

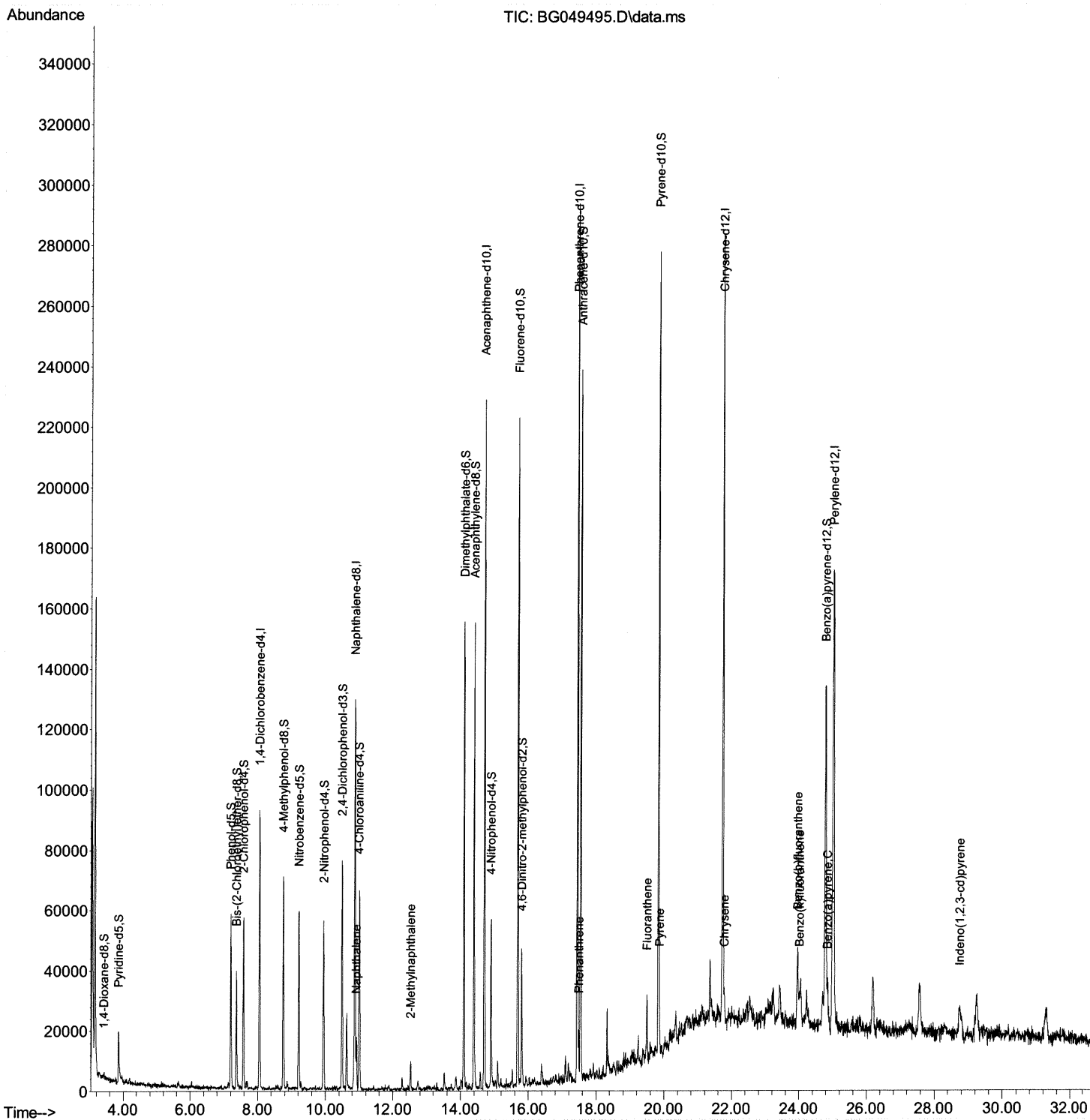
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049495.D
Acq On : 27 Jul 2021 2:17
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0002

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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



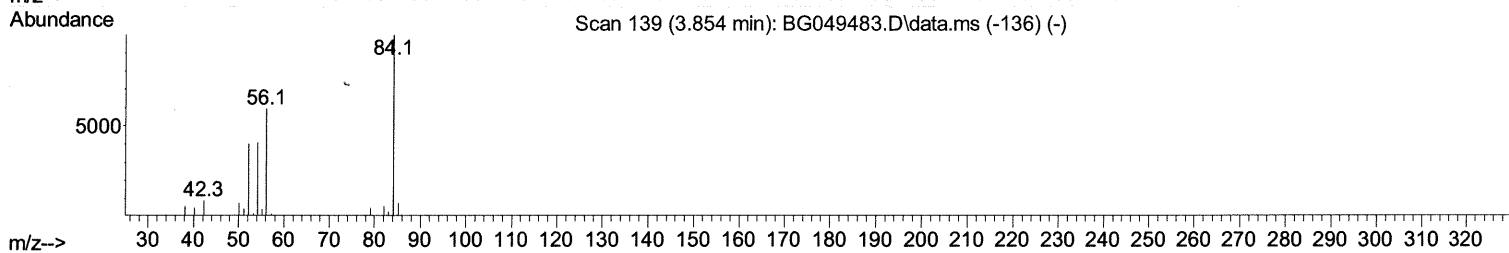
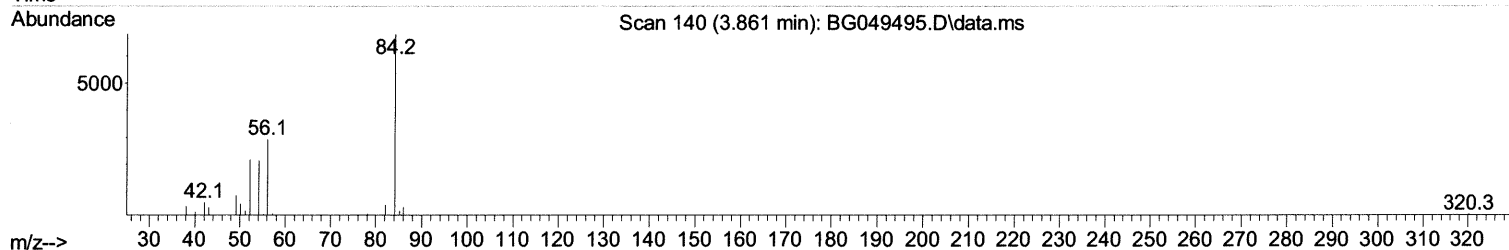
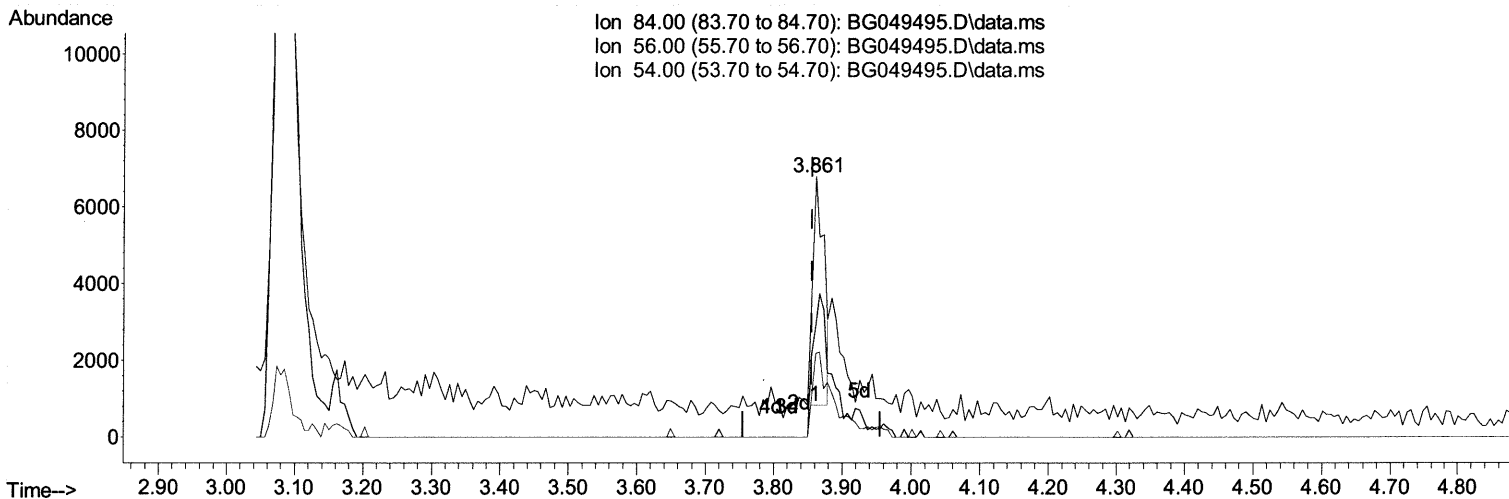
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049495.D
Acq On : 27 Jul 2021 2:17
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0002

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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: BG049495.D\data.ms

(4) Pyridine-d5 (S)

3.861min (+ 0.006) 4.60 ng/ul

response 6977

Ion	Exp%	Act%
-----	------	------

84.00	100.00	100.00
-------	--------	--------

56.00	58.50	43.09#
-------	-------	--------

54.00	34.10	31.94
-------	-------	-------

0.00	0.00	0.00
------	------	------

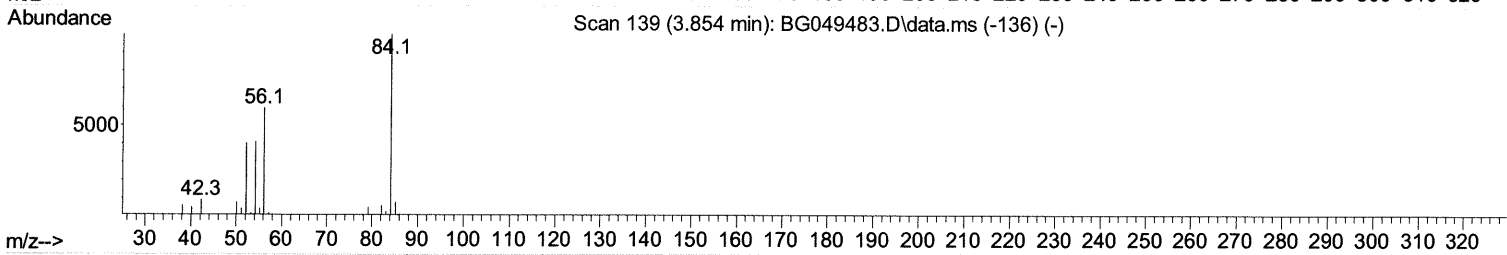
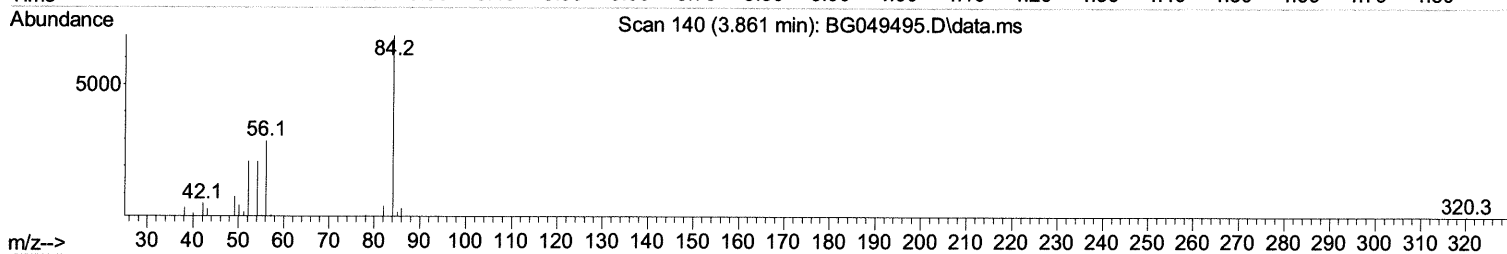
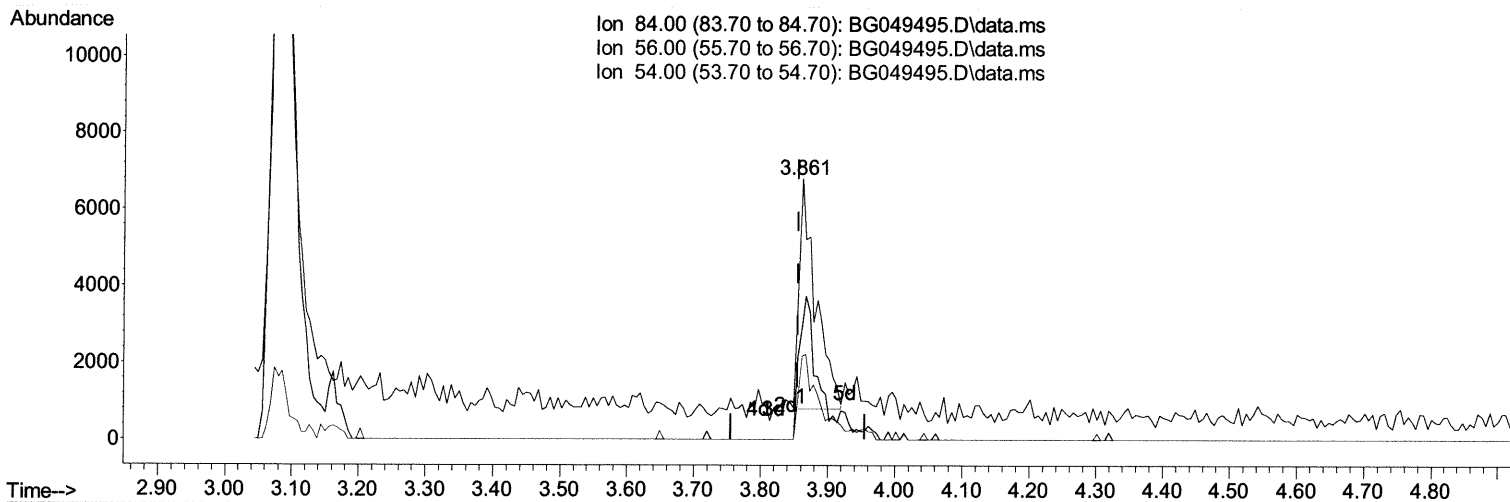
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049495.D
Acq On : 27 Jul 2021 2:17
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0002

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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: BG049495.D\data.ms

(4) Pyridine-d5 (S)

3.861min (+ 0.006) 6.80 ng/ul m 07/29/21 JU

response 10304

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	43.09#
54.00	34.10	31.94
0.00	0.00	0.00

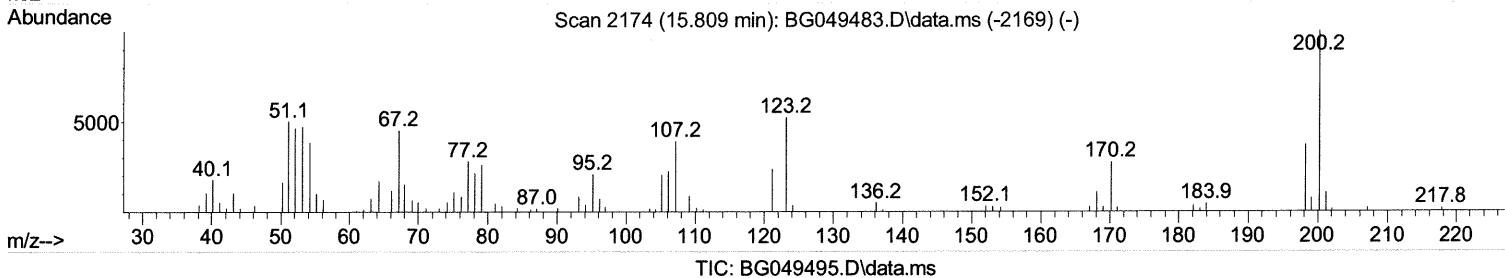
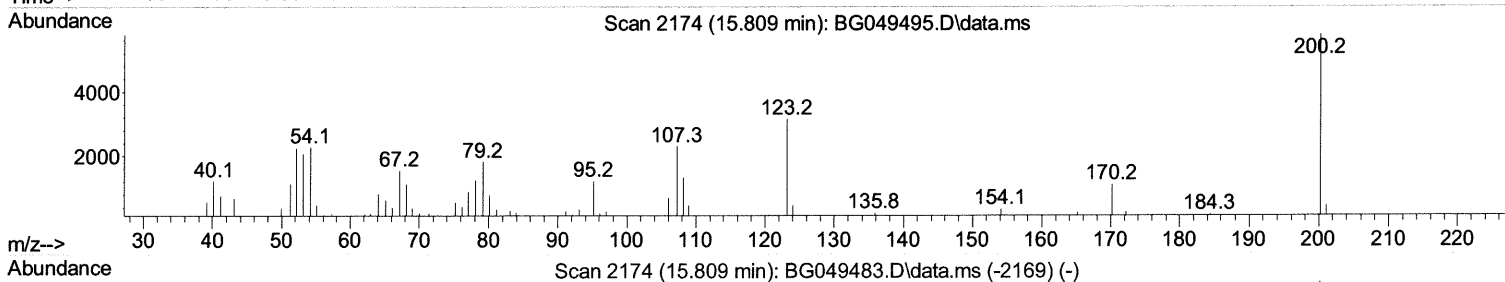
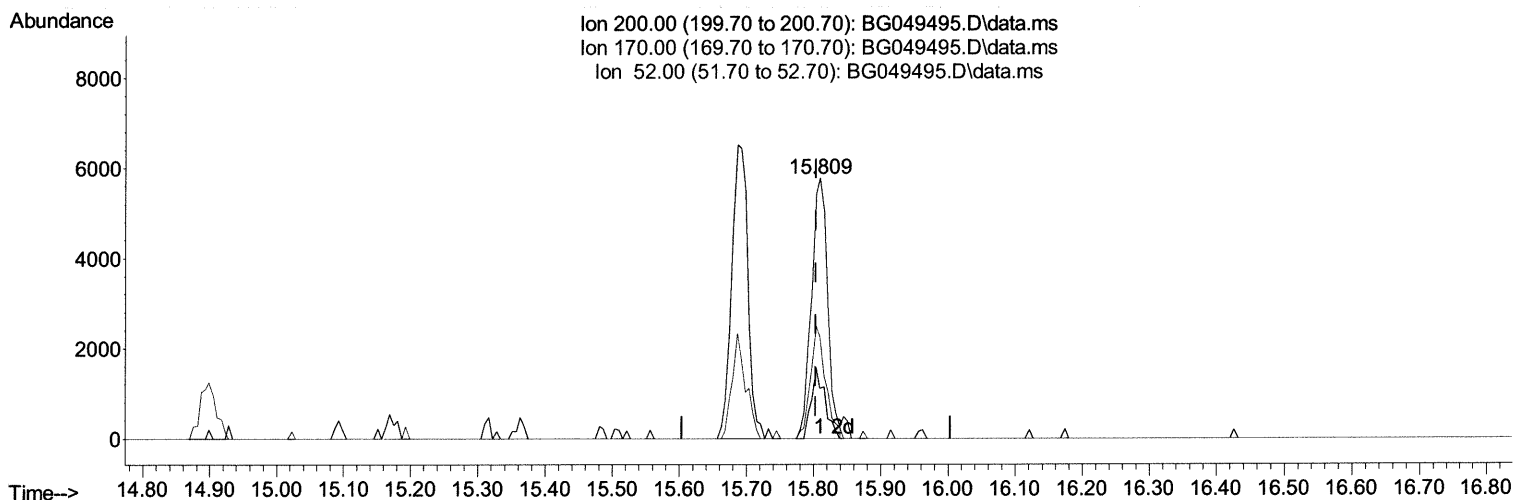
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049495.D
Acq On : 27 Jul 2021 2:17
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0002

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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



(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.809min (+ 0.006) 8.80 ng/ul

response 9585

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.70	19.31#
52.00	52.30	39.05#
0.00	0.00	0.00

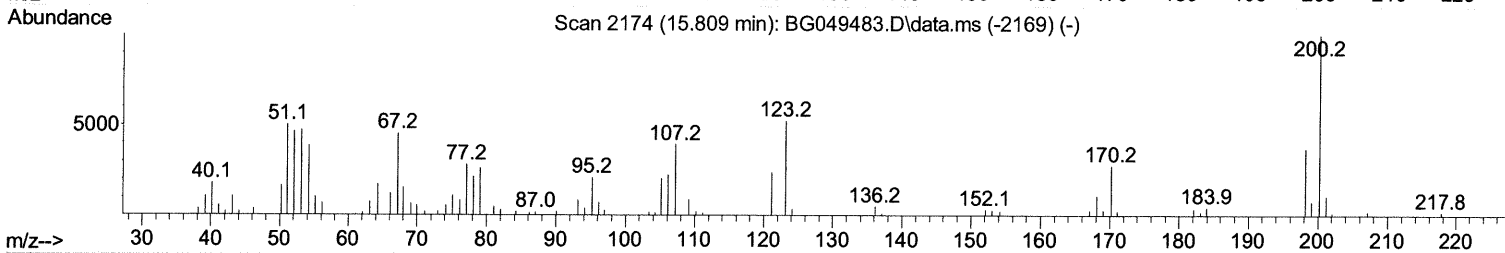
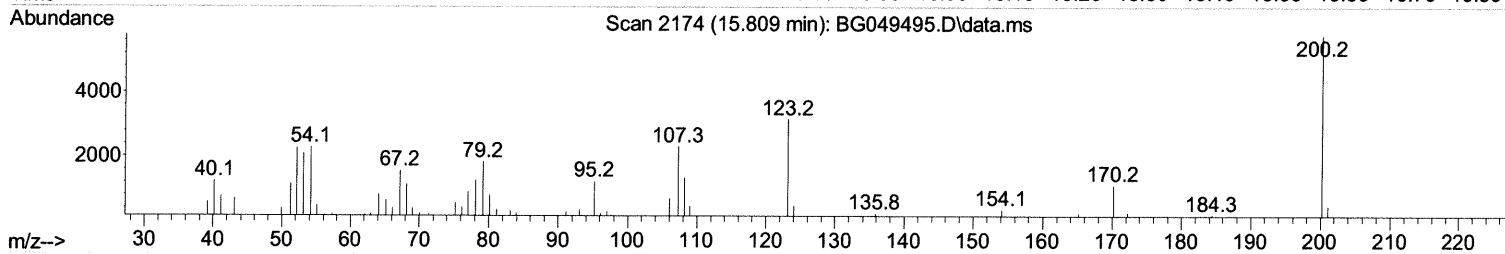
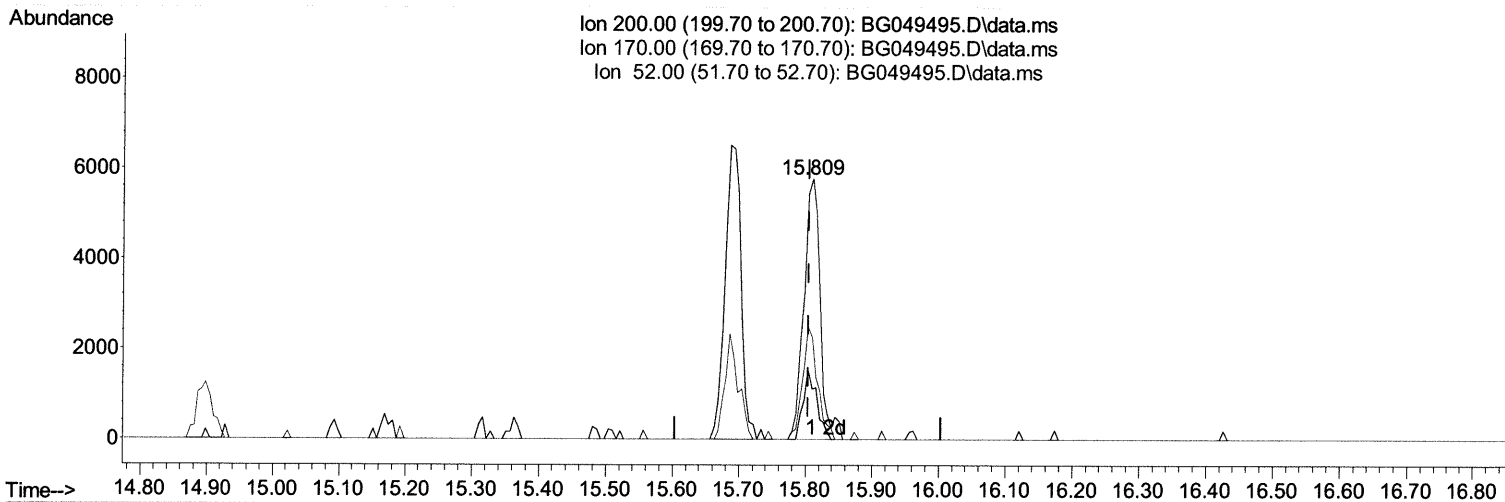
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049495.D
Acq On : 27 Jul 2021 2:17
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0002

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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: BG049495.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.809min (+ 0.006) 9.09 ng/ul m 07/29/21 JU

response 9893

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	25.70	19.31#
52.00	52.30	39.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

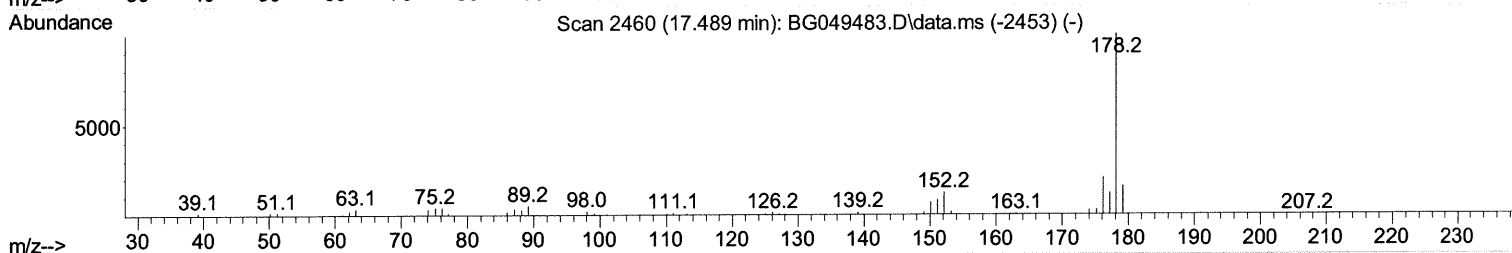
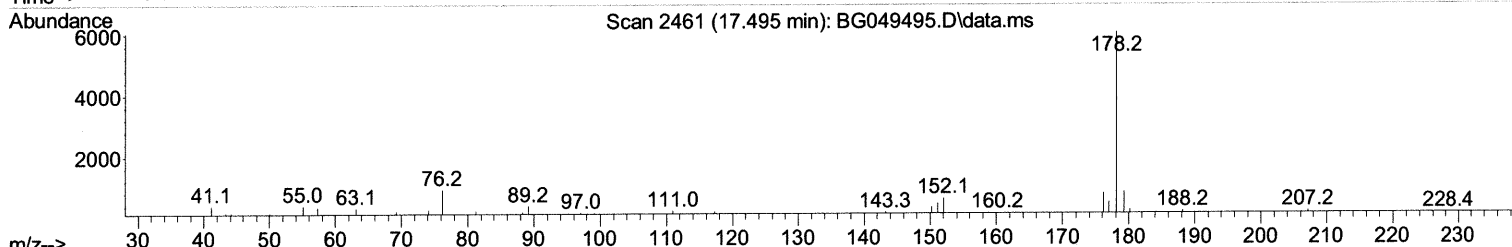
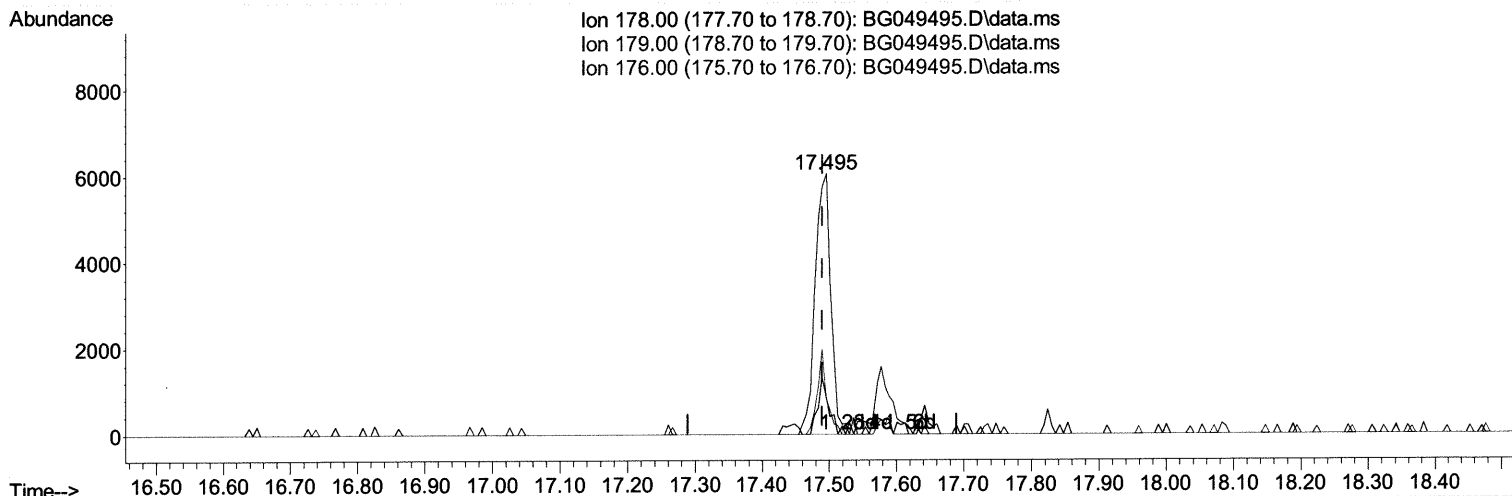
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049495.D
Acq On : 27 Jul 2021 2:17
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0002

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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: BG049495.D\data.ms

(72) Phenanthrene

17.495min (+ 0.006) 1.06 ng/ul

response 9740

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	14.13
176.00	18.80	13.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

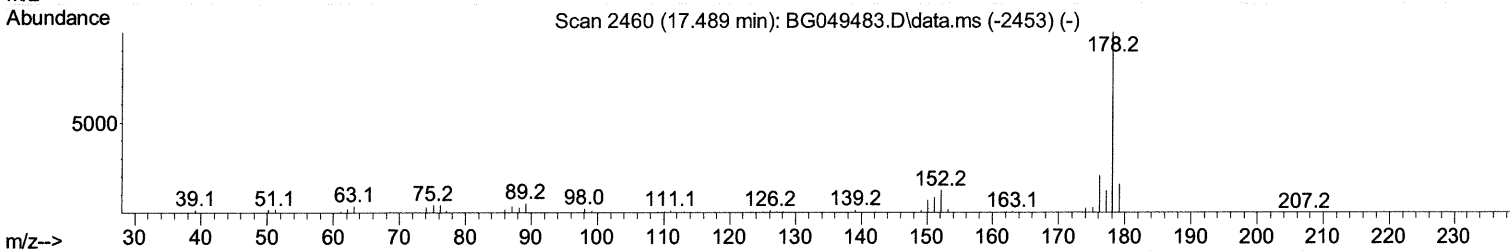
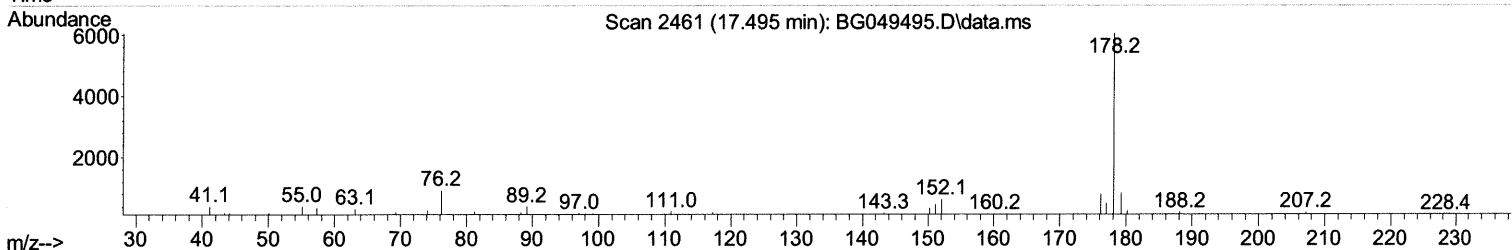
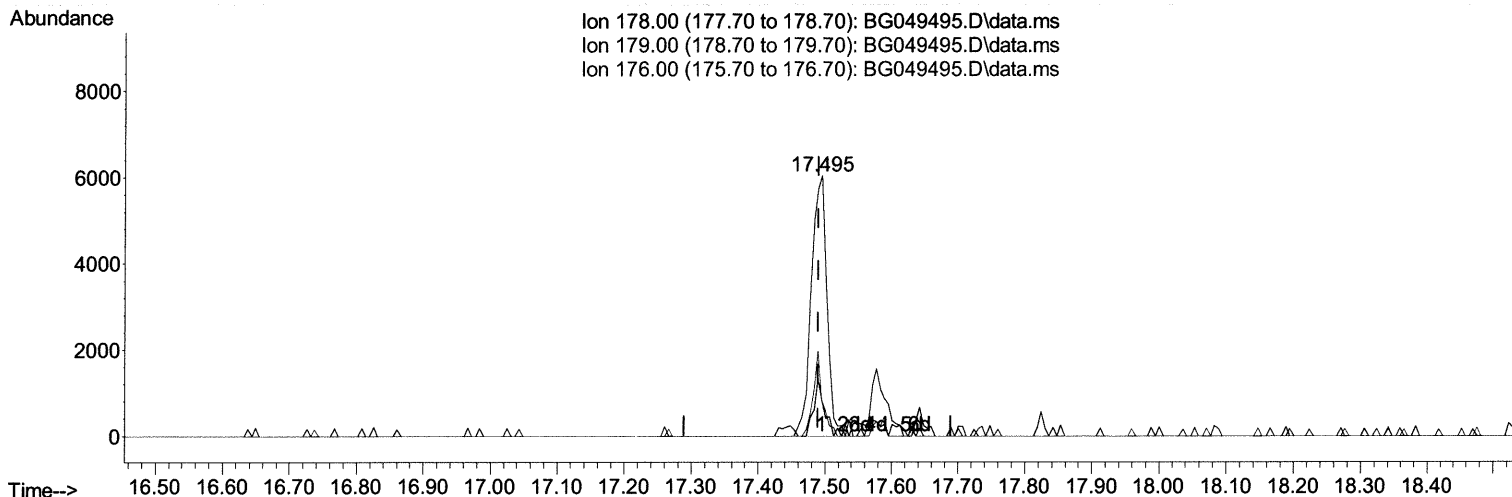
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049495.D
 Acq On : 27 Jul 2021 2:17
 Operator : CG/JU
 Sample : M3082-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0002

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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: BG049495.D\data.ms

(72) Phenanthrene

17.495min (+ 0.006) 1.07 ng/ul m 07/29/21 JU

response 9822

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	14.13
176.00	18.80	13.48#
0.00	0.00	0.00

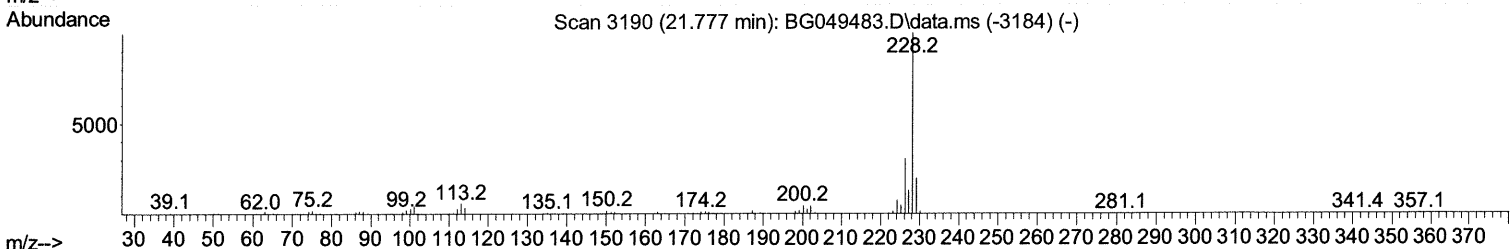
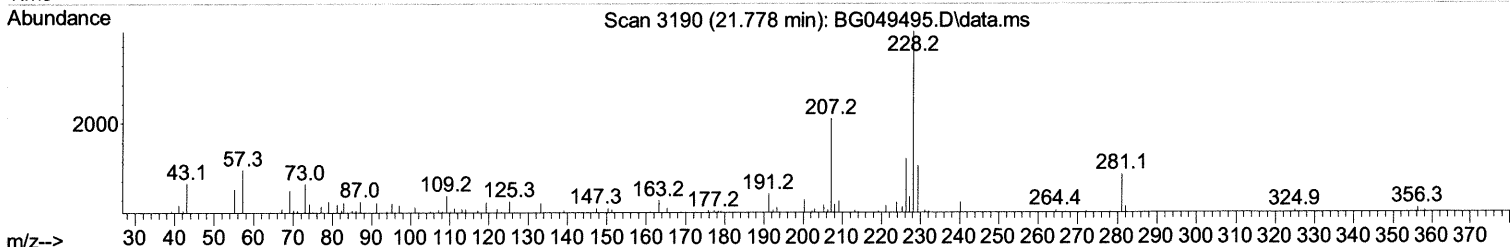
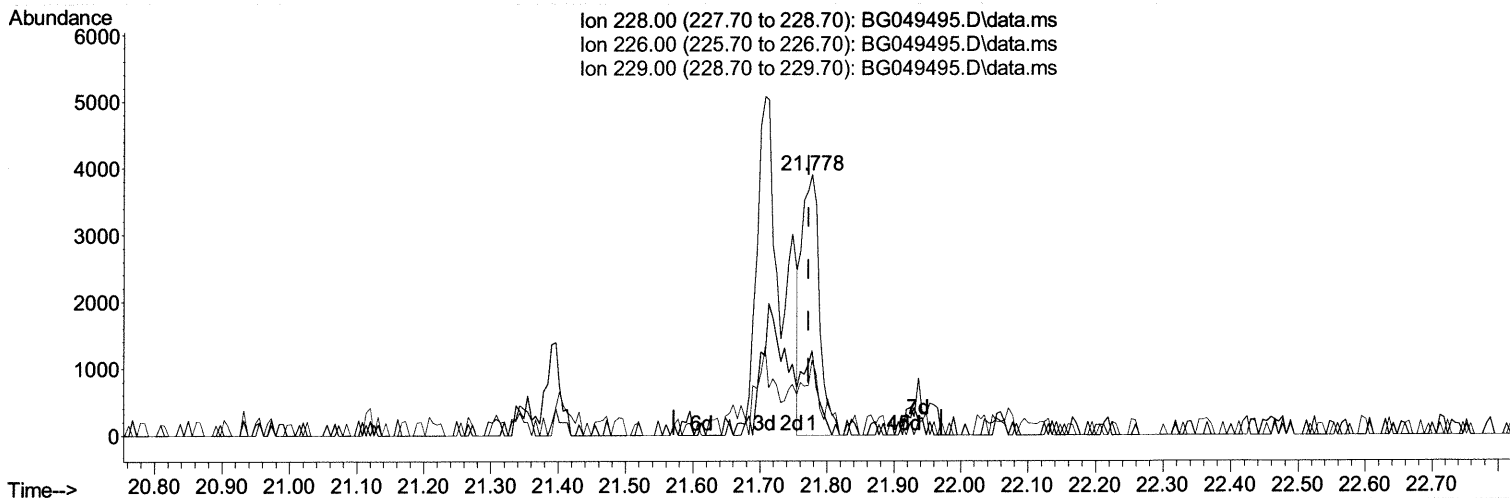
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049495.D
Acq On : 27 Jul 2021 2:17
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0002

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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: BG049495.D\data.ms

(87) Chrysene

21.778min (+ 0.006) 0.79 ng/ul

response 7268

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	32.42
229.00	18.60	28.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

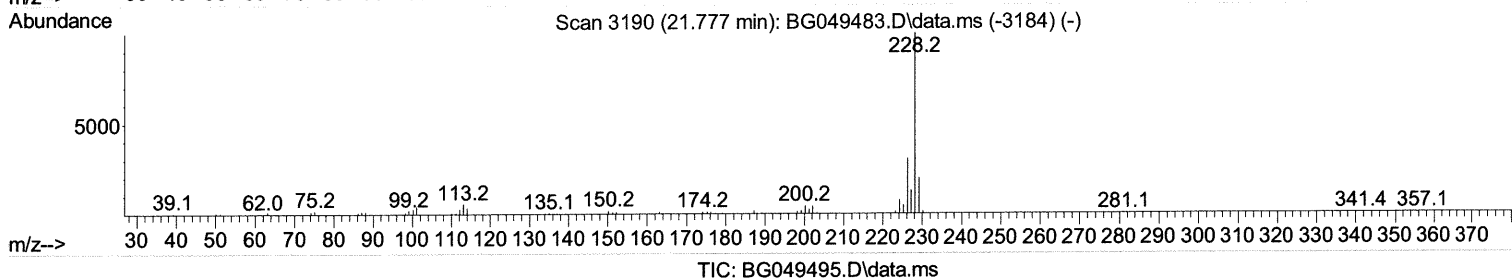
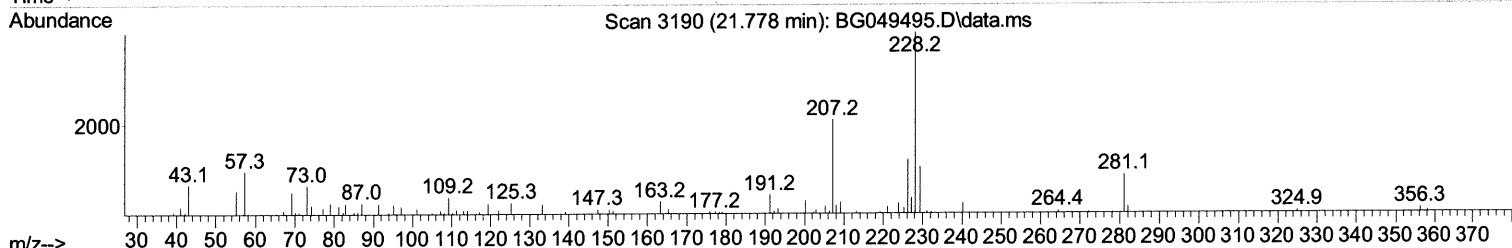
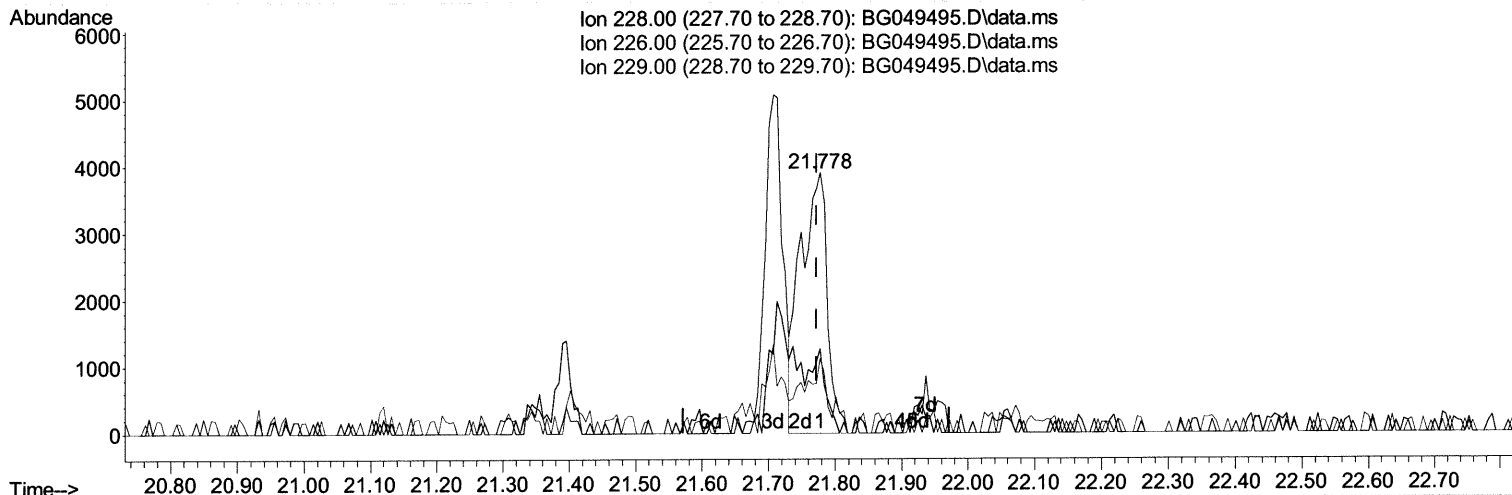
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049495.D
 Acq On : 27 Jul 2021 2:17
 Operator : CG/JU
 Sample : M3082-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0002

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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



(87) Chrysene

21.778min (+ 0.006) 1.16 ng/ul m 07/29/21 JU

response 10764

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	32.42
229.00	18.60	28.55#
0.00	0.00	0.00

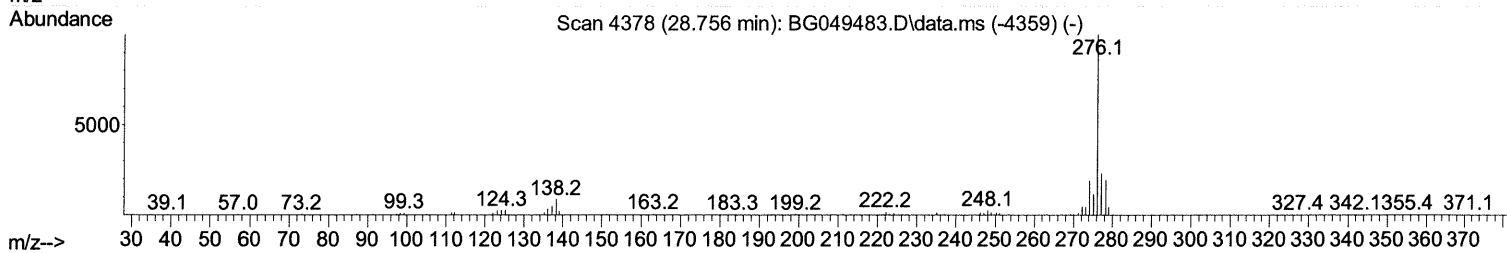
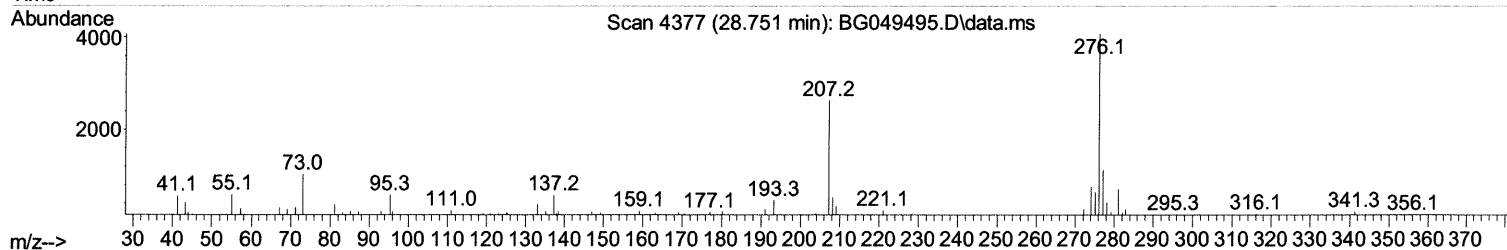
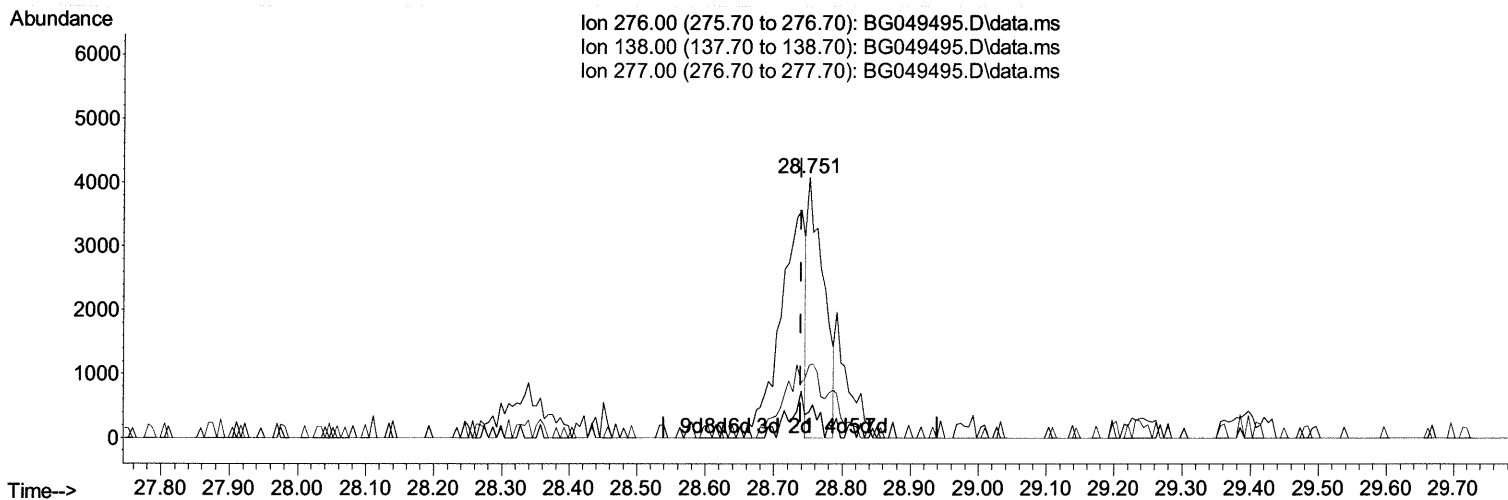
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049495.D
Acq On : 27 Jul 2021 2:17
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0002

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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: BG049495.D\data.ms

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

28.751min (+ 0.012) 0.58 ng/ul

response 6603

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	9.92
277.00	24.00	27.68
0.00	0.00	0.00

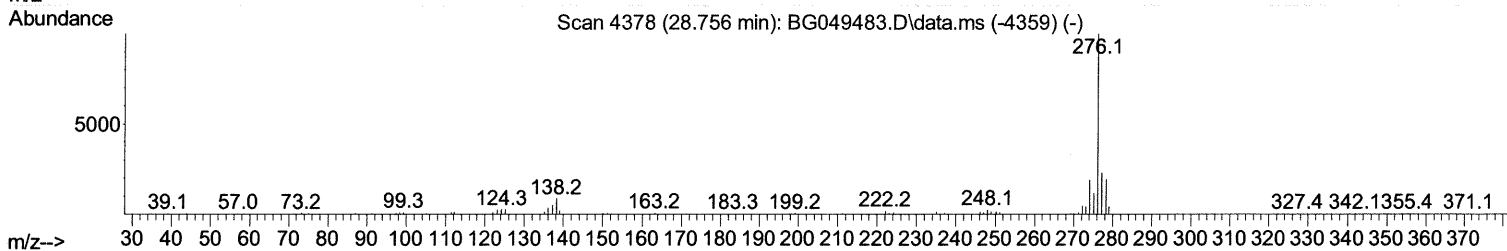
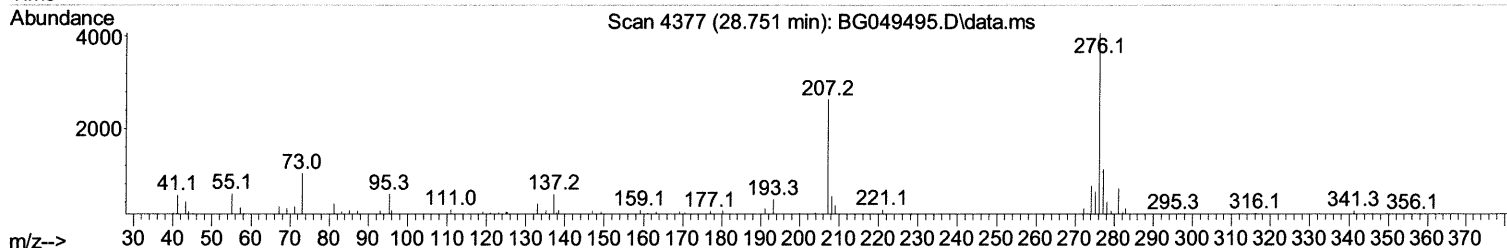
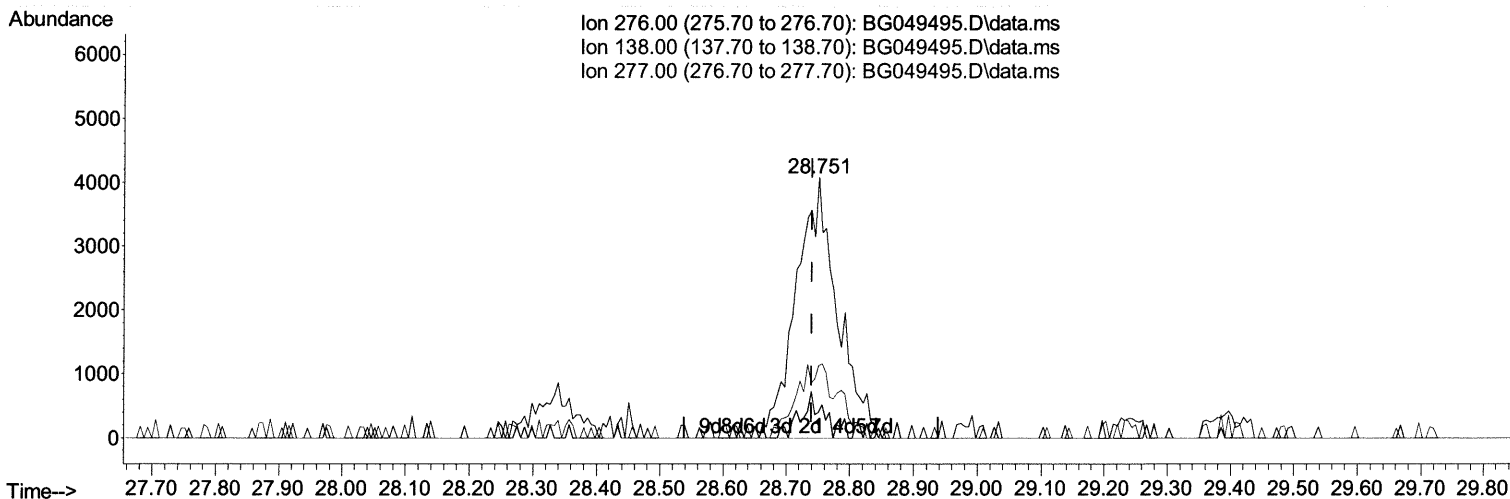
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049495.D
Acq On : 27 Jul 2021 2:17
Operator : CG/JU
Sample : M3082-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0002

Manual Integrations
APPROVED

mohammad
7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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: BG049495.D\data.ms

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

28.751min (+ 0.012) 1.60 ng/ul m 07/29/21 JU

response 18291

Ion	Exp%	Act%
-----	------	------

276.00	100.00	100.00
--------	--------	--------

138.00	9.10	5.67#
--------	------	-------

277.00	24.00	27.68
--------	-------	-------

0.00	0.00	0.00
------	------	------

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049495.D
 Acq On : 27 Jul 2021 2:17
 Operator : CG/JU
 Sample : M3082-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0002

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:07:20 PM

Quant Time: Jul 27 05:29:15 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	8.049	152	24143	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	105144	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	79281	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	175708	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	158133	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	164526	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	1214	2.300	ng/ul	0.00
4) Pyridine-d5	3.861	84	10304m	6.798	ng/ul	> 0.0007/29/21 JU
7) Phenol-d5	7.203	99	30670	14.358	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	18524	15.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	24023	15.689	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	25554	15.871	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	12478	15.436	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	15456	16.316	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	26787	15.548	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	33294	13.866	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	97519	16.058	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	113170	16.044	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	11796	11.795	ng/ul	0.01
60) Fluorene-d10	15.692	176	85287	16.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	9893m	9.086	ng/ul	> 0.0007/29/21 JU
73) Anthracene-d10	17.548	188	132993	16.286	ng/ul	0.00
81) Pyrene-d10	19.833	212	145149	17.951	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	124969	14.452	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.916	128	13134	2.425	ng/ul#	88
36) 2-Methylnaphthalene	12.525	142	4323	1.091	ng/ul	83
72) Phenanthrene	17.495	178	9822m	1.074	ng/ul	> 07/29/21 JU
80) Fluoranthene	19.498	202	12026	1.225	ng/ul	99
82) Pyrene	19.863	202	11794	1.210	ng/ul#	89
87) Chrysene	21.778	228	10764m	1.163	ng/ul	> 07/29/21 JU
90) Benzo(b)fluoranthene	23.963	252	25763	2.498	ng/ul#	96
91) Benzo(k)fluoranthene	24.022	252	10816	1.072	ng/ul#	92
93) Benzo(a)pyrene	24.844	252	15624	1.746	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.751	276	18291m	1.602	ng/ul	> 07/29/21 JU

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