

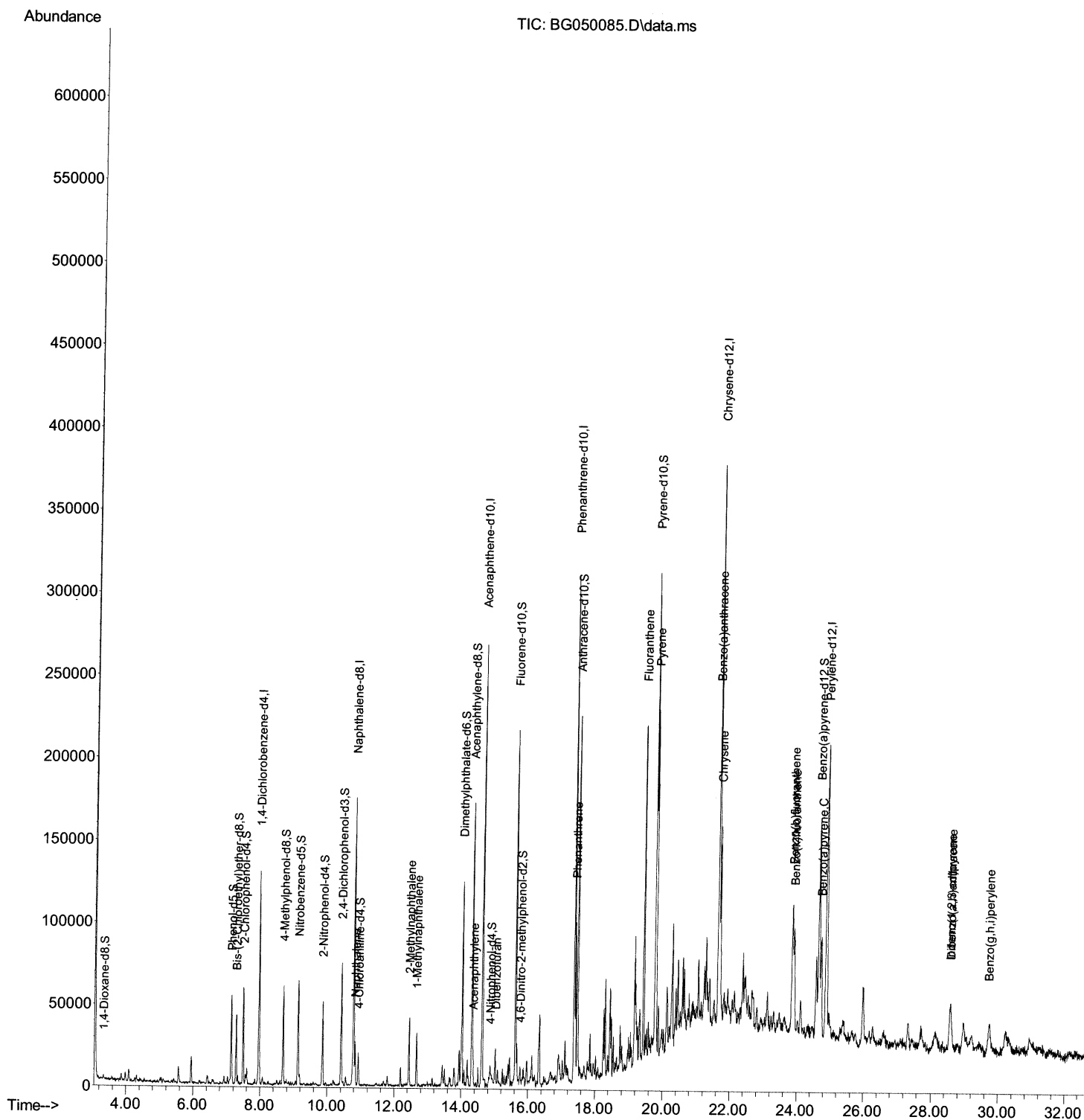
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050085.D
Acq On : 1 Sep 2021 5:29
Operator : CG/JU
Sample : M3486-18
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B30

Manual Integrations
APPROVED

mohammad
9/1/2021 4:50:49 PM

Quant Time: Sep 01 07:25:24 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



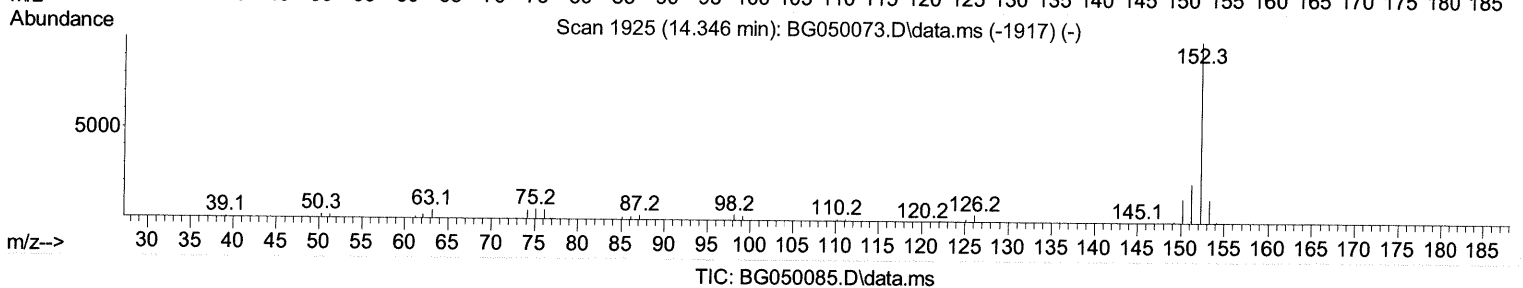
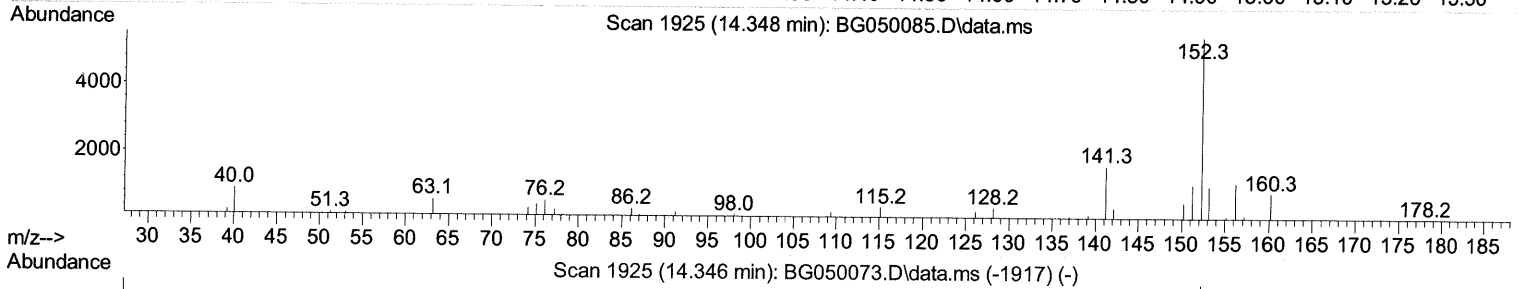
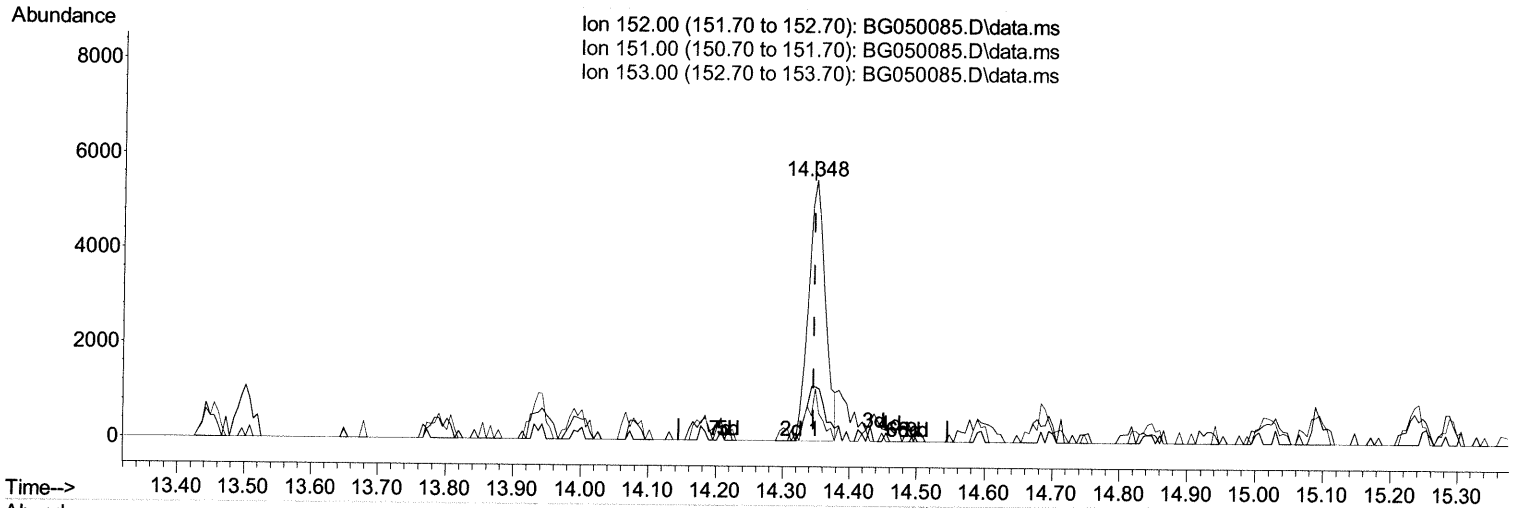
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
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(50) Acenaphthylene

14.348min (+ 0.002) 1.22 ng/ul

response 9774

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.00	20.59
153.00	13.40	19.99#
0.00	0.00	0.00

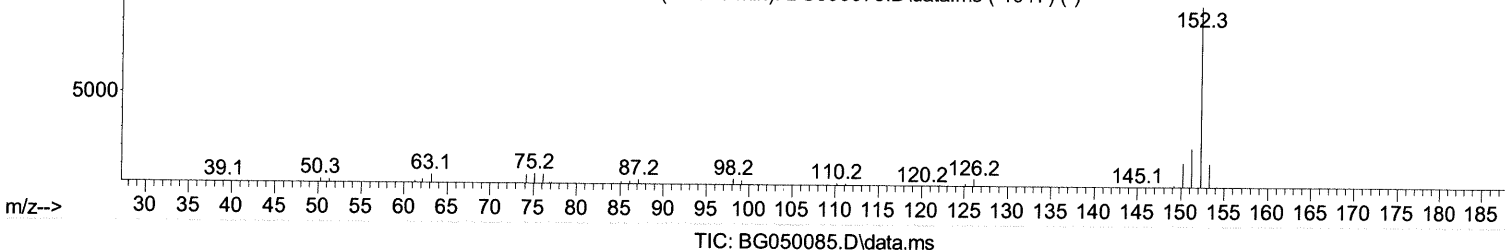
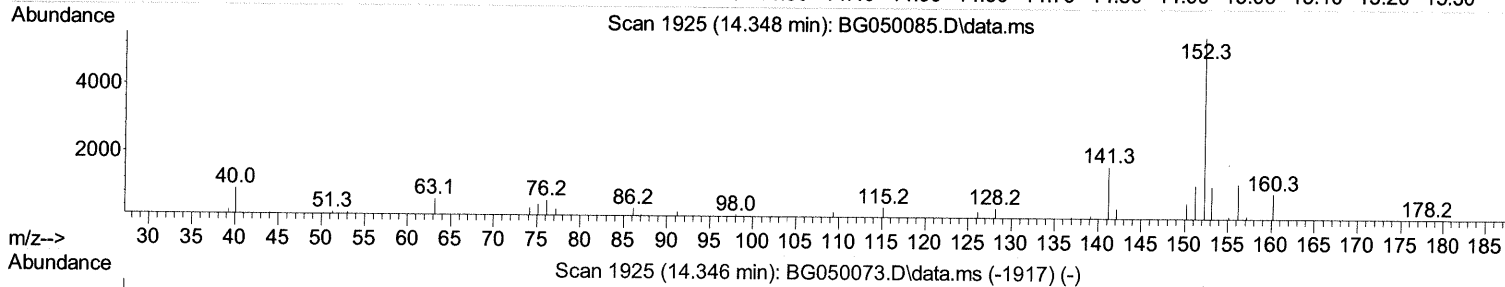
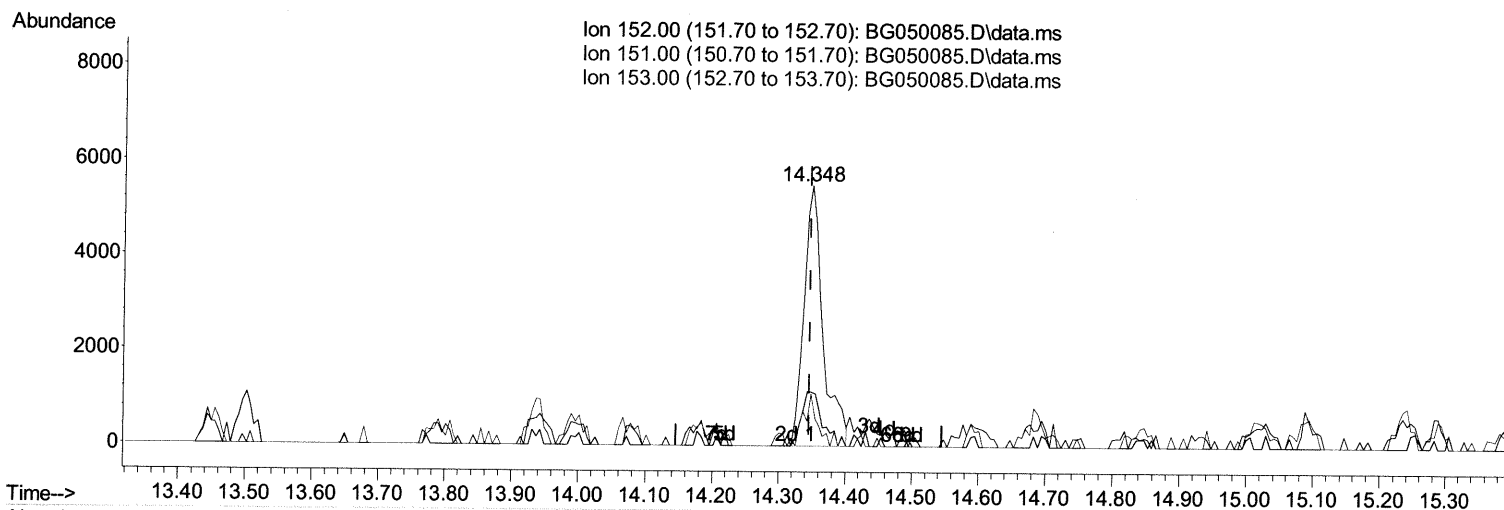
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050085.D
Acq On : 1 Sep 2021 5:29
Operator : CG/JU
Sample : M3486-18
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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mohammad
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration



(50) Acenaphthylene

14.348min (+ 0.002) 1.36 ng/ul m 09/03/21 JU

response 10884

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.00	20.59
153.00	13.40	19.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

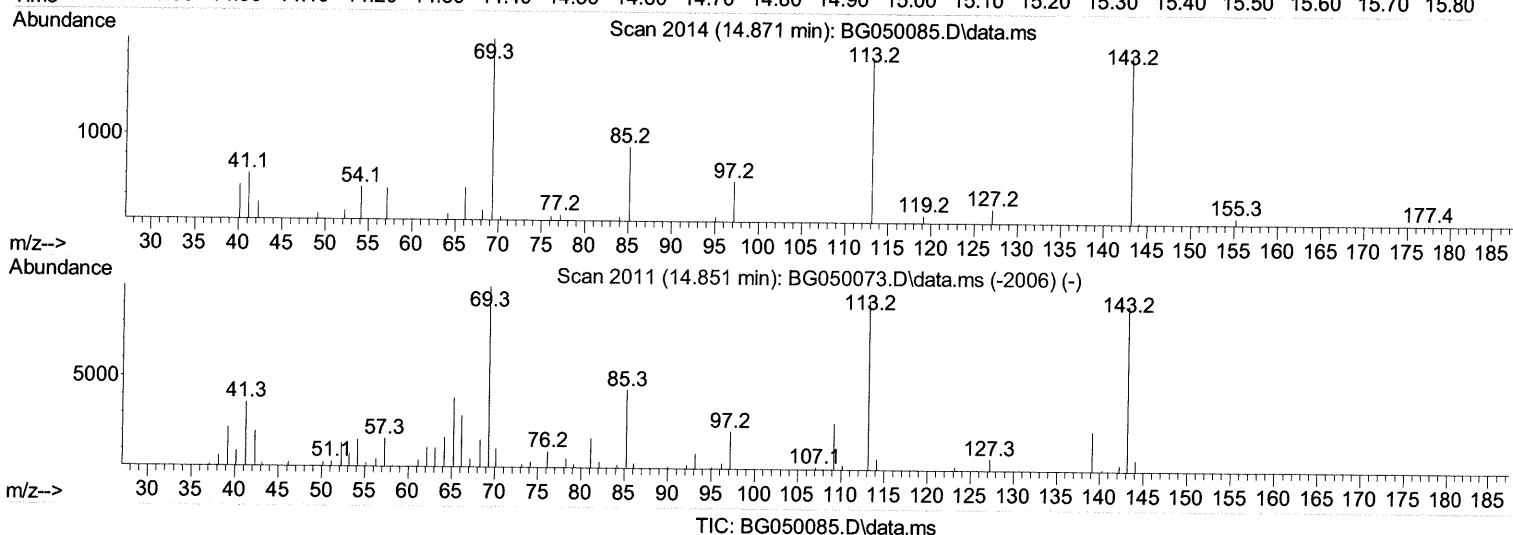
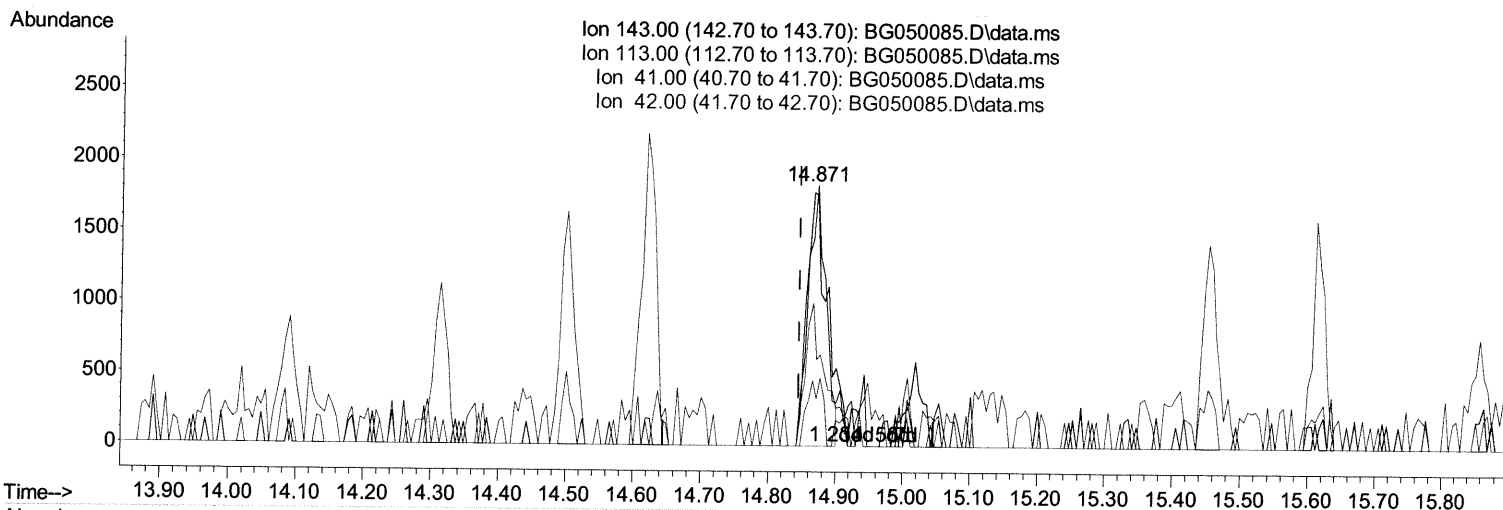
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050085.D
 Acq On : 1 Sep 2021 5:29
 Operator : CG/JU
 Sample : M3486-18
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0B30

Manual Integrations
 APPROVED

mohammad
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Quant Time: Sep 01 07:25:24 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



(54) 4-Nitrophenol-d4 (S)

14.871min (+ 0.026) 3.18 ng/ul

response 3431

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	96.28#
41.00	45.30	33.22#
42.00	25.60	18.03#

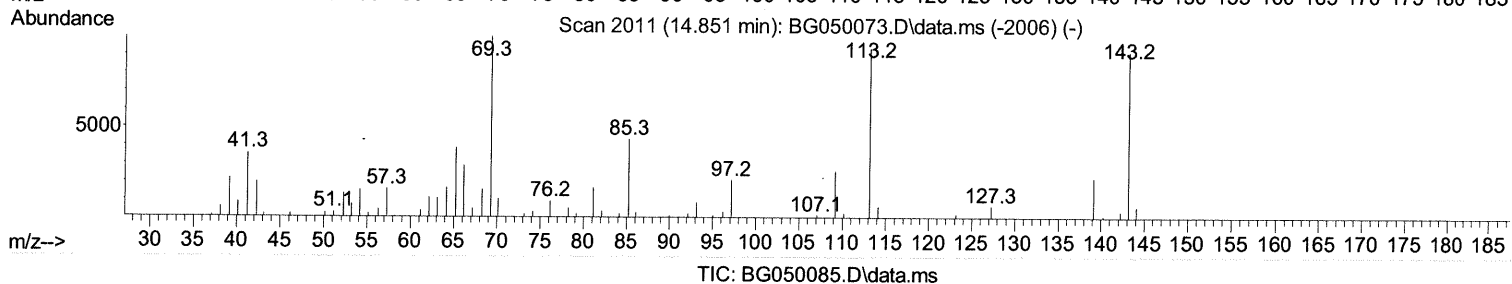
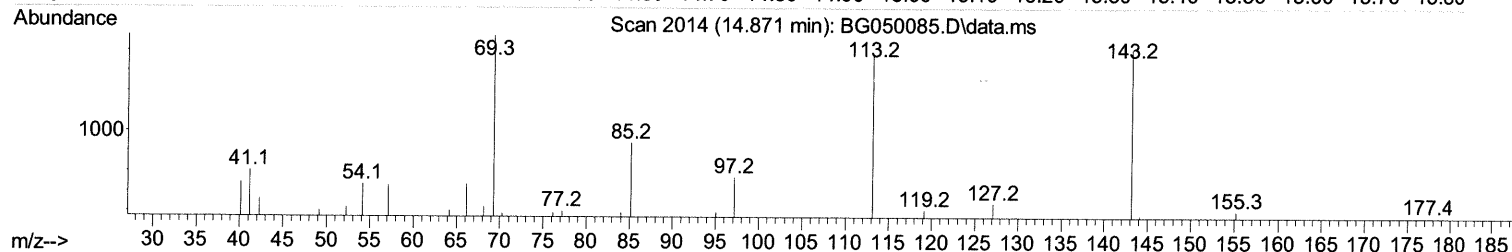
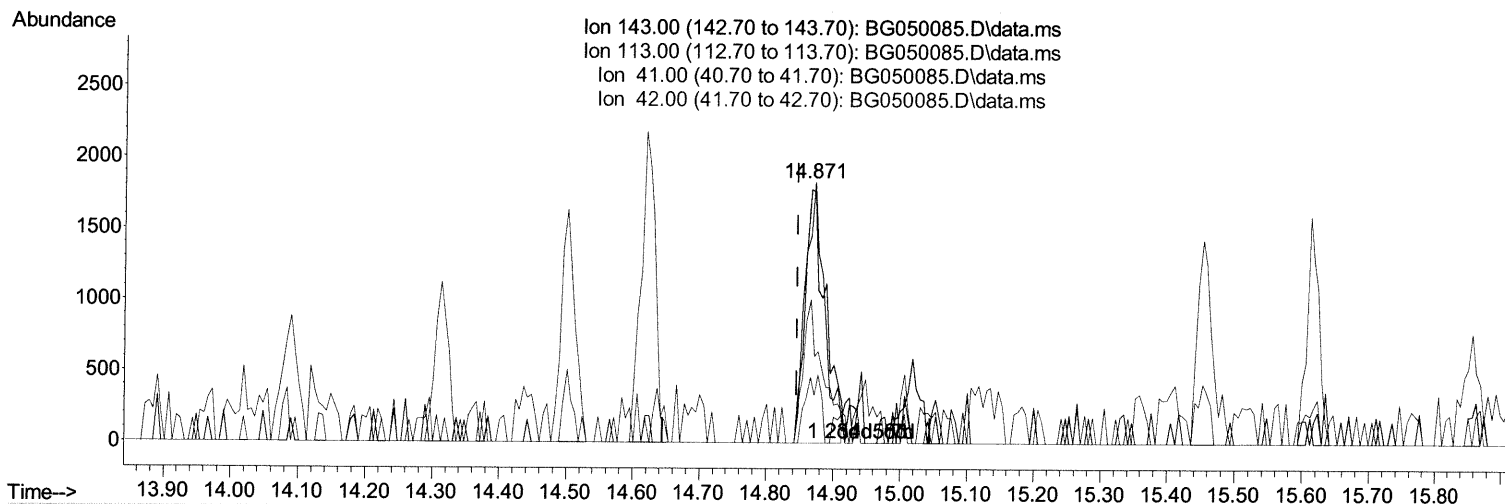
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050085.D
Acq On : 1 Sep 2021 5:29
Operator : CG/JU
Sample : M3486-18
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B30

Manual Integrations
APPROVED

mohammad
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration



(54) 4-Nitrophenol-d4 (S)

14.871min (+ 0.026) 3.36 ng/ul m 09/03/2021

response 3630

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	96.28#
41.00	45.30	33.22#
42.00	25.60	18.03#

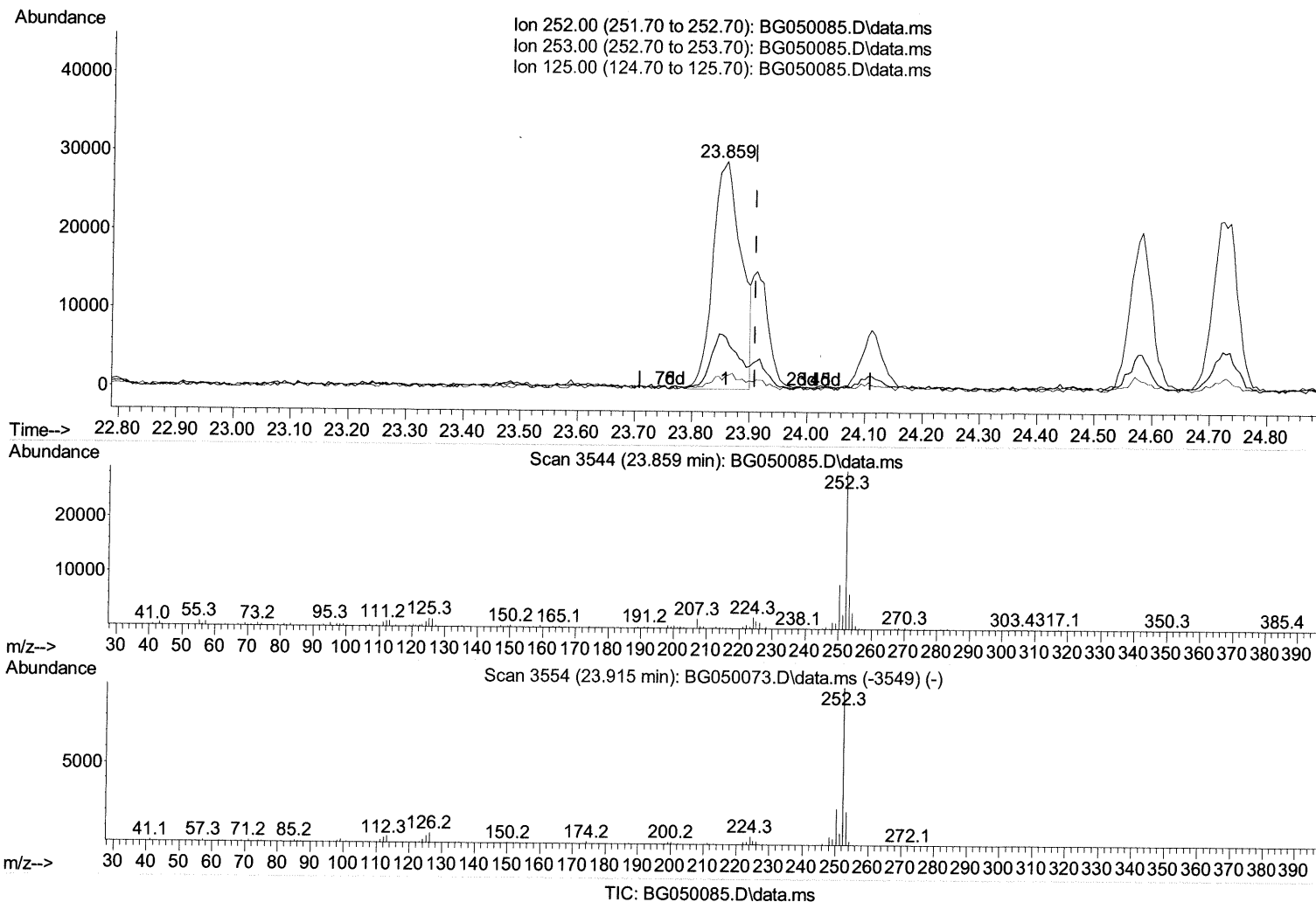
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050085.D
Acq On : 1 Sep 2021 5:29
Operator : CG/JU
Sample : M3486-18
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B30

Manual Integrations
APPROVED

mohammad
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Quant Time: Sep 01 07:25:24 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration



(91) Benzo(k) fluoranthene

23.859min (-0.051) 8.91 ng/u1

response 98487

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.49
125.00	5.10	5.71
0.00	0.00	0.00

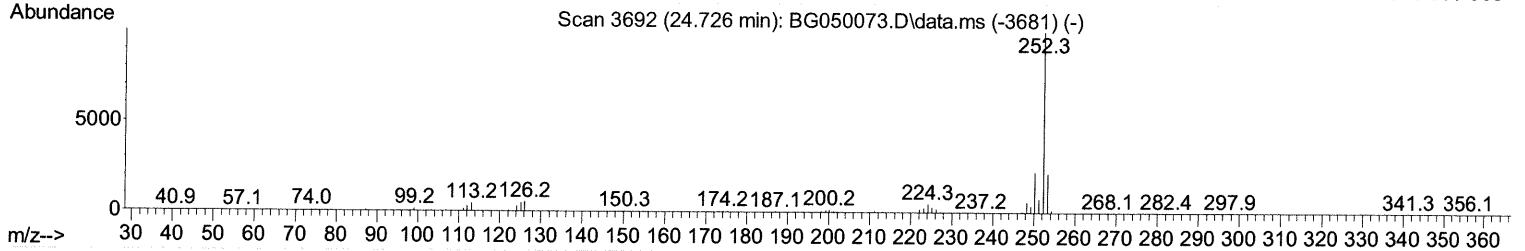
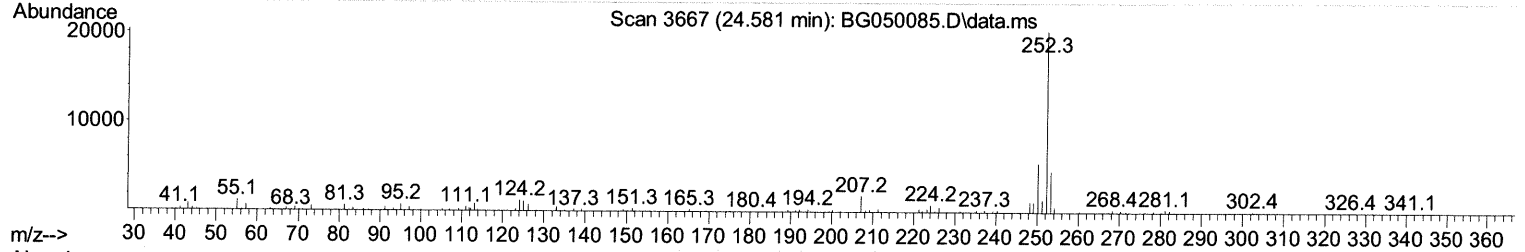
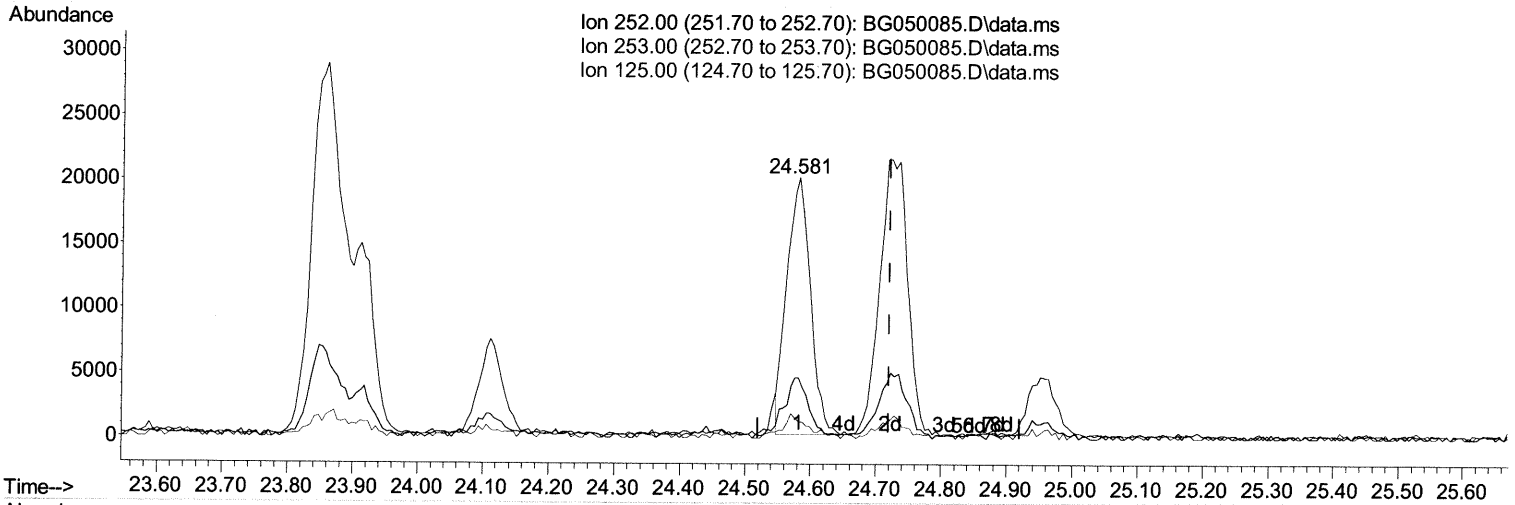
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050085.D
Acq On : 1 Sep 2021 5:29
Operator : CG/JU
Sample : M3486-18
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B30

Manual Integrations
APPROVED

mohammad
9/1/2021 4:50:49 PM

Quant Time: Sep 01 07:25:24 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



TIC: BG050085.D\data.ms

(93) Benzo(a)pyrene (C)

24.581min (-0.139) 4.97 ng/ul

response 50173

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.00
125.00	5.50	6.16
0.00	0.00	0.00

Quantitation Report (Qedit)

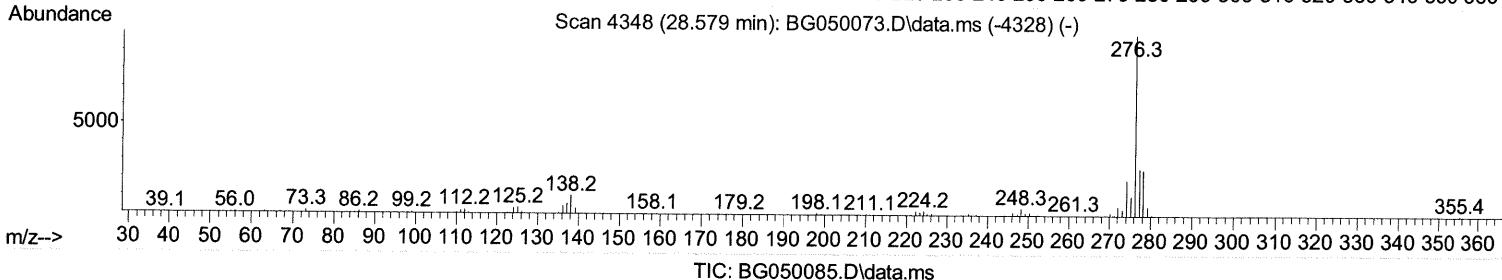
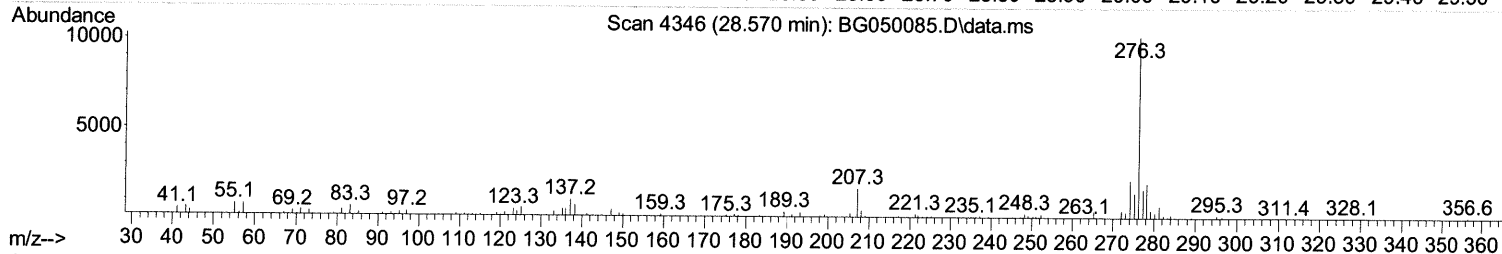
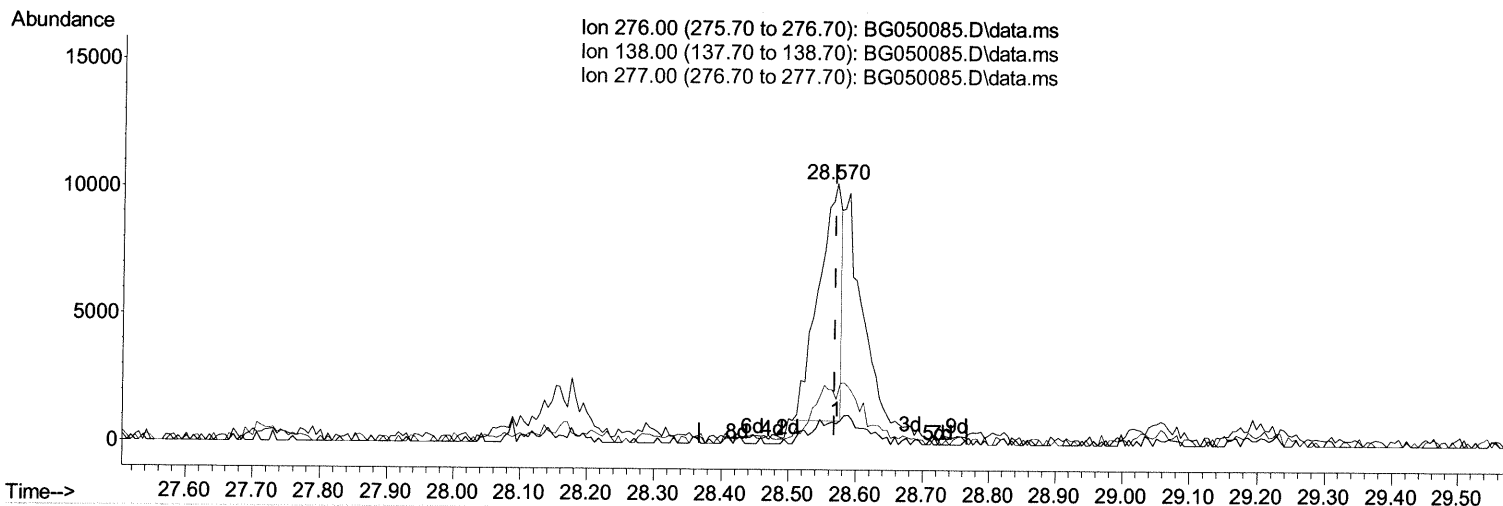
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050085.D
 Acq On : 1 Sep 2021 5:29
 Operator : CG/JU
 Sample : M3486-18
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B30

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:50:49 PM

Quant Time: Sep 01 07:25:24 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



TIC: BG050085.D\data.ms

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

28.570min (+ 0.002) 1.67 ng/ul

response 22237

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	7.61
277.00	23.20	17.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

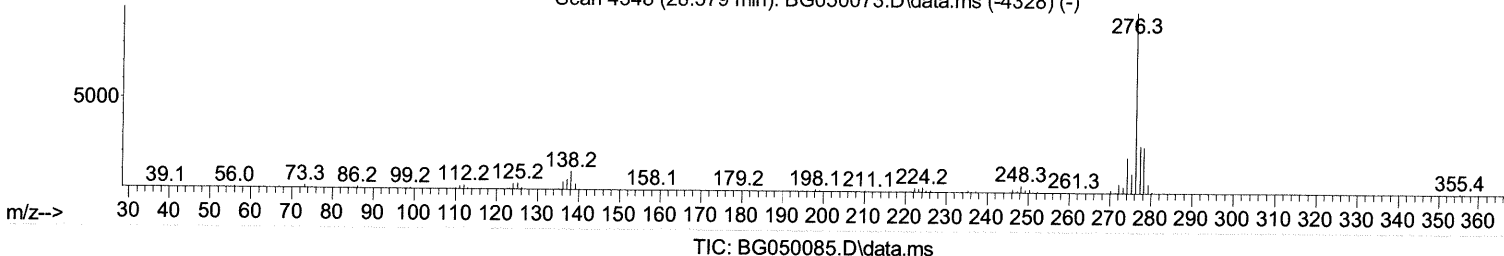
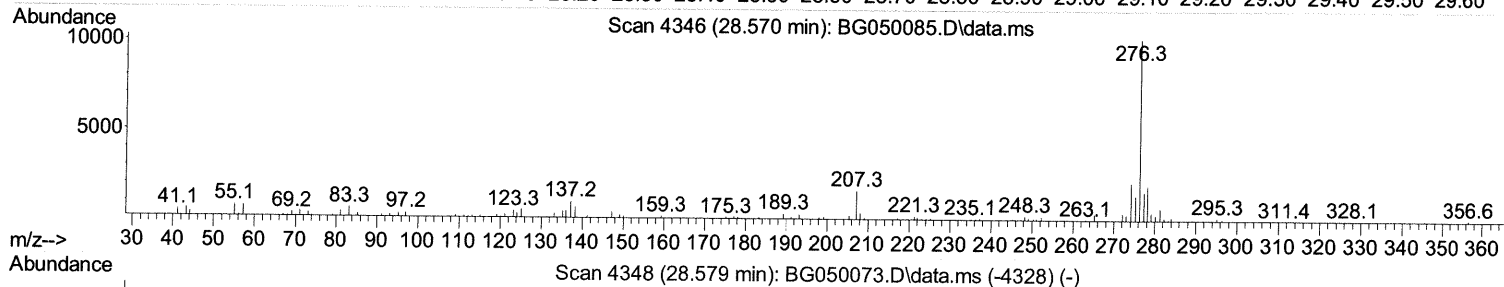
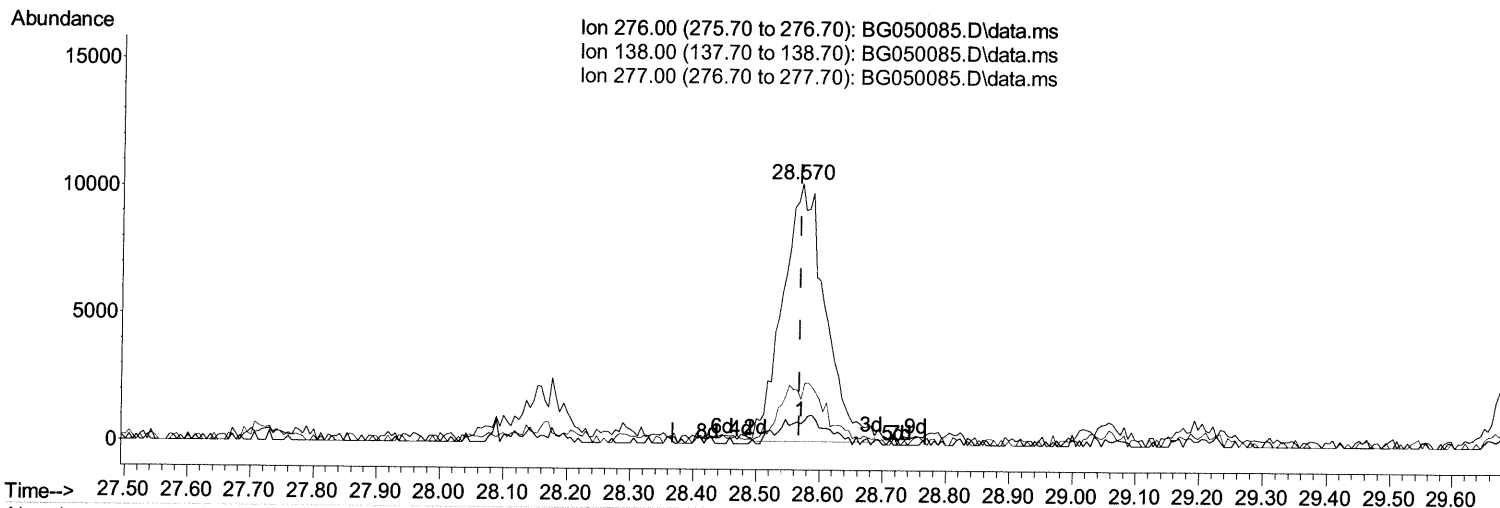
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050085.D
 Acq On : 1 Sep 2021 5:29
 Operator : CG/JU
 Sample : M3486-18
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B30

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:50:49 PM

Quant Time: Sep 01 07:25:24 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



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

28.570min (+ 0.002) 3.57 ng/ul m 09/03/21 JU

response 47546

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	7.61
277.00	23.20	17.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

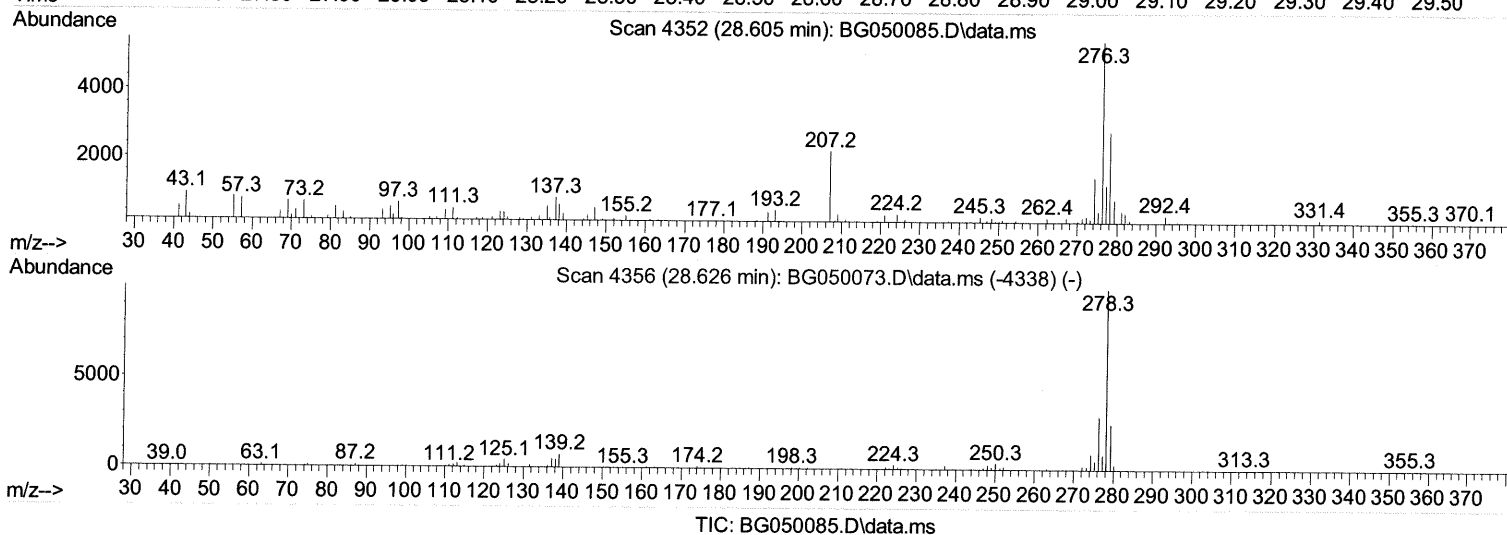
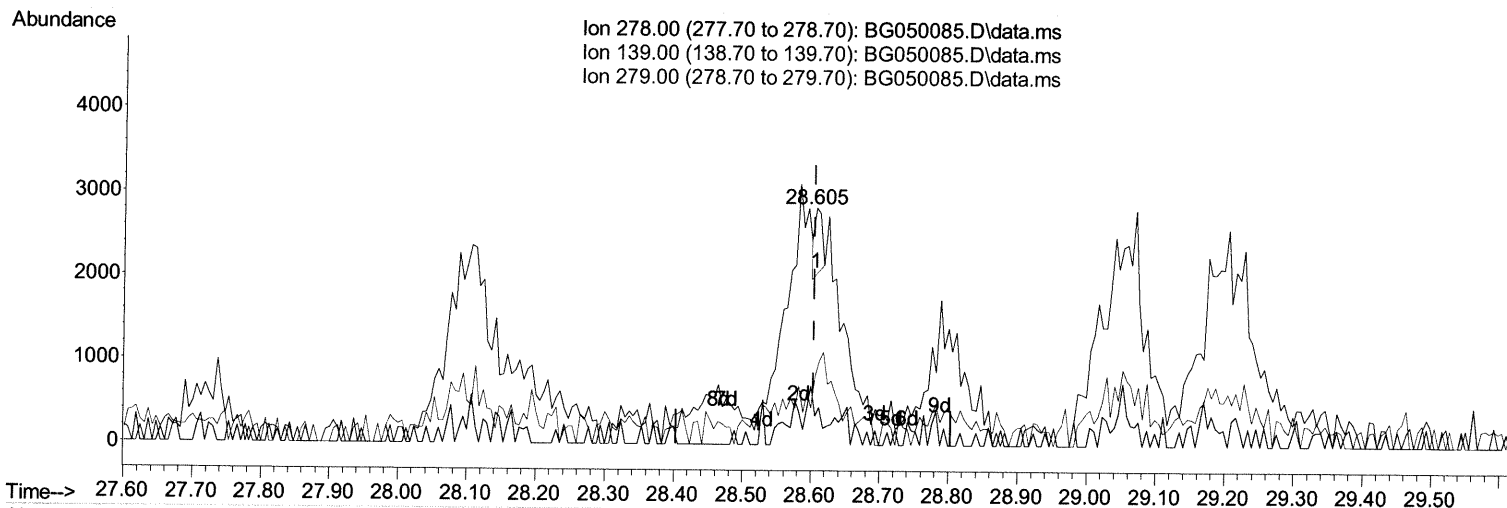
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050085.D
 Acq On : 1 Sep 2021 5:29
 Operator : CG/JU
 Sample : M3486-18
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B30

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:50:49 PM

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 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



(95) Dibenzo(a,h)anthracene

28.605min (+ 0.002) 0.05 ng/ul

response 550

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	12.06#
279.00	23.70	29.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

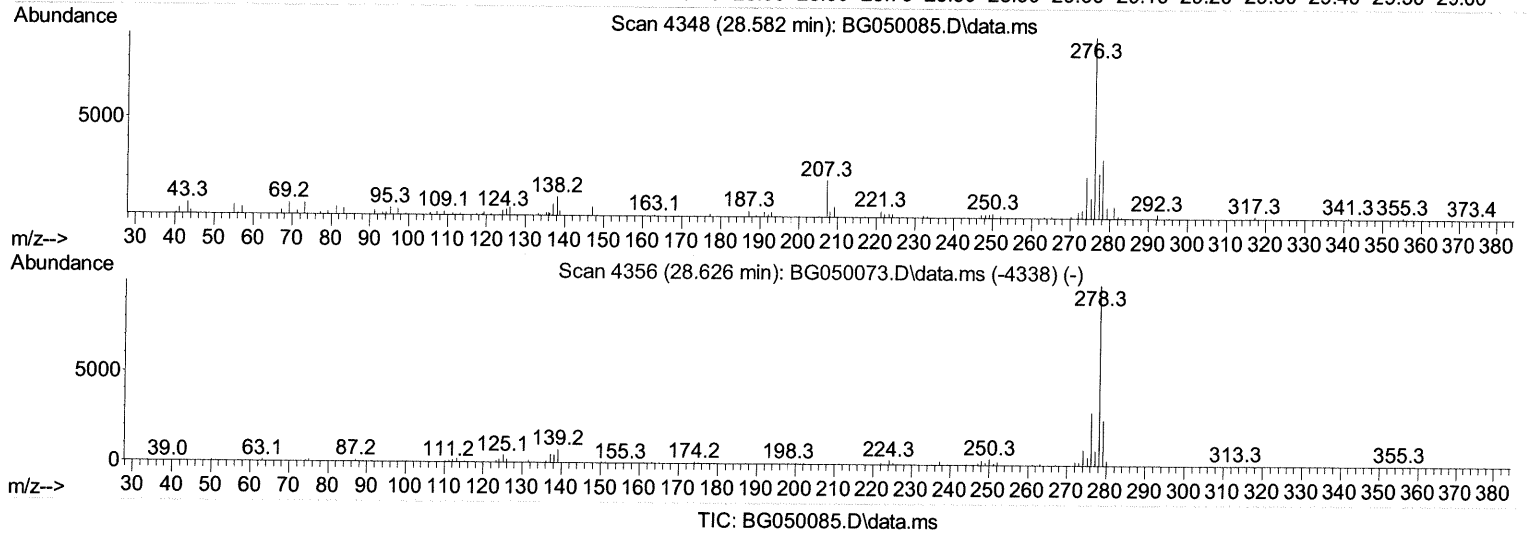
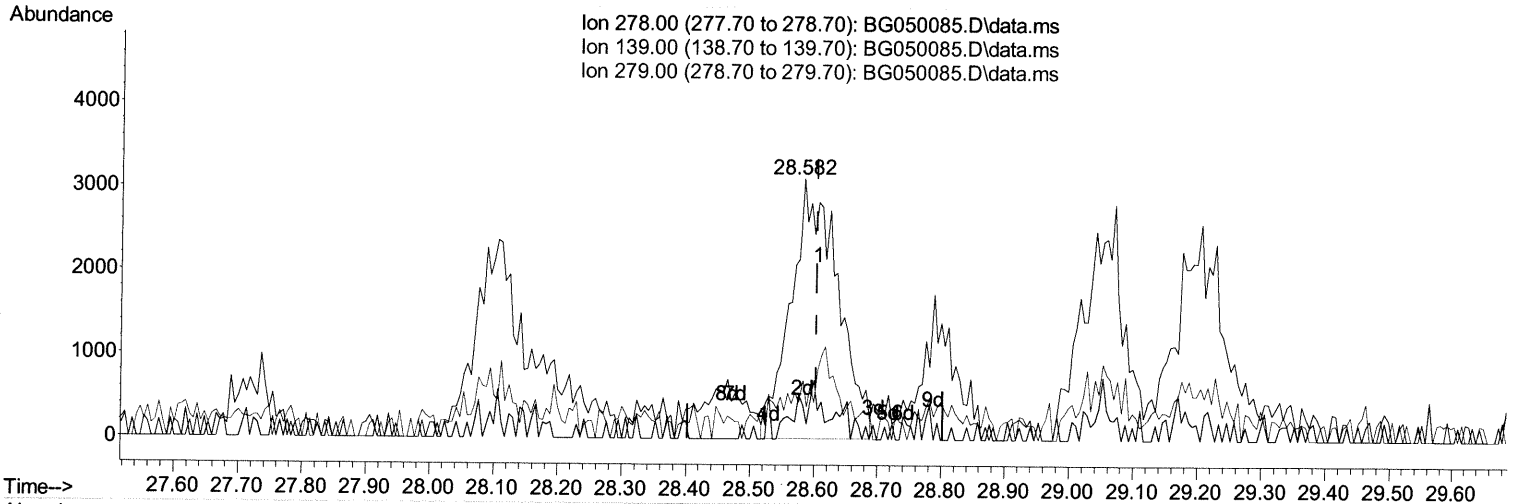
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050085.D
 Acq On : 1 Sep 2021 5:29
 Operator : CG/JU
 Sample : M3486-18
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B30

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:50:49 PM

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 Response via : Initial Calibration



(95) Dibenzo(a,h)anthracene

28.582min (-0.021) 1.42 ng/ul m 09/01/21 JU

response 15801

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	12.85#
279.00	23.70	22.49
0.00	0.00	0.00

Quantitation Report (Qedit)

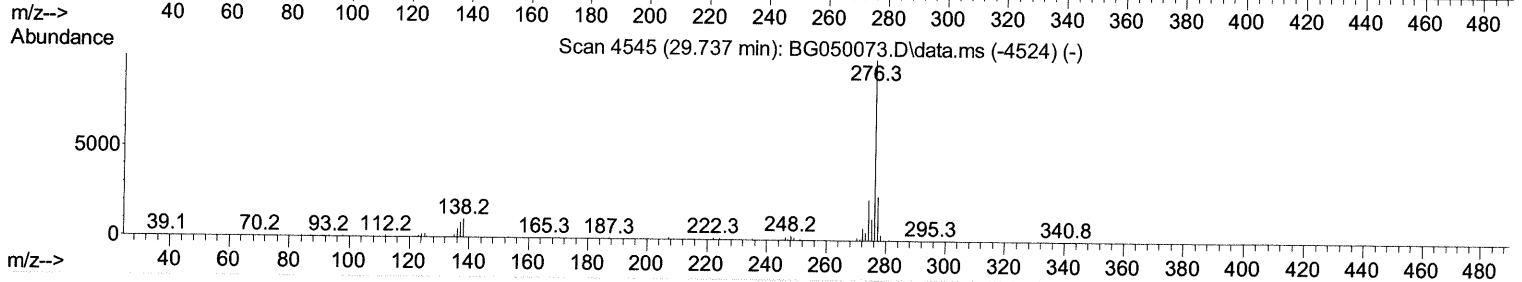
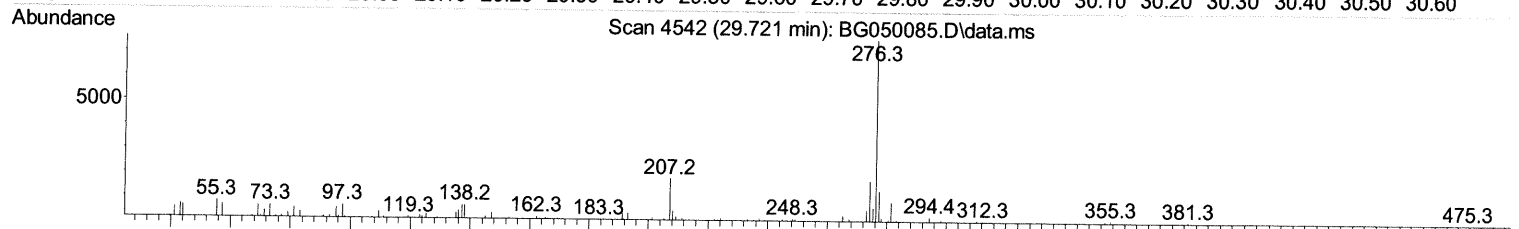
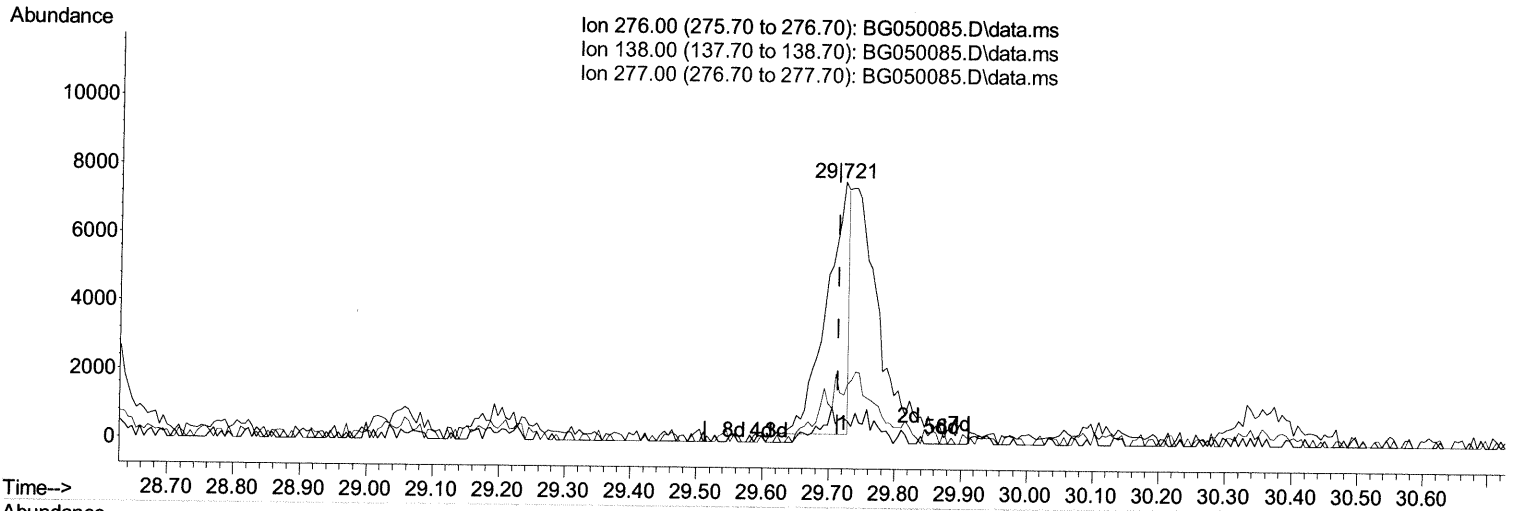
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050085.D
 Acq On : 1 Sep 2021 5:29
 Operator : CG/JU
 Sample : M3486-18
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B30

Manual Integrations
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 9/1/2021 4:50:49 PM

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 Response via : Initial Calibration



TIC: BG050085.D\data.ms

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

29.721min (+ 0.008) 1.58 ng/ul

response 17674

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.39
277.00	21.70	18.32
0.00	0.00	0.00

Quantitation Report (Qedit)

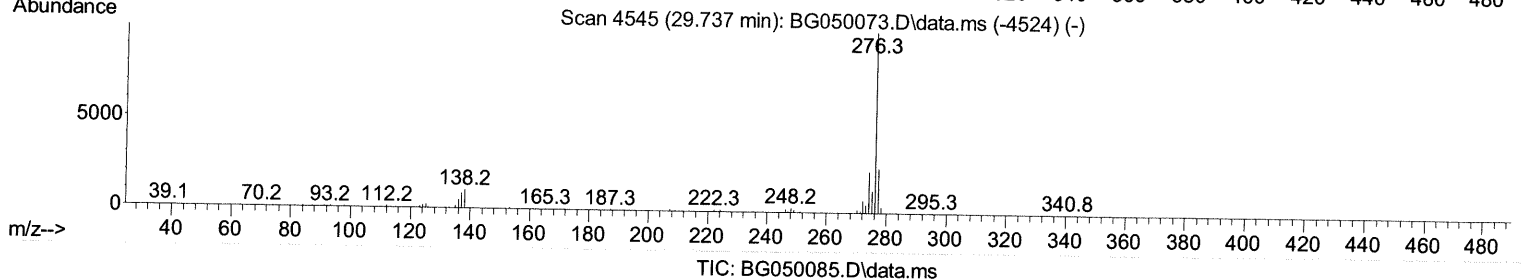
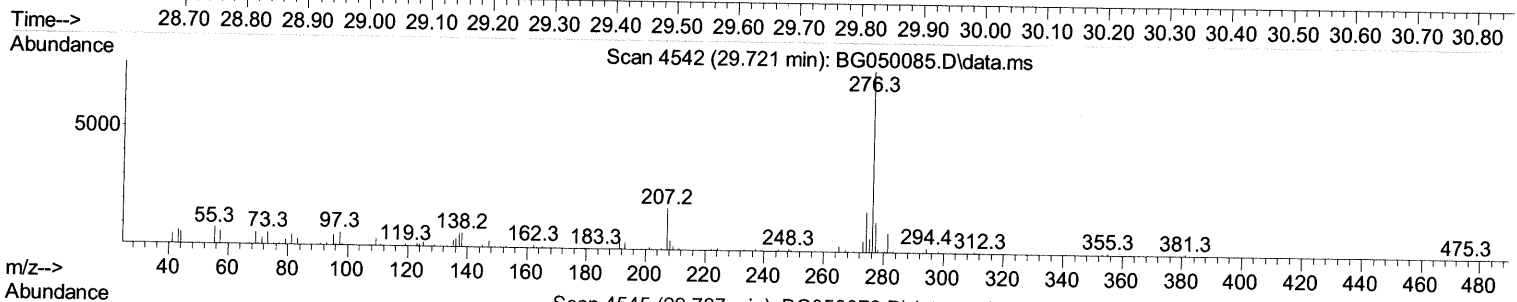
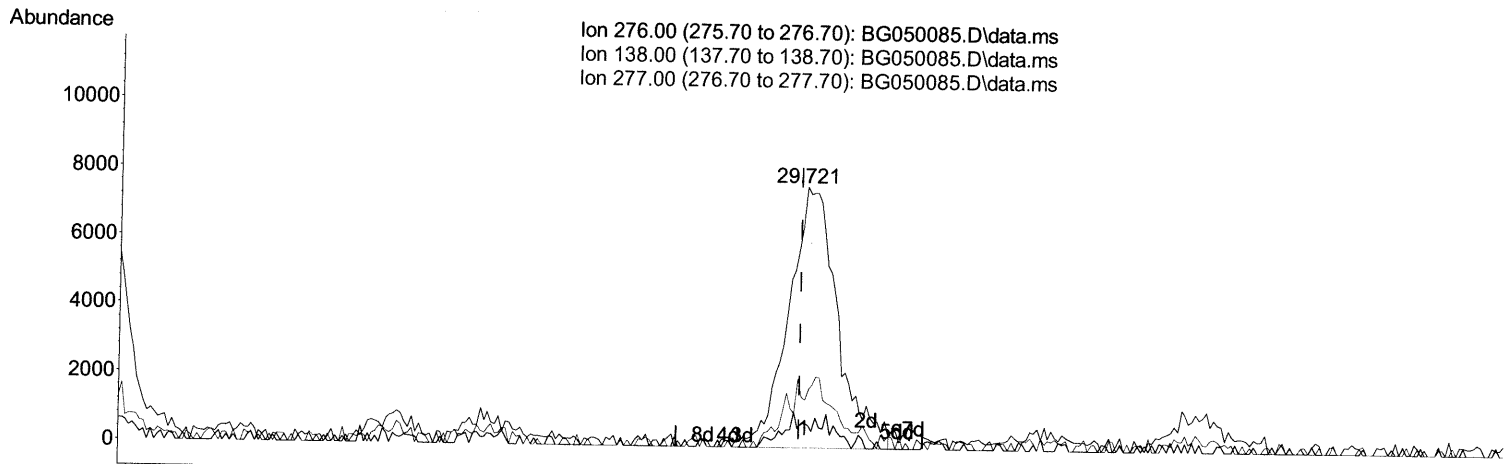
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050085.D
 Acq On : 1 Sep 2021 5:29
 Operator : CG/JU
 Sample : M3486-18
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B30

Manual Integrations
 APPROVED

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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



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

29.721min (+ 0.008) 3.72 ng/ul m 09/03/21 JV

response 41716

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	9.39
277.00	21.70	18.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	35304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.782	136	146493	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.618	164	97484	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.373	188	189027	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.650	240	172760	20.000	ng/ul	0.00
88) Perylene-d12	24.881	264	181888	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	1283	1.874	ng/ul	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.134	99	32606	10.876	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	20577	12.355	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	27515	12.266	ng/ul	0.00
15) 4-Methylphenol-d8	8.685	113	22667	9.601	ng/ul	0.00
21) Nitrobenzene-d5	9.132	128	14394	12.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.860	143	15812	11.692	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.412	165	28345	11.751	ng/ul	0.00
31) 4-Chloroaniline-d4	10.923	131	9483	2.888	ng/ul	0.00
46) Dimethylphthalate-d6	14.019	166	79897	10.709	ng/ul	0.00
49) Acenaphthylene-d8	14.313	160	123279	14.093	ng/ul	0.00
54) 4-Nitrophenol-d4	14.871	143	3630m	3.363	ng/ul	0.03
60) Fluorene-d10	15.617	176	85924	13.584	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.758	200	2985	2.455	ng/ul	0.00
73) Anthracene-d10	17.473	188	122479	14.429	ng/ul	0.00
81) Pyrene-d10	19.764	212	152275	16.311	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.658	264	139795	14.487	ng/ul	0.00
Target Compounds						
30) Naphthalene	10.829	128	21209	2.897	ng/ul	98
36) 2-Methylnaphthalene	12.445	142	18898	3.472	ng/ul	99
37) 1-Methylnaphthalene	12.662	142	14767	2.688	ng/ul	88
50) Acenaphthylene	14.348	152	10884m	1.361	ng/ul	> 09/03/21 JU
56) Dibenzofuran	15.024	168	8627	1.074	ng/ul	88
72) Phenanthrene	17.415	178	58158	6.172	ng/ul	98
80) Fluoranthene	19.435	202	124551	10.811	ng/ul	99
82) Pyrene	19.800	202	133537	11.698	ng/ul	99
85) Benzo(a)anthracene	21.632	228	78216	7.266	ng/ul	98
87) Chrysene	21.697	228	81990	8.057	ng/ul	98
90) Benzo(b)fluoranthene	23.859	252	98487	8.465	ng/ul	# 99
91) Benzo(k)fluoranthene	23.912	252	29182m	2.639	ng/ul	
93) Benzo(a)pyrene	24.722	252	65307m	6.463	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.570	276	47546m	3.567	ng/ul	
95) Dibenzo(a,h)anthracene	28.582	278	15801m	1.416	ng/ul	
96) Benzo(g,h,i)perylene	29.721	276	41716m	3.723	ng/ul	

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