

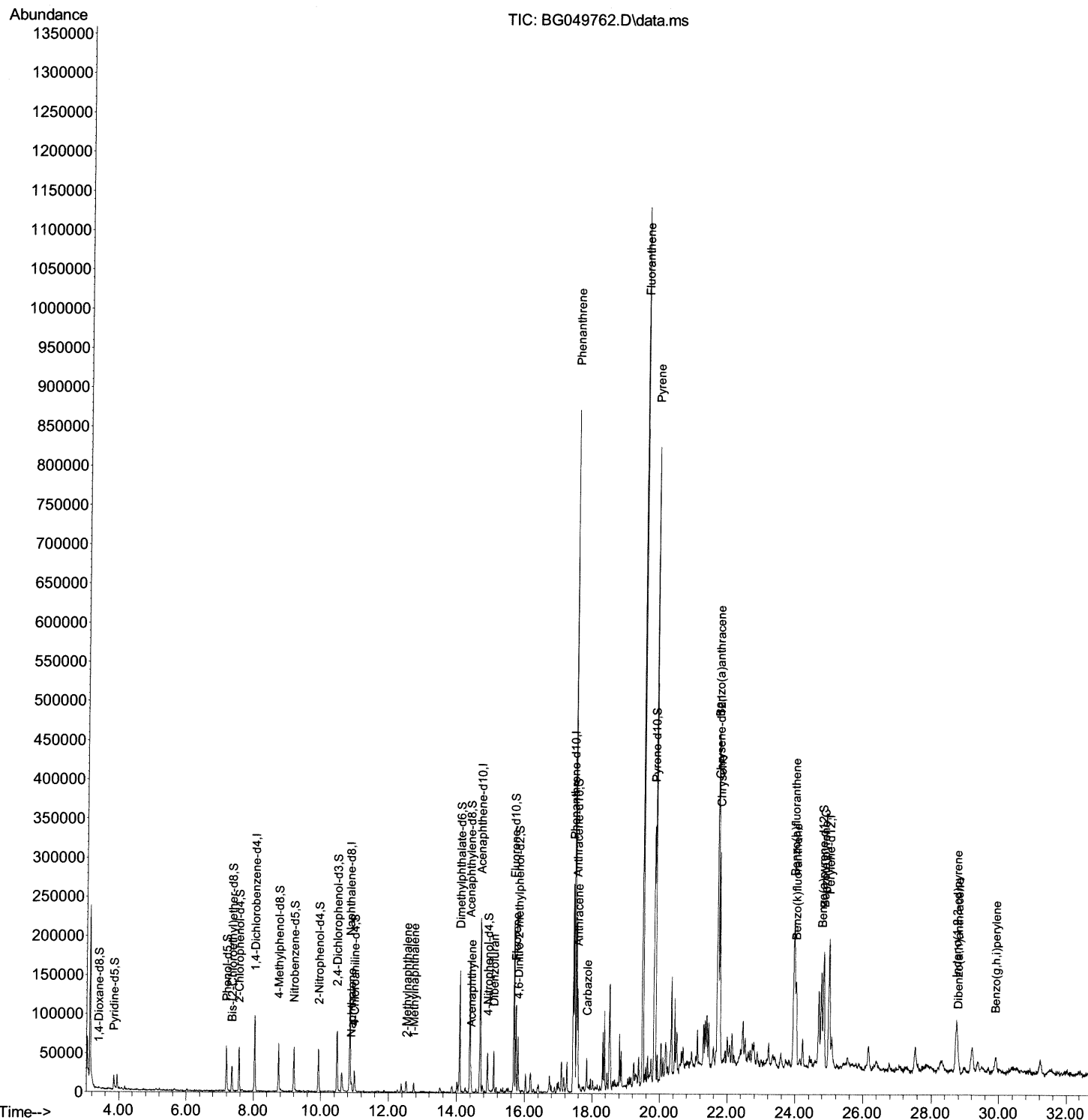
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049762.D
Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00D8

Manual Integrations
APPROVED

mohammad
8/11/2021 9:32:37 PM

Quant Time: Aug 11 03:05:08 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



Quantitation Report (Qedit)

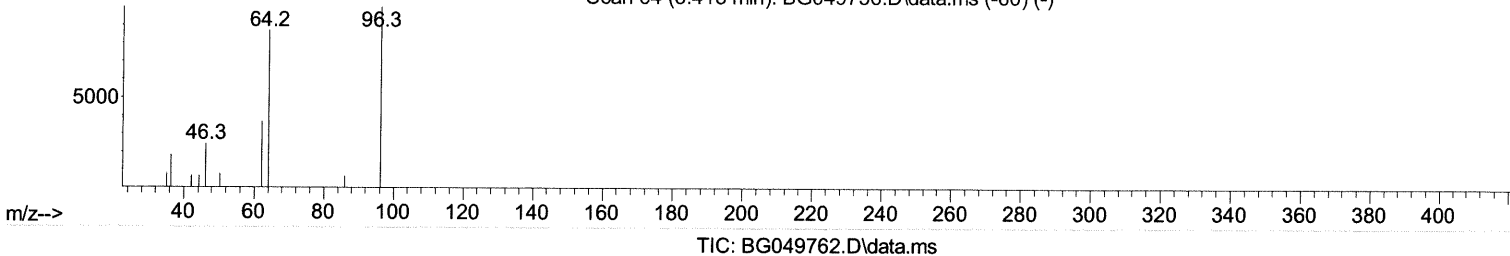
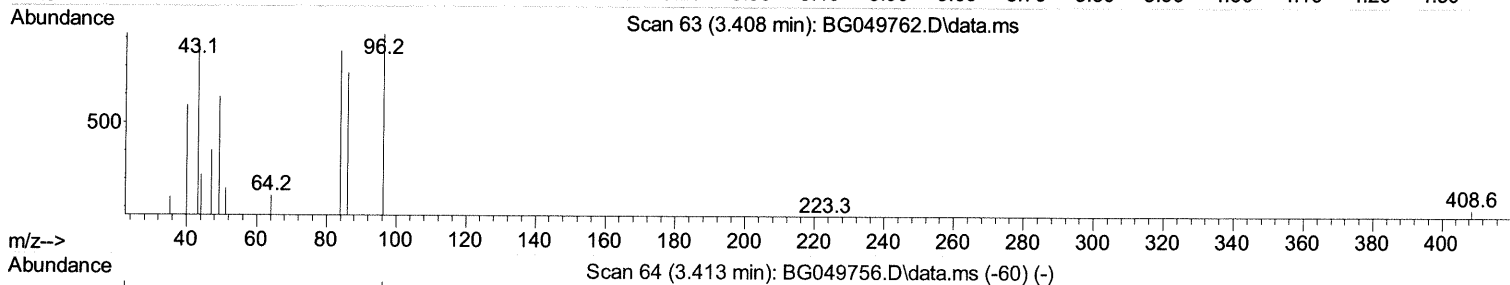
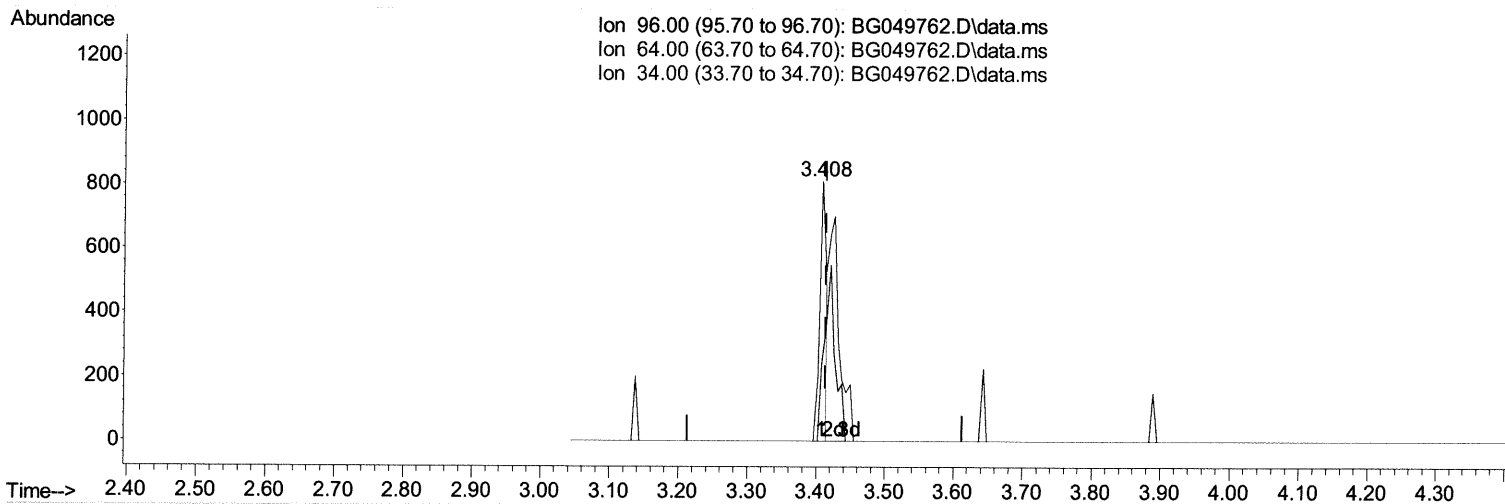
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(3) 1,4-Dioxane-d8 (S)

3.408min (-0.005) 0.92 ng/uL

response 543

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	29.61#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

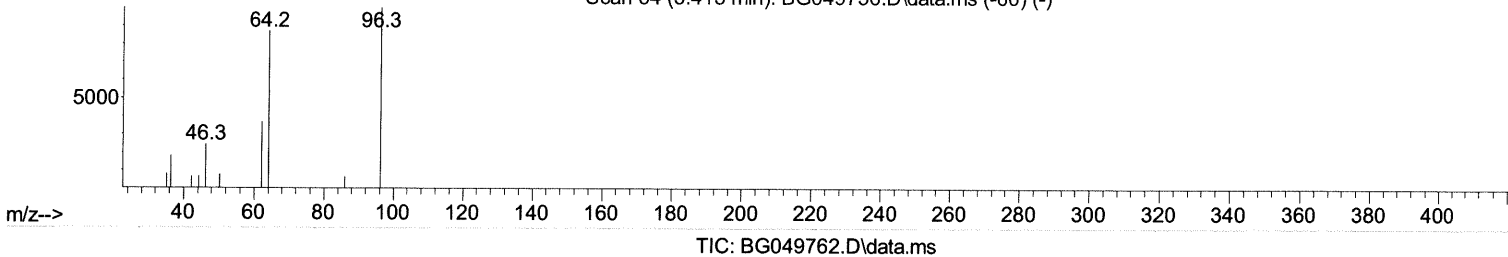
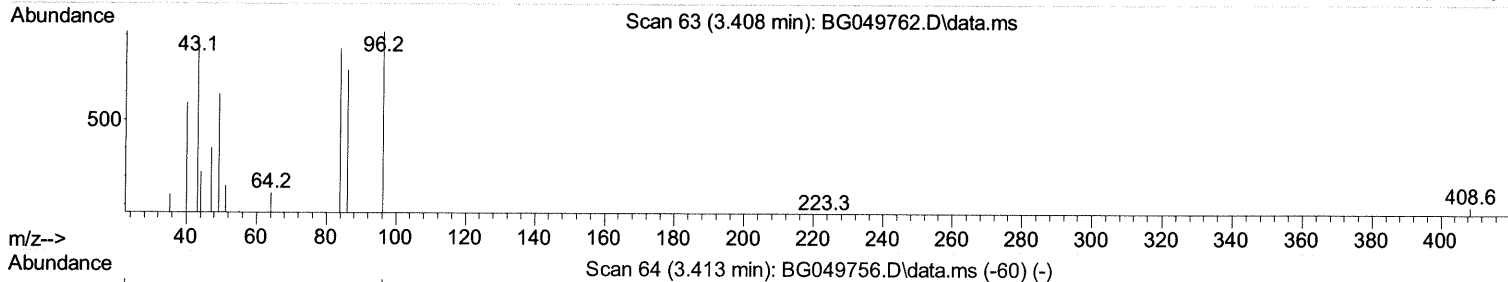
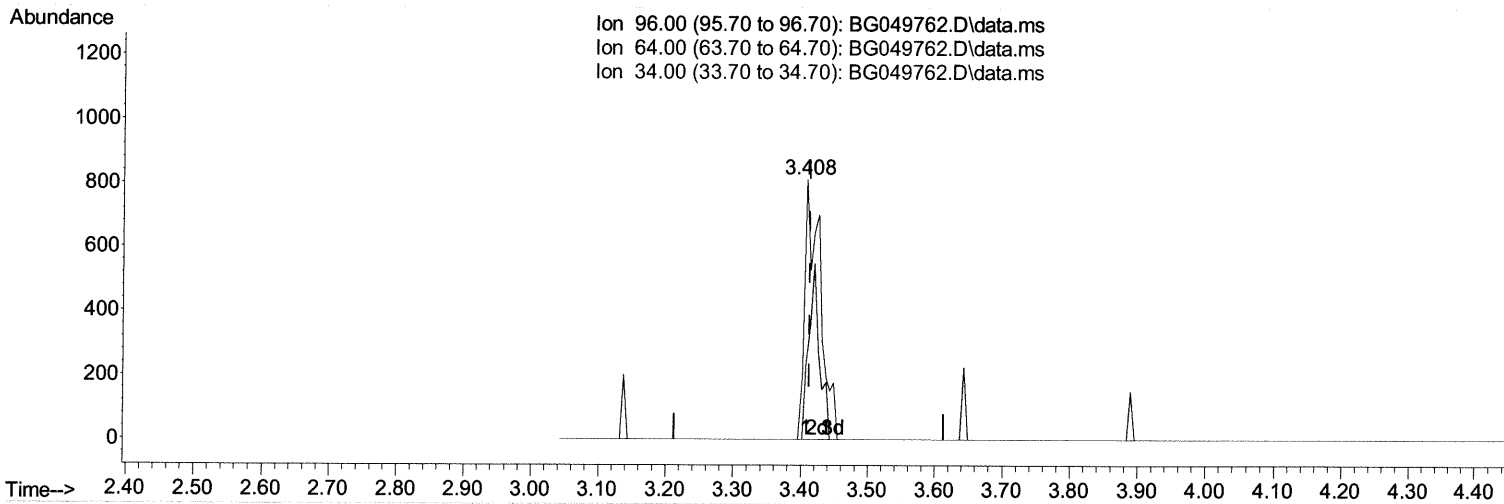
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TIC: BG049762.D\data.ms

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

3.408min (-0.005) 2.21 ng/uL m 08/11/21 JU

response 1310

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	29.61#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

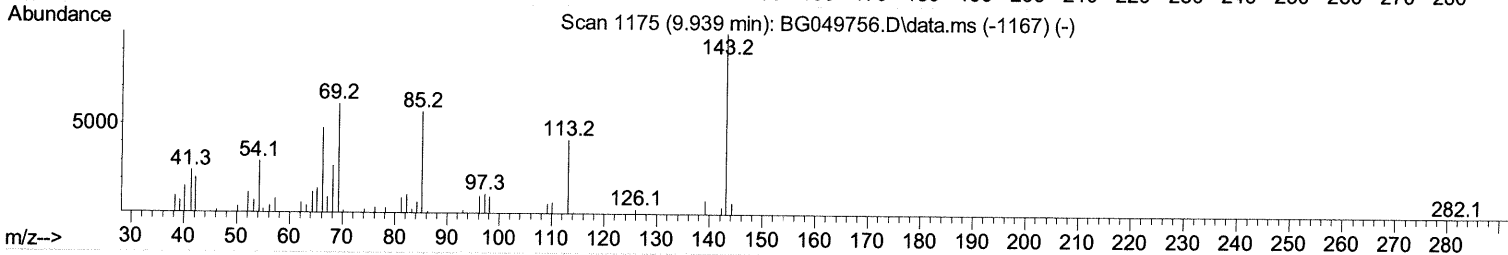
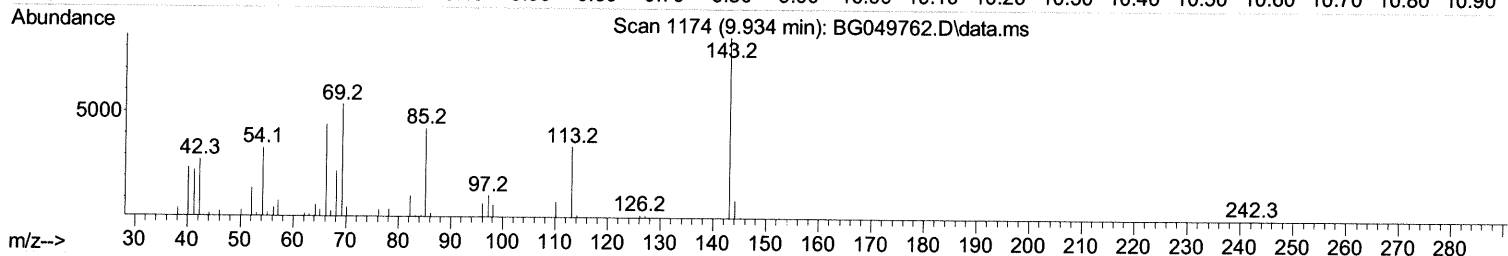
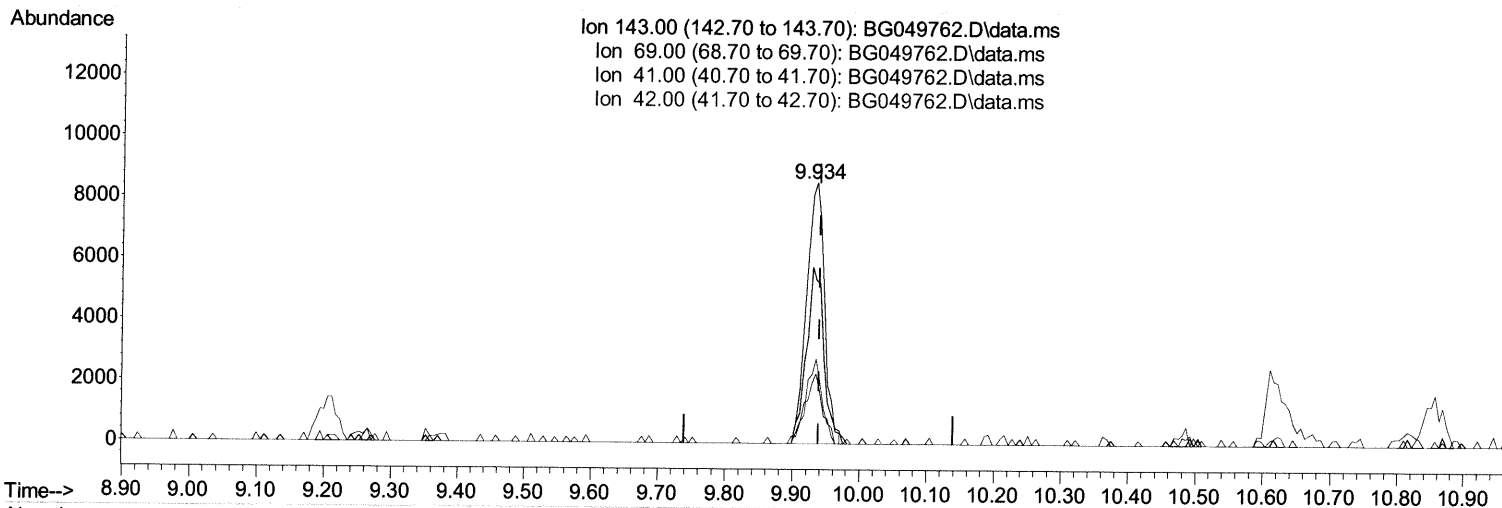
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049762.D
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TIC: BG049762.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.934min (-0.005) 15.59 ng/ul

response 16076

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	56.40	62.69
41.00	27.90	26.73
42.00	27.50	32.42

Quantitation Report (Qedit)

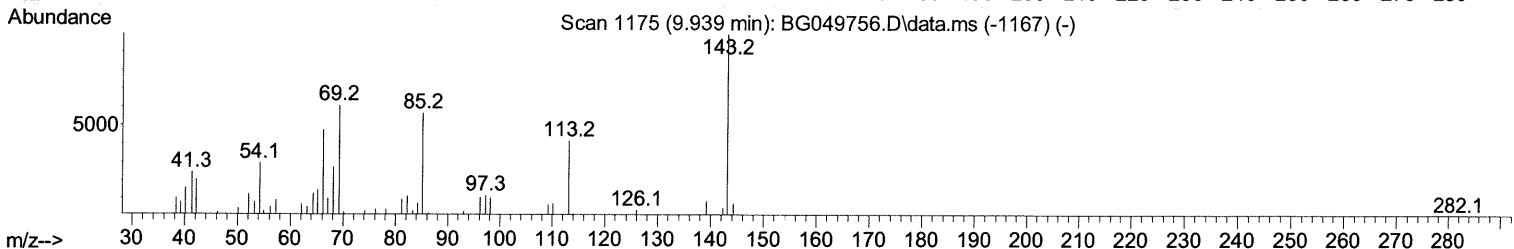
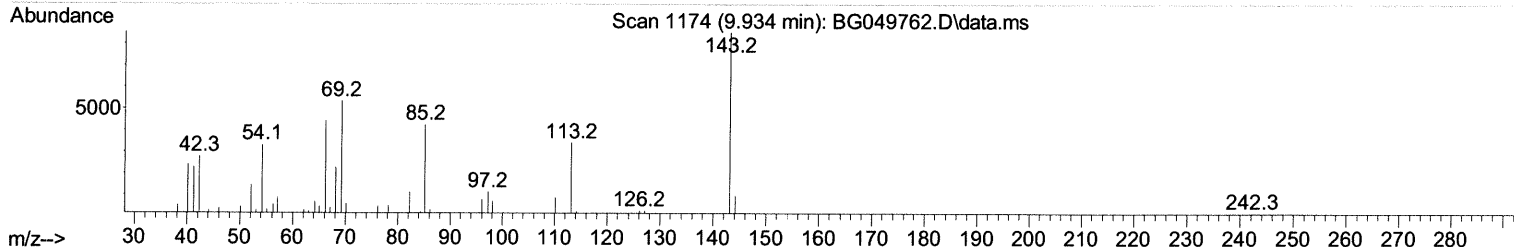
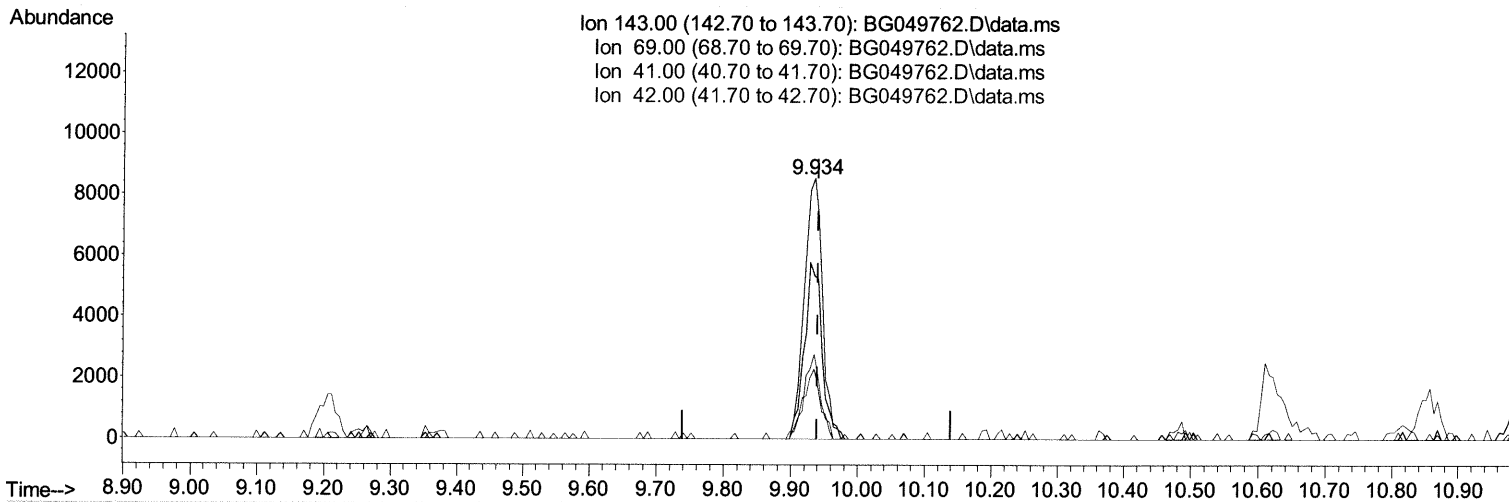
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049762.D
 Acq On : 10 Aug 2021 18:28
 Operator : CG/JU
 Sample : M3182-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D8

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 11 03:05:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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TIC: BG049762.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.934min (-0.005) 15.66 ng/ul m 08/12/21 JU

response 16153

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	56.40	62.69
41.00	27.90	26.73
42.00	27.50	32.42

Quantitation Report (Qedit)

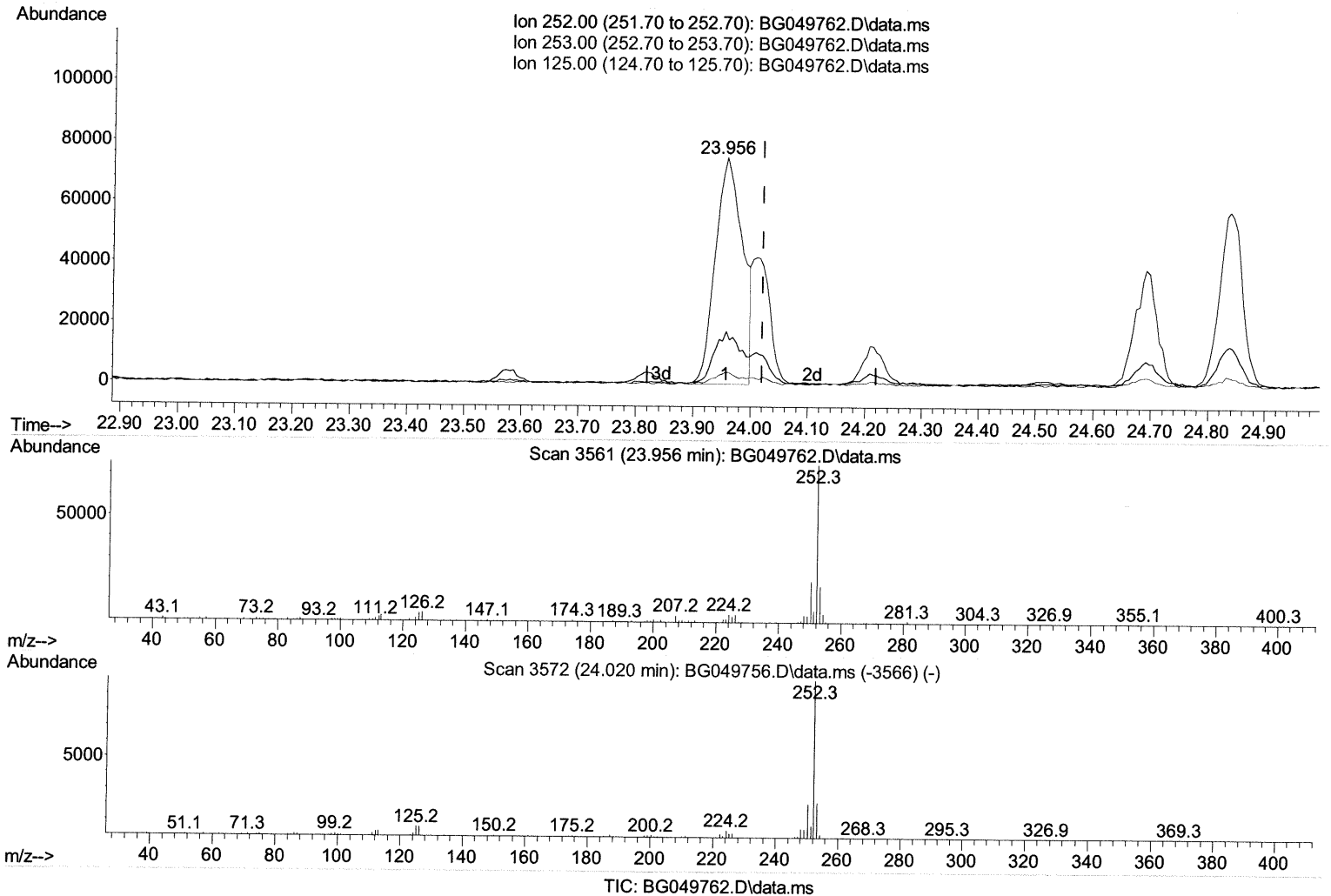
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049762.D
 Acq On : 10 Aug 2021 18:28
 Operator : CG/JU
 Sample : M3182-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(91) Benzo(k)fluoranthene

23.956min (-0.064) 25.69 ng/u1

response 248047

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.18
125.00	4.80	5.27
0.00	0.00	0.00

Quantitation Report (Qedit)

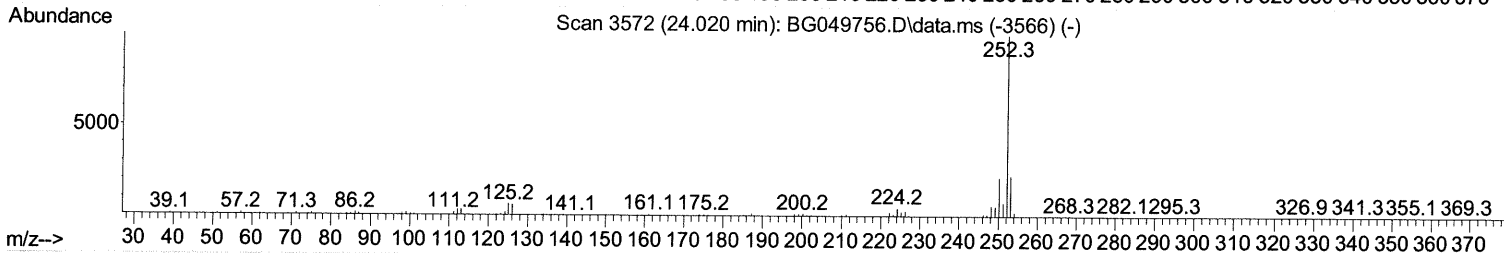
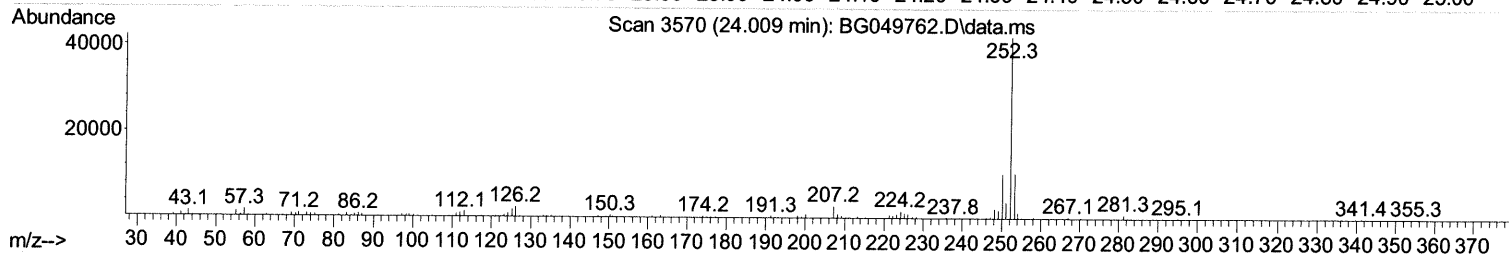
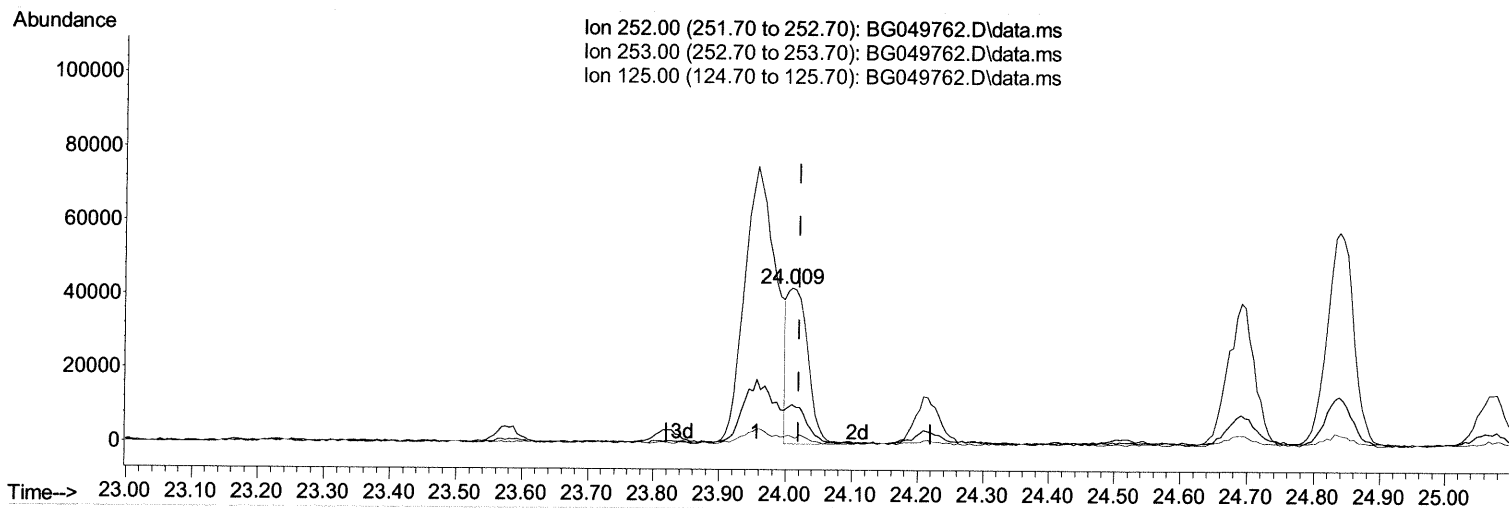
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049762.D
 Acq On : 10 Aug 2021 18:28
 Operator : CG/JU
 Sample : M3182-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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TIC: BG049762.D\data.ms

(91) Benzo(k)fluoranthene

24.009min (-0.011) 9.35 ng/ul m 08/12/21 JU

response 90246

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	25.13
125.00	4.80	4.58
0.00	0.00	0.00

Quantitation Report (Qedit)

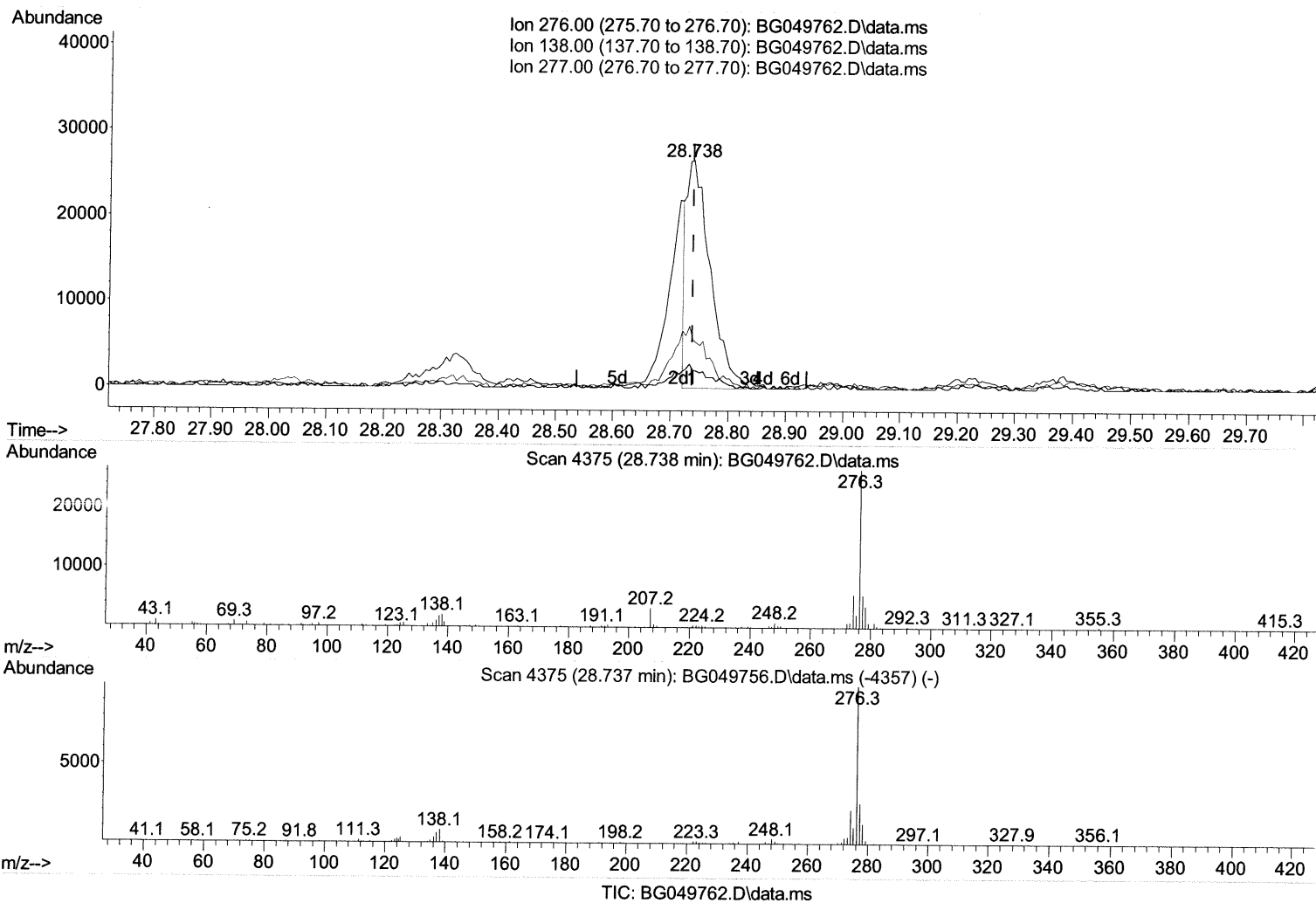
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049762.D
Acq On : 10 Aug 2021 18:28
Operator : CG/JU
Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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(94) Indeno(1,2,3-cd)pyrene

28.738min (+ 0.001) 6.69 ng/u1

response 75139

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.03
277.00	24.30	21.04
0.00	0.00	0.00

Quantitation Report (Qedit)

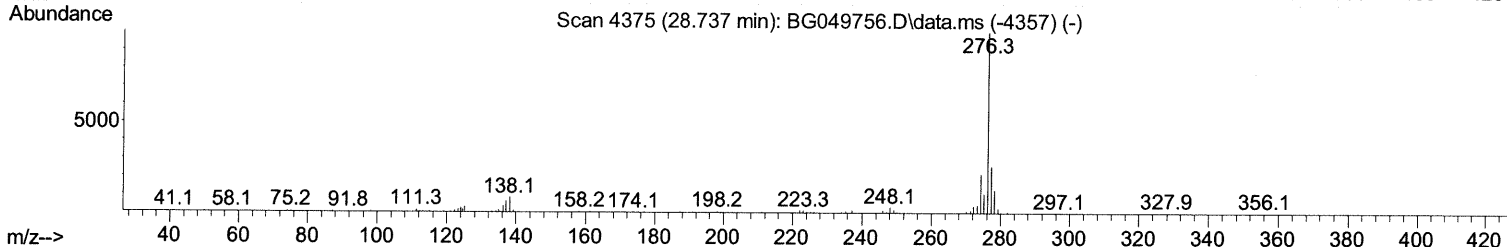
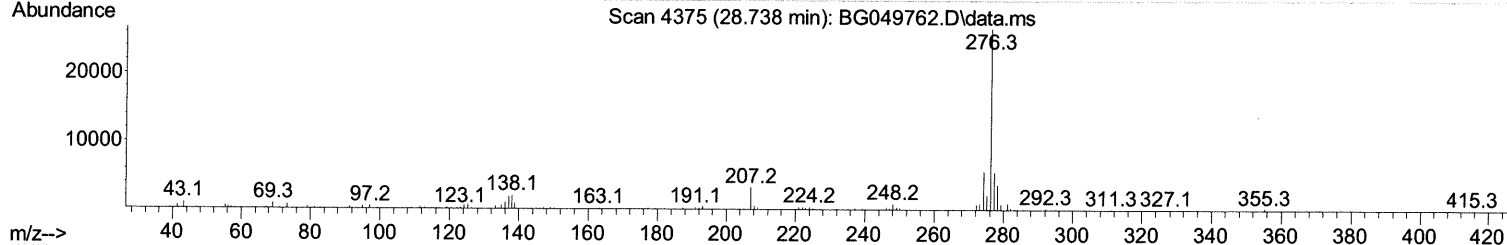
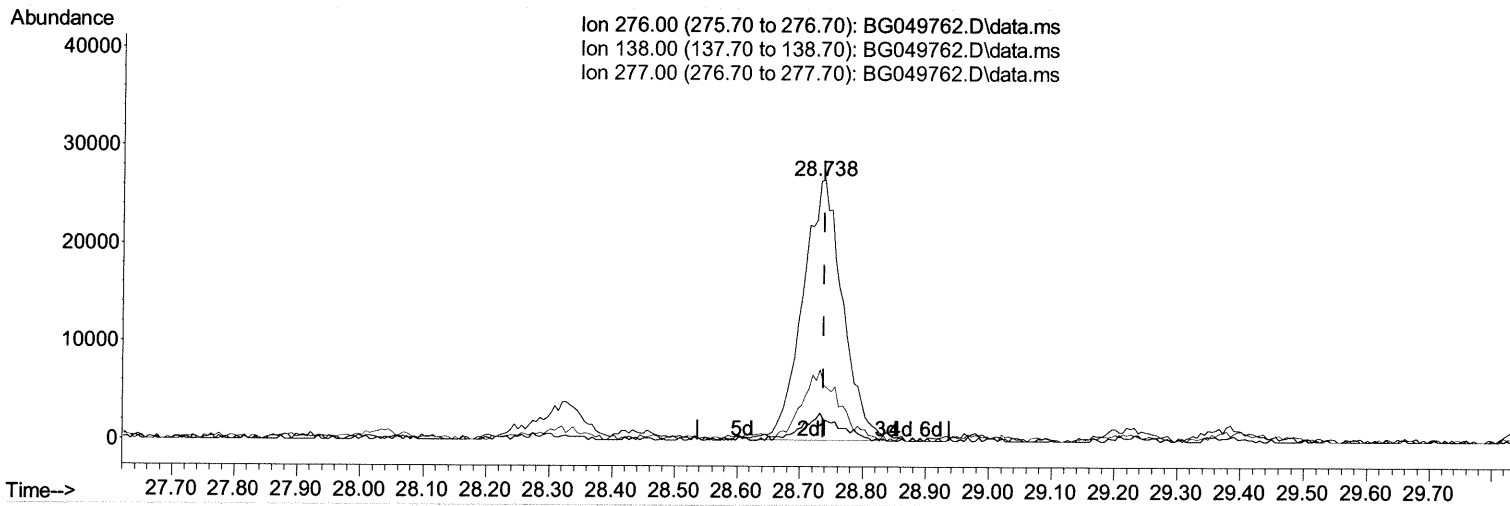
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049762.D
 Acq On : 10 Aug 2021 18:28
 Operator : CG/JU
 Sample : M3182-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D8

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:32:37 PM

Quant Time: Aug 11 03:05:08 2021
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TIC: BG049762.D\data.ms

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

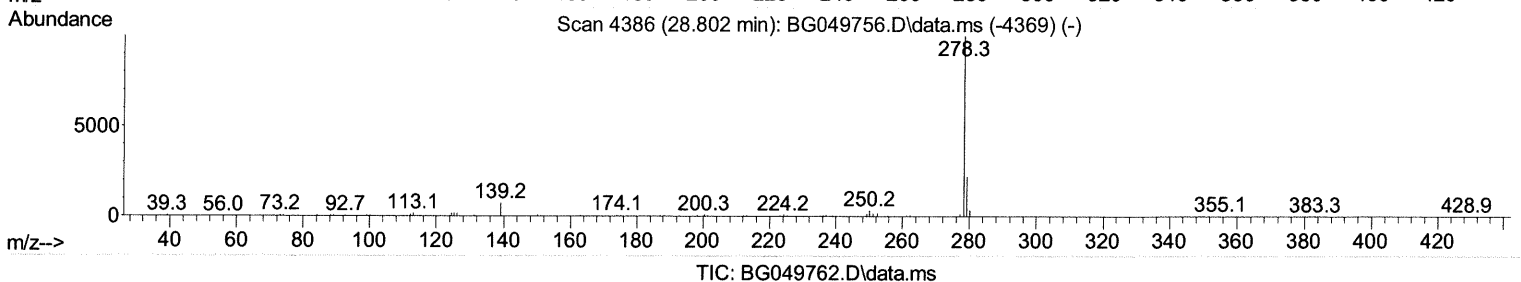
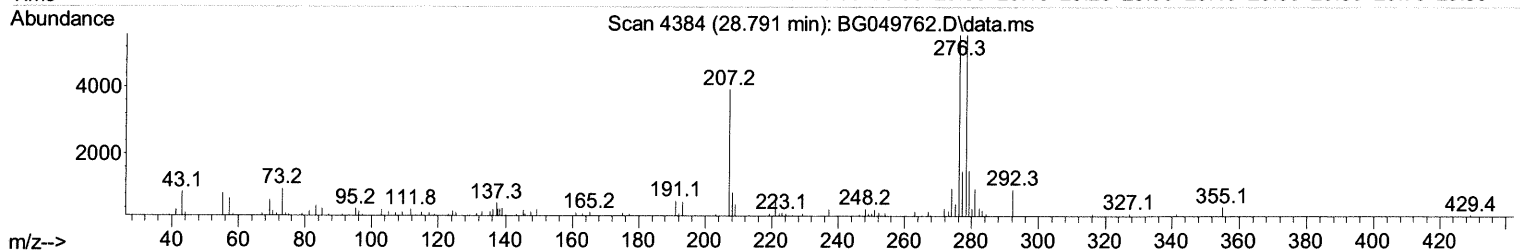
28.738min (+ 0.001) 10.40 ng/ul m 08/12/21JU

response 116821

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.03
277.00	24.30	21.04
0.00	0.00	0.00


```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\  
Data File : BG049762.D  
Acq On    : 10 Aug 2021  18:28  
Operator  : CG/JU  
Sample    : M3182-20  
Misc      :  
ALS Vial  : 8    Sample Multiplier: 1
```

mohammad
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Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	6.67
279.00	23.60	27.31
0.00	0.00	0.00

Quantitation Report (Qedit)

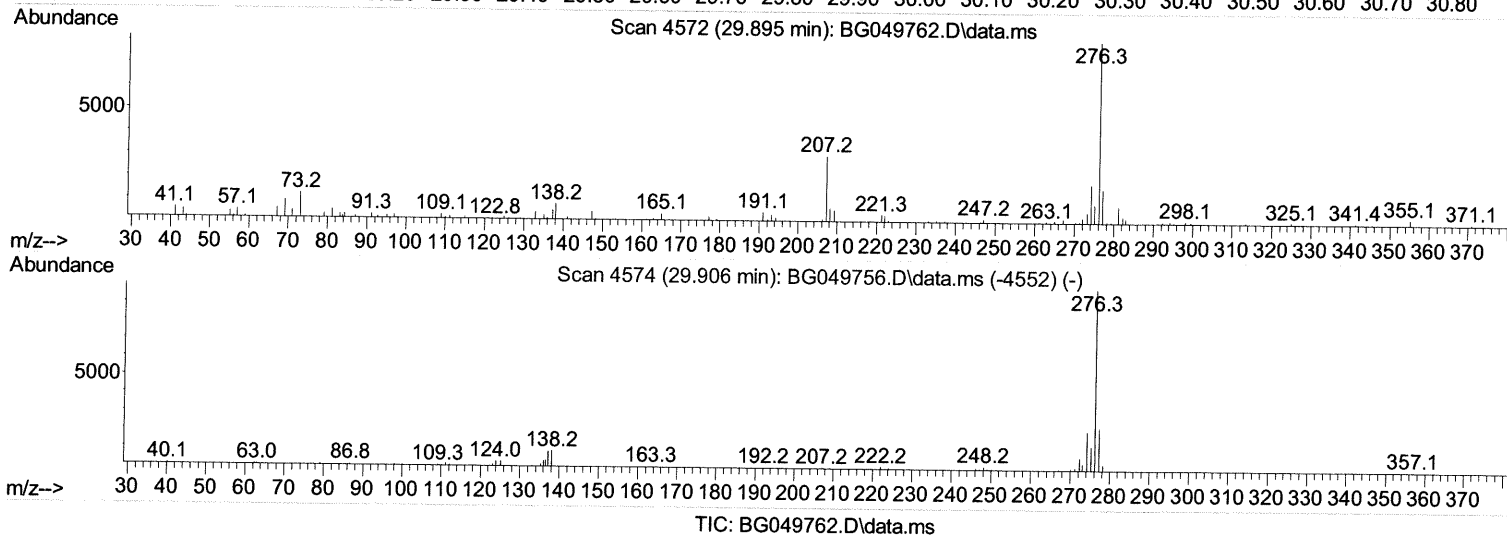
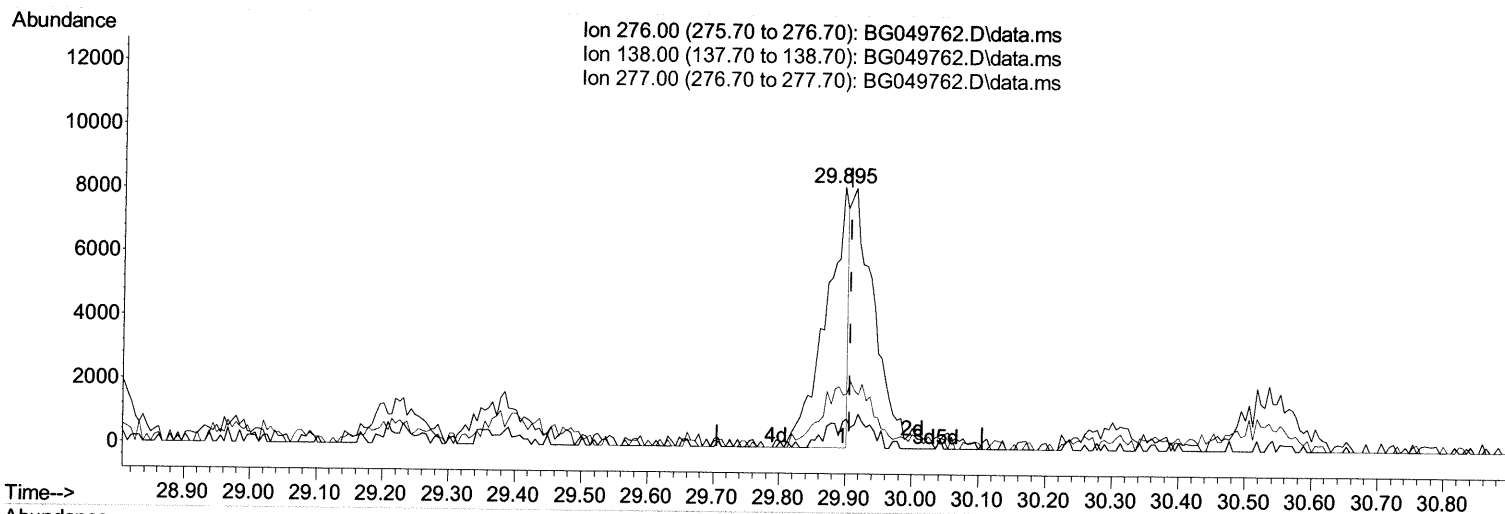
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049762.D
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Sample : M3182-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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(96) Benzo(g,h,i)perylene

29.895min (-0.011) 2.07 ng/ul

response 19341

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	10.06
277.00	24.40	20.19
0.00	0.00	0.00

Quantitation Report (Qedit)

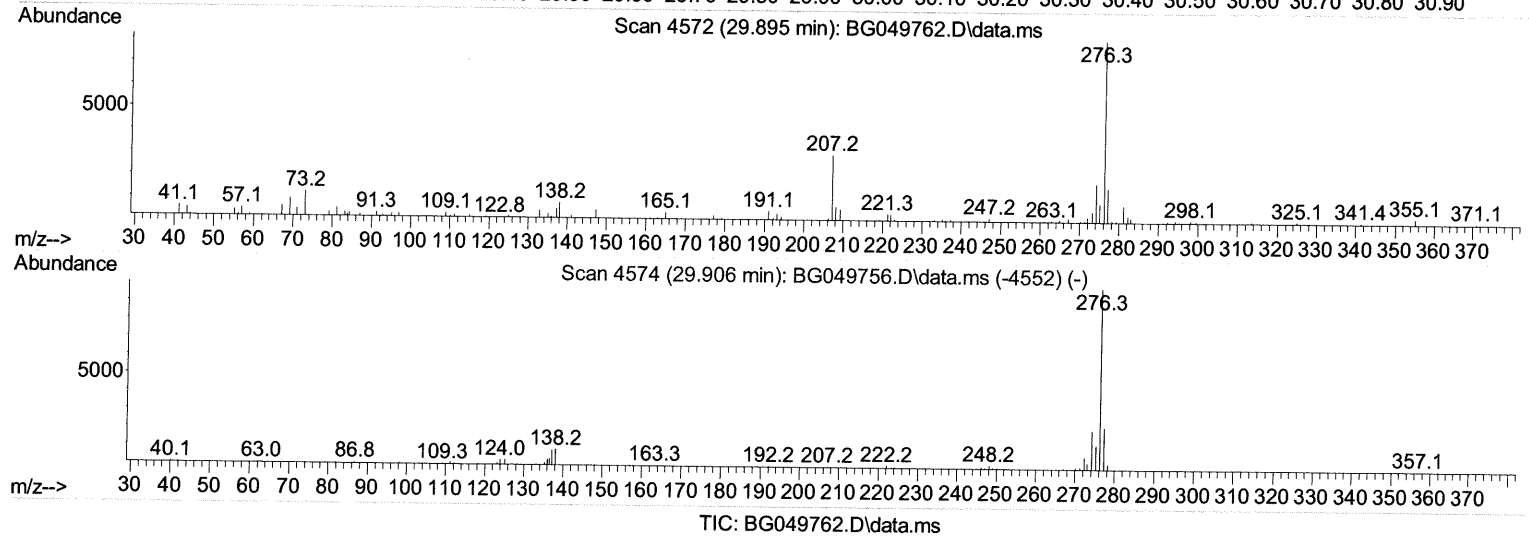
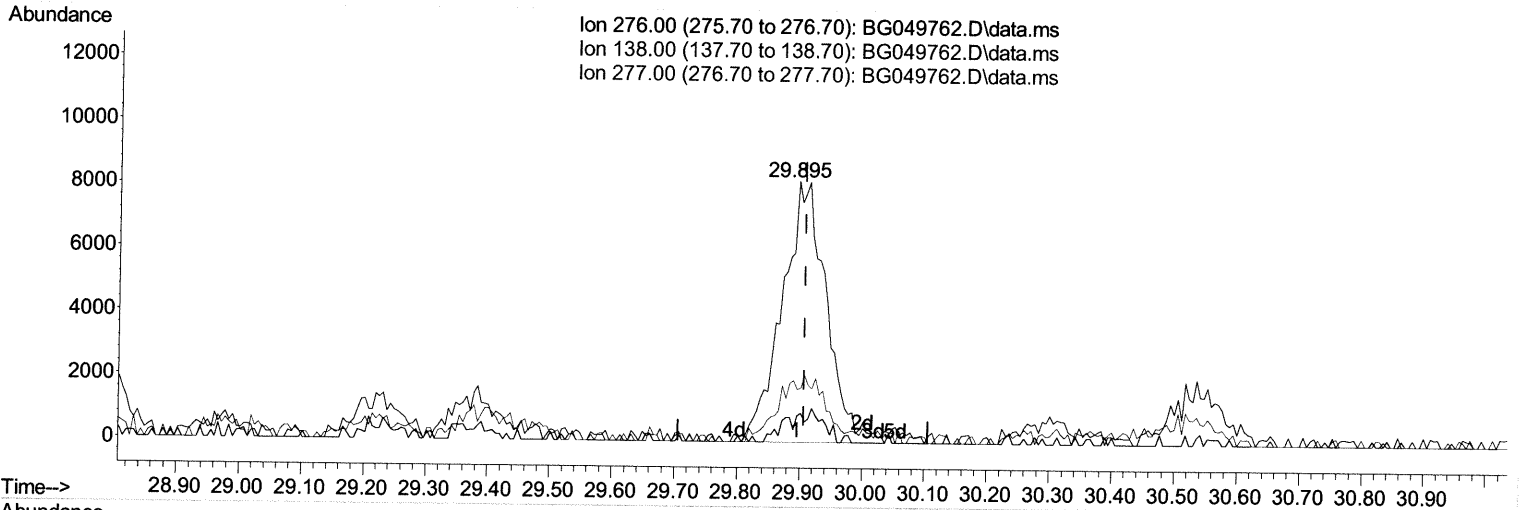
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049762.D
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 Operator : CG/JU
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 ALS Vial : 8 Sample Multiplier: 1

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

29.895min (-0.011) 4.27 ng/ul m 08/12/21

response 39862

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	10.06
277.00	24.40	20.19
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	8.037	152	27661	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	114647	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	82540	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	163831	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	144691	20.000	ng/ul	0.00
88) Perylene-d12	24.996	264	148792	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	1310m	2.214	ng/ul	0.00 08/12/21 JU
4) Pyridine-d5	3.854	84	10015	5.641	ng/ul	0.01
7) Phenol-d5	7.197	99	32109	12.790	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	18109	12.558	ng/ul	0.00
11) 2-Chlorophenol-d4	7.567	132	24216	13.478	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	21320	11.138	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	12971	14.363	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	16153m	15.662	ng/ul	0.00 08/12/21 JU
28) 2,4-Dichlorophenol-d3	10.480	165	28496	14.653	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	14633	5.496	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	100636	15.537	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	116934	15.174	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	12281	11.727	ng/ul	0.00
60) Fluorene-d10	15.679	176	85591	15.372	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	14531	13.178	ng/ul	0.00
73) Anthracene-d10	17.541	188	121832	15.754	ng/ul	0.00
81) Pyrene-d10	19.827	212	138244	17.341	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	132358	16.235	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.903	128	10625	1.775	ng/ul#	93
36) 2-Methylnaphthalene	12.519	142	7034	1.534	ng/ul	85
37) 1-Methylnaphthalene	12.736	142	5522	1.238	ng/ul#	89
50) Acenaphthylene	14.416	152	21910	3.013	ng/ul	98
56) Dibenzofuran	15.086	168	30010	4.165	ng/ul	96
61) Fluorene	15.738	166	49677	8.479	ng/ul	94
72) Phenanthrene	17.483	178	530351	61.162	ng/ul	98
74) Anthracene	17.577	178	86772	10.004	ng/ul	98
77) Carbazole	17.847	167	25158	3.246	ng/ul	96
80) Fluoranthene	19.498	202	697437	70.887	ng/ul	99
82) Pyrene	19.856	202	488596	49.790	ng/ul	100
85) Benzo(a)anthracene	21.700	228	233554	24.585	ng/ul	98
87) Chrysene	21.765	228	194082	21.875	ng/ul	95
90) Benzo(b)fluoranthene	23.956	252	248047	25.506	ng/ul	97
91) Benzo(k)fluoranthene	24.009	252	90246m	9.346	ng/ul	08/12/21 JU
93) Benzo(a)pyrene	24.837	252	160087	18.699	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.738	276	116821m	10.398	ng/ul	08/12/21 JU
95) Dibenzo(a,h)anthracene	28.791	278	30767m	3.283	ng/ul	
96) Benzo(g,h,i)perylene	29.895	276	39862m	4.267	ng/ul	

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