

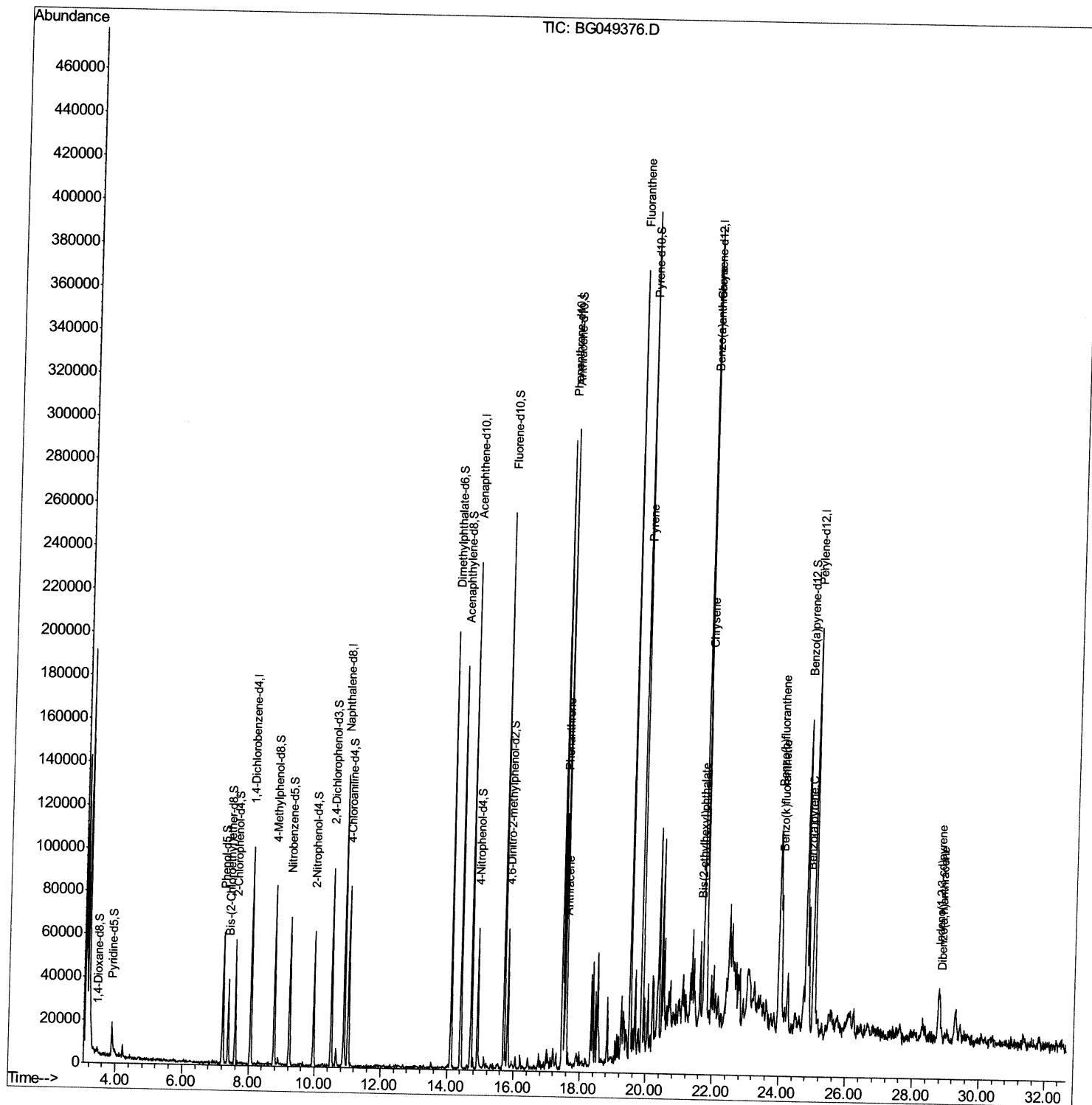
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEA1

Manual Integrations
APPROVED

mohammad
7/19/2021 11:53:14 AM

Quant Time: Jul 16 14:01:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 12:41:10 2021
Response via : Initial Calibration



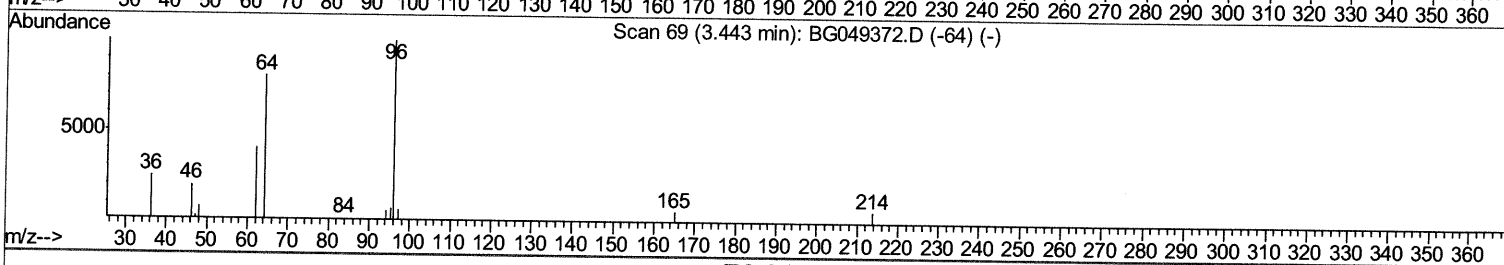
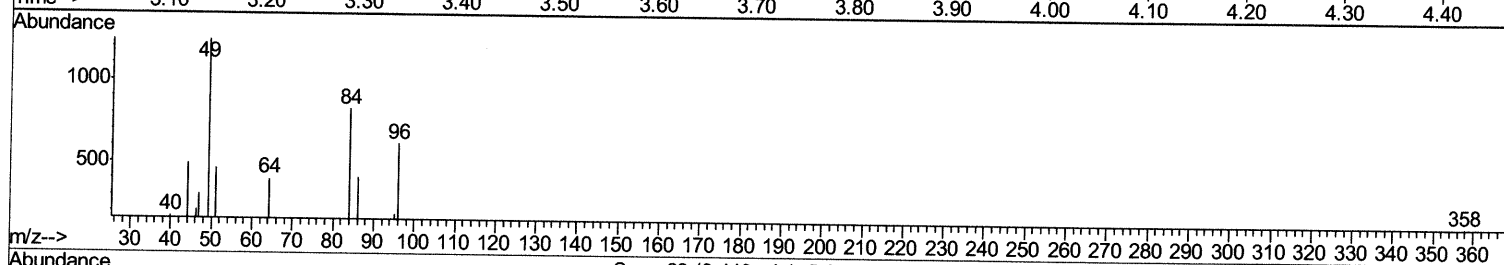
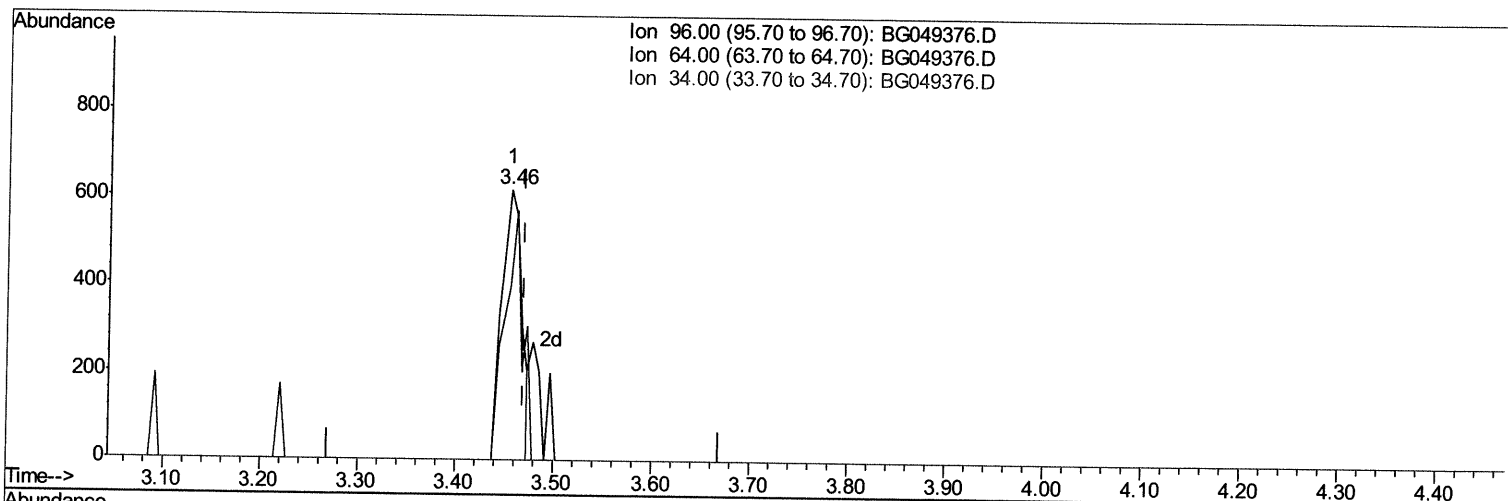
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
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TIC: BG049376.D

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

3.455min (-0.014) 1.55ng/uL

response 880

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	64.18
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

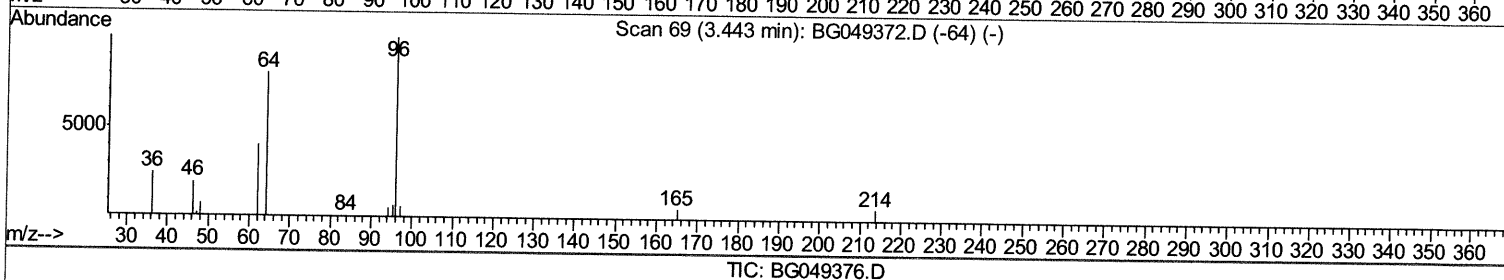
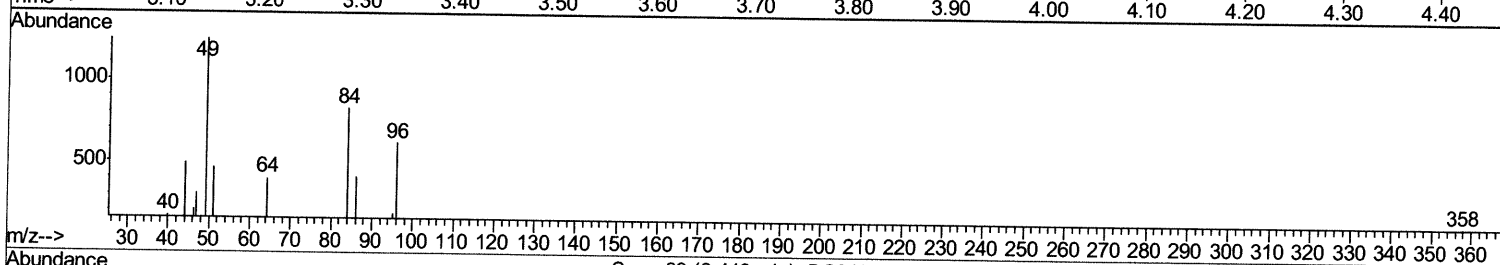
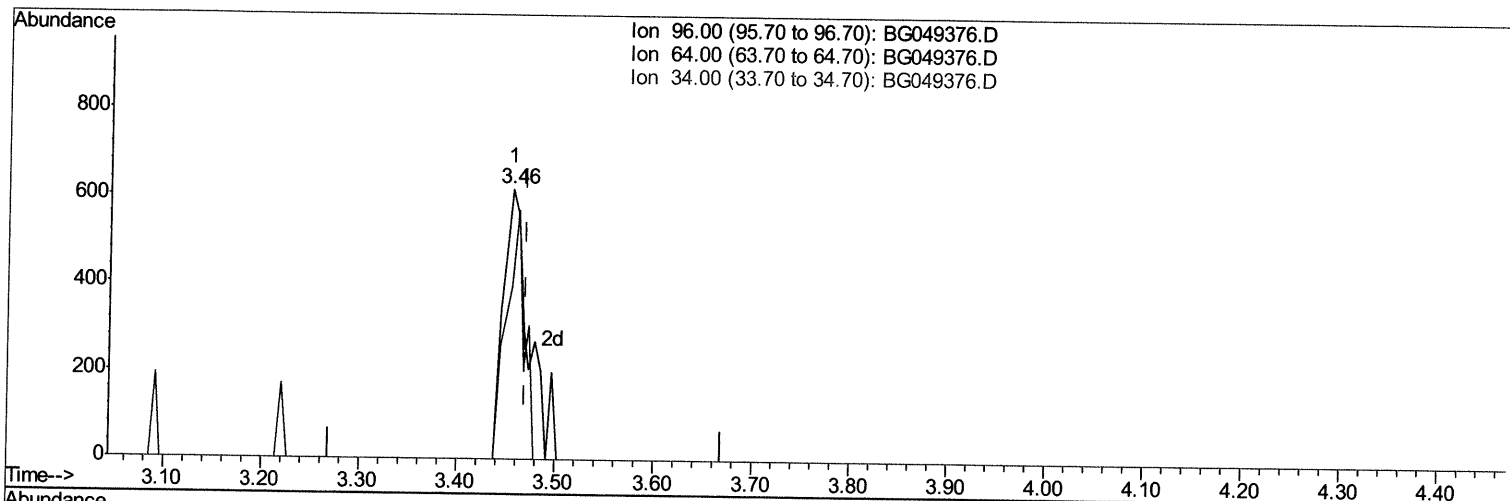
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049376.D
 Acq On : 16 Jul 2021 13:22
 Operator : CG/JU
 Sample : M2970-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG049376.D

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

3.455min (-0.014) 1.84ng/uL m 07/22/21 JU

response 1046

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	64.18
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

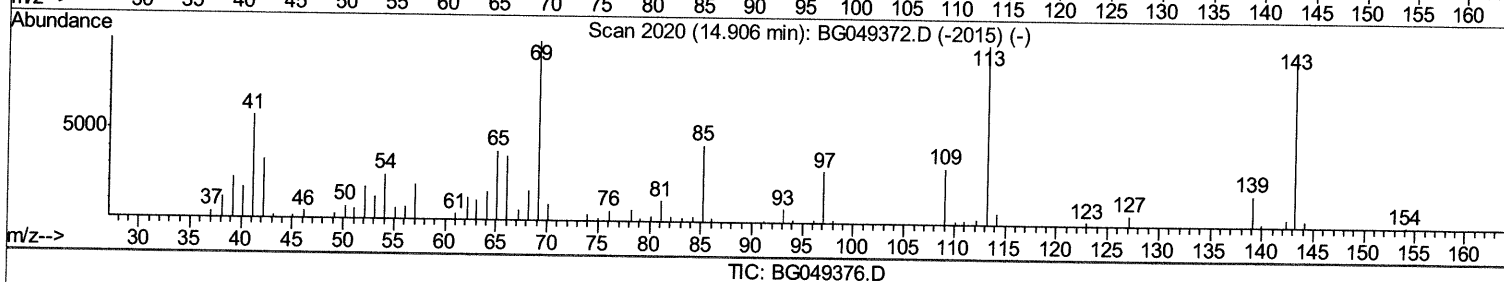
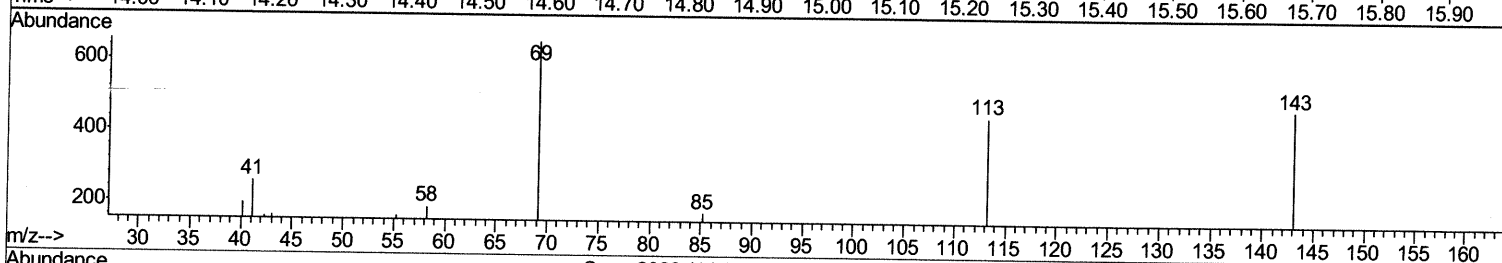
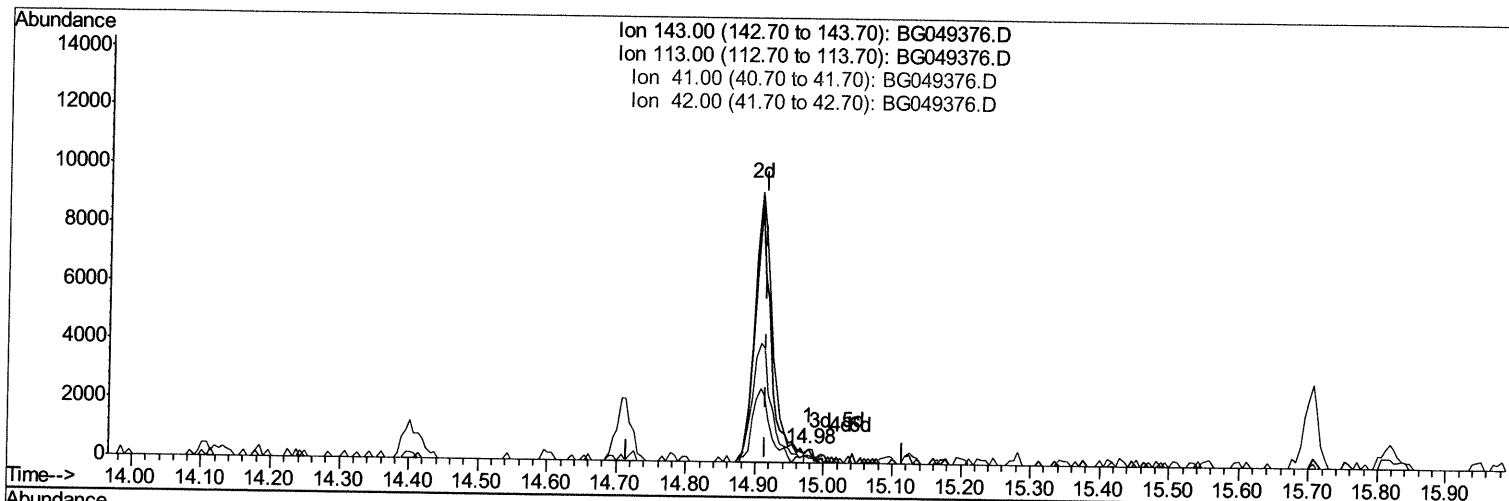
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
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TIC: BG049376.D

(54) 4-Nitrophenol-d4 (S)

14.977min (+0.062) 0.31ng/ul

response 319

Ion	Exp%	Act%
143.00	100	100
113.00	103.00	94.33
41.00	53.60	53.99
42.00	38.30	33.19

Quantitation Report (Qedit)

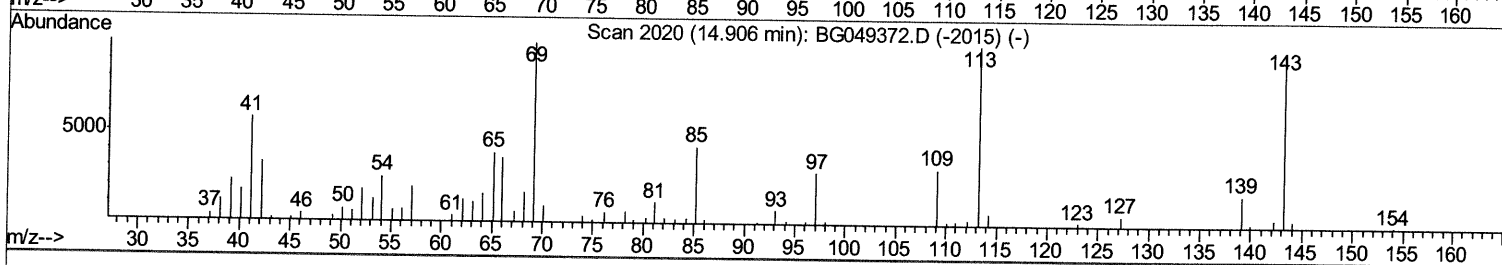
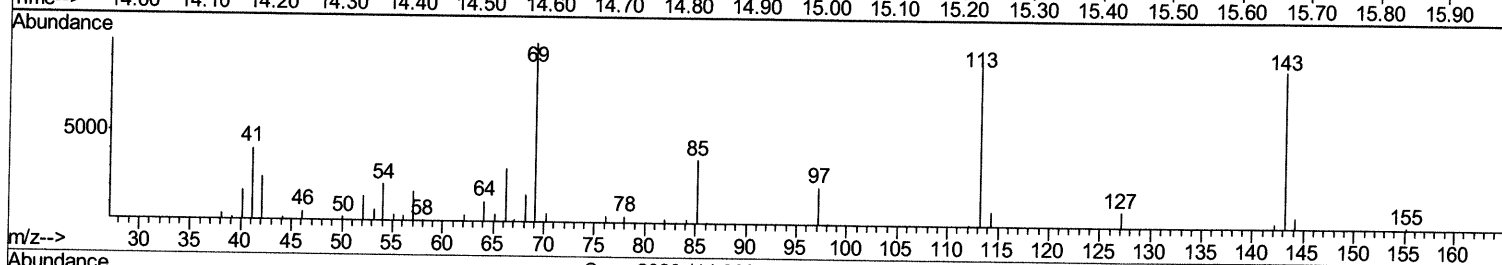
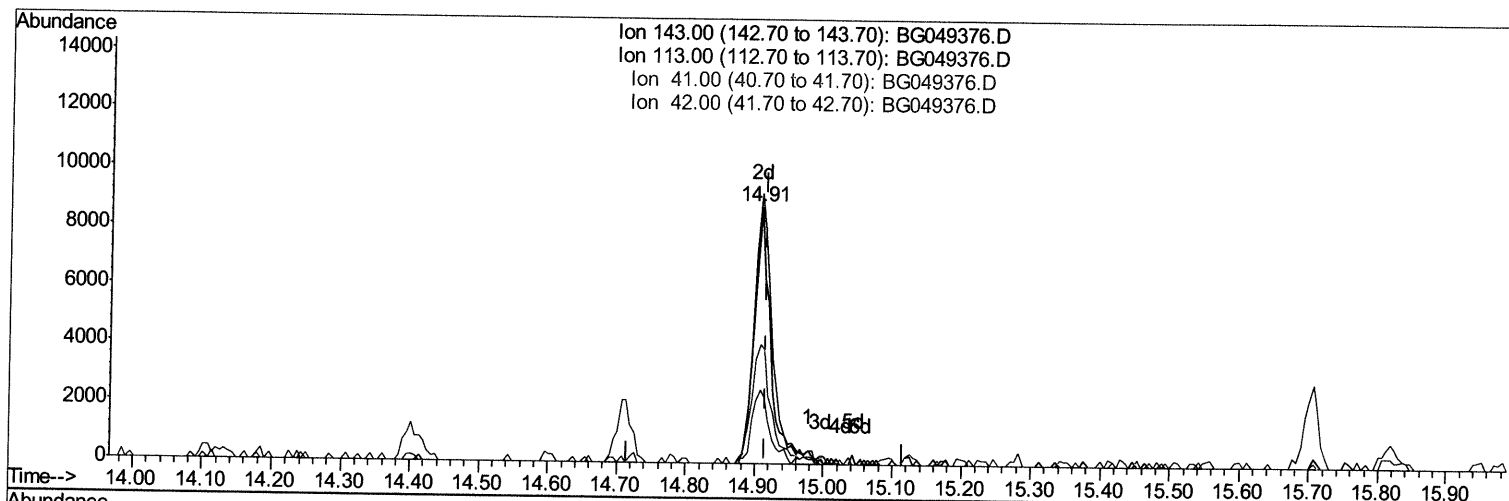
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049376.D
 Acq On : 16 Jul 2021 13:22
 Operator : CG/JU
 Sample : M2970-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG049376.D

(54) 4-Nitrophenol-d4 (S)

14.907min (-0.008) 13.71ng/ul m 07/22/21 JU

response 14308

Ion	Exp%	Act%
143.00	100	100
113.00	103.00	105.03
41.00	53.60	46.46
42.00	38.30	28.71#

Quantitation Report (Qedit)

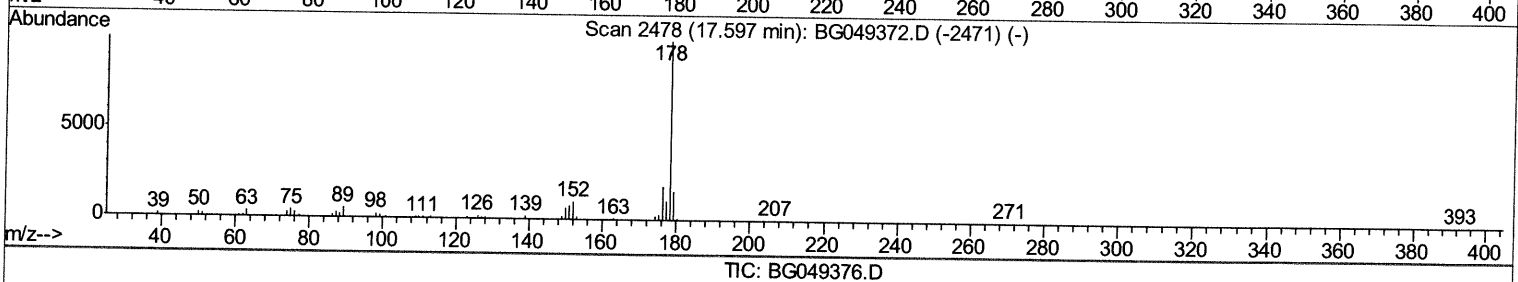
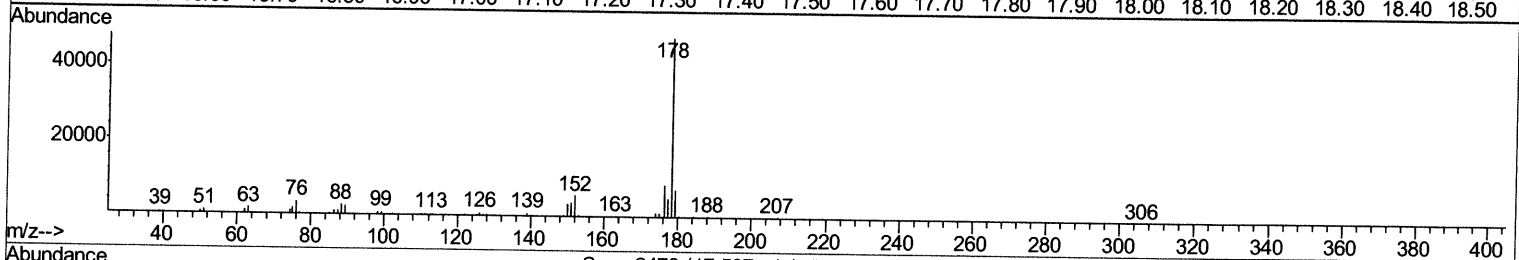
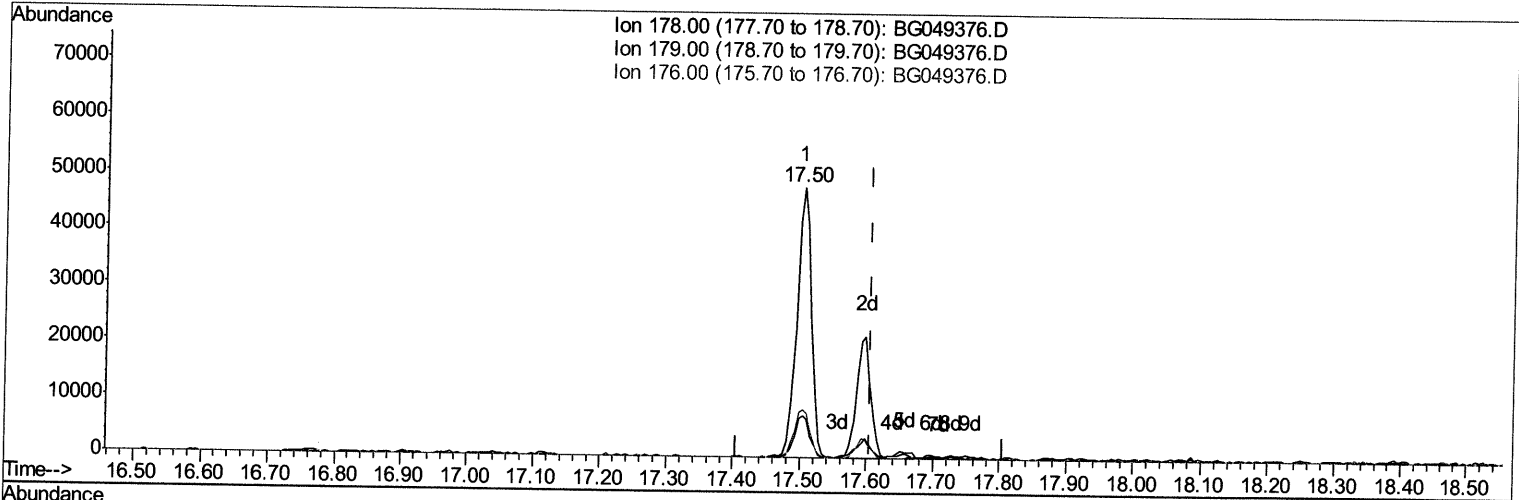
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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(74) Anthracene

17.504min (-0.102) 7.75ng/ul

response 72571

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	15.34
176.00	19.50	17.77
0.00	0.00	0.00

Quantitation Report (Qedit)

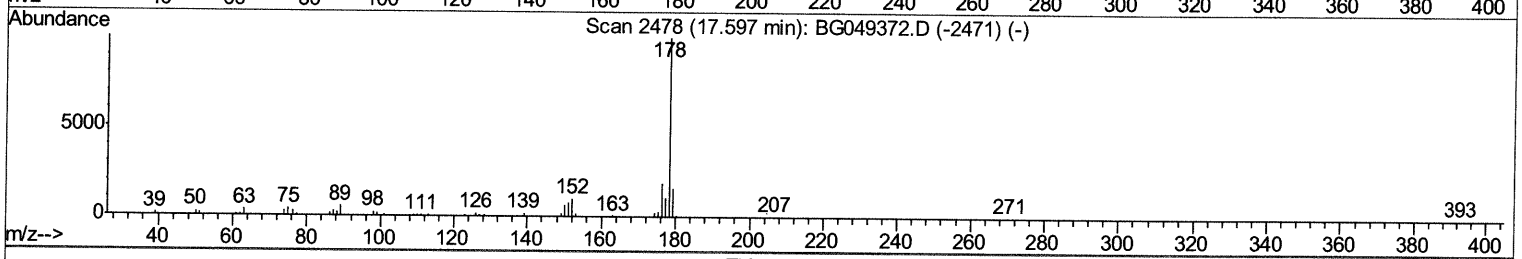
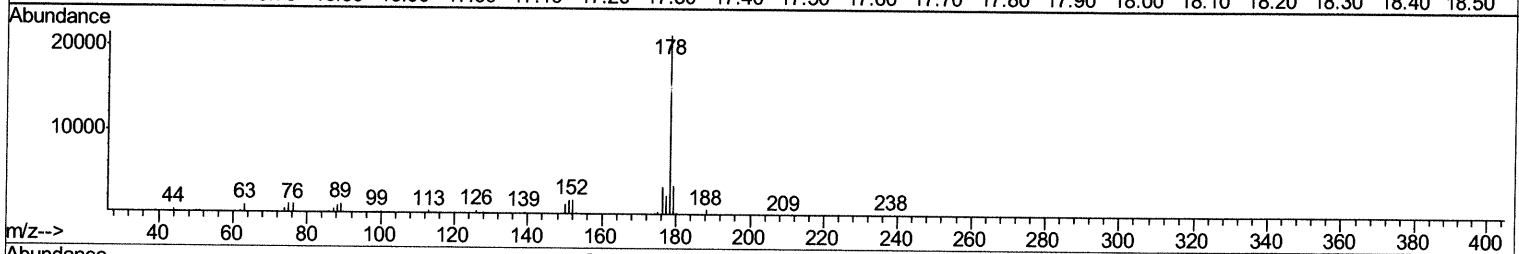
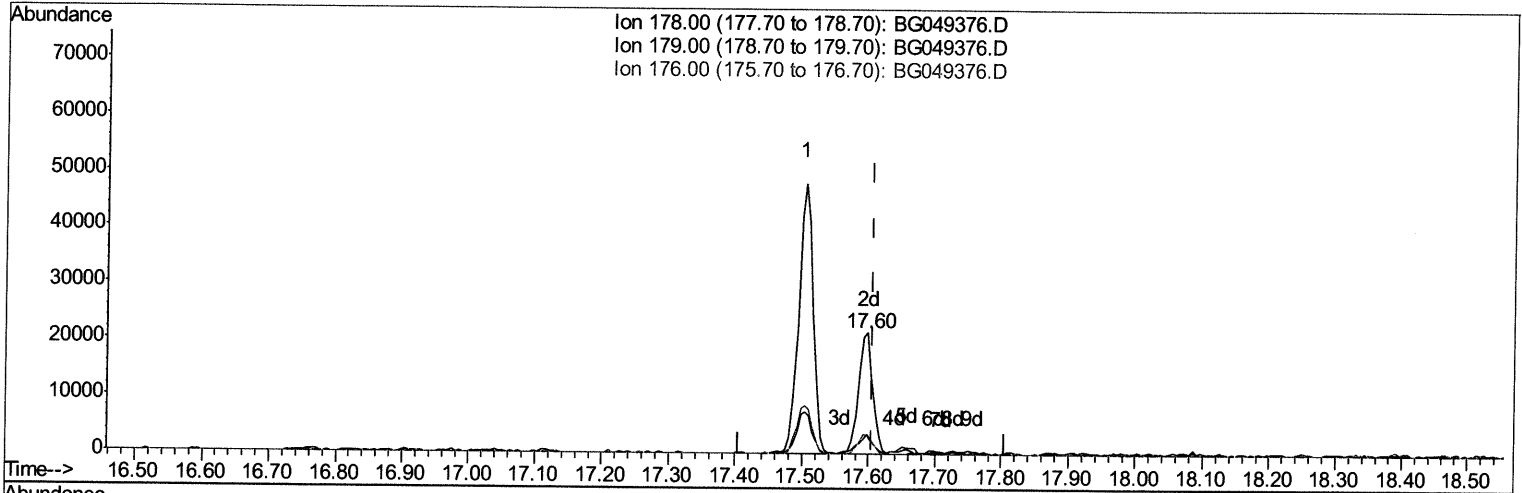
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEA1

Manual Integrations
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TIC: BG049376.D

(74) Anthracene

17.598min (-0.008) 3.46ng/ul m 07/22/21JU

response 32383

Ion	Exp%	Act%
178.00	100	100
179.00	15.90	16.53
176.00	19.50	15.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

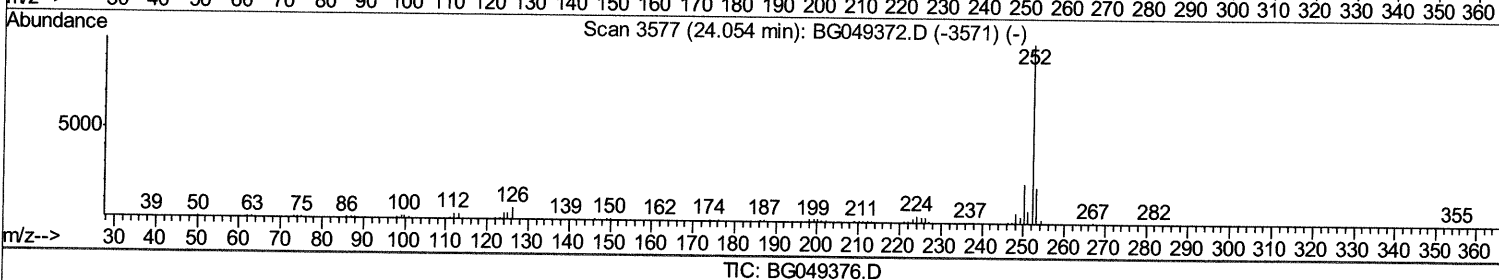
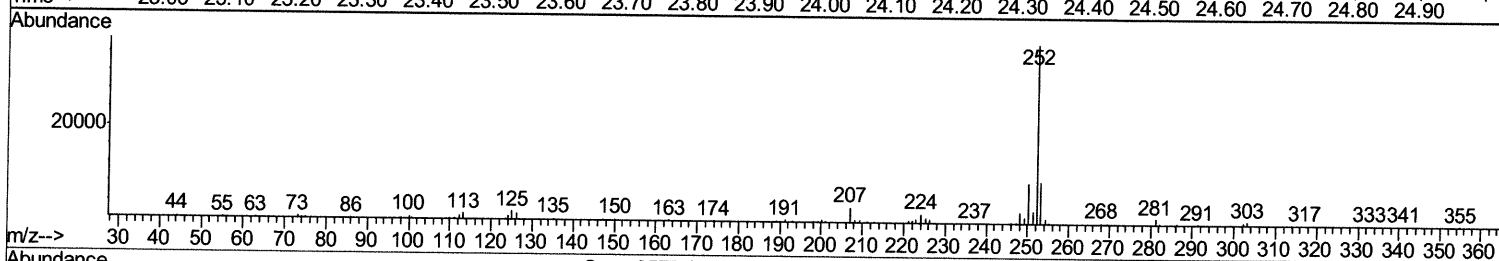
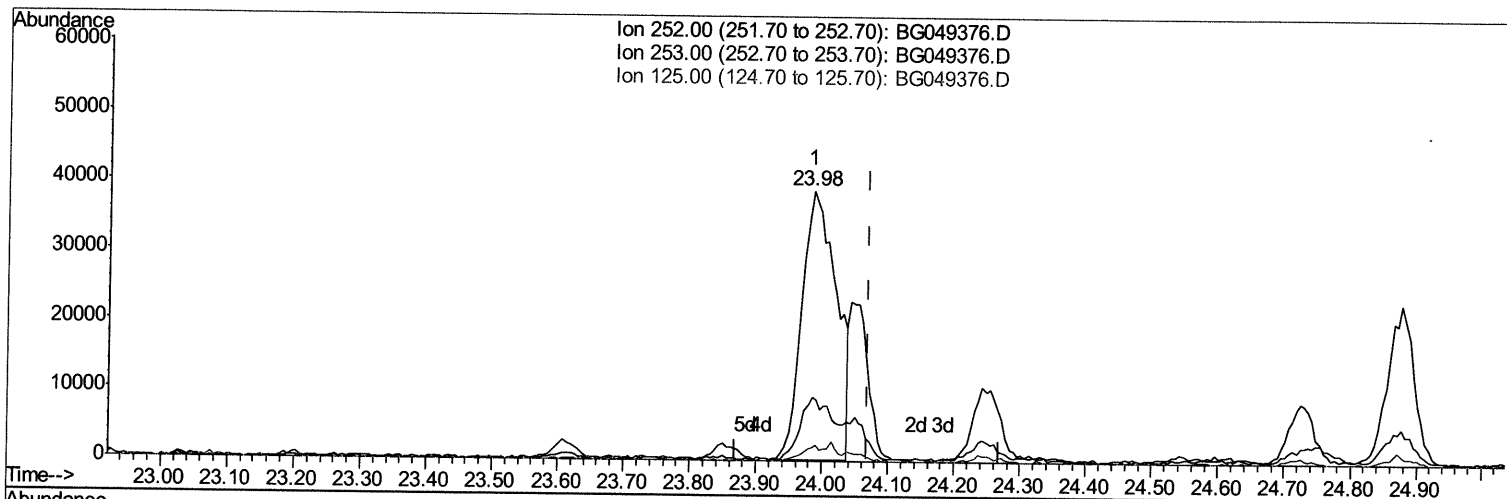
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEA1

Manual Integrations
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TIC: BG049376.D

(91) Benzo(k)fluoranthene

23.984min (-0.085) 11.48ng/ul

response 140288

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	23.48
125.00	4.60	4.94
0.00	0.00	0.00

Quantitation Report (Qedit)

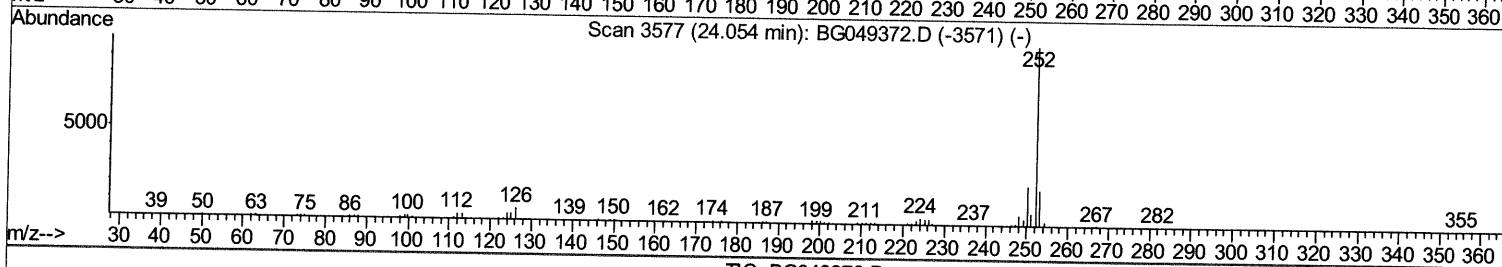
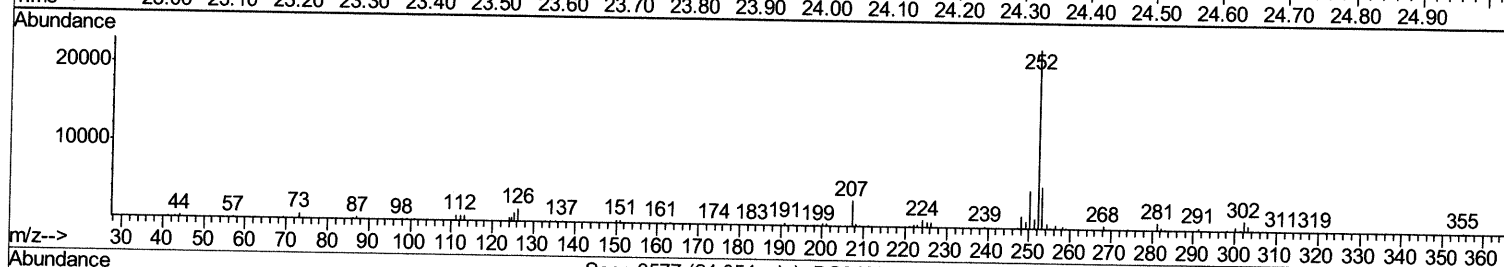
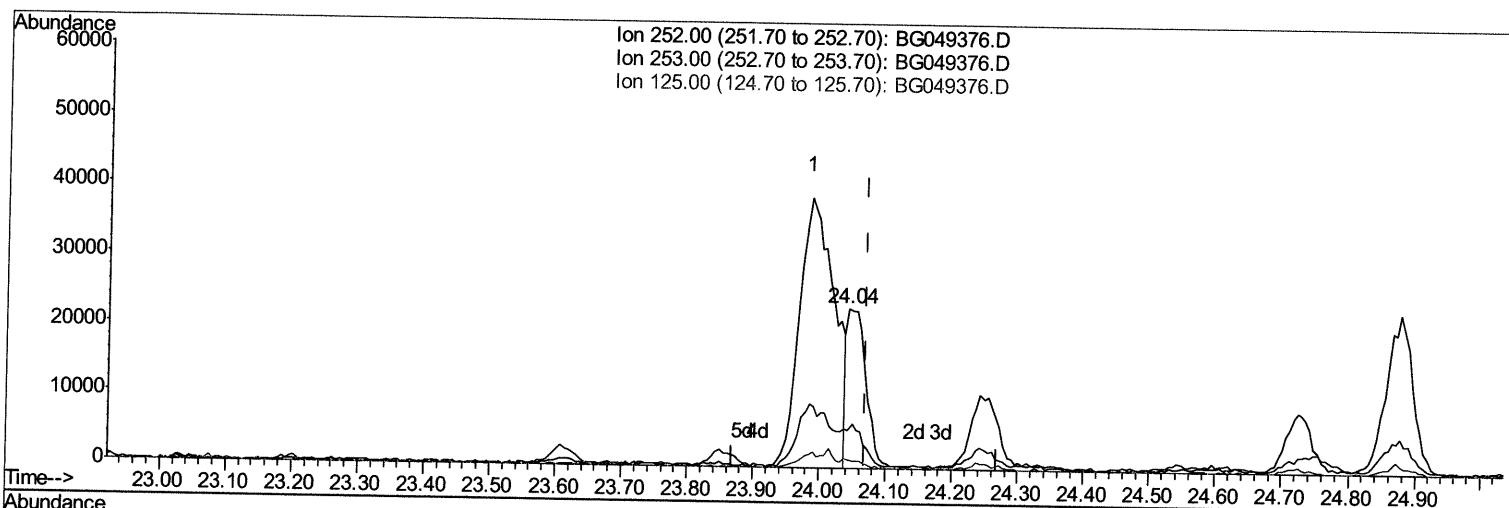
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEA1

Manual Integrations
APPROVED

mohammad
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 12:41:10 2021
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TIC: BG049376.D

(91) Benzo(k)fluoranthene

24.043min (-0.026) 3.63ng/ul m 07/22/21 JU

response 44397

Ion	Exp%	Act%
252.00	100	100
253.00	20.20	23.71
125.00	4.60	5.49
0.00	0.00	0.00

Quantitation Report (Qedit)

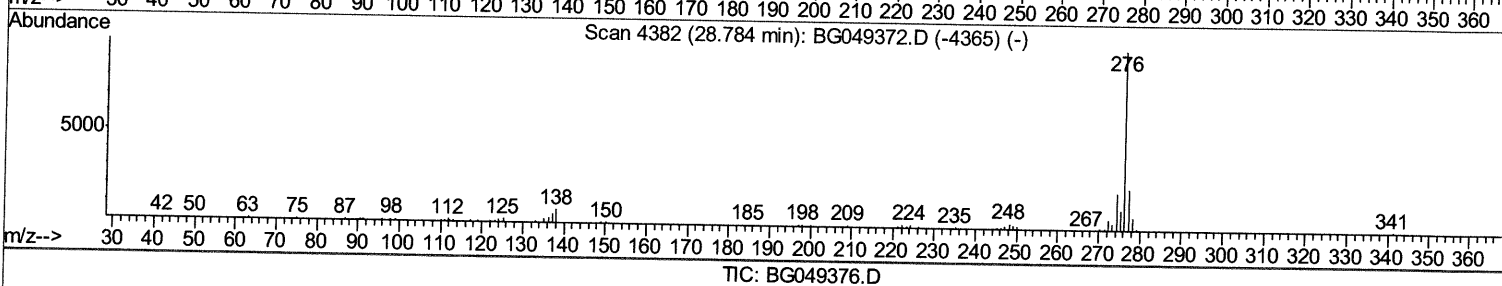
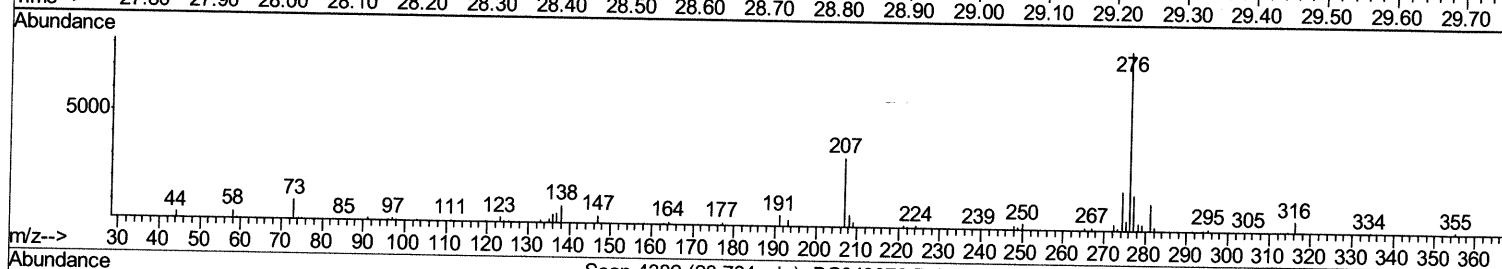
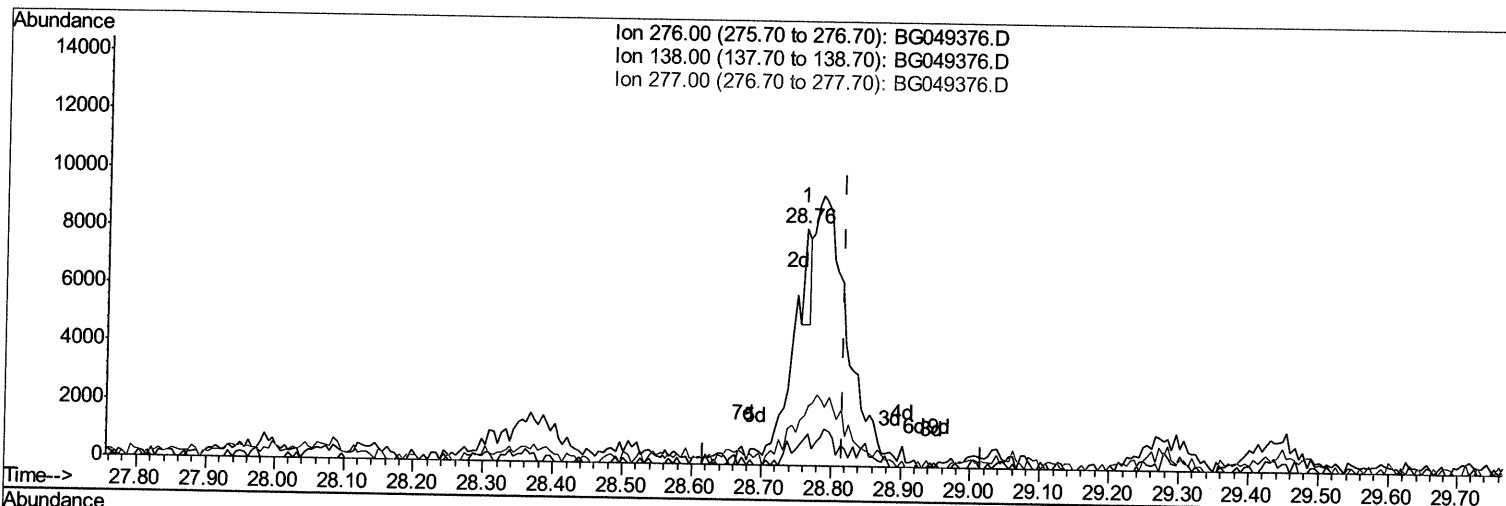
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG049376.D

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

28.761min (-0.055) 0.16ng/ul

response 2217

Ion	Exp%	Act%
276.00	100	100
138.00	10.00	11.60
277.00	22.10	21.29
0.00	0.00	0.00

Quantitation Report (Qedit)

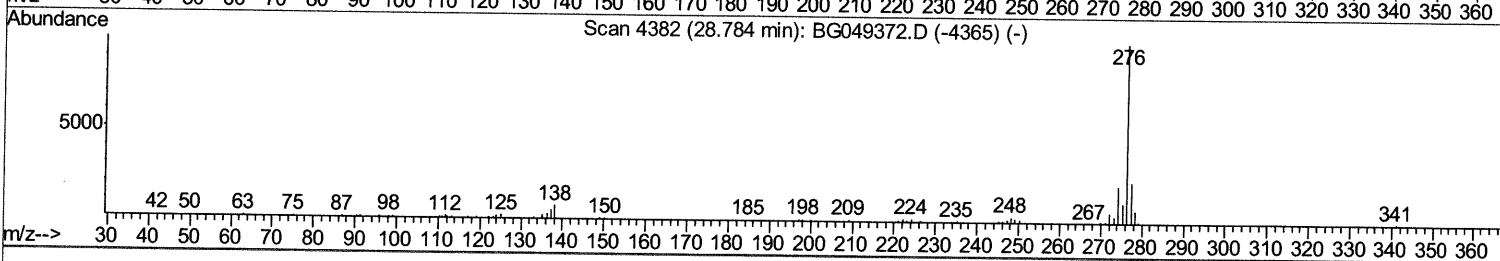
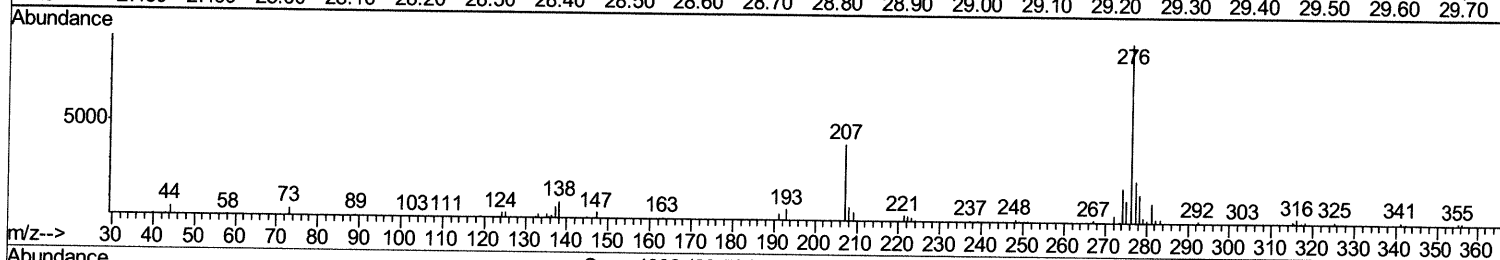
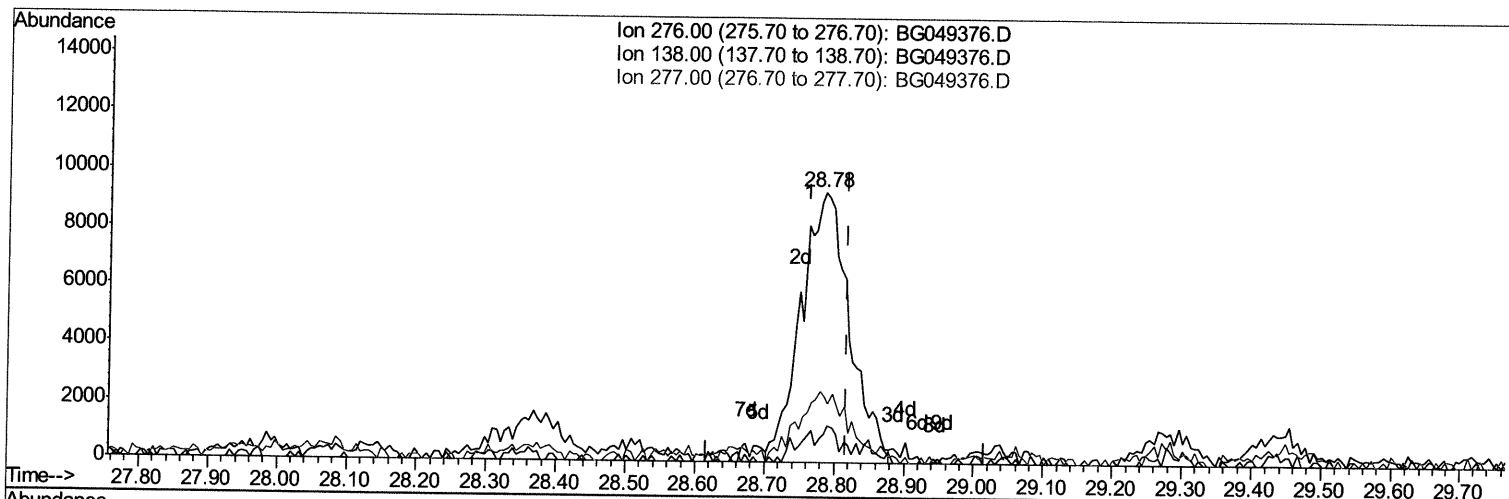
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049376.D
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 Operator : CG/JU
 Sample : M2970-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BG049376.D

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

28.785min (-0.032) 3.16ng/ul m 07/22/21 JU

response 44949

Ion	Exp%	Act%
276.00	100	100
138.00	10.00	10.42
277.00	22.10	24.78
0.00	0.00	0.00

Quantitation Report (Qedit)

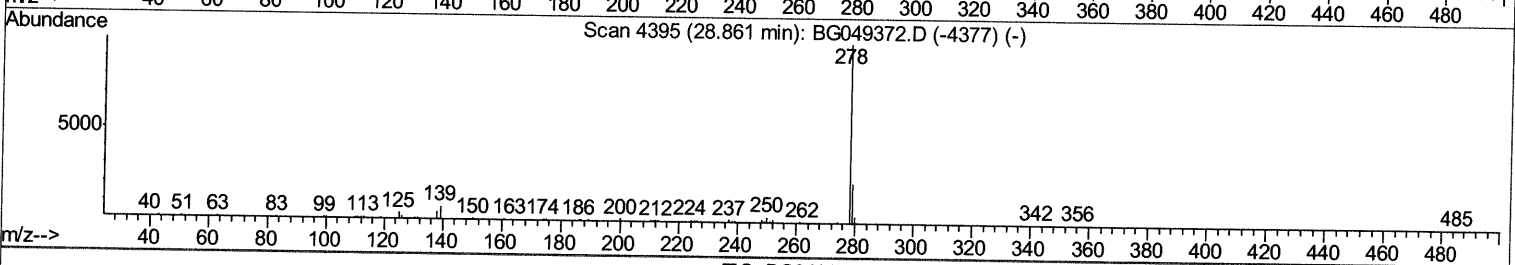
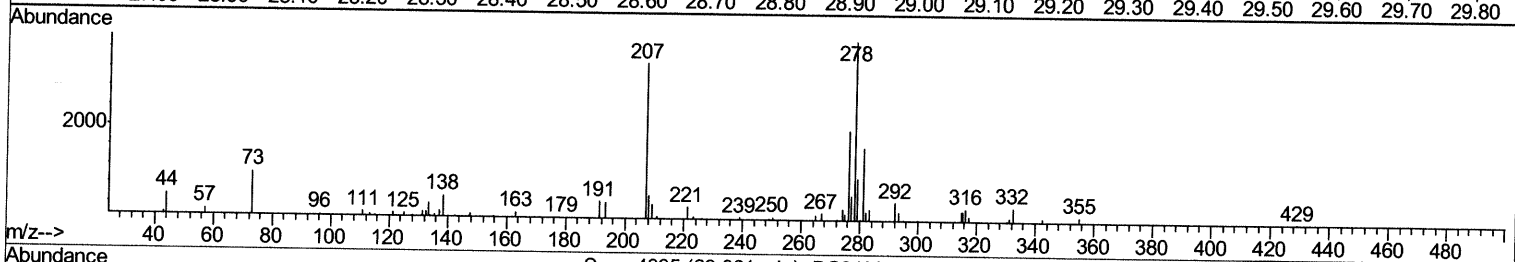
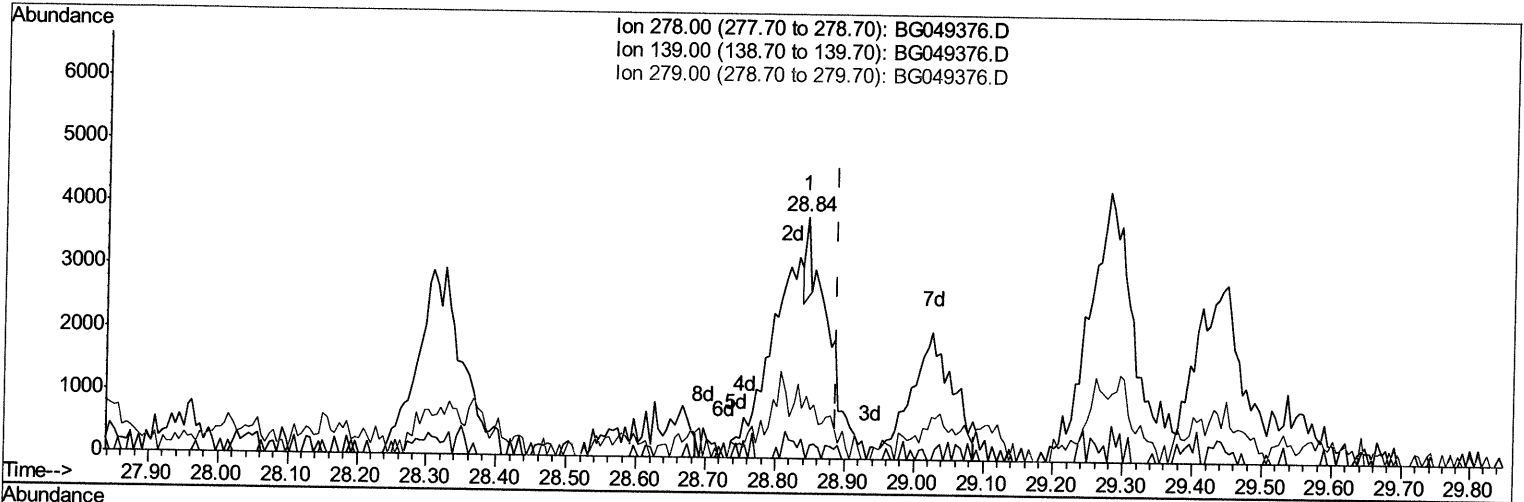
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
 Data File : BG049376.D
 Acq On : 16 Jul 2021 13:22
 Operator : CG/JU
 Sample : M2970-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 BGEA1

Manual Integrations
APPROVED

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TIC: BG049376.D

(95) Dibenzo(a,h)anthracene

28.843min (-0.044) 0.04ng/ul

response 493

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	0.00#
279.00	26.40	26.07
0.00	0.00	0.00

Quantitation Report (Qedit)

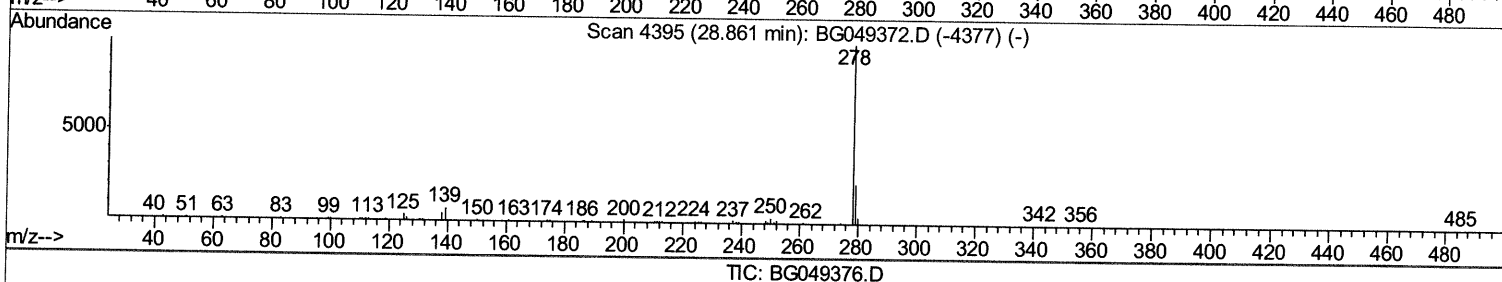
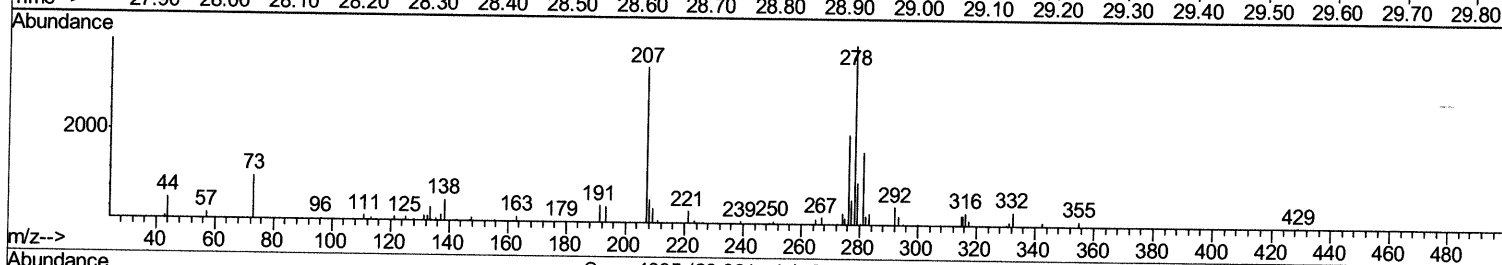
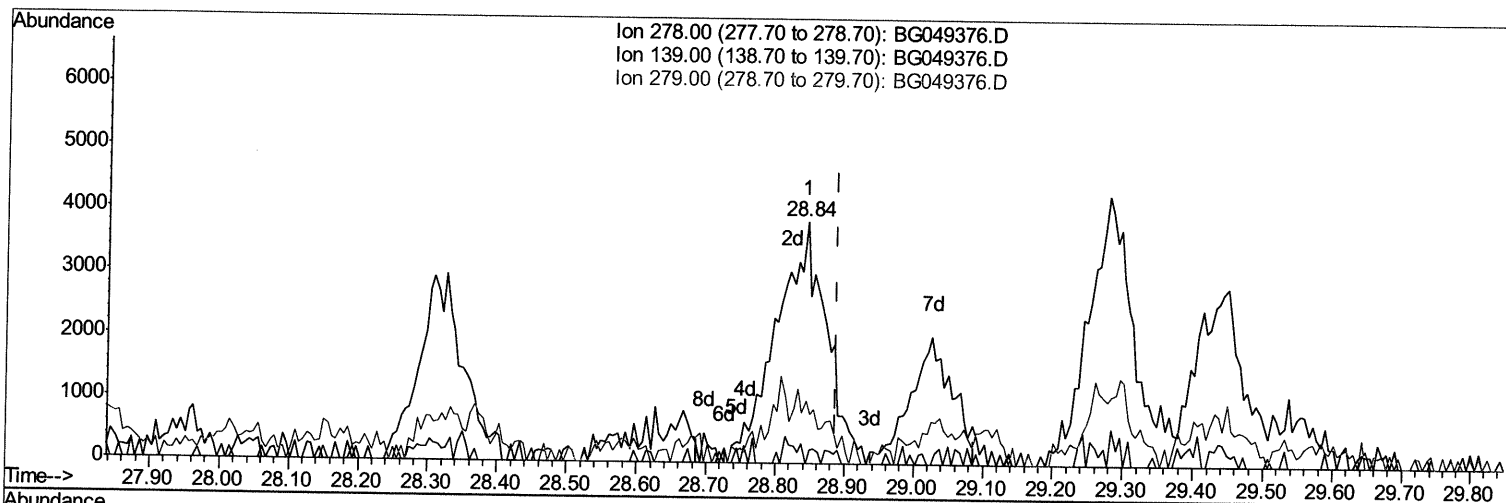
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049376.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampled :
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(95) Dibenzo(a,h)anthracene

28.843min (-0.044) 1.64ng/ul m 07/22/21 JU

response 19280

Ion	Exp%	Act%
278.00	100	100
139.00	6.80	0.00#
279.00	26.40	26.07
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26742	20.00	ng/ul	-0.02
20) Naphthalene-d8	10.88	136	113263	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.71	164	82009	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	187842	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	190915	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	203130	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1046m >	1.84	ng/uL	>-0.01	07/22/21 JU
4) Pyridine-d5	3.88	84	8088	4.84	ng/ul	0.00	
7) Phenol-d5	7.22	99	33426	14.37	ng/ul	0.00	
9) Bis-(2-Chloroethyl) ether-d	7.39	67	20927	15.51	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.59	132	25400	14.77	ng/ul	-0.01	
15) 4-Methylphenol-d8	8.77	113	30563	16.40	ng/ul	0.00	
21) Nitrobenzene-d5	9.23	128	15988	18.40	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.96	143	17152	17.19	ng/ul	-0.01	
28) 2,4-Dichlorophenol-d3	10.51	165	32485	16.69	ng/ul	0.00	
31) 4-Chloroaniline-d4	11.02	131	42017	16.56	ng/ul	0.00	
46) Dimethylphthalate-d6	14.11	166	129837	20.59	ng/ul	0.00	
49) Acenaphthylene-d8	14.41	160	138749	18.75	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.91	143	14308m >	13.71	ng/ul	> 0.00	07/22/21 JU
60) Fluorene-d10	15.70	176	104386	19.55	ng/ul	-0.01	
65) 4,6-Dinitro-2-methylphenol	15.82	200	14888	12.47	ng/ul	0.00	
73) Anthracene-d10	17.56	188	177650	20.77	ng/ul	0.00	
81) Pyrene-d10	19.85	212	191496	19.57	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.81	264	169536	16.06	ng/ul	-0.01	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
72) Phenanthrene	17.50	178	72571	7.921	ng/ul	97
74) Anthracene	17.60	178	32383m >	3.460	ng/ul	> 07/22/21 JU
80) Fluoranthene	19.51	202	226360	19.891	ng/ul	100
82) Pyrene	19.88	202	145550	12.836	ng/ul#	98
85) Benzo(a)anthracene	21.72	228	147677	12.587	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.62	149	11953	1.841	ng/ul#	90
87) Chrysene	21.79	228	103688	9.343	ng/ul	96
90) Benzo(b)fluoranthene	23.98	252	140288	11.195	ng/ul	97
91) Benzo(k)fluoranthene	24.04	252	44397m >	3.634	ng/ul	> 07/22/21 JU
93) Benzo(a)pyrene	24.88	252	64701	5.867	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.78	276	44949m >	3.159	ng/ul	> 07/22/21 JU
95) Dibenzo(a,h)anthracene	28.84	278	19280m >	1.636	ng/ul	> 07/22/21 JU

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