

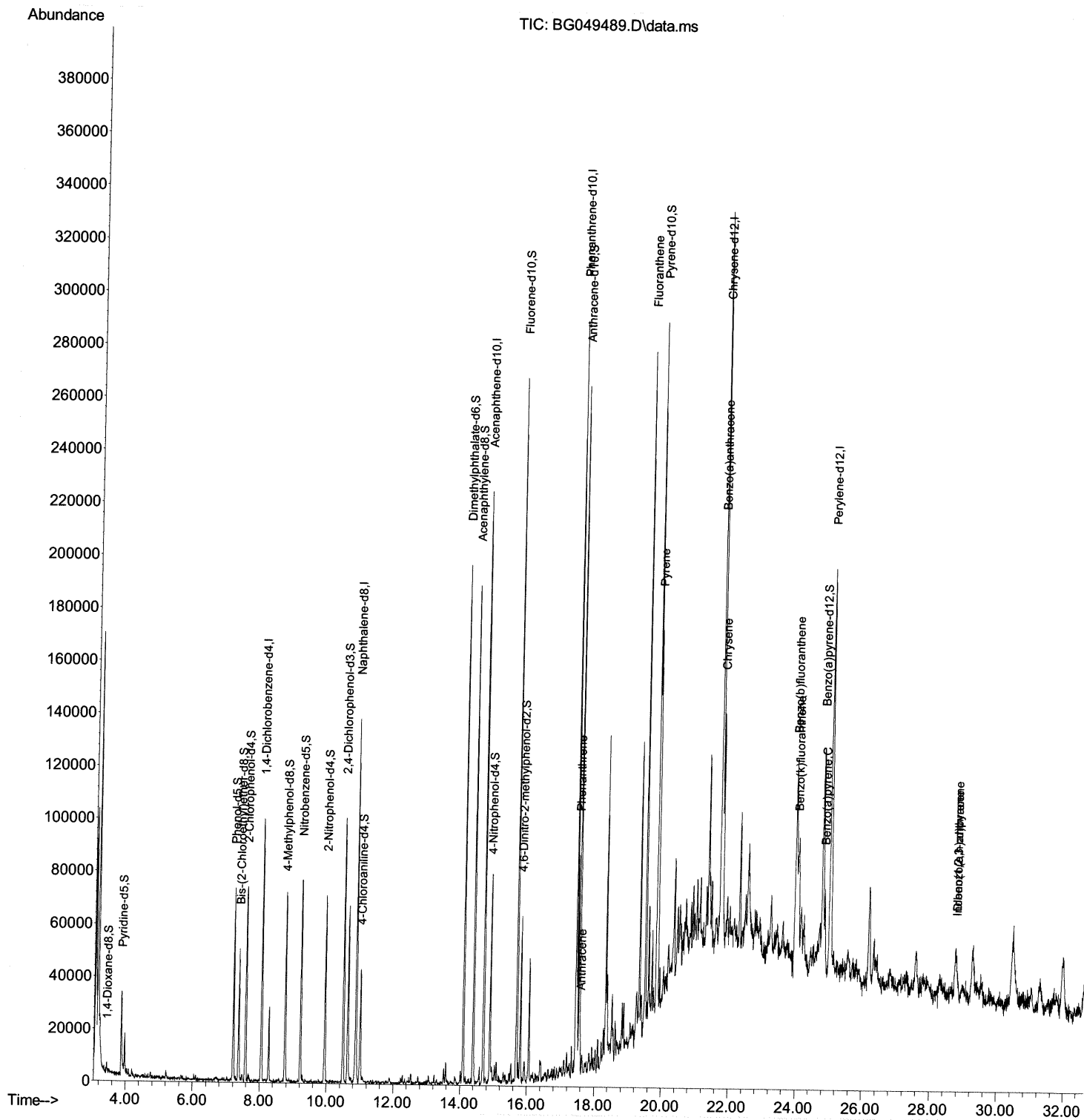
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049489.D
Acq On : 26 Jul 2021 22:10
Operator : CG/JU
Sample : M3082-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0017

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:05 PM

Quant Time: Jul 27 02:50:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

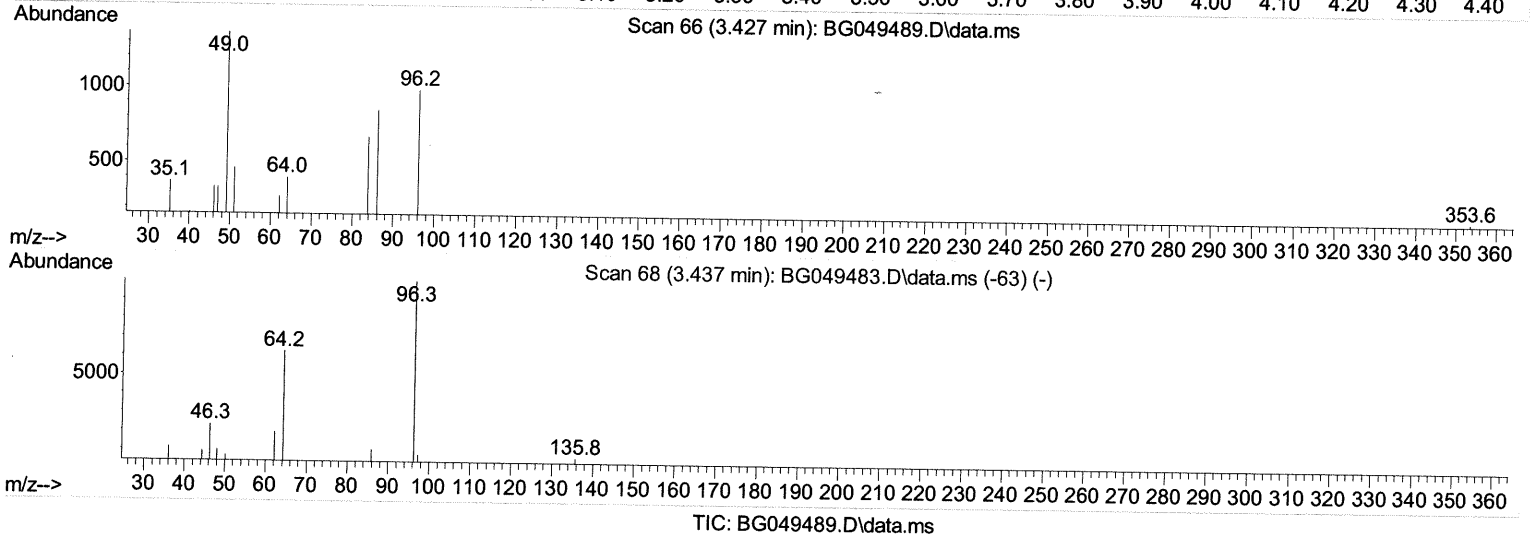
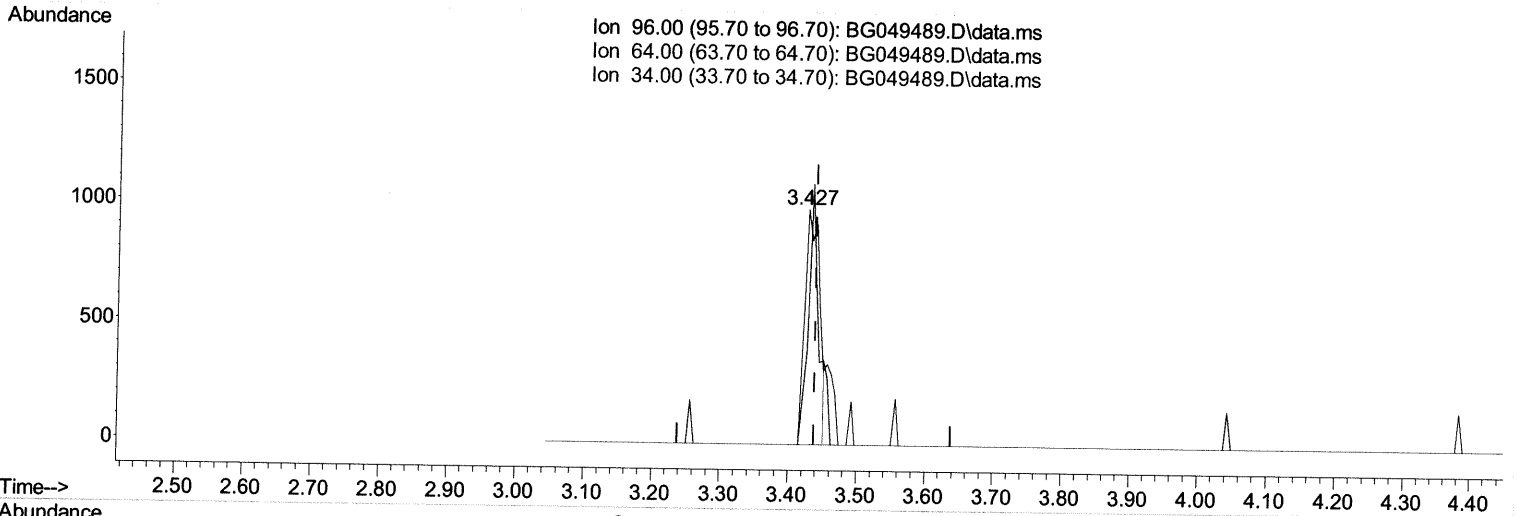
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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(3) 1,4-Dioxane-d8 (S)

3.427min (-0.011) 2.54 ng/uL

response 1467

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	40.57#
34.00	0.00	0.00
0.00	0.00	0.00

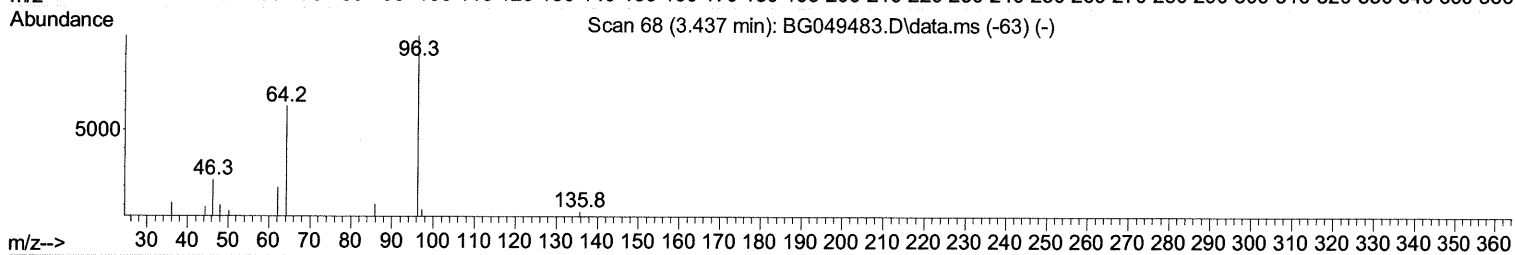
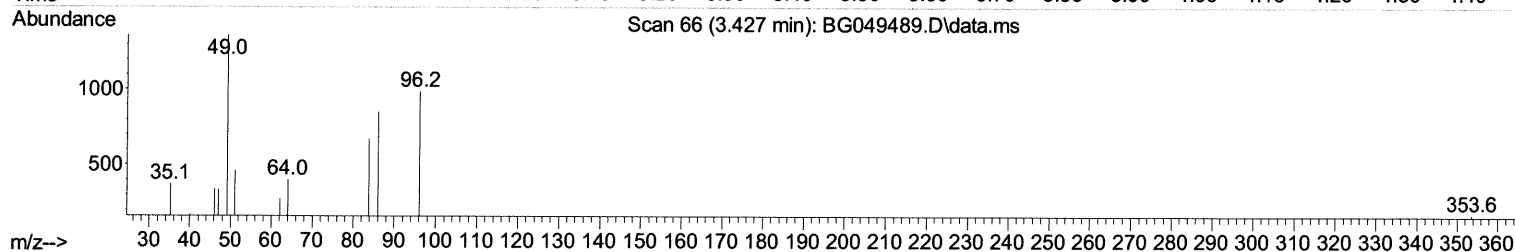
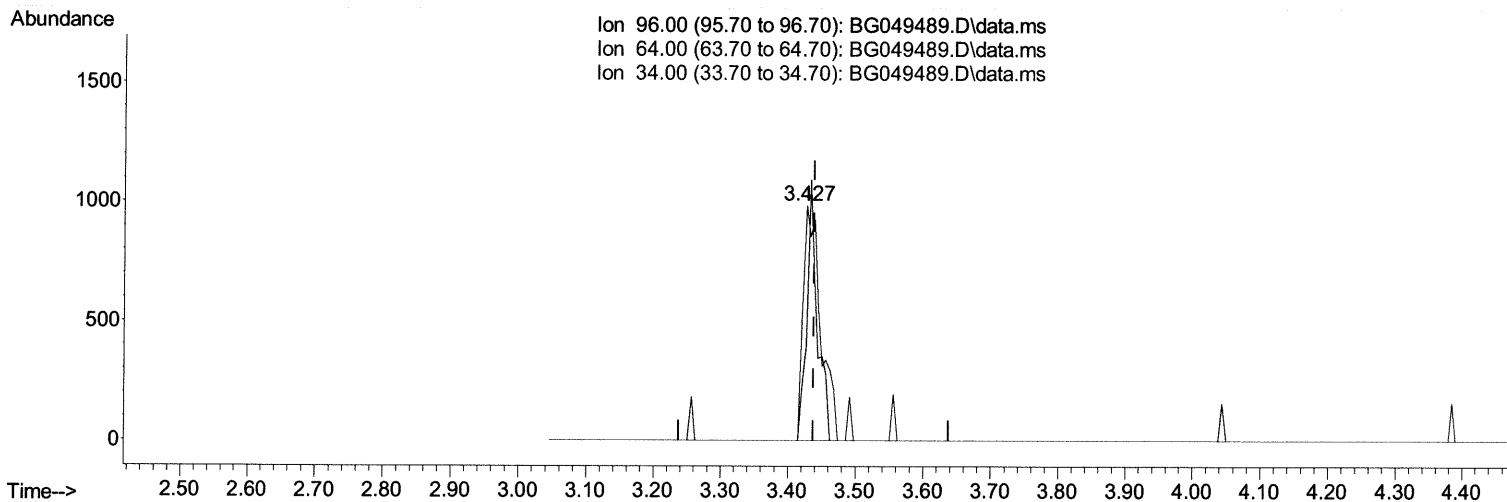
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049489.D
Acq On : 26 Jul 2021 22:10
Operator : CG/JU
Sample : M3082-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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TIC: BG049489.D\data.ms

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

3.427min (-0.011) 3.05 ng/uL m 07/29/21 JU

response 1764

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	40.57#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

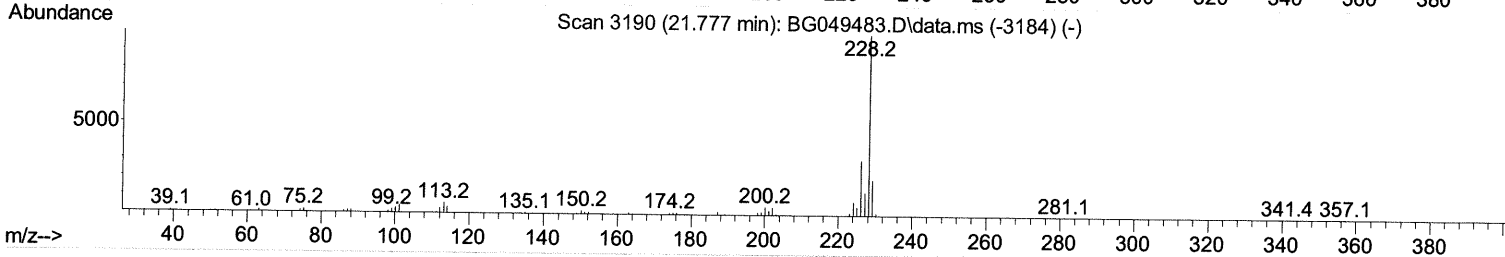
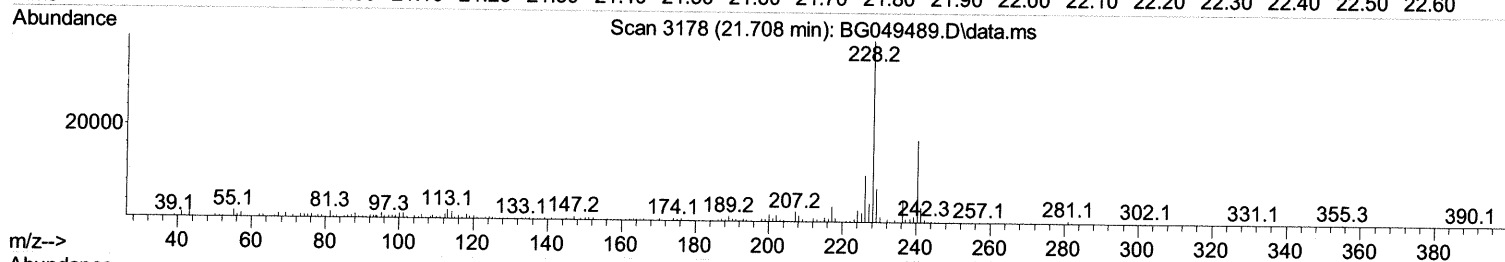
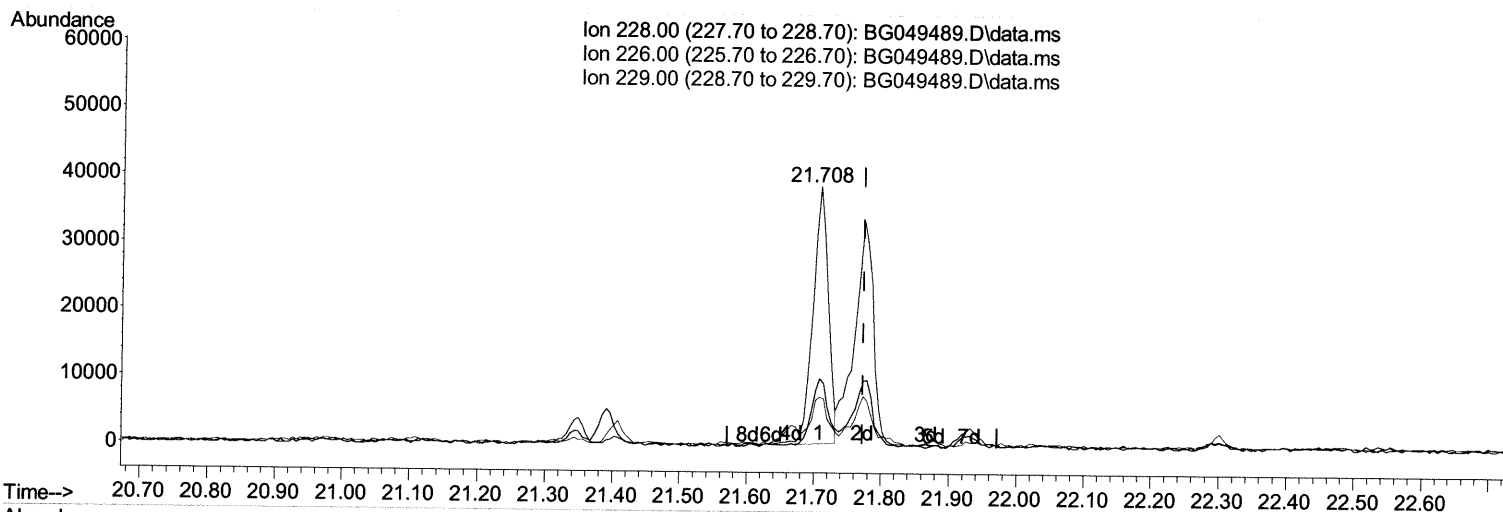
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049489.D
 Acq On : 26 Jul 2021 22:10
 Operator : CG/JU
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Manual Integrations
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TIC: BG049489.D\data.ms

(87) Chrysene

21.708min (-0.064) 6.98 ng/ul

response 60820

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	25.98
229.00	18.60	19.06
0.00	0.00	0.00

Quantitation Report (Qedit)

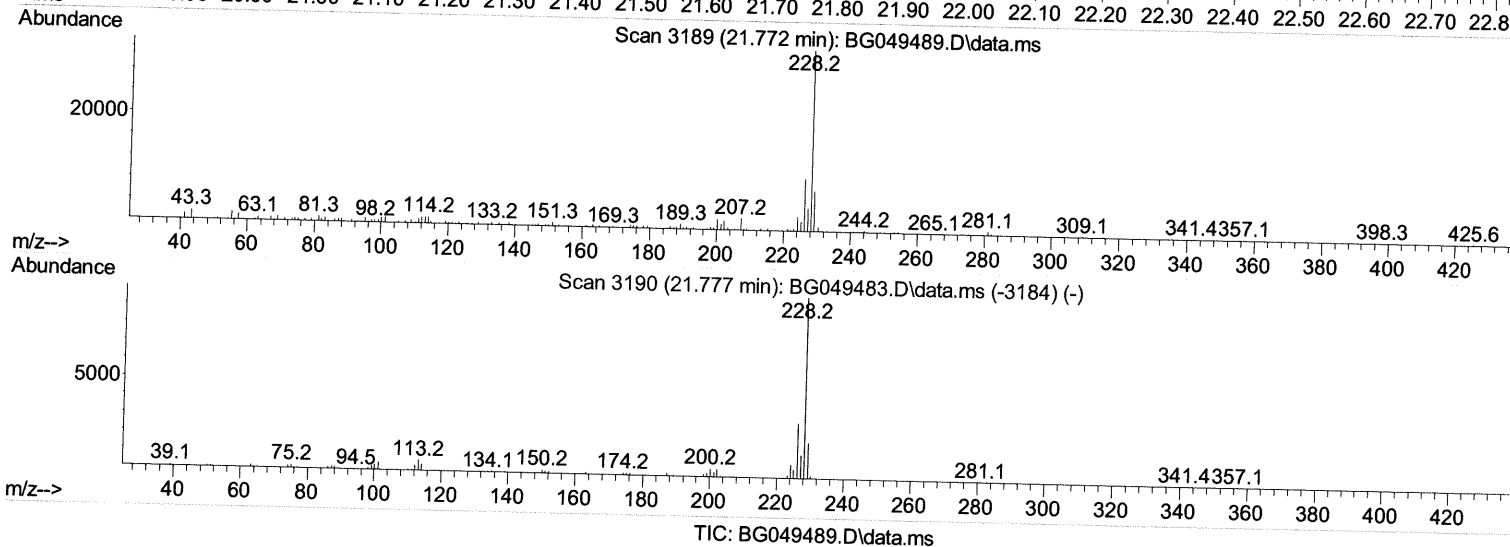
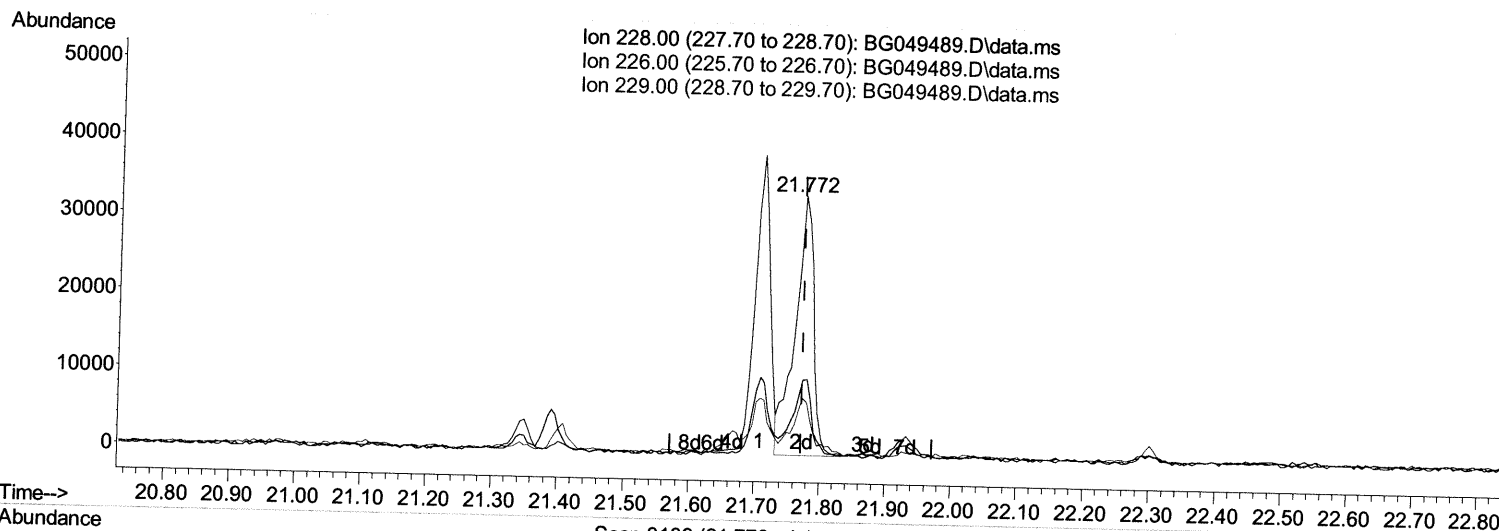
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049489.D
 Acq On : 26 Jul 2021 22:10
 Operator : CG/JU
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Instrument :
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Manual Integrations
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 Response via : Initial Calibration



(87) Chrysene

21.772min (+ 0.000) 7.59 ng/ul m 07/29/21 JU

response 66104

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	29.26
229.00	18.60	22.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

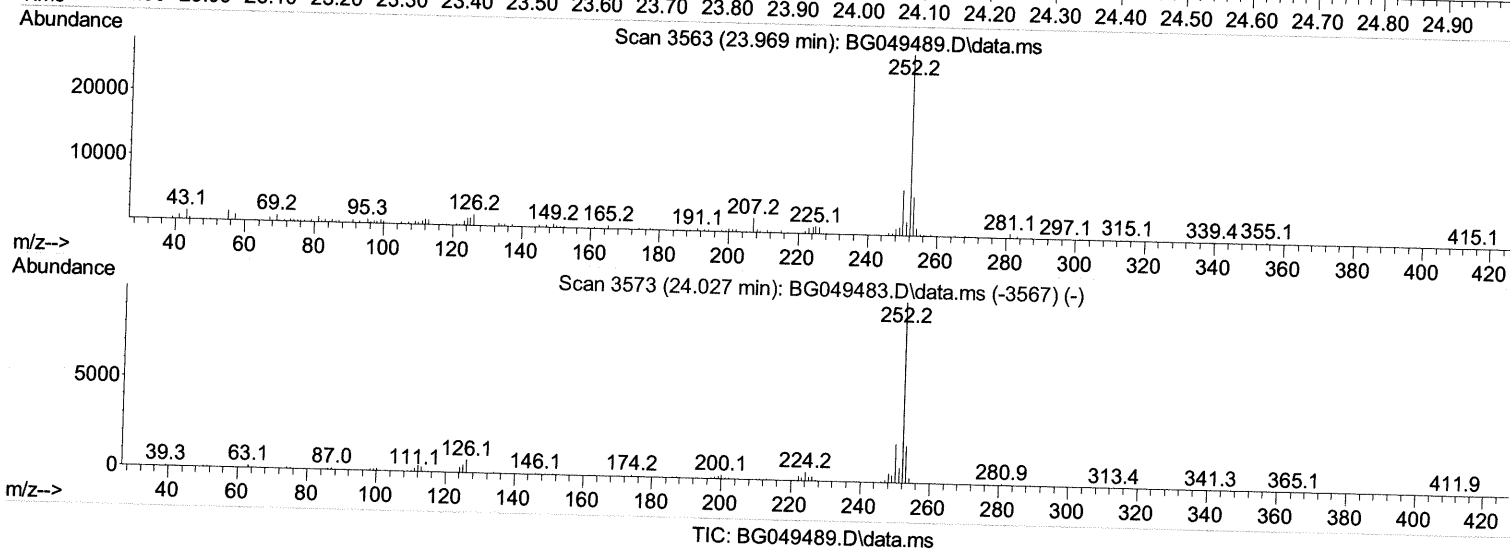
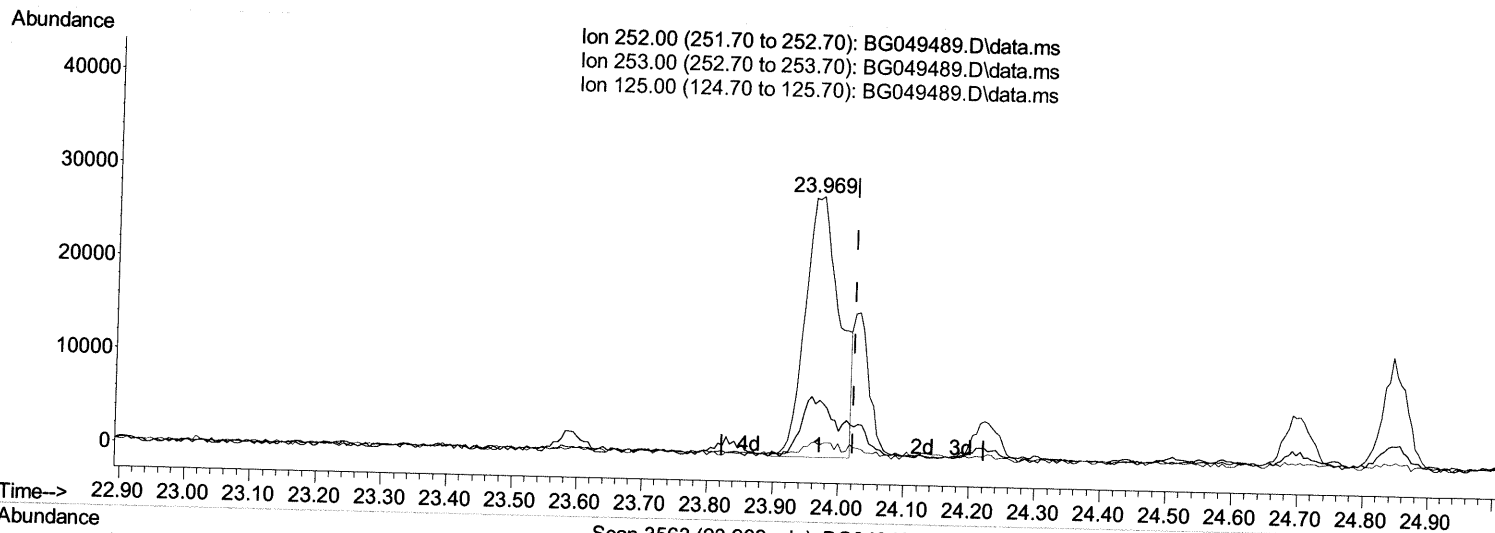
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049489.D
 Acq On : 26 Jul 2021 22:10
 Operator : CG/JU
 Sample : M3082-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

23.969min (-0.053) 10.70 ng/u1

response 101599

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.75
125.00	5.80	4.69
0.00	0.00	0.00

Quantitation Report (Qedit)

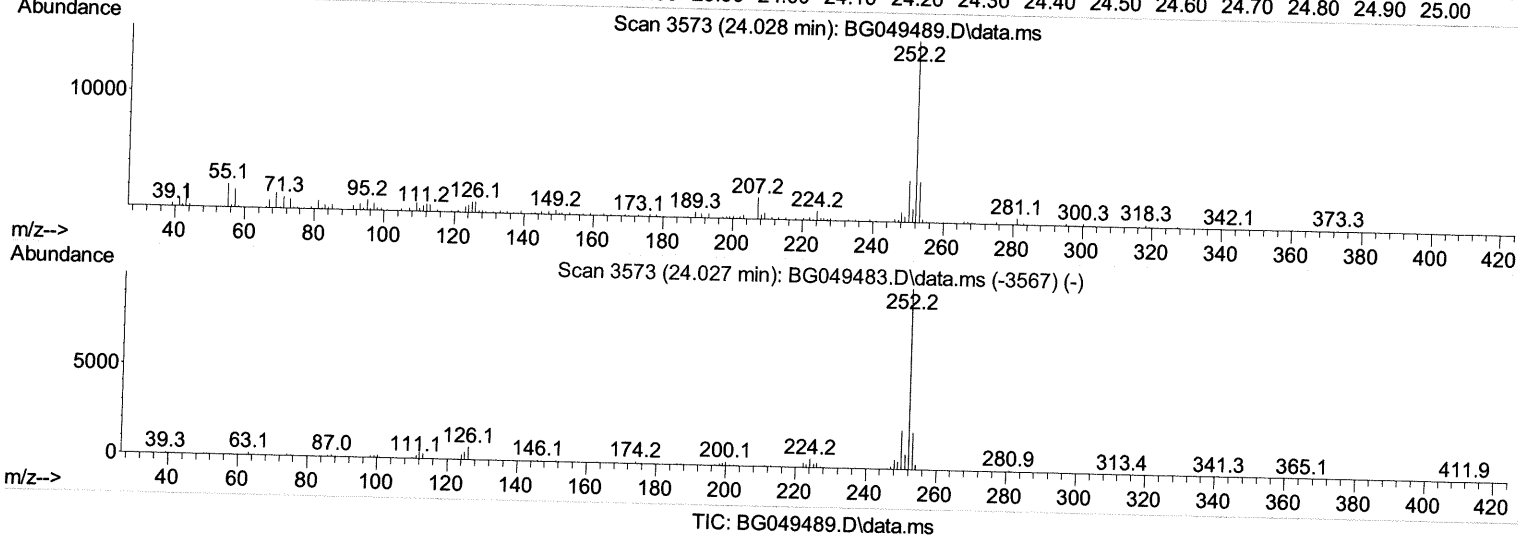
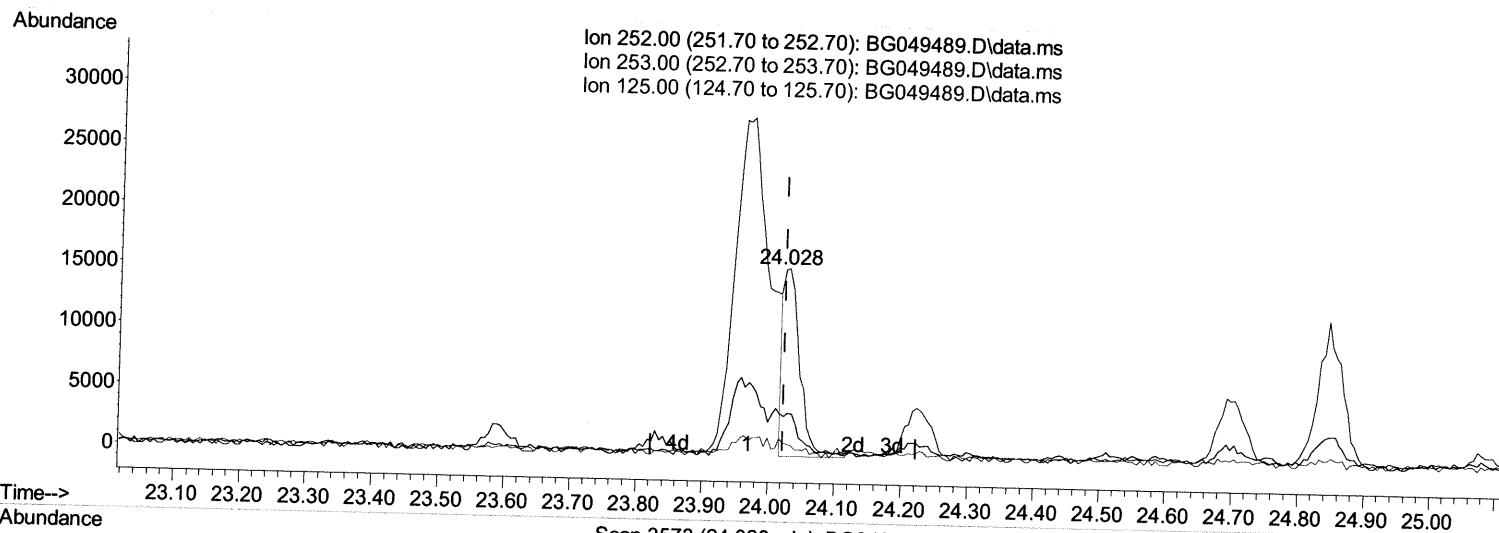
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049489.D
 Acq On : 26 Jul 2021 22:10
 Operator : CG/JU
 Sample : M3082-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0017

Manual Integrations
 APPROVED

mohammad
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 Response via : Initial Calibration



(91) Benzo(k) fluoranthene

24.028min (+ 0.006) 2.75 ng/ul m 07/29/21JU

response 26144

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	23.00
125.00	5.80	6.59
0.00	0.00	0.00

Quantitation Report (Qedit)

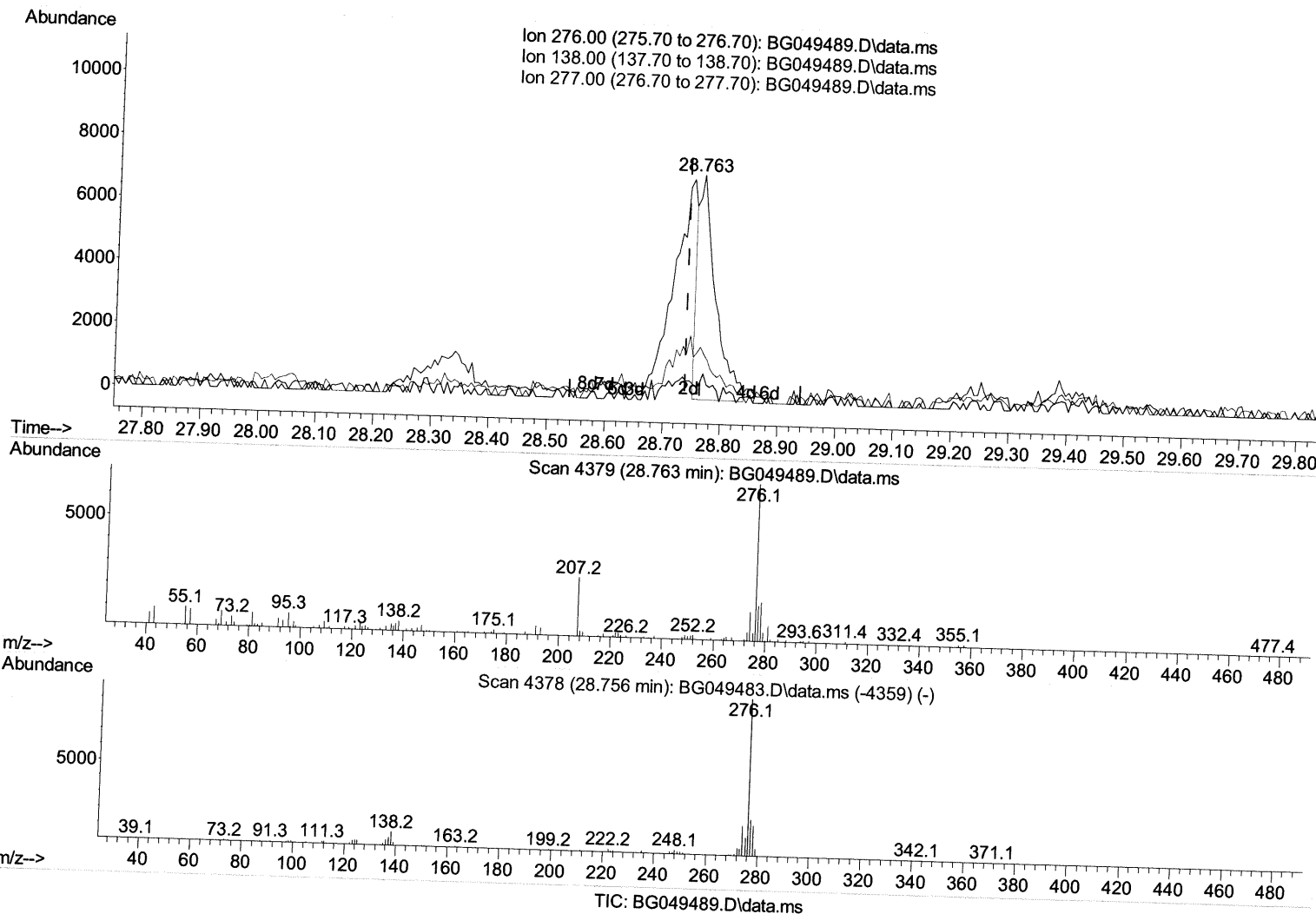
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049489.D
 Acq On : 26 Jul 2021 22:10
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 Sample : M3082-19
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(94) Indeno(1,2,3-cd)pyrene

28.763min (+ 0.024) 1.37 ng/ul

response 14751

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	8.19
277.00	24.00	23.93
0.00	0.00	0.00

Quantitation Report (Qedit)

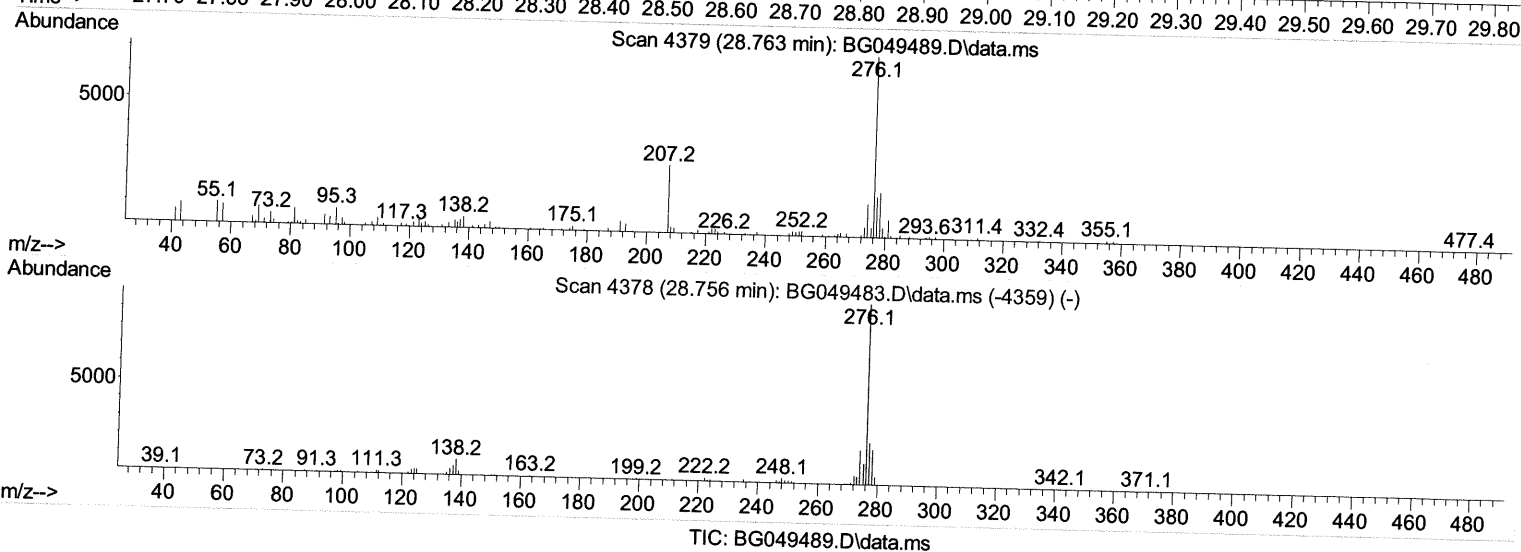
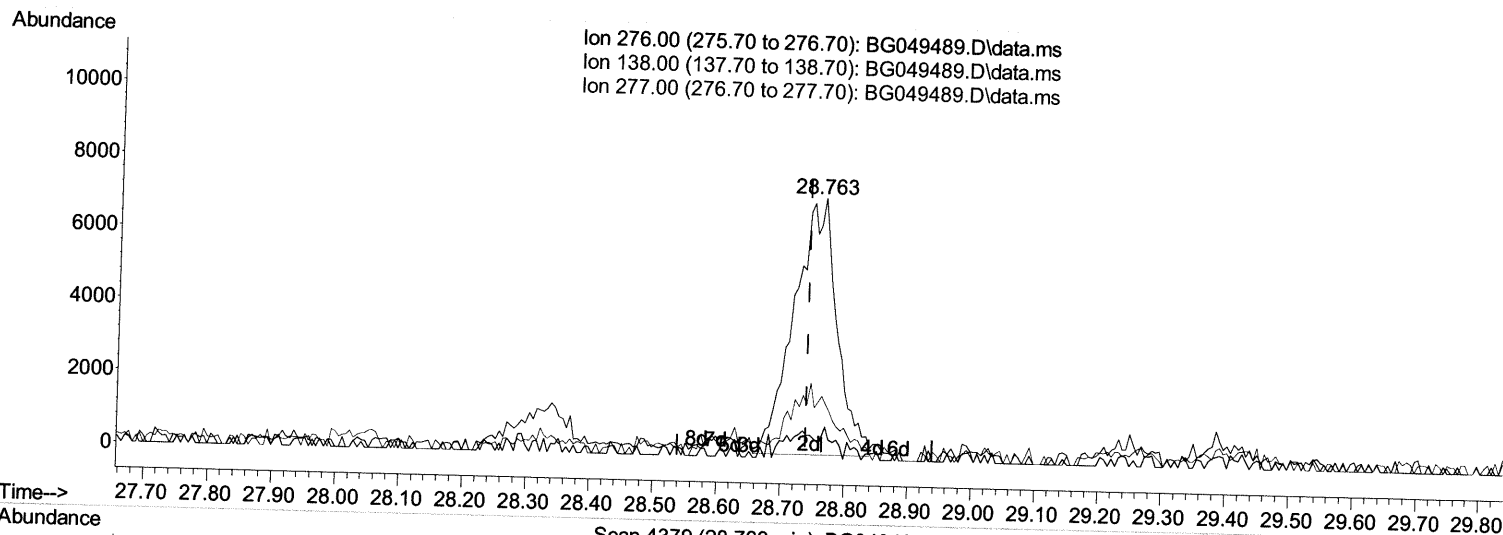
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049489.D
 Acq On : 26 Jul 2021 22:10
 Operator : CG/JU
 Sample : M3082-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0017

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 Response via : Initial Calibration



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

28.763min (+ 0.024) 3.05 ng/ul m 07/29/21 JU

response 32752

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	8.19
277.00	24.00	23.93
0.00	0.00	0.00

Quantitation Report (Qedit)

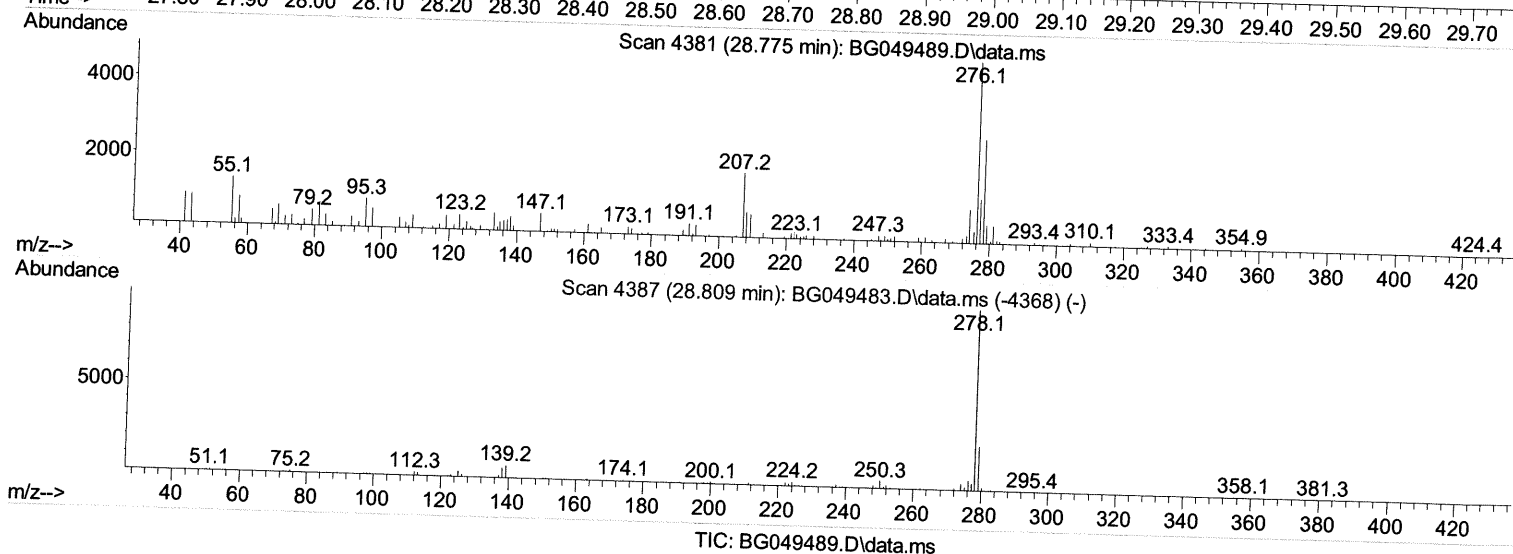
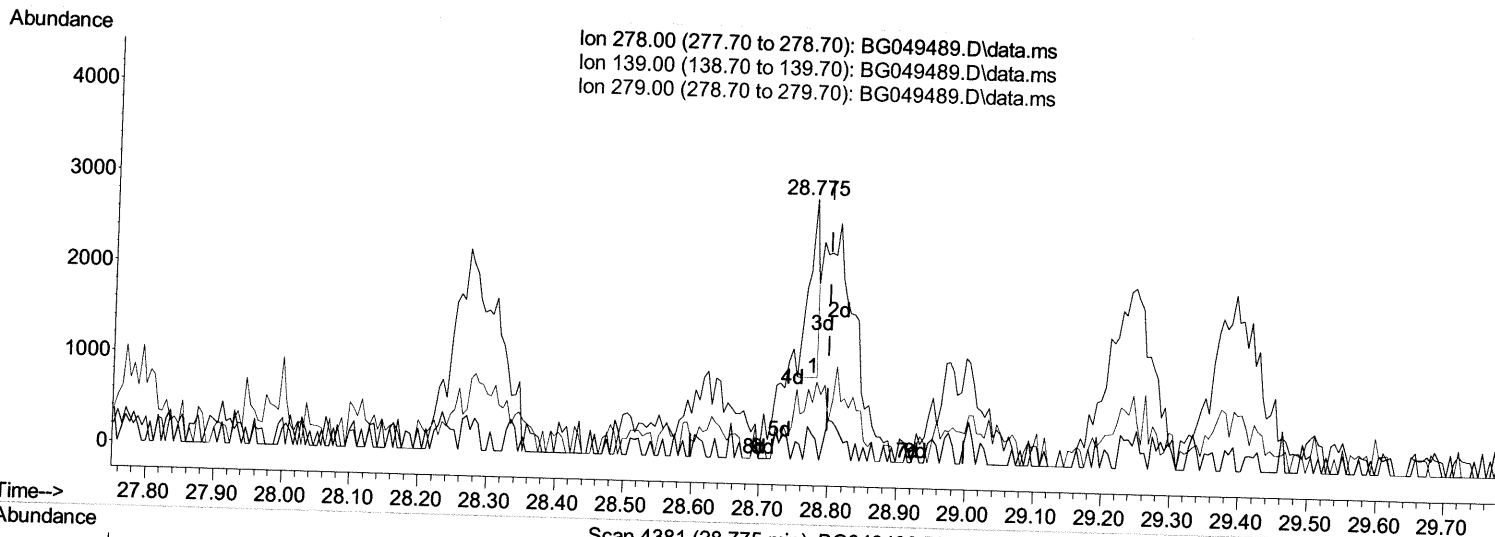
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049489.D
 Acq On : 26 Jul 2021 22:10
 Operator : CG/JU
 Sample : M3082-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(95) Dibenzo(a,h)anthracene

28.775min (-0.023) 0.22 ng/ul

response 1978

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.50	9.90
279.00	24.60	21.81
0.00	0.00	0.00

Quantitation Report (Qedit)

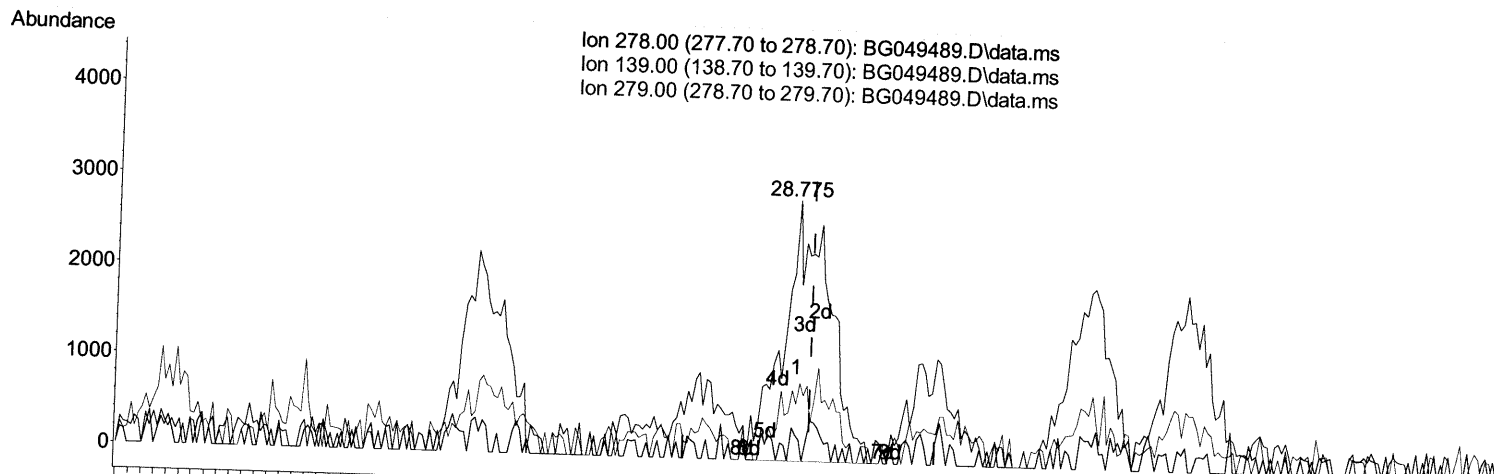
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049489.D
 Acq On : 26 Jul 2021 22:10
 Operator : CG/JU
 Sample : M3082-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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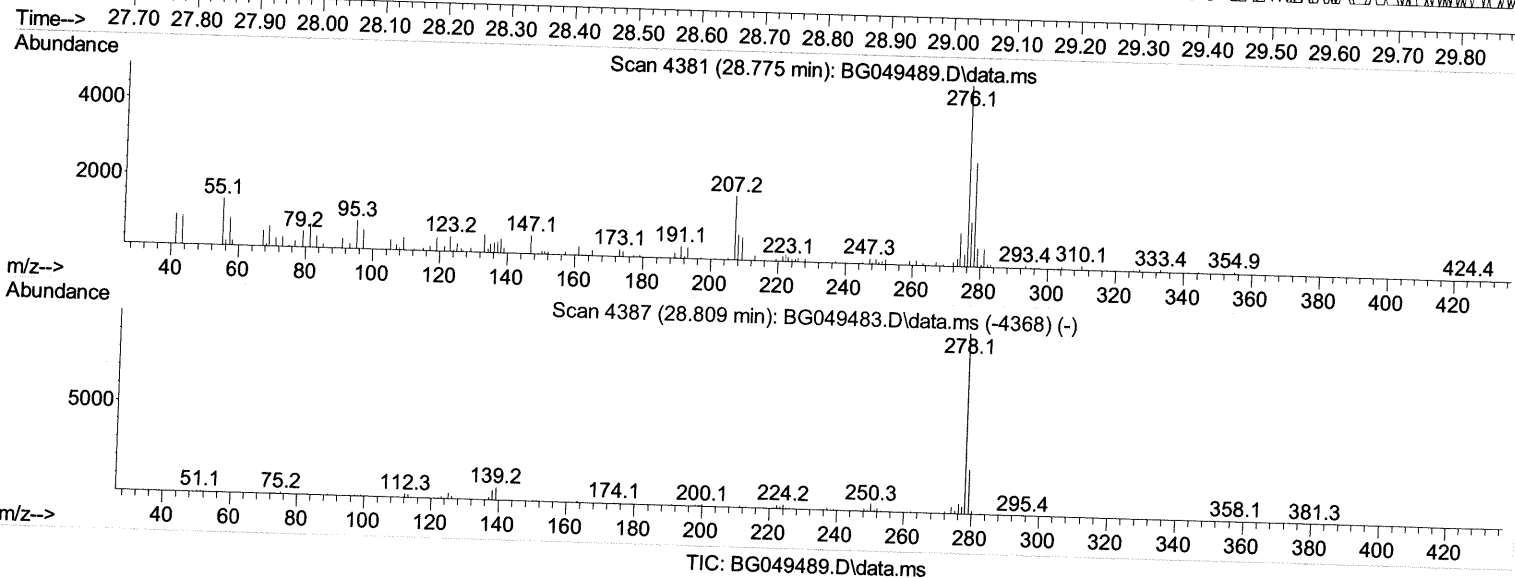
Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:07:05 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
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Ion 278.00 (277.70 to 278.70): BG049489.D\data.ms
 Ion 139.00 (138.70 to 139.70): BG049489.D\data.ms
 Ion 279.00 (278.70 to 279.70): BG049489.D\data.ms



(95) Dibenzo(a,h)anthracene

28.775min (-0.023) 1.61 ng/ul m 07/29/21JU

response 14280

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.50	9.90
279.00	24.60	21.81
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	8.050	152	26464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	109057	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.700	164	80994	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	167627	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	148887	20.000	ng/ul	0.00
88) Perylene-d12	25.009	264	154773	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	1764m	3.050	ng/ul	> -0.01 07/29/21 JU
4) Pyridine-d5	3.861	84	16963	10.210	ng/ul	0.00
7) Phenol-d5	7.204	99	39589	16.908	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	25533	19.254	ng/ul	0.00
11) 2-Chlorophenol-d4	7.580	132	30401	18.113	ng/ul	0.00
15) 4-Methylphenol-d8	8.749	113	25619	14.516	ng/ul	0.00
21) Nitrobenzene-d5	9.219	128	16870	20.120	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	19095	19.434	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	34481	19.296	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	22899	9.195	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	120974	19.499	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	137603	19.095	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	16342	15.995	ng/ul	0.01
60) Fluorene-d10	15.692	176	102819	19.237	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	12358	11.897	ng/ul	0.00
73) Anthracene-d10	17.549	188	151858	19.492	ng/ul	0.00
81) Pyrene-d10	19.834	212	129187	16.969	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	88554	10.886	ng/ul	0.01
Target Compounds						
72) Phenanthrene	17.490	178	49861	5.714	ng/ul	Qvalue 97
74) Anthracene	17.584	178	9023	1.020	ng/ul	97
80) Fluoranthene	19.499	202	149268	16.148	ng/ul	99
82) Pyrene	19.863	202	89053	9.703	ng/ul	98
85) Benzo(a)anthracene	21.708	228	61756	6.784	ng/ul	99
87) Chrysene	21.772	228	66104m	7.587	ng/ul	> 07/29/21 JU
90) Benzo(b)fluoranthene	23.969	252	101599	10.473	ng/ul	99
91) Benzo(k)fluoranthene	24.028	252	26144m	2.754	ng/ul	> 07/29/21 JU
93) Benzo(a)pyrene	24.845	252	31544	3.748	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.763	276	32752m	3.050	ng/ul	> 07/29/21 JU
95) Dibenzo(a,h)anthracene	28.775	278	14280m	1.607	ng/ul	> 07/29/21 JU

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