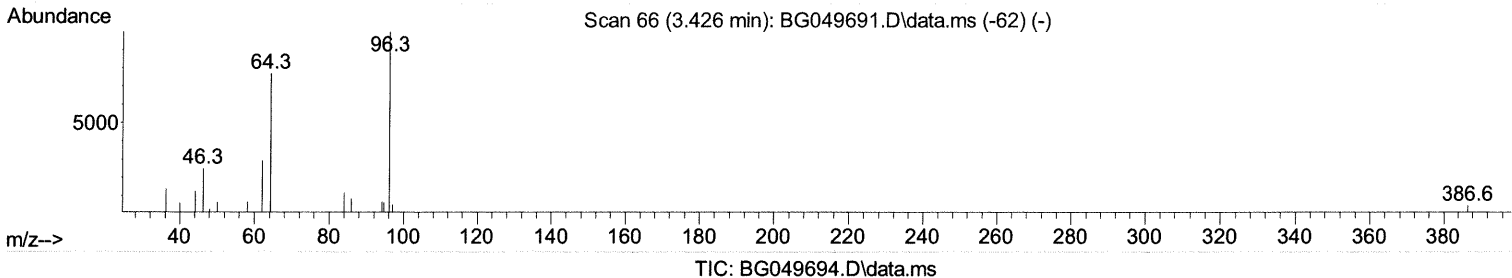
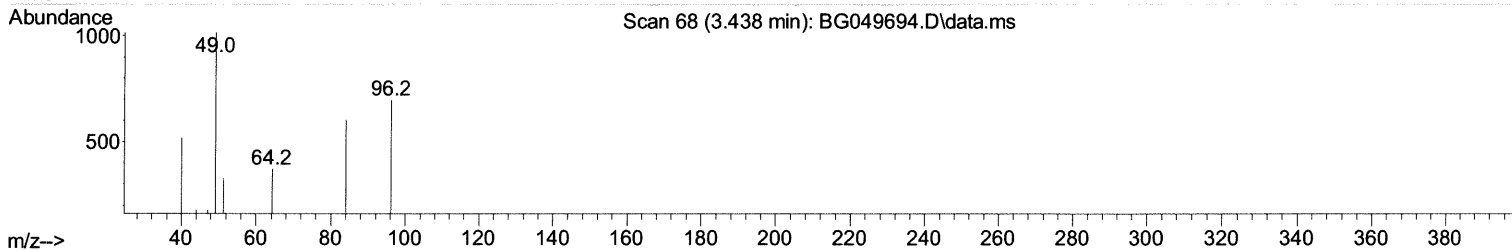
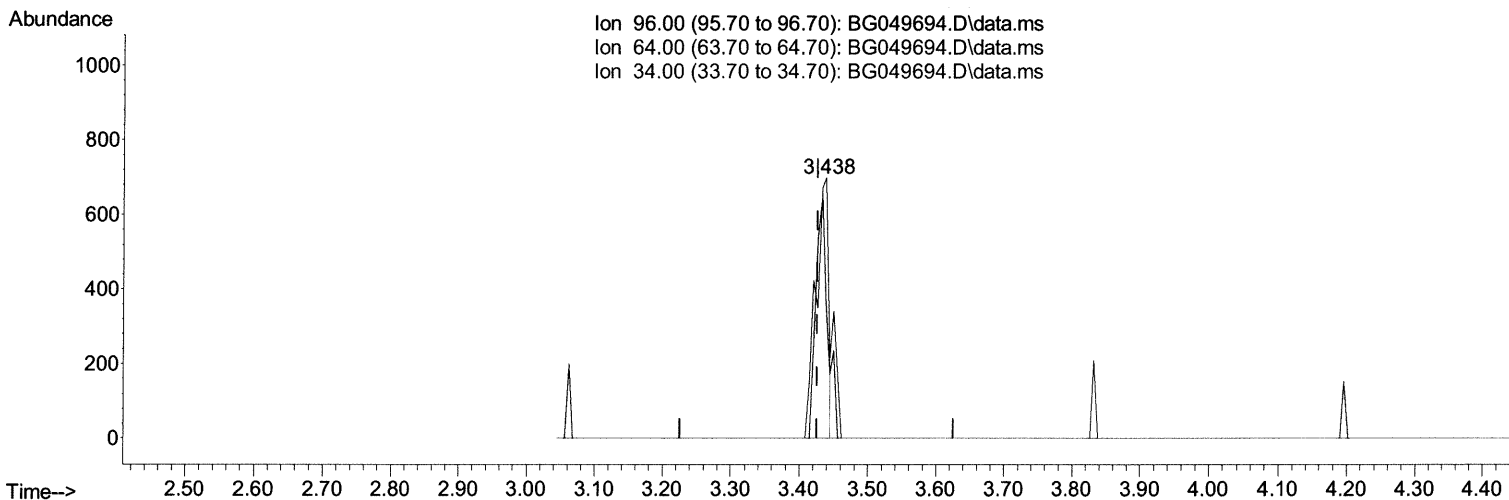
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(3) 1,4-Dioxane-d8 (S)

3.438min (+ 0.012) 1.50 ng/uL

response 887

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	53.15#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

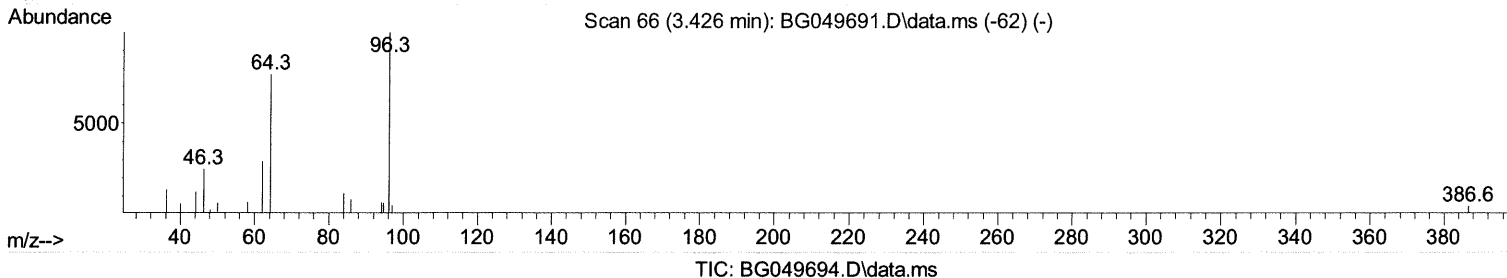
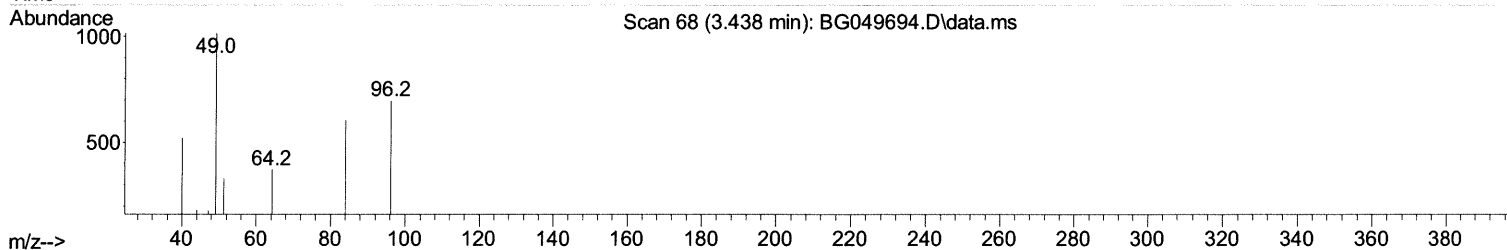
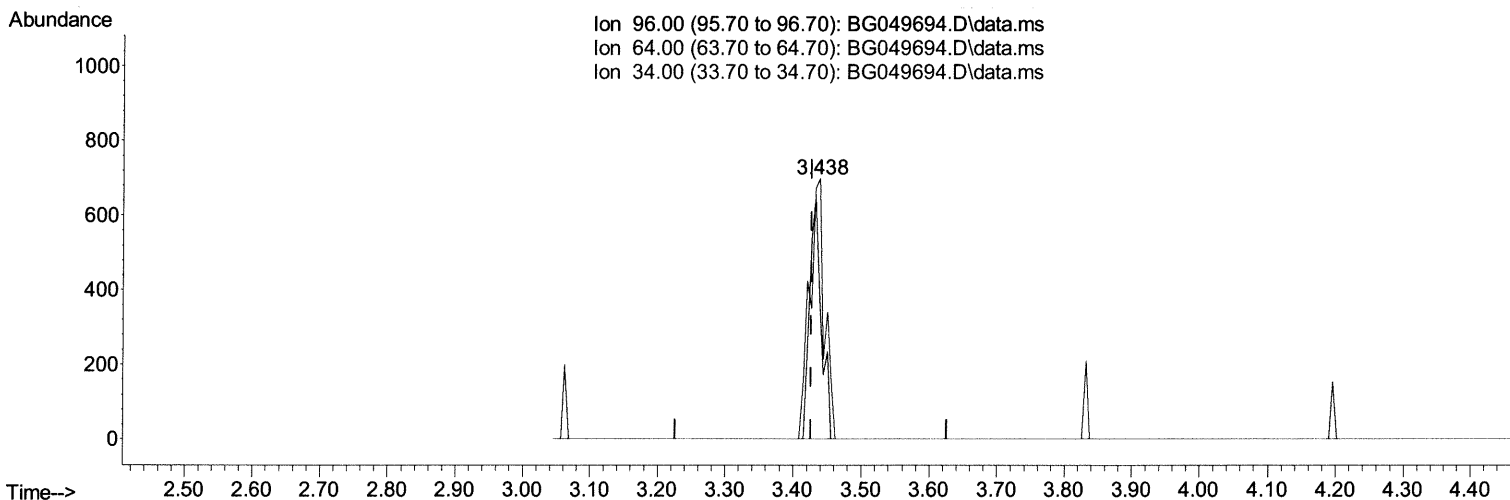
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(3) 1,4-Dioxane-d8 (S)

3.438min (+ 0.012) 1.80 ng/uL m 08/11/21JU

response 1064

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	53.15#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

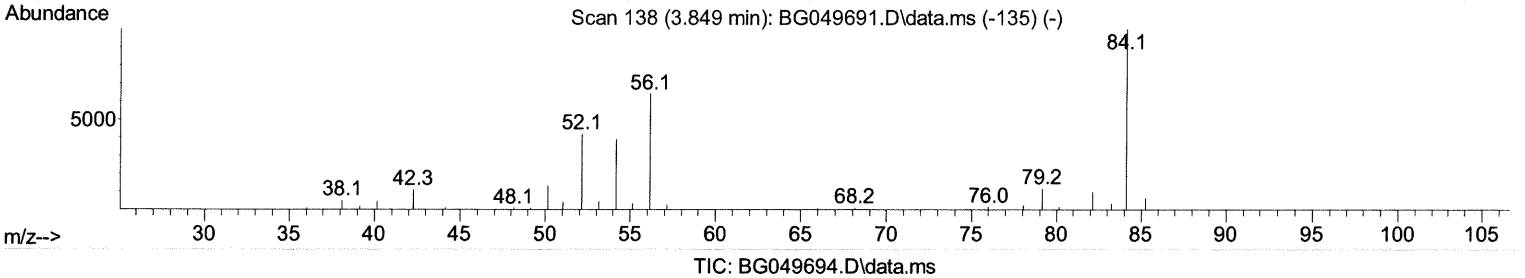
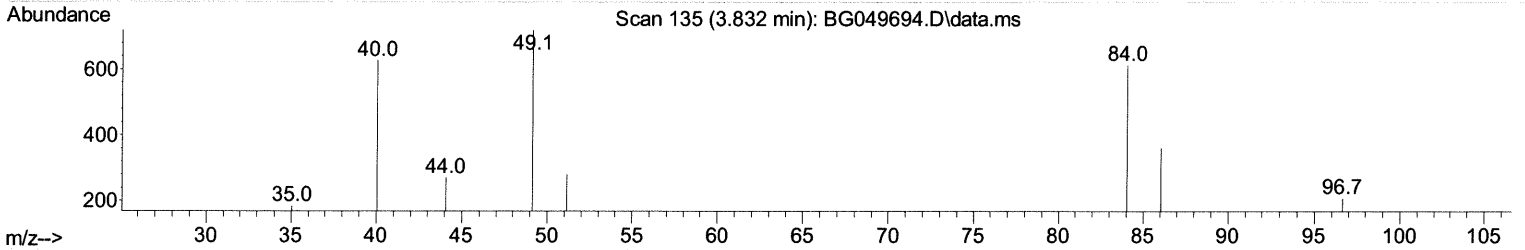
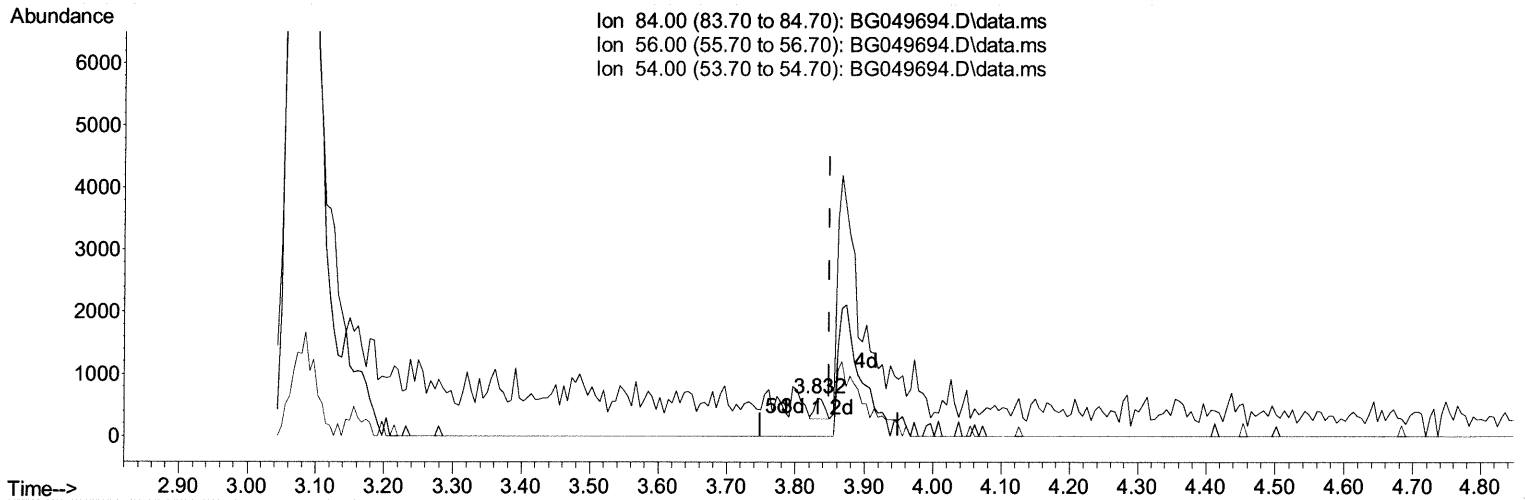
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(4) Pyridine-d5 (S)

3.832min (-0.017) 0.19 ng/ul

response 333

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	0.00#
54.00	36.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

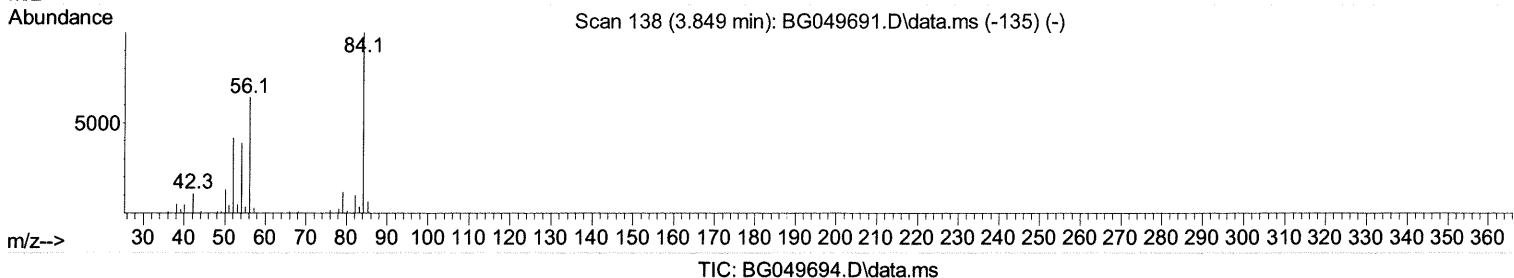
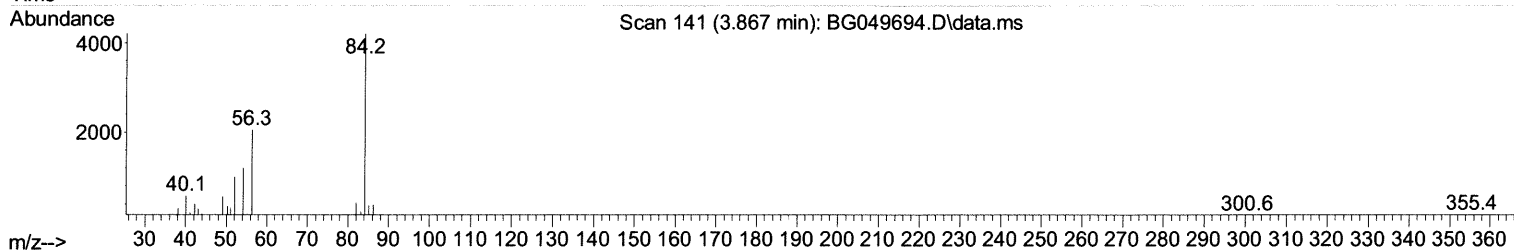
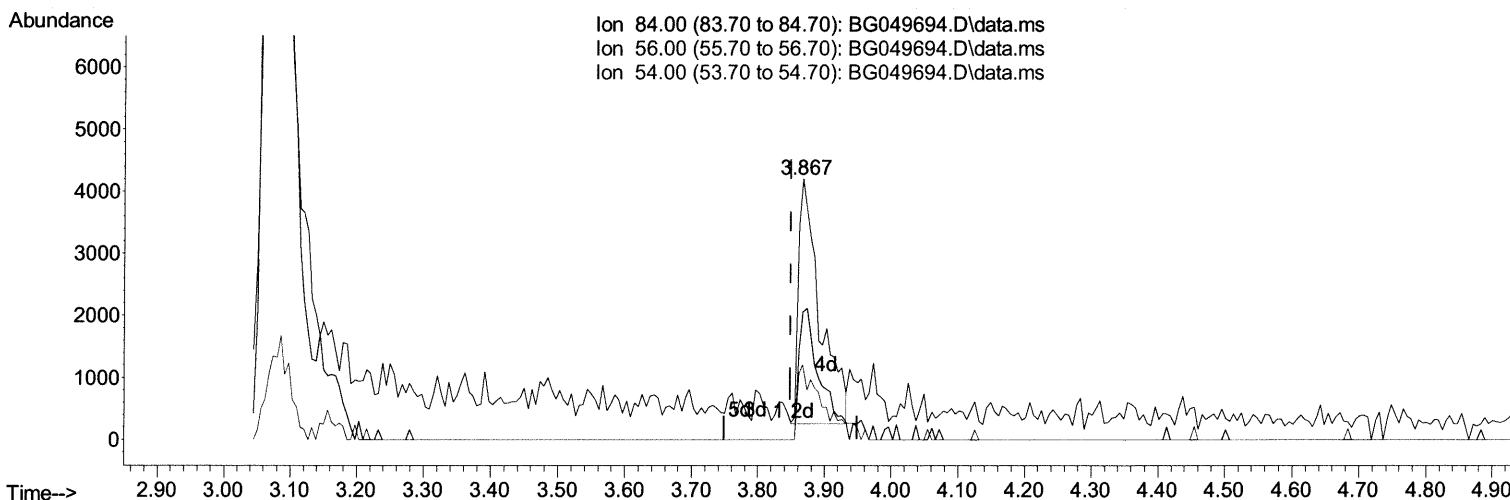
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(4) Pyridine-d5 (S)

3.867min (+ 0.018) 4.93 ng/ul m 08/11/21 JU

response 8760

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	48.90
54.00	36.30	28.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

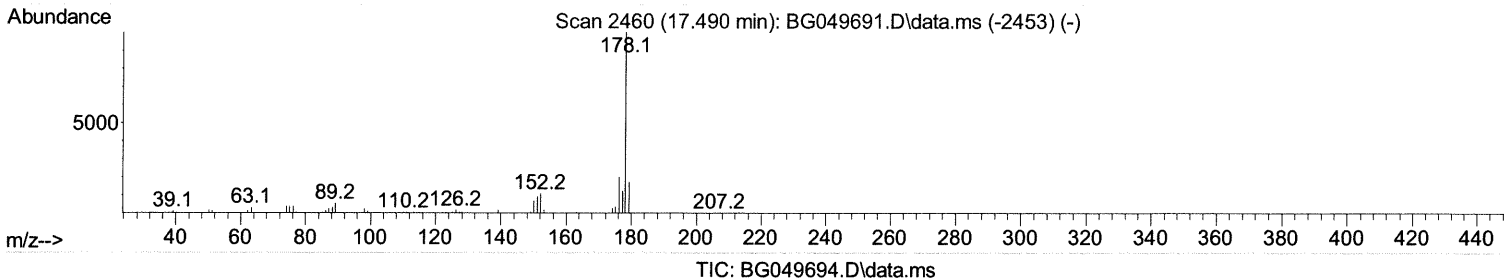
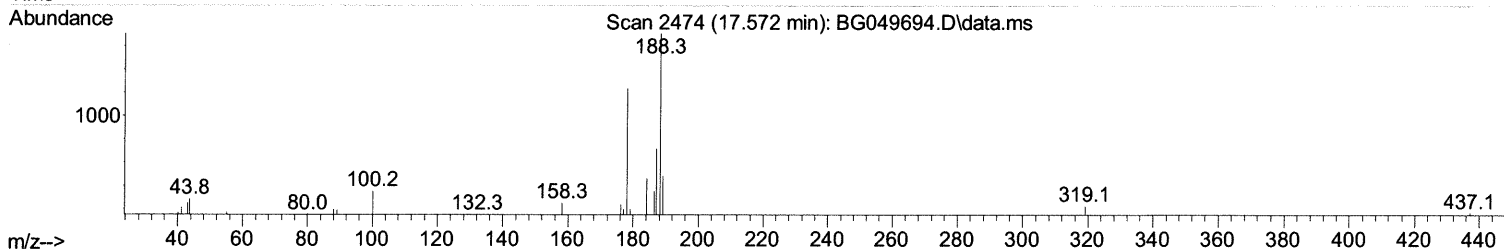
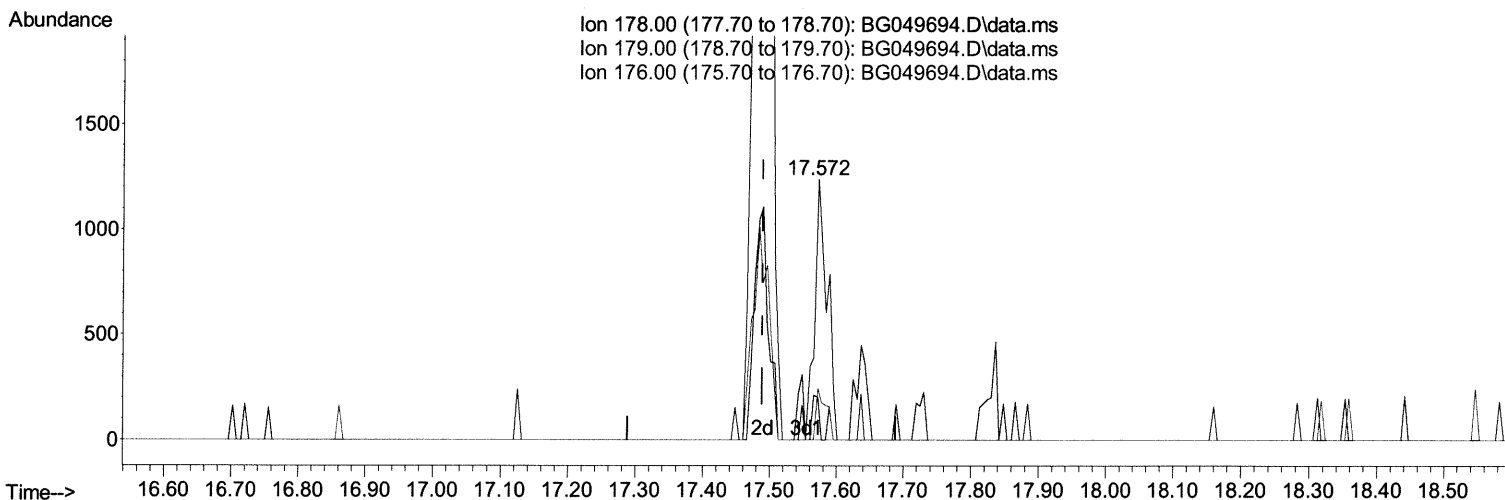
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049694.D
 Acq On : 7 Aug 2021 4:03
 Operator : CG/JU
 Sample : M3124-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(72) Phenanthrene

17.572min (+ 0.083) 0.18 ng/ul

response 1605

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	16.07
176.00	19.30	19.63
0.00	0.00	0.00

Quantitation Report (Qedit)

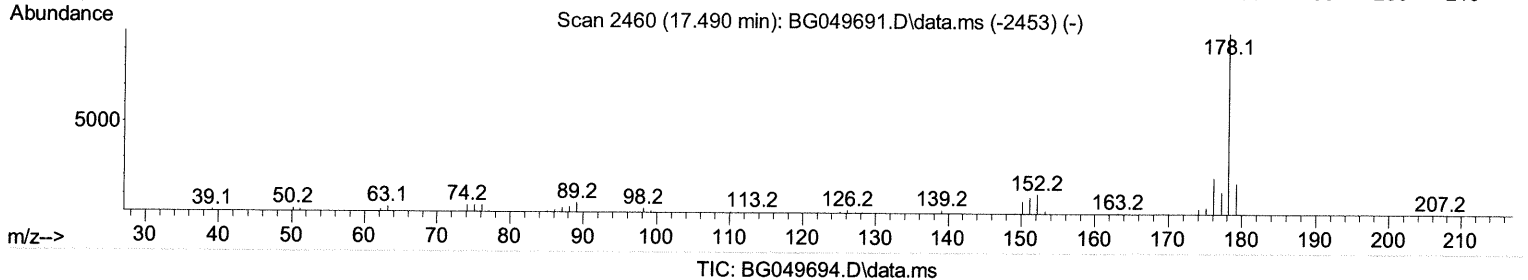
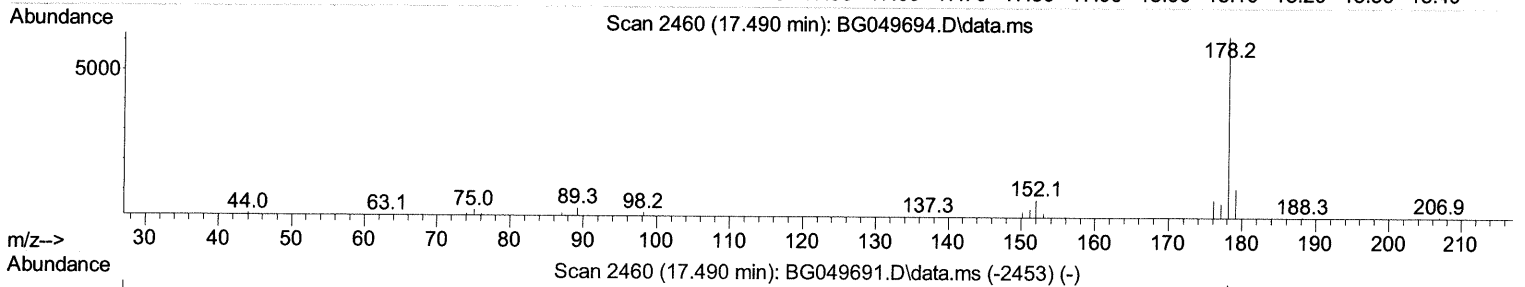
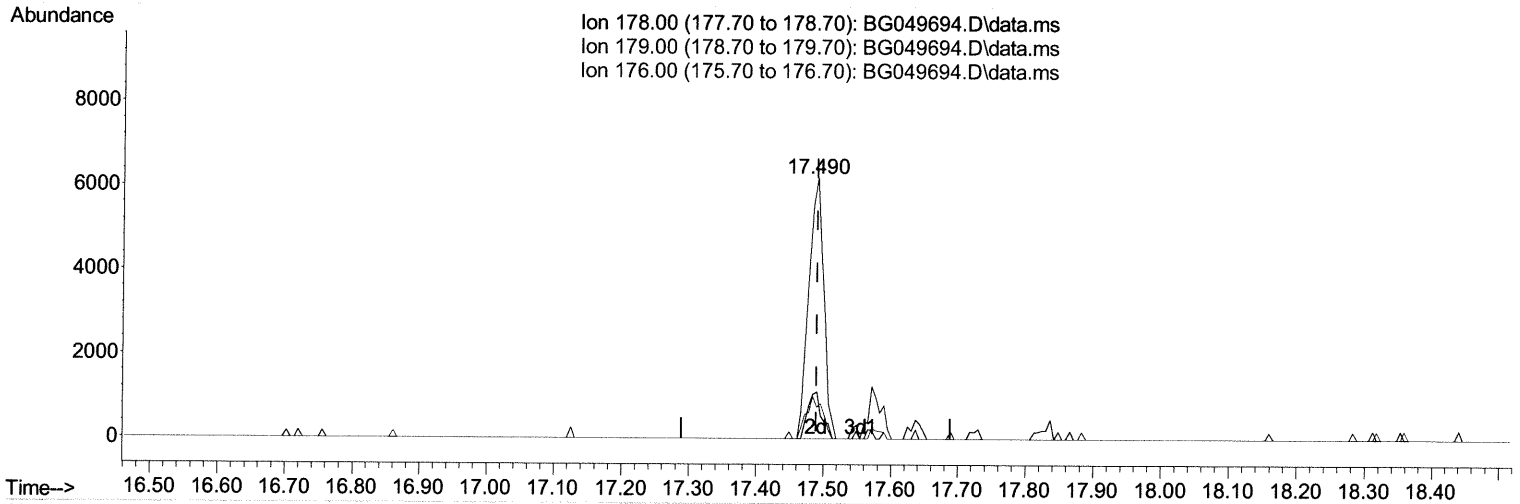
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049694.D
 Acq On : 7 Aug 2021 4:03
 Operator : CG/JU
 Sample : M3124-18
 Misc :
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Manual Integrations
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mohammad
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TIC: BG049694.D\data.ms

(72) Phenanthrene

17.490min (+ 0.000) 1.06 ng/ul m 08/11/2021

response 9621

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	17.87
176.00	19.30	12.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

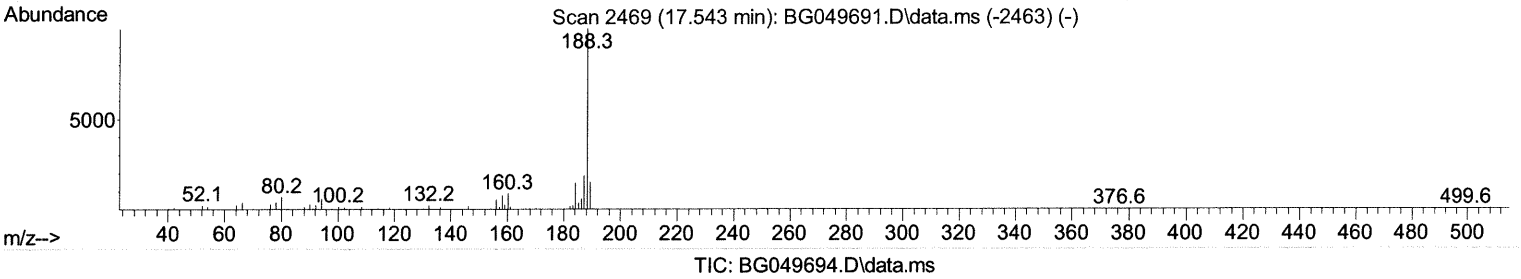
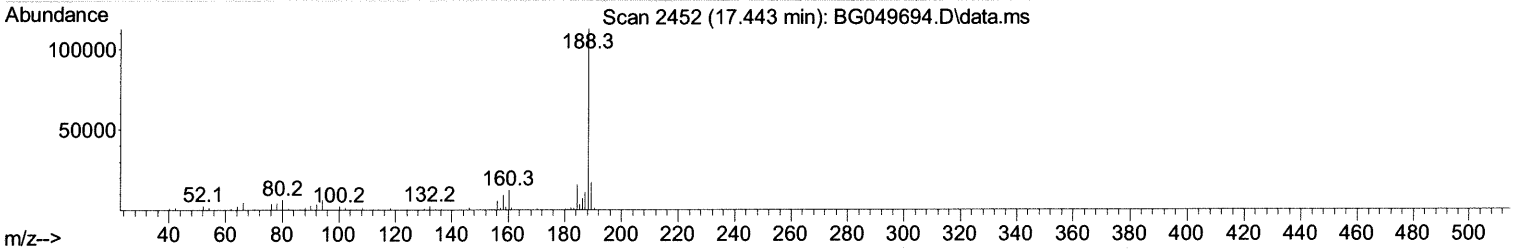
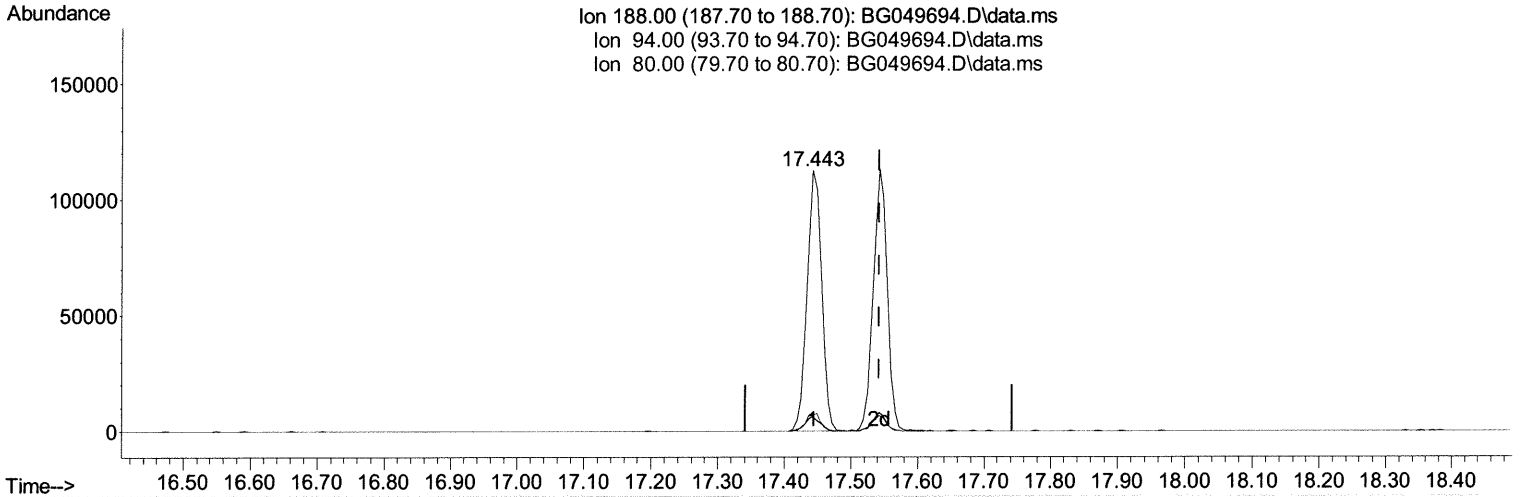
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(73) Anthracene-d10 (S)

17.443min (-0.099) 21.18 ng/ul

response 171645

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.56
80.00	6.00	5.76
0.00	0.00	0.00

Quantitation Report (Qedit)

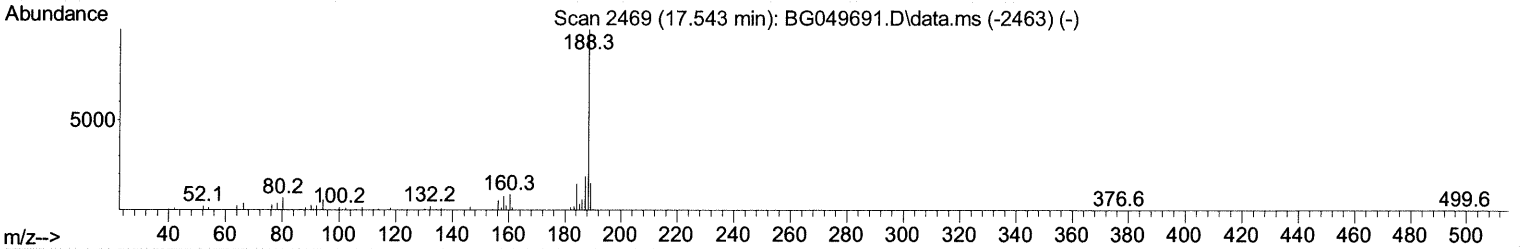
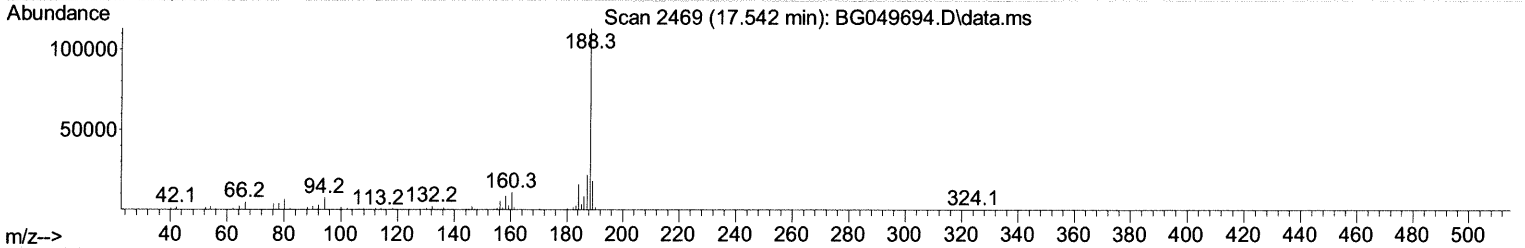
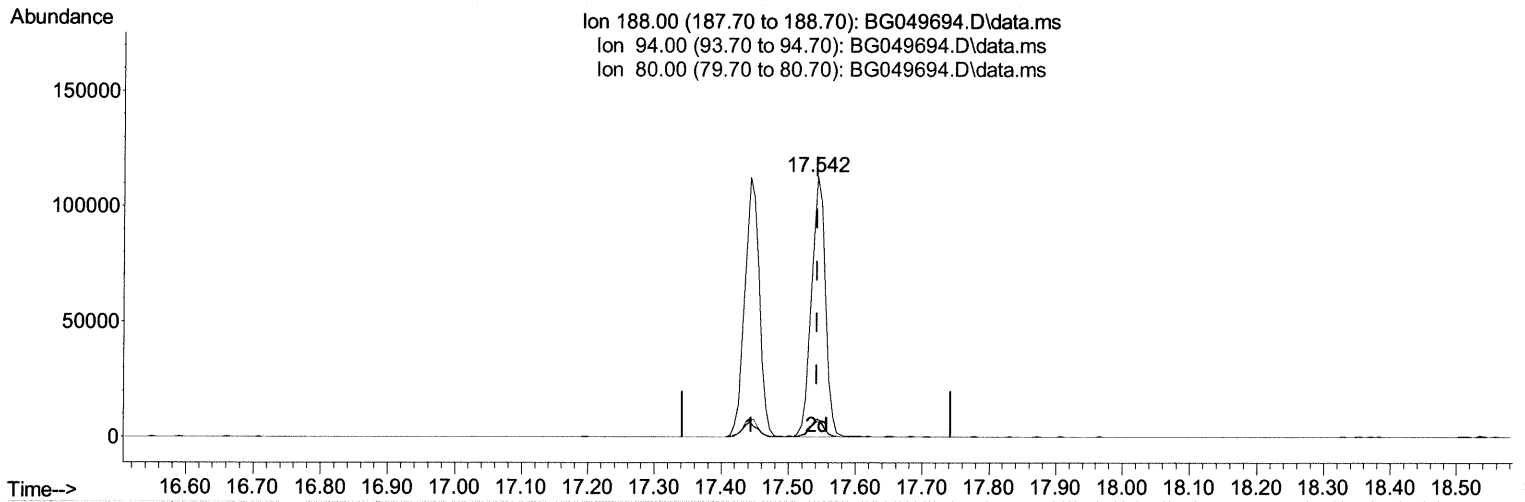
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG049694.D\data.ms

(73) Anthracene-d10 (S)

17.542min (+ 0.001) 20.33 ng/ul m 08/11/21 JU

response 164681

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	6.83#
80.00	6.00	5.81
0.00	0.00	0.00

Quantitation Report (Qedit)

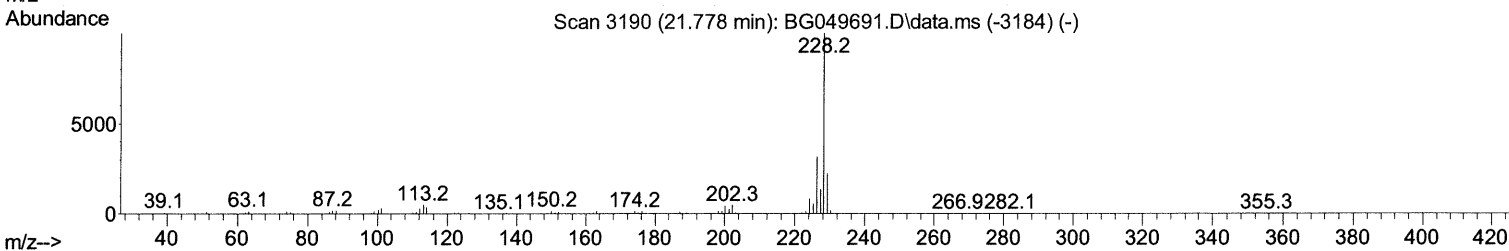
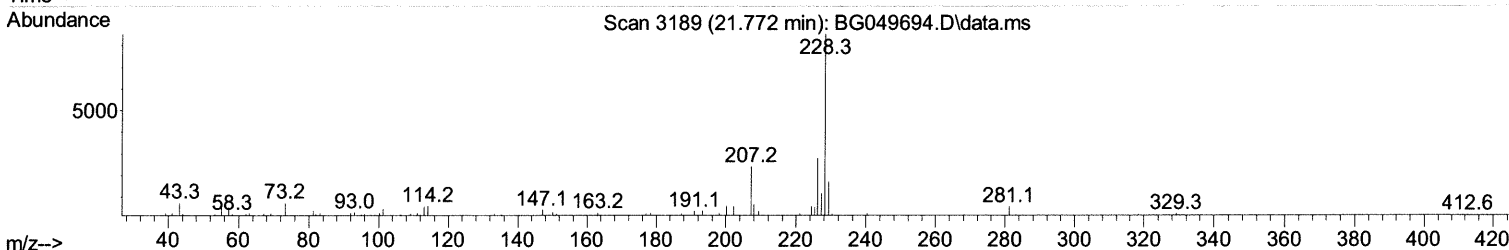
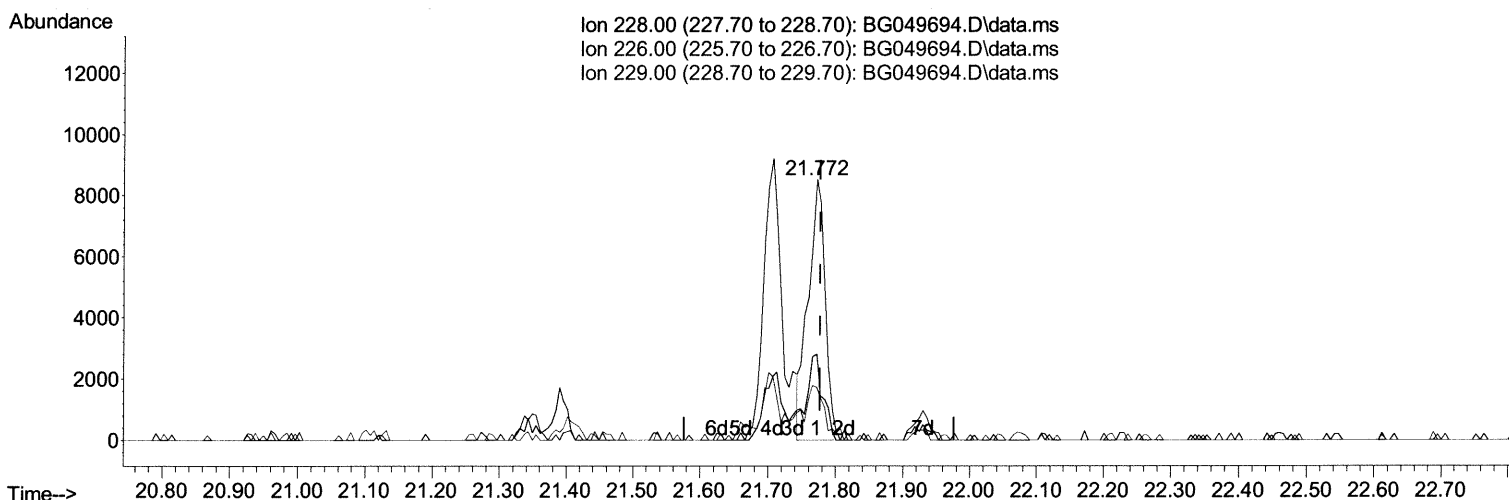
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TIC: BG049694.D\data.ms

(87) Chrysene

21.772min (-0.005) 1.57 ng/ul

response 14881

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	32.82
229.00	19.30	20.12
0.00	0.00	0.00

Quantitation Report (Qedit)

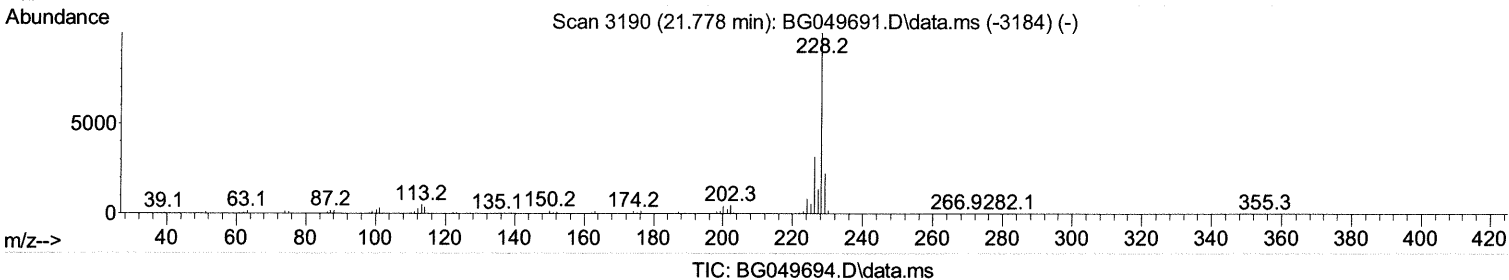
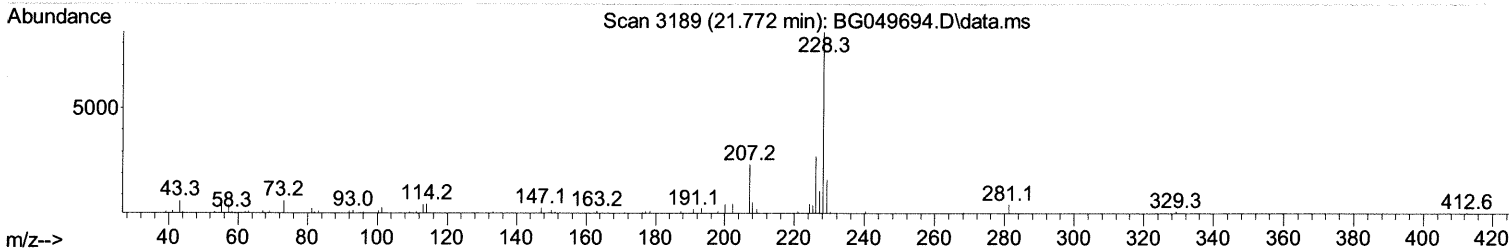
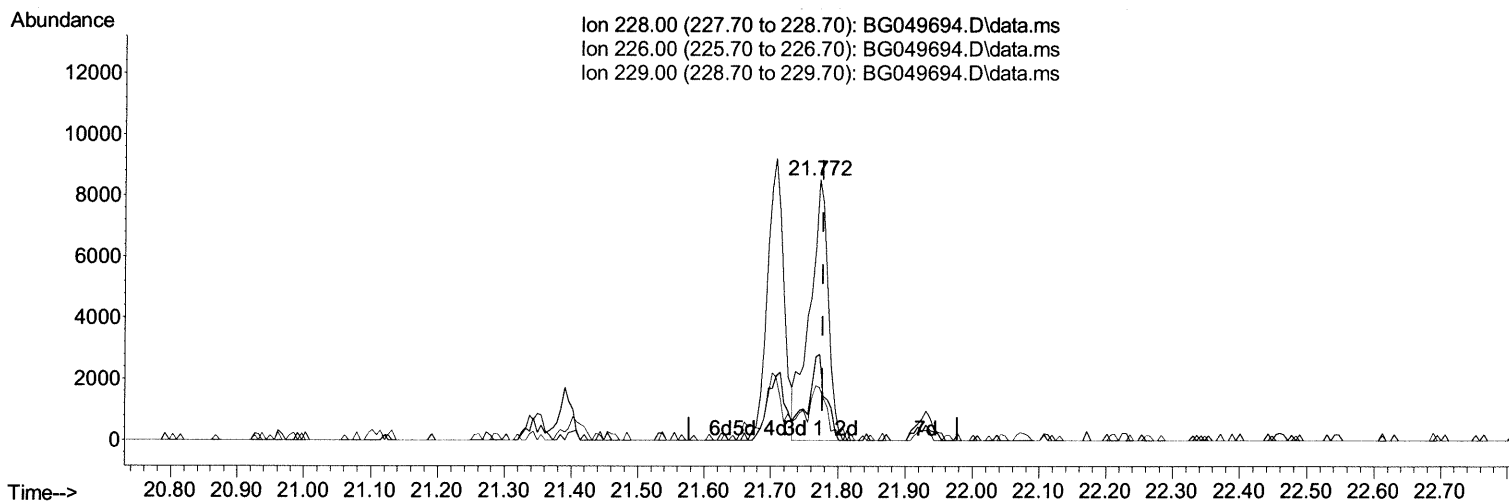
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(87) Chrysene

21.772min (-0.005) 1.73 ng/ul m 08/11/2021

response 16422

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	32.82
229.00	19.30	20.12
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	8.043	152	27671	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	114347	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	79624	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	171645	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.725	240	154558	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	158188	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	1064m	1.798	ng/ul	0.01
4) Pyridine-d5	3.867	84	8760m	4.932	ng/ul	0.02
7) Phenol-d5	7.198	99	42314	16.849	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	22654	15.705	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	32516	18.091	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	33805	17.655	ng/ul	0.00
21) Nitrobenzene-d5	9.213	128	17062	18.942	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	20218	19.655	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	34816	17.950	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	45054	16.967	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	121895	19.508	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	142081	19.112	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	15941	15.779	ng/ul	0.00
60) Fluorene-d10	15.686	176	102824	19.144	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	16455	14.244	ng/ul	0.00
73) Anthracene-d10	17.542	188	164681m	20.325	ng/ul	> 0.00
81) Pyrene-d10	19.828	212	197835	23.231	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	192395	22.197	ng/ul	0.00
Target Compounds						
72) Phenanthrene	17.490	178	9621m	1.059	ng/ul	> 0.00
80) Fluoranthene	19.499	202	31318	2.980	ng/ul#	97
82) Pyrene	19.857	202	26713	2.548	ng/ul#	95
85) Benzo(a)anthracene	21.707	228	15916	1.568	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.596	149	7634	1.305	ng/ul#	91
87) Chrysene	21.772	228	16422m	1.733	ng/ul	> 0.00
90) Benzo(b)fluoranthene	23.957	252	22174	2.145	ng/ul#	98
93) Benzo(a)pyrene	24.844	252	13980	1.536	ng/ul#	91

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