

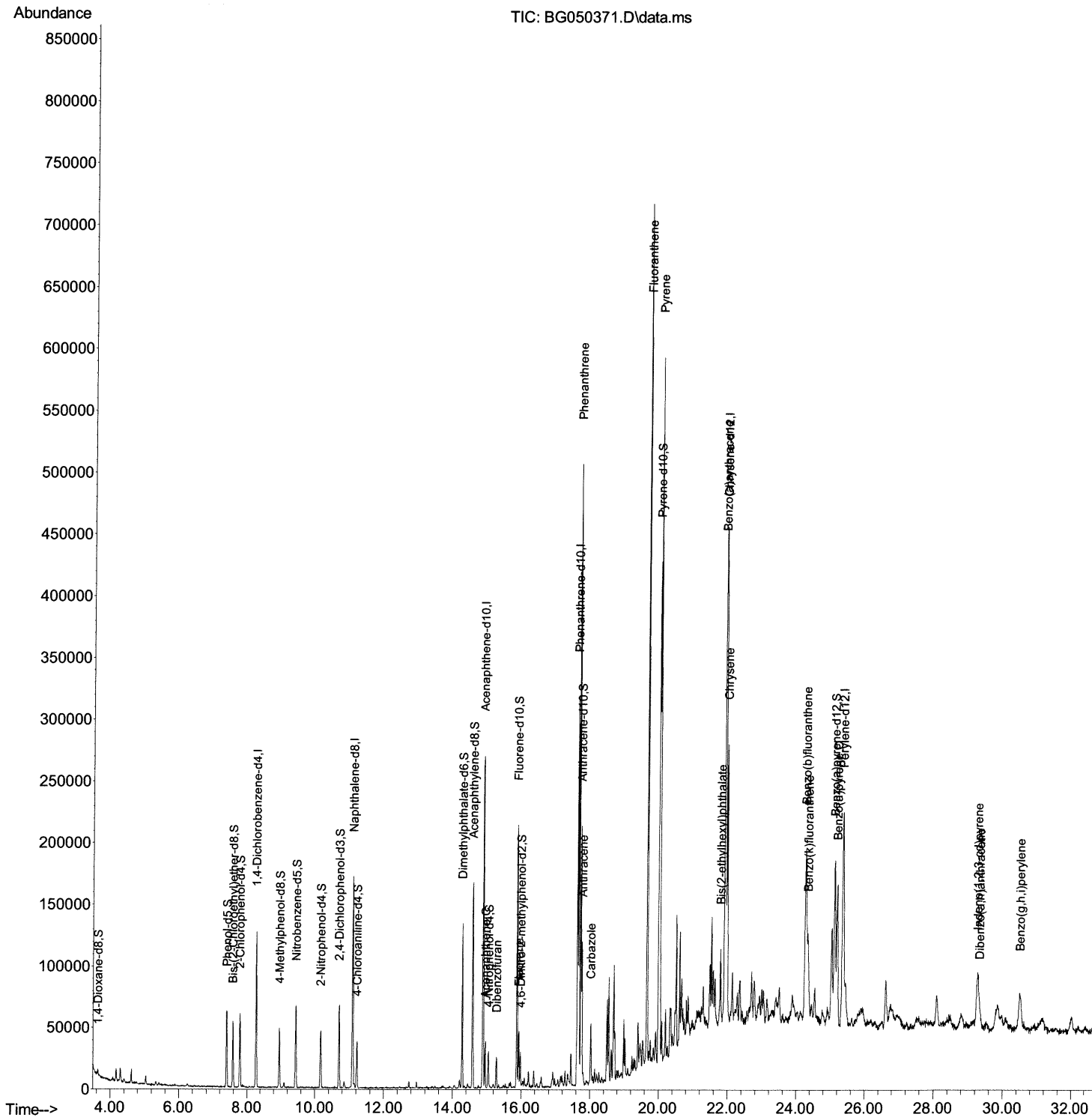
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7S9

Manual Integrations
APPROVED

mohammad
10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

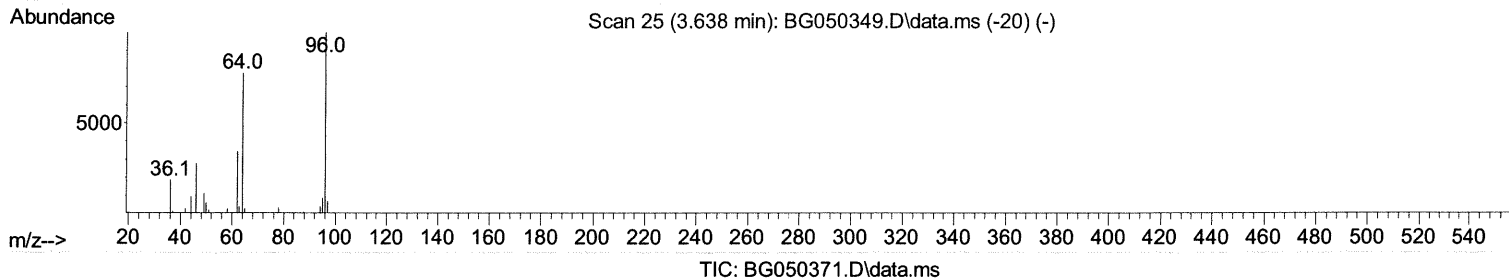
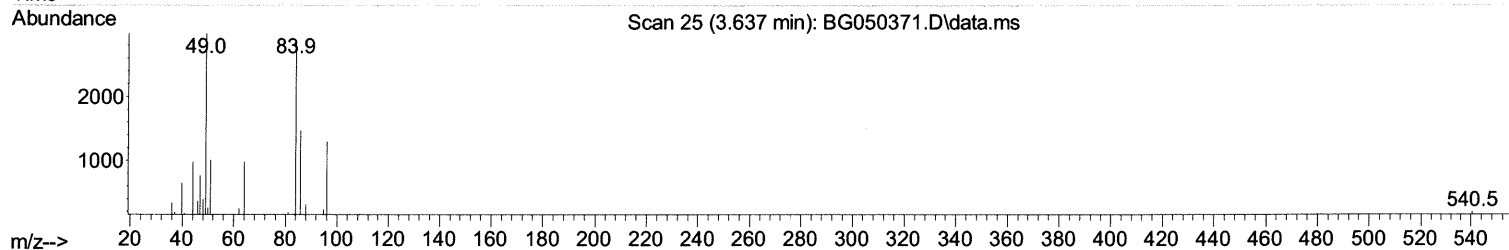
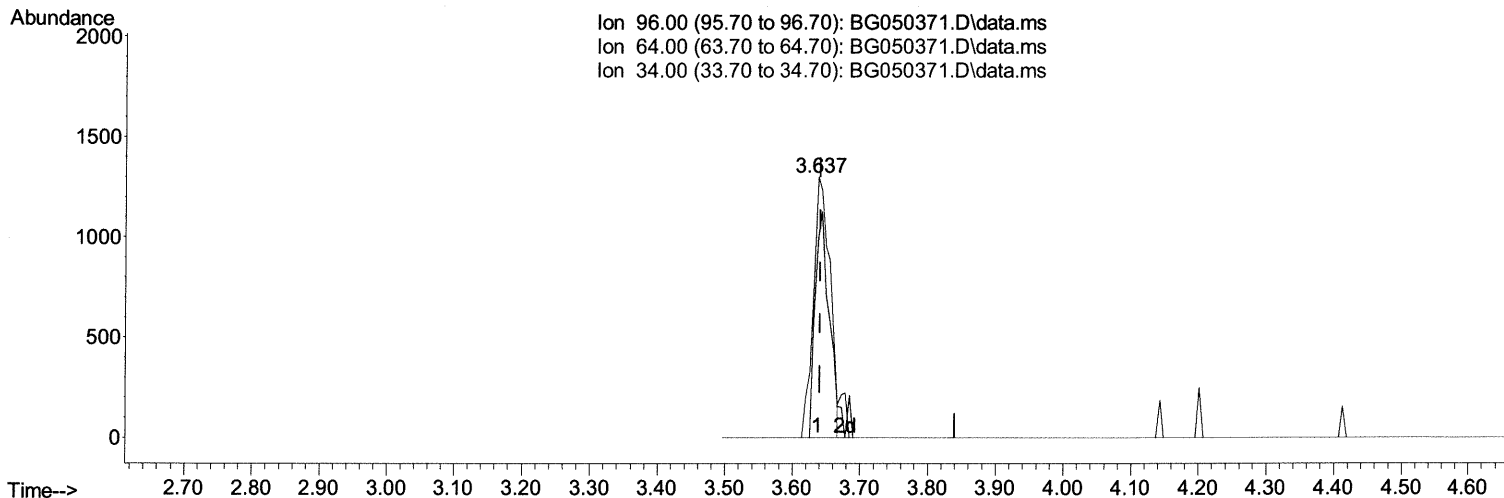
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



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

3.637min (-0.003) 2.39 ng/uL

response 2215

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	76.21
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

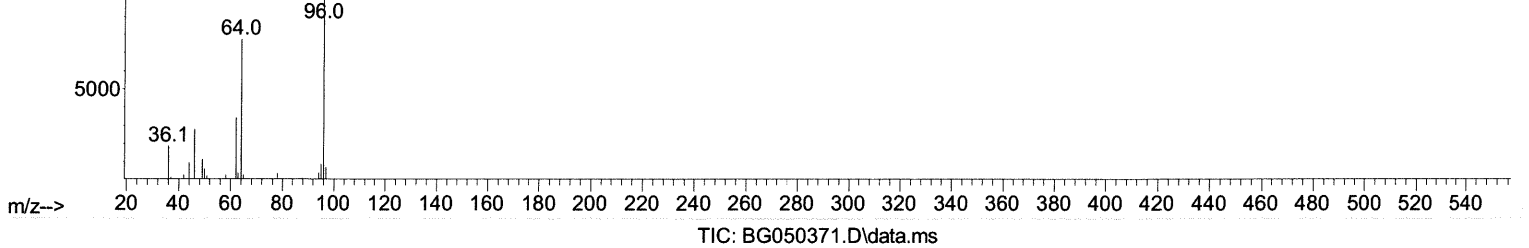
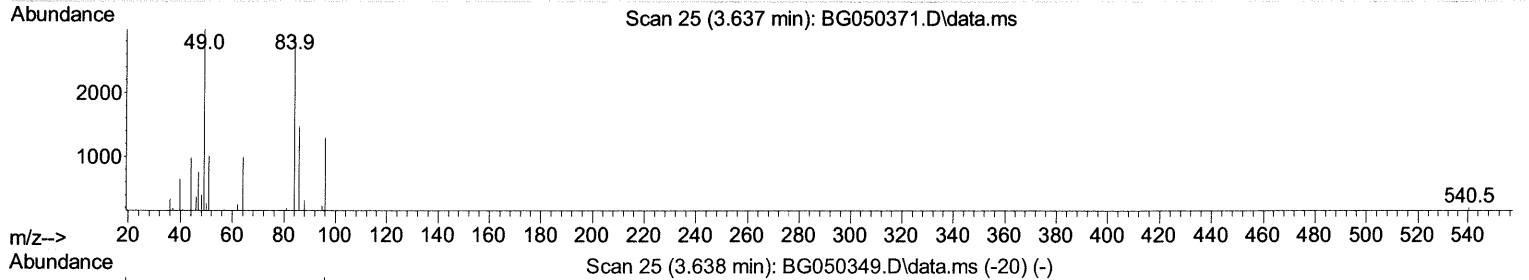
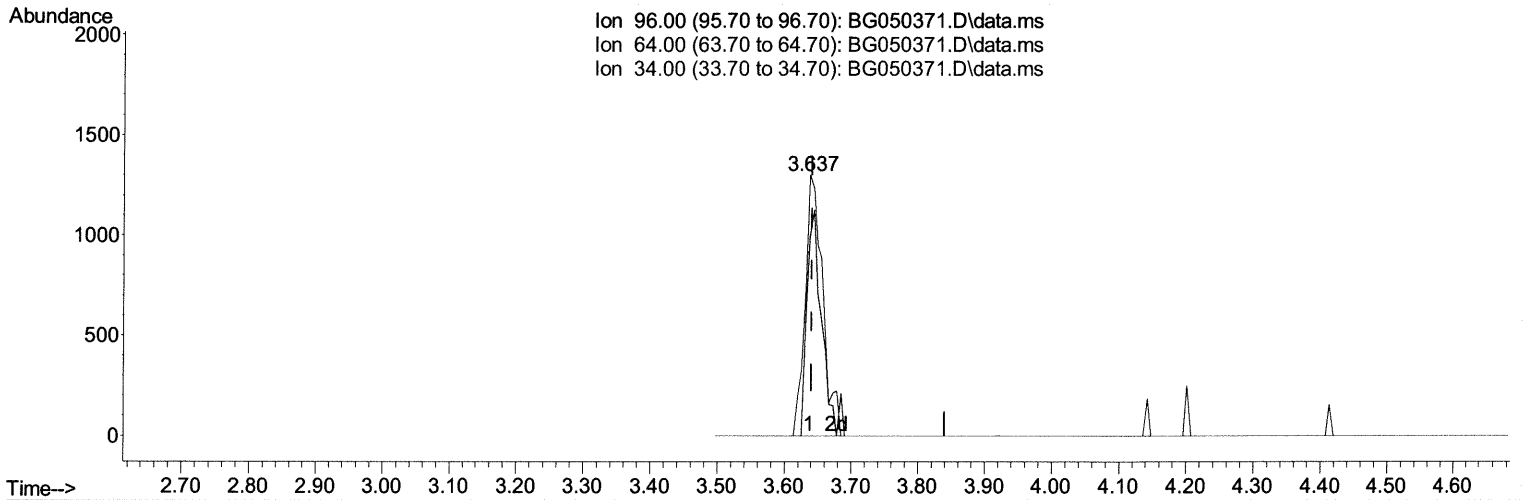
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



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

3.637min (-0.003) 2.56 ng/uL m 10/05/21 JU

response 2368

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	76.21
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

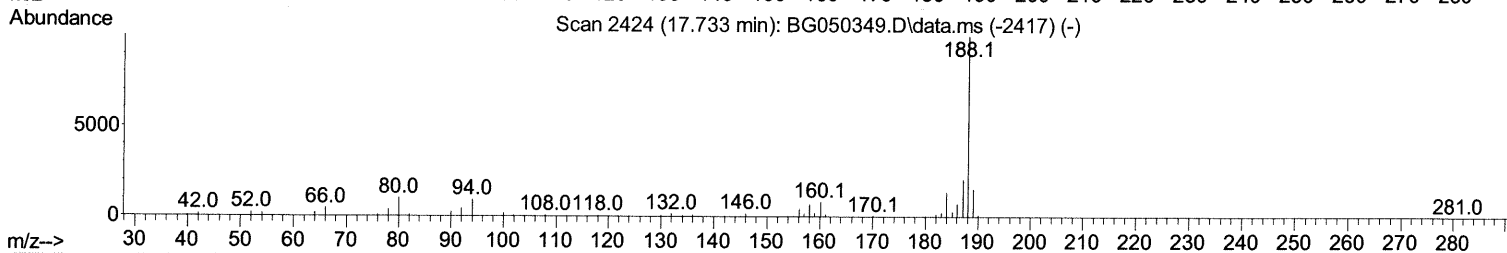
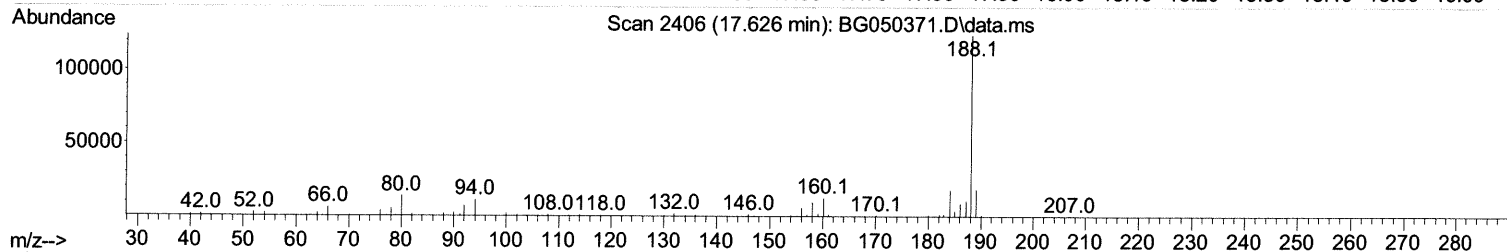
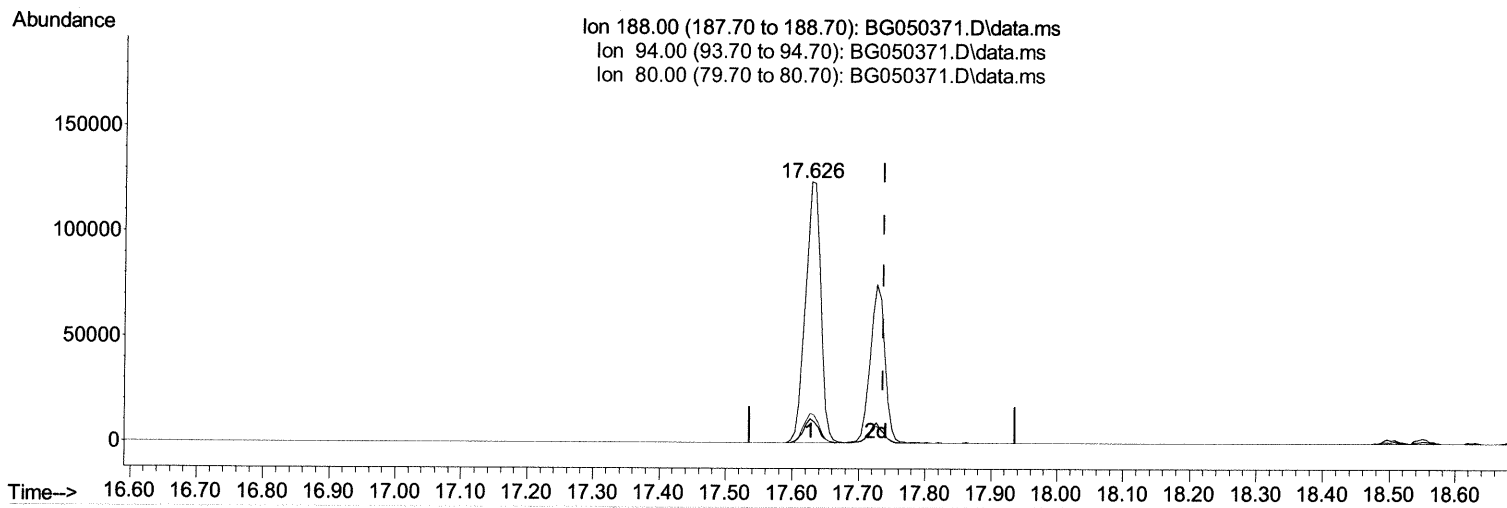
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



TIC: BG050371.D\data.ms

(73) Anthracene-d10 (S)

17.626min (-0.109) 23.67 ng/ul

response 198685

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.30	9.04
80.00	10.20	11.28
0.00	0.00	0.00

Quantitation Report (Qedit)

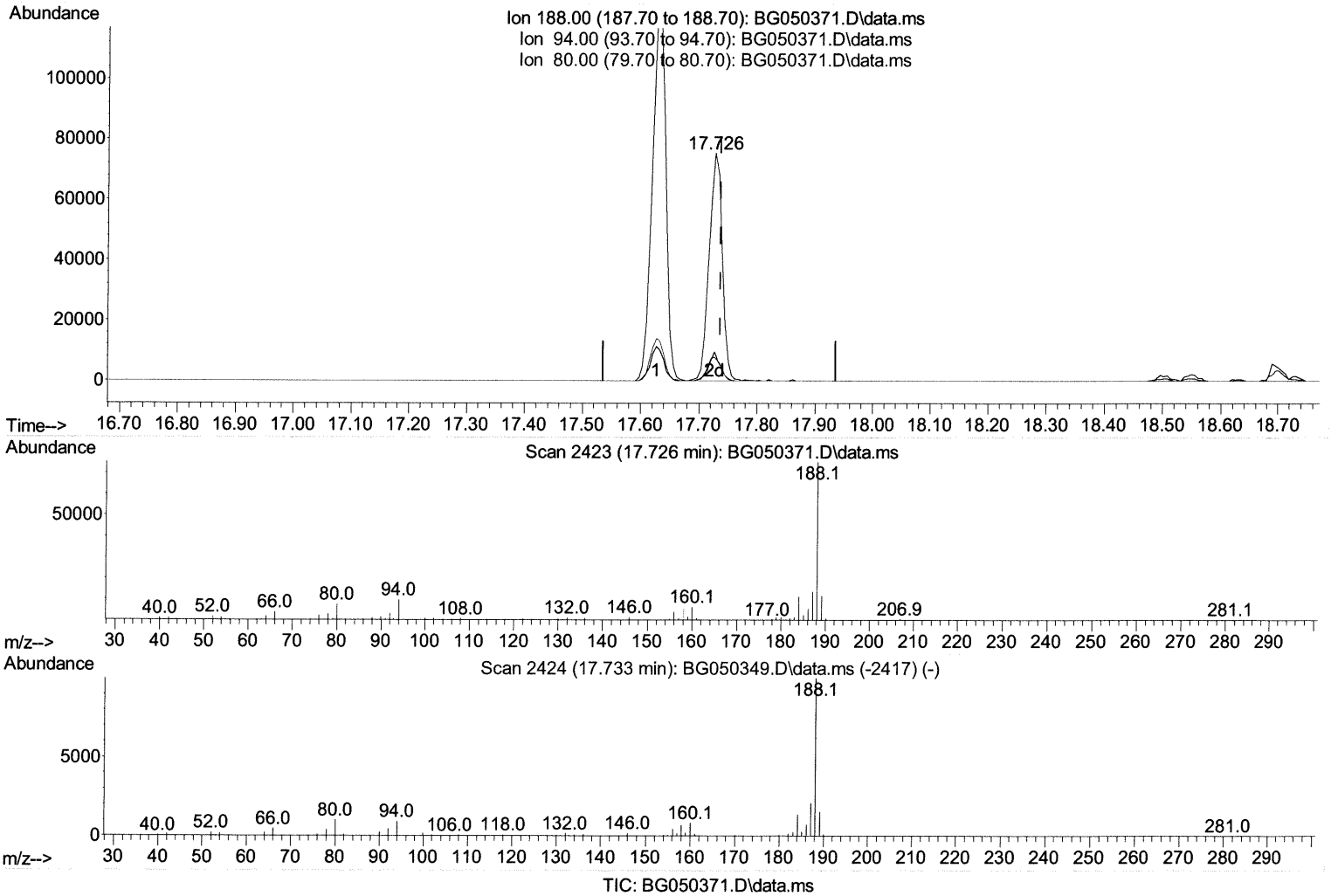
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



(73) Anthracene-d10 (S)

17.726min (-0.009) 13.86 ng/ul m 10/05/21 JU

response 116340

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.30	12.73#
80.00	10.20	10.21
0.00	0.00	0.00

Quantitation Report (Qedit)

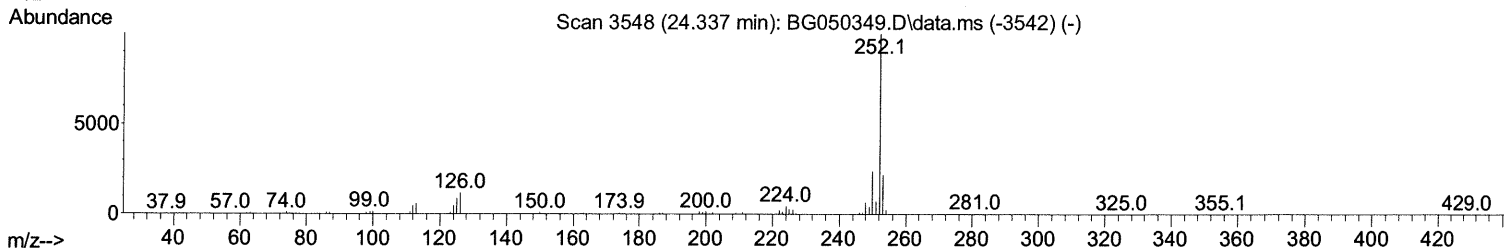
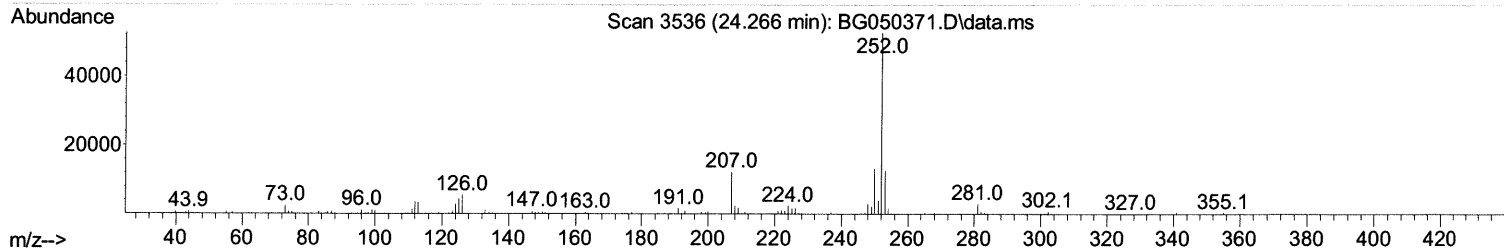
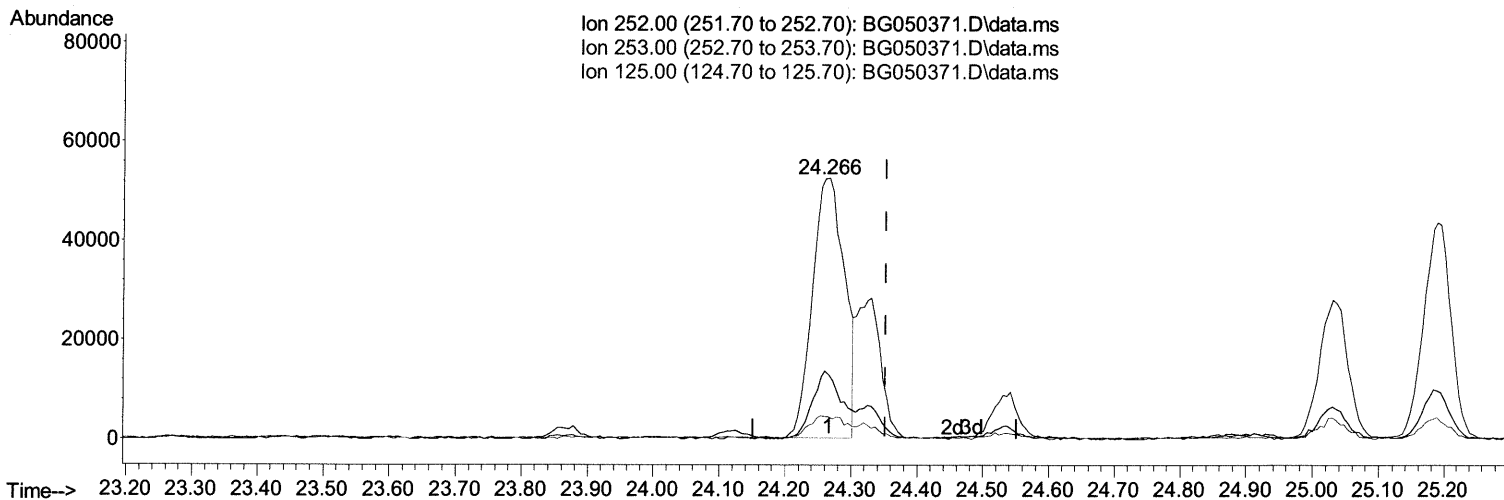
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



TIC: BG050371.D\data.ms

(91) Benzo(k)fluoranthene

24.266min (-0.086) 17.14 ng/ul

response 176052

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	24.38
125.00	9.20	8.37
0.00	0.00	0.00

Quantitation Report (Qedit)

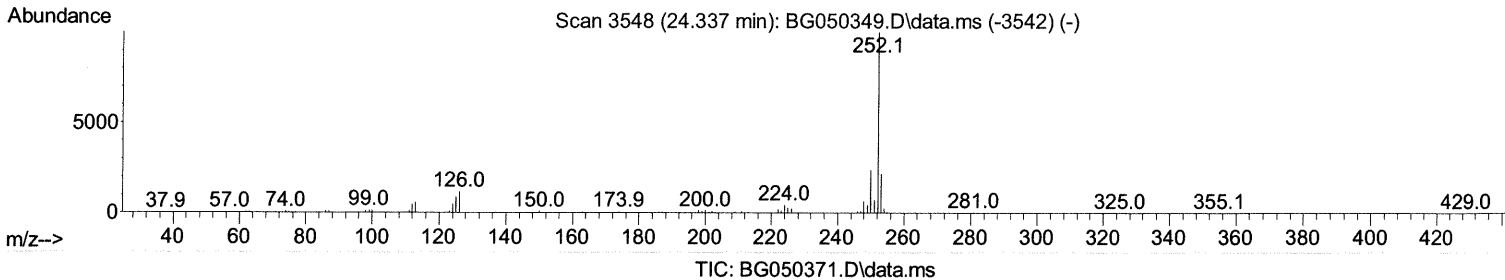
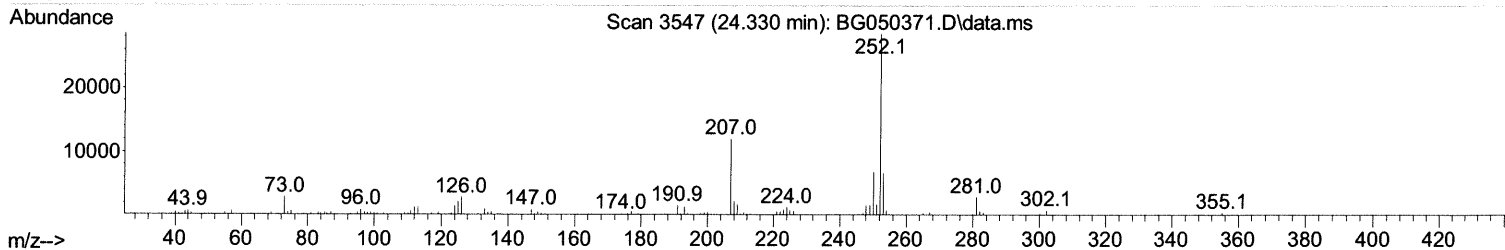
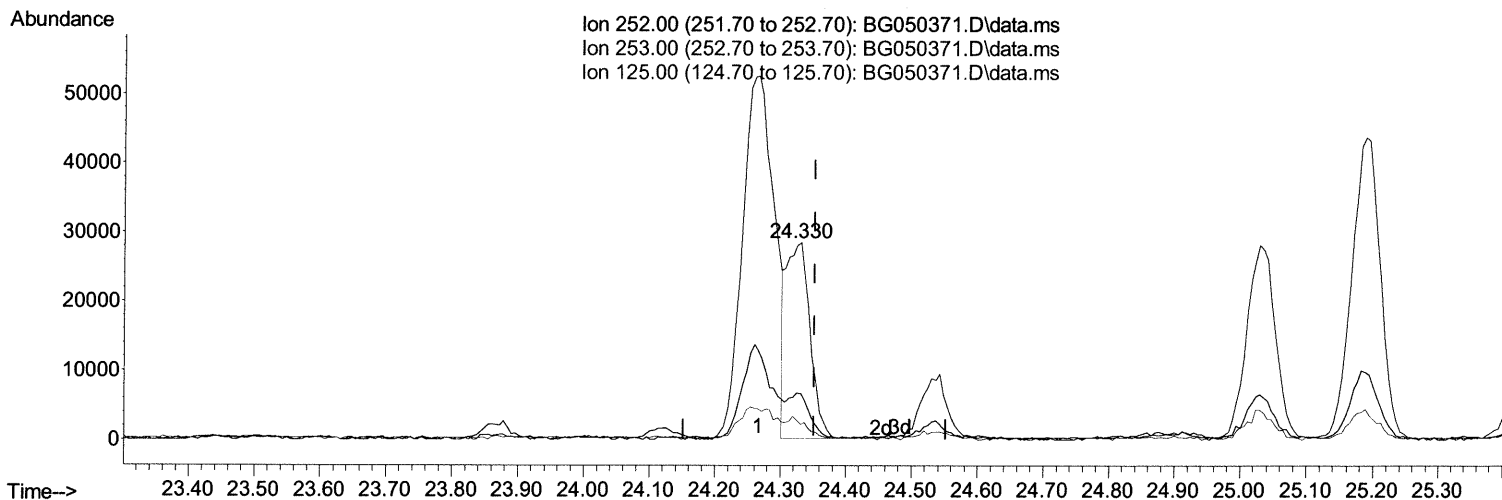
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



TIC: BG050371.D\data.ms

(91) Benzo(k)fluoranthene

24.330min (-0.021) 7.04 ng/ul m 10/05/21 JU

response 72289

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	23.31
125.00	9.20	7.51
0.00	0.00	0.00

Quantitation Report (Qedit)

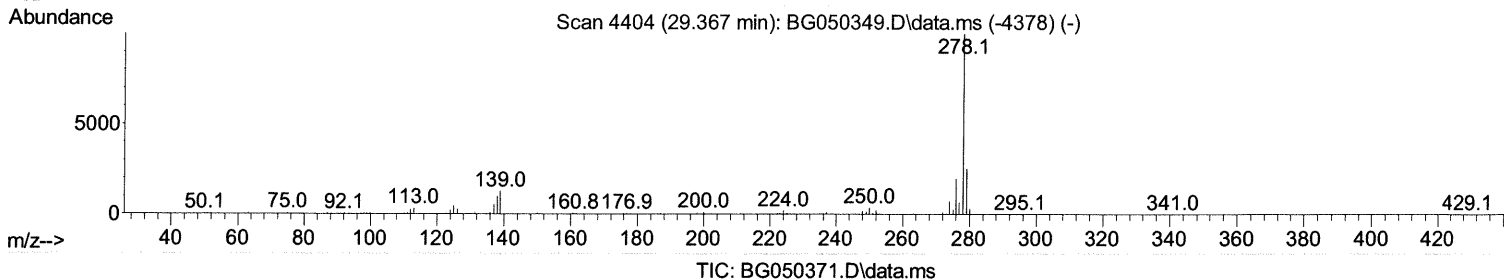
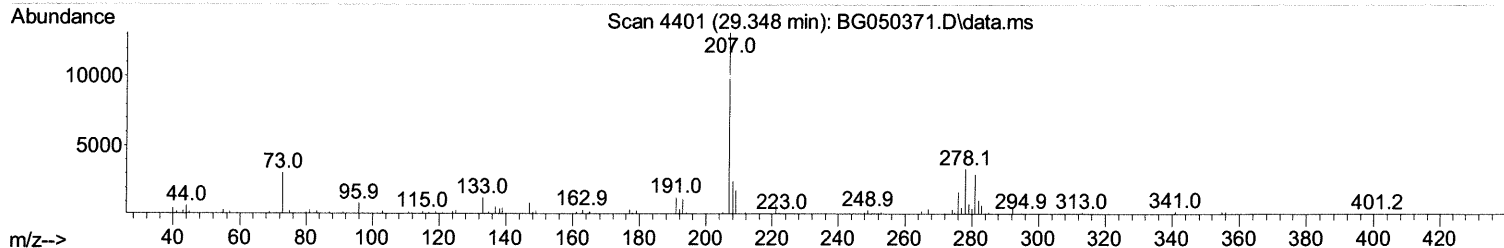
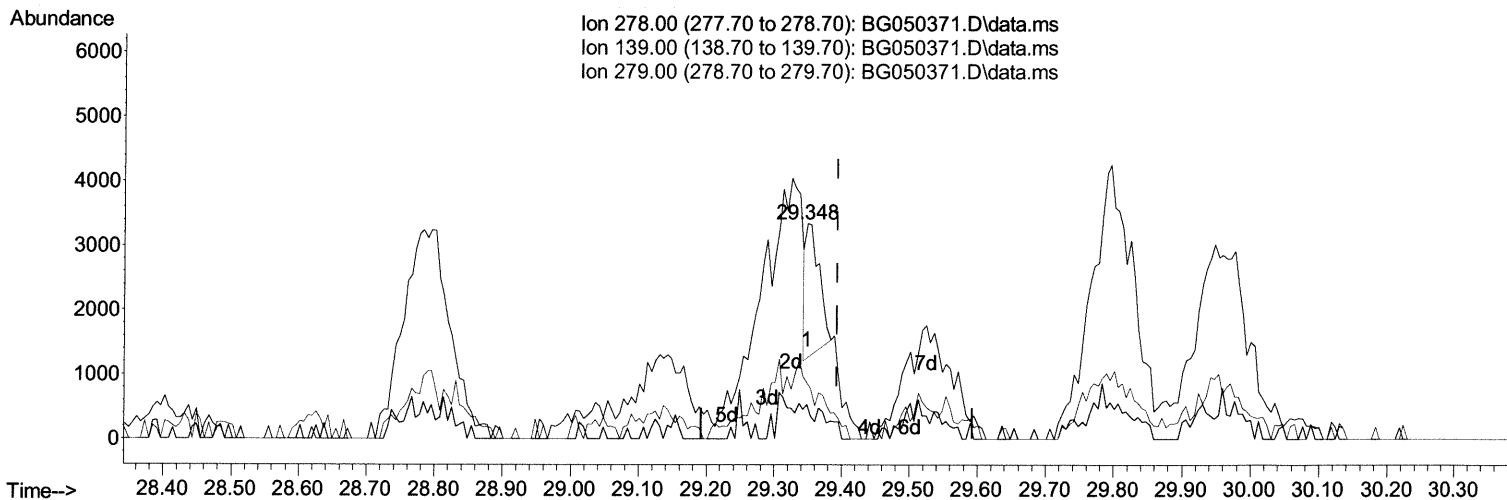
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



(95) Dibenzo(a,h)anthracene

29.348min (-0.045) 0.28 ng/ul

response 2780

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	15.83
279.00	22.90	25.76
0.00	0.00	0.00

Quantitation Report (Qedit)

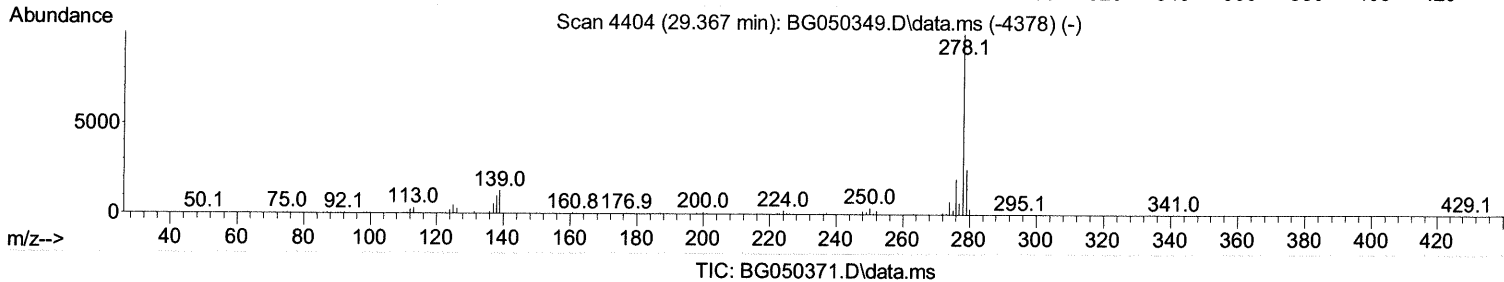
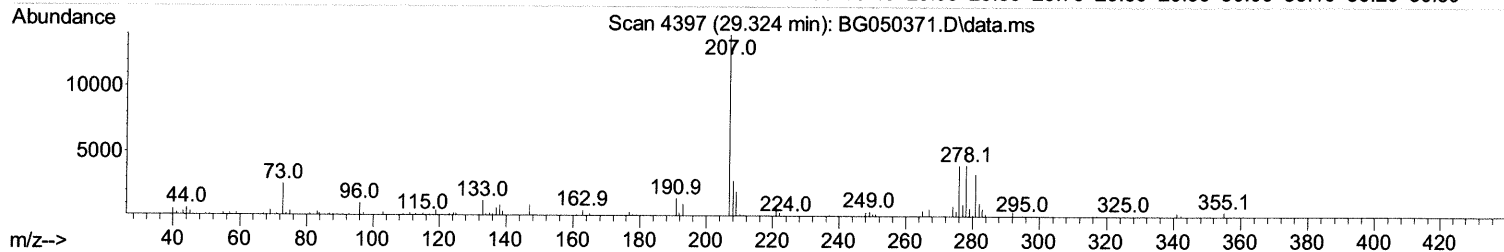
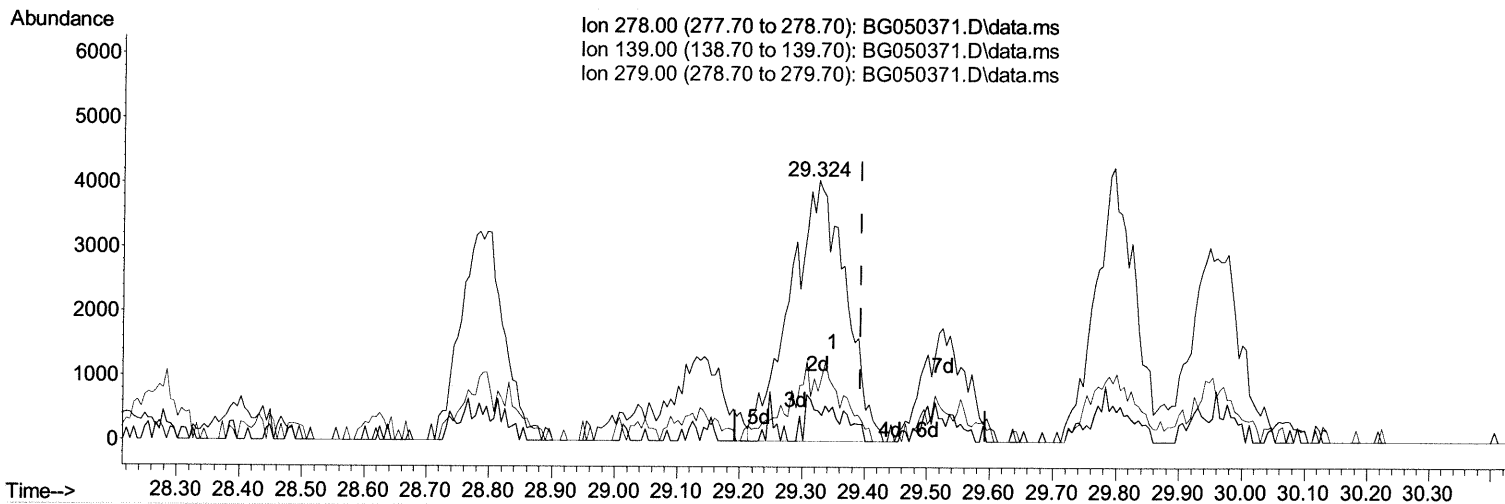
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7S9

Manual Integrations
APPROVED

mohammad
10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration



(95) Dibenzo(a,h)anthracene

29.324min (-0.068) 2.46 ng/ul m 10/05/21 JU

response 24758

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	14.10	11.79
279.00	22.90	19.09
0.00	0.00	0.00

Quantitation Report (Qedit)

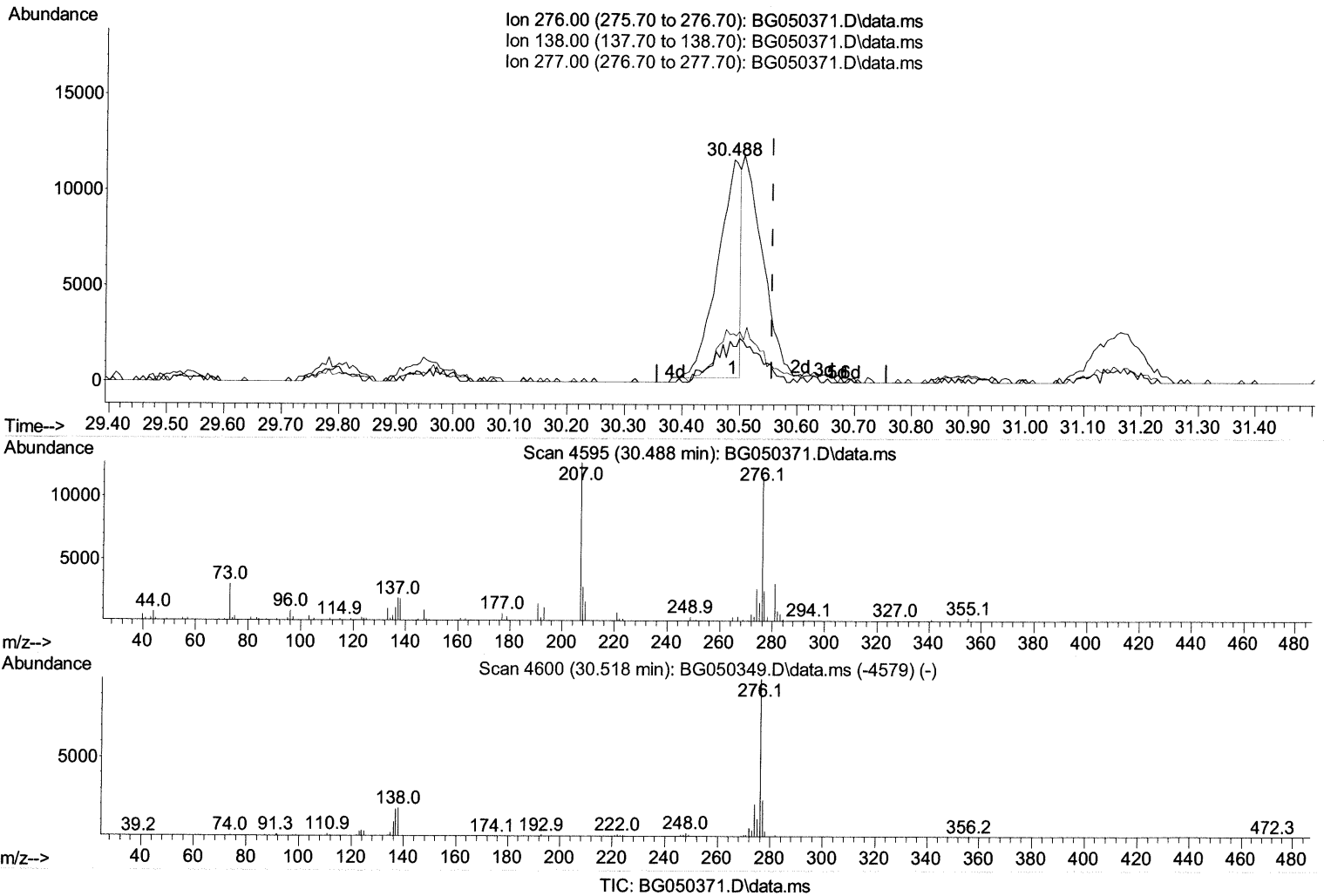
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



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

30.488min (-0.068) 3.21 ng/ul

response 31974

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	16.07
277.00	22.40	21.86
0.00	0.00	0.00

Quantitation Report (Qedit)

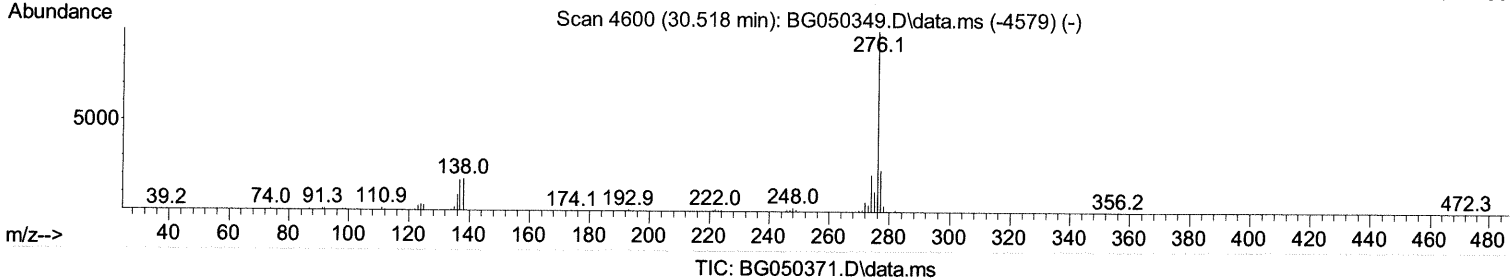
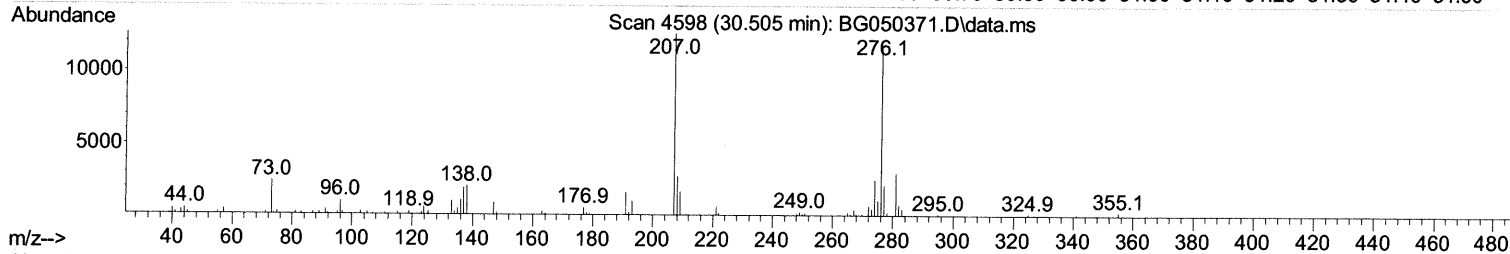
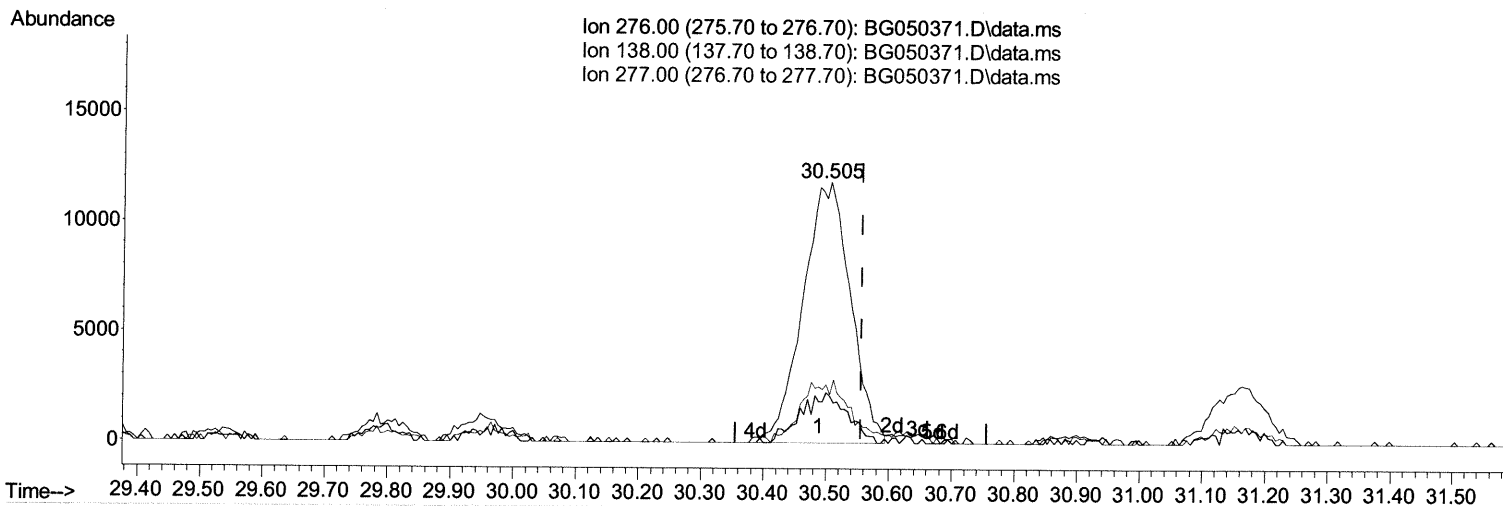
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration



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

30.505min (-0.050) 6.28 ng/ul m 10/05/21 54

response 62568

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	17.84
277.00	22.40	18.54
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM

Quant Time: Oct 02 01:55:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	34021	20.000	ng/ul	0.00
20) Naphthalene-d8	11.093	136	139522	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.888	164	92196	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.626	188	198685	20.000	ng/ul	0.00
79) Chrysene-d12	21.927	240	182376	20.000	ng/ul	-0.02
88) Perylene-d12	25.353	264	181263	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.637	96	2368m	2.557	ng/ul	0.00 10/05/21 JU
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.397	99	35247	11.858	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.579	67	27793	14.857	ng/ul	0.00
11) 2-Chlorophenol-d4	7.791	132	26285	12.621	ng/ul	0.00
15) 4-Methylphenol-d8	8.960	113	18935	8.416	ng/ul	0.00
21) Nitrobenzene-d5	9.436	128	15268	15.643	ng/ul	0.00
24) 2-Nitrophenol-d4	10.165	143	14163	13.520	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.699	165	24207	11.703	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	20236	6.848	ng/ul	0.00
46) Dimethylphthalate-d6	14.277	166	85789	13.596	ng/ul	-0.02
49) Acenaphthylene-d8	14.583	160	118977	15.015	ng/ul	0.00
54) 4-Nitrophenol-d4	15.047	143	7076	5.823	ng/ul	0.00
60) Fluorene-d10	15.876	176	83552	14.698	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.975	200	6775	6.837	ng/ul	0.00
73) Anthracene-d10	17.726	188	116340m	13.860	ng/ul	0.00 10/05/21 JU
81) Pyrene-d10	20.000	212	159732	16.471	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.112	264	139326	15.286	ng/ul	-0.03
Target Compounds						
					Qvalue	
52) Acenaphthene	14.947	153	16700	3.144	ng/ul	94
56) Dibenzofuran	15.282	168	11108	1.438	ng/ul	97
61) Fluorene	15.928	166	20364	3.313	ng/ul	94
72) Phenanthrene	17.673	178	313362	31.596	ng/ul	98
74) Anthracene	17.762	178	72940	7.426	ng/ul	99
77) Carbazole	18.026	167	29908	3.402	ng/ul	97
80) Fluoranthene	19.671	202	439044	36.051	ng/ul	99
82) Pyrene	20.029	202	358332	29.838	ng/ul	98
85) Benzo(a)anthracene	21.910	228	188780	17.170	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.792	149	19053	2.995	ng/ul#	95
87) Chrysene	21.980	228	166017	15.756	ng/ul	100
90) Benzo(b)fluoranthene	24.266	252	176052	15.946	ng/ul	97
91) Benzo(k)fluoranthene	24.330	252	72289m	7.036	ng/ul	10/05/21 JU
93) Benzo(a)pyrene	25.188	252	130404	12.379	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.272	276	78839	6.666	ng/ul	98
95) Dibenzo(a,h)anthracene	29.324	278	24758m	2.460	ng/ul	
96) Benzo(g,h,i)perylene	30.505	276	62568m	6.275	ng/ul	10/05/21 JU

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