

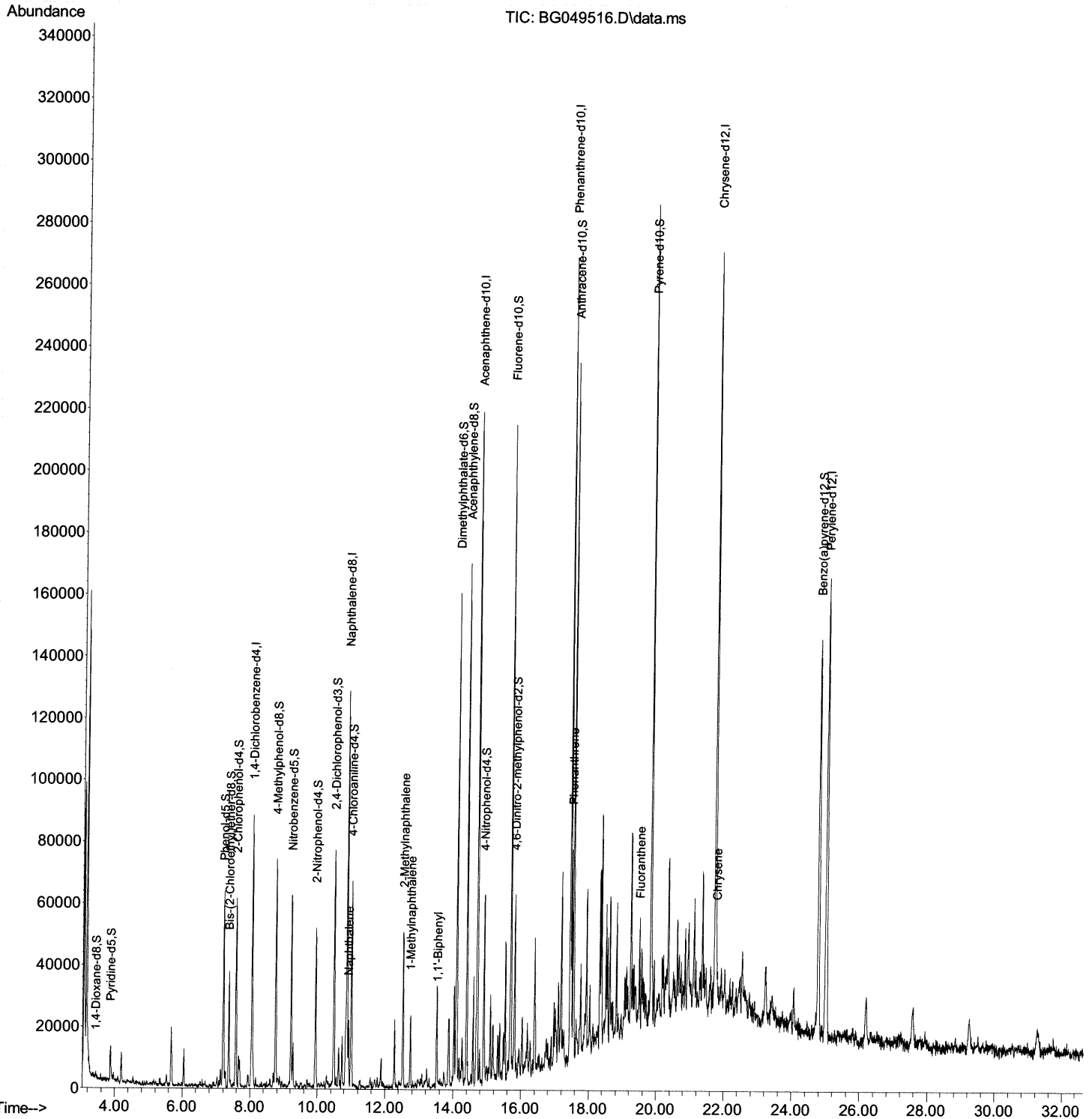
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0047

Manual Integrations
APPROVED

mohammad
7/28/2021 11:30:02 AM

Quant Time: Jul 28 04:37:50 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)

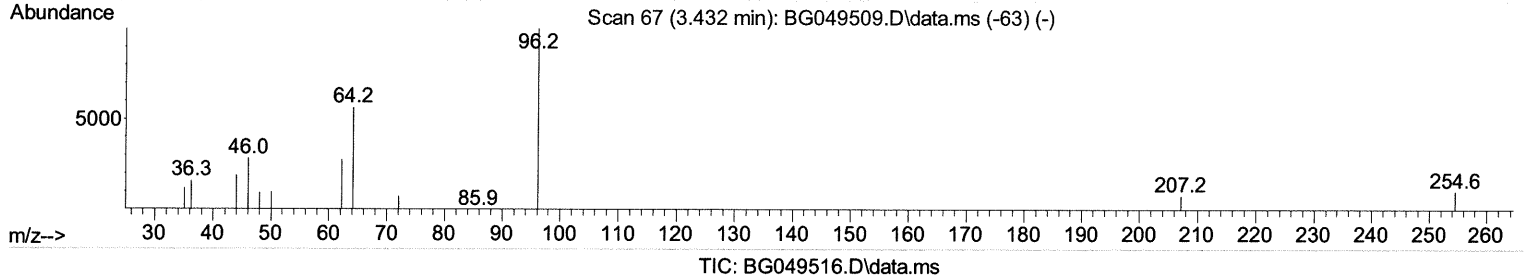
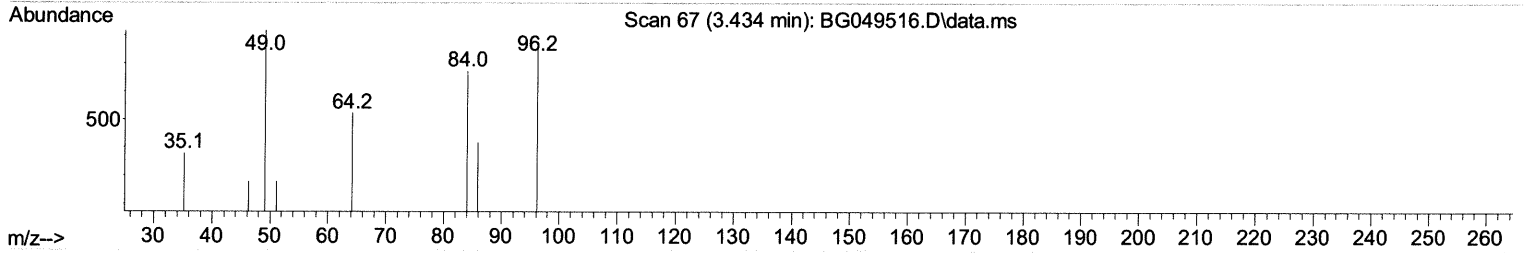
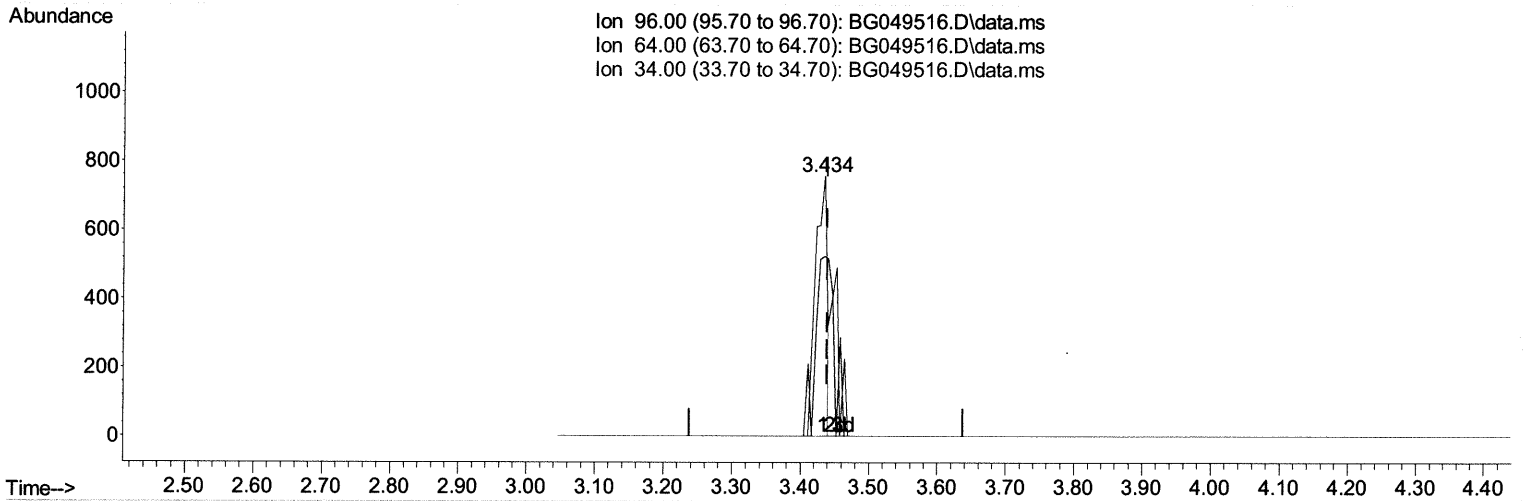
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
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TIC: BG049516.D\data.ms

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

3.434min (-0.004) 1.74 ng/uL

response 909

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	69.09
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

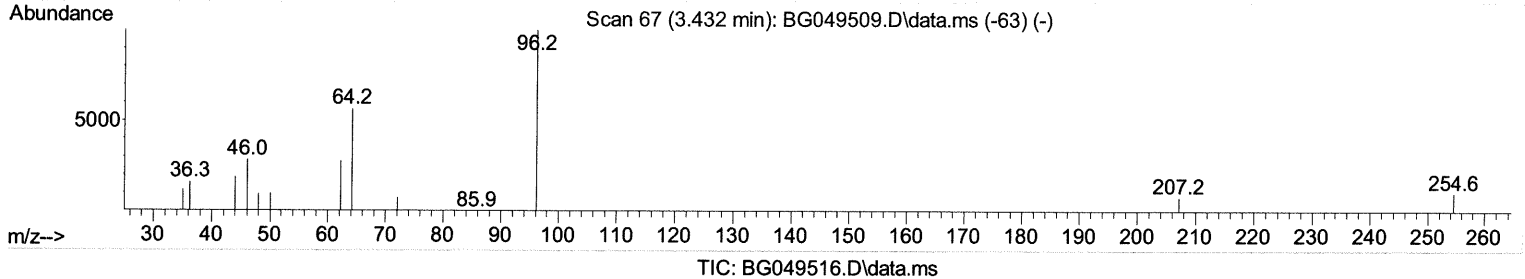
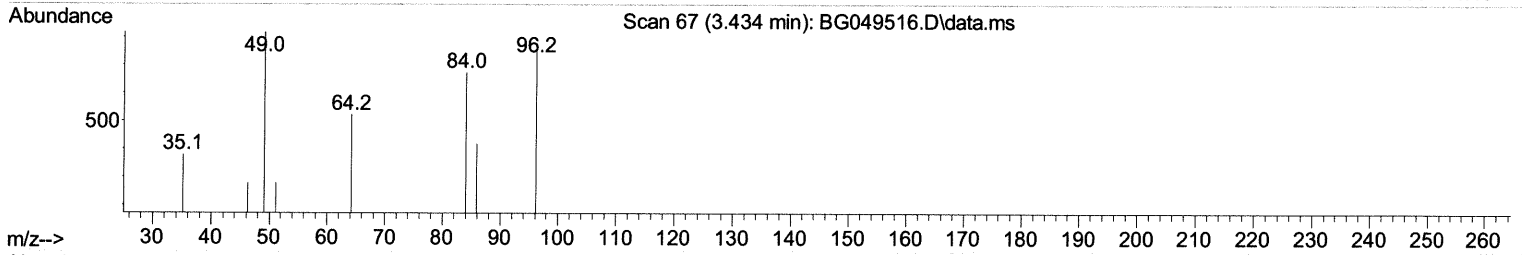
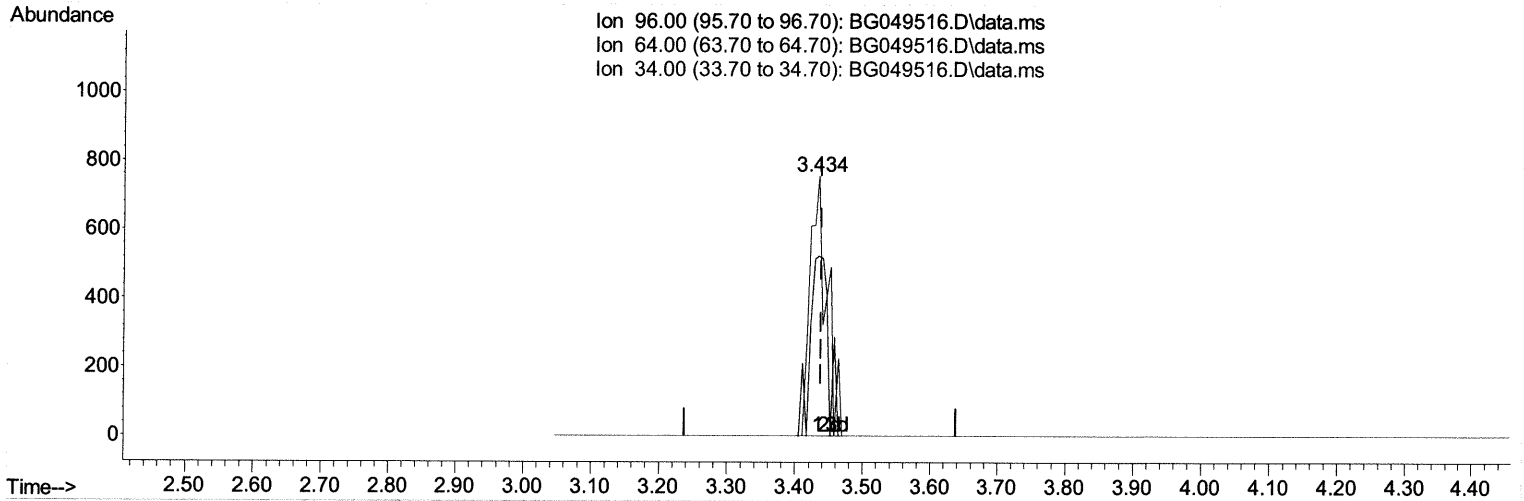
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
 Acq On : 27 Jul 2021 20:45
 Operator : CG/JU
 Sample : M3091-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG049516.D\data.ms

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

3.434min (-0.004) 2.35 ng/uL m 07/29/21 JU

response 1223

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	69.09
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

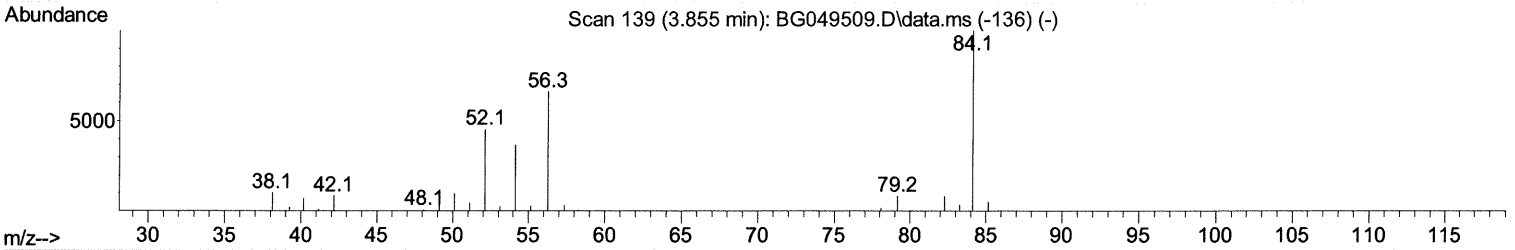
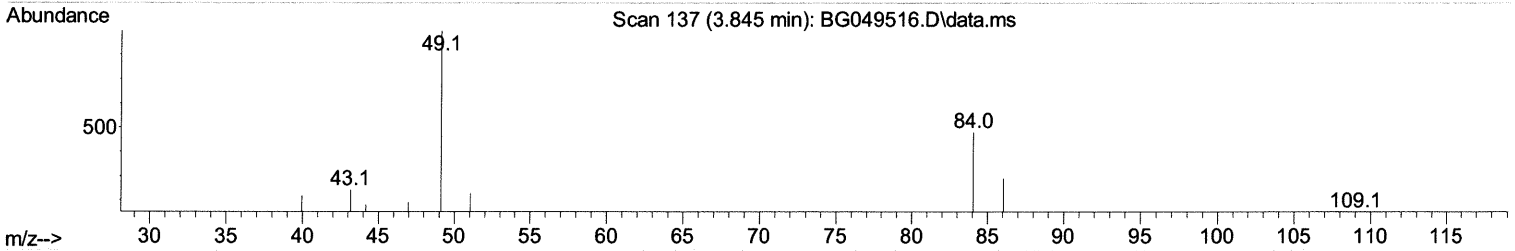
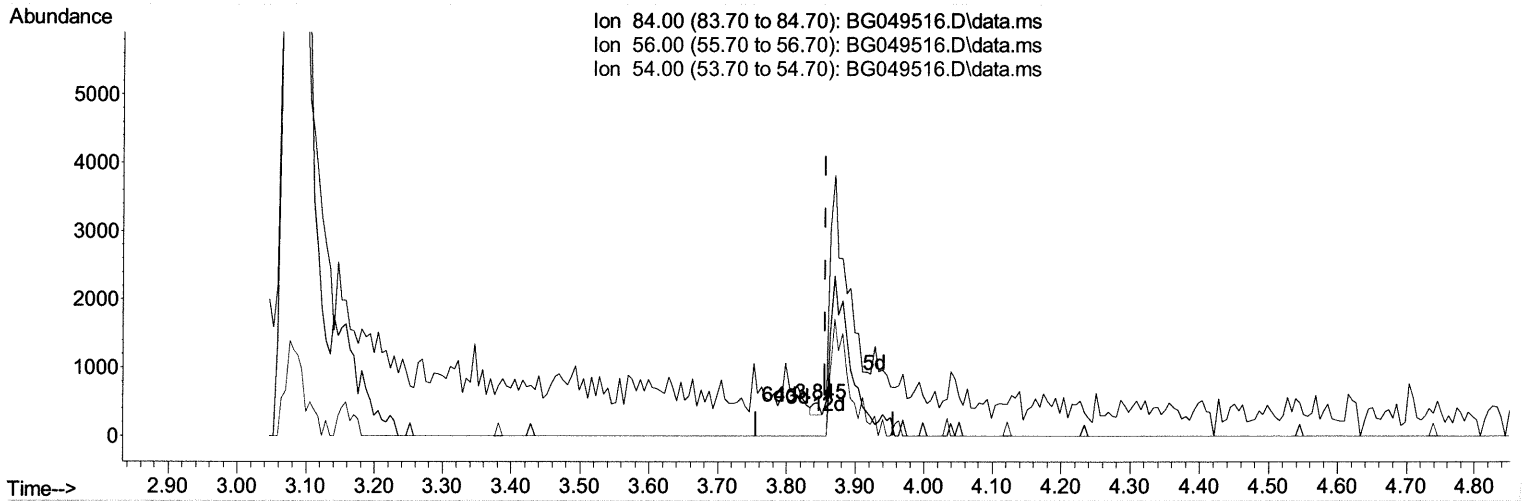
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
 Acq On : 27 Jul 2021 20:45
 Operator : CG/JU
 Sample : M3091-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

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Manual Integrations
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TIC: BG049516.D\data.ms

(4) Pyridine-d5 (S)

3.845min (-0.010) 0.08 ng/ul

response 125

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	0.00#
54.00	34.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

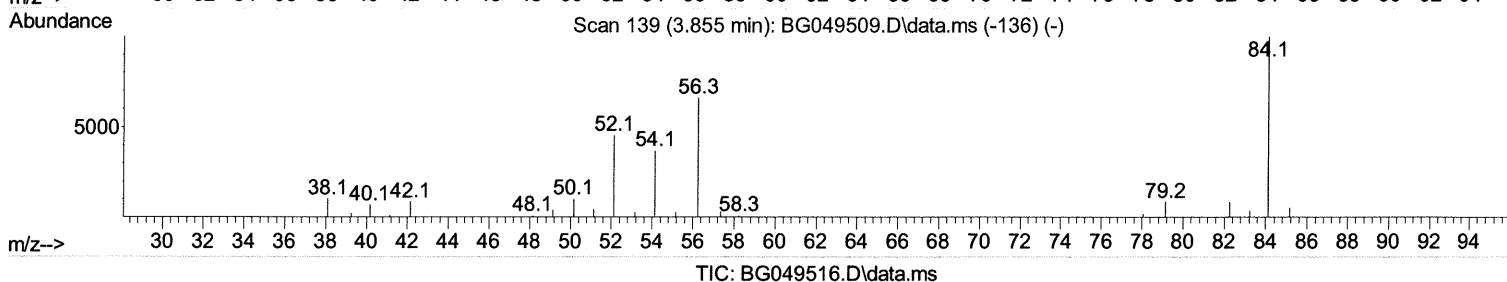
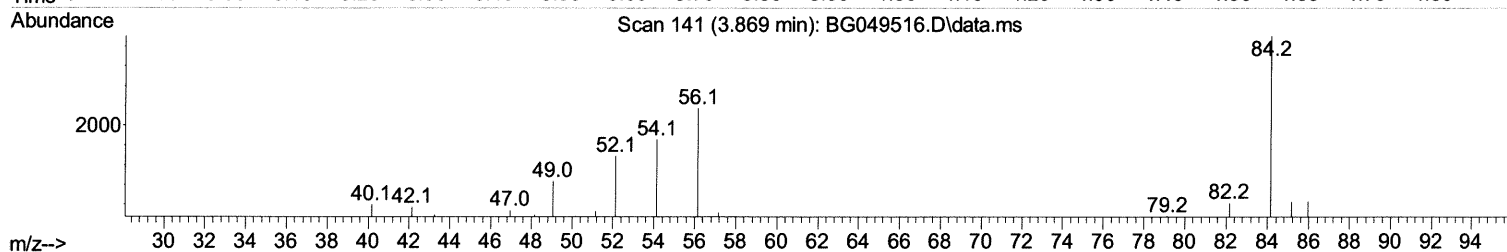
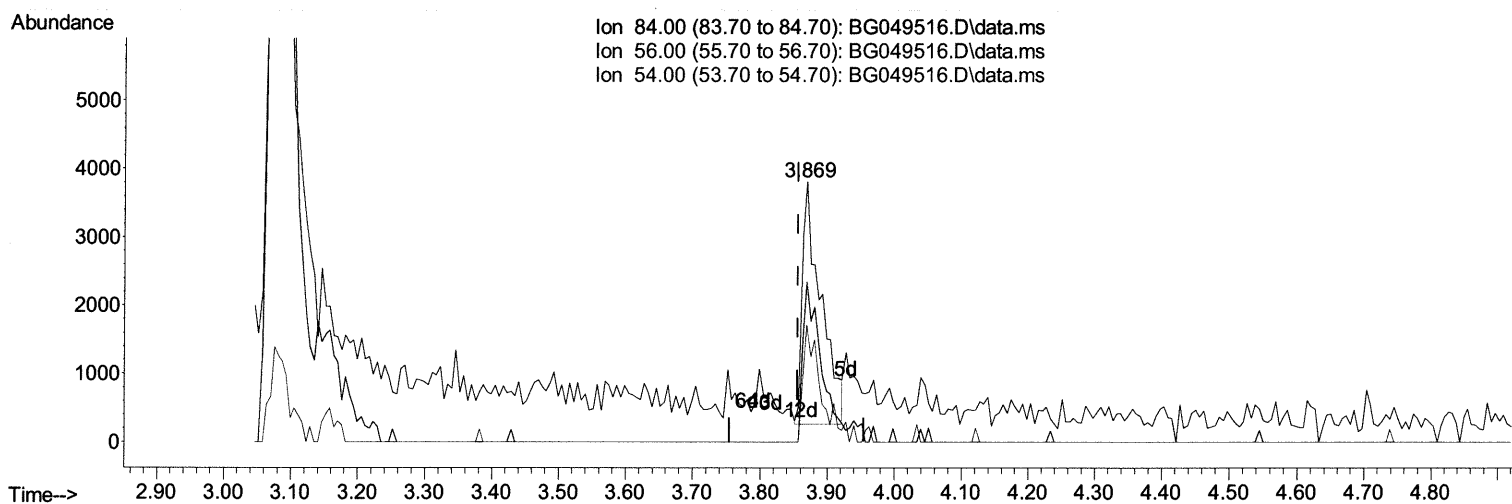
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(4) Pyridine-d5 (S)

3.869min (+ 0.014) 4.58 ng/ul m 07/29/21JU

response 6852

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	61.54
54.00	34.10	44.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

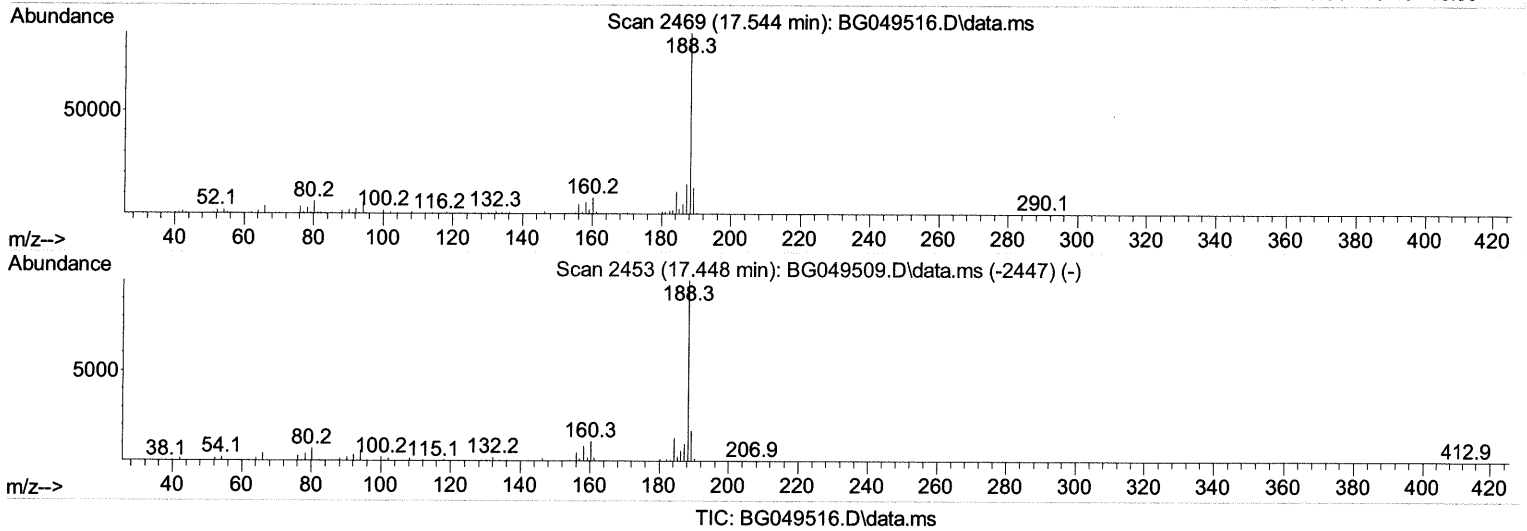
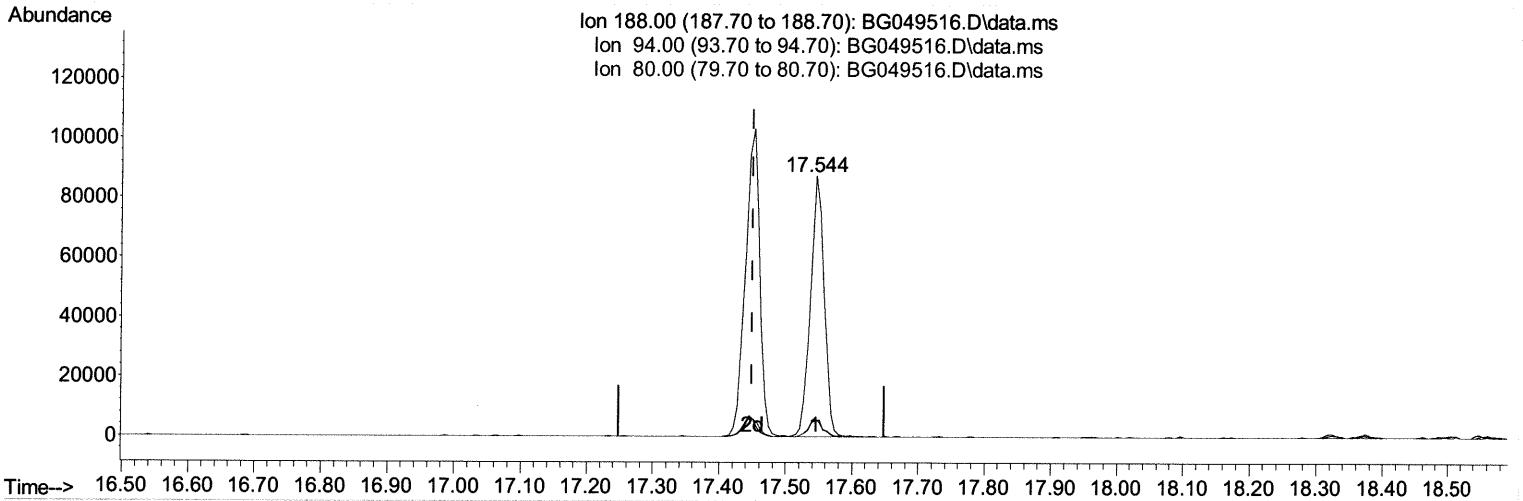
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0047

Manual Integrations
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mohammad
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QLast Update : Mon Jul 26 11:36:47 2021
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(64) Phenanthrene-d10 (I)

17.544min (+ 0.096) 20.00 ng/ul

response 125039

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	6.28
80.00	7.00	6.84
0.00	0.00	0.00

Quantitation Report (Qedit)

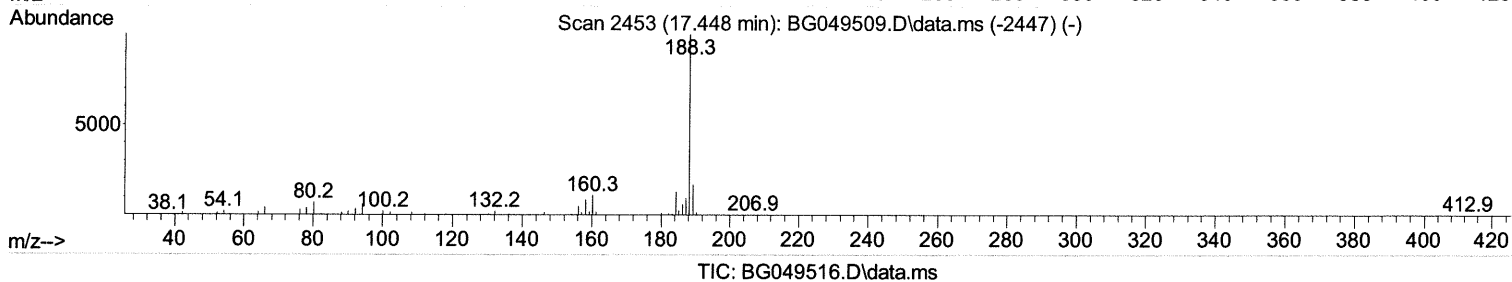
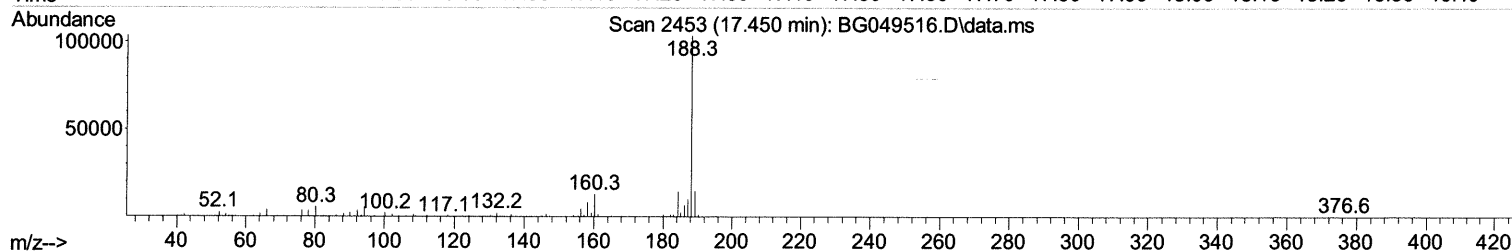
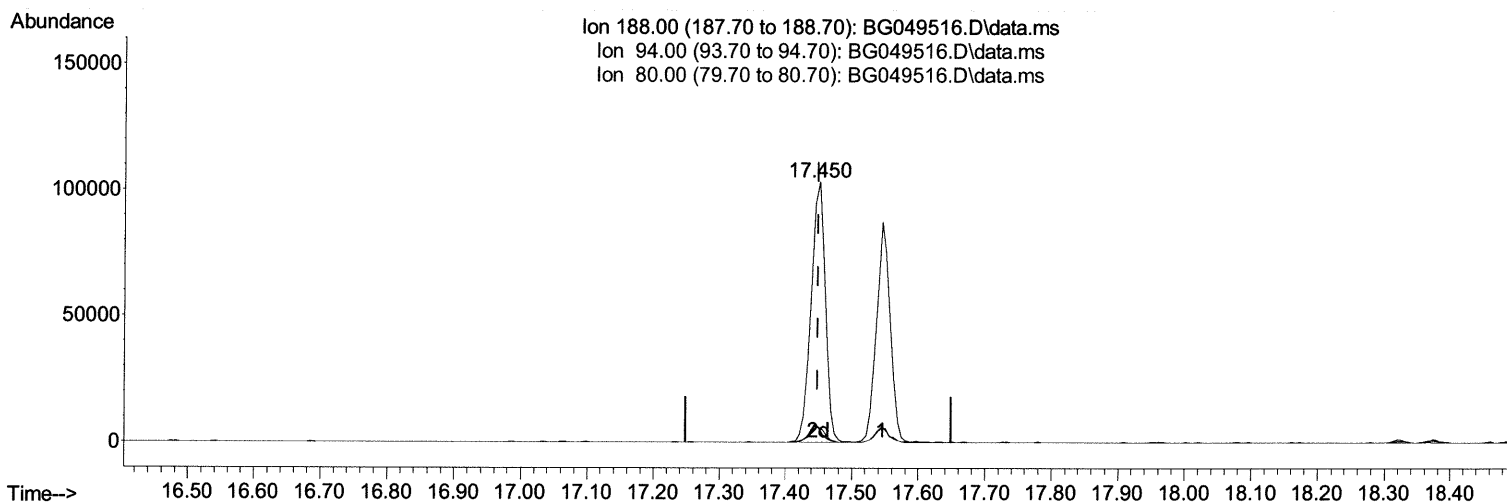
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Jul 28 04:37:50 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



(64) Phenanthrene-d10 (I)

17.450min (+ 0.002) 20.00 ng/ul m 07/29/21 JU

response 153432

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.24
80.00	7.00	5.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

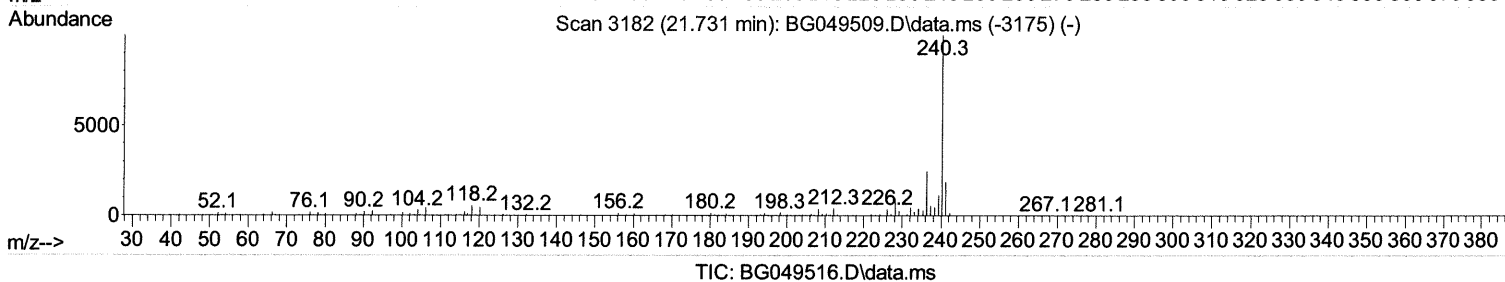
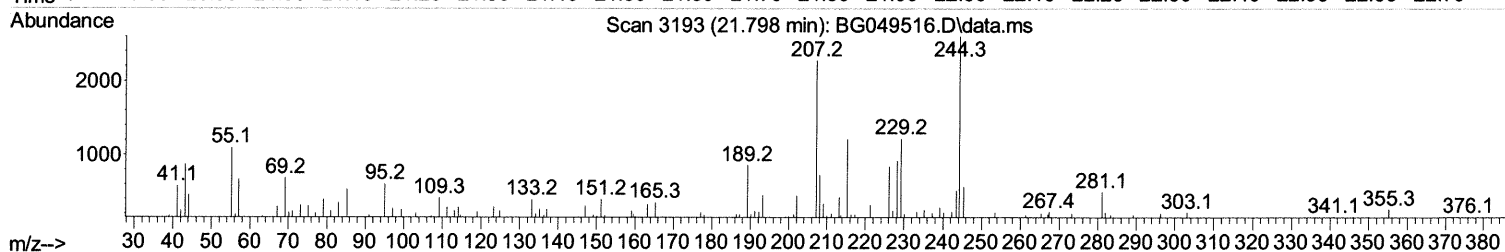
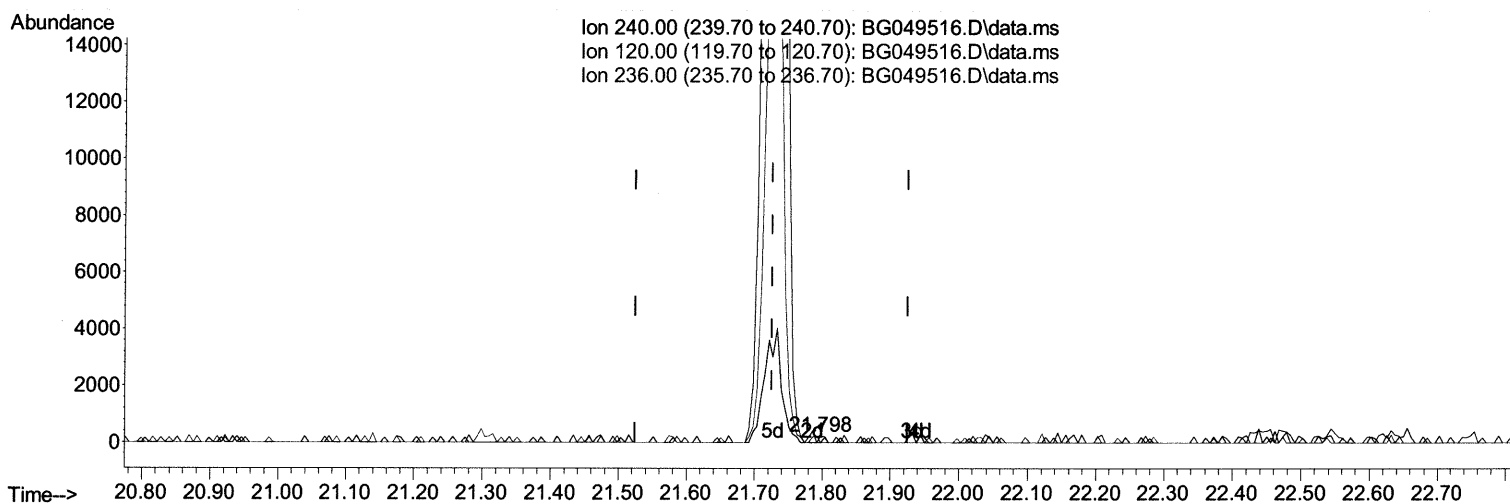
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0047

Manual Integrations
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mohammad
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(79) Chrysene-d12 (I)

21.798min (+ 0.073) 20.00 ng/ul

response 150

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	5.00	0.00#
236.00	28.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

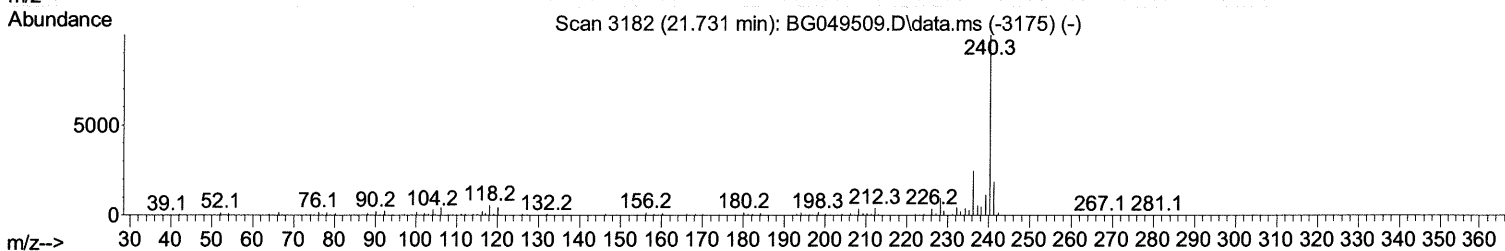
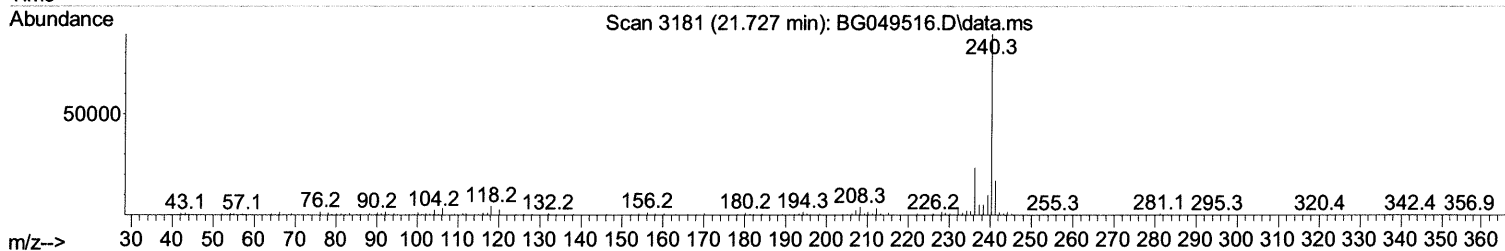
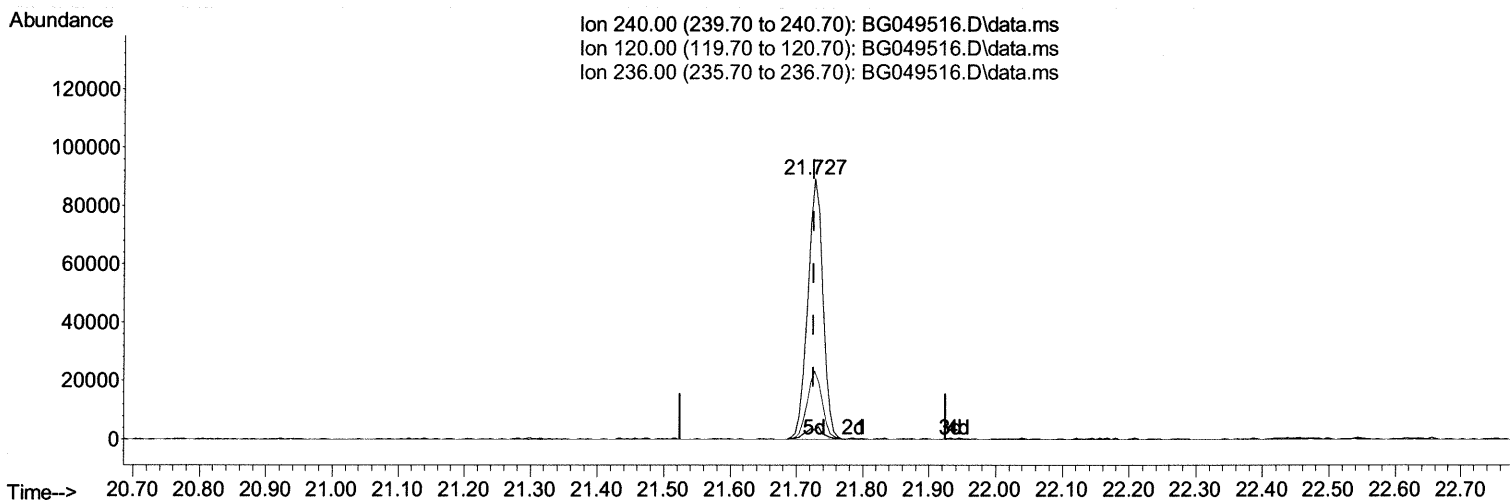
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
 Acq On : 27 Jul 2021 20:45
 Operator : CG/JU
 Sample : M3091-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0047

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jul 28 04:37:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
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 Response via : Initial Calibration



TIC: BG049516.D\data.ms

(79) Chrysene-d12 (I)

21.727min (+ 0.002) 20.00 ng/ul m 07/29/21 JU

response 141960

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	5.00	3.35#
236.00	28.20	26.10
0.00	0.00	0.00

Quantitation Report (Qedit)

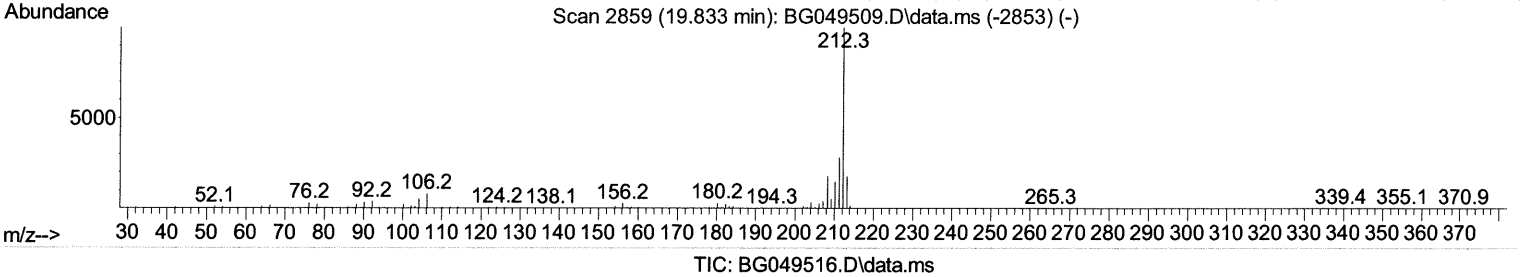
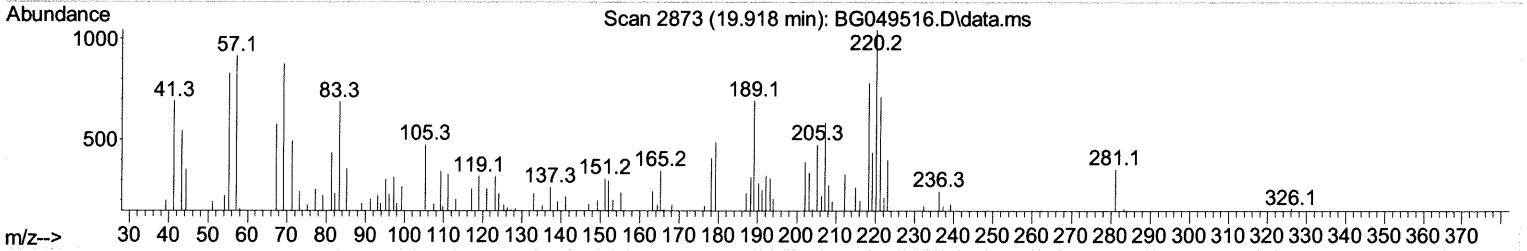
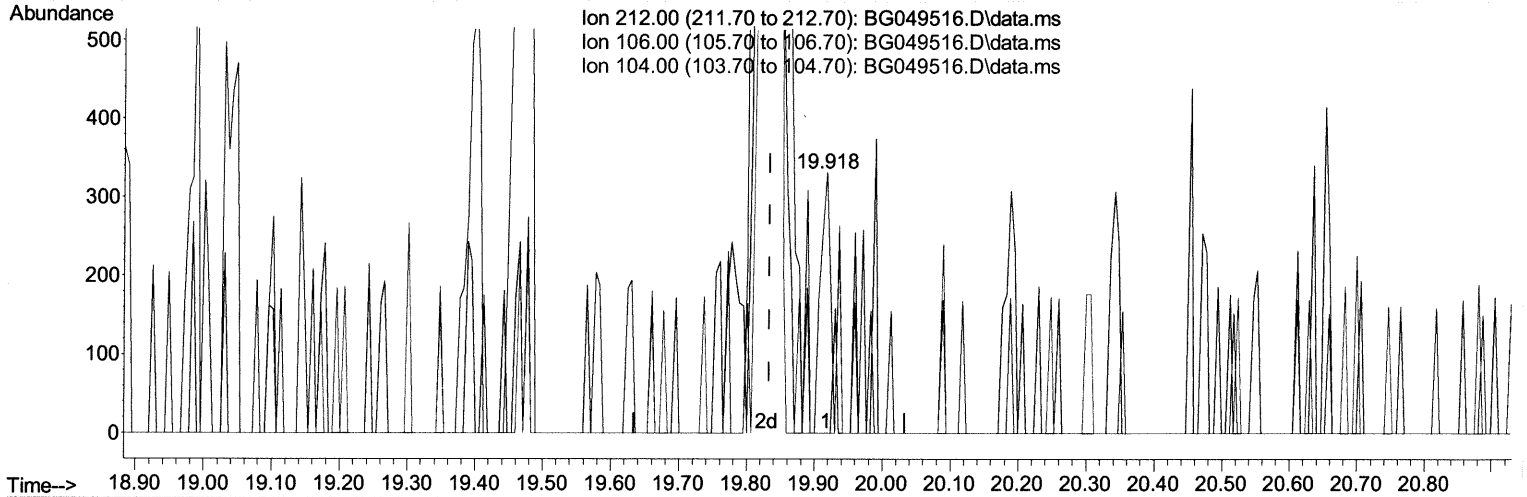
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
 Acq On : 27 Jul 2021 20:45
 Operator : CG/JU
 Sample : M3091-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG049516.D\data.ms

(81) Pyrene-d10 (S)

19.918min (+ 0.084) 0.05 ng/ul

response 331

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	7.30	0.00#
104.00	5.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

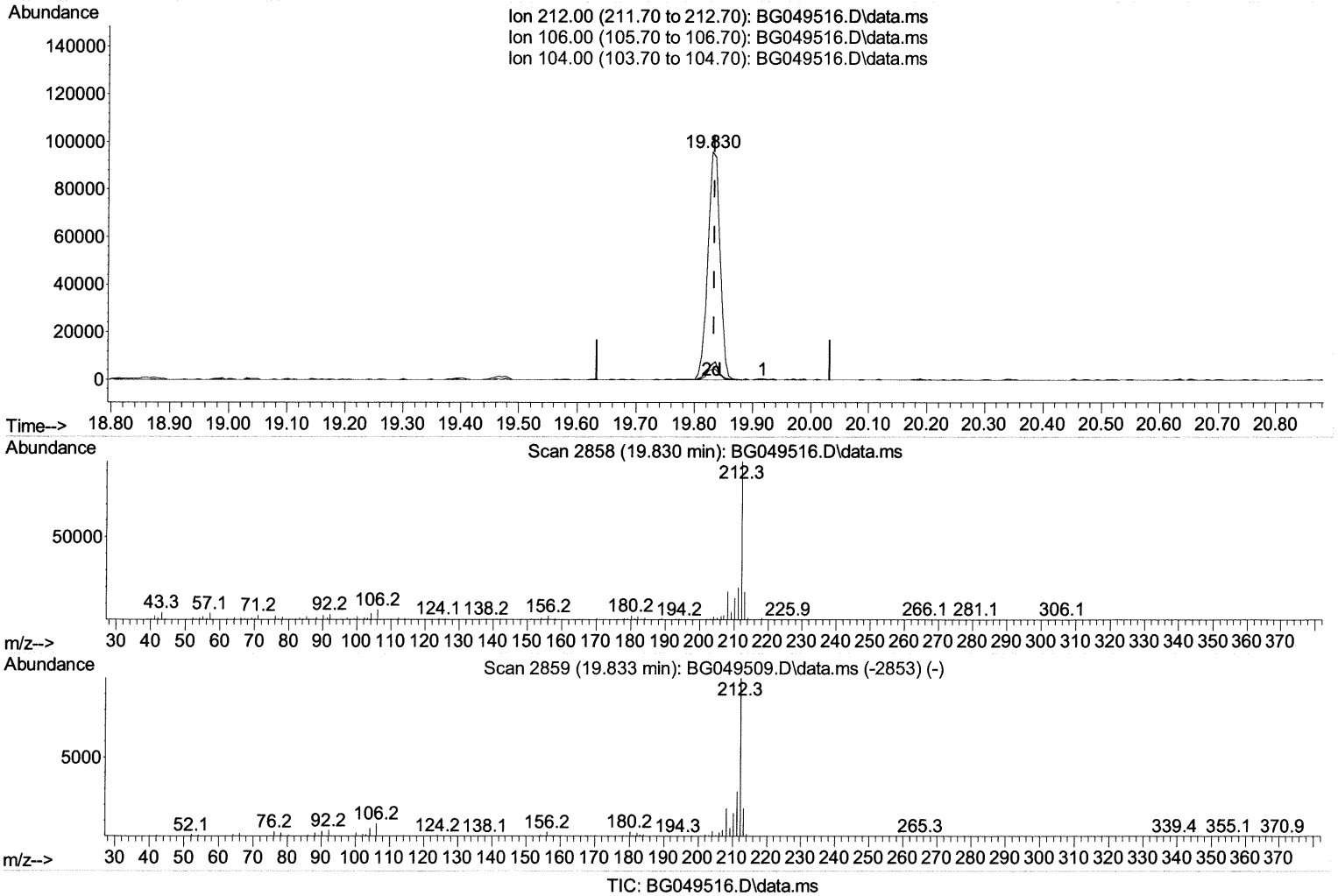
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
 Acq On : 27 Jul 2021 20:45
 Operator : CG/JU
 Sample : M3091-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad
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(81) Pyrene-d10 (S)

19.830min (-0.004) 19.21 ng/ul m 07/29/21 JU

response 139409

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	7.30	6.59
104.00	5.50	4.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

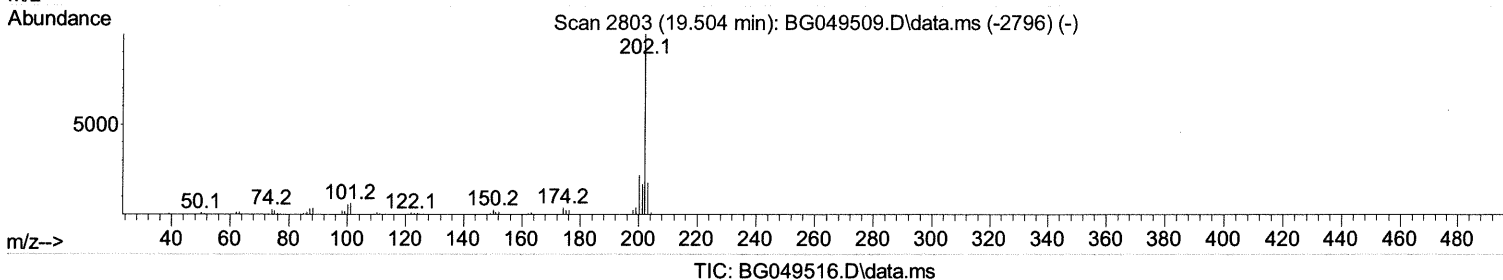
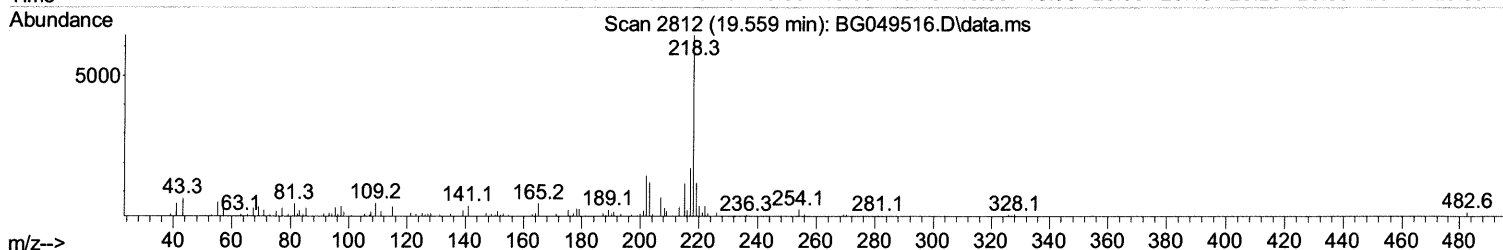
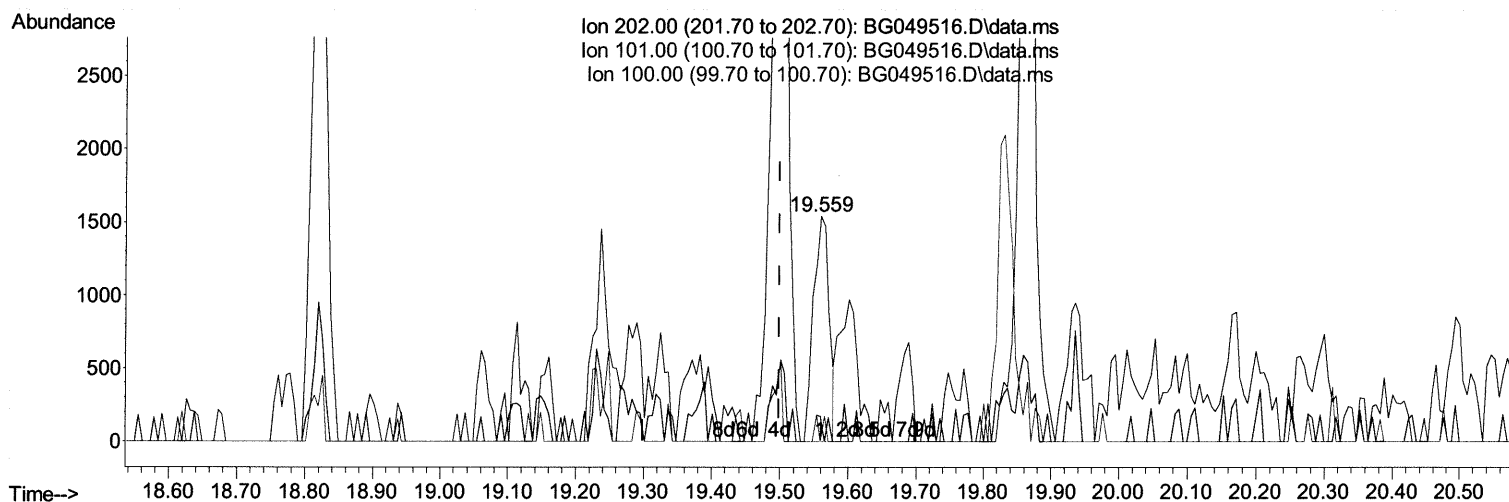
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
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Misc :
ALS Vial : 46 Sample Multiplier: 1

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(80) Fluoranthene

19.559min (+ 0.061) 0.28 ng/ul

response 2466

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	5.40	11.10#
100.00	4.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

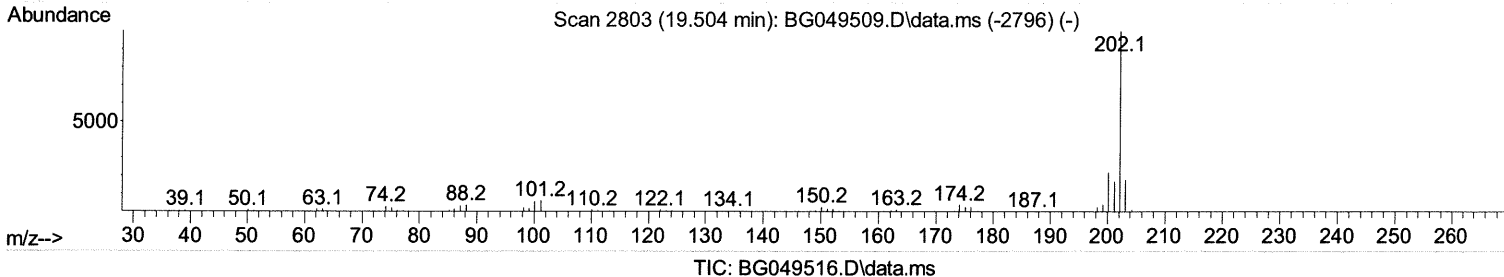
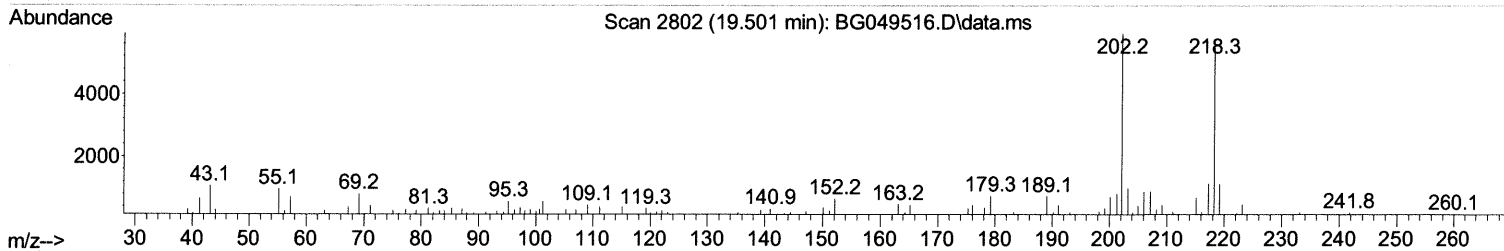
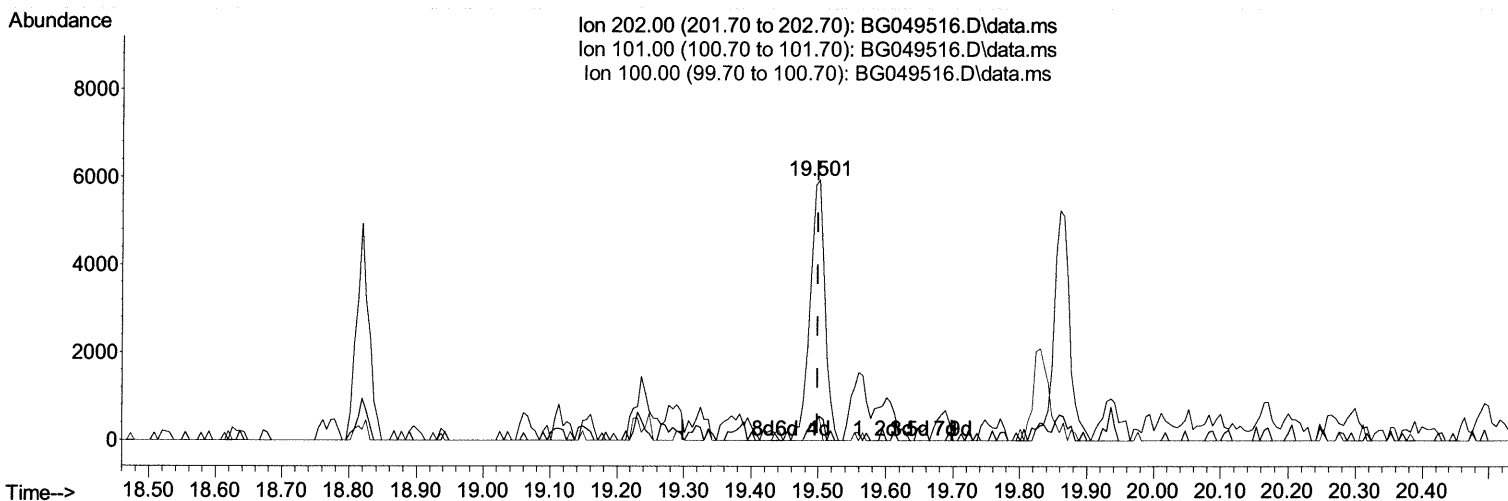
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
 Acq On : 27 Jul 2021 20:45
 Operator : CG/JU
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 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
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TIC: BG049516.D\data.ms

(80) Fluoranthene

19.501min (+ 0.002) 1.04 ng/ul m 07/29/21 JU

response 9123

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	5.40	9.39#
100.00	4.70	5.04
0.00	0.00	0.00

Quantitation Report (Qedit)

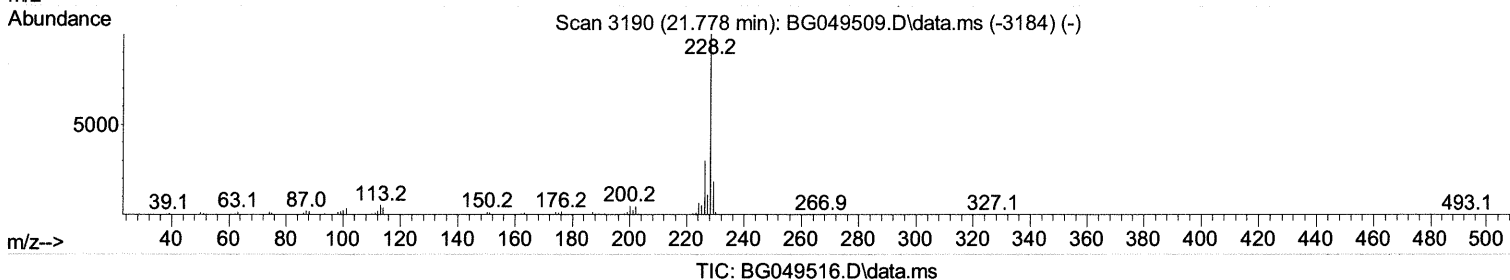
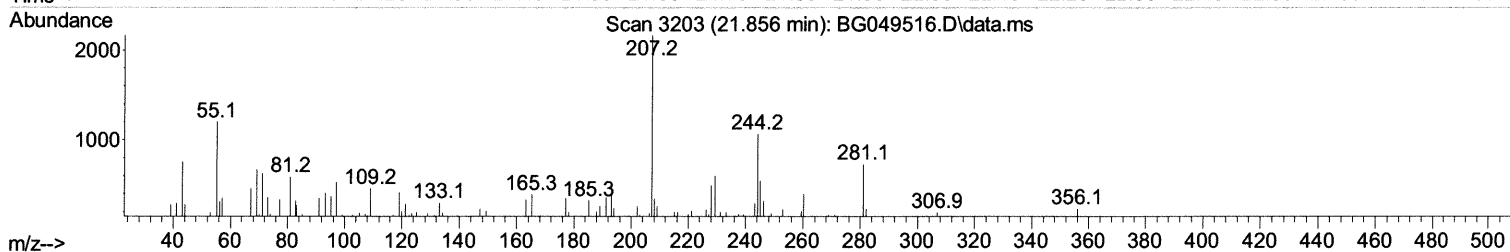
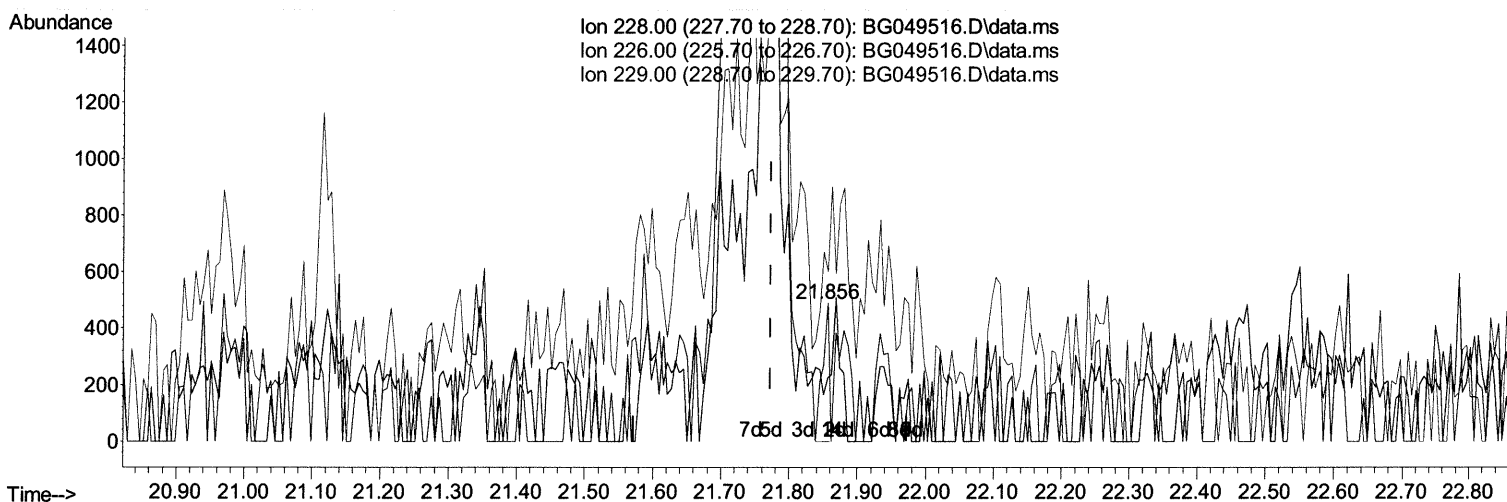
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049516.D
Acq On : 27 Jul 2021 20:45
Operator : CG/JU
Sample : M3091-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
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(87) Chrysene

21.856min (+ 0.084) 0.04 ng/ul

response 341

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	46.01#
229.00	18.60	122.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

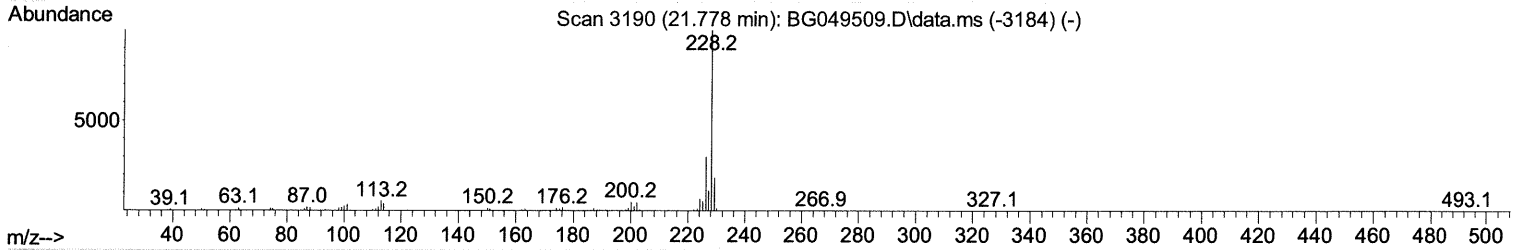
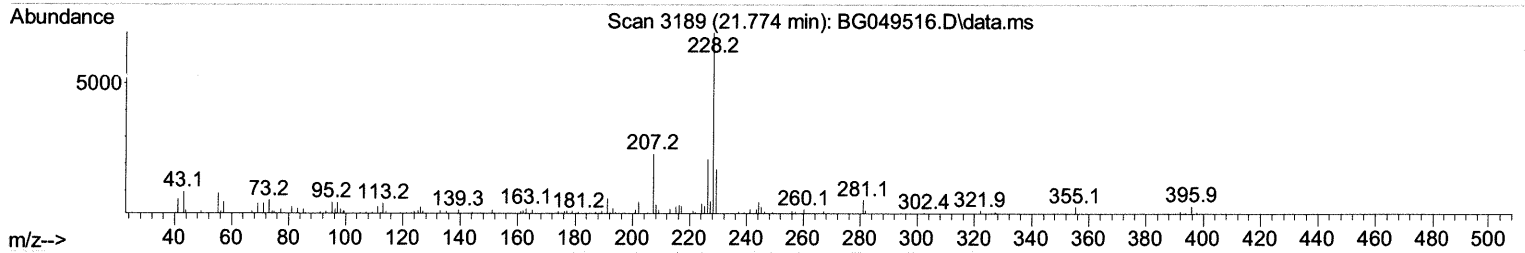
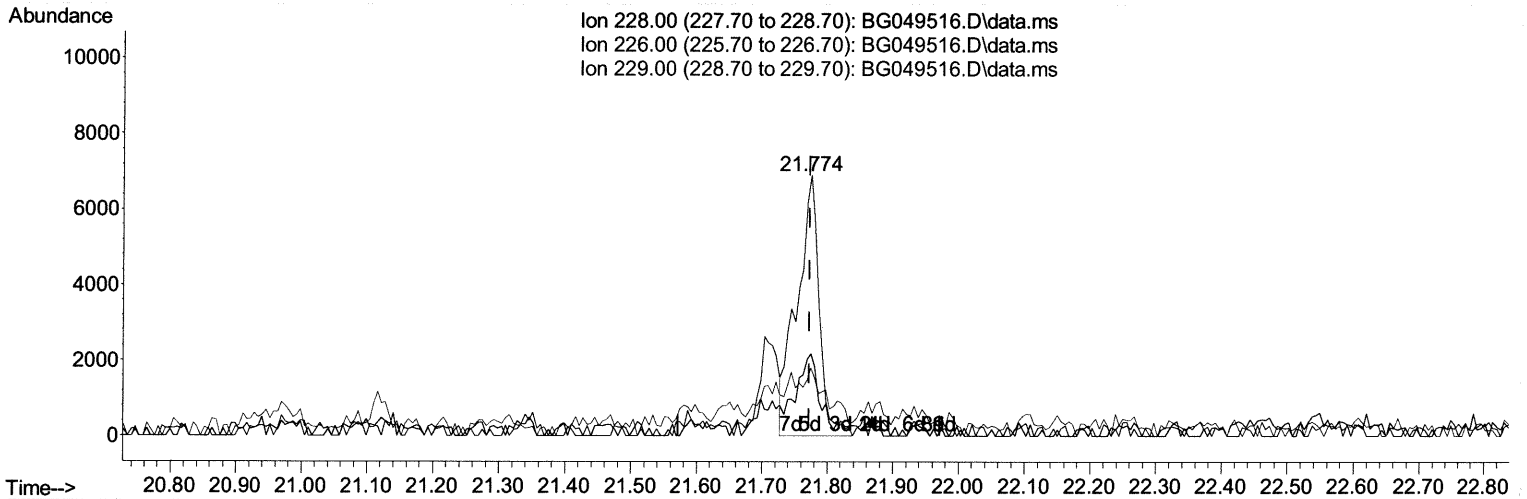
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
 Acq On : 27 Jul 2021 20:45
 Operator : CG/JU
 Sample : M3091-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Jul 28 04:37:50 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



TIC: BG049516.D\data.ms

(87) Chrysene

21.774min (+ 0.002) 1.97 ng/ul m 07/29/21 JU

response 16352

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	31.48
229.00	18.60	26.08#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049516.D
 Acq On : 27 Jul 2021 20:45
 Operator : CG/JU
 Sample : M3091-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0047

Manual Integrations
 APPROVED

mohammad
 7/28/2021 11:30:02 AM

Quant Time: Jul 28 04:37:50 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	23843	20.000	ng/ul	0.00
20) Naphthalene-d8	10.871	136	104615	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.701	164	77701	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	153432m	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	141960m	20.000	ng/ul	0.00
88) Perylene-d12	25.005	264	153769	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	1223m	2.347	ng/uL	0.00
4) Pyridine-d5	3.869	84	6852m	4.578	ng/ul	0.01
7) Phenol-d5	7.206	99	31597	14.978	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	18780	15.719	ng/ul	0.00
11) 2-Chlorophenol-d4	7.576	132	23830	15.759	ng/ul	0.00
15) 4-Methylphenol-d8	8.756	113	25328	15.929	ng/ul	0.00
21) Nitrobenzene-d5	9.215	128	12794	15.907	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	14909	15.818	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.489	165	26743	15.601	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	32243	13.496	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	95522	16.049	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	115977	16.776	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	12851	13.111	ng/ul	0.00
60) Fluorene-d10	15.688	176	83550	16.294	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	12383	13.024	ng/ul	0.00
73) Anthracene-d10	17.544	188	125039	17.535	ng/ul	0.00
81) Pyrene-d10	19.830	212	139409m	19.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.776	264	138002	17.075	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.918	128	17391	3.227	ng/ul#	93
36) 2-Methylnaphthalene	12.522	142	21745	5.513	ng/ul	97
37) 1-Methylnaphthalene	12.745	142	10560	2.650	ng/ul	88
43) 1,1'-Biphenyl	13.526	154	5612	1.014	ng/ul#	87
72) Phenanthrene	17.492	178	39895	4.995	ng/ul	99
80) Fluoranthene	19.501	202	9123m	1.035	ng/ul	
87) Chrysene	21.774	228	16352m	1.968	ng/ul	

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