

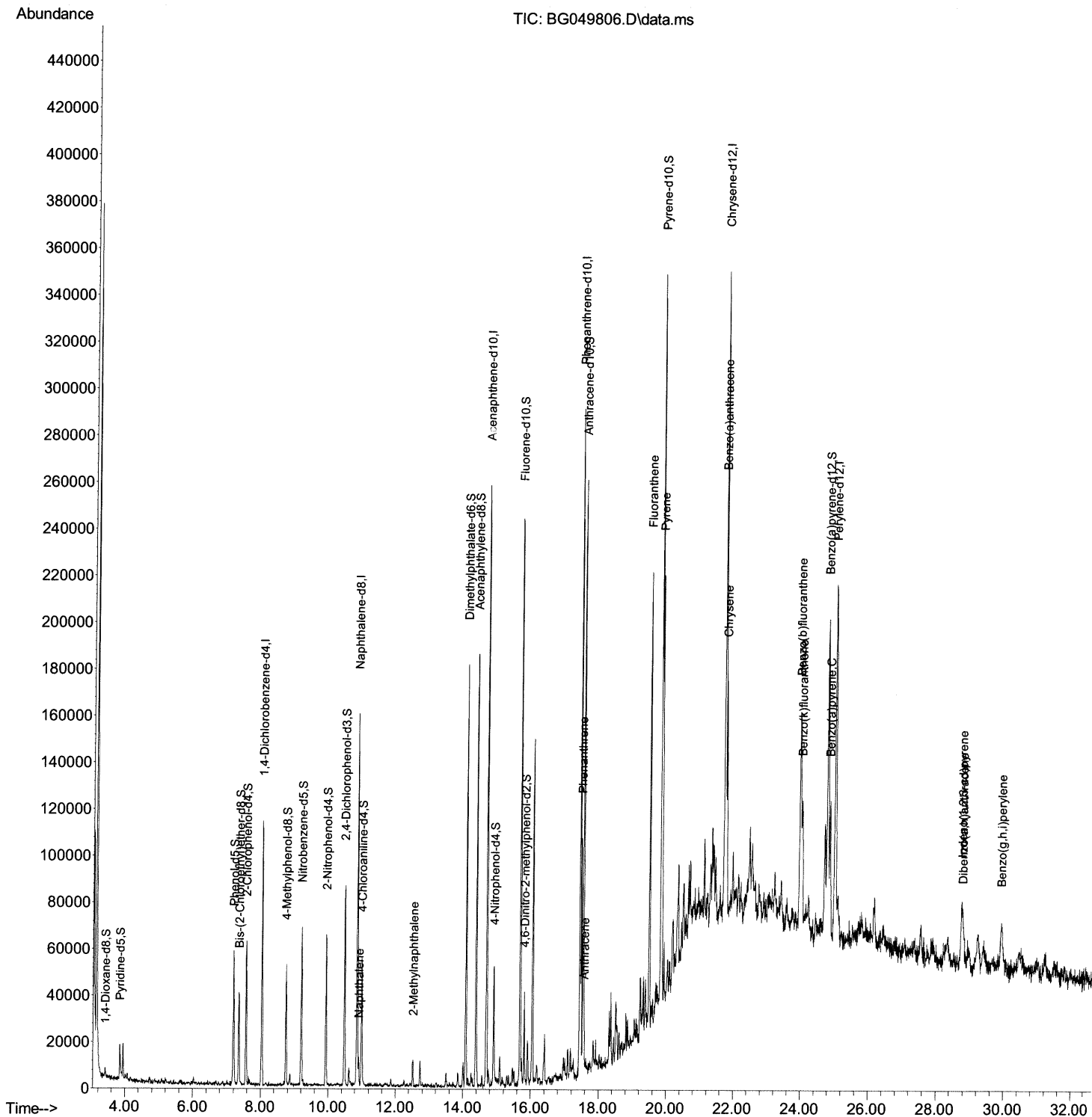
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049806.D
Acq On : 12 Aug 2021 3:15
Operator : CG/JU
Sample : M3287-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
BGB06

Manual Integrations
APPROVED

mohammad
8/12/2021 1:35:06 PM

Quant Time: Aug 12 04:04:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



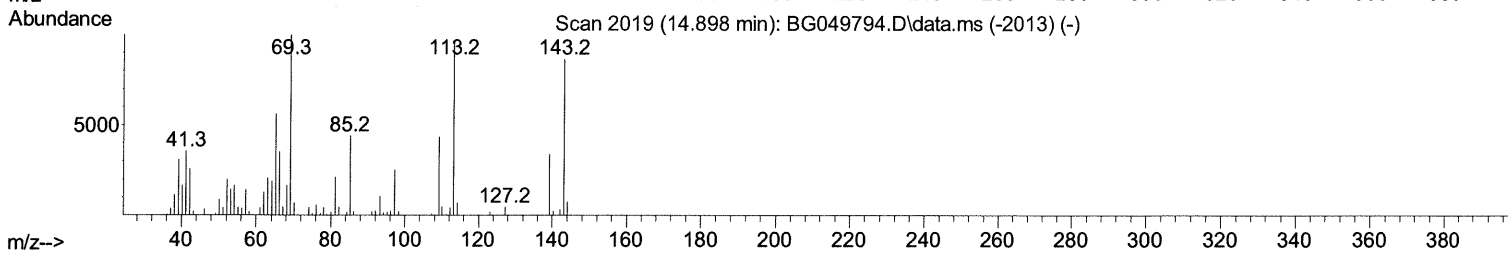
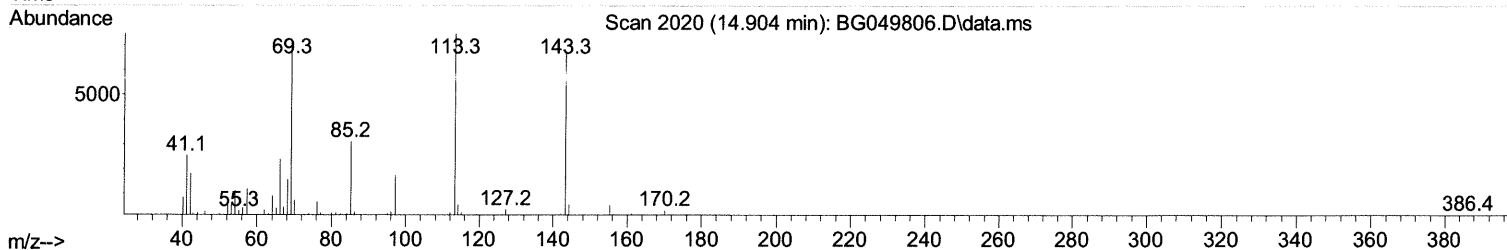
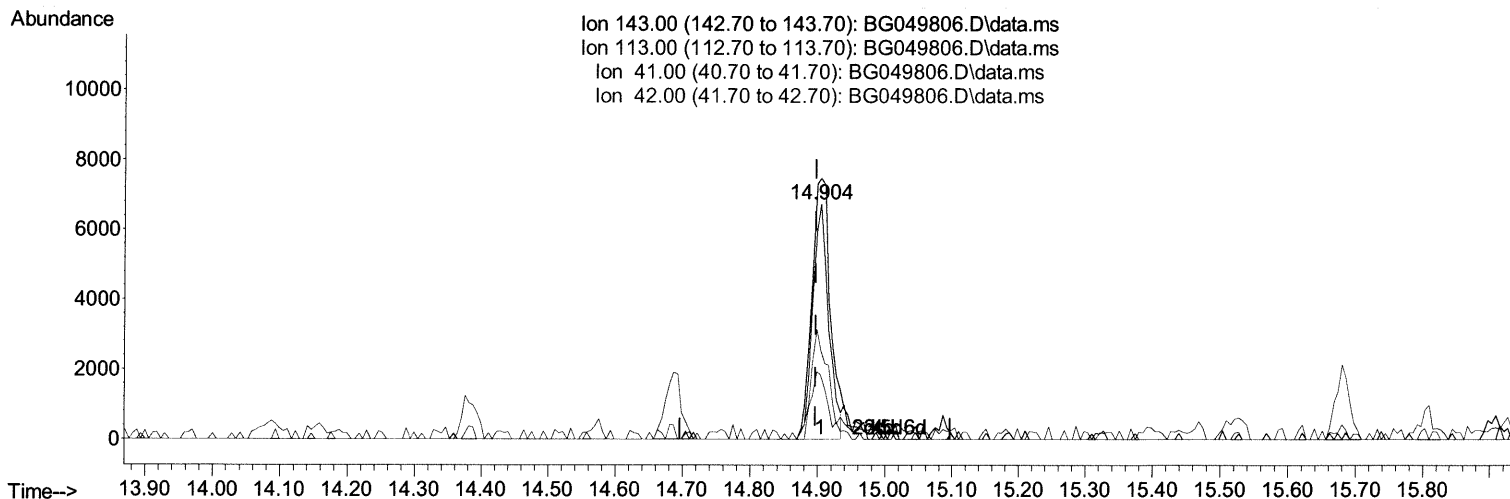
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TIC: BG049806.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.904min (+ 0.007) 9.46 ng/ul

response 11050

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.70	110.79
41.00	45.40	37.83
42.00	26.90	27.28

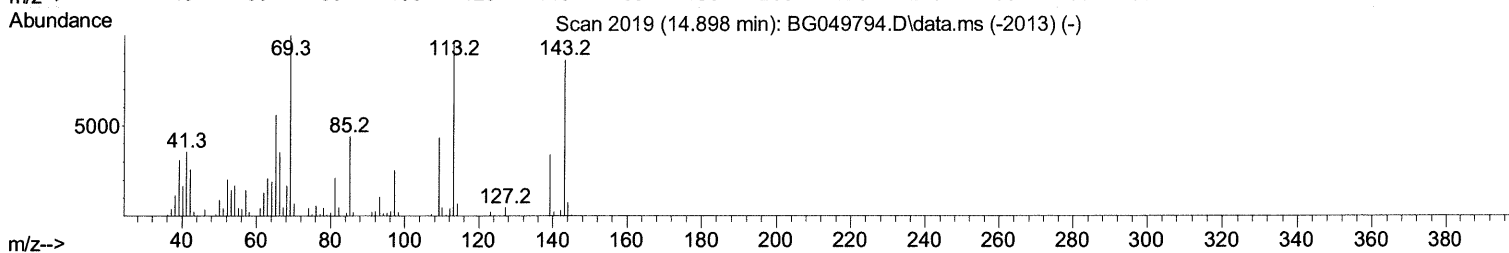
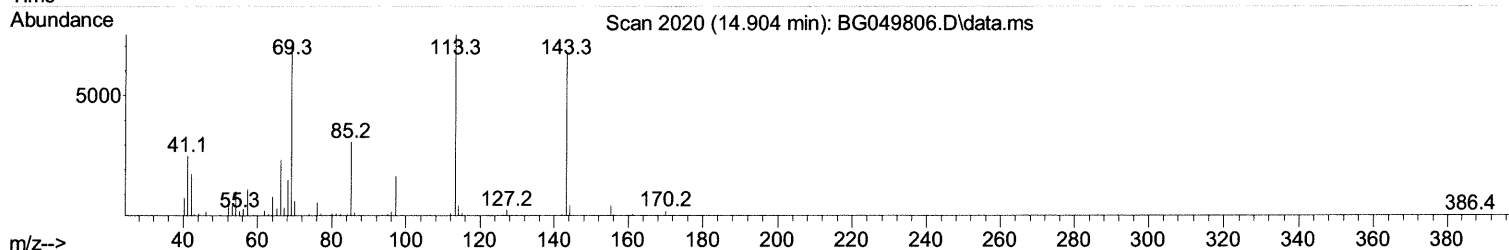
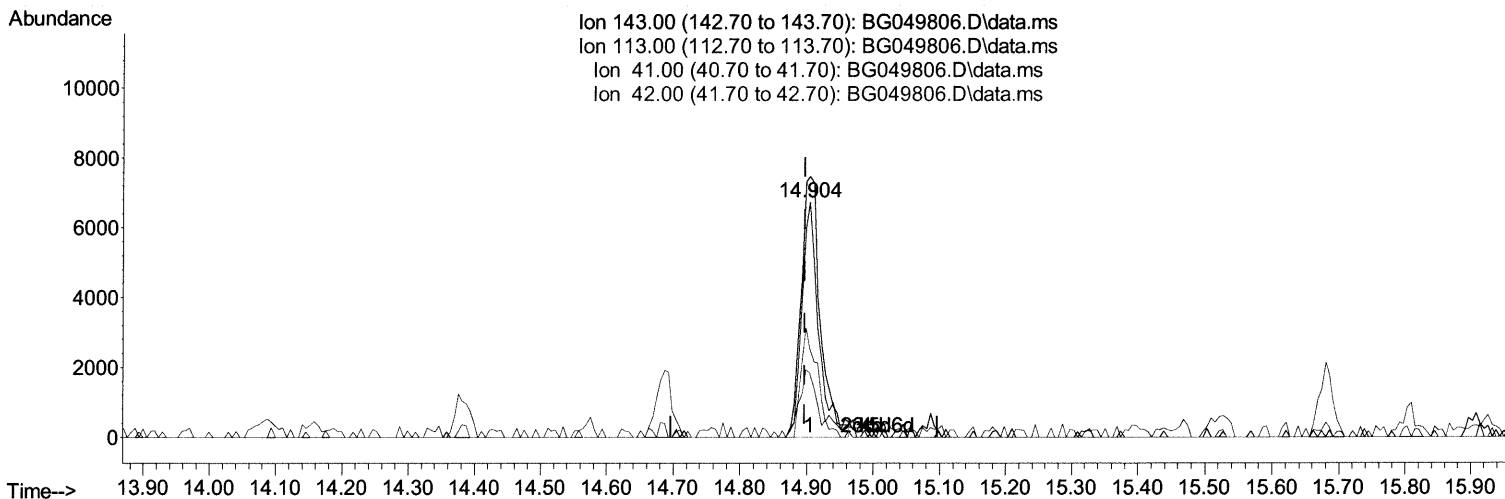
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Sample : M3287-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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mohammad
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TIC: BG049806.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.904min (+ 0.007) 10.18 ng/ul m

response 11893

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.70	110.79
41.00	45.40	37.83
42.00	26.90	27.28

26 Aug 2021

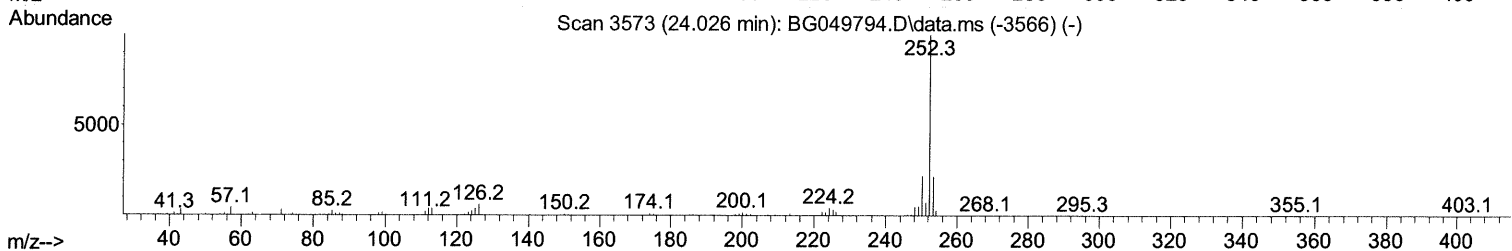
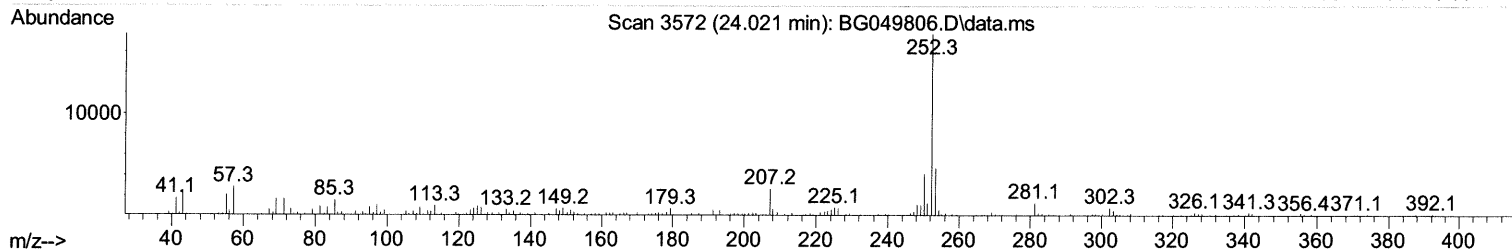
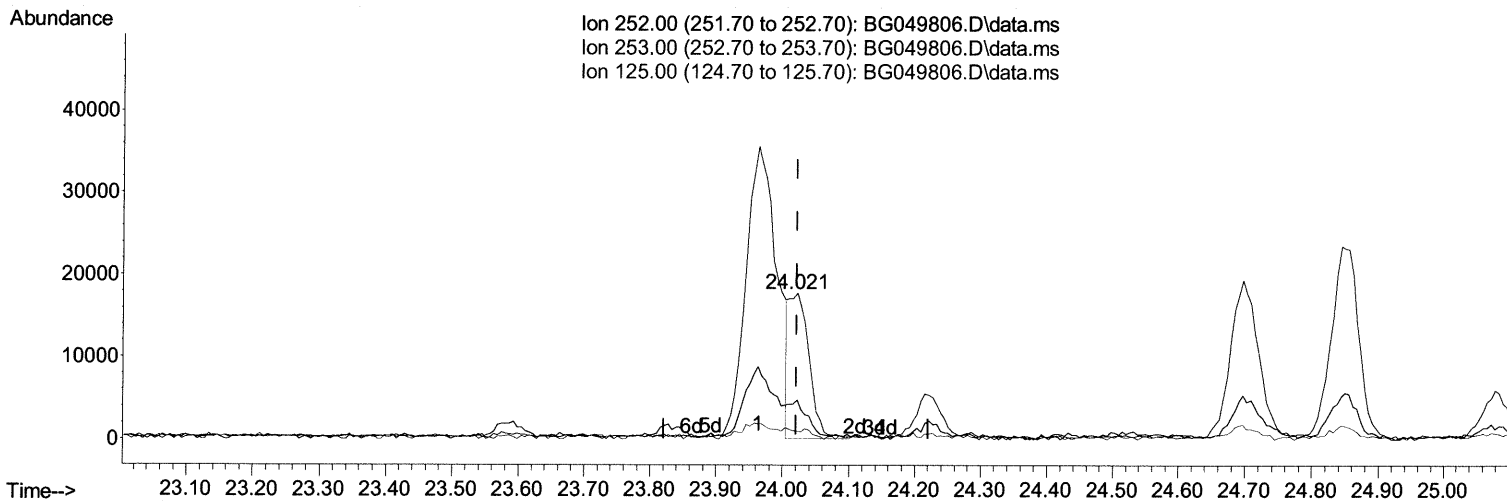
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049806.D
Acq On : 12 Aug 2021 3:15
Operator : CG/JU
Sample : M3287-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Aug 12 04:04:52 2021
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TIC: BG049806.D\data.ms

(91) Benzo(k)fluoranthene

24.021min (+ 0.001) 3.76 ng/ul m

response 37554

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	26.62
125.00	4.80	5.42
0.00	0.00	0.00

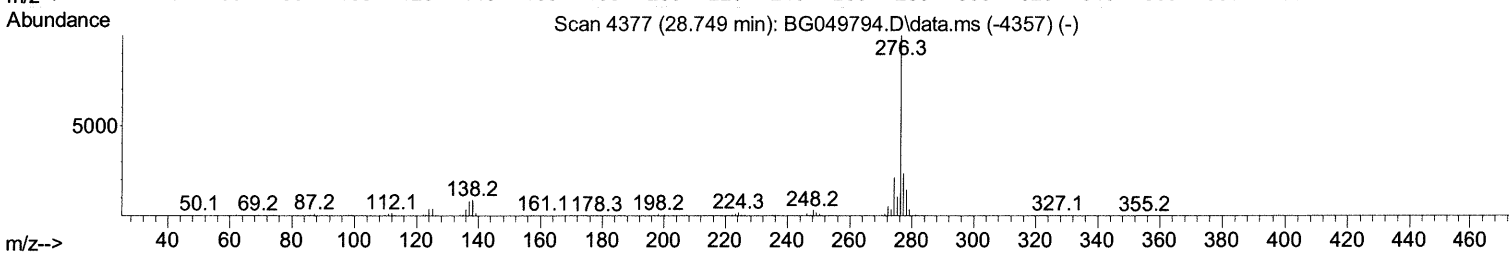
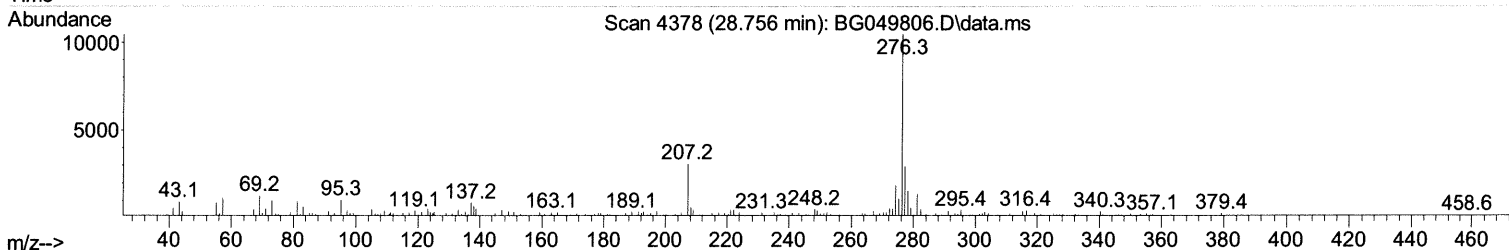
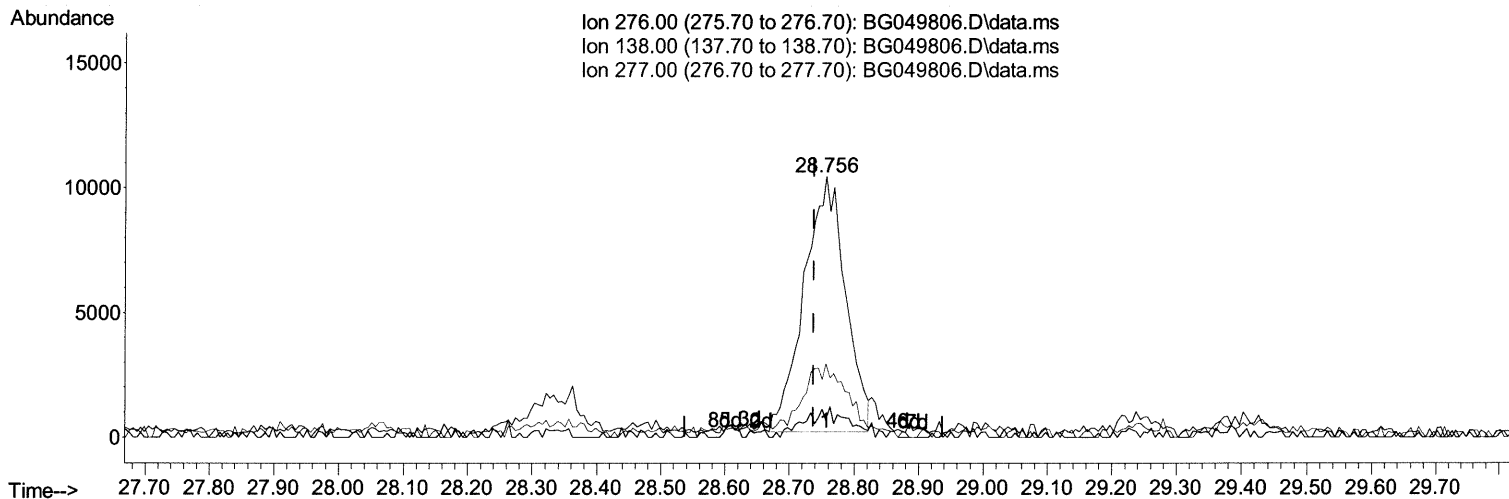
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049806.D
Acq On : 12 Aug 2021 3:15
Operator : CG/JU
Sample : M3287-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BG049806.D\data.ms

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

28.756min (+ 0.019) 3.90 ng/ul

response 45329

Ion	Exp%	Act%
-----	------	------

276.00	100.00	100.00
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138.00	8.30	6.42#
--------	------	-------

277.00	24.30	28.25
--------	-------	-------

0.00	0.00	0.00
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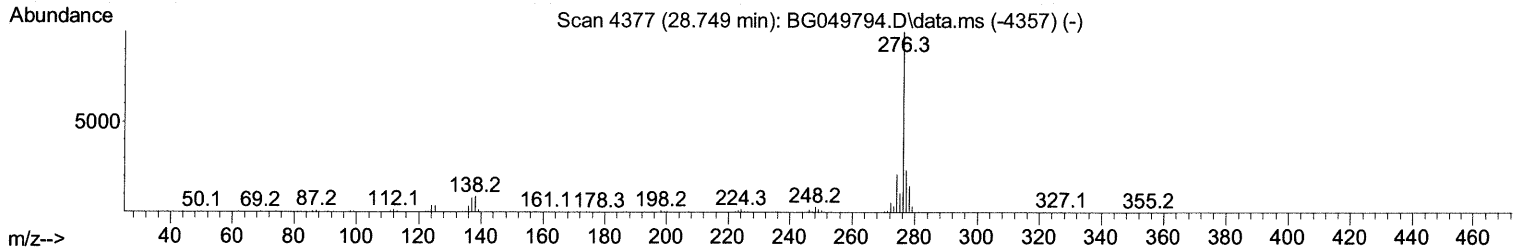
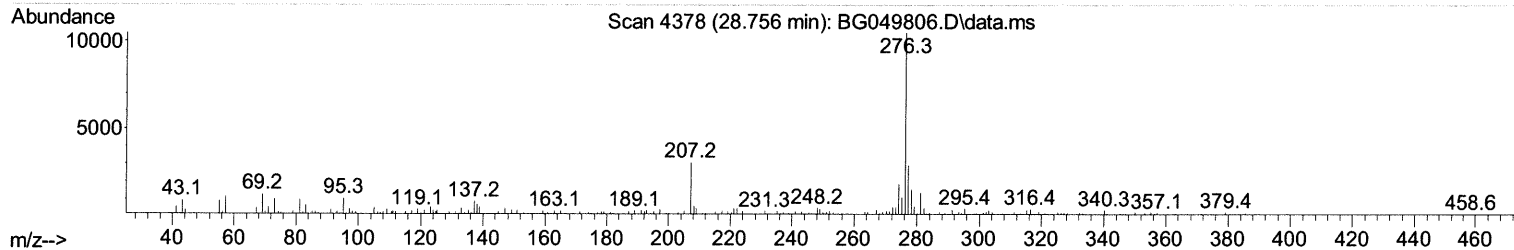
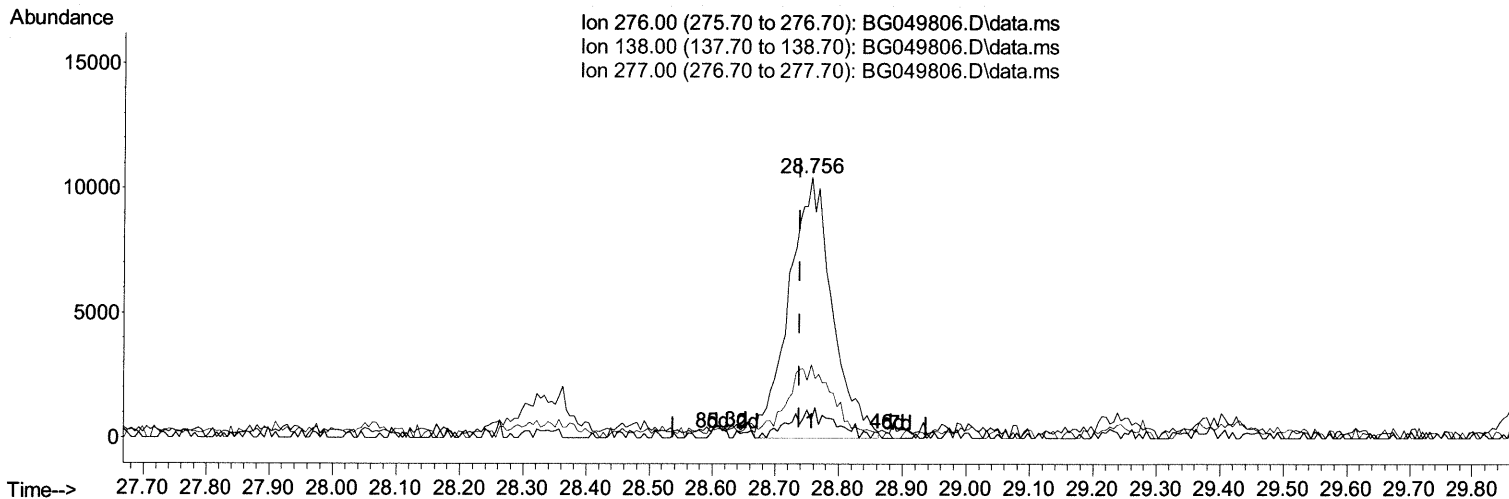
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049806.D
 Acq On : 12 Aug 2021 3:15
 Operator : CG/JU
 Sample : M3287-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB06

Manual Integrations
 APPROVED

mohammad
 8/12/2021 1:35:06 PM

Quant Time: Aug 12 04:04:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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 Response via : Initial Calibration



TIC: BG049806.D\data.ms

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

28.756min (+ 0.019) 4.24 ng/ul m

response 49262

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	6.42#
277.00	24.30	28.25
0.00	0.00	0.00

JU 8/10/21

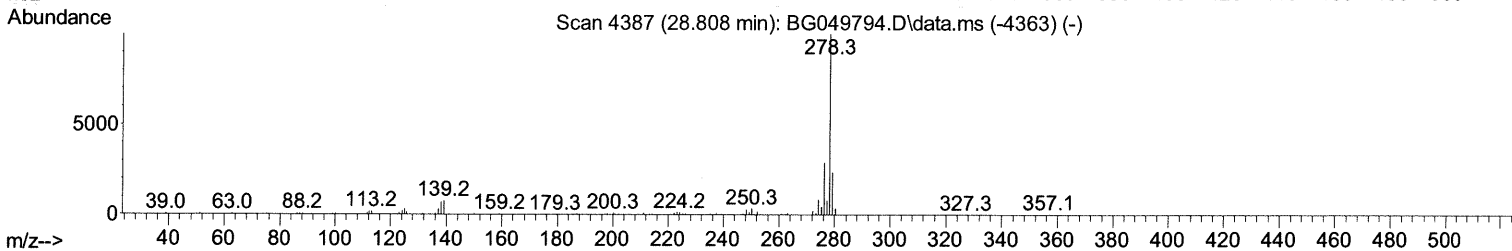
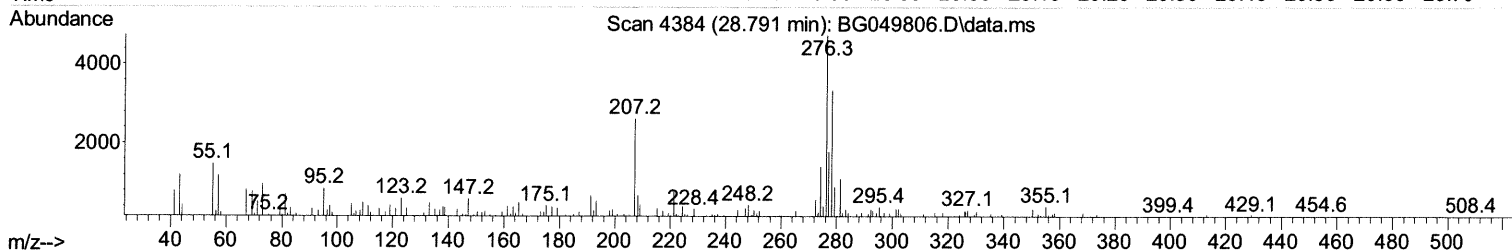
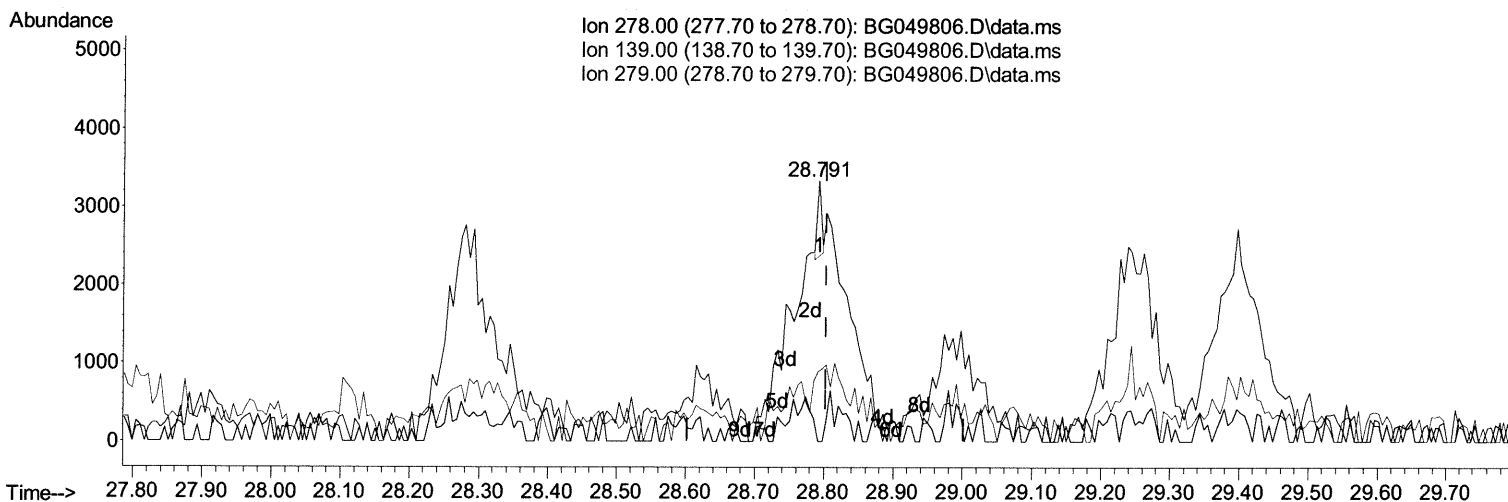
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Data File : BG049806.D
Acq On : 12 Aug 2021 3:15
Operator : CG/JU
Sample : M3287-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB06

Manual Integrations
APPROVED

mohammad
8/12/2021 1:35:06 PM

Quant Time: Aug 12 04:04:52 2021
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Response via : Initial Calibration



TIC: BG049806.D\data.ms

(95) Dibenzo(a,h)anthracene

28.791min (-0.011) 0.04 ng/ul

response 389

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	0.00#
279.00	23.60	26.72
0.00	0.00	0.00

Quantitation Report (Qedit)

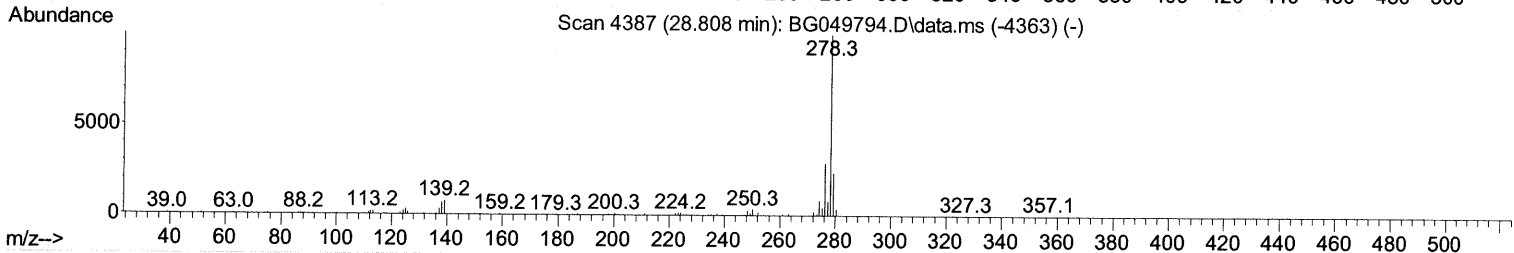
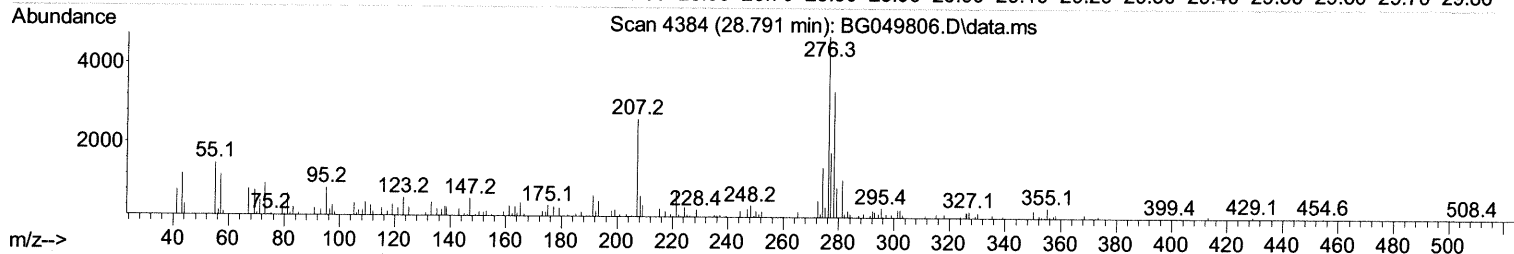
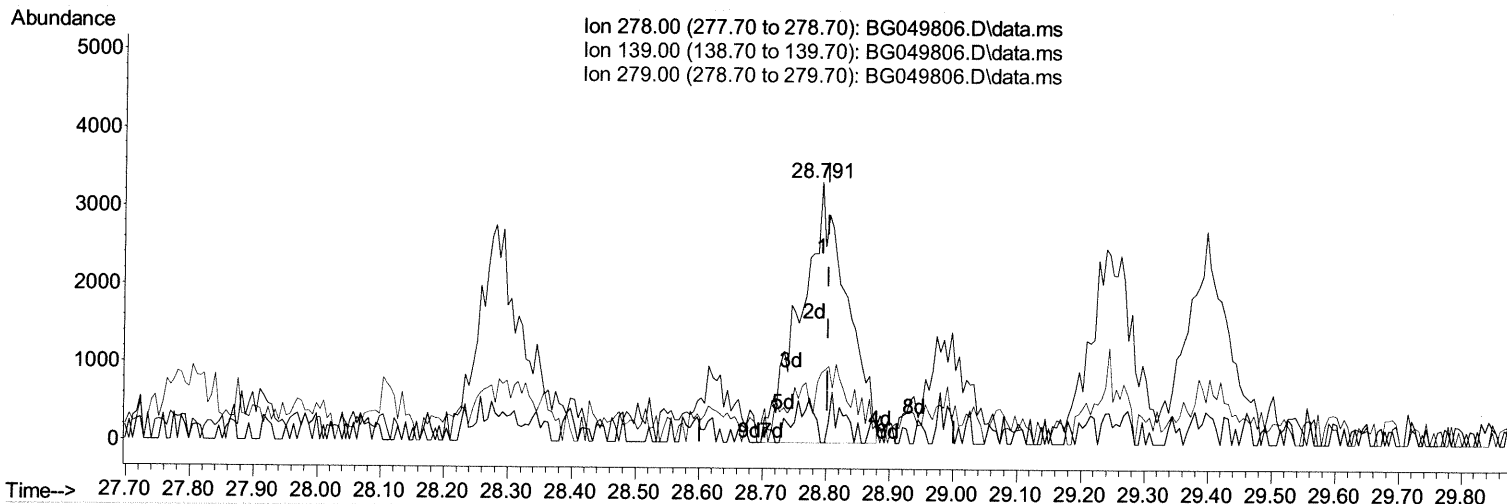
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049806.D
 Acq On : 12 Aug 2021 3:15
 Operator : CG/JU
 Sample : M3287-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB06

Manual Integrations
 APPROVED

mohammad
 8/12/2021 1:35:06 PM

Quant Time: Aug 12 04:04:52 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



TIC: BG049806.D\data.ms

(95) Dibenzo(a,h)anthracene

28.791min (-0.011) 1.73 ng/ul m

response 16723

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	0.00#
279.00	23.60	26.72
0.00	0.00	0.00

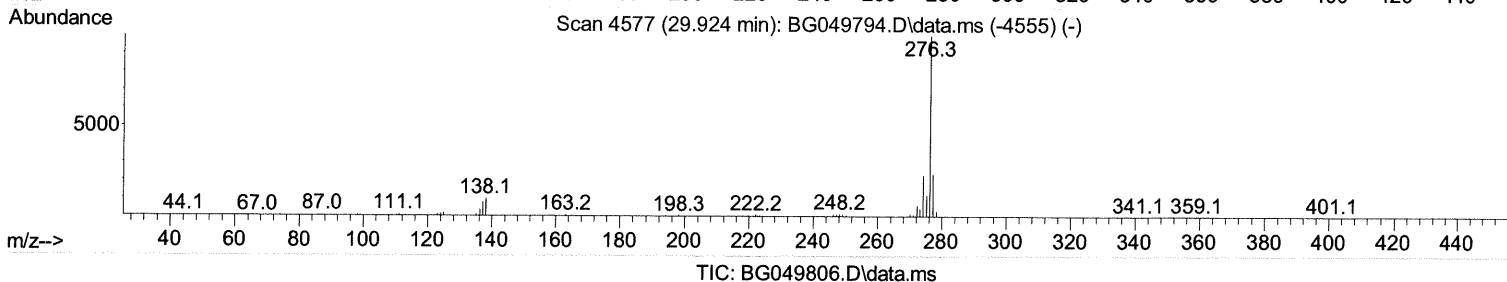
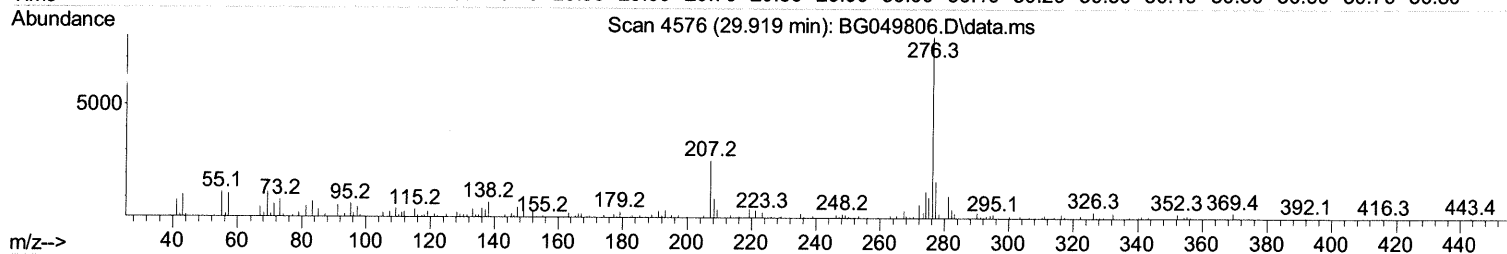
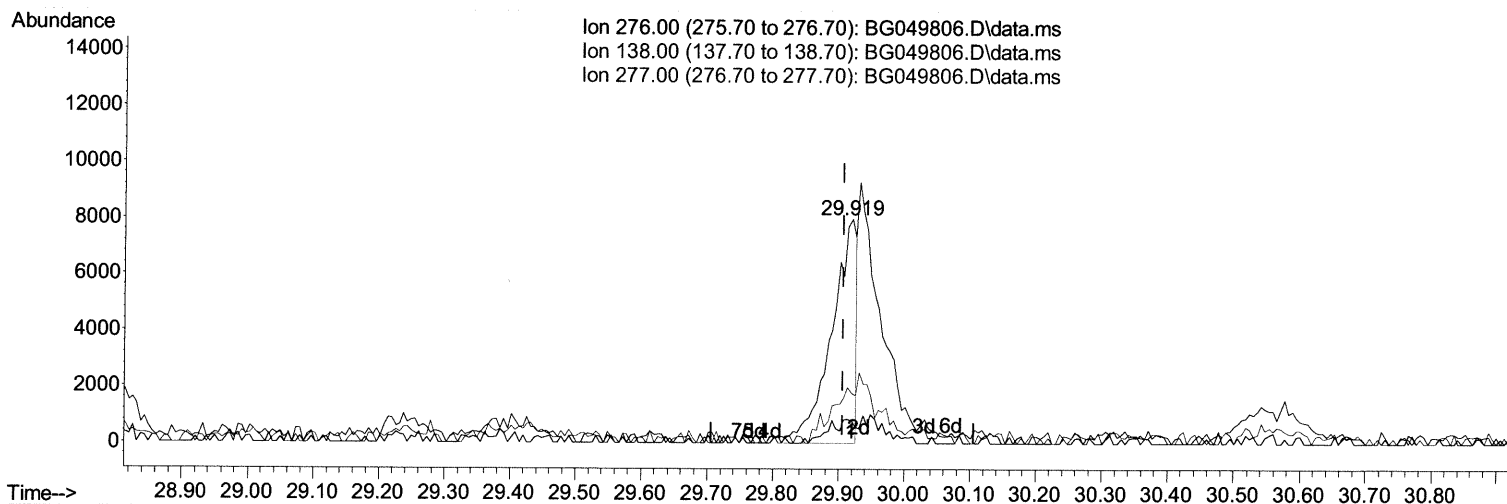
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Data File : BG049806.D
Acq On : 12 Aug 2021 3:15
Operator : CG/JU
Sample : M3287-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB06

Manual Integrations
APPROVED

mohammad
8/12/2021 1:35:06 PM

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

29.919min (+ 0.013) 2.14 ng/ul

response 20705

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	9.90
277.00	24.40	22.01
0.00	0.00	0.00

Quantitation Report (Qedit)

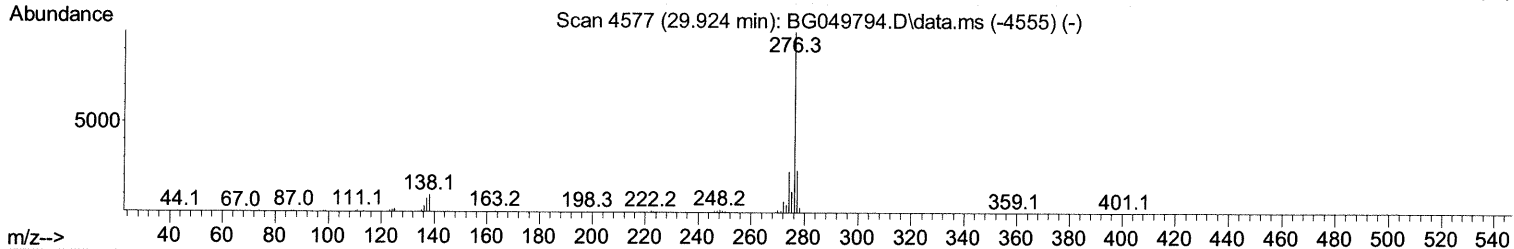
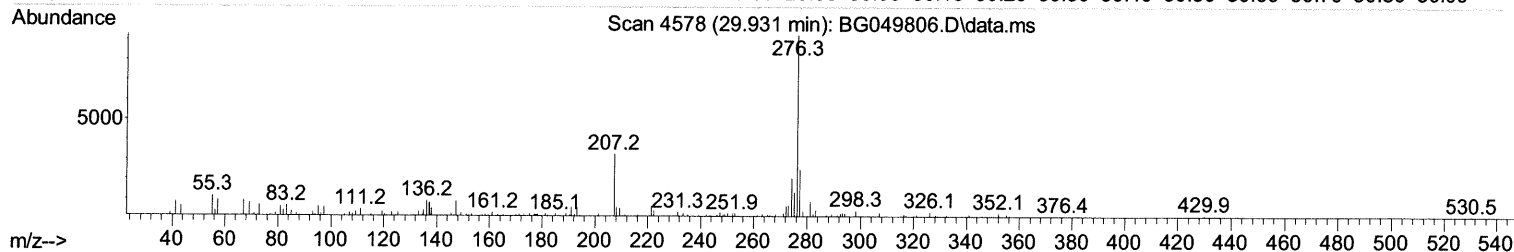
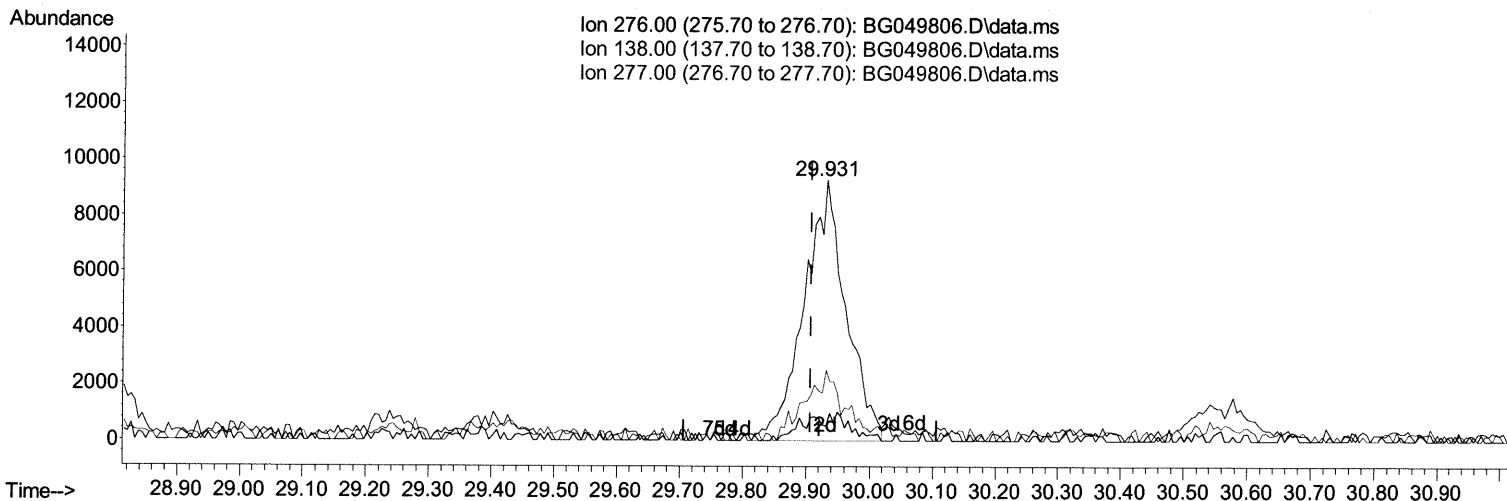
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 Data File : BG049806.D
 Acq On : 12 Aug 2021 3:15
 Operator : CG/JU
 Sample : M3287-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB06

Manual Integrations
 APPROVED

mohammad
 8/12/2021 1:35:06 PM

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TIC: BG049806.D\data.ms

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

29.931min (+ 0.025) 4.37 ng/ul m

response 42238

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	5.54#
277.00	24.40	27.07
0.00	0.00	0.00

JU 8/13/21

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	30749	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	133285	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	92086	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	174353	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	147701	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	153901	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	1641	2.495	ng/uL	0.00
4) Pyridine-d5	3.849	84	9699	4.914	ng/ul	0.00
7) Phenol-d5	7.197	99	31494	11.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.356	67	20778	12.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.567	132	26470	13.253	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	19116	8.984	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	15675	14.930	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	17991	15.005	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	30160	13.340	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	28872	9.328	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	117780	16.298	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	132719	15.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	11893m	10.179	ng/ul	0.00
60) Fluorene-d10	15.686	176	98868	15.916	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	7938	6.765	ng/ul	0.00
73) Anthracene-d10	17.542	188	144063	17.504	ng/ul	0.00
81) Pyrene-d10	19.827	212	154623	19.000	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	148200	17.574	ng/ul	0.01
Target Compounds						
30) Naphthalene	10.916	128	9473	1.361	ng/ul	96
36) 2-Methylnaphthalene	12.519	142	5818	1.092	ng/ul	85
72) Phenanthrene	17.483	178	61021	6.612	ng/ul	94
74) Anthracene	17.577	178	15767	1.708	ng/ul	96
80) Fluoranthene	19.492	202	118868	11.835	ng/ul	98
82) Pyrene	19.856	202	112756	11.256	ng/ul	99
85) Benzo(a)anthracene	21.707	228	72045	7.429	ng/ul	97
87) Chrysene	21.771	228	76602	8.458	ng/ul	97
90) Benzo(b)fluoranthene	23.963	252	111614	11.096	ng/ul	95
91) Benzo(k)fluoranthene	24.021	252	37554m	3.760	ng/ul	99
93) Benzo(a)pyrene	24.844	252	66323	7.490	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.756	276	49262m	4.239	ng/ul	} 7 8/13/21
95) Dibenzo(a,h)anthracene	28.791	278	16723m	1.725	ng/ul	
96) Benzo(g,h,i)perylene	29.931	276	42238m	4.371	ng/ul	

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