

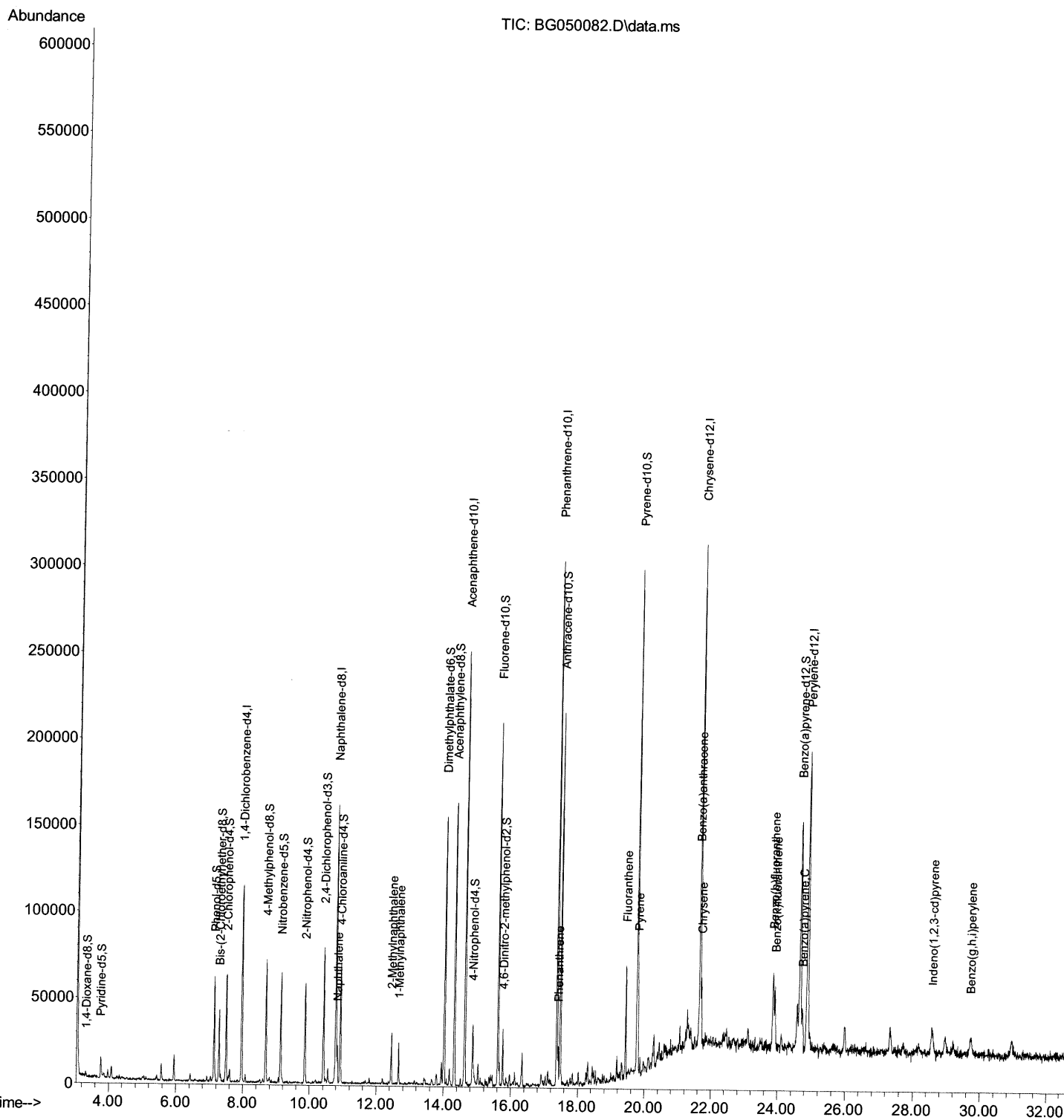
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050082.D
Acq On : 1 Sep 2021 3:25
Operator : CG/JU
Sample : M3486-12
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
Client Sample ID :
C0AY9

Manual Integrations
APPROVED

mohammad
9/1/2021 4:50:32 PM

Quant Time: Sep 01 04:49:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

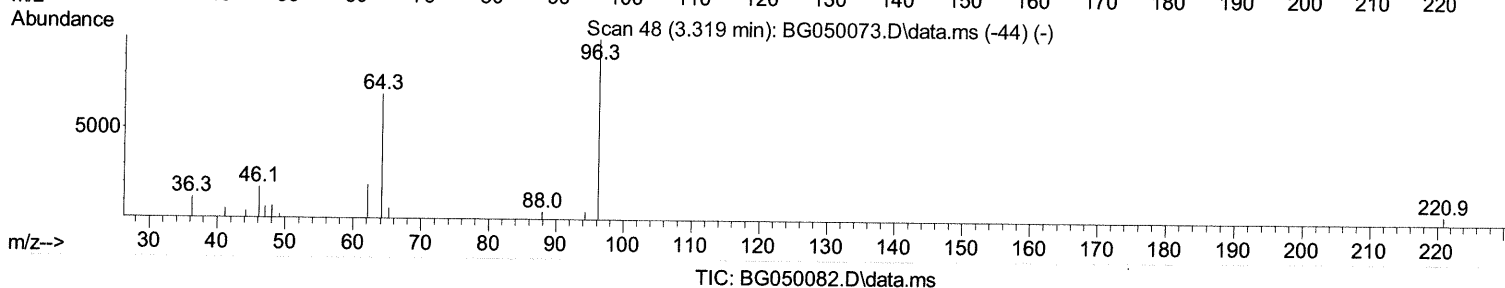
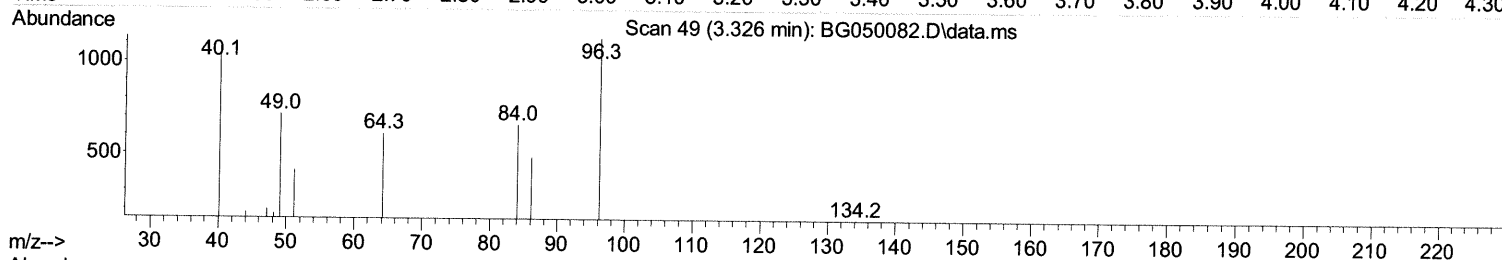
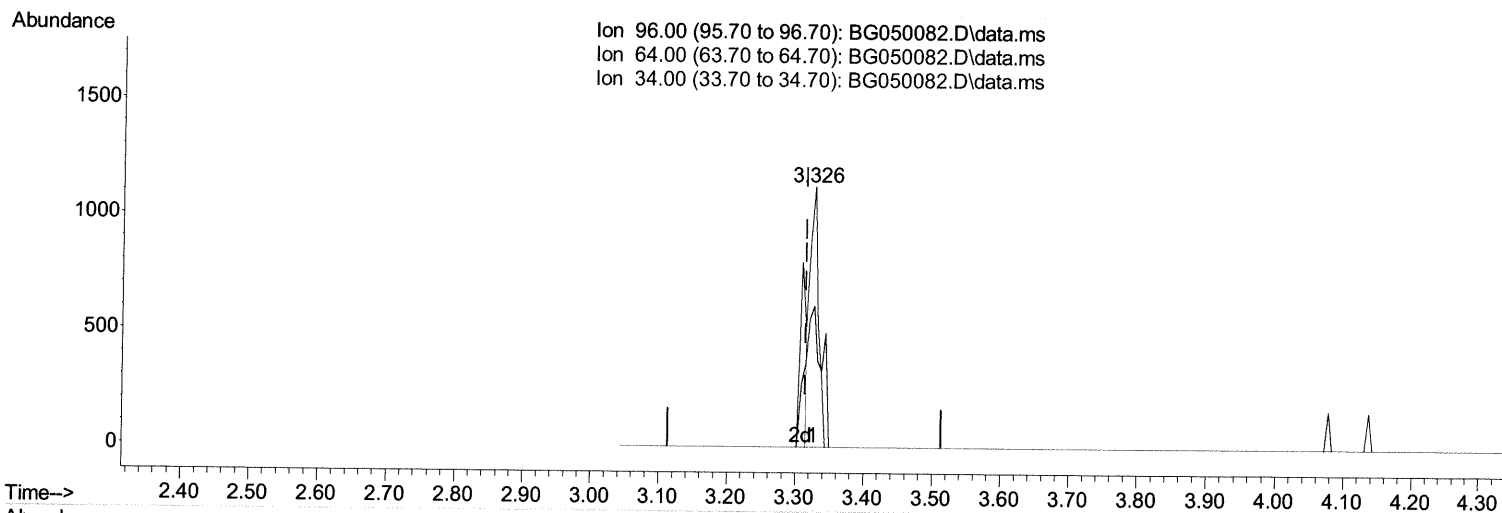
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
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(3) 1,4-Dioxane-d8 (S)

3.326min (+ 0.012) 1.59 ng/uL

response 999

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	54.02
34.00	0.00	0.00
0.00	0.00	0.00

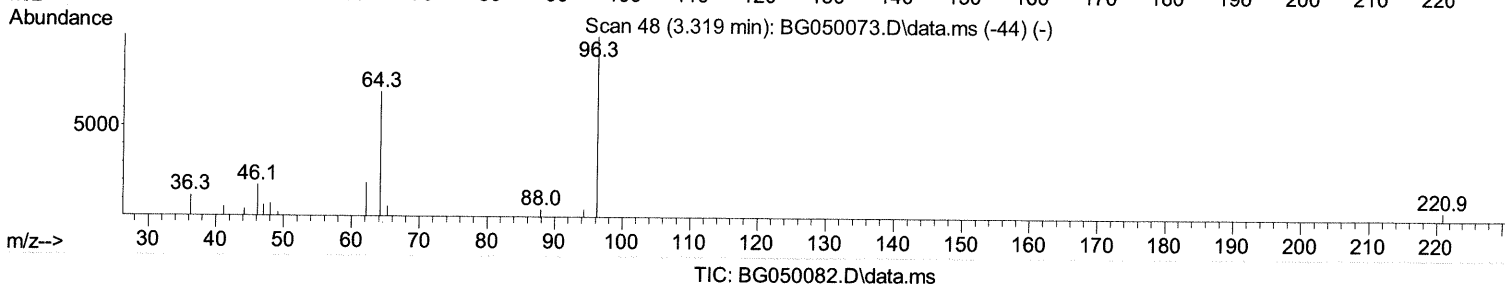
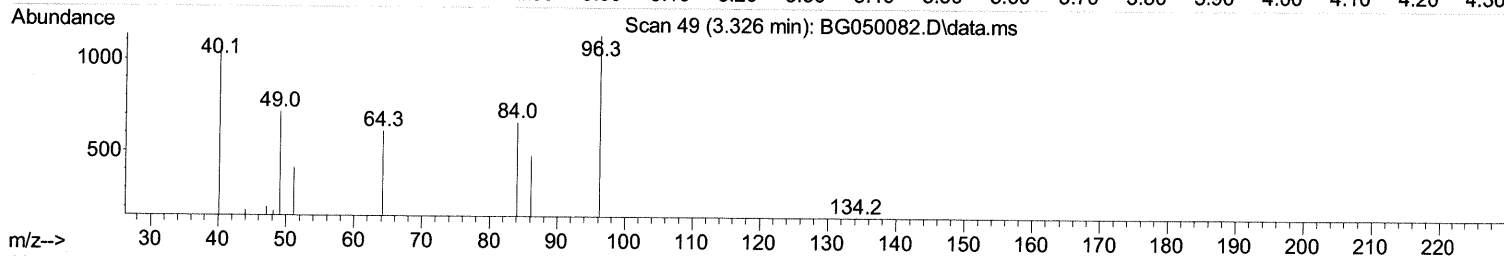
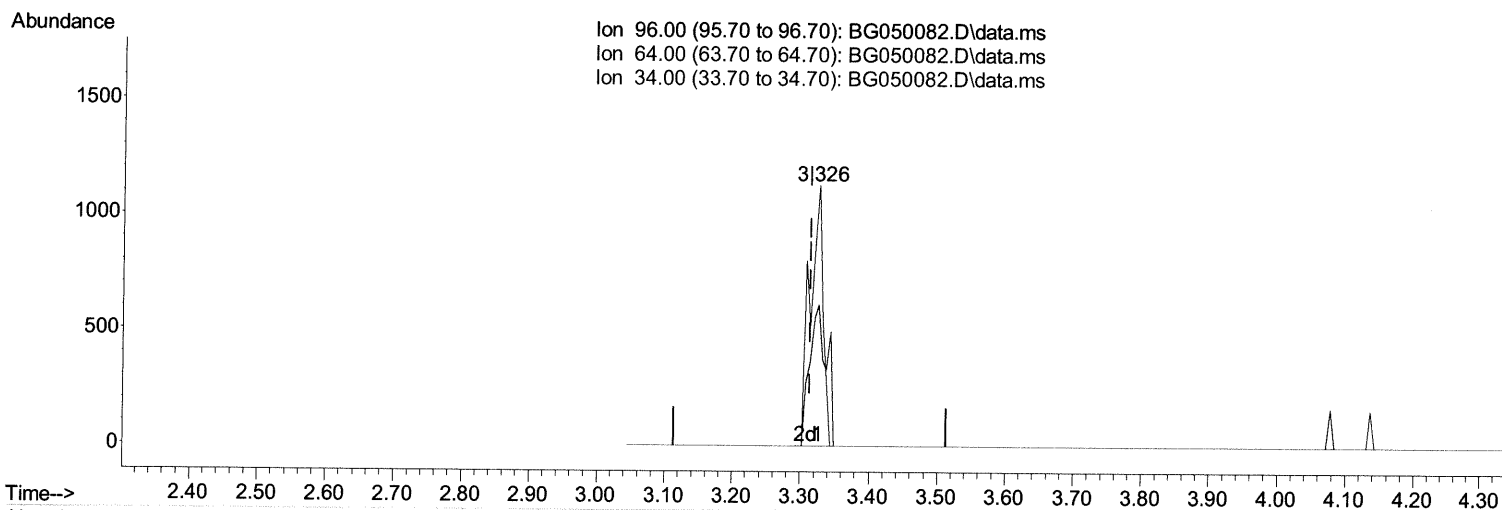
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050082.D
Acq On : 1 Sep 2021 3:25
Operator : CG/JU
Sample : M3486-12
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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mohammad
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Quant Time: Sep 01 04:49:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
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(3) 1,4-Dioxane-d8 (S)

3.326min (+ 0.012) 2.34 ng/uL m 09/03/21 ju

response 1466

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	54.02
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

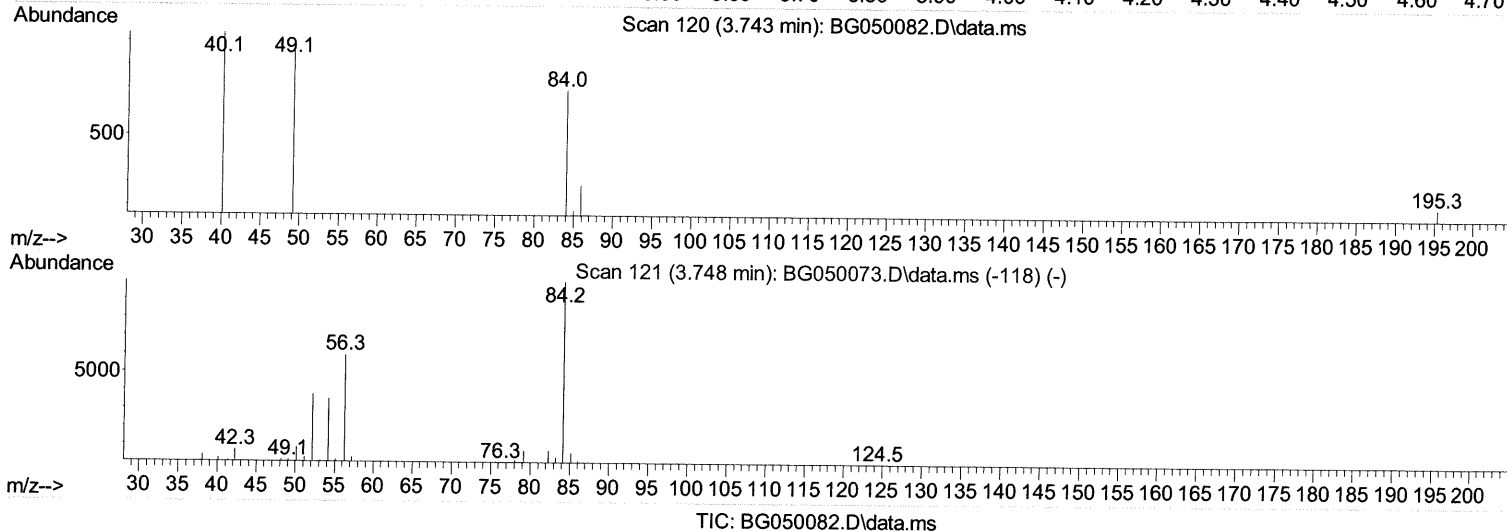
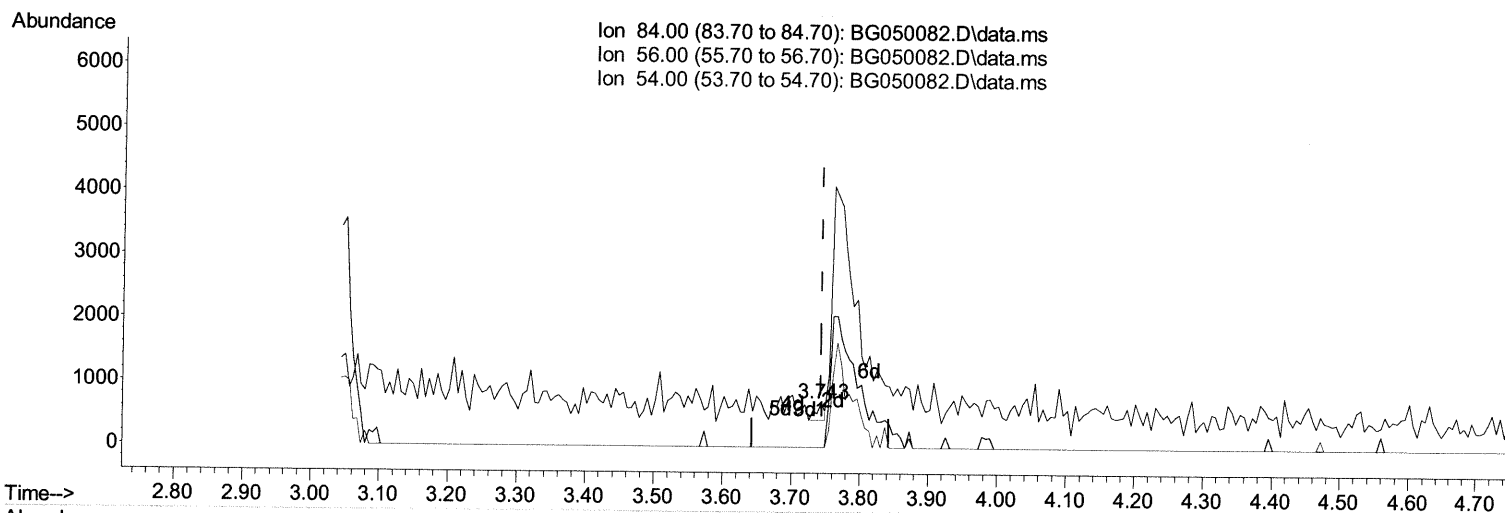
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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Quant Time: Sep 01 04:49:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
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(4) Pyridine-d5 (S)

3.743min (+ 0.000) 0.13 ng/ul

response 240

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	0.00#
54.00	37.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

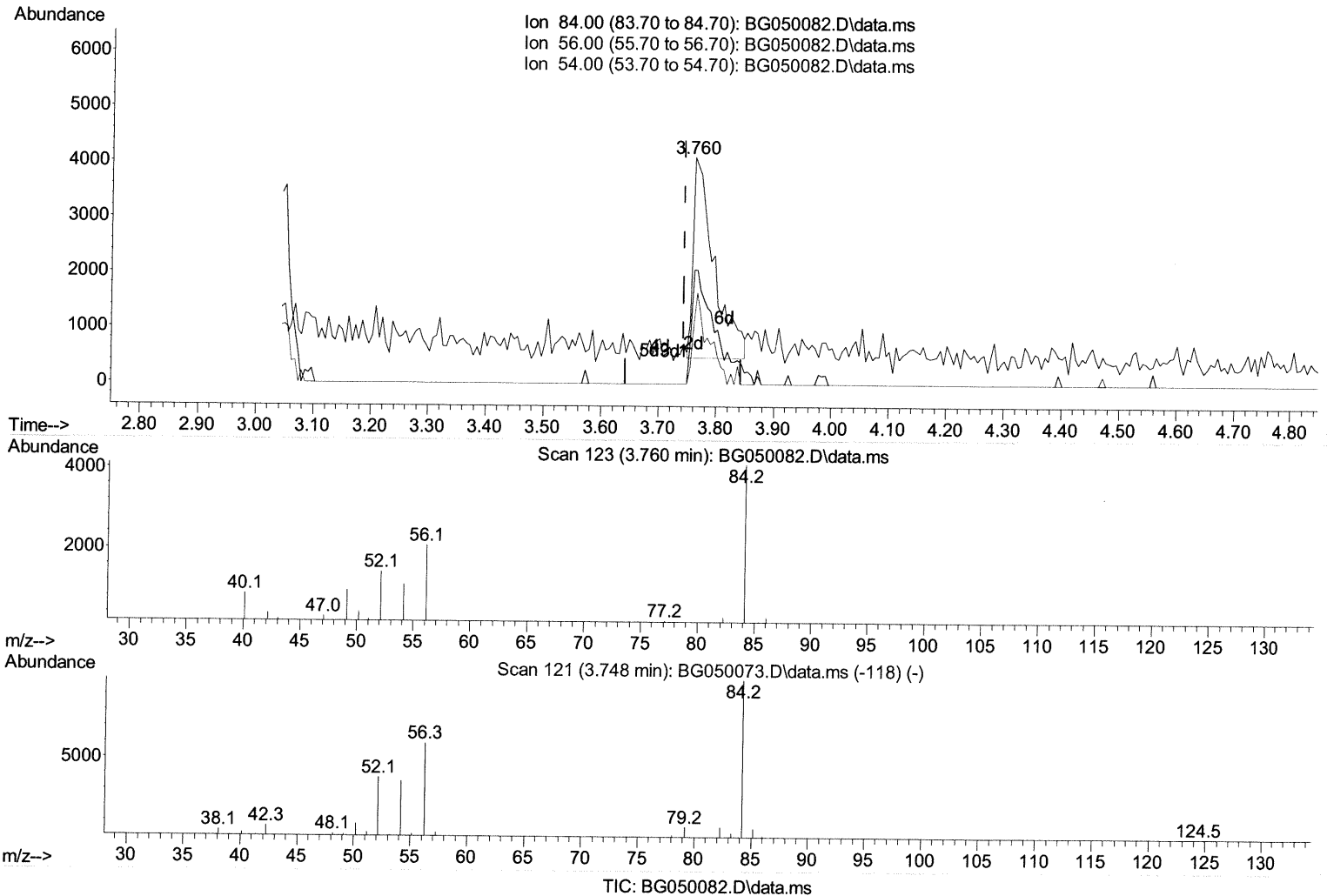
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



(4) Pyridine-d5 (S)

3.760min (+ 0.018) 4.79 ng/ul m 09/03/21 JU

response 9051

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	50.40
54.00	37.00	26.99#
0.00	0.00	0.00

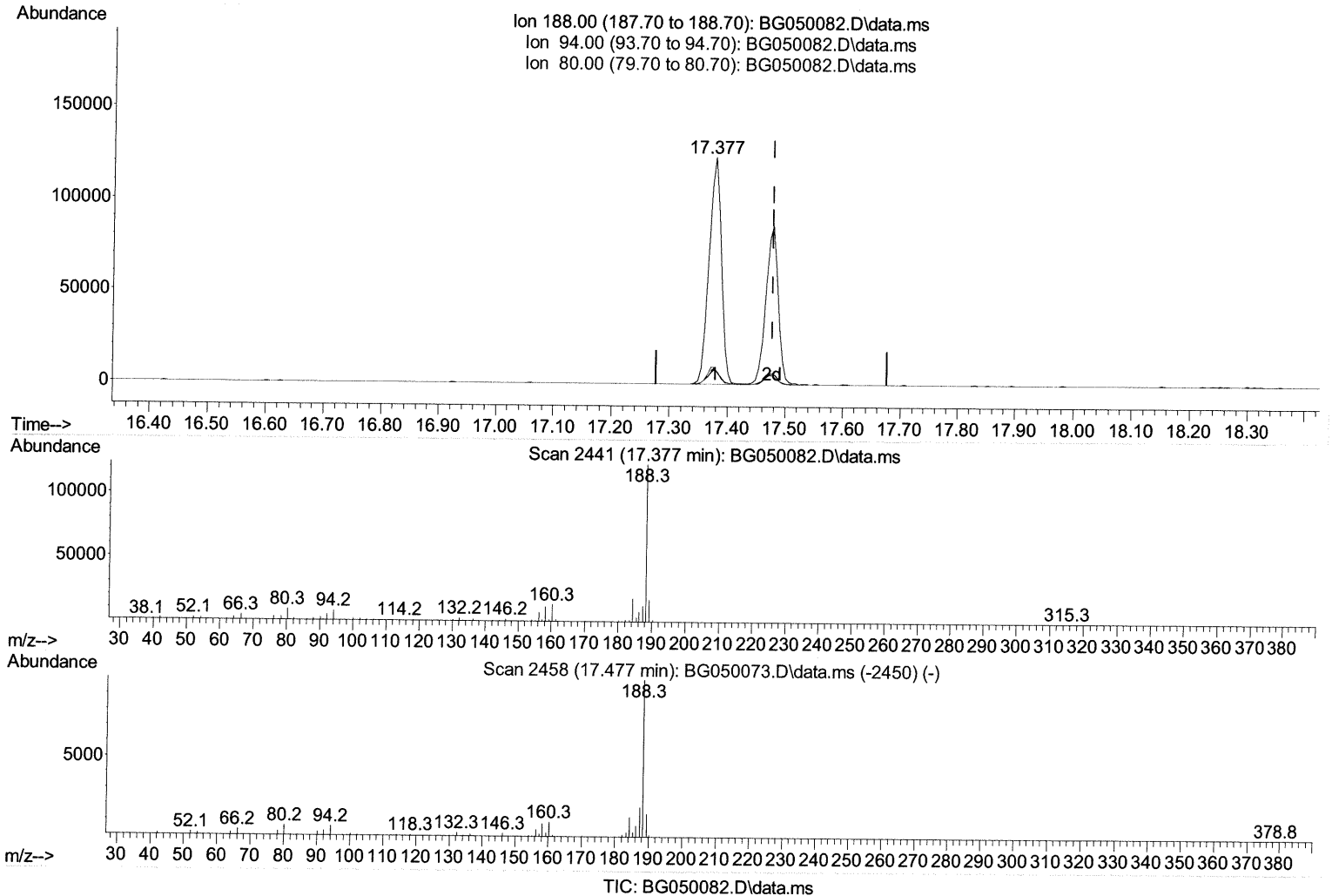
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050082.D
Acq On : 1 Sep 2021 3:25
Operator : CG/JU
Sample : M3486-12
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AY9

Manual Integrations
APPROVED

mohammad
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Quant Time: Sep 01 04:49:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
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Response via : Initial Calibration



(73) Anthracene-d10 (S)

17.377min (-0.100) 22.27 ng/u1

response 181335

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.30	6.31
80.00	6.70	7.13
0.00	0.00	0.00

Quantitation Report (Qedit)

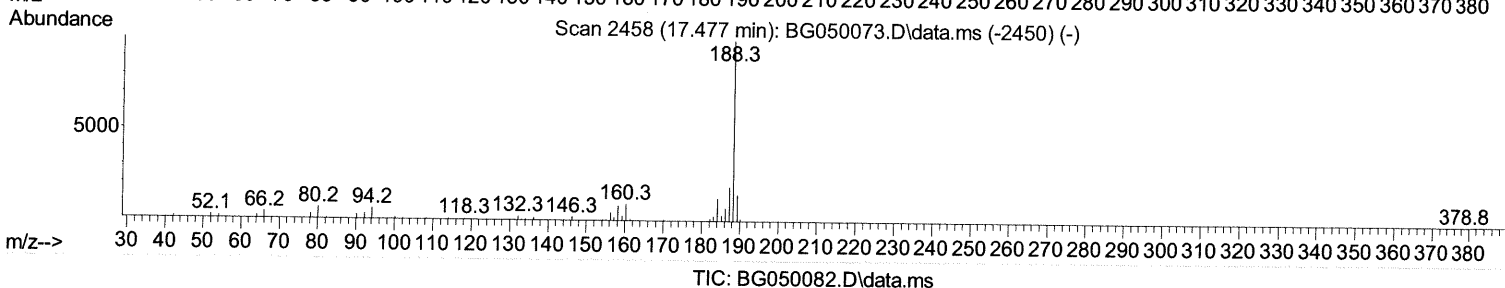
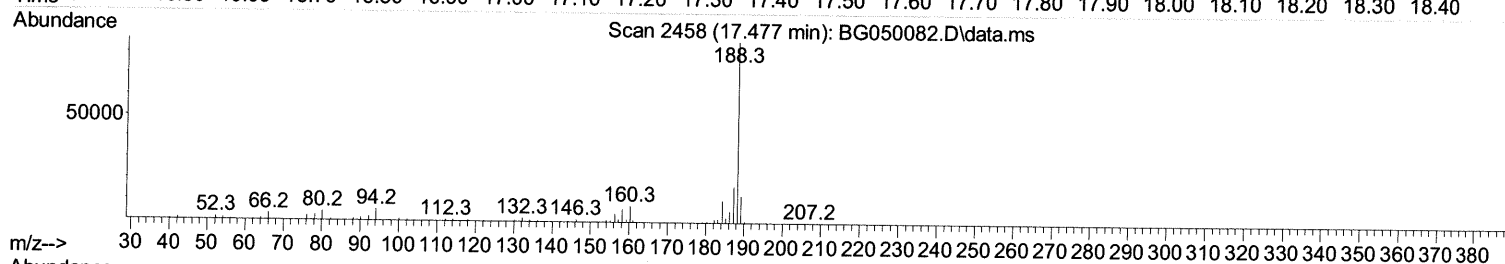
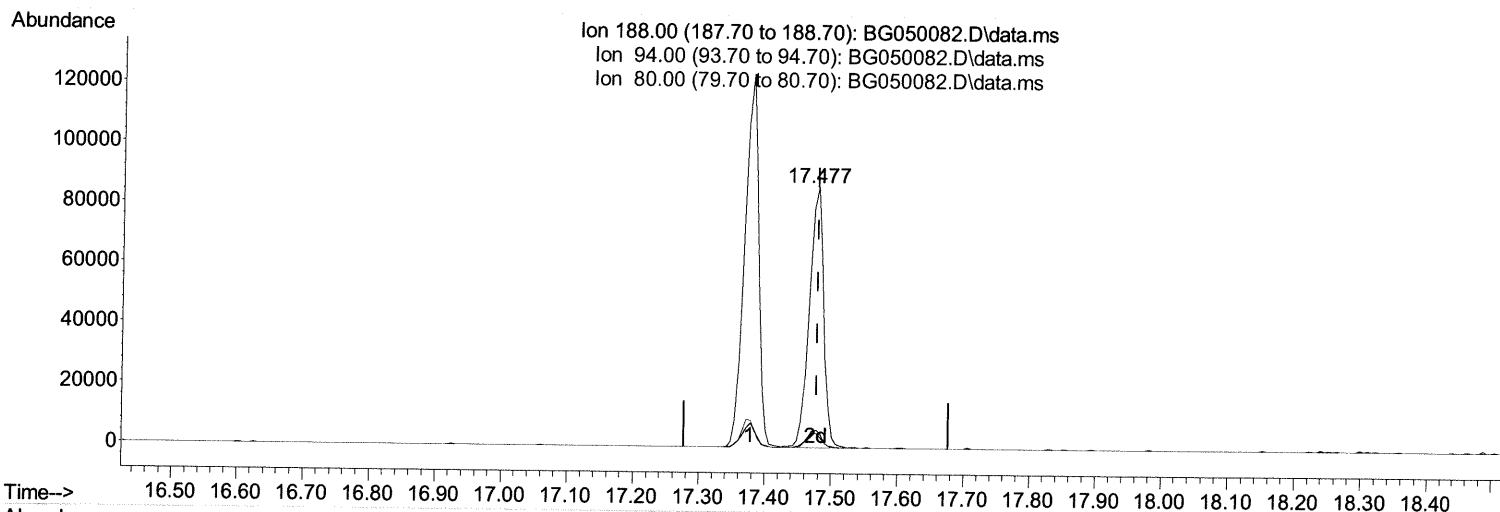
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY9

Manual Integrations
 APPROVED

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Quant Time: Sep 01 04:49:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



(73) Anthracene-d10 (S)

17.477min (+ 0.000) 15.78 ng/ul m 09/03/21 JU

response 128461

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.30	6.52
80.00	6.70	5.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

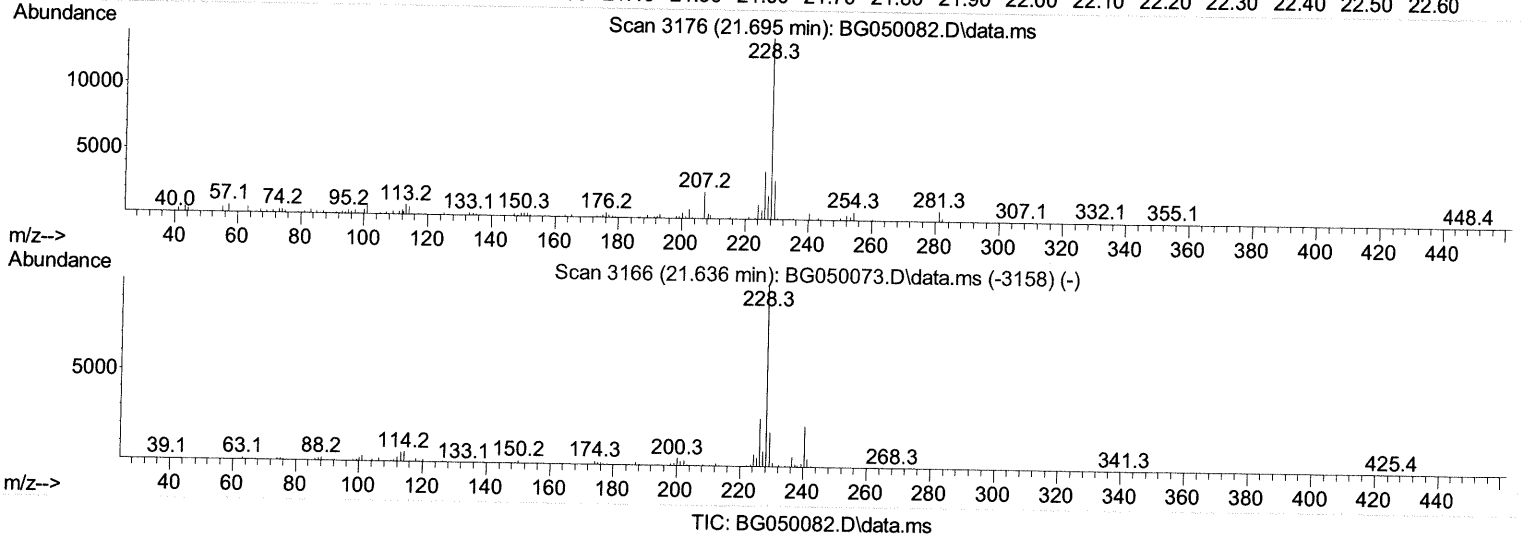
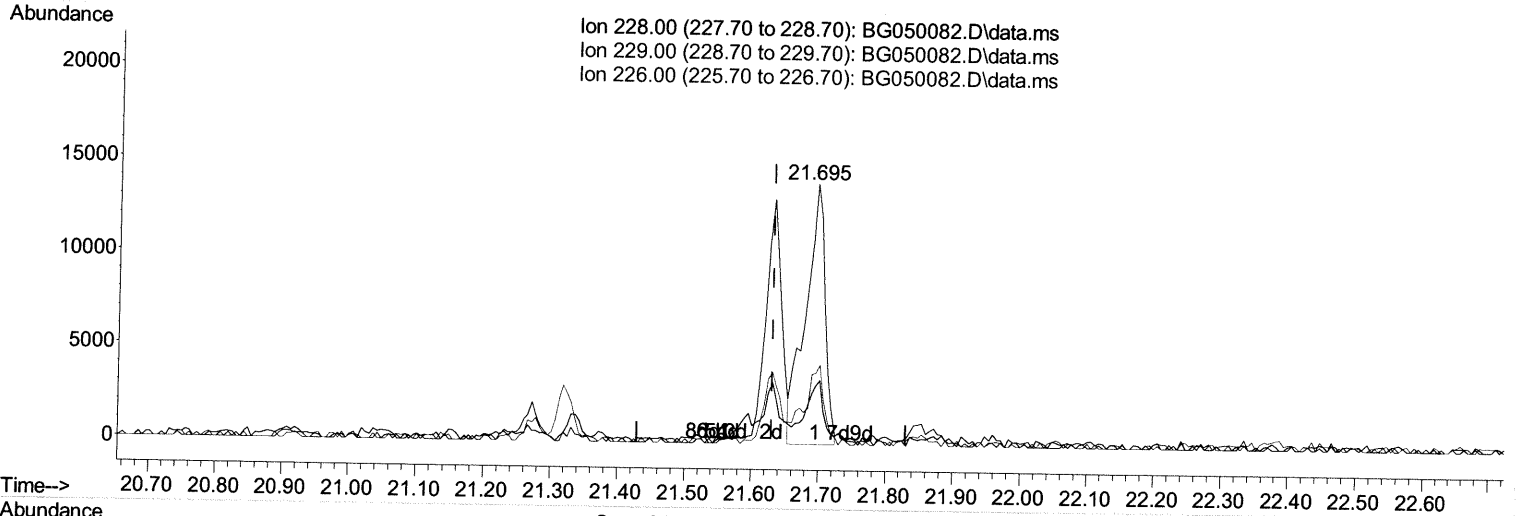
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY9

Manual Integrations
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 Response via : Initial Calibration



(85) Benzo(a)anthracene

21.695min (+ 0.065) 2.69 ng/ul

response 28327

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	22.19
226.00	26.20	27.18
0.00	0.00	0.00

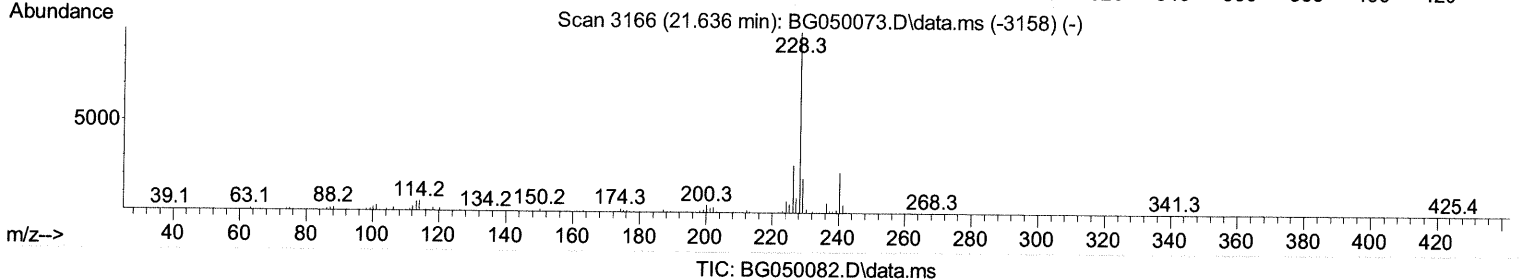
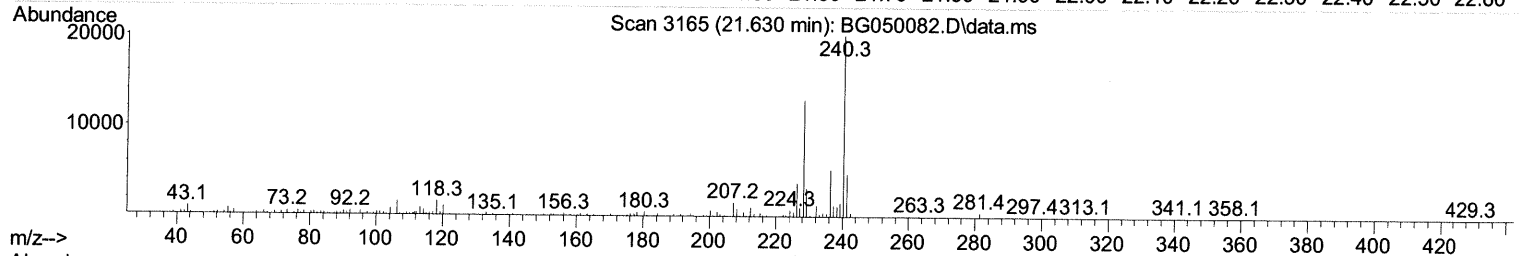
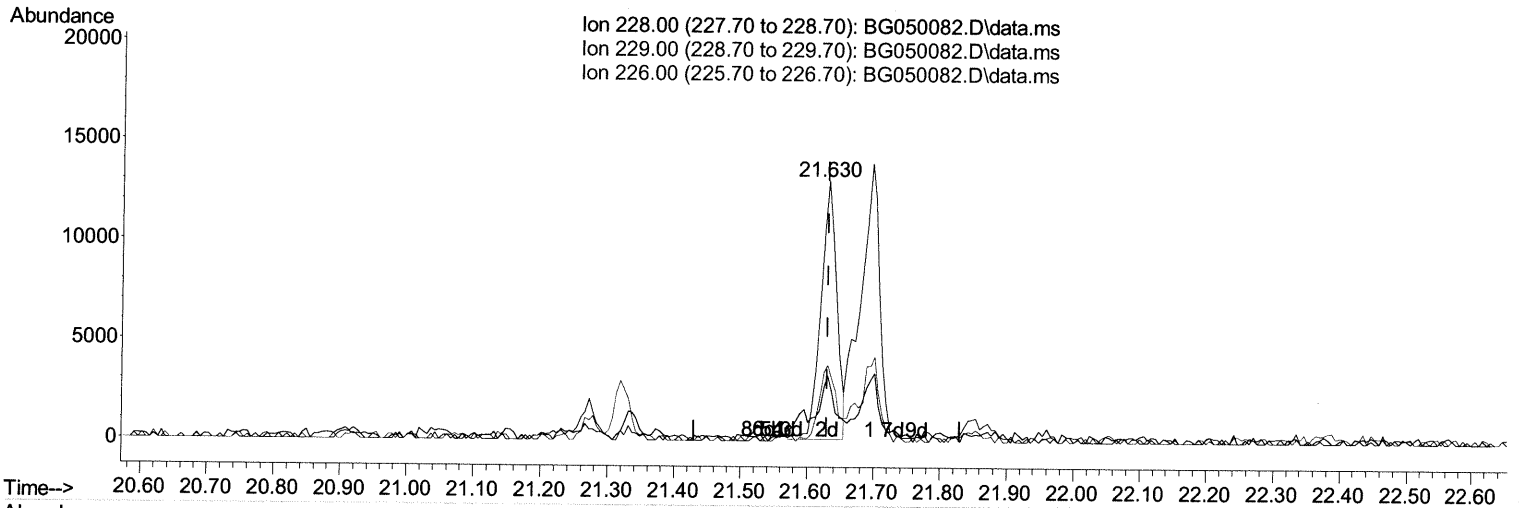
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050082.D
Acq On : 1 Sep 2021 3:25
Operator : CG/JU
Sample : M3486-12
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AY9

Manual Integrations
APPROVED

mohammad
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(85) Benzo(a)anthracene

21.630min (+ 0.000) 2.04 ng/ul m 09/01/21ju

response 21507

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	25.16#
226.00	26.20	29.08
0.00	0.00	0.00

Quantitation Report (Qedit)

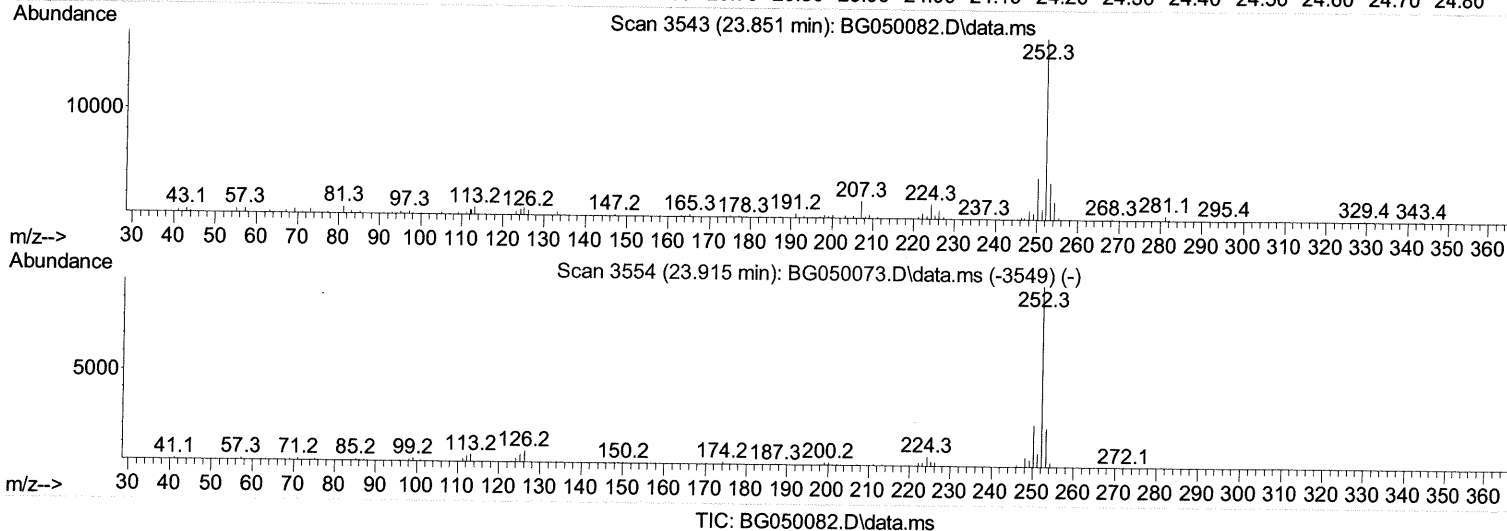
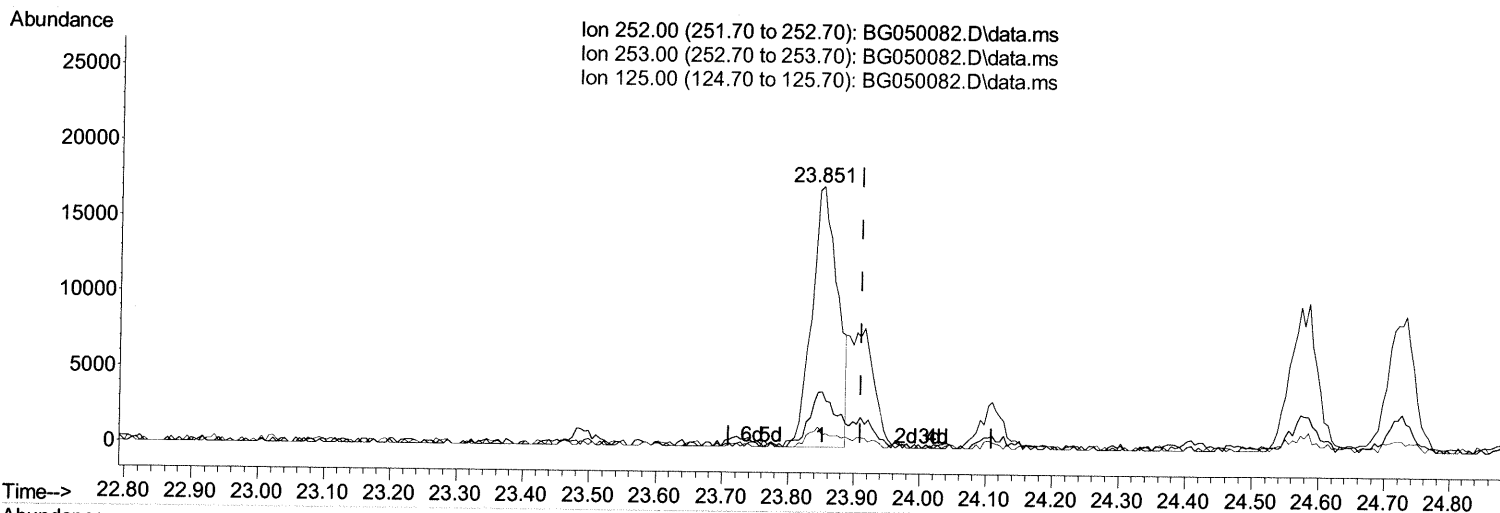
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY9

Manual Integrations
 APPROVED

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 9/1/2021 4:50:32 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



(91) Benzo(k) fluoranthene

23.851min (-0.058) 4.36 ng/ul

response	47065	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.08
125.00	5.10	4.72
0.00	0.00	0.00

Quantitation Report (Qedit)

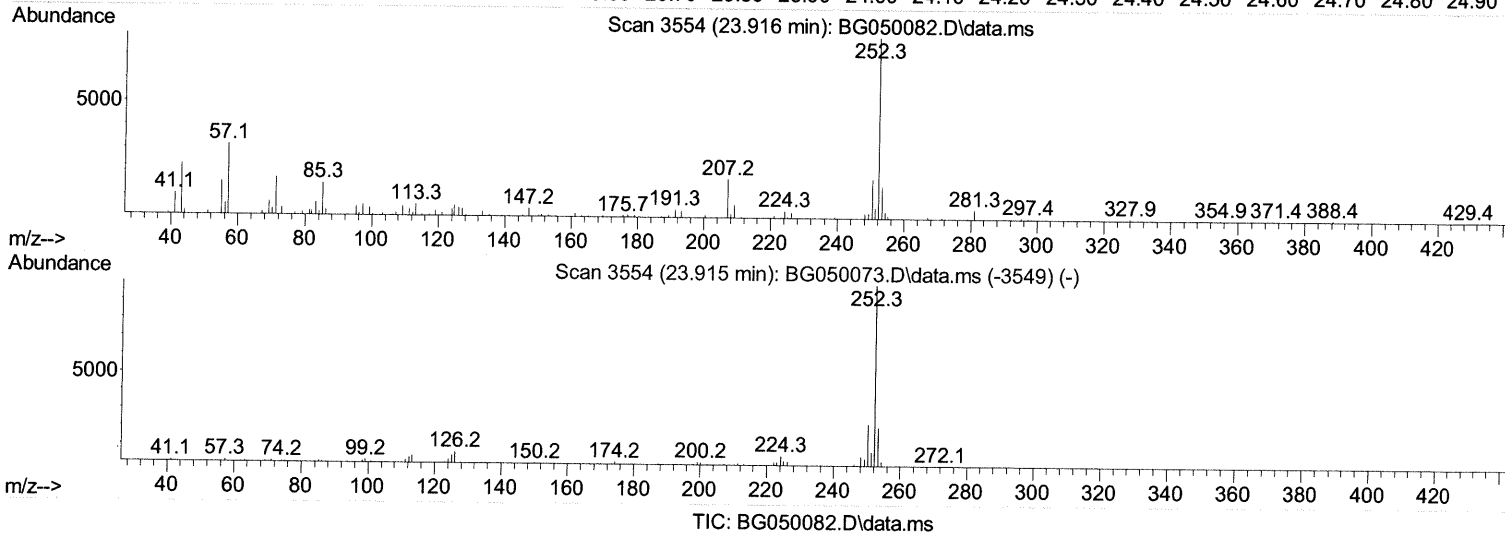
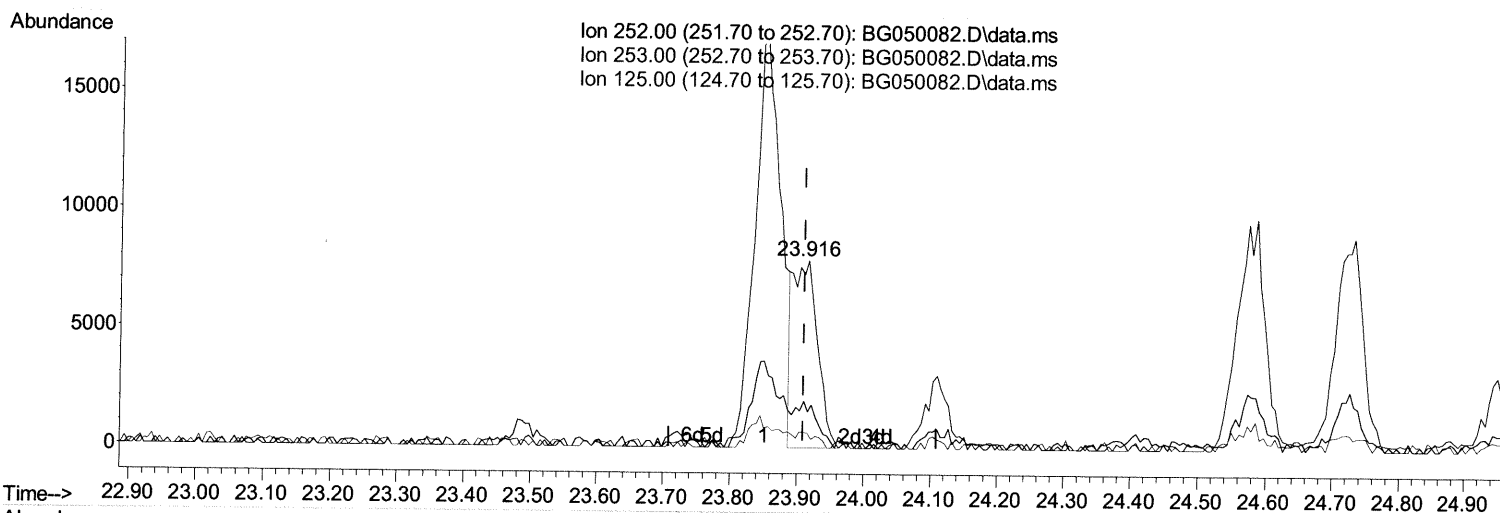
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY9

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:50:32 PM

Quant Time: Sep 01 04:49:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



(91) Benzo(k) fluoranthene

23.916min (+ 0.006) 1.84 ng/ul m 09/01/2021

response 19879

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	19.24
125.00	5.10	7.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

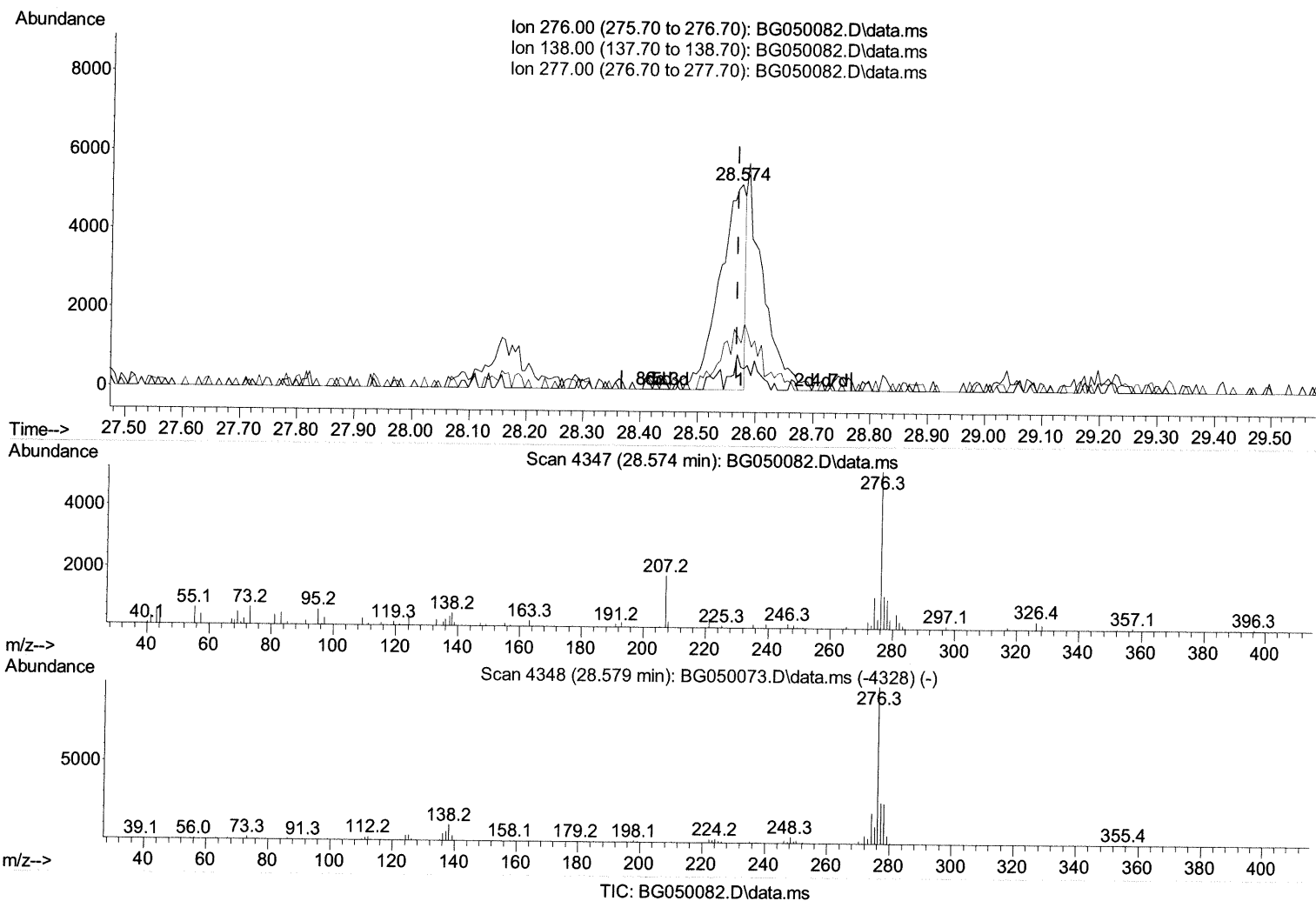
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

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

28.574min (+ 0.006) 1.23 ng/ul

response 15967

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.77#
277.00	23.20	22.83
0.00	0.00	0.00

Quantitation Report (Qedit)

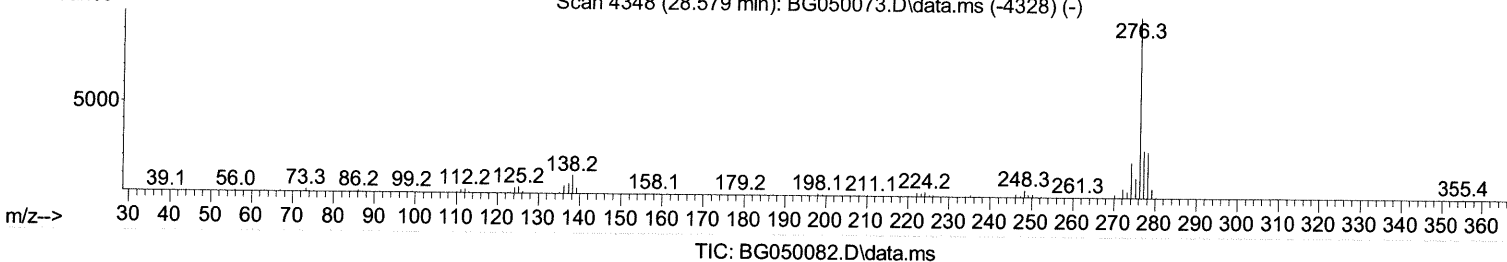
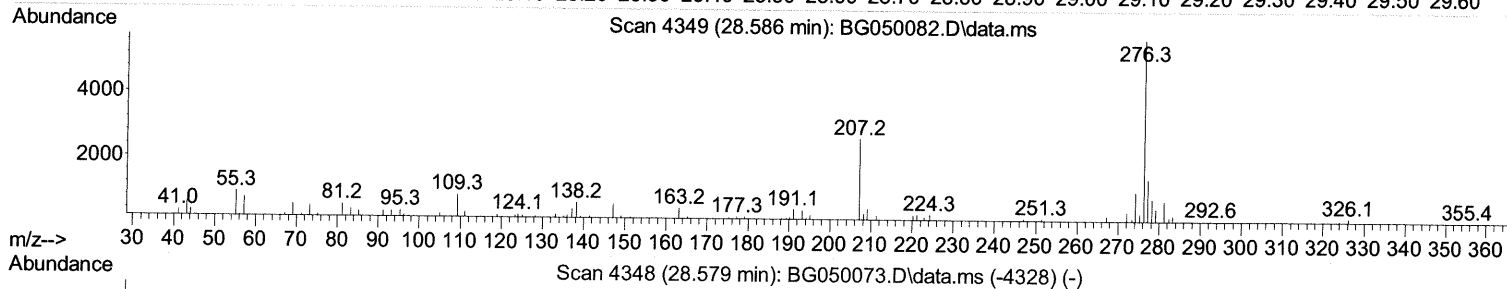
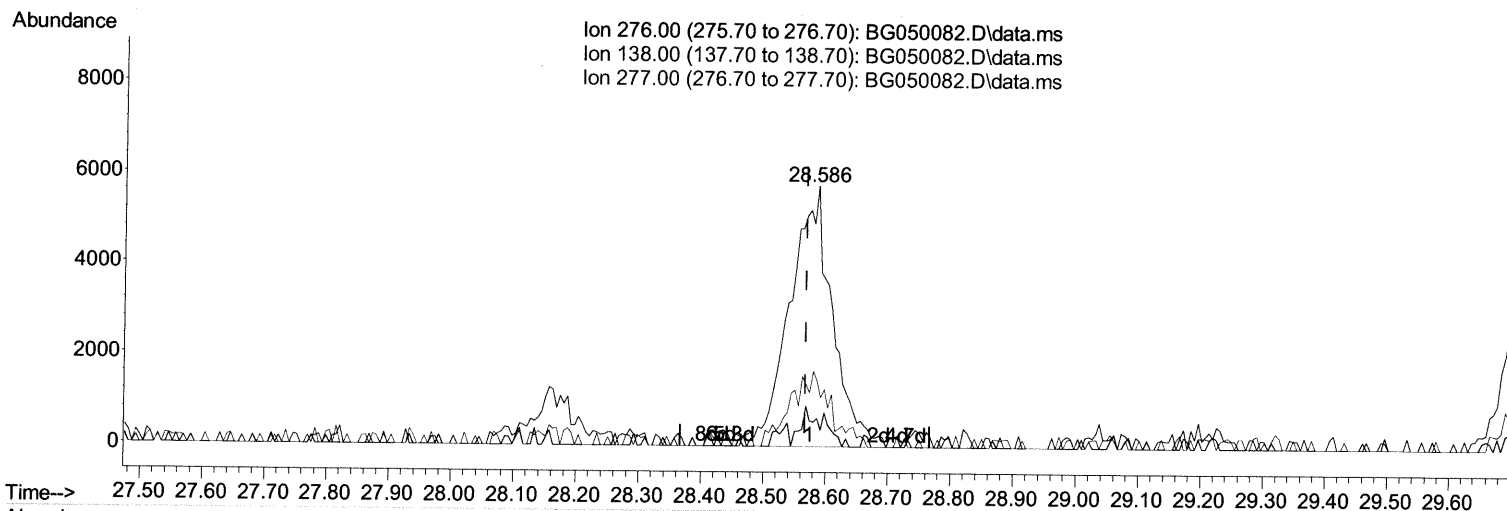
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 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

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



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

28.586min (+ 0.018) 2.07 ng/ul m 09/03/21 JU

response 26950

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.80#
277.00	23.20	25.12
0.00	0.00	0.00

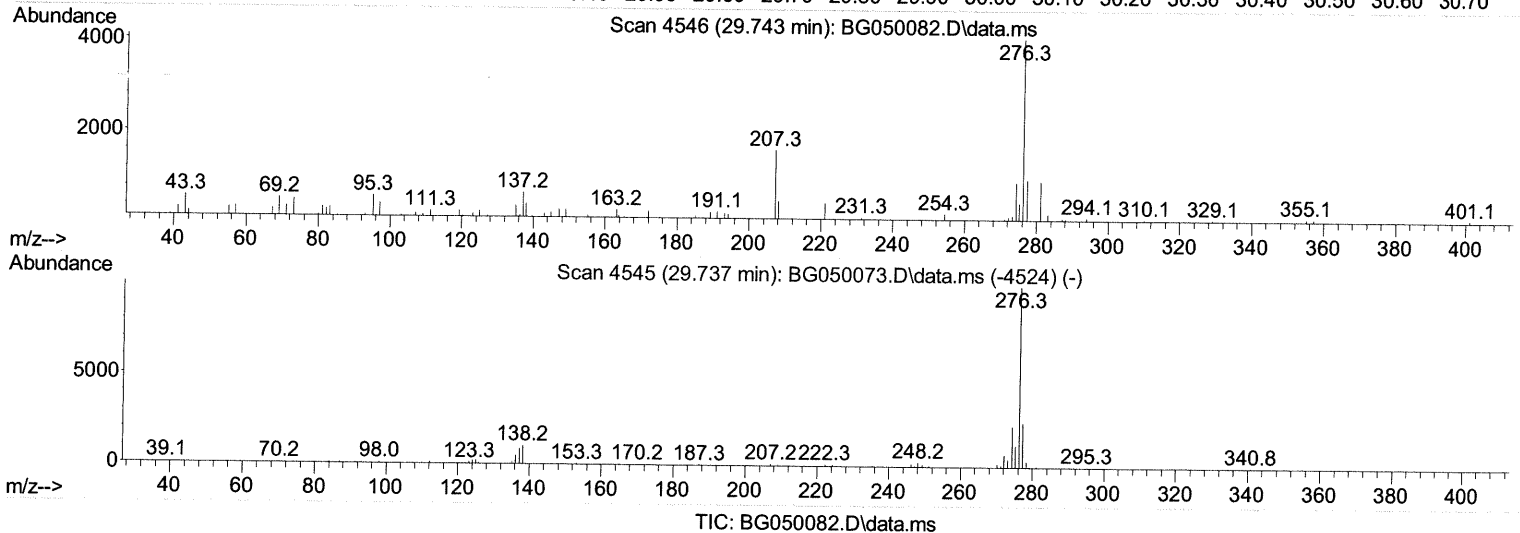
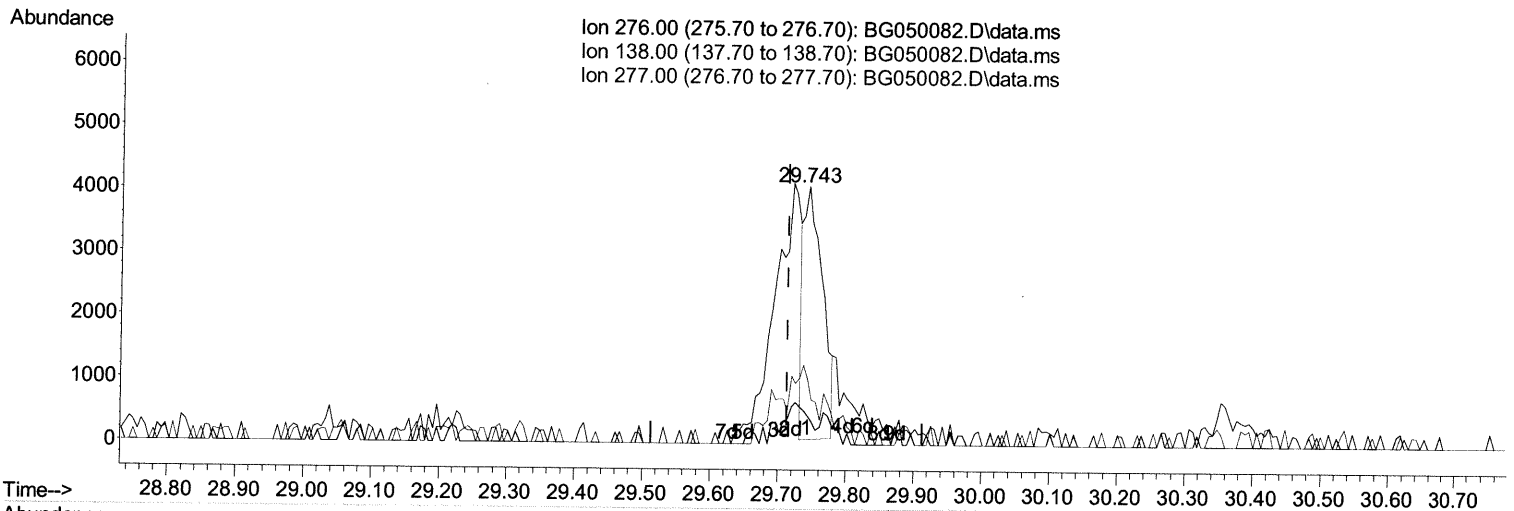
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050082.D
Acq On : 1 Sep 2021 3:25
Operator : CG/JU
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ALS Vial : 56 Sample Multiplier: 1

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

29.743min (+ 0.030) 0.70 ng/ul

response 7649

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	10.79
277.00	21.70	24.85
0.00	0.00	0.00

Quantitation Report (Qedit)

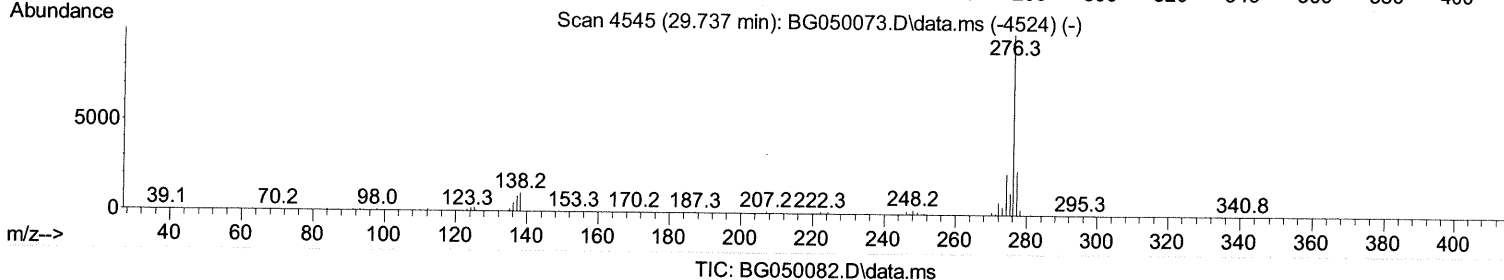
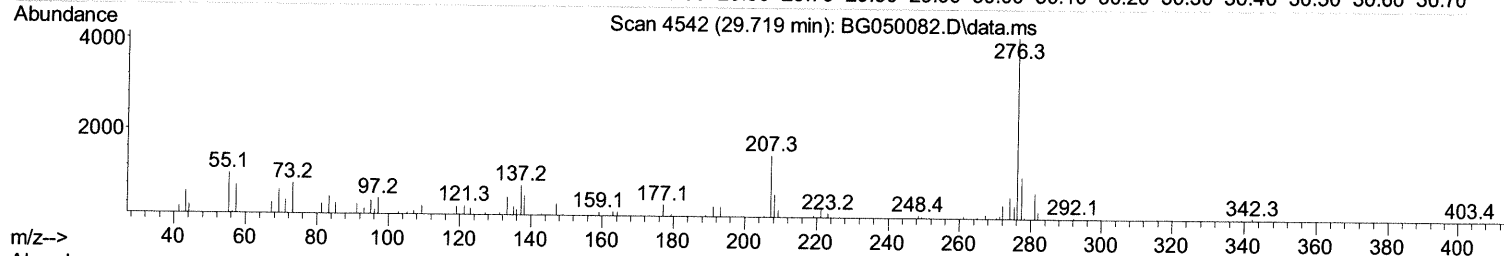
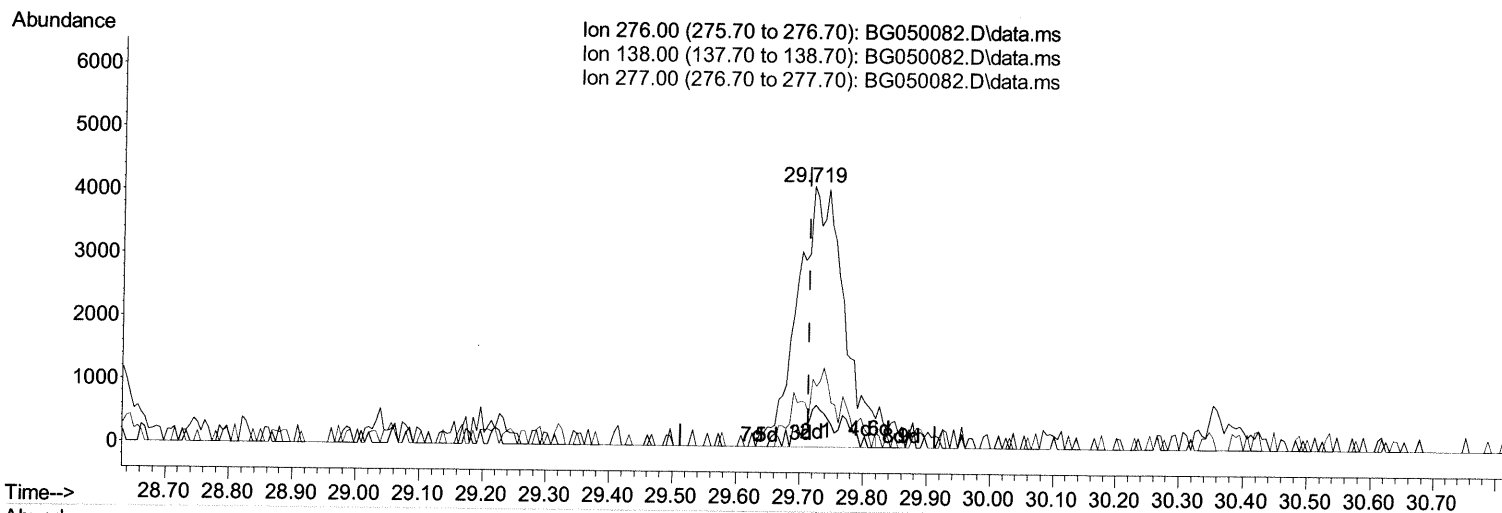
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
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 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG050082.D\data.ms

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

29.719min (+ 0.006) 1.88 ng/ul m 09/01/21 JU

response 20630

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	14.20#
277.00	21.70	26.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
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 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	32322	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	131625	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	90026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	181335	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.648	240	168840	20.000	ng/ul	0.00
88) Perylene-d12	24.879	264	177656	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	1466m	2.339	ng/ul	0.01
4) Pyridine-d5	3.760	84	9051m	4.794	ng/ul	0.02
7) Phenol-d5	7.132	99	35917	13.086	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.279	67	20694	13.571	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	27777	13.526	ng/ul	0.00
15) 4-Methylphenol-d8	8.683	113	26767	12.383	ng/ul	0.00
21) Nitrobenzene-d5	9.130	128	14572	14.280	ng/ul	0.00
24) 2-Nitrophenol-d4	9.858	143	17073	14.051	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	29867	13.781	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	37074	12.568	ng/ul	0.00
46) Dimethylphthalate-d6	14.017	166	97562	14.160	ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	120172	14.876	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	9940	9.972	ng/ul	0.01
60) Fluorene-d10	15.615	176	84757	14.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	8048	6.899	ng/ul	0.00
73) Anthracene-d10	17.477	188	128461m	15.776	ng/ul	0.00
81) Pyrene-d10	19.768	212	153387	16.811	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.656	264	136453	14.478	ng/ul	0.00
Target Compounds						
30) Naphthalene	10.827	128	18096	2.751	ng/ul#	93
36) 2-Methylnaphthalene	12.443	142	13340	2.728	ng/ul	93
37) 1-Methylnaphthalene	12.660	142	10489	2.125	ng/ul#	95
72) Phenanthrene	17.418	178	14188	1.569	ng/ul	96
80) Fluoranthene	19.433	202	38504	3.420	ng/ul#	97
82) Pyrene	19.798	202	35064	3.143	ng/ul	98
85) Benzo(a)anthracene	21.630	228	21507m	2.044	ng/ul	98
87) Chrysene	21.695	228	26984	2.713	ng/ul	98
90) Benzo(b)fluoranthene	23.851	252	47065	4.142	ng/ul	97
91) Benzo(k)fluoranthene	23.916	252	19879m	1.840	ng/ul	99
93) Benzo(a)pyrene	24.732	252	24107	2.443	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.586	276	26950m	2.070	ng/ul	99
96) Benzo(g,h,i)perylene	29.719	276	20630m	1.885	ng/ul	99

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