

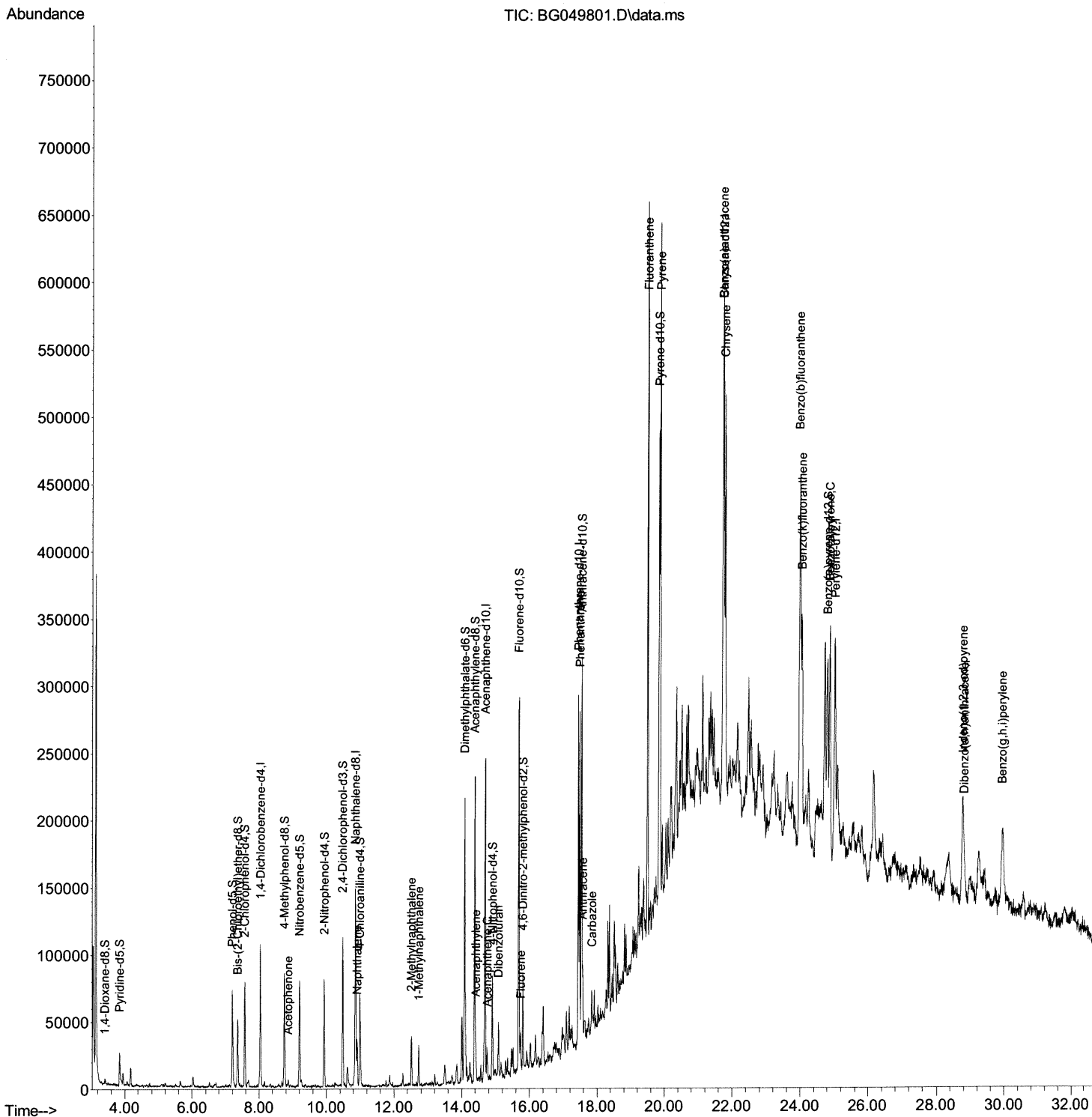
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



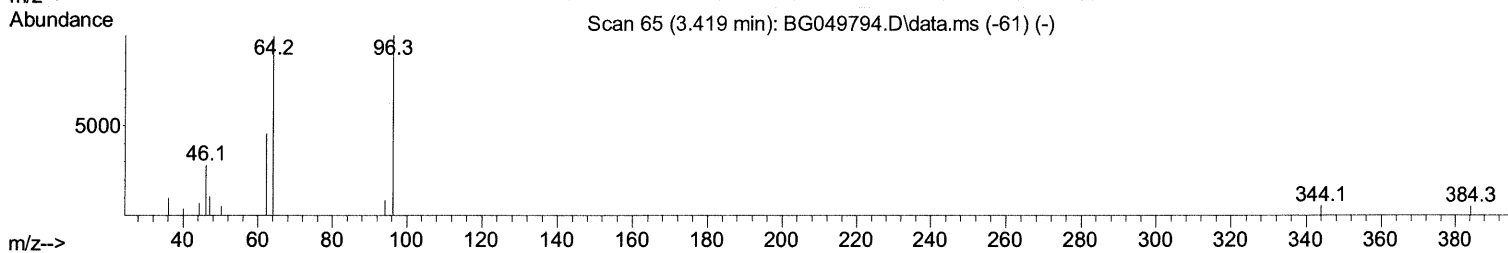
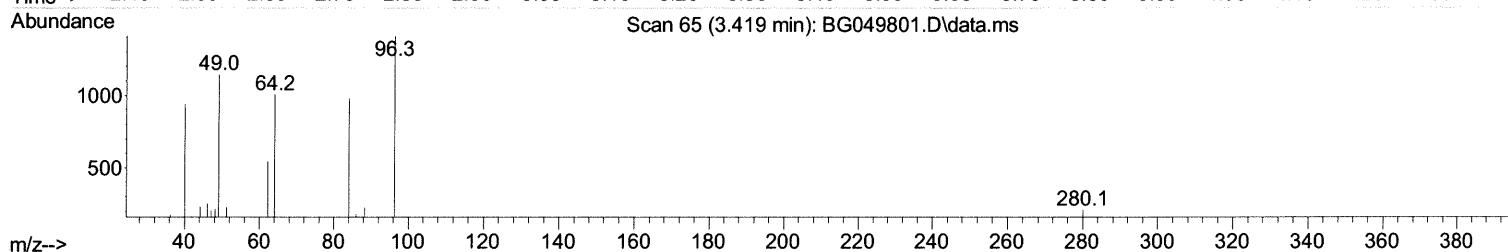
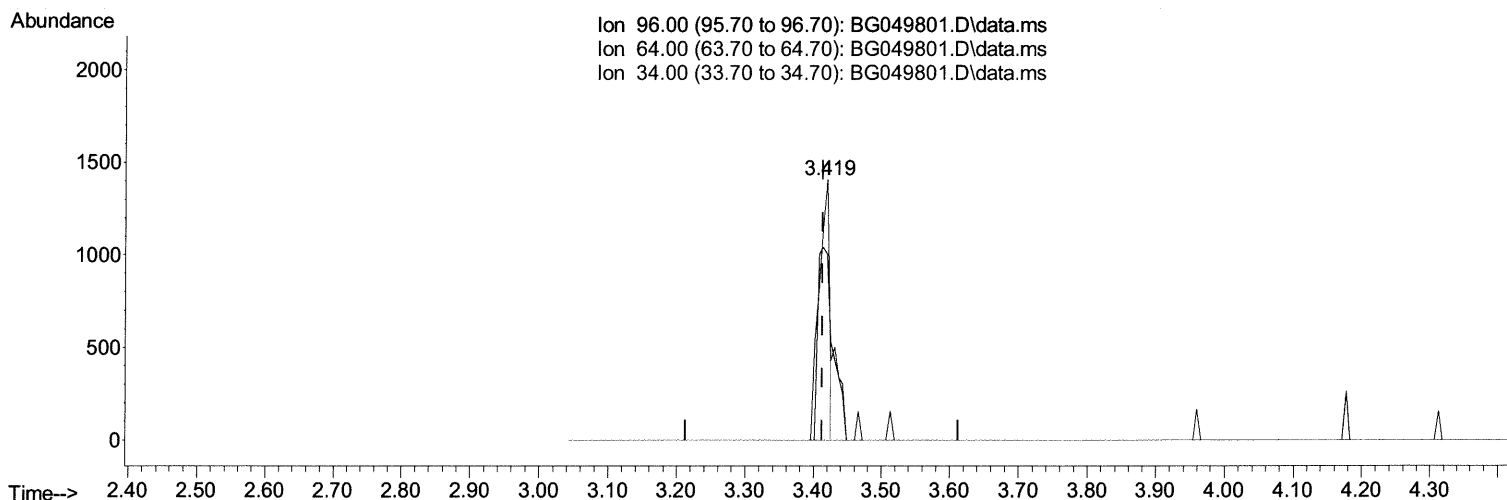
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

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

3.419min (+ 0.006) 2.51 ng/uL

response 1520

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	71.38
34.00	0.00	0.00
0.00	0.00	0.00

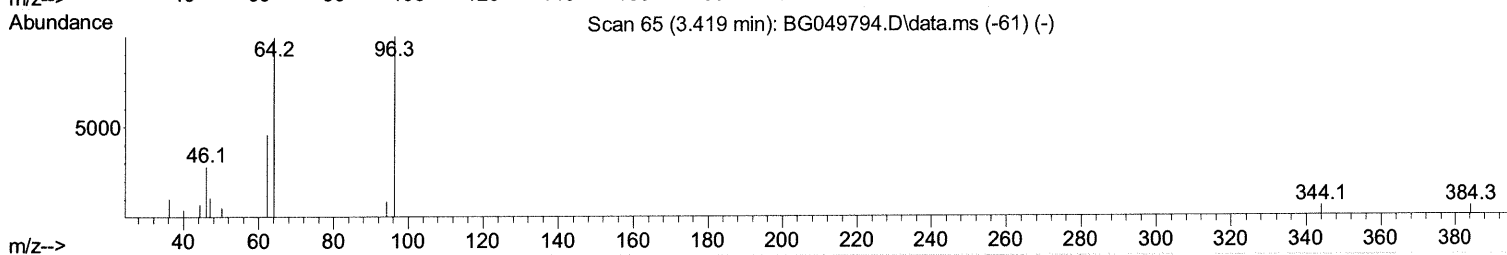
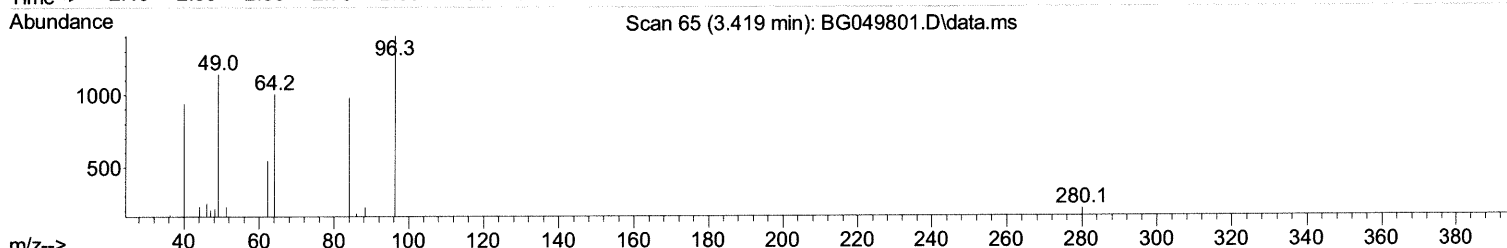
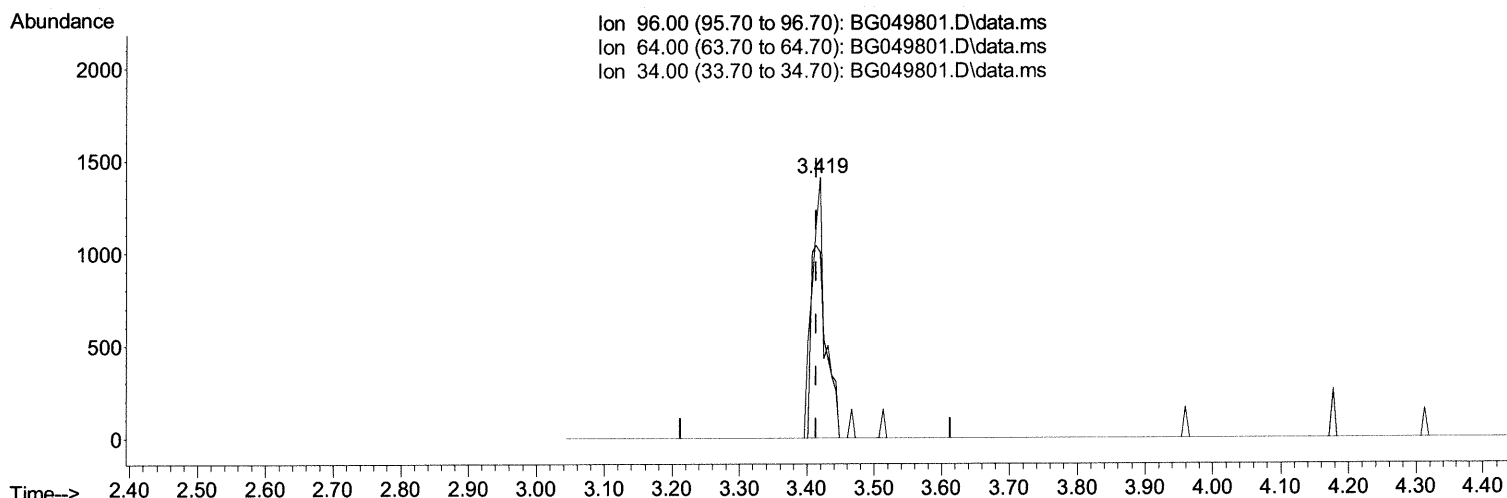
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



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

3.419min (+ 0.006) 3.15 ng/uL m

response 1904

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	71.38
34.00	0.00	0.00
0.00	0.00	0.00

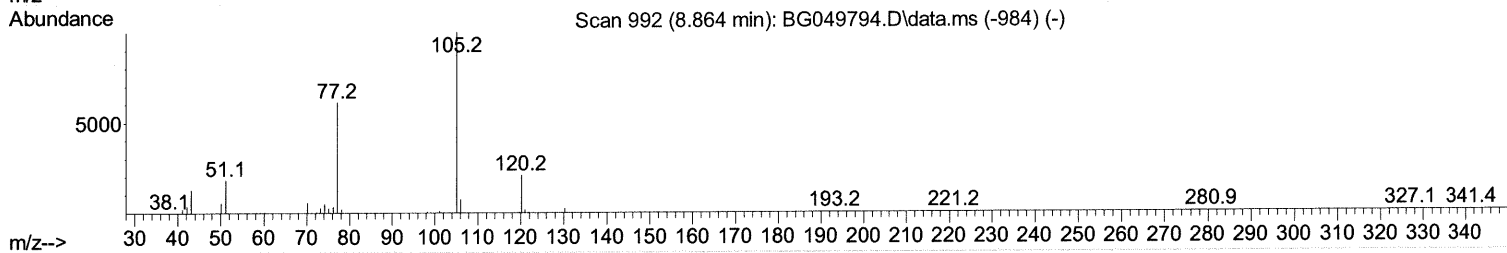
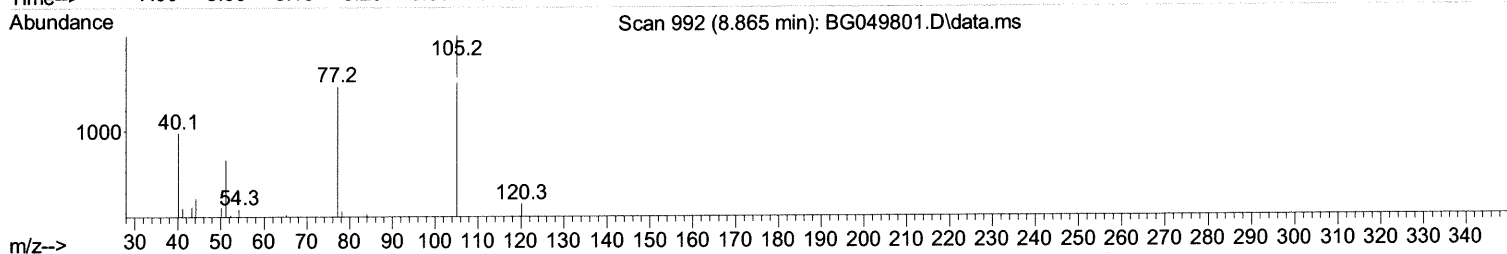
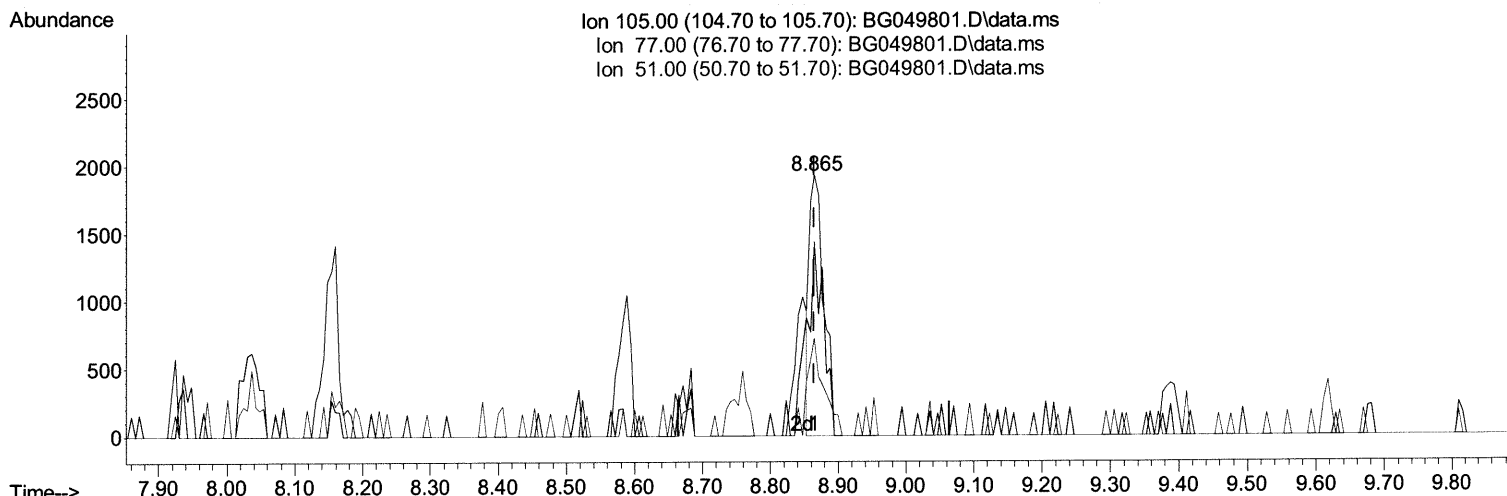
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

(16) Acetophenone

8.865min (+ 0.000) 0.86 ng/ul

response 2805

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	88.00	74.39
51.00	31.40	37.35
0.00	0.00	0.00

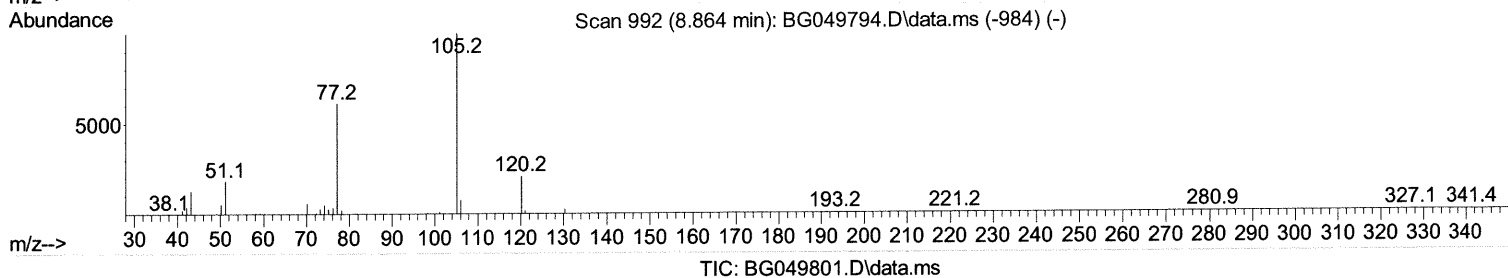
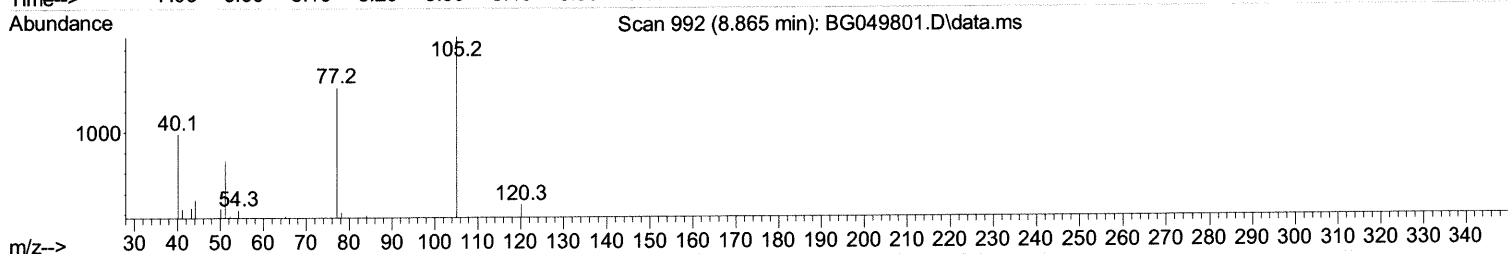
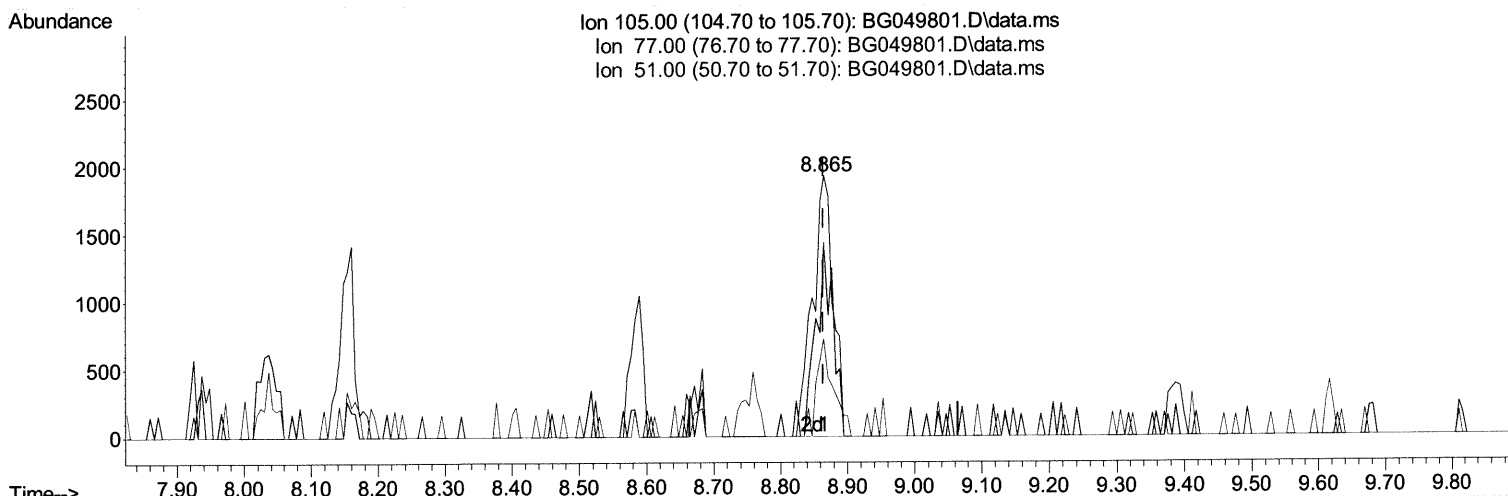
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



(16) Acetophenone

8.865min (+ 0.000) 1.25 ng/ul m

response 4071

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	88.00	74.39
51.00	31.40	37.35
0.00	0.00	0.00

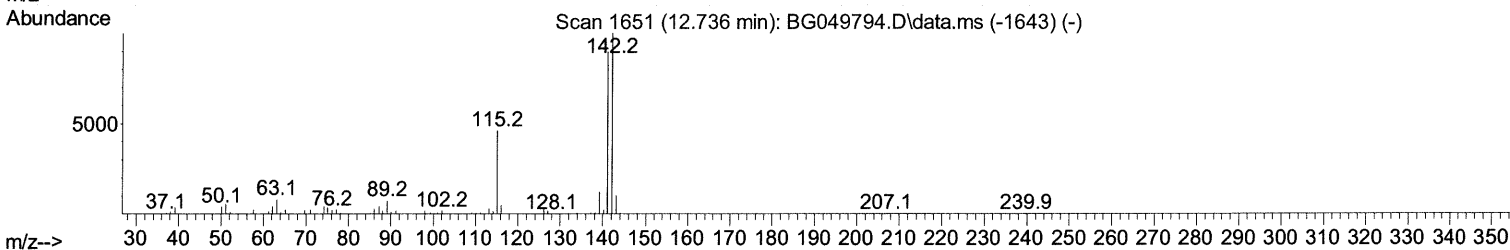
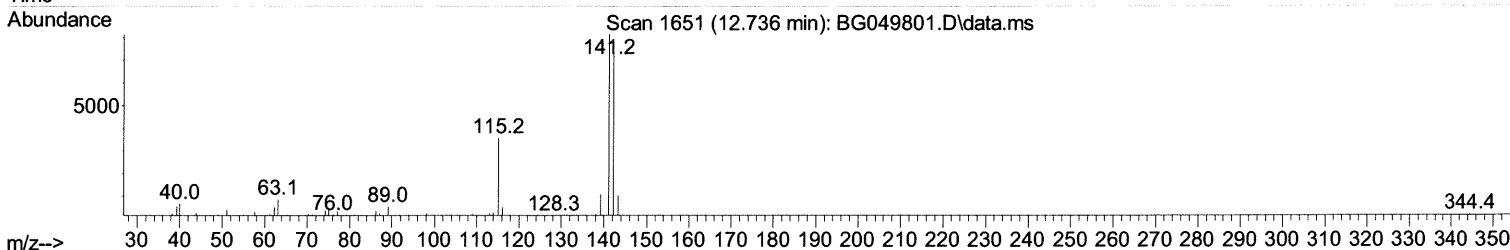
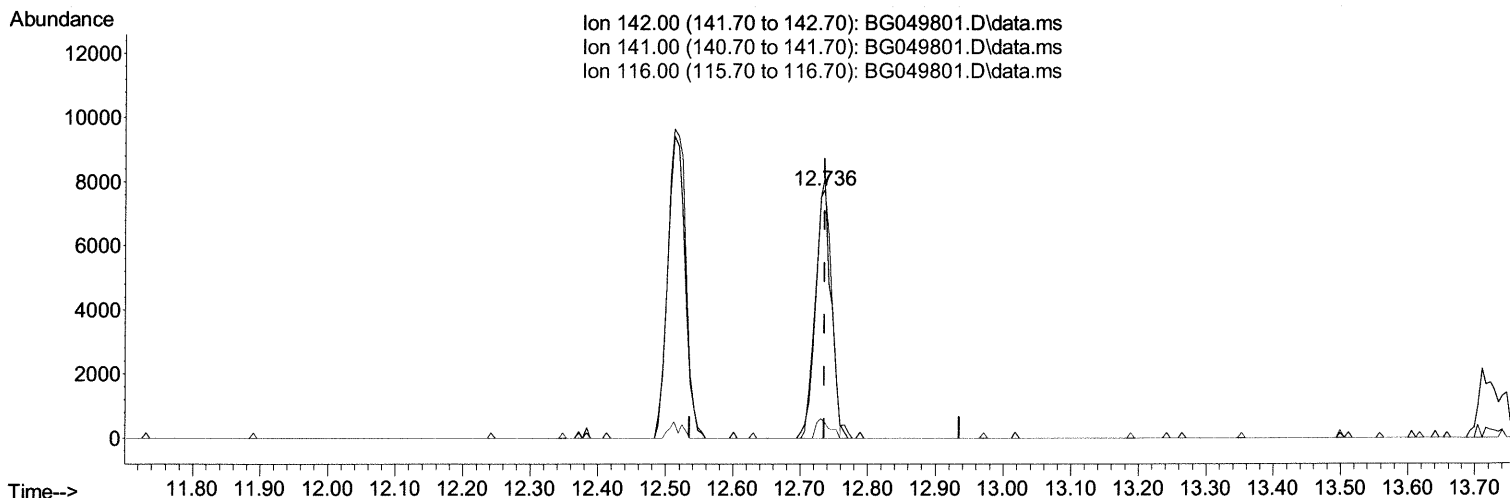
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

(37) 1-Methylnaphthalene

12.736min (+ 0.000) 2.75 ng/ul

response 13275

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.20	104.88
116.00	5.20	6.60#
0.00	0.00	0.00

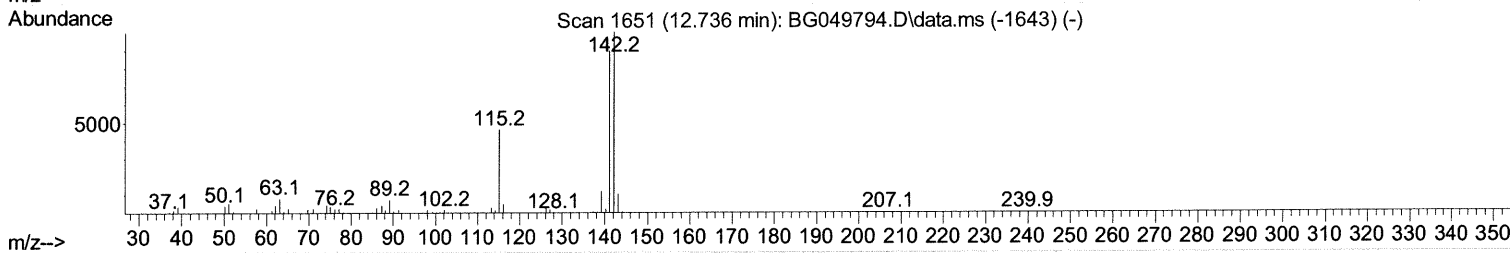
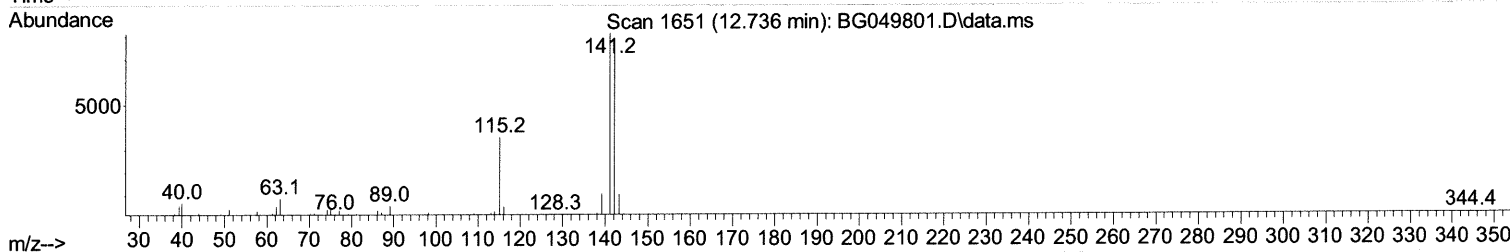
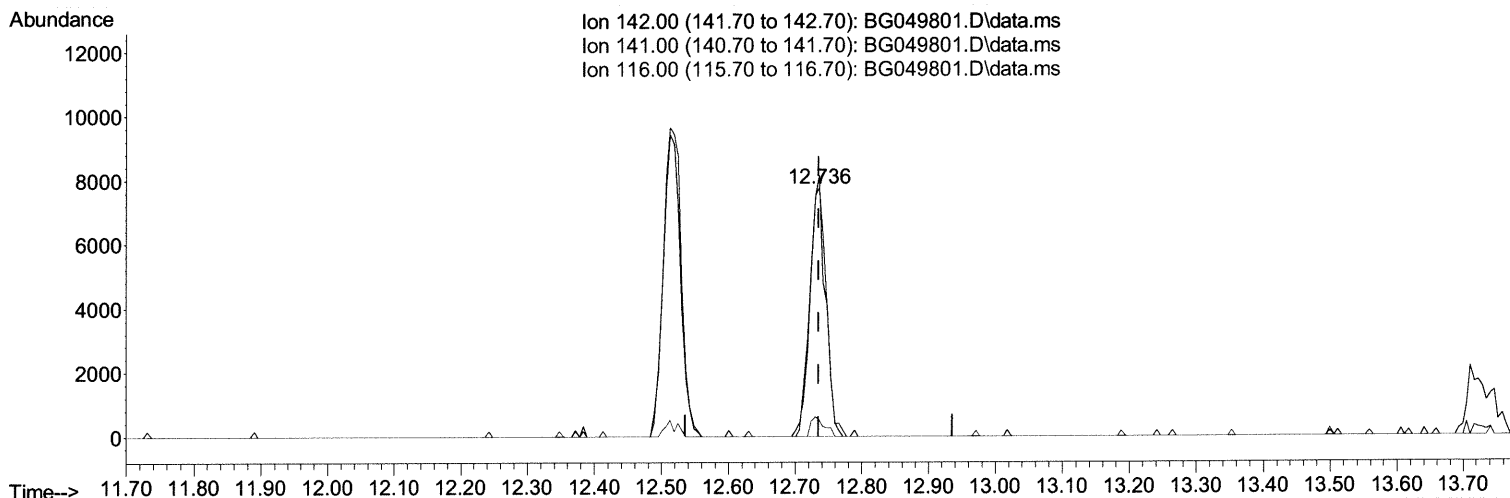
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

(37) 1-Methylnaphthalene

12.736min (+ 0.000) 2.79 ng/ul m

response 13485

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.20	104.88
116.00	5.20	6.60#
0.00	0.00	0.00

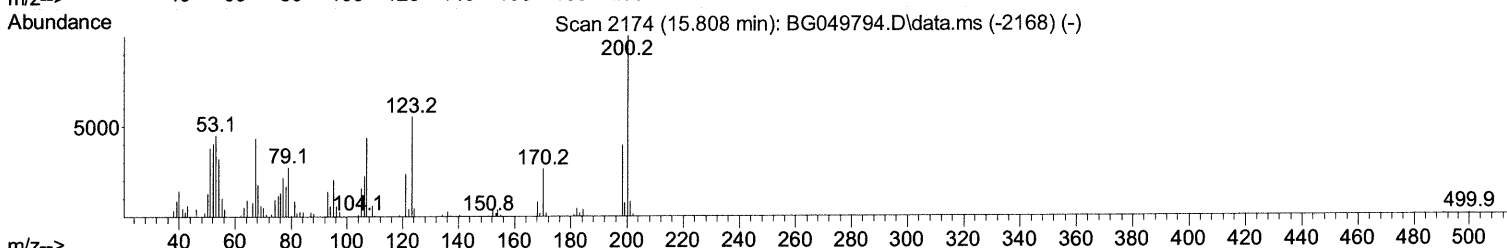
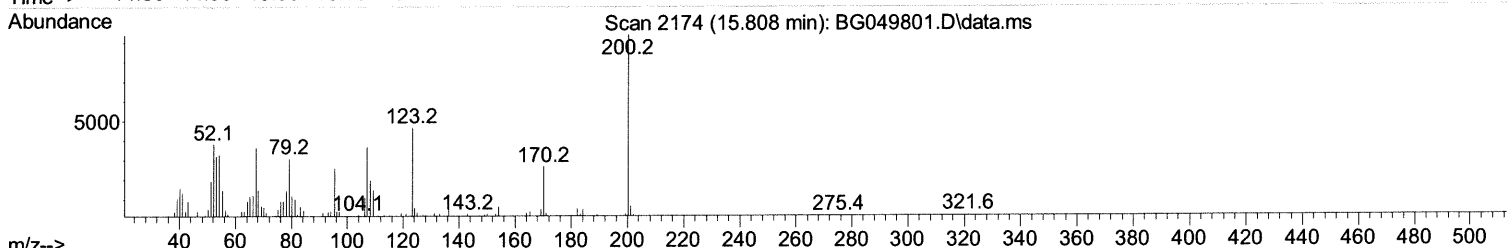
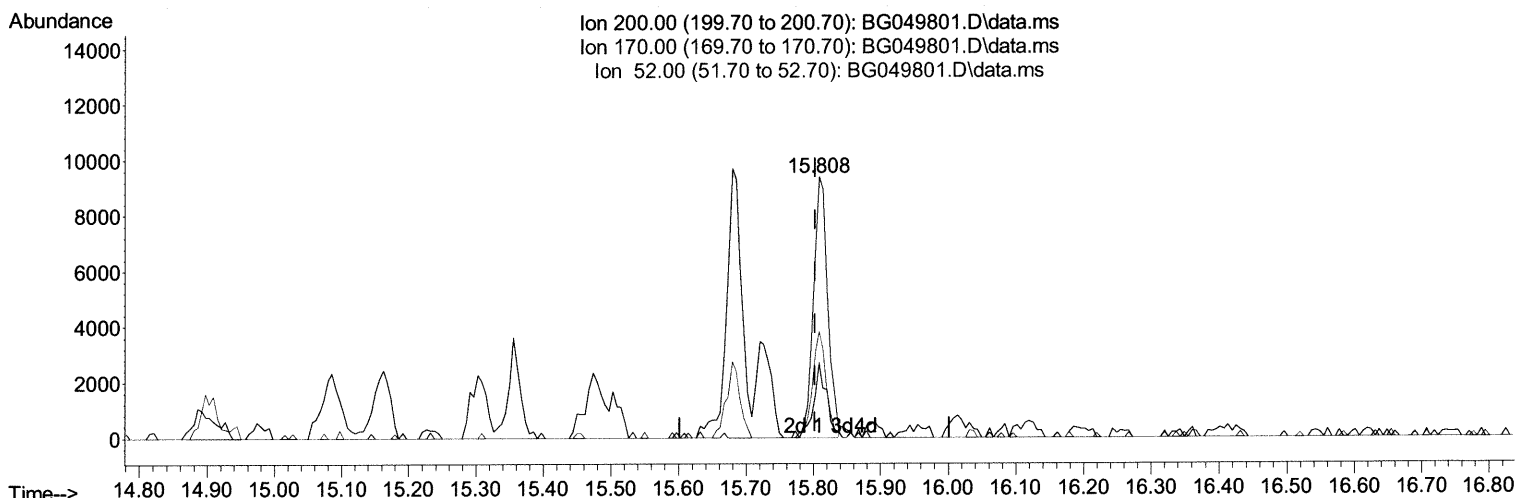
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

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

15.808min (+ 0.006) 13.51 ng/ul

response 14120

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.70	28.61#
52.00	46.60	40.64
0.00	0.00	0.00

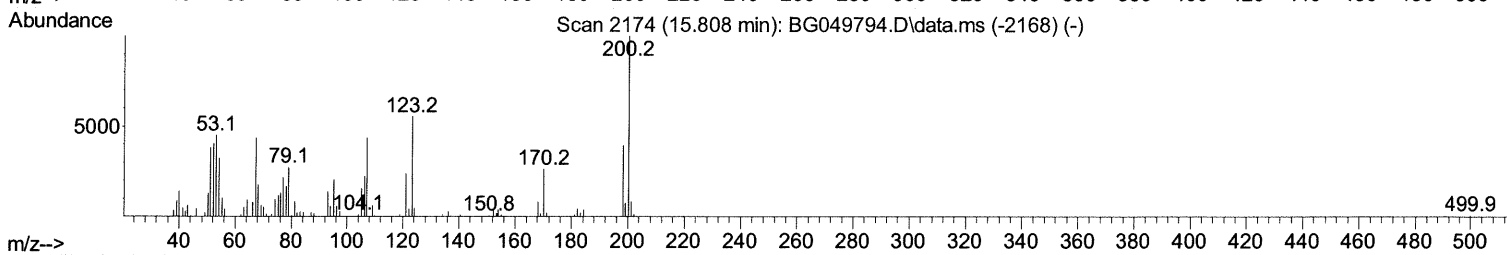
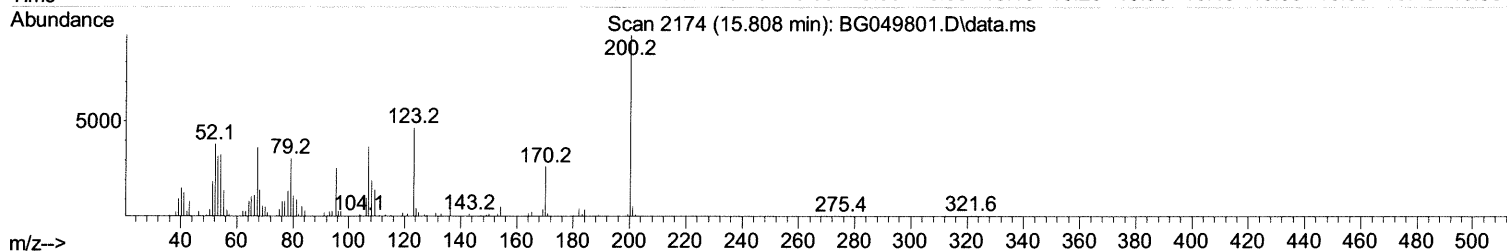
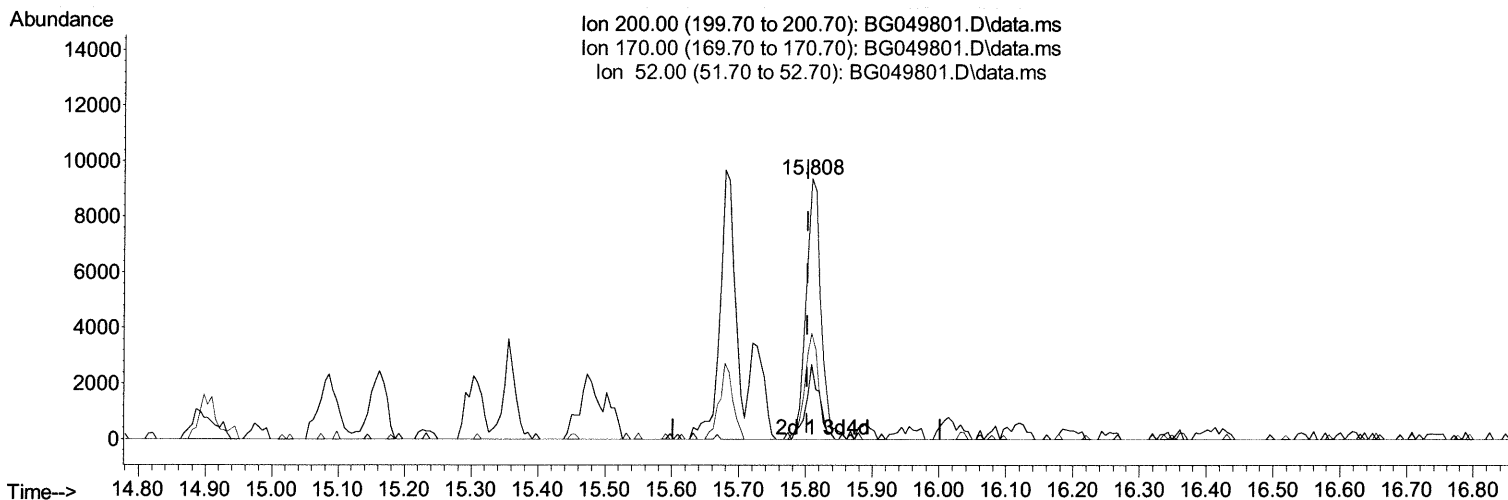
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

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

15.808min (+ 0.006) 13.81 ng/ul m

response 14435

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.70	28.61#
52.00	46.60	40.64
0.00	0.00	0.00

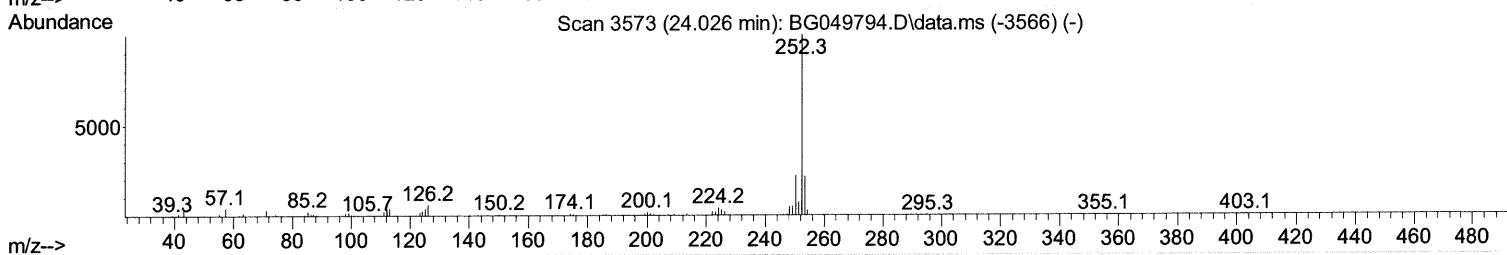
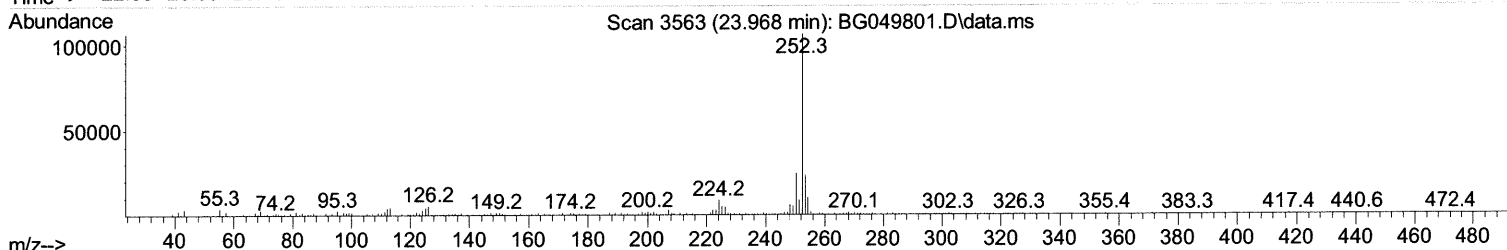
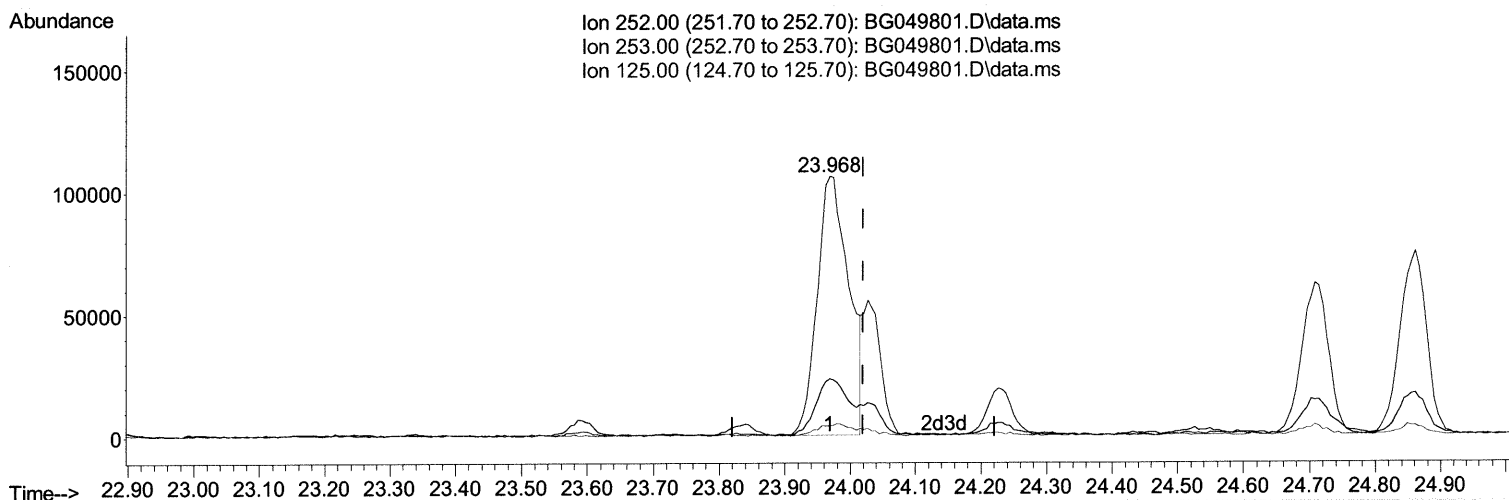
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

(91) Benzo(k)fluoranthene

23.968min (-0.053) 37.39 ng/u1

response 359358

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.26
125.00	4.80	4.24
0.00	0.00	0.00

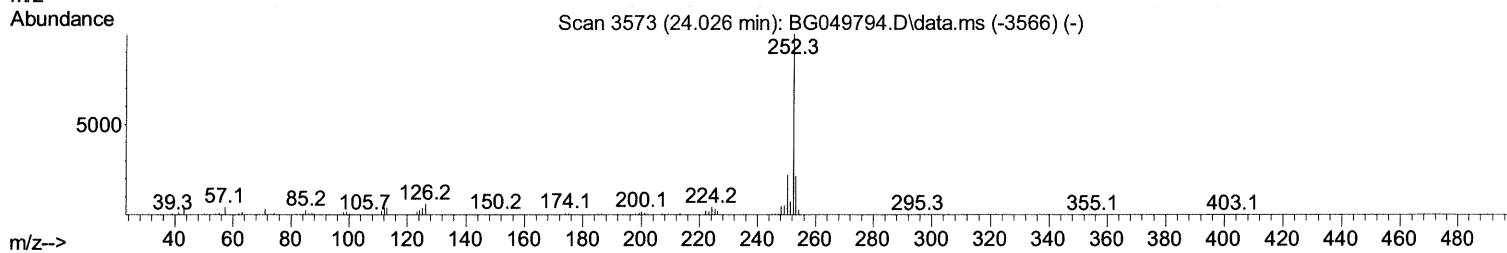
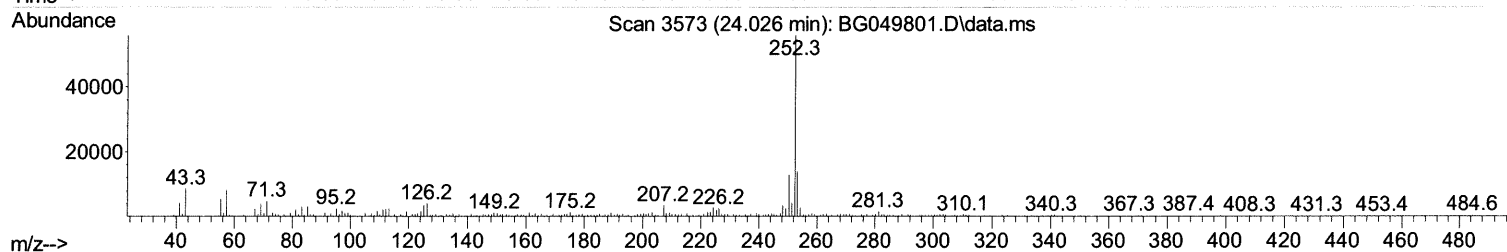
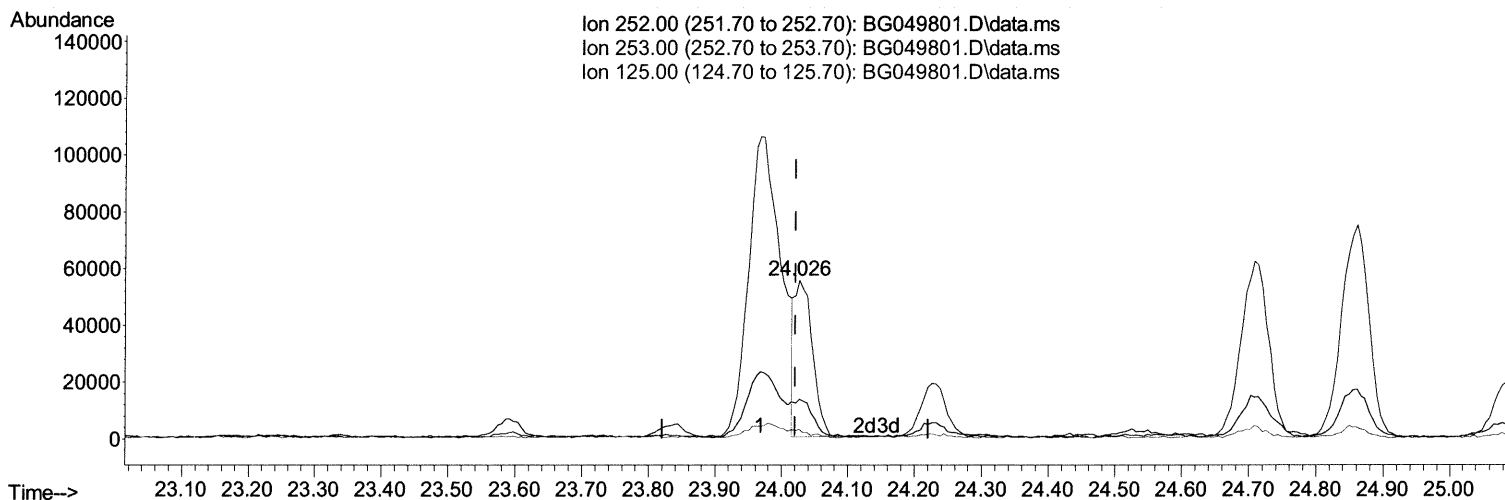
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

(91) Benzo(k)fluoranthene

24.026min (+ 0.006) 10.68 ng/ul m

response 102622

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	24.95
125.00	4.80	6.23#
0.00	0.00	0.00

24.026min

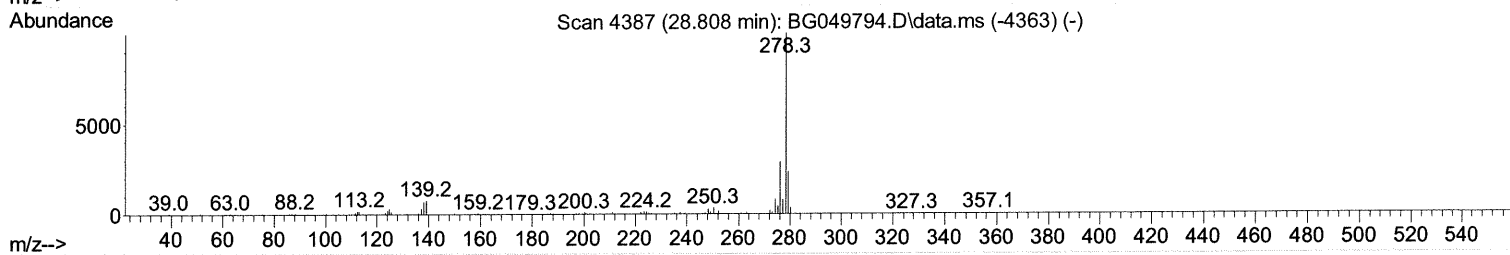
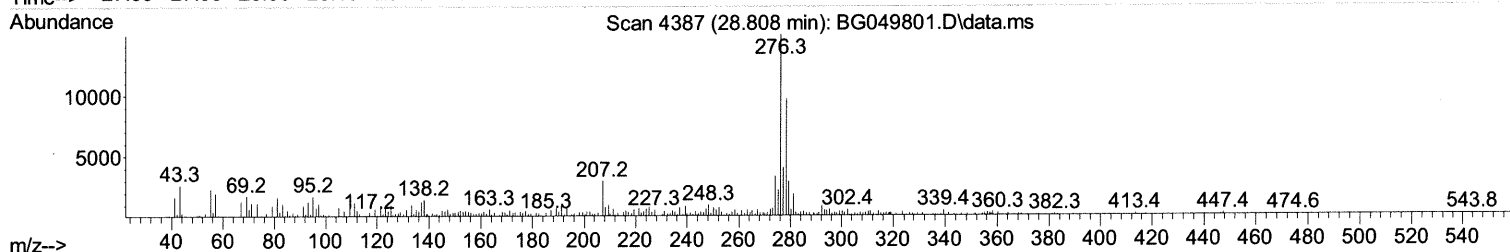
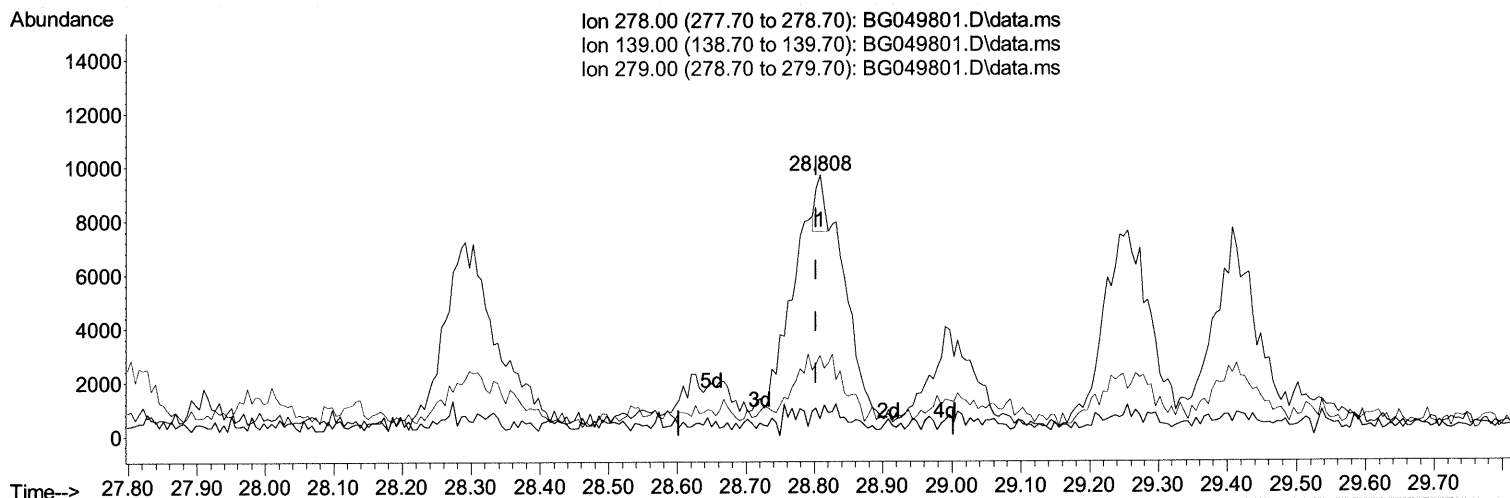
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

(95) Dibenzo(a,h)anthracene

28.808min (+ 0.006) 0.17 ng/ul

response 1602

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	6.50
279.00	23.60	30.80#
0.00	0.00	0.00

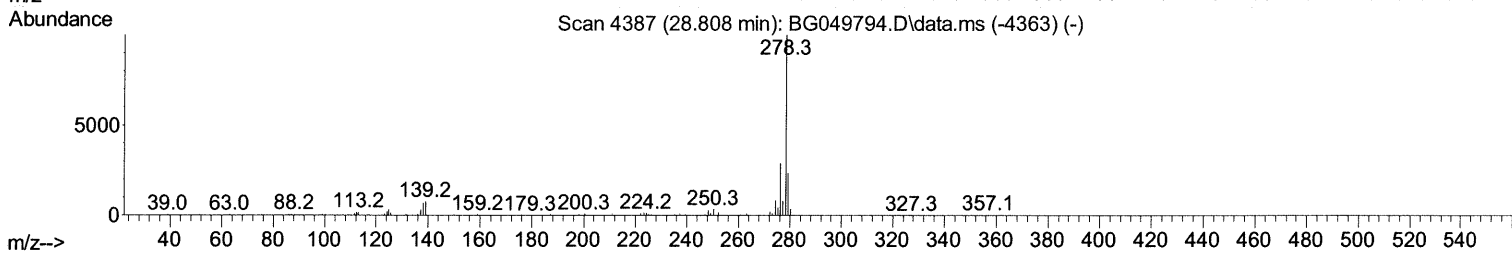
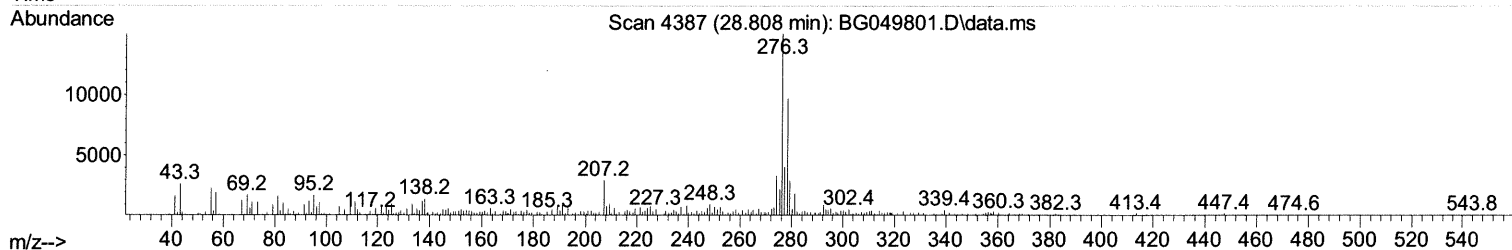
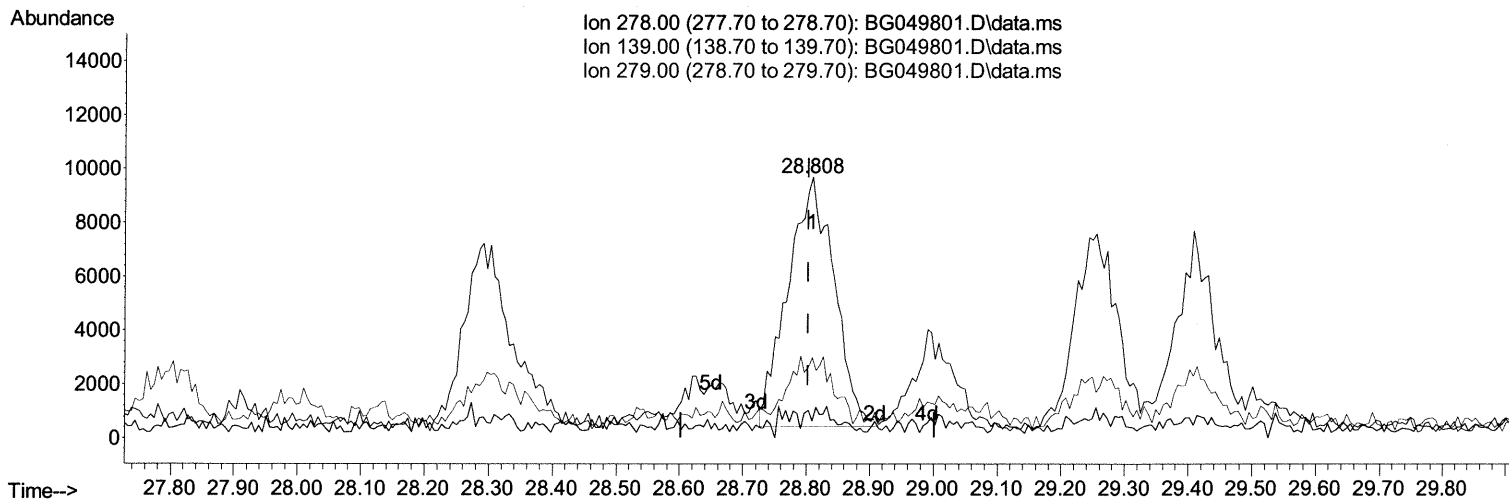
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049801.D
Acq On : 11 Aug 2021 23:49
Operator : CG/JU
Sample : M3287-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB02

Manual Integrations
APPROVED

mohammad
8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049801.D\data.ms

(95) Dibenzo(a,h)anthracene

28.808min (+ 0.006) 5.04 ng/ul m

response 47013

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

278.00	100.00	100.00
--------	--------	--------

139.00	7.90	3.41#
--------	------	-------

279.00	23.60	30.80#
--------	-------	--------

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049801.D
 Acq On : 11 Aug 2021 23:49
 Operator : CG/JU
 Sample : M3287-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB02

Manual Integrations
 APPROVED

mohammad
 8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	28292	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	124259	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	86682	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	155255	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	138946	20.000	ng/ul	# 0.00
88) Perylene-d12	25.013	264	148094	20.000	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.419	96	1904m	3.146	ng/ul	0.00
4) Pyridine-d5	3.854	84	15079	8.304	ng/ul	0.01
7) Phenol-d5	7.202	99	41392	16.121	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	23750	16.103	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	32869	17.886	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	31342	16.009	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	18237	18.632	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	21045	18.827	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	38148	18.099	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	35501	12.303	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	130567	19.194	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	157027	19.403	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	15817	14.381	ng/ul	0.01
60) Fluorene-d10	15.685	176	109651	18.753	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	14435m	13.814	ng/ul	>0.00
73) Anthracene-d10	17.541	188	158367	21.609	ng/ul	0.00
81) Pyrene-d10	19.832	212	158944	20.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.790	264	163942	20.203	ng/ul	0.02

Target Compounds

16) Acetophenone	8.865	105	4071m	1.253	ng/ul	Qvalue
30) Naphthalene	10.909	128	28467	4.387	ng/ul	98
36) 2-Methylnaphthalene	12.513	142	18031	3.629	ng/ul	92
37) 1-Methylnaphthalene	12.736	142	13485m	2.789	ng/ul	91
50) Acenaphthylene	14.416	152	18767	2.458	ng/ul#	83
52) Acenaphthene	14.757	153	9335	1.712	ng/ul#	94
56) Dibenzofuran	15.086	168	18779	2.482	ng/ul	96
61) Fluorene	15.744	166	9198	1.495	ng/ul	98
72) Phenanthrene	17.482	178	158962	19.345	ng/ul	98
74) Anthracene	17.576	178	37400	4.550	ng/ul	96
77) Carbazole	17.847	167	17083	2.326	ng/ul	99
80) Fluoranthene	19.497	202	323795	34.271	ng/ul	99
82) Pyrene	19.861	202	314636	33.389	ng/ul	96
85) Benzo(a)anthracene	21.706	228	216597	23.743	ng/ul	96
87) Chrysene	21.771	228	225730	26.494	ng/ul	99
90) Benzo(b)fluoranthene	23.968	252	359358	37.126	ng/ul	98
91) Benzo(k)fluoranthene	24.026	252	102622m	10.677	ng/ul	98
93) Benzo(a)pyrene	24.861	252	212383	24.924	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.767	276	158289	14.155	ng/ul	99
95) Dibenzo(a,h)anthracene	28.808	278	47013m	5.040	ng/ul	99
96) Benzo(g,h,i)perylene	29.942	276	137145	14.748	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049801.D
 Acq On : 11 Aug 2021 23:49
 Operator : CG/JU
 Sample : M3287-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB02

Manual Integrations
 APPROVED

mohammad
 8/12/2021 1:34:56 PM

Quant Time: Aug 12 02:39:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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