

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049808.D
Acq On : 12 Aug 2021 4:38
Operator : CG/JU
Sample : M3287-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

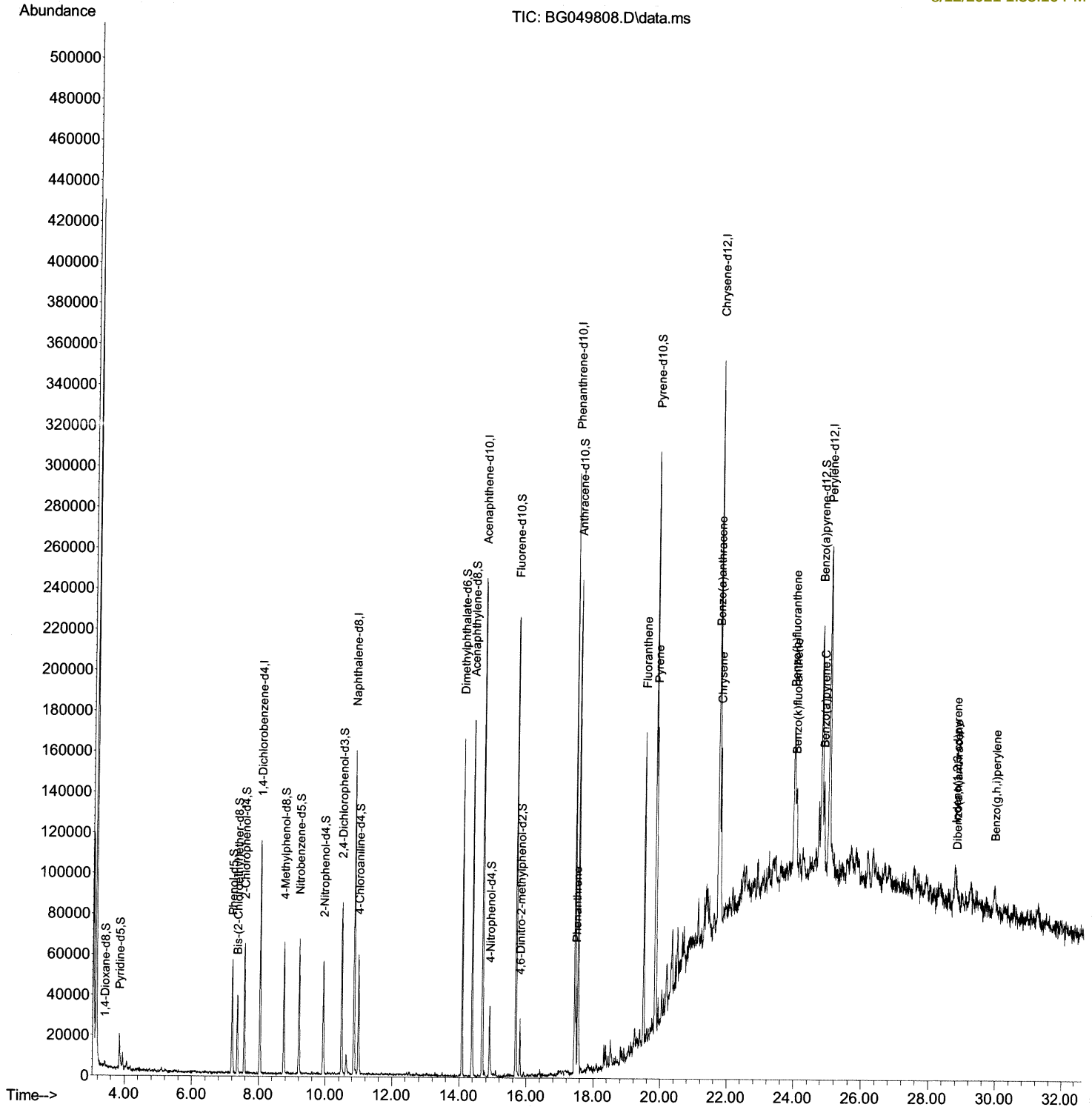
Instrument :
BNA_G
ClientSampleId :
BGB12

Manual Integrations
APPROVED

mohammad

Quant Time: Aug 12 05:28:28 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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Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049808.D
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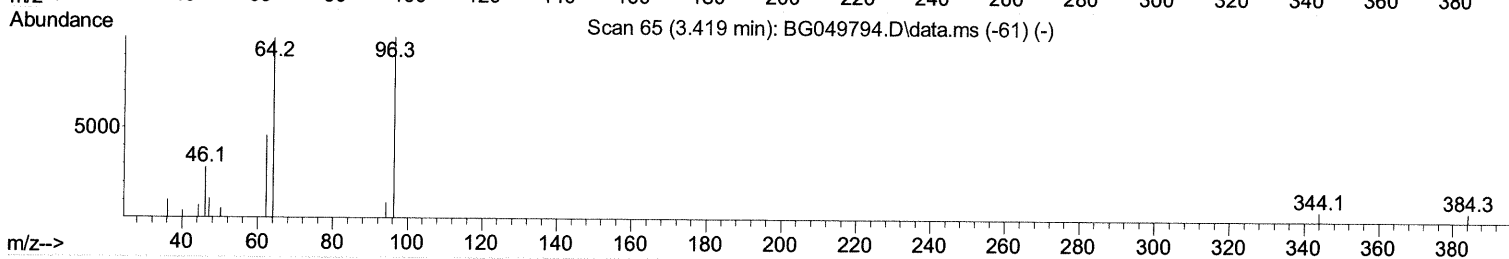
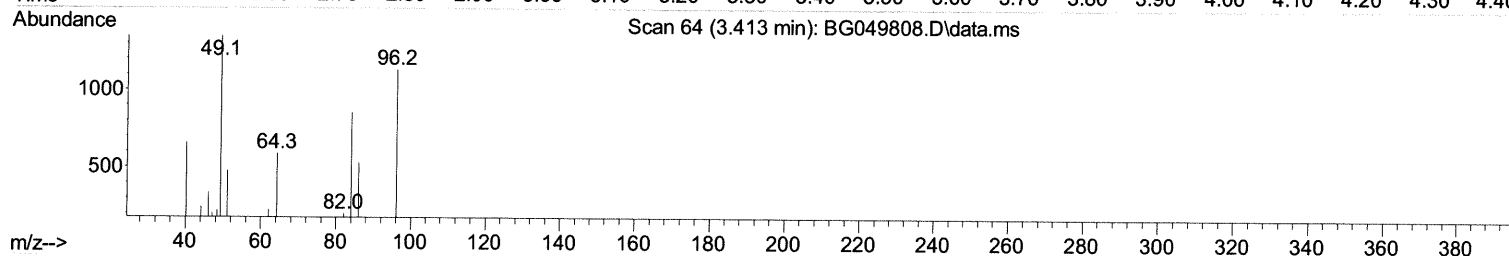
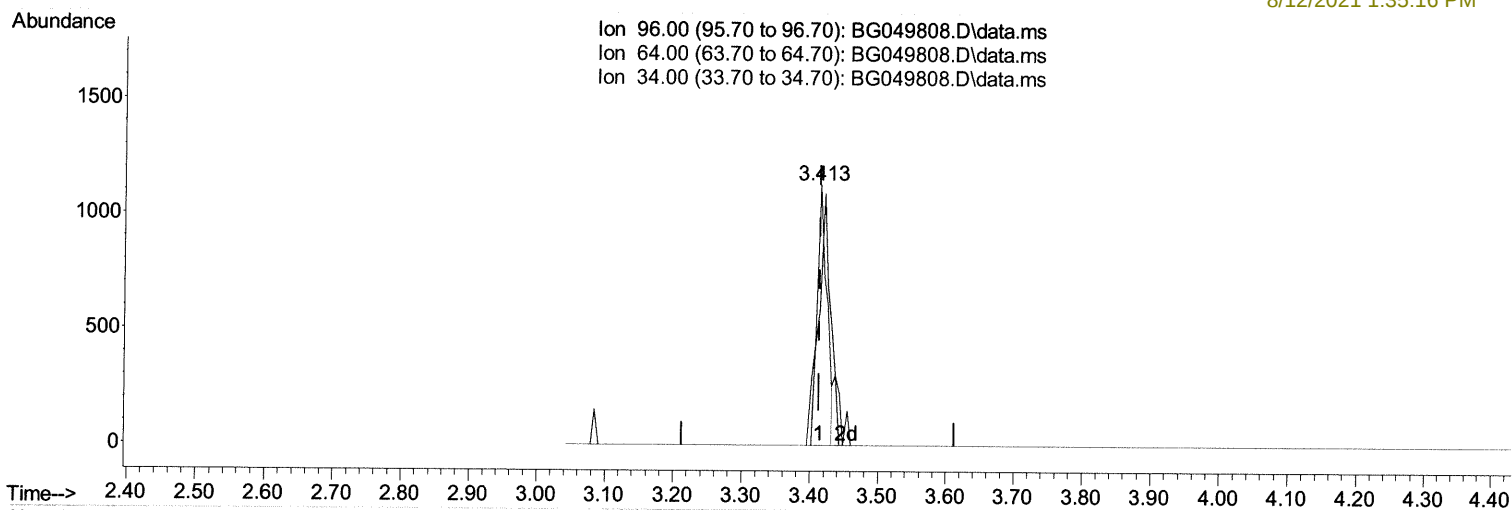
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 ClientSampleId :
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TIC: BG049808.D\data.ms

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

3.413min (+ 0.000) 1.84 ng/uL

response 1214

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	52.12#
34.00	0.00	0.00
0.00	0.00	0.00

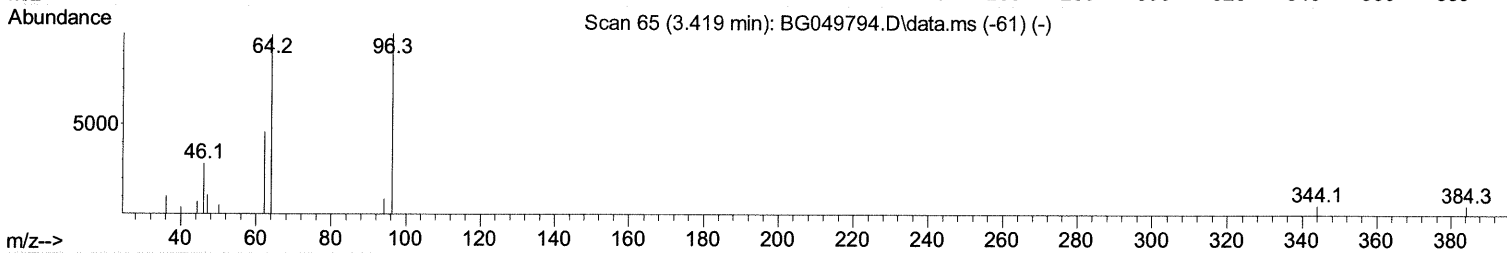
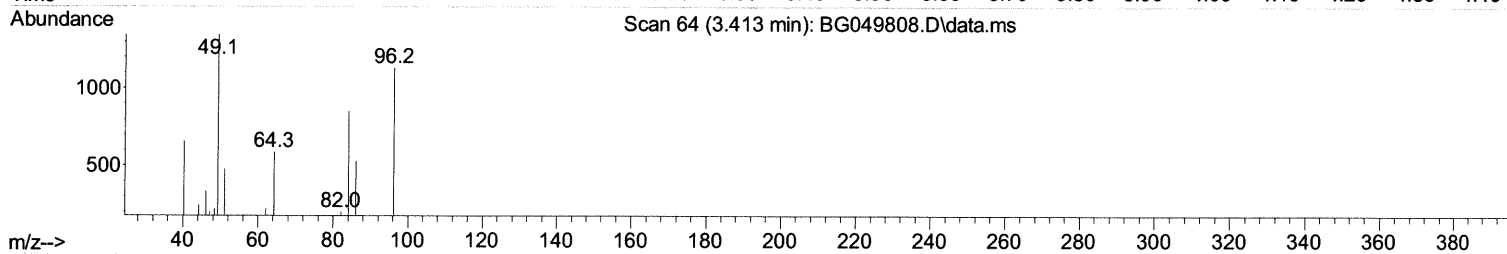
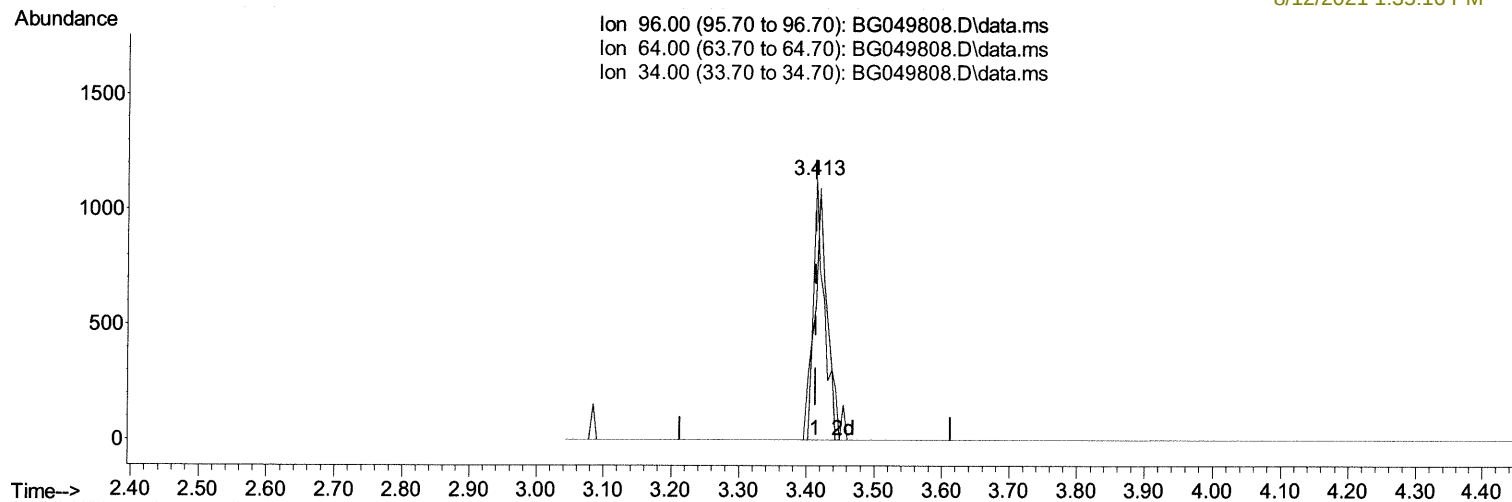
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Sample : M3287-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB12

Manual Integrations
APPROVED

mohammad

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

3.413min (+ 0.000) 2.12 ng/uL m

response 1400

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	52.12#
34.00	0.00	0.00
0.00	0.00	0.00

JU 8/13/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049808.D
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Operator : CG/JU
Sample : M3287-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

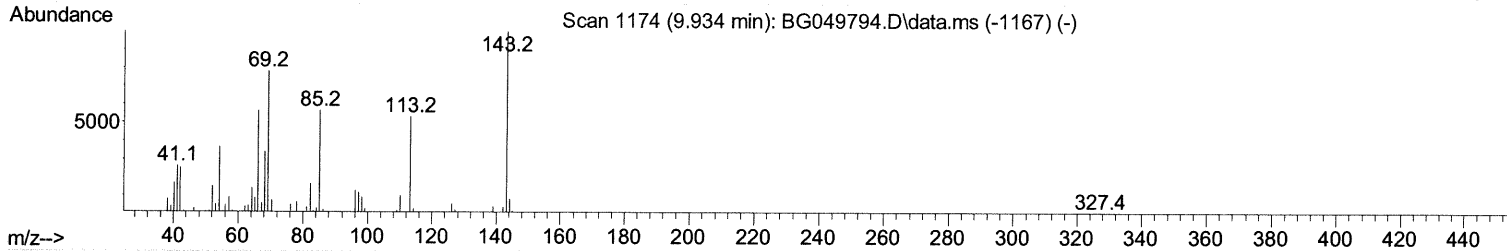
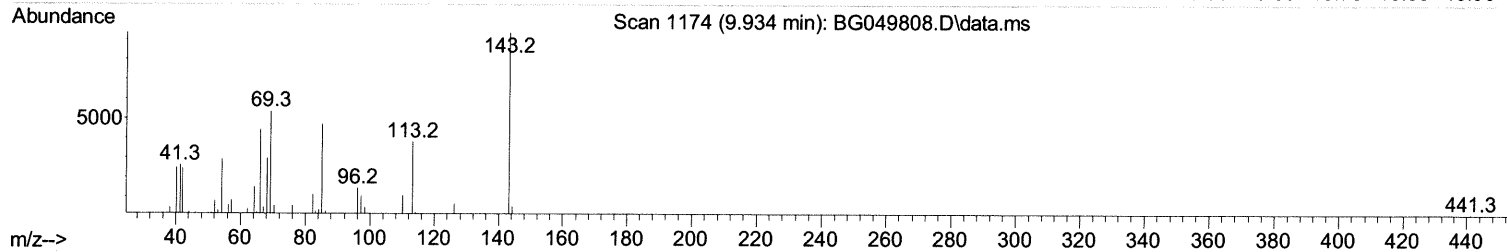
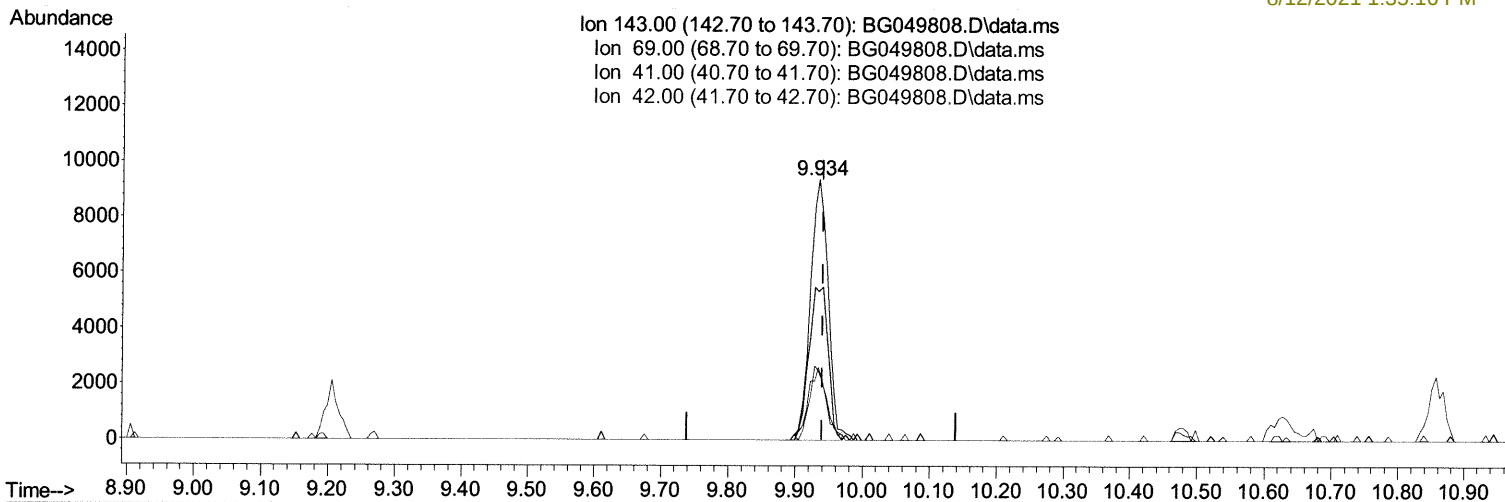
Instrument :
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ClientSampleId :
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TIC: BG049808.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.934min (-0.005) 14.27 ng/ul

response 17080

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	56.40	57.03
41.00	27.90	27.90
42.00	27.50	26.24

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 Sample : M3287-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

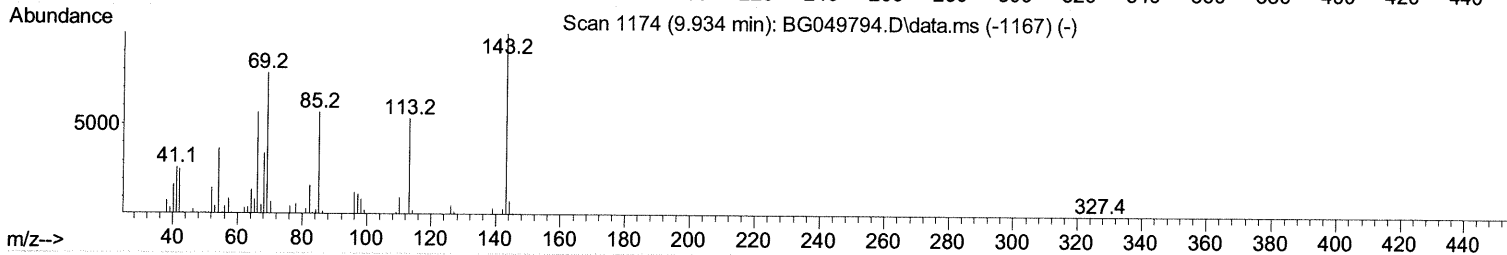
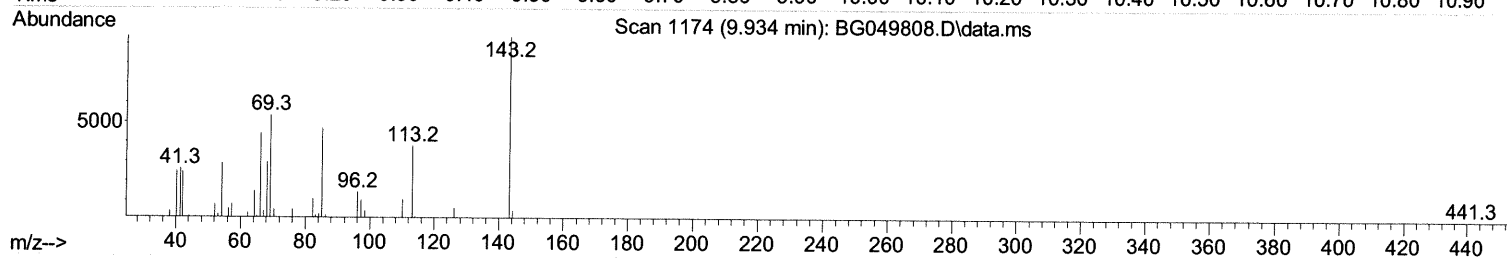
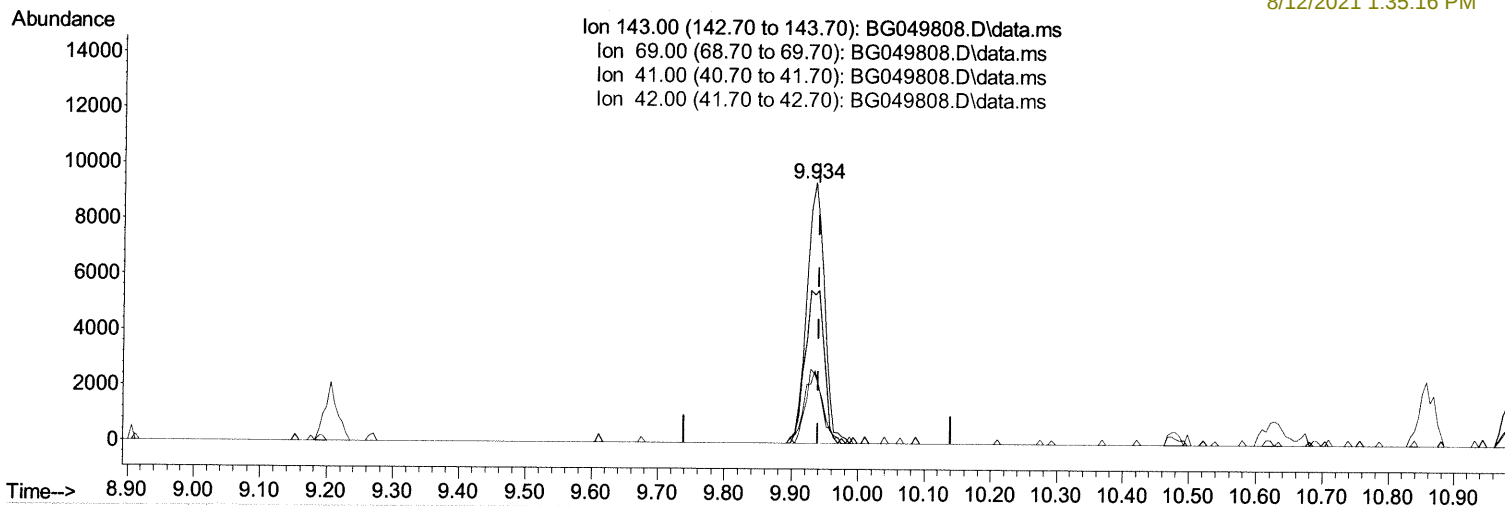
Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG049808.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.934min (-0.005) 14.39 ng/ul m

response 17222

Je 8/13/21

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	56.40	57.03
41.00	27.90	27.90
42.00	27.50	26.24

Quantitation Report (Qedit)

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 Data File : BG049808.D
 Acq On : 12 Aug 2021 4:38
 Operator : CG/JU
 Sample : M3287-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

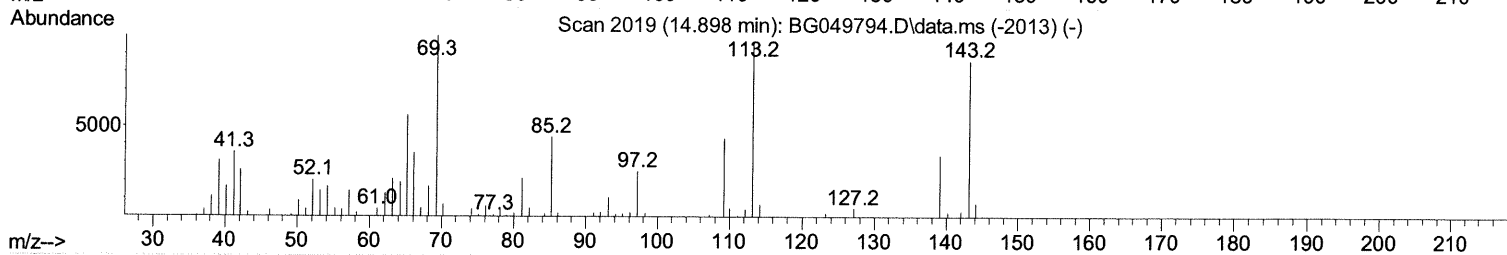
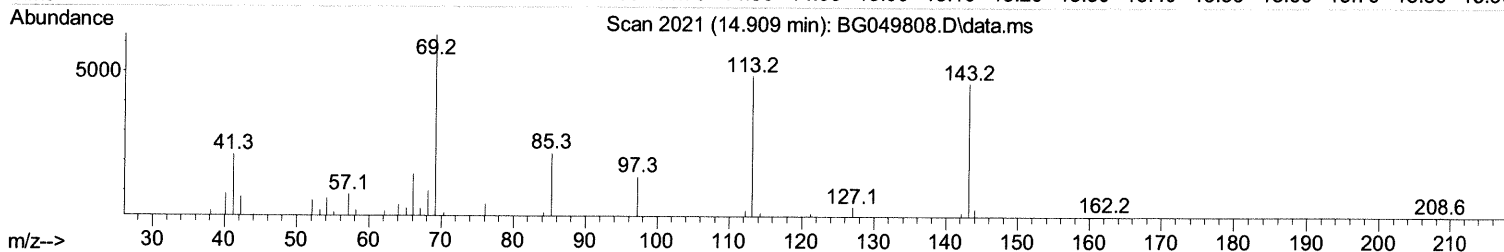
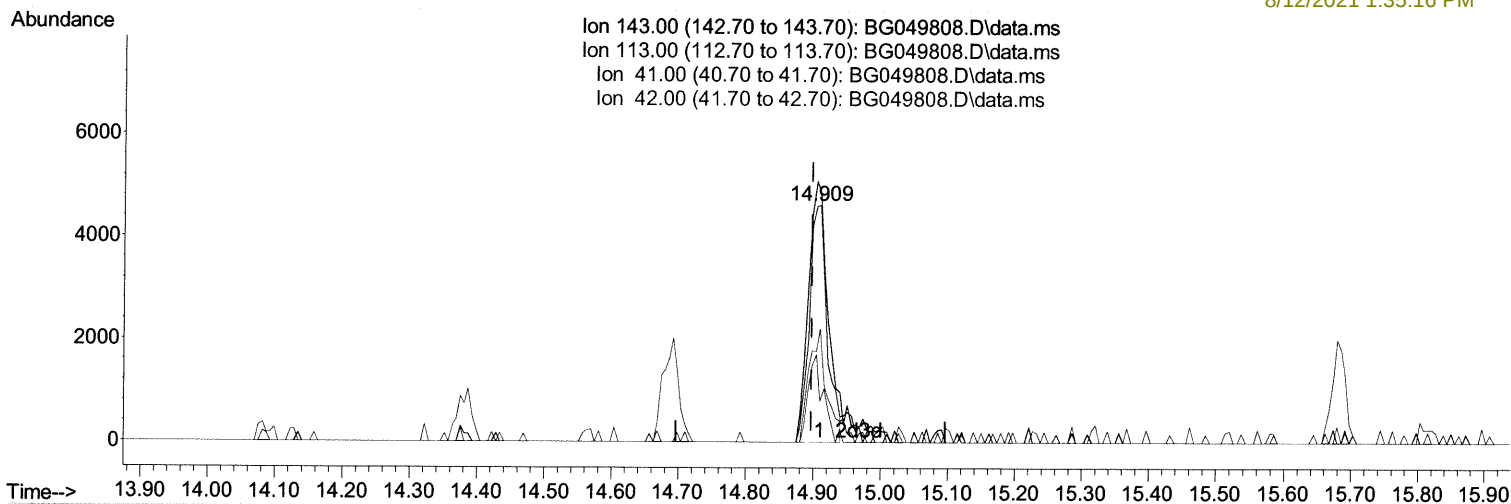
Instrument :
 BNA_G
 ClientSampleId :
 BGB12

Manual Integrations
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TIC: BG049808.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.909min (+ 0.012) 7.24 ng/ul

response 8446

Ion	Exp%	Act%
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143.00	100.00	100.00
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113.00	107.70	105.45
--------	--------	--------

41.00	45.40	47.91
-------	-------	-------

42.00	26.90	17.35#
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Quantitation Report (Qedit)

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 Data File : BG049808.D
 Acq On : 12 Aug 2021 4:38
 Operator : CG/JU
 Sample : M3287-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

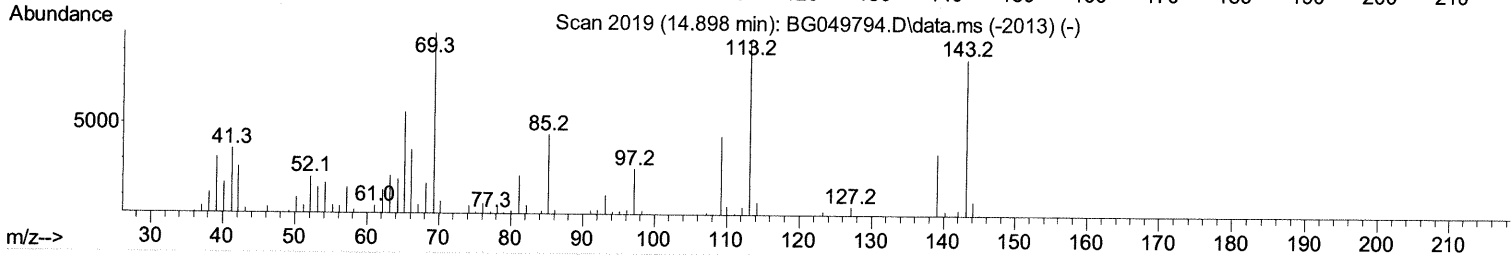
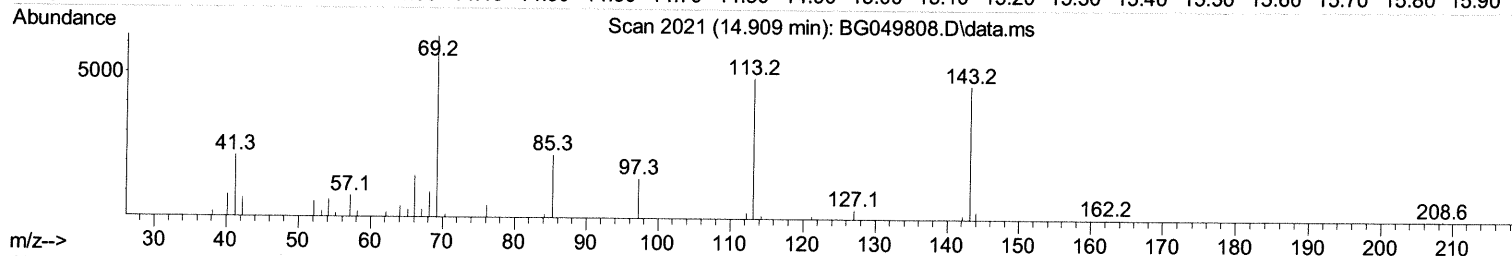
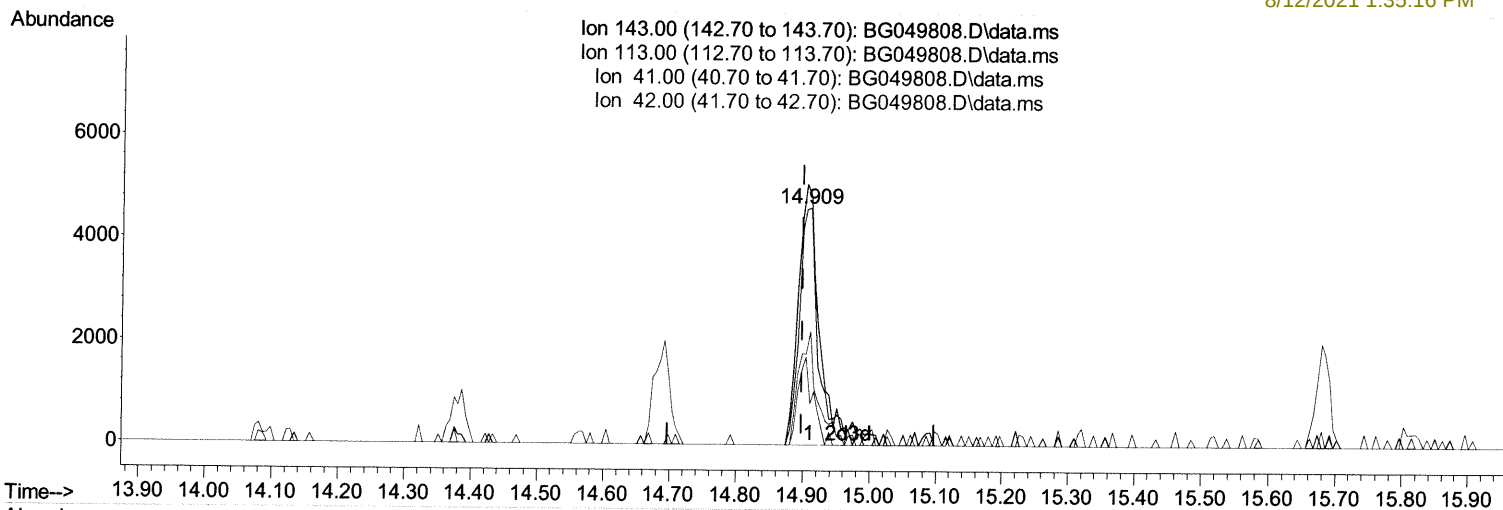
Instrument :
 BNA_G
 ClientSampleId :
 BGB12

Manual Integrations
 APPROVED

mohammad

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TIC: BG049808.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.909min (+ 0.012) 7.78 ng/ul m

response 9082

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.70	105.45
41.00	45.40	47.91
42.00	26.90	17.35#

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Quantitation Report (Qedit)

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 Data File : BG049808.D
 Acq On : 12 Aug 2021 4:38
 Operator : CG/JU
 Sample : M3287-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

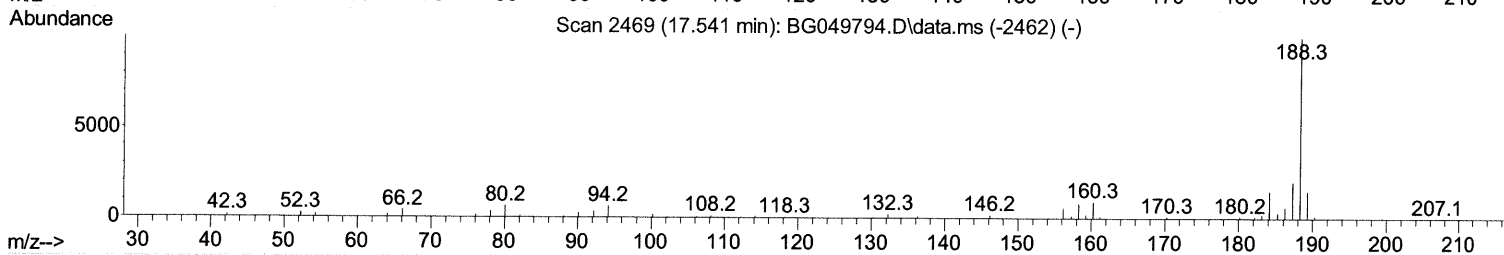
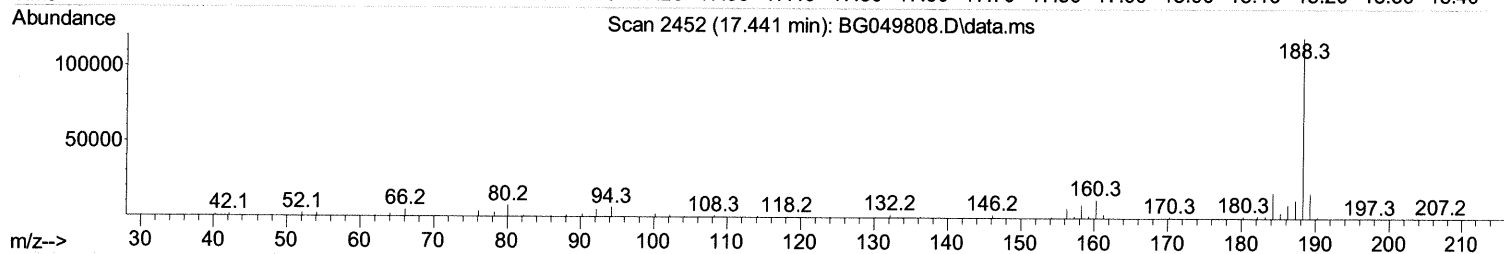
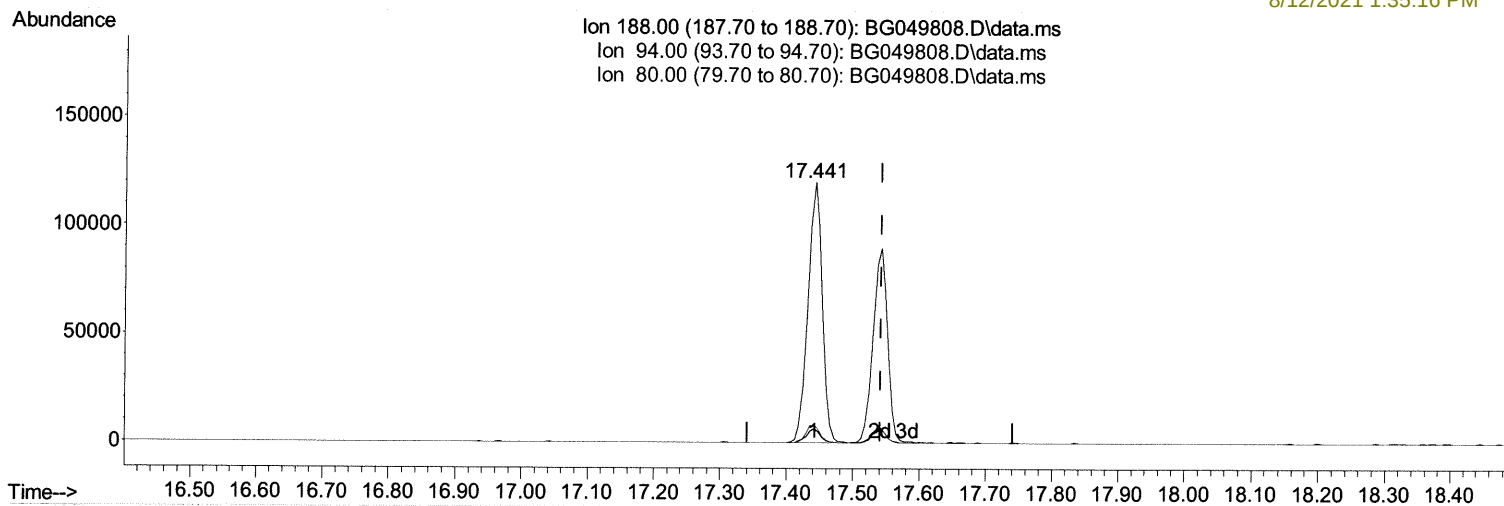
Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad

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TIC: BG049808.D\data.ms

(73) Anthracene-d10 (S)

17.441min (-0.099) 21.18 ng/ul

response 178835

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.42
80.00	6.00	6.53
0.00	0.00	0.00

Quantitation Report (Qedit)

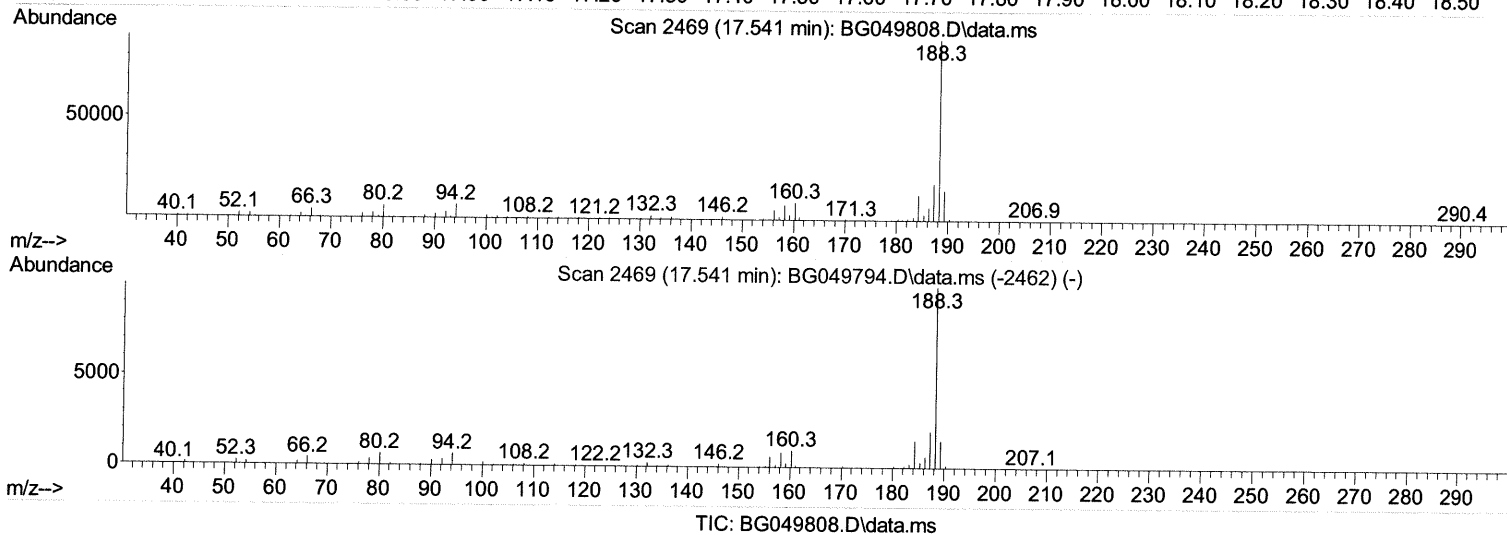
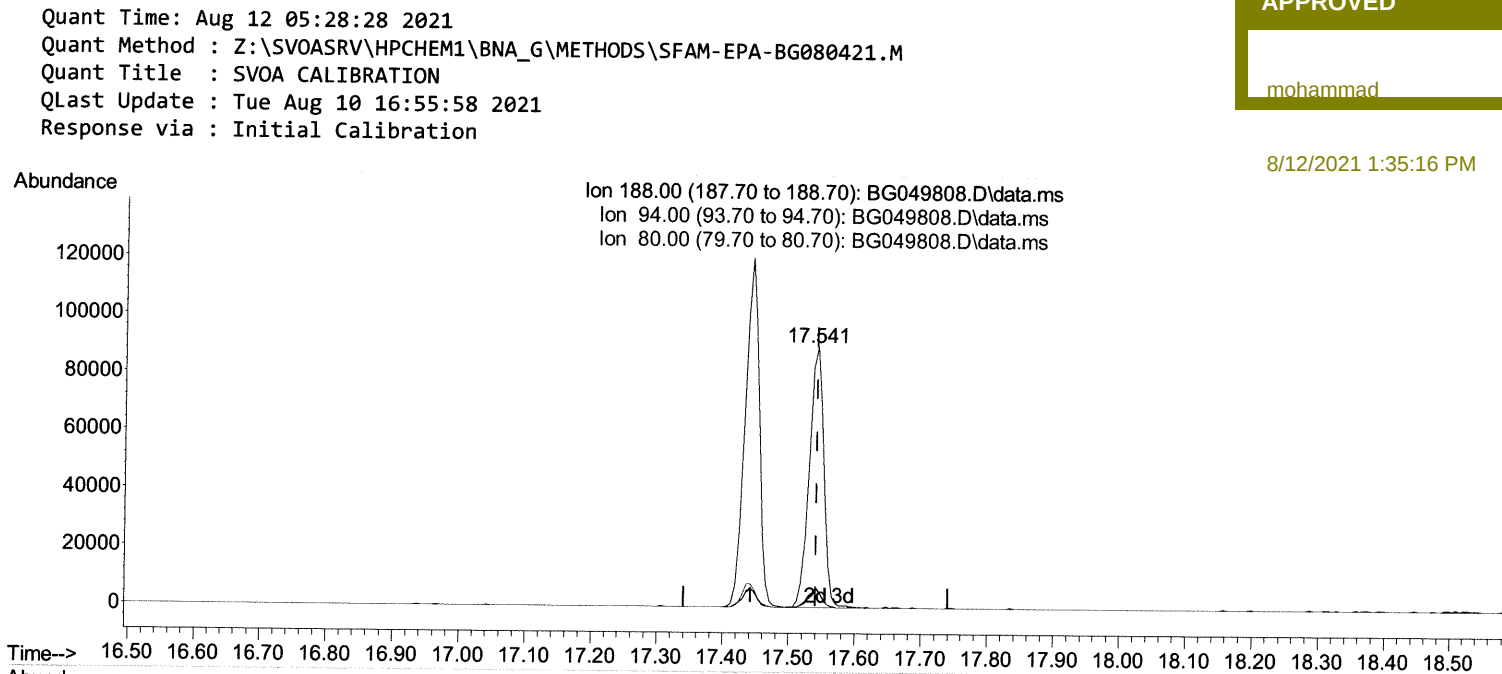
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049808.D
 Acq On : 12 Aug 2021 4:38
 Operator : CG/JU
 Sample : M3287-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB12

Manual Integrations
 APPROVED

mohammad

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(73) Anthracene-d10 (S)

17.541min (+ 0.000) 16.07 ng/ul m

response 135654

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	7.50#
80.00	6.00	7.06
0.00	0.00	0.00

just 21

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049808.D
Acq On : 12 Aug 2021 4:38
Operator : CG/JU
Sample : M3287-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

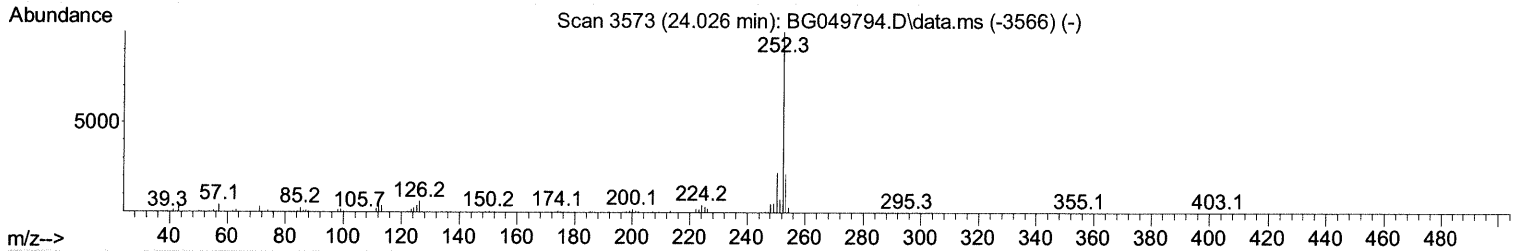
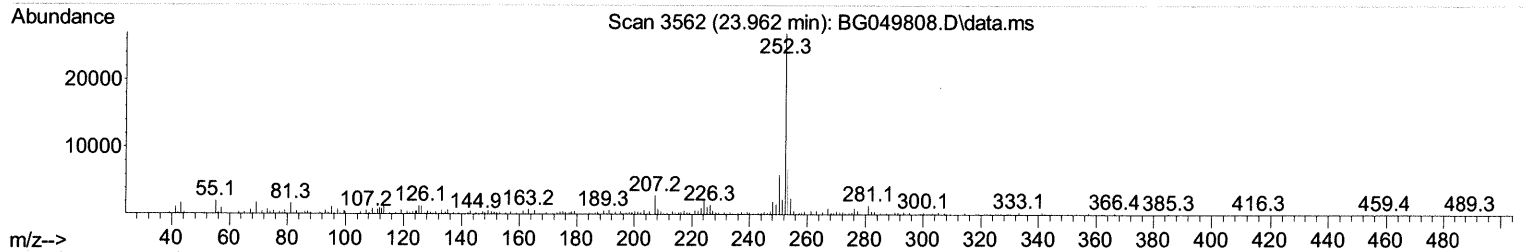
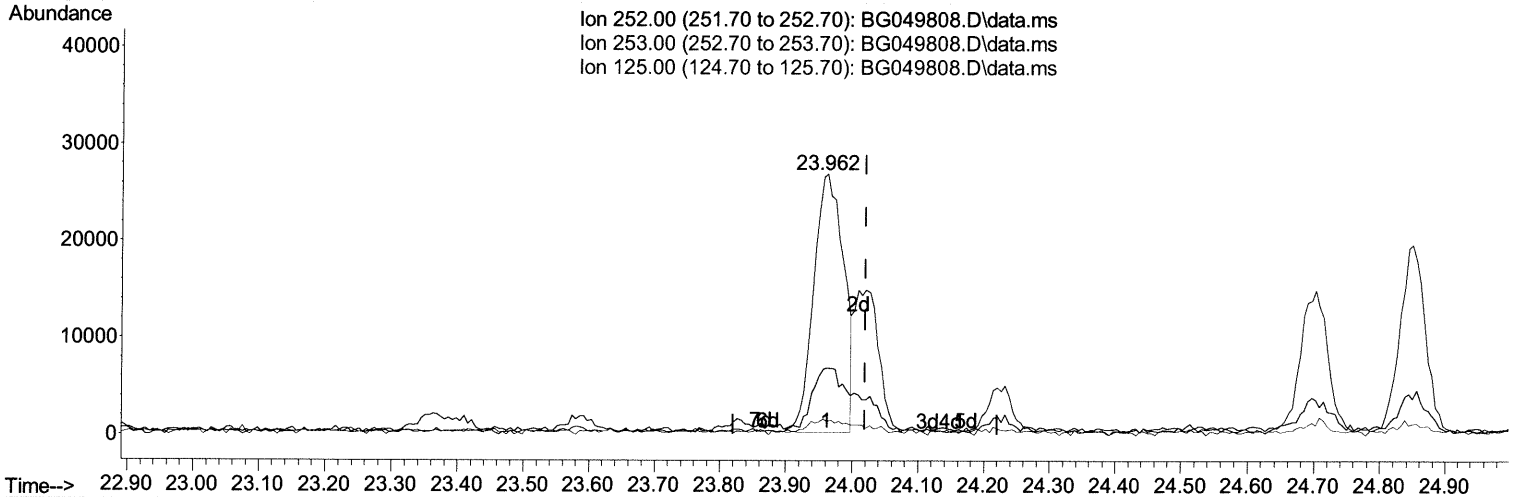
Instrument :
BNA_G
ClientSampleId :
BGB12

Manual Integrations
APPROVED

mohammad

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TIC: BG049808.D\data.ms

(91) Benzo(k)fluoranthene

23.962min (-0.058) 8.58 ng/ul

response 83943

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	25.60
125.00	4.80	4.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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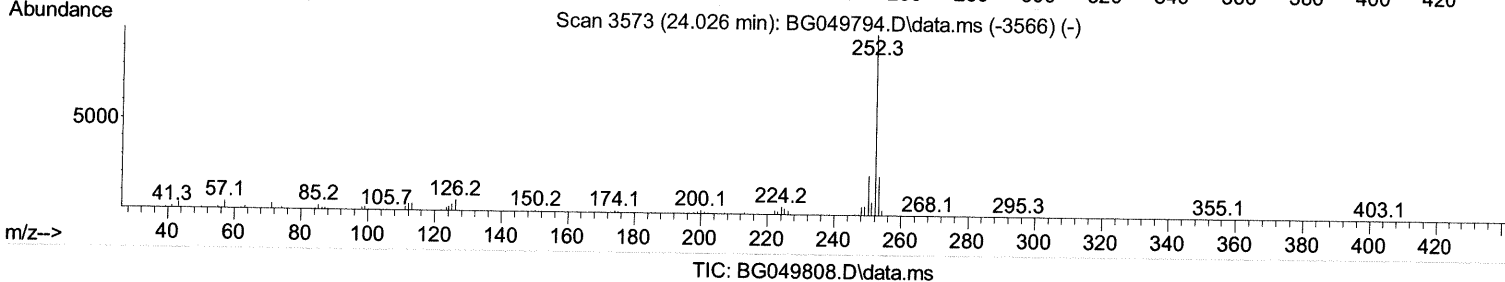
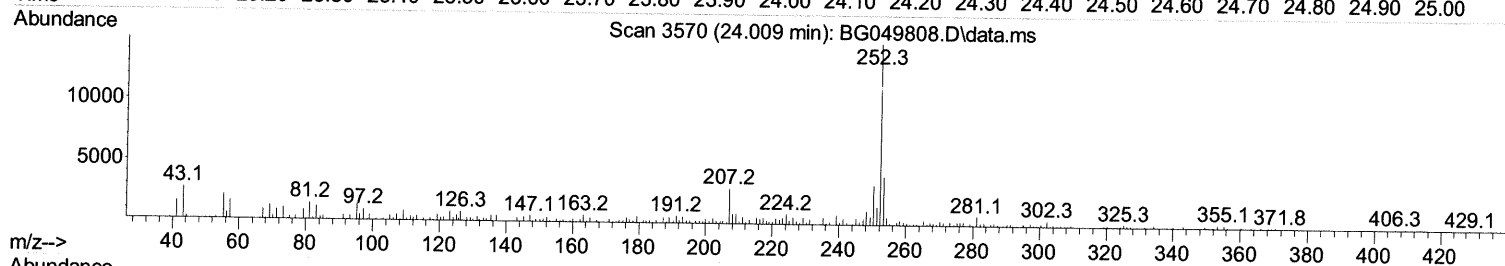
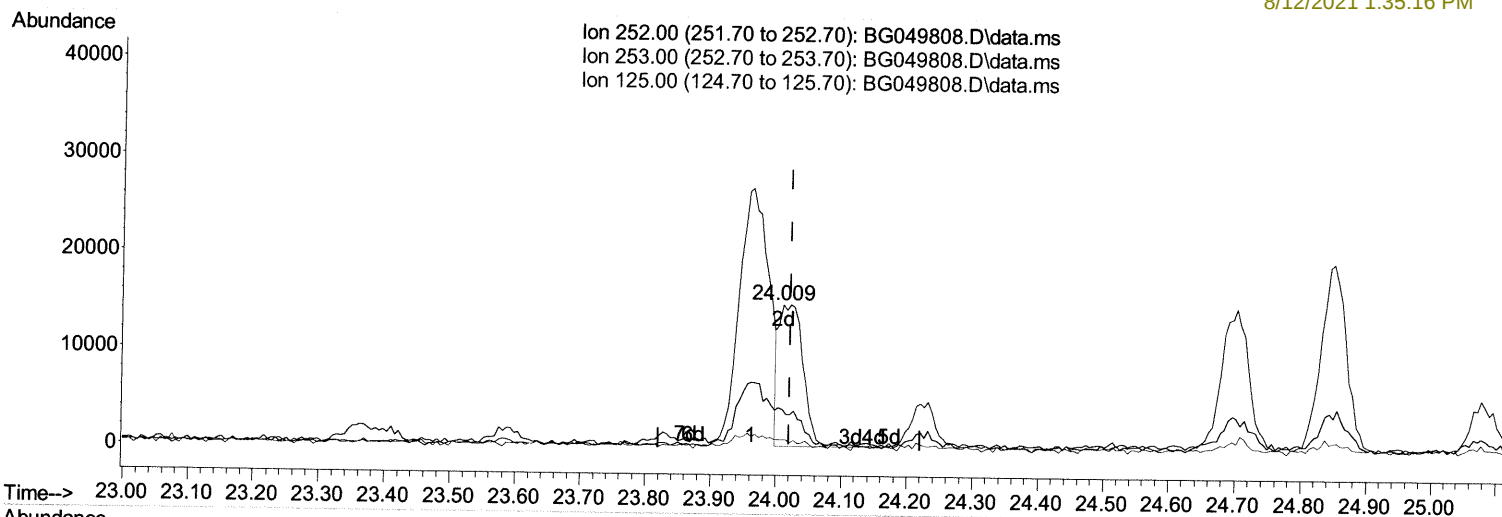
Instrument :
 BNA_G
 ClientSampleId :
 BGB12

Manual Integrations
 APPROVED

mohammad

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(91) Benzo(k) fluoranthene

24.009min (-0.011) 3.85 ng/ul m

response 37701

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	27.32#
125.00	4.80	4.16
0.00	0.00	0.00

JU 8/16/21

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Sample : M3287-13
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ALS Vial : 27 Sample Multiplier: 1

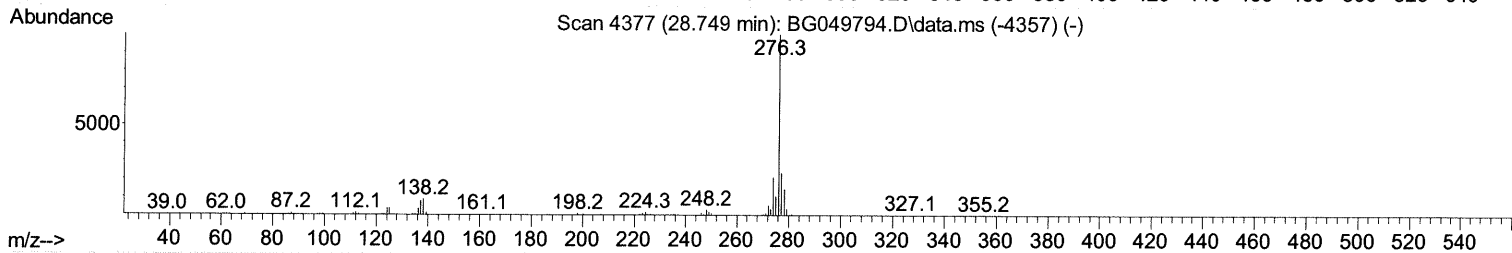
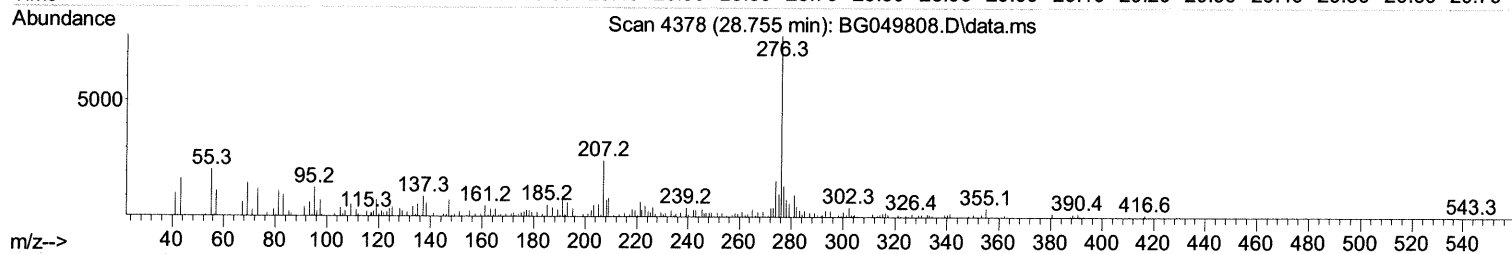
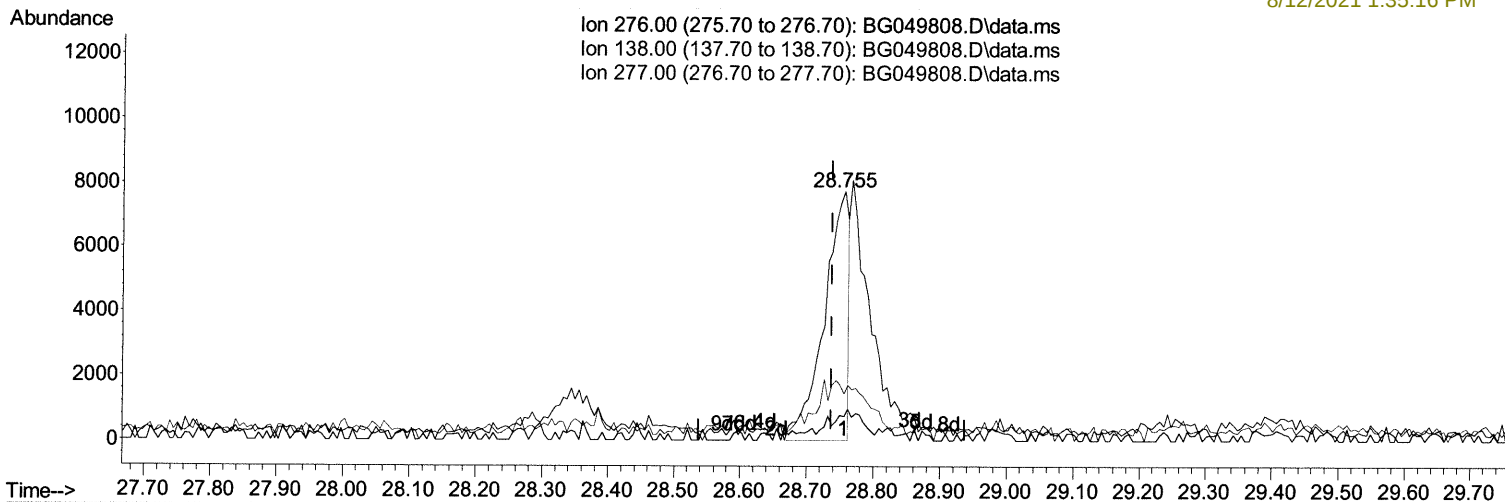
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(94) Indeno(1,2,3-cd)pyrene

28.755min (+ 0.018) 1.73 ng/ul

response 19721

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	9.41
277.00	24.30	18.54#
0.00	0.00	0.00

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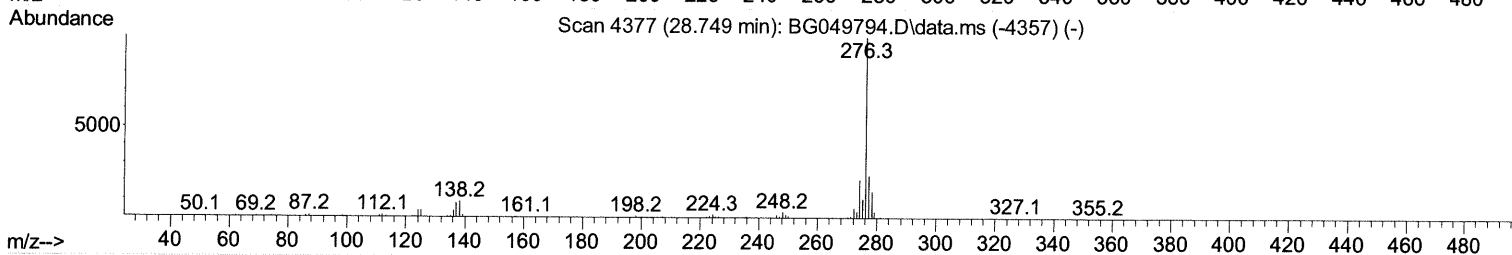
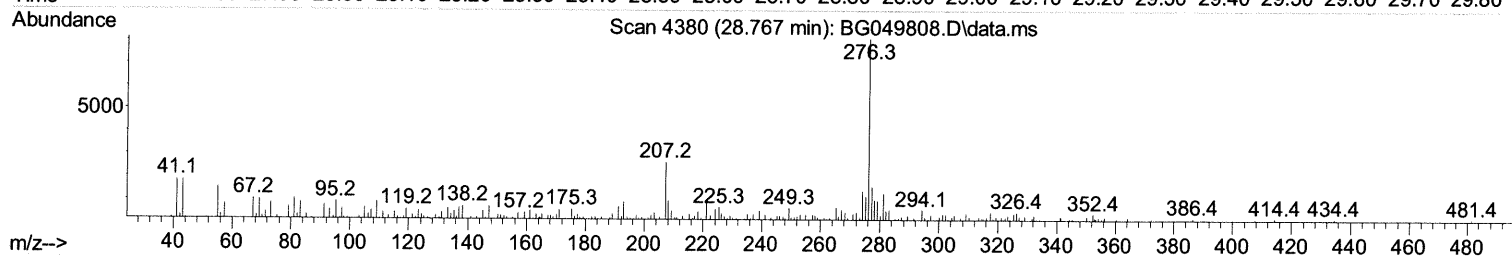
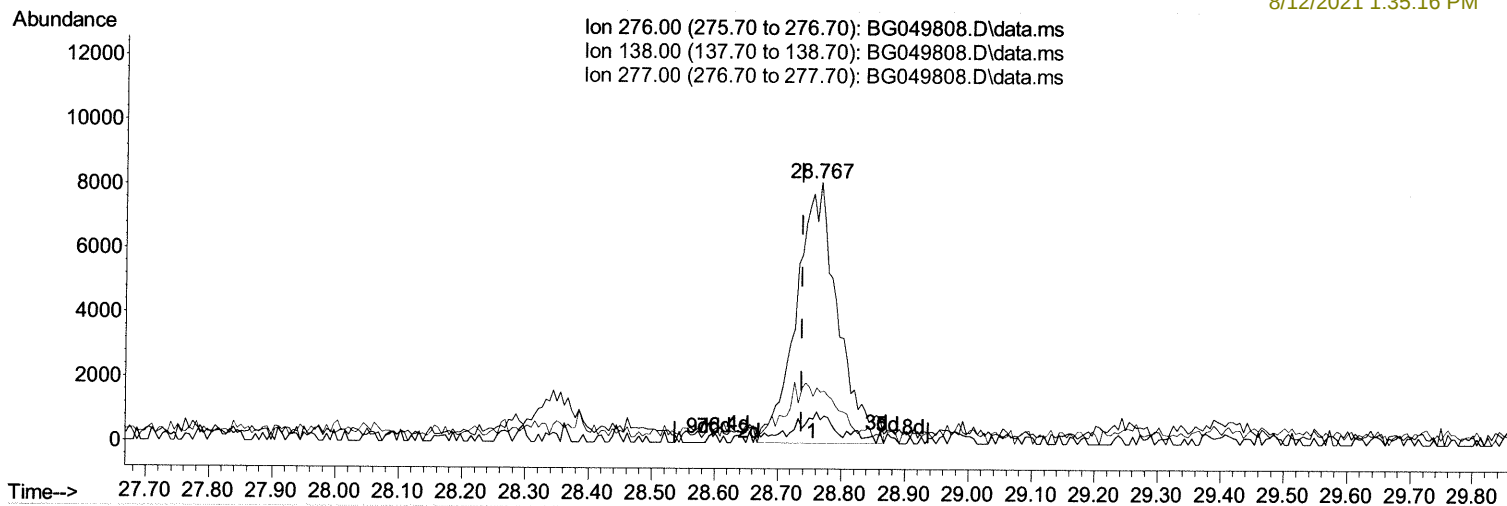
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TIC: BG049808.D\data.ms

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

28.767min (+ 0.030) 3.24 ng/ul m

response 36870

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.91
277.00	24.30	19.54
0.00	0.00	0.00

JU 8/12/21

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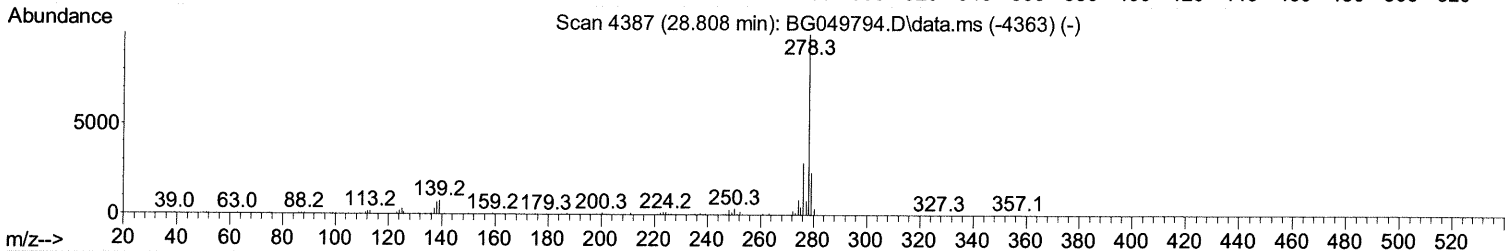
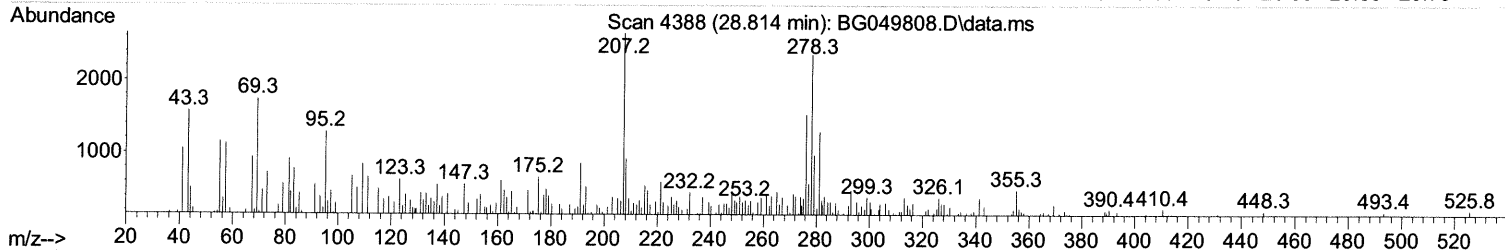
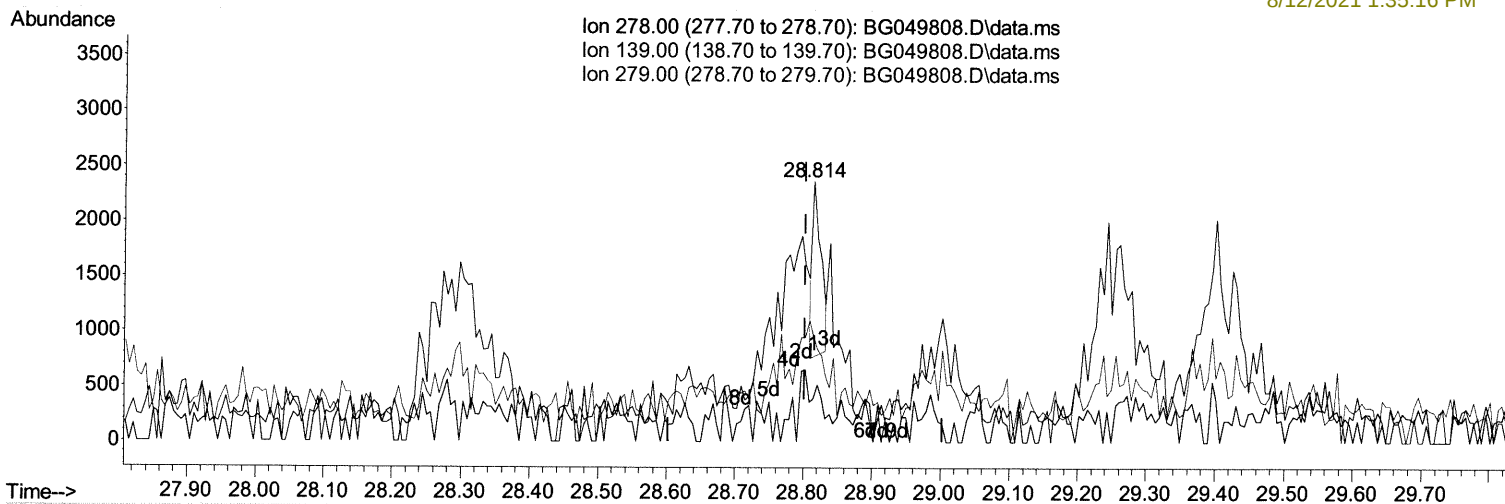
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TIC: BG049808.D\data.ms

(95) Dibenzo(a,h)anthracene

28.814min (+ 0.012) 0.15 ng/ul

response 1386

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	16.36#
279.00	23.60	40.97#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

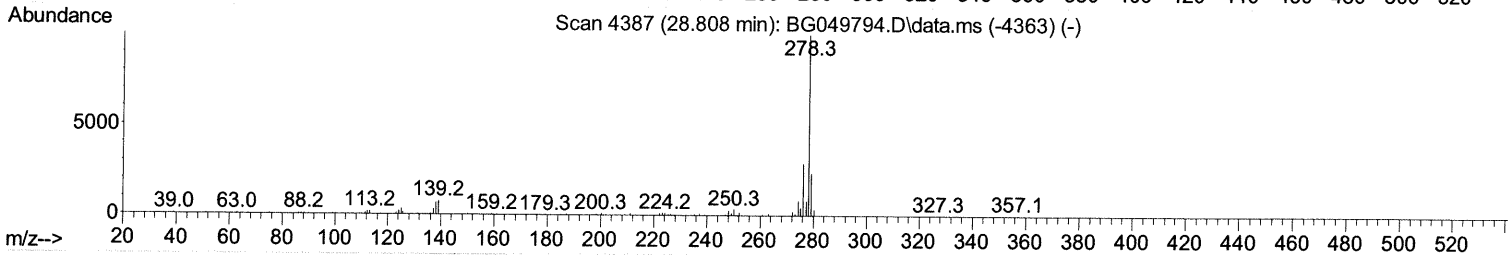
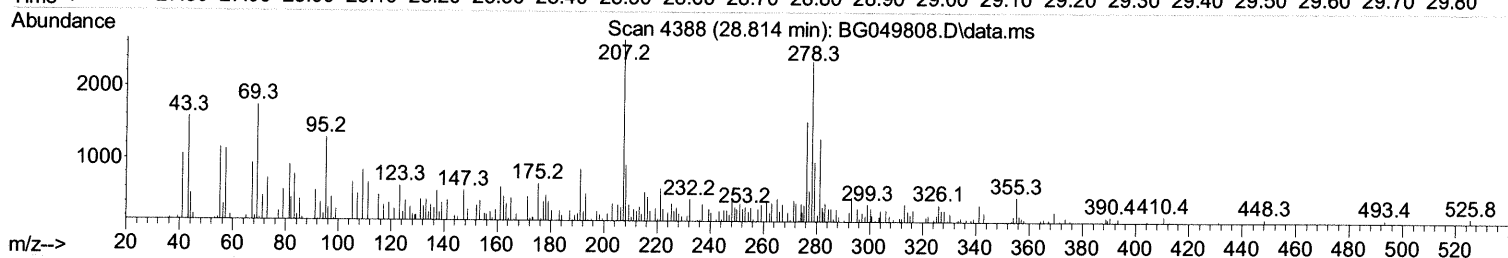
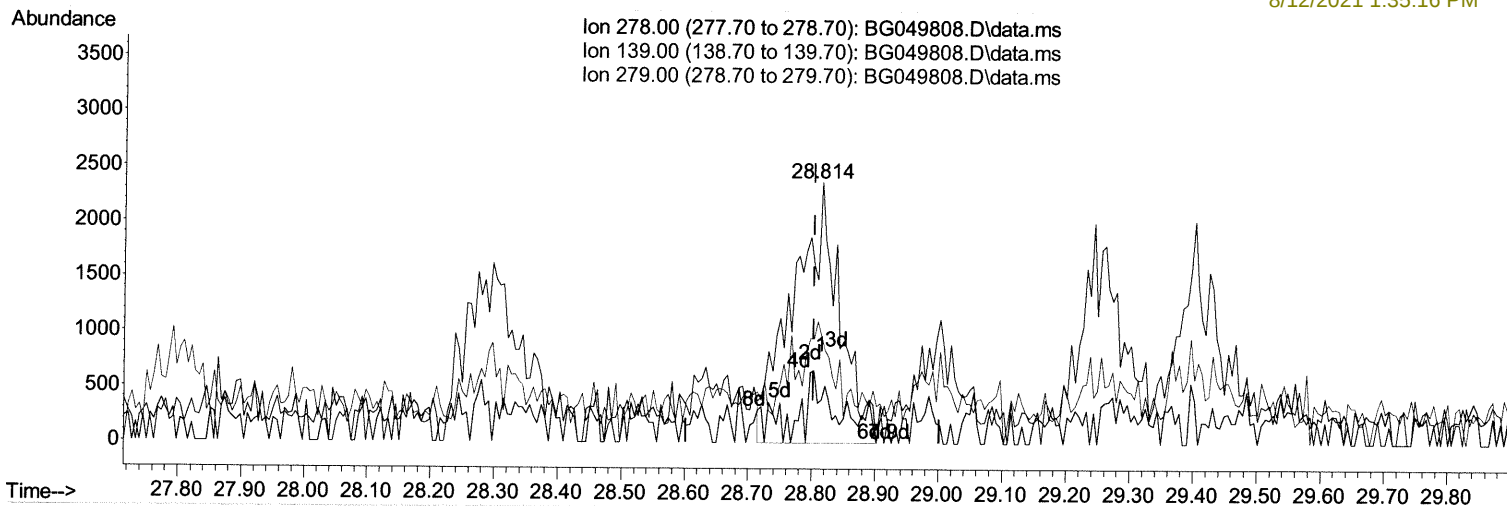
Instrument :
 BNA_G
 ClientSampleId :
 BGB12

Manual Integrations
 APPROVED

mohammad

Quant Time: Aug 12 05:28:28 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

8/12/2021 1:35:16 PM



TIC: BG049808.D\data.ms

(95) Dibenzo(a,h)anthracene

28.814min (+ 0.012) 1.26 ng/ul m

response 11922

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	16.36#
279.00	23.60	40.97#
0.00	0.00	0.00

Jul 8/10/21

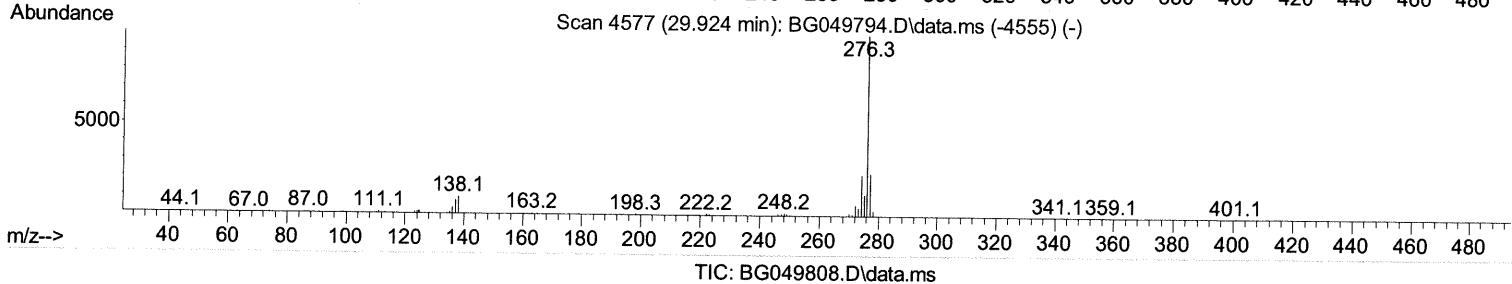
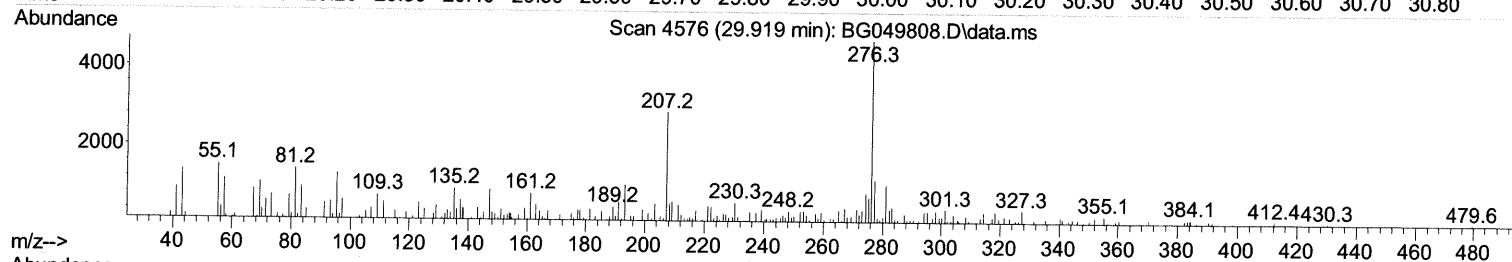
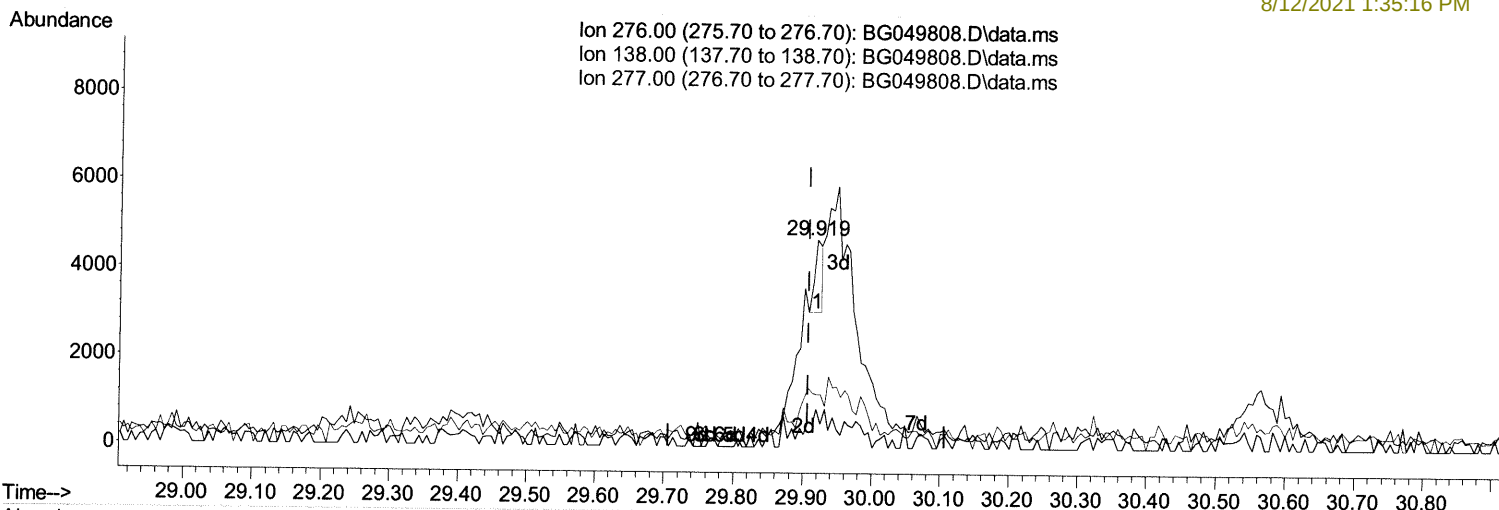
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049808.D
Acq On : 12 Aug 2021 4:38
Operator : CG/JU
Sample : M3287-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB12

Manual Integrations
APPROVED

mohammad

8/12/2021 1:35:16 PM



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

29.919min (+ 0.012) 0.14 ng/ul

response 1353

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	18.17#
277.00	24.40	25.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049808.D
 Acq On : 12 Aug 2021 4:38
 Operator : CG/JU
 Sample : M3287-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

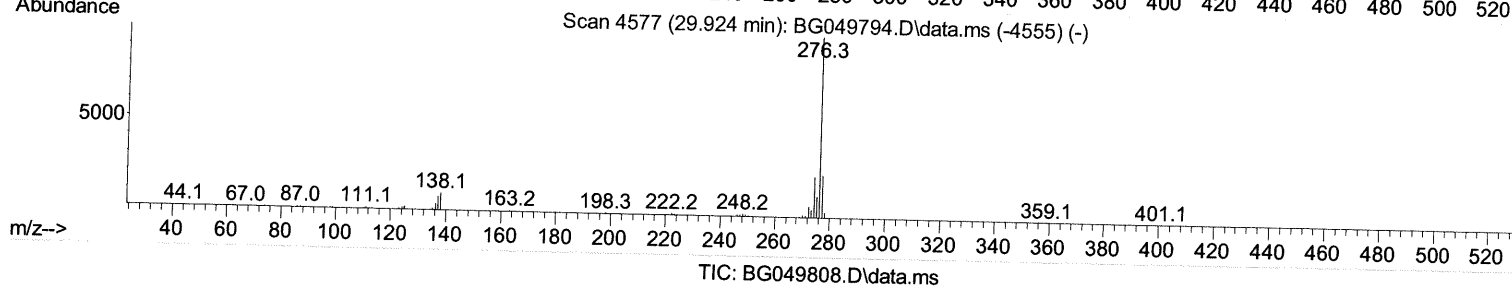
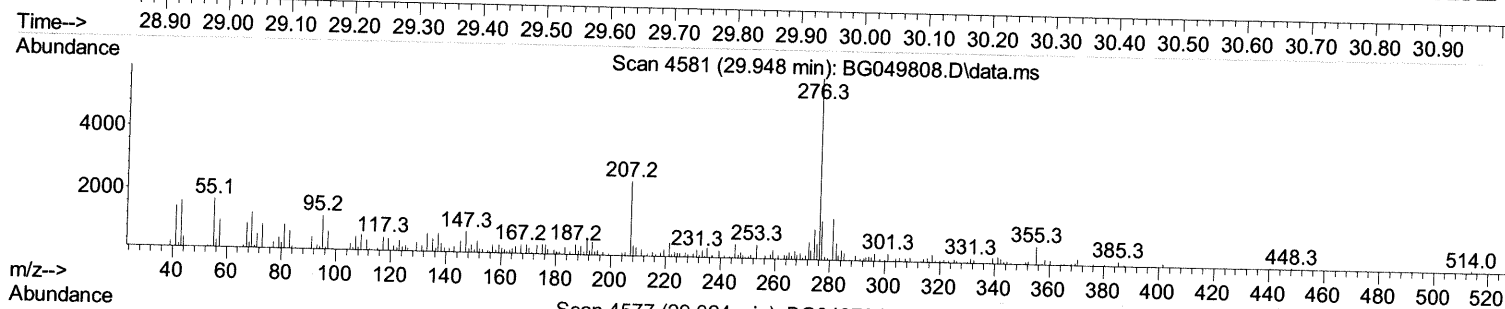
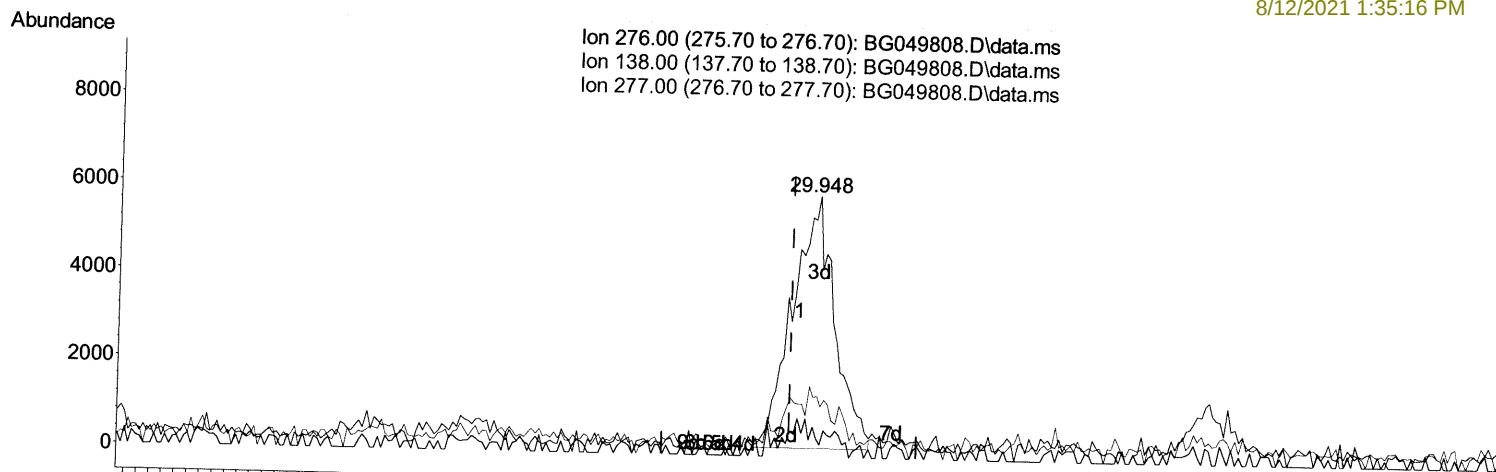
Instrument :
 BNA_G
 ClientSampleId :
 BGB12

Manual Integrations
 APPROVED

mohammad

Quant Time: Aug 12 05:28:28 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

8/12/2021 1:35:16 PM



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

29.948min (+ 0.042) 2.76 ng/ul m

response 26146

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	7.05#
277.00	24.40	23.28
0.00	0.00	0.00

268/9/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049808.D
 Acq On : 12 Aug 2021 4:38
 Operator : CG/JU
 Sample : M3287-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB12

Manual Integrations
 APPROVED

mohammad

8/12/2021 1:35:16 PM

Quant Time: Aug 12 05:28:28 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	30834	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	133072	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	91998	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	178835	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	150318	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	150772	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	1400m	2.123	ng/ul	0.00
4) Pyridine-d5	3.848	84	10613	5.363	ng/ul	0.00
7) Phenol-d5	7.196	99	31305	11.187	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.349	67	19365	12.047	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	27772	13.866	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	23798	11.154	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	14235	13.580	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	17222m	14.386	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	31622	14.009	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	31485	10.189	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	105864	14.663	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	125398	14.599	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	9082m	7.780	ng/ul	0.01
60) Fluorene-d10	15.679	176	92695	14.937	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	6186	5.139	ng/ul	0.00
73) Anthracene-d10	17.541	188	135654m	16.070	ng/ul	0.00
81) Pyrene-d10	19.826	212	144091	17.398	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.778	264	132381	16.024	ng/ul	0.01
Target Compounds						
72) Phenanthrene	17.482	178	25873	2.733	ng/ul#	94
80) Fluoranthene	19.497	202	95948	9.387	ng/ul#	97
82) Pyrene	19.856	202	95366	9.354	ng/ul	98
85) Benzo(a)anthracene	21.700	228	64447	6.530	ng/ul	94
87) Chrysene	21.771	228	63627	6.903	ng/ul	99
90) Benzo(b)fluoranthene	23.962	252	83943	8.518	ng/ul	93
91) Benzo(k)fluoranthene	24.009	252	37701m	3.853	ng/ul	95
93) Benzo(a)pyrene	24.849	252	52599	6.063	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.767	276	36870m	3.239	ng/ul	
95) Dibenzo(a,h)anthracene	28.814	278	11922m	1.255	ng/ul	
96) Benzo(g,h,i)perylene	29.948	276	26146m	2.762	ng/ul	

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