

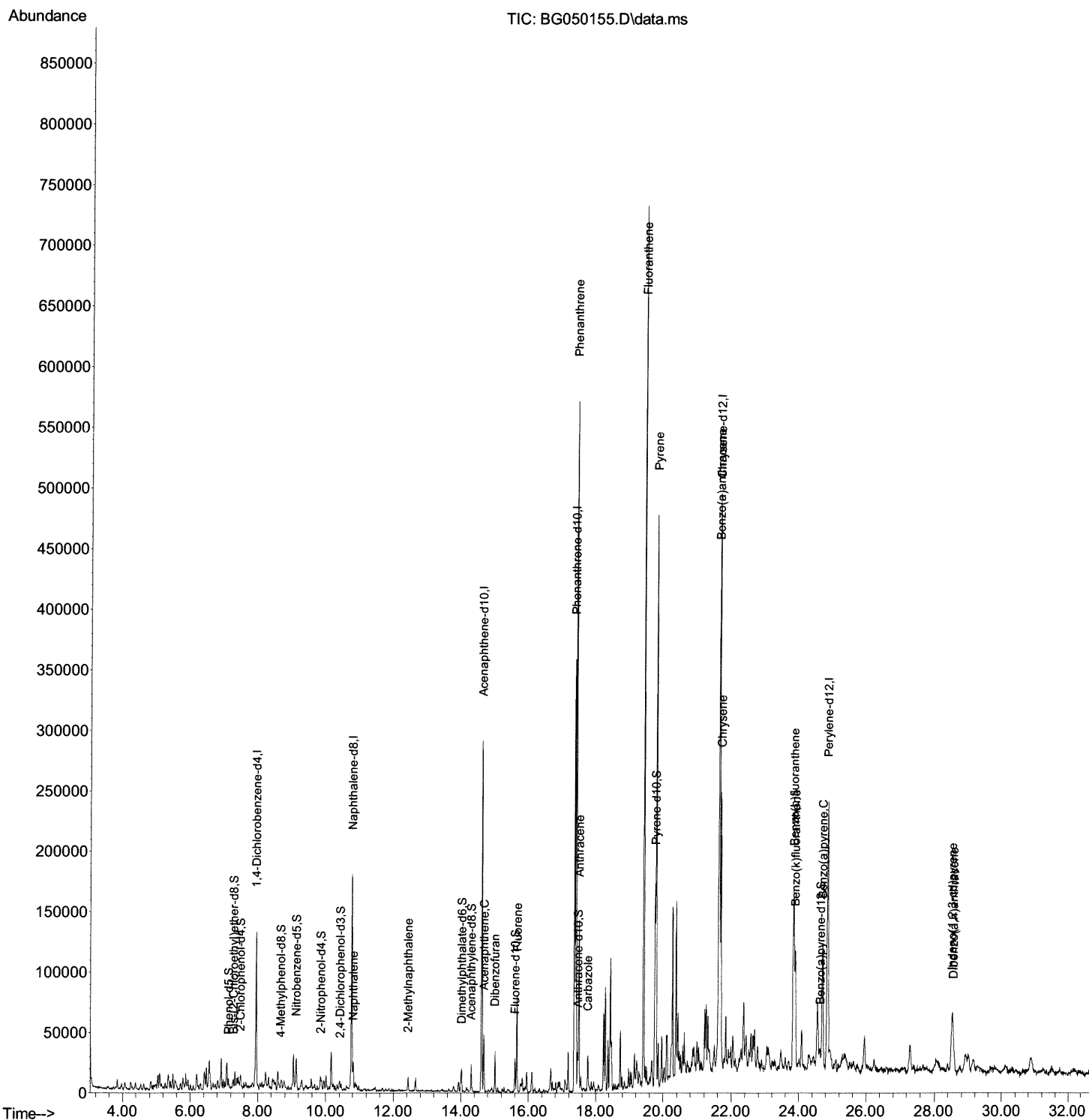
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050155.D
Acq On : 4 Sep 2021 7:58
Operator : CG/JU
Sample : M3526-07DL 10X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7B9DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:34:47 AM

Quant Time: Sep 06 03:20:19 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)

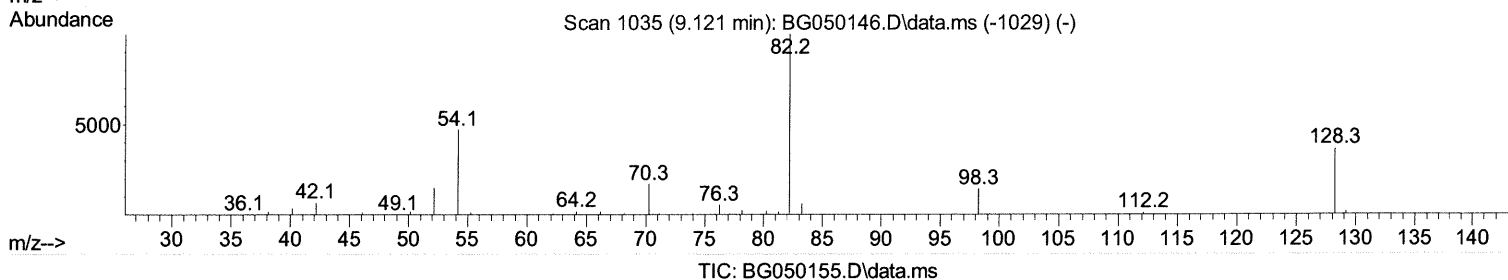
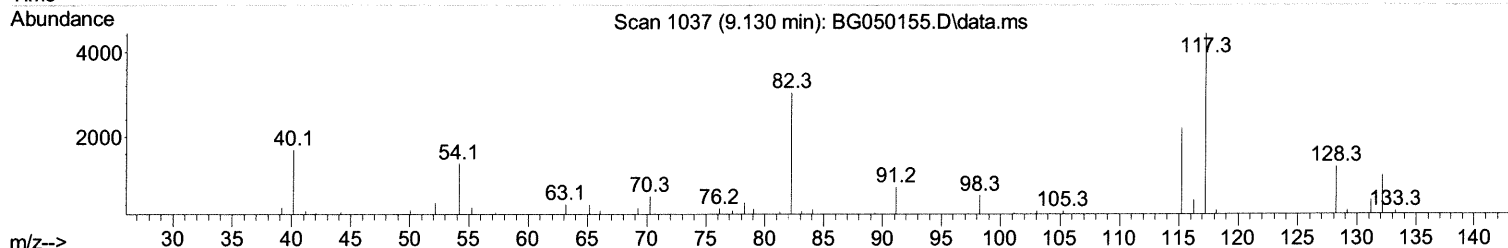
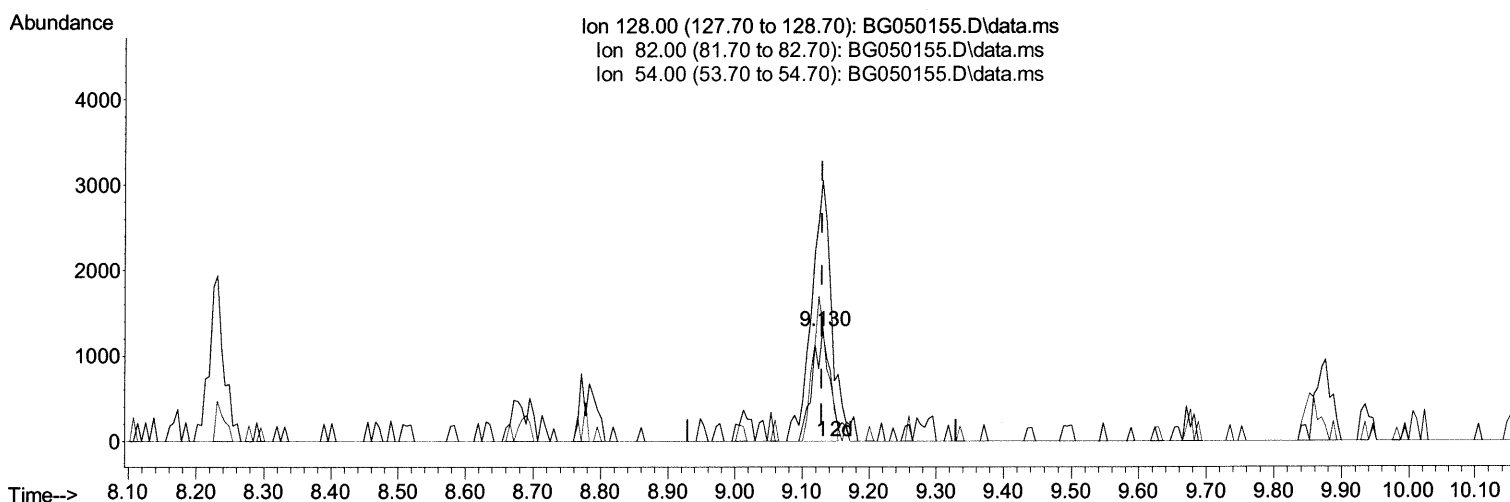
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(21) Nitrobenzene-d5 (S)

9.130min (+ 0.000) 2.05 ng/ul

response 2336

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	299.30	236.07#
54.00	144.60	106.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

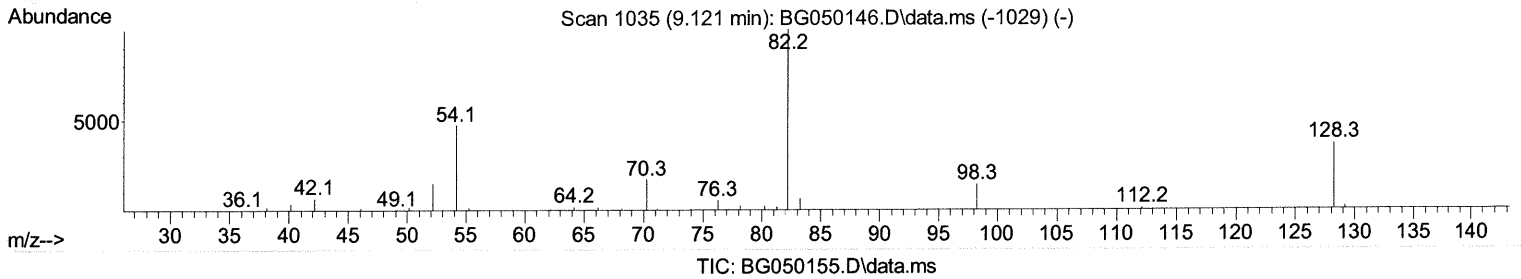
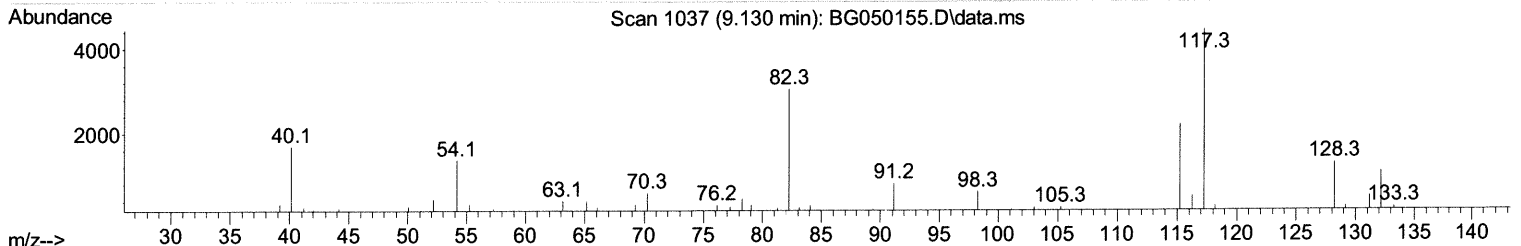
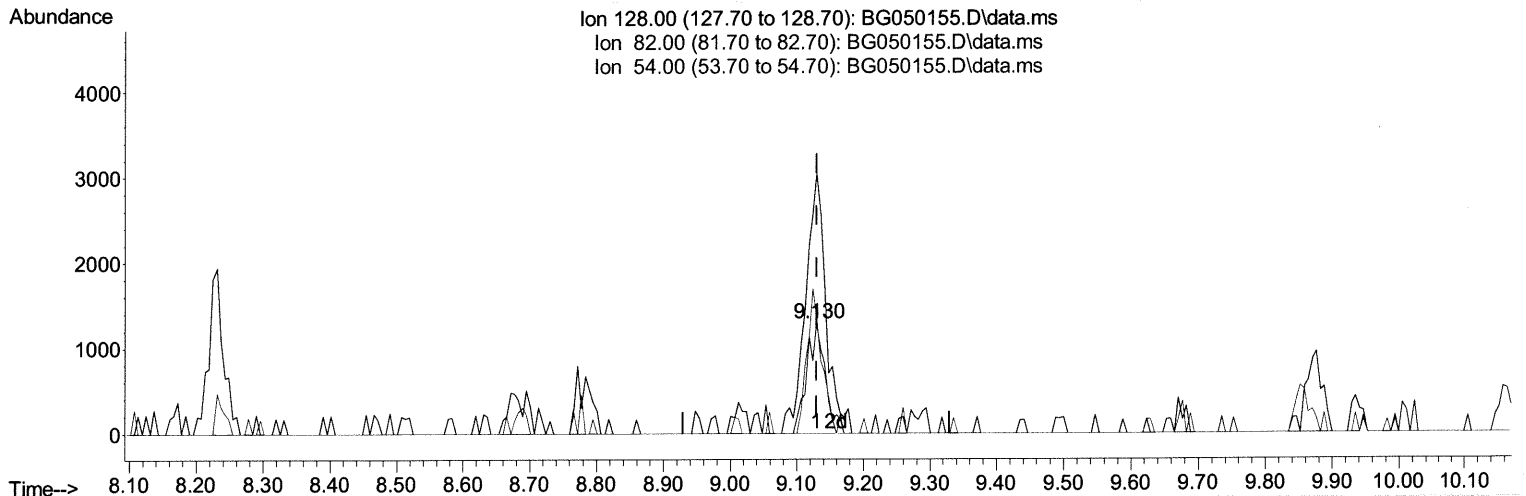
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Manual Integrations
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(21) Nitrobenzene-d5 (S)

9.130min (+ 0.000) 2.17 ng/ul m *Ju 9/8/21*

response 2468

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	299.30	236.07#
54.00	144.60	106.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

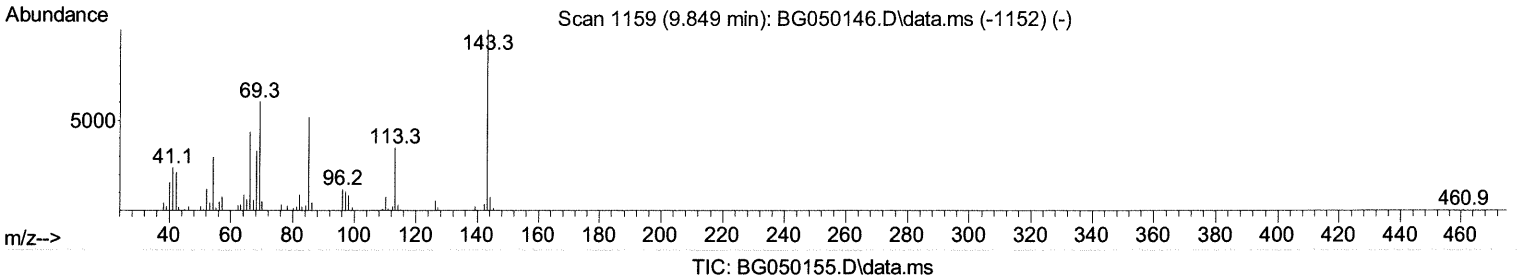
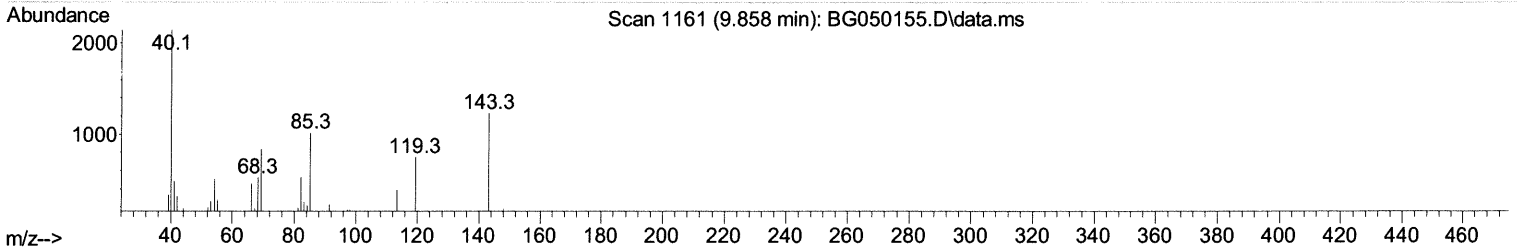
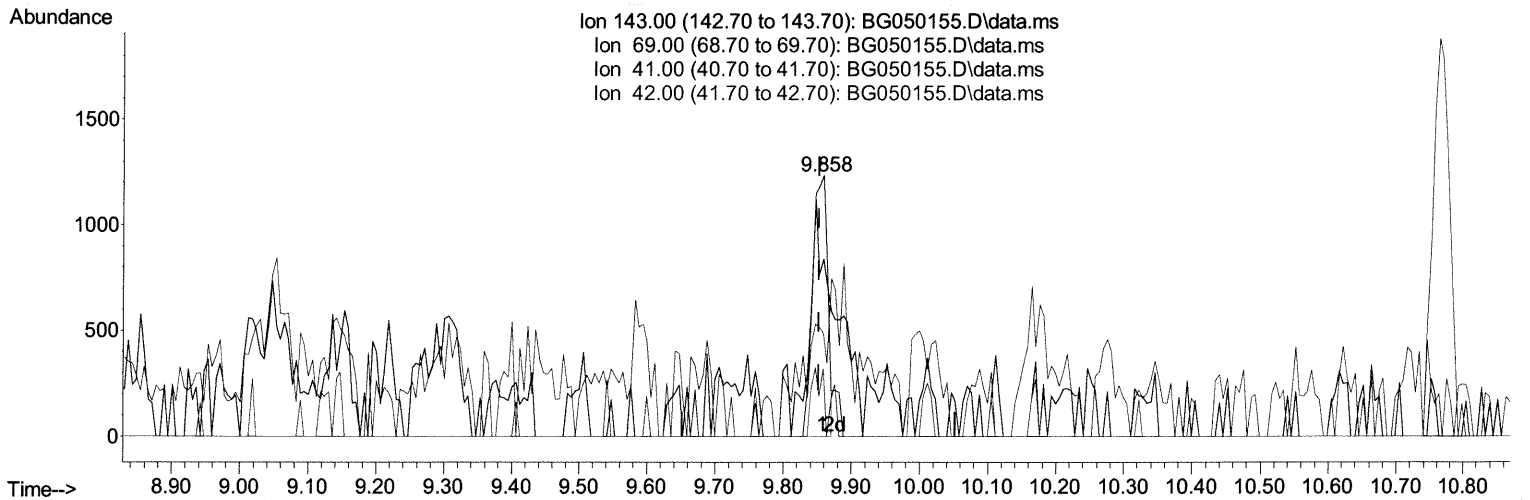
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050155.D
 Acq On : 4 Sep 2021 7:58
 Operator : CG/JU
 Sample : M3526-07DL 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(24) 2-Nitrophenol-d4 (S)

9.858min (+ 0.006) 1.40 ng/ul

response 1895

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	51.80	67.94#
41.00	22.60	39.61#
42.00	22.80	25.81

Quantitation Report (Qedit)

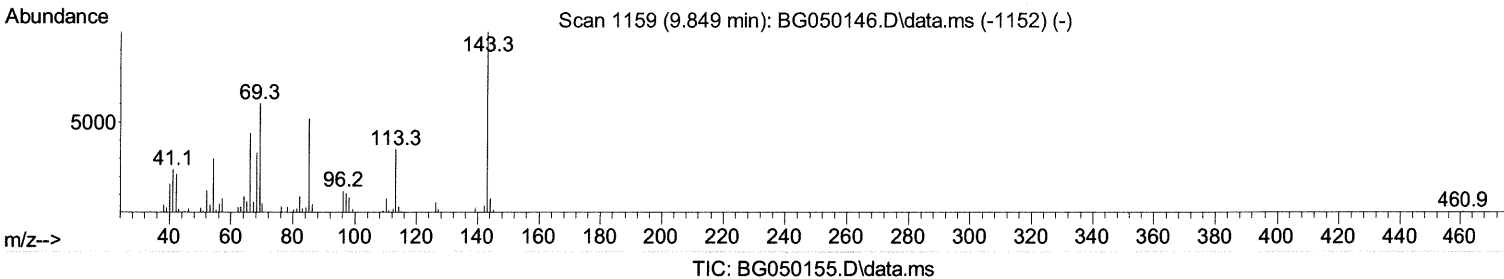
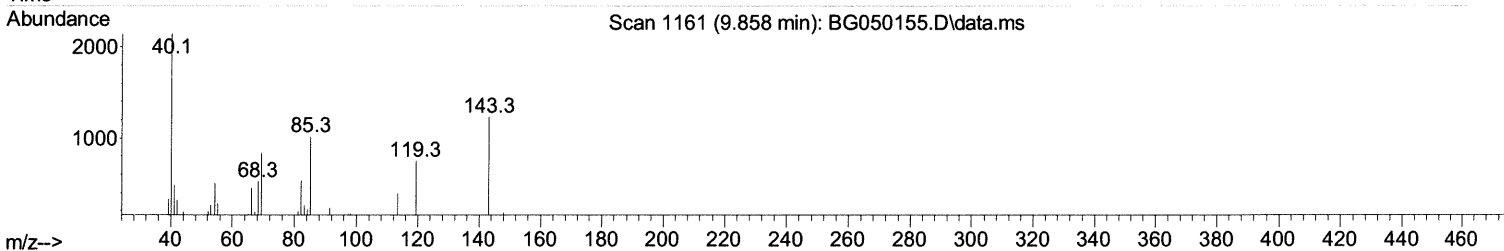
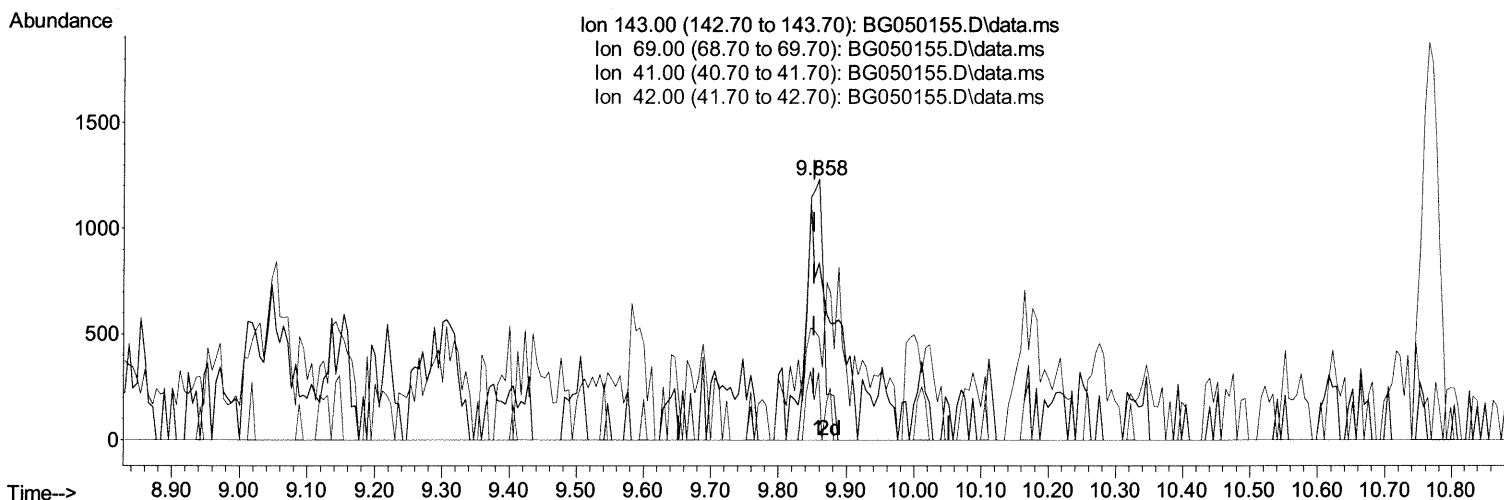
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050155.D
 Acq On : 4 Sep 2021 7:58
 Operator : CG/JU
 Sample : M3526-07DL 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B9DL

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:34:47 AM

Quant Time: Sep 06 03:20:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(24) 2-Nitrophenol-d4 (S)

9.858min (+ 0.006) 1.51 ng/ul m Ju 9/8/21

response 2044

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	51.80	67.94#
41.00	22.60	39.61#
42.00	22.80	25.81

Quantitation Report (Qedit)

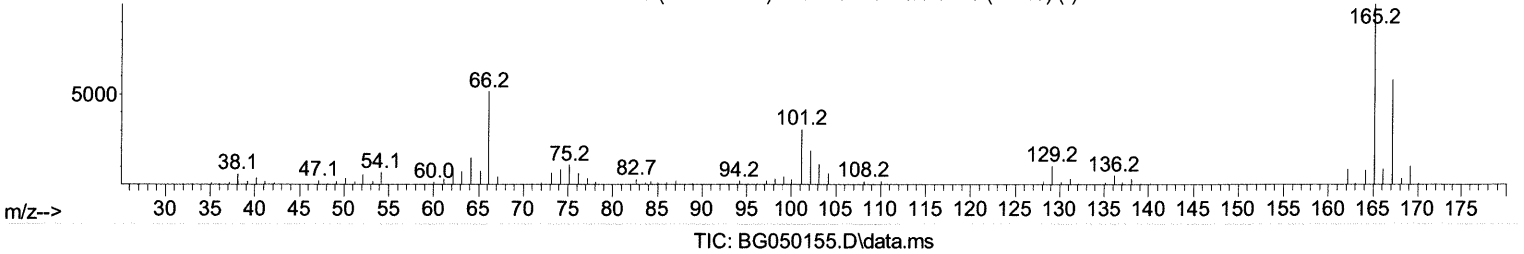
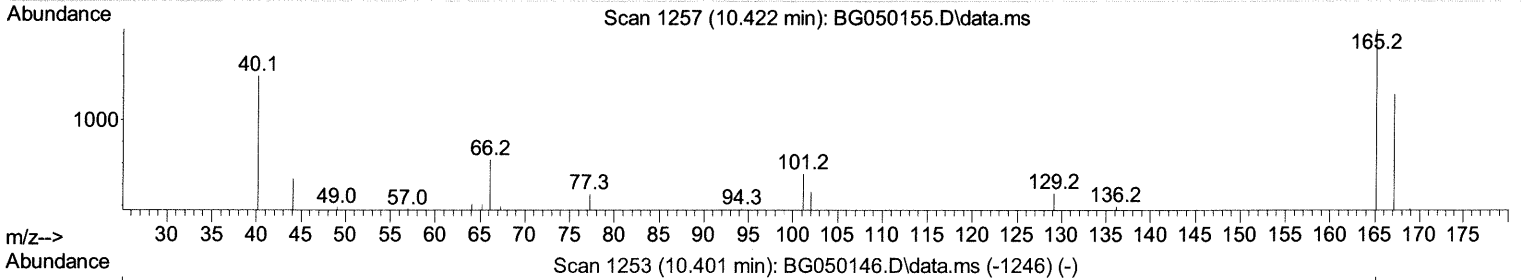
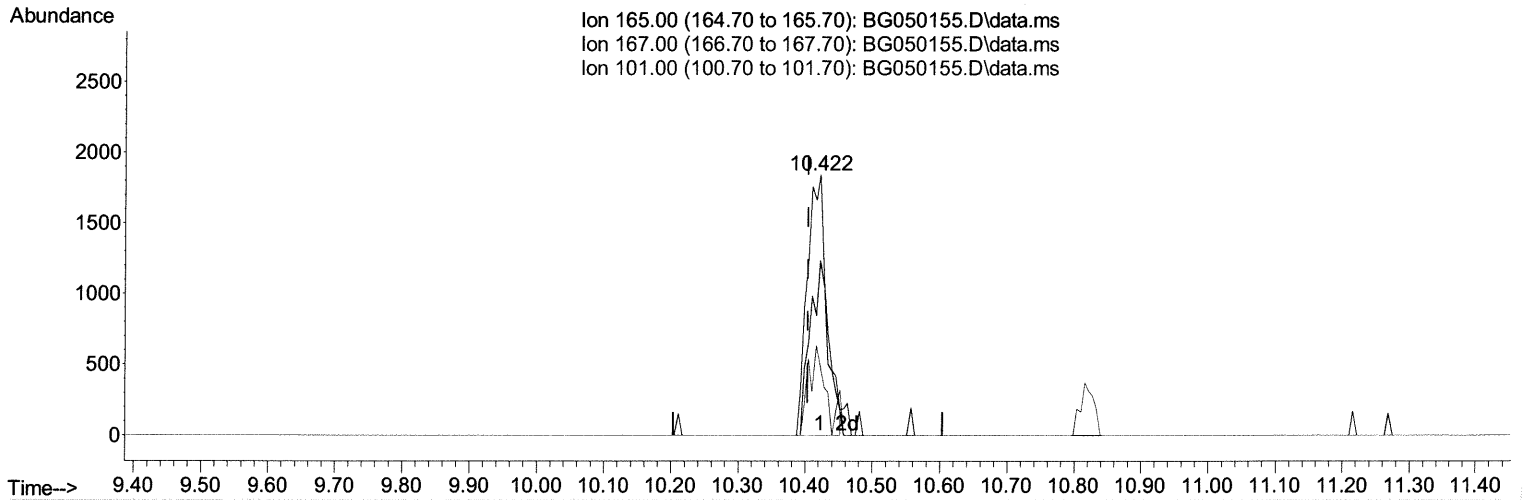
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050155.D
 Acq On : 4 Sep 2021 7:58
 Operator : CG/JU
 Sample : M3526-07DL 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B9DL

Manual Integrations
 APPROVED

mohammad
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Quant Time: Sep 06 03:20:19 2021
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 Response via : Initial Calibration



(28) 2,4-Dichlorophenol-d3 (S)

10.422min (+ 0.018) 1.54 ng/u1

response 3729

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	53.60	67.16#
101.00	32.00	26.93
0.00	0.00	0.00

Quantitation Report (Qedit)

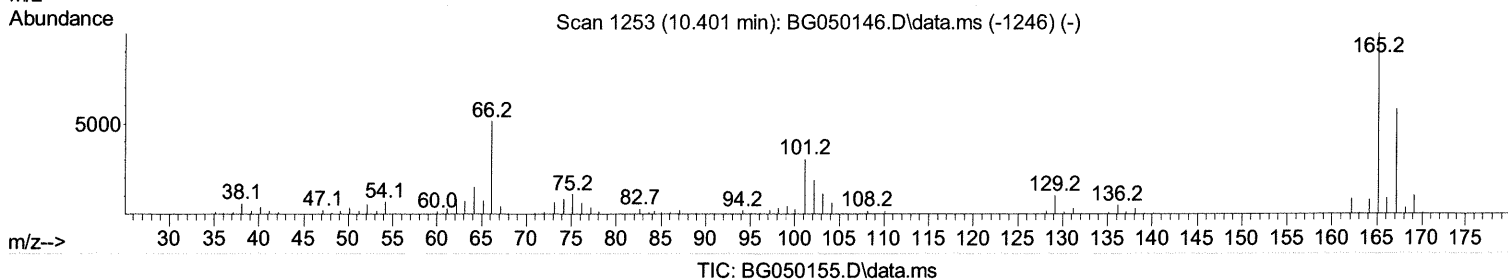
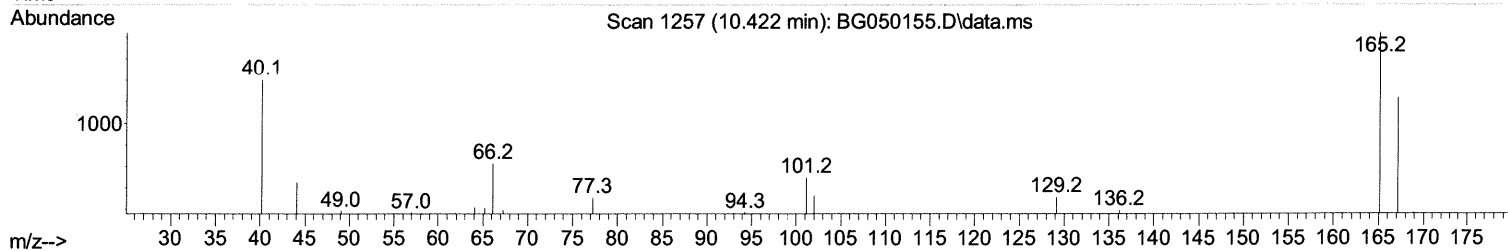
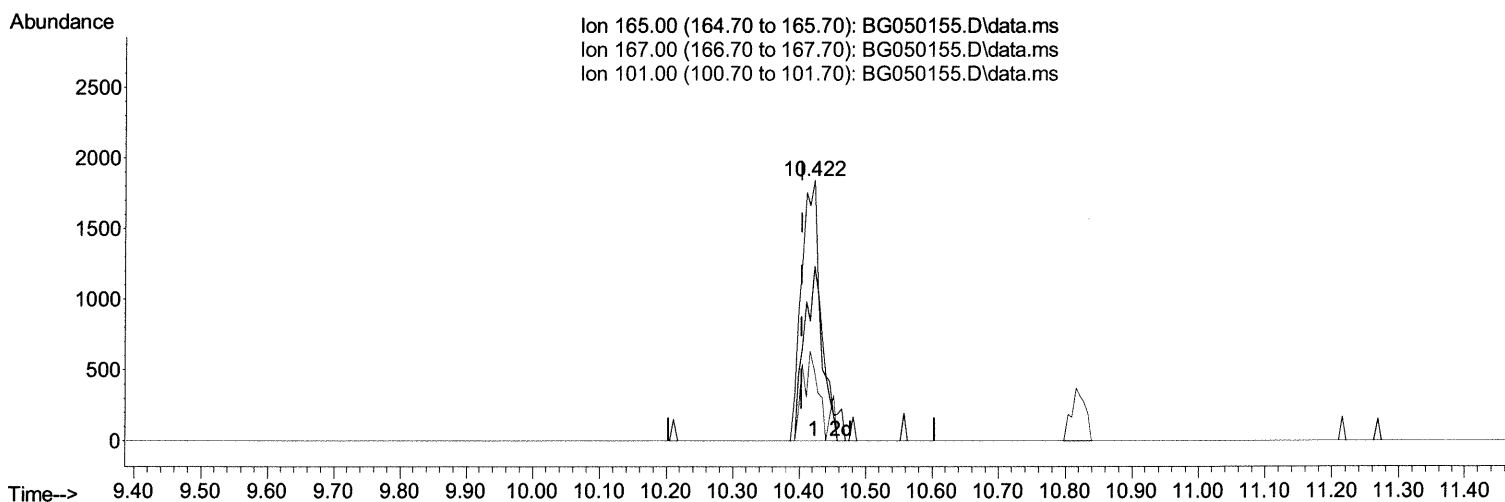
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050155.D
Acq On : 4 Sep 2021 7:58
Operator : CG/JU
Sample : M3526-07DL 10X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7B9DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:34:47 AM

Quant Time: Sep 06 03:20:19 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



(28) 2,4-Dichlorophenol-d3 (S)

10.422min (+ 0.018) 1.60 ng/ul m 24 9/8/21

response 3874

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	53.60	67.16#
101.00	32.00	26.93
0.00	0.00	0.00

Quantitation Report (Qedit)

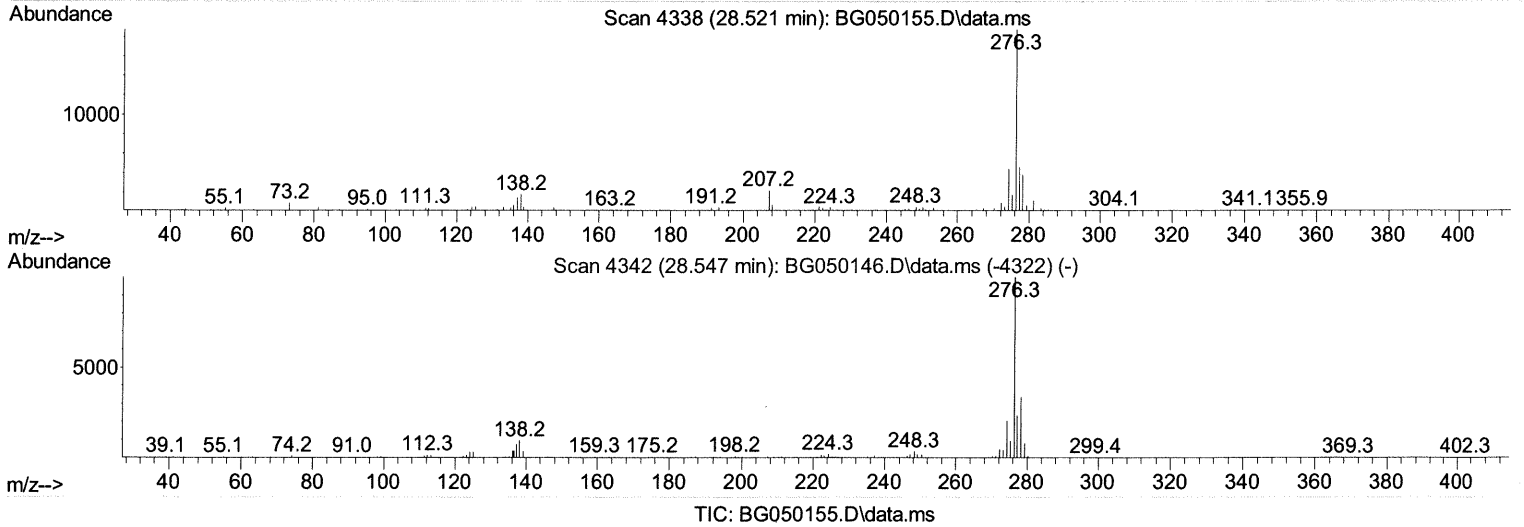
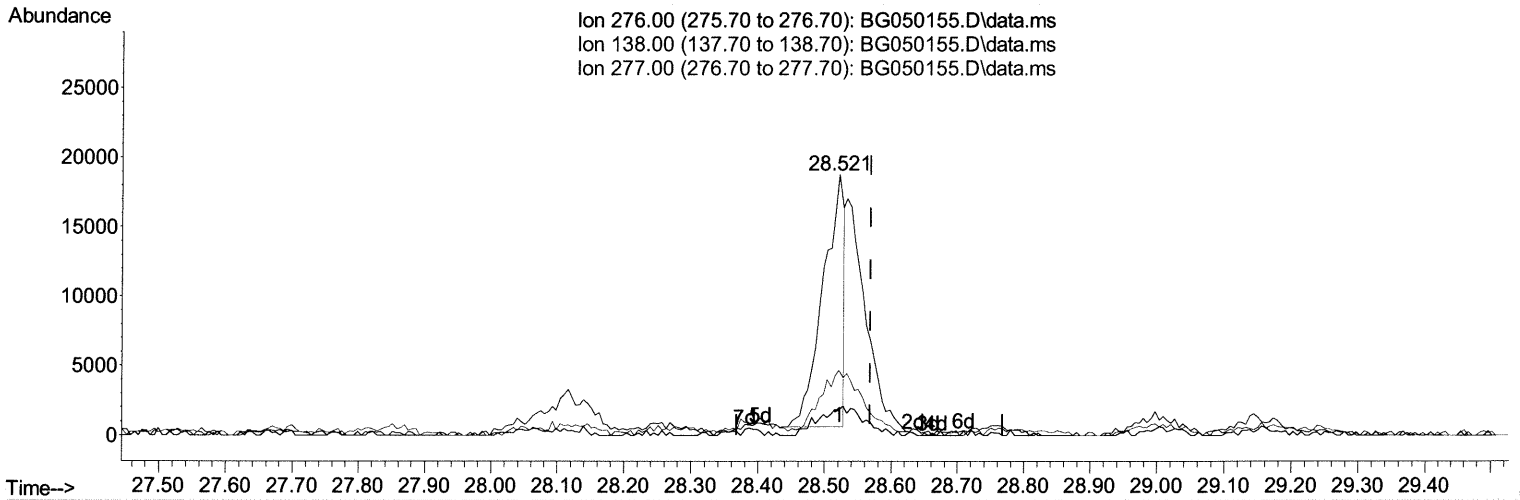
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050155.D
 Acq On : 4 Sep 2021 7:58
 Operator : CG/JU
 Sample : M3526-07DL 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B9DL

Manual Integrations
 APPROVED

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

28.521min (-0.047) 2.40 ng/ul

response 39335

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	9.55#
277.00	23.20	24.83
0.00	0.00	0.00

Quantitation Report (Qedit)

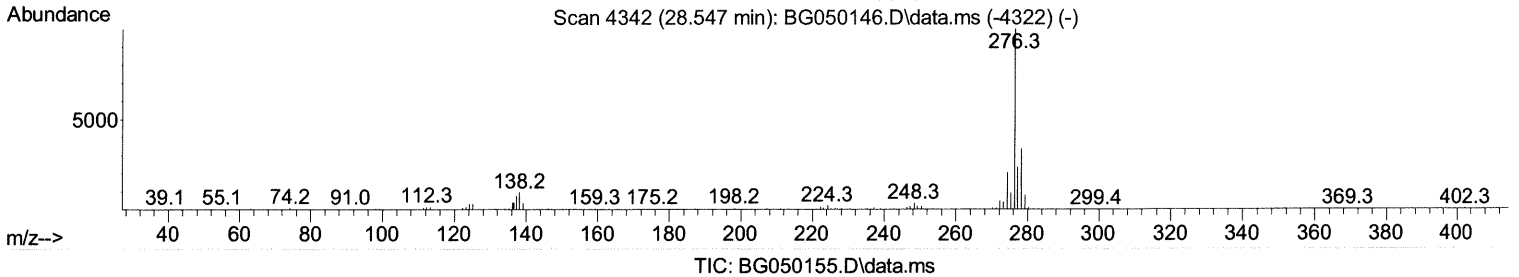
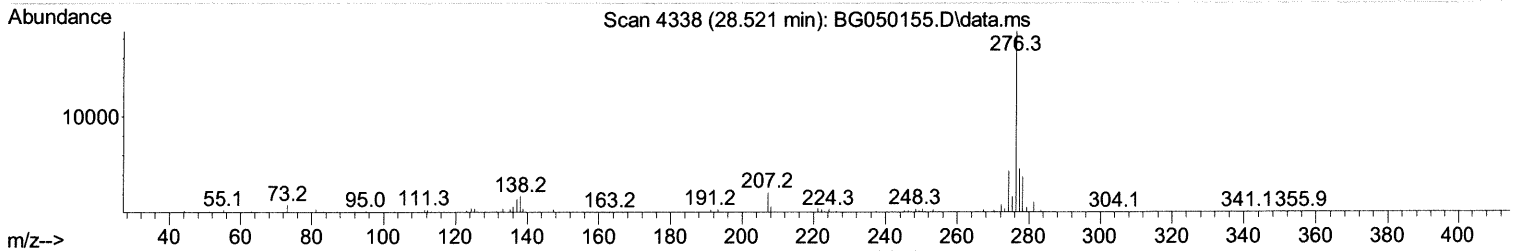
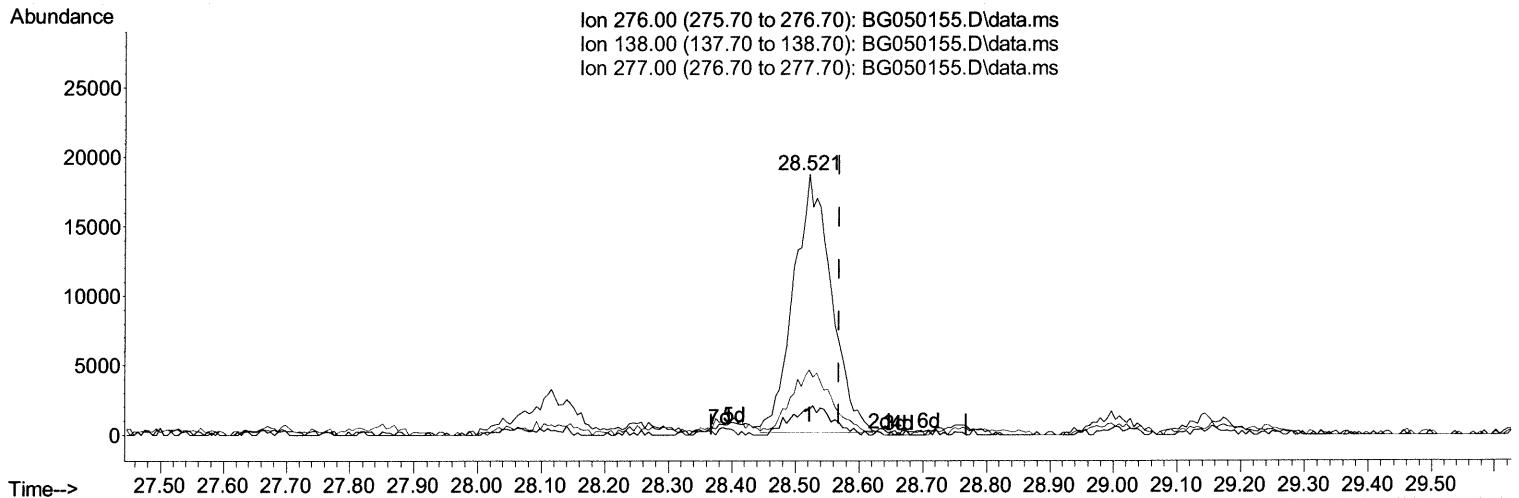
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050155.D
 Acq On : 4 Sep 2021 7:58
 Operator : CG/JU
 Sample : M3526-07DL 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B9DL

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:34:47 AM

Quant Time: Sep 06 03:20:19 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

28.521min (-0.047) 4.69 ng/ul m 3u 9/8/21

response 77068

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	9.55#
277.00	23.20	24.83
0.00	0.00	0.00

Quantitation Report (Qedit)

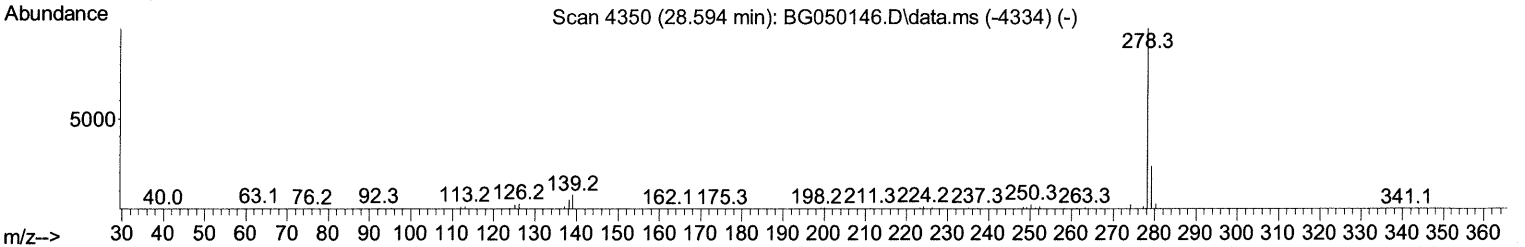
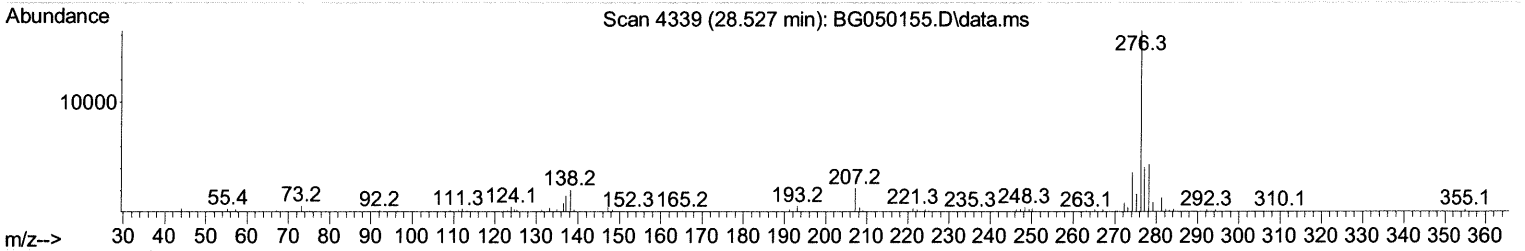
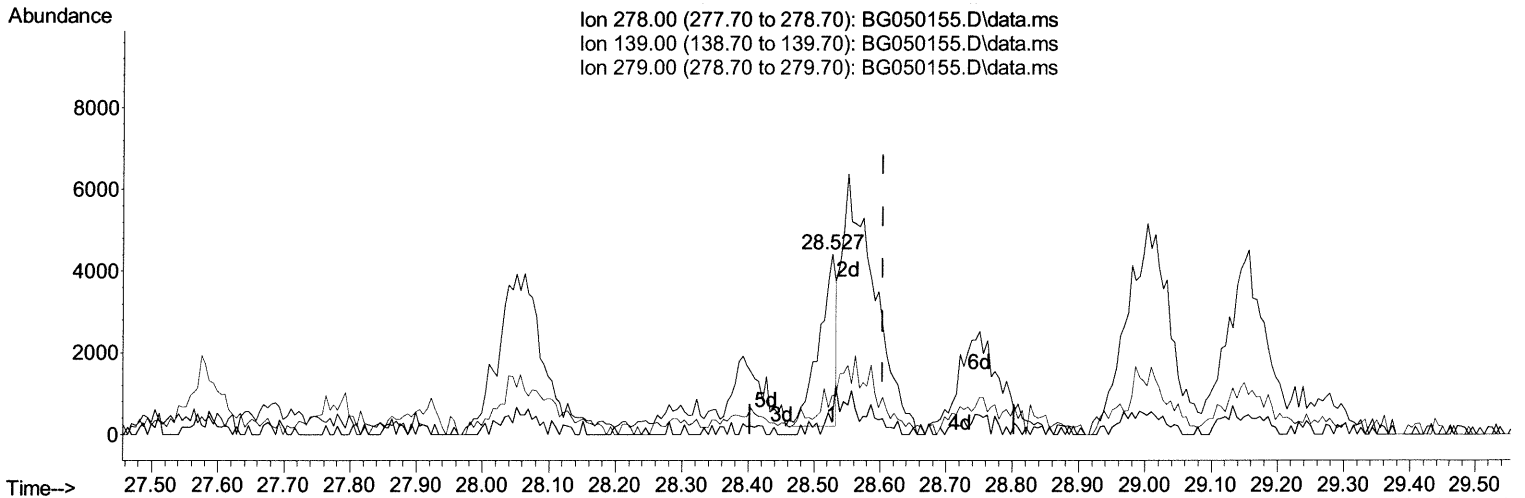
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050155.D
 Acq On : 4 Sep 2021 7:58
 Operator : CG/JU
 Sample : M3526-07DL 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG050155.D\data.ms

(95) Dibenzo(a,h)anthracene

28.527min (-0.076) 0.57 ng/ul

response 7815

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	6.59
279.00	23.70	21.60
0.00	0.00	0.00

Quantitation Report (Qedit)

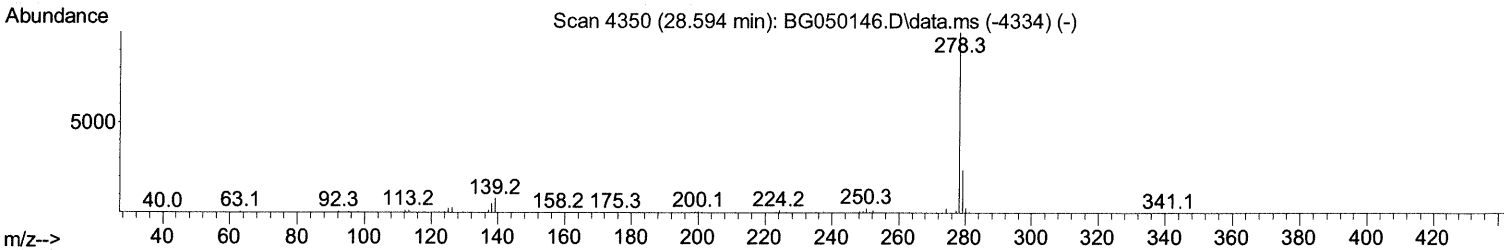
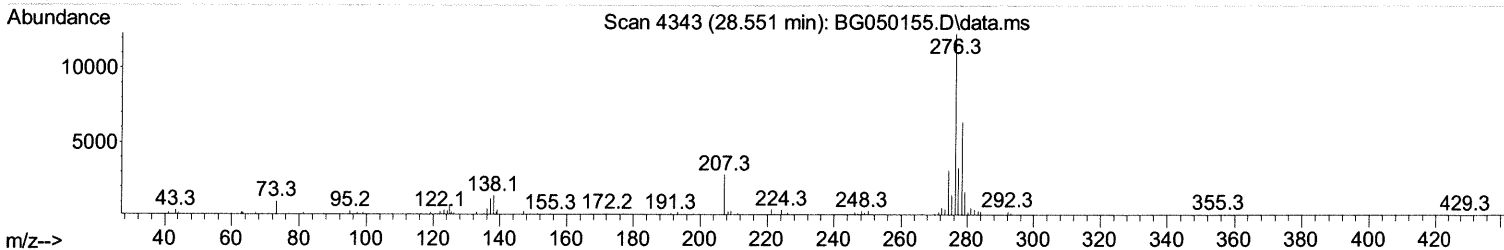
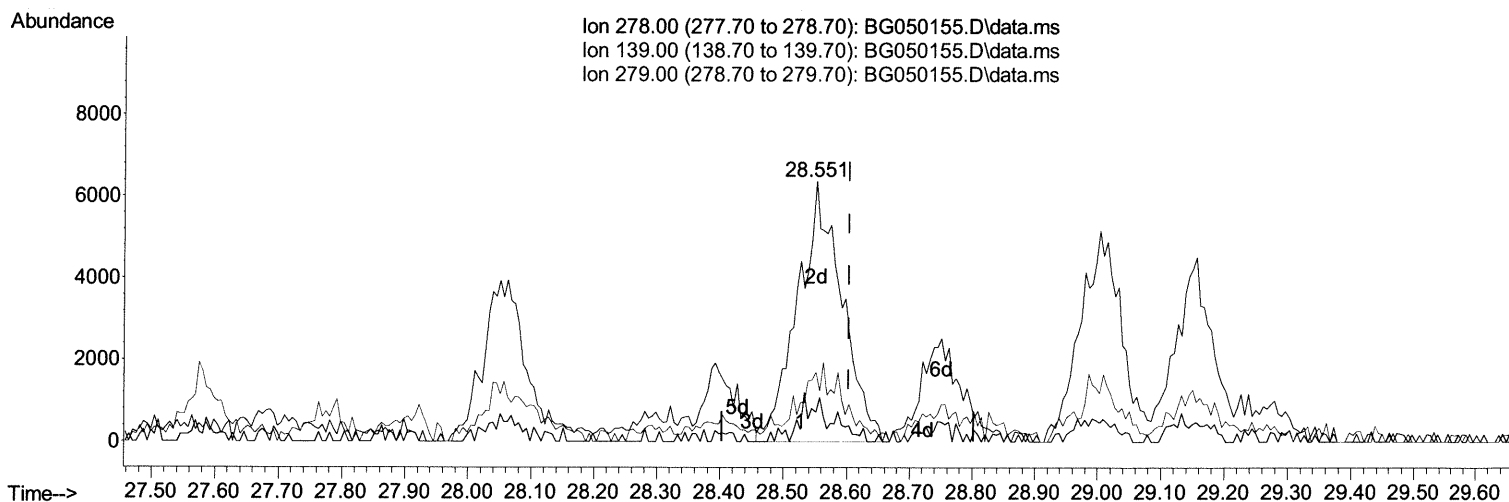
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TIC: BG050155.D\data.ms

(95) Dibenzo(a,h)anthracene

28.551min (-0.052) 2.23 ng/ul m Ju 9/8/21

response 30626

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	6.76
279.00	23.70	26.57
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	7.949	152	36576	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	146999	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.611	164	100885	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.366	188	217959	20.000	ng/ul	-0.01
79) Chrysene-d12	21.636	240	219936	20.000	ng/ul	-0.01
88) Perylene-d12	24.850	264	224013	20.000	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.133	99	4781	1.539	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	2690	1.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.485	132	4416	1.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.677	113	3023	1.236	ng/ul	0.00
21) Nitrobenzene-d5	9.130	128	2468m	2.166	ng/ul	0.00
24) 2-Nitrophenol-d4	9.858	143	2044m	1.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	3874m	1.601	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.011	166	13857	1.795	ng/ul	-0.01
49) Acenaphthylene-d8	14.305	160	16543	1.827	ng/ul	-0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.603	176	11182	1.708	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.466	188	17606	1.799	ng/ul	-0.01
81) Pyrene-d10	19.757	212	21443	1.804	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.632	264	18181	1.530	ng/ul	-0.02

Target Compounds

					Qvalue	
30) Naphthalene	10.822	128	15651	2.130	ng/ul	98
36) 2-Methylnaphthalene	12.431	142	5734	1.050	ng/ul	82
52) Acenaphthene	14.675	153	19779	3.295	ng/ul	94
56) Dibenzofuran	15.010	168	19458	2.341	ng/ul	97
61) Fluorene	15.662	166	35752	5.098	ng/ul#	94
72) Phenanthrene	17.407	178	340938	31.377	ng/ul	98
74) Anthracene	17.495	178	92802	8.428	ng/ul	96
77) Carbazole	17.771	167	18981	1.937	ng/ul#	96
80) Fluoranthene	19.422	202	443865	30.264	ng/ul#	98
82) Pyrene	19.786	202	318128	21.890	ng/ul	98
85) Benzo(a)anthracene	21.619	228	205964	15.029	ng/ul	99
87) Chrysene	21.683	228	163673	12.634	ng/ul	96
90) Benzo(b)fluoranthene	23.833	252	207399	14.474	ng/ul	100
91) Benzo(k)fluoranthene	23.886	252	68952	5.062	ng/ul	97
93) Benzo(a)pyrene	24.697	252	116233	9.340	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.521	276	77068m	4.695	ng/ul	
95) Dibenzo(a,h)anthracene	28.551	278	30626m	2.229	ng/ul	

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