

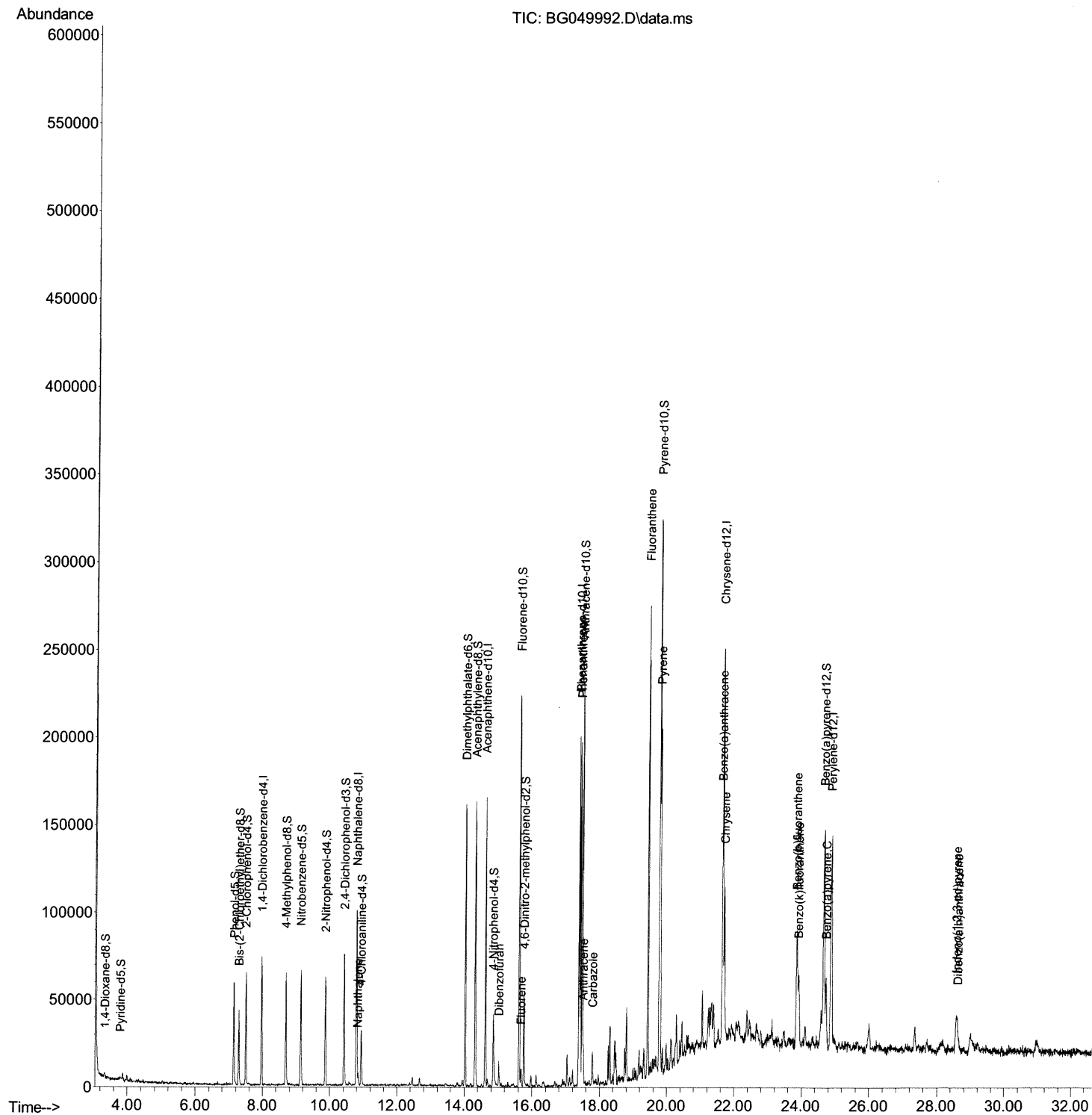
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049992.D
Acq On : 27 Aug 2021 2:26
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

Manual Integrations
APPROVED

mohammad
8/27/2021 5:08:50 PM

Quant Time: Aug 27 03:10:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

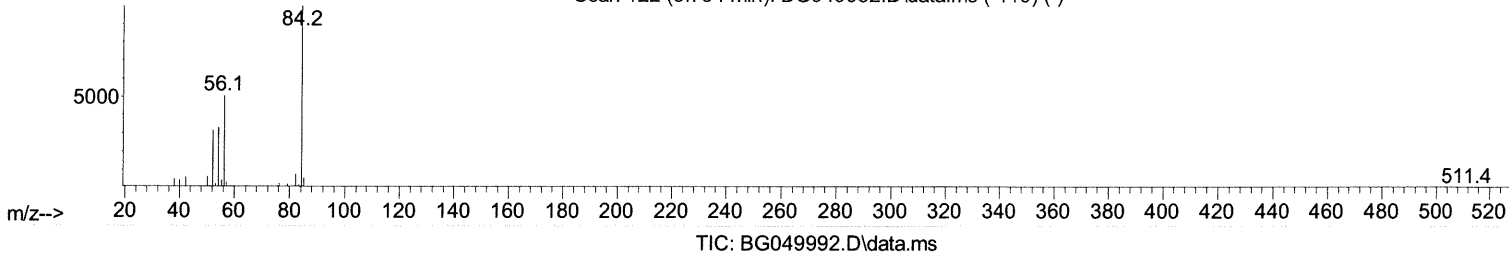
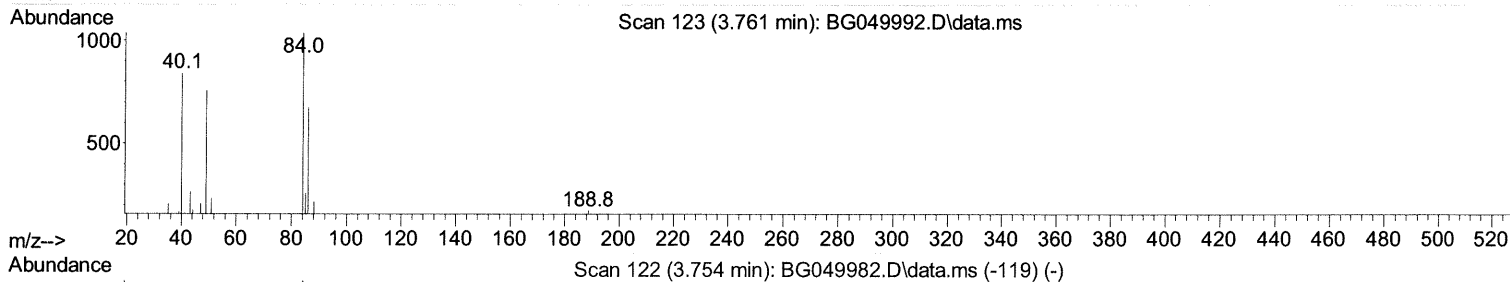
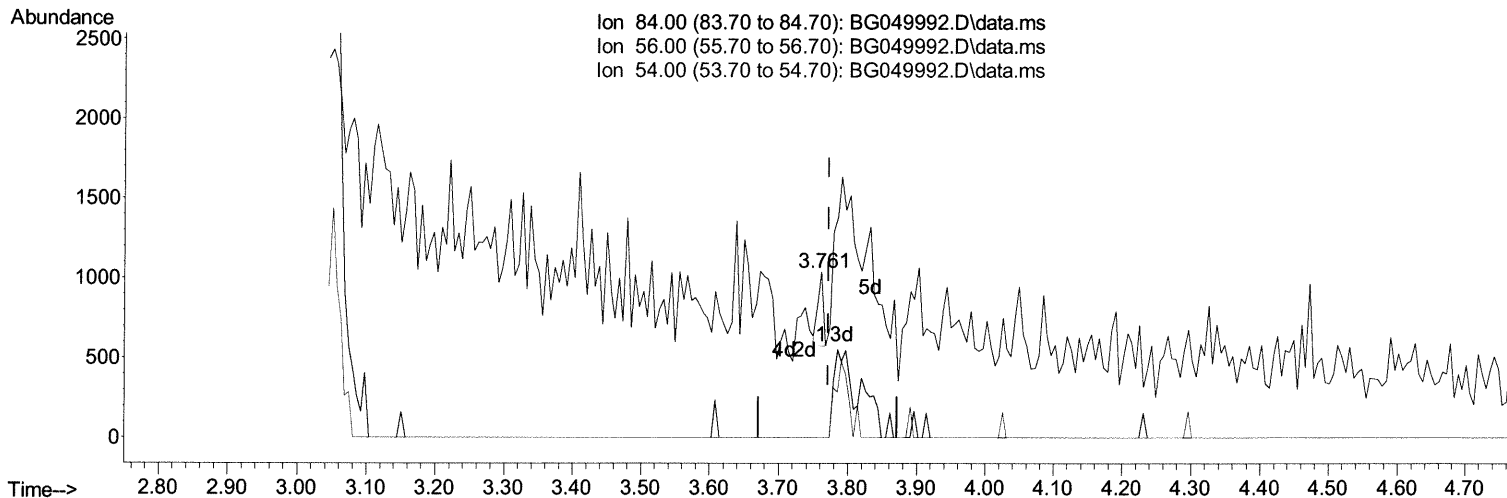
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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 Response via : Initial Calibration



(4) Pyridine-d5 (S)

3.761min (-0.010) 0.23 ng/ul

response 255

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	0.00#
54.00	37.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

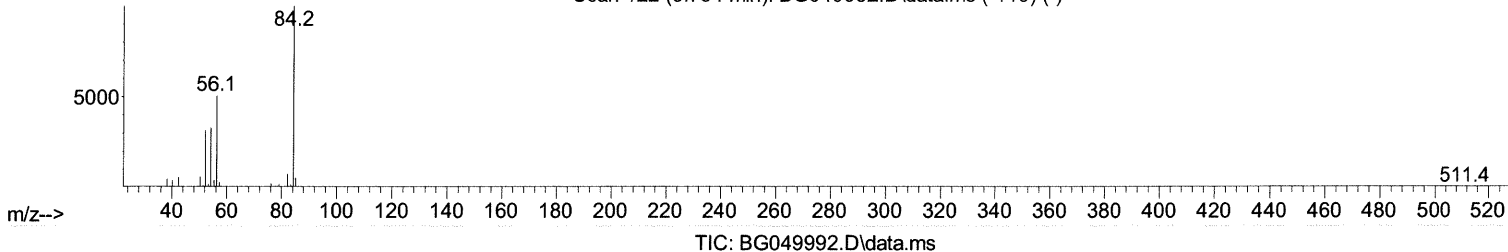
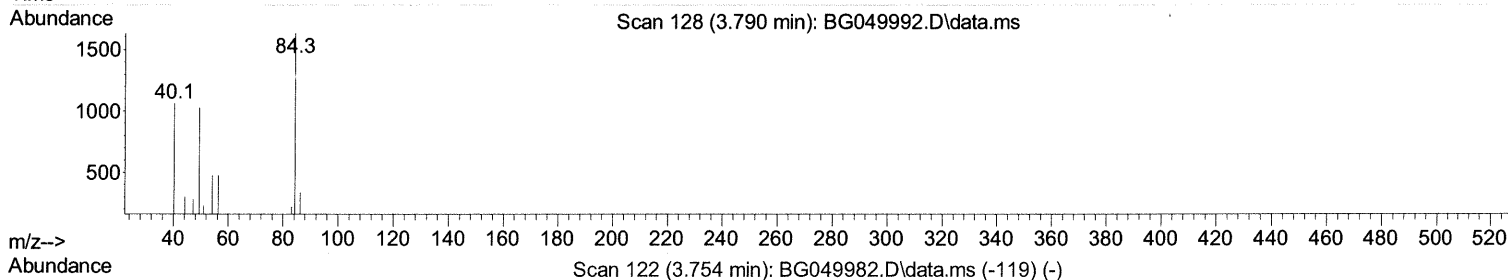
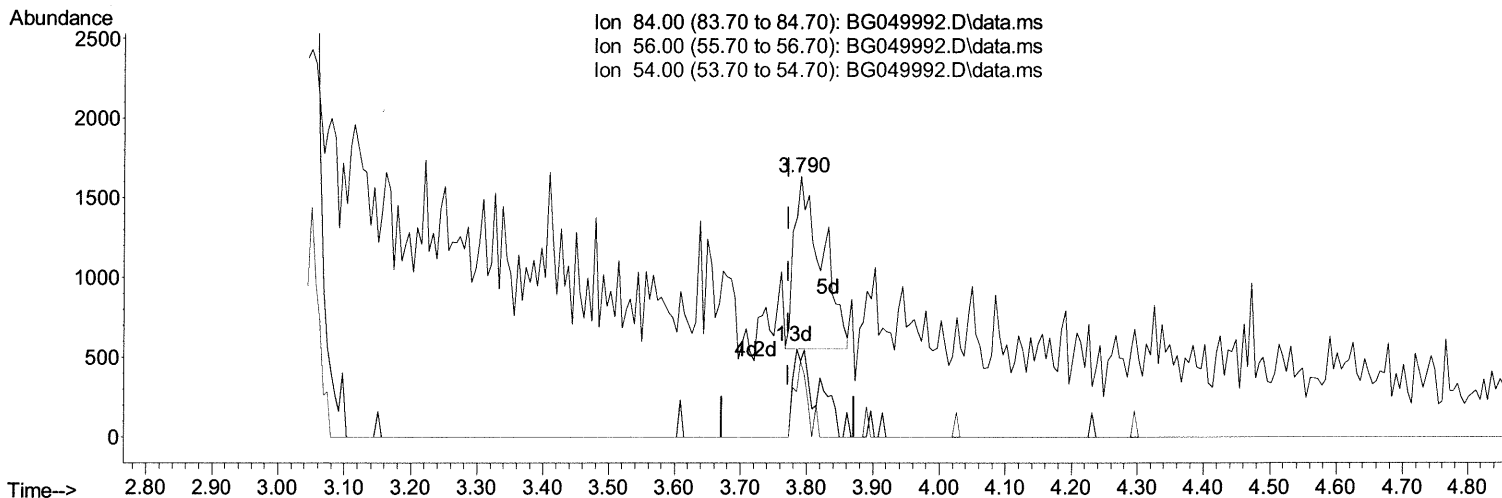
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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 Operator : CG/JU
 Sample : M3458-13
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Manual Integrations
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mohammad
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(4) Pyridine-d5 (S)

3.790min (+ 0.019) 2.76 ng/ul m 08/30/21 JU

response 3119

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	29.23#
54.00	37.00	29.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

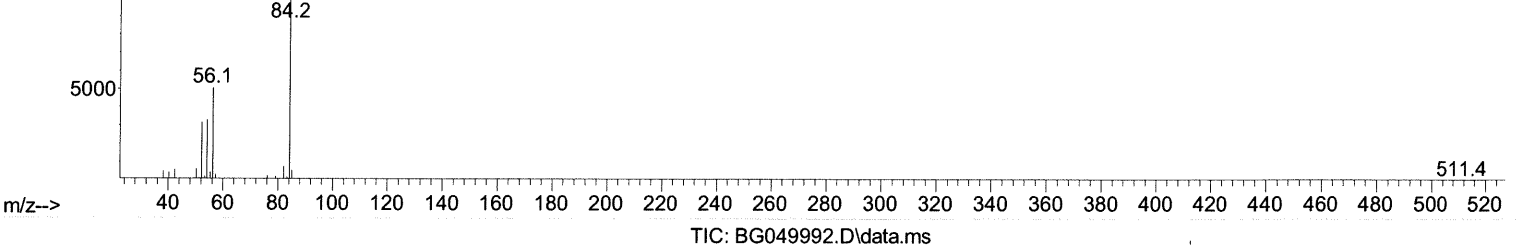
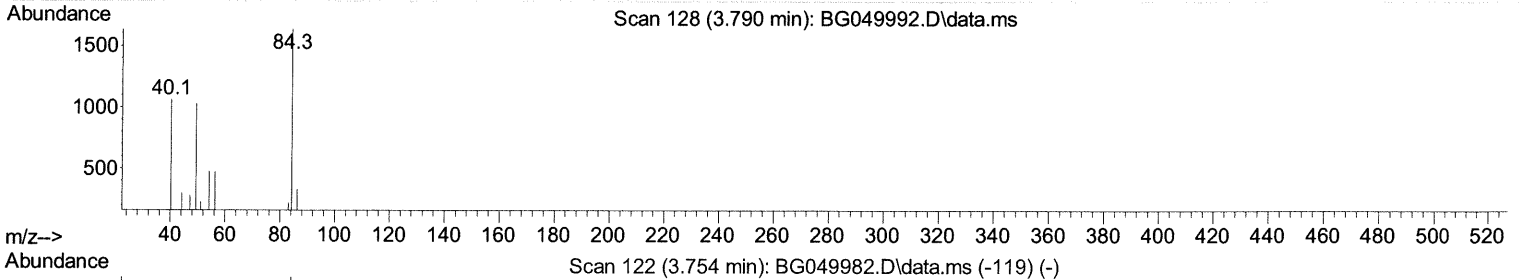
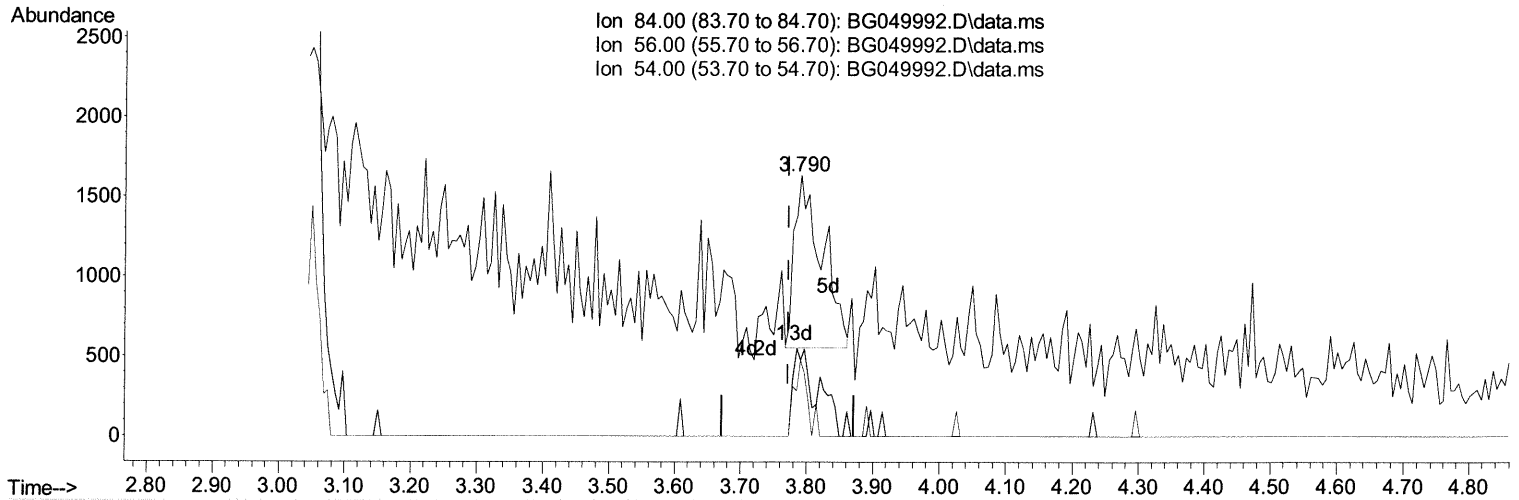
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad
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 Response via : Initial Calibration



(4) Pyridine-d5 (S)

3.790min (+ 0.019) 2.76 ng/ul m 08/30/21 JU

response 3119

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	29.23#
54.00	37.00	29.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

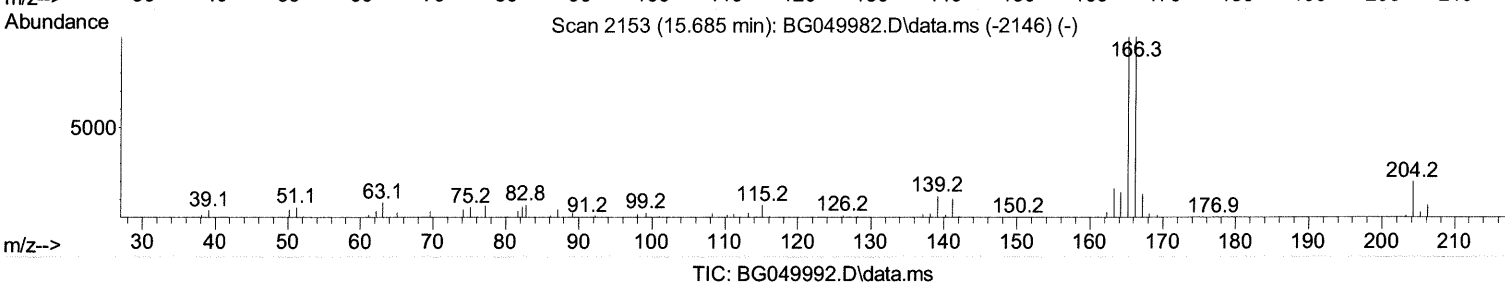
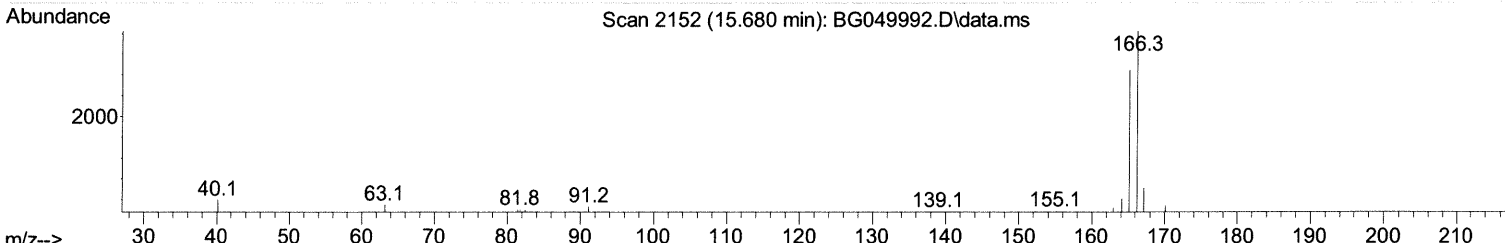
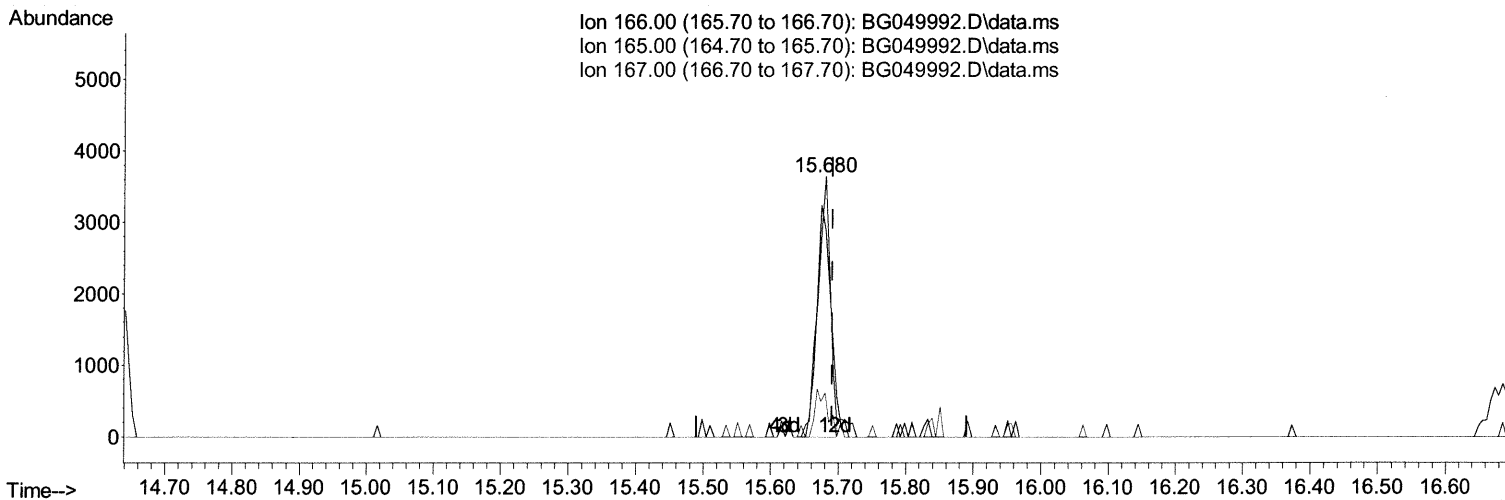
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
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Manual Integrations
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TIC: BG049992.D\data.ms

(61) Fluorene

15.680min (-0.010) 1.17 ng/ul

response 4759

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	104.10	79.65#
167.00	14.70	16.95
0.00	0.00	0.00

Quantitation Report (Qedit)

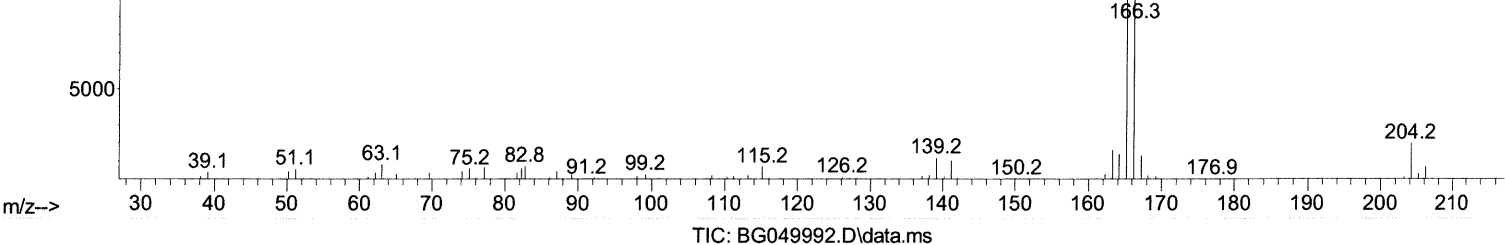
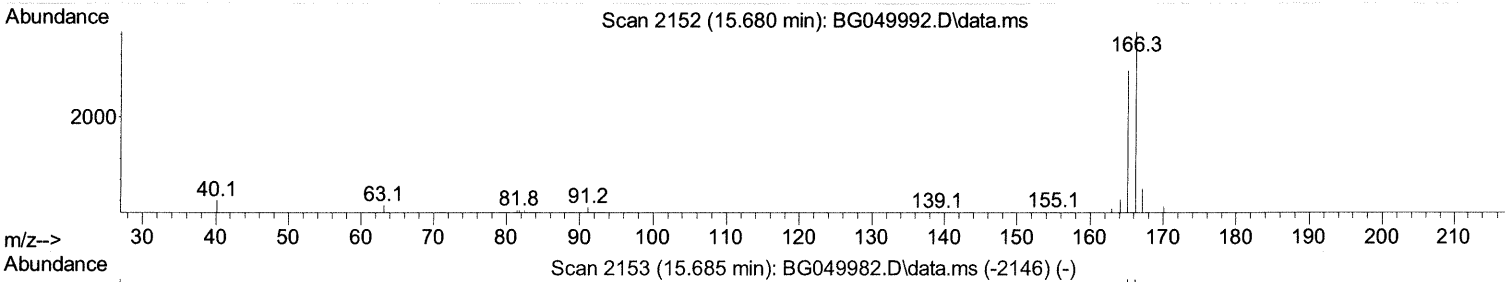
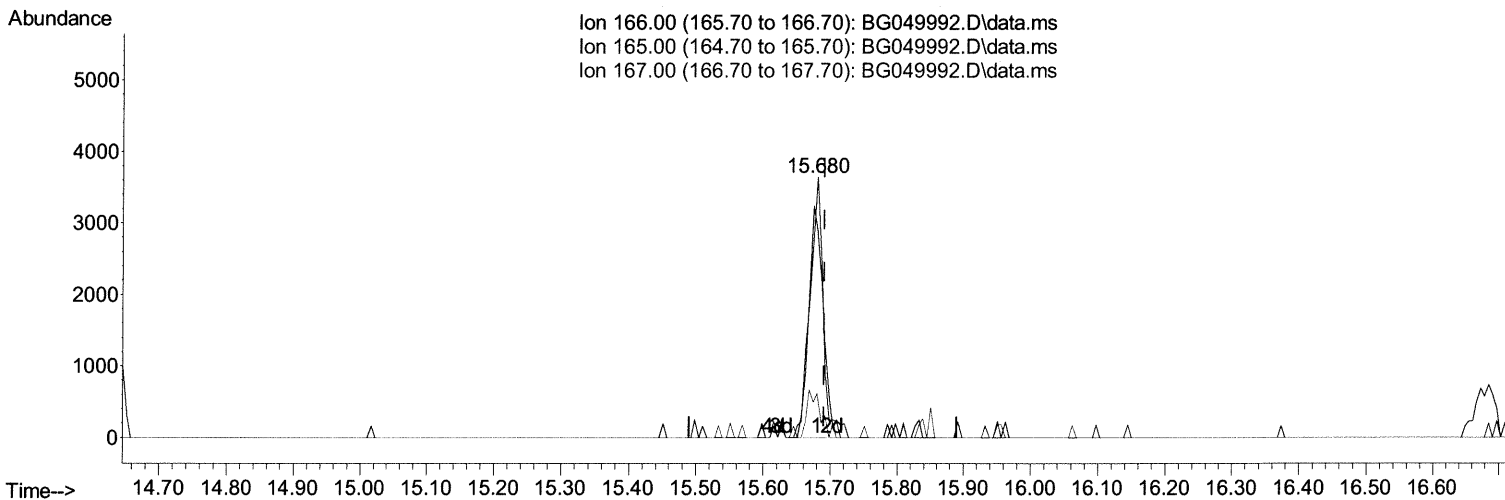
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:50 PM

Quant Time: Aug 27 03:10:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration



(61) Fluorene

15.680min (-0.010) 1.21 ng/ul m 08/30/21 JU

response 4925

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	104.10	79.65#
167.00	14.70	16.95
0.00	0.00	0.00

Quantitation Report (Qedit)

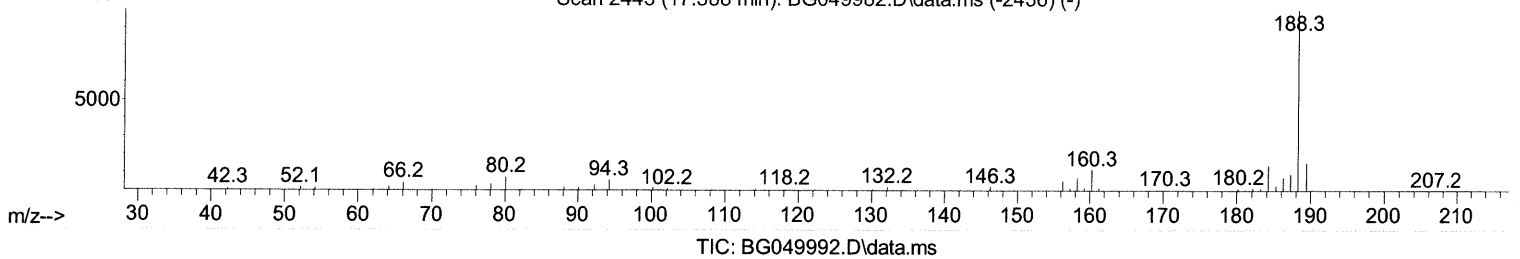
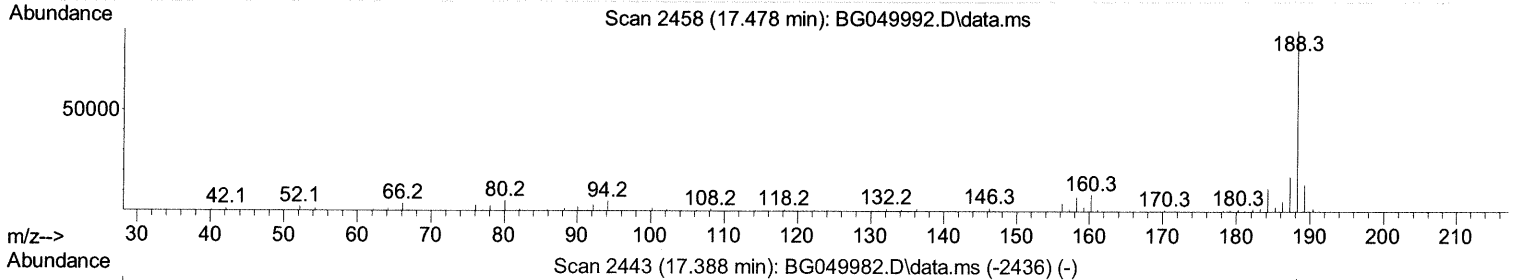
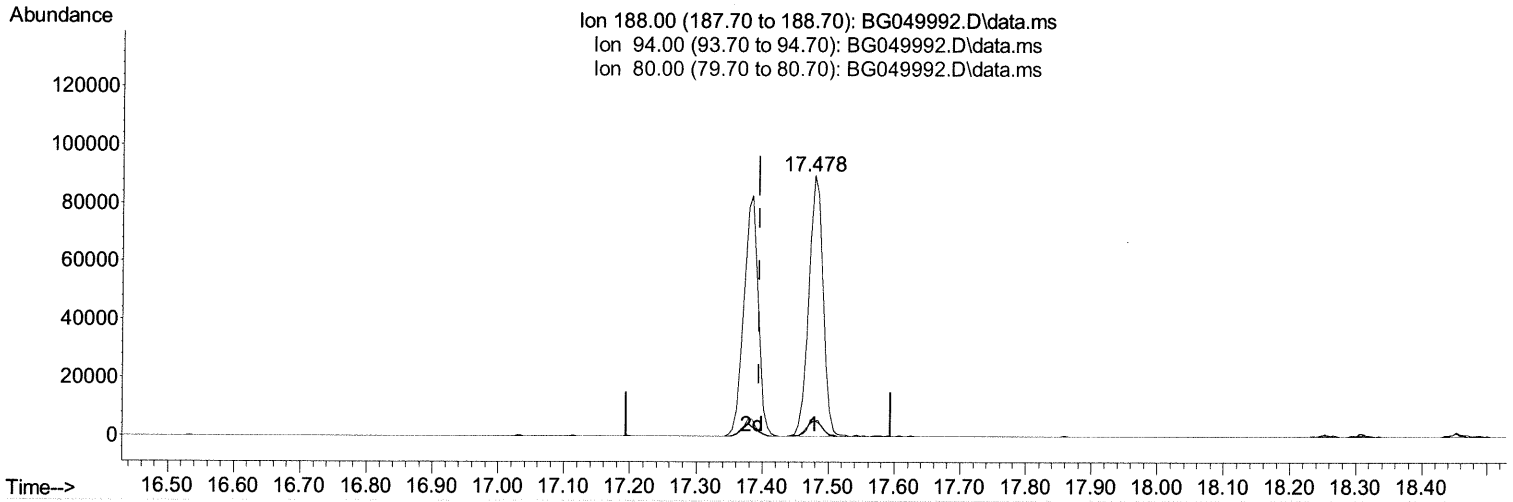
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad
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TIC: BG049992.D\data.ms

(64) Phenanthrene-d10 (I)

17.478min (+ 0.084) 20.00 ng/ul

response 132909

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.20	5.51
80.00	6.70	5.90
0.00	0.00	0.00

Quantitation Report (Qedit)

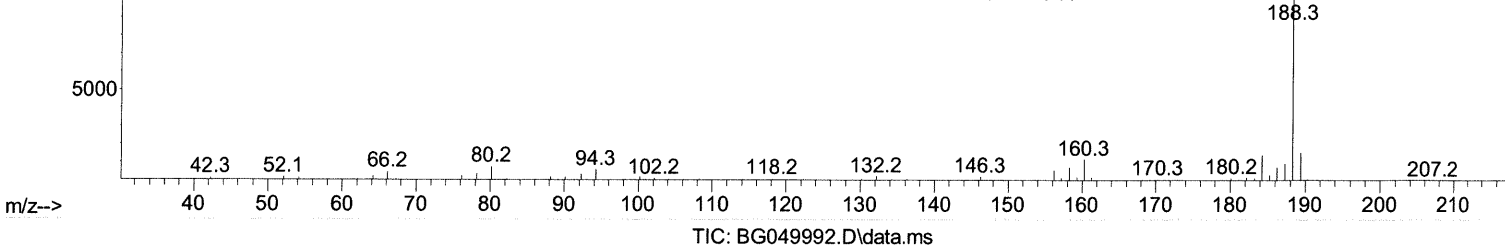
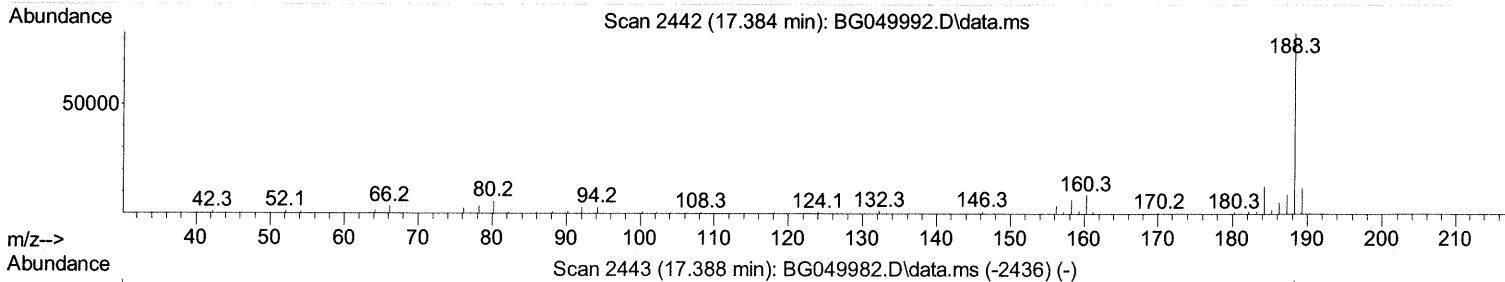
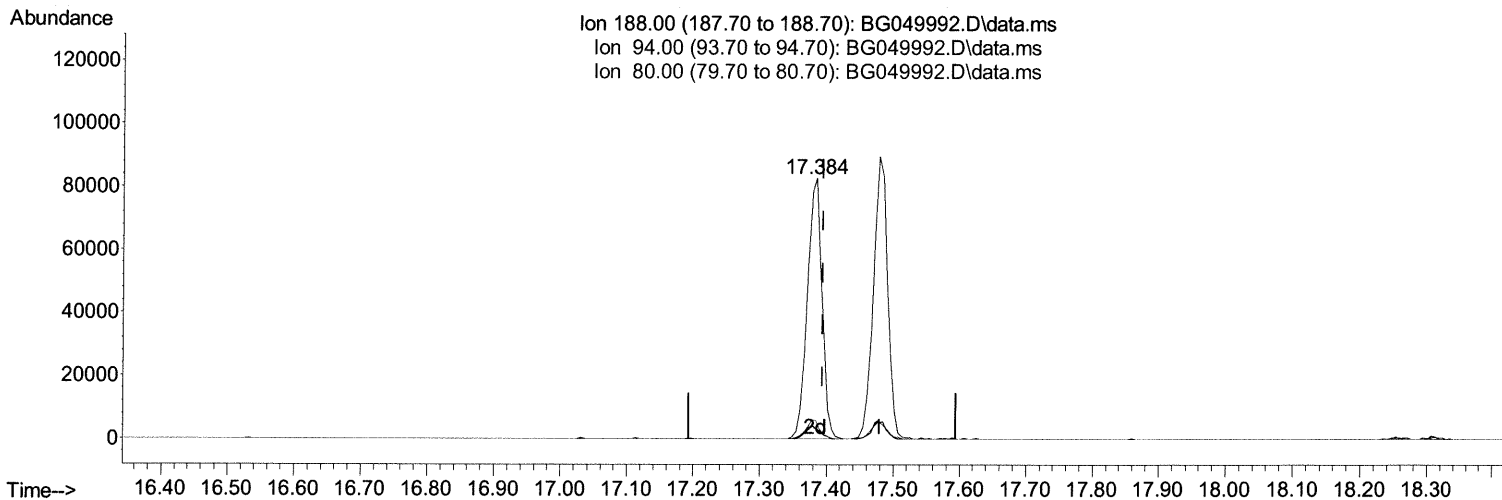
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:50 PM

Quant Time: Aug 27 03:10:29 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration



TIC: BG049992.D\data.ms

(64) Phenanthrene-d10 (I)

17.384min (-0.010) 20.00 ng/ul m 08/30/21 JU

response 125061

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.20	3.66#
80.00	6.70	7.10
0.00	0.00	0.00

Quantitation Report (Qedit)

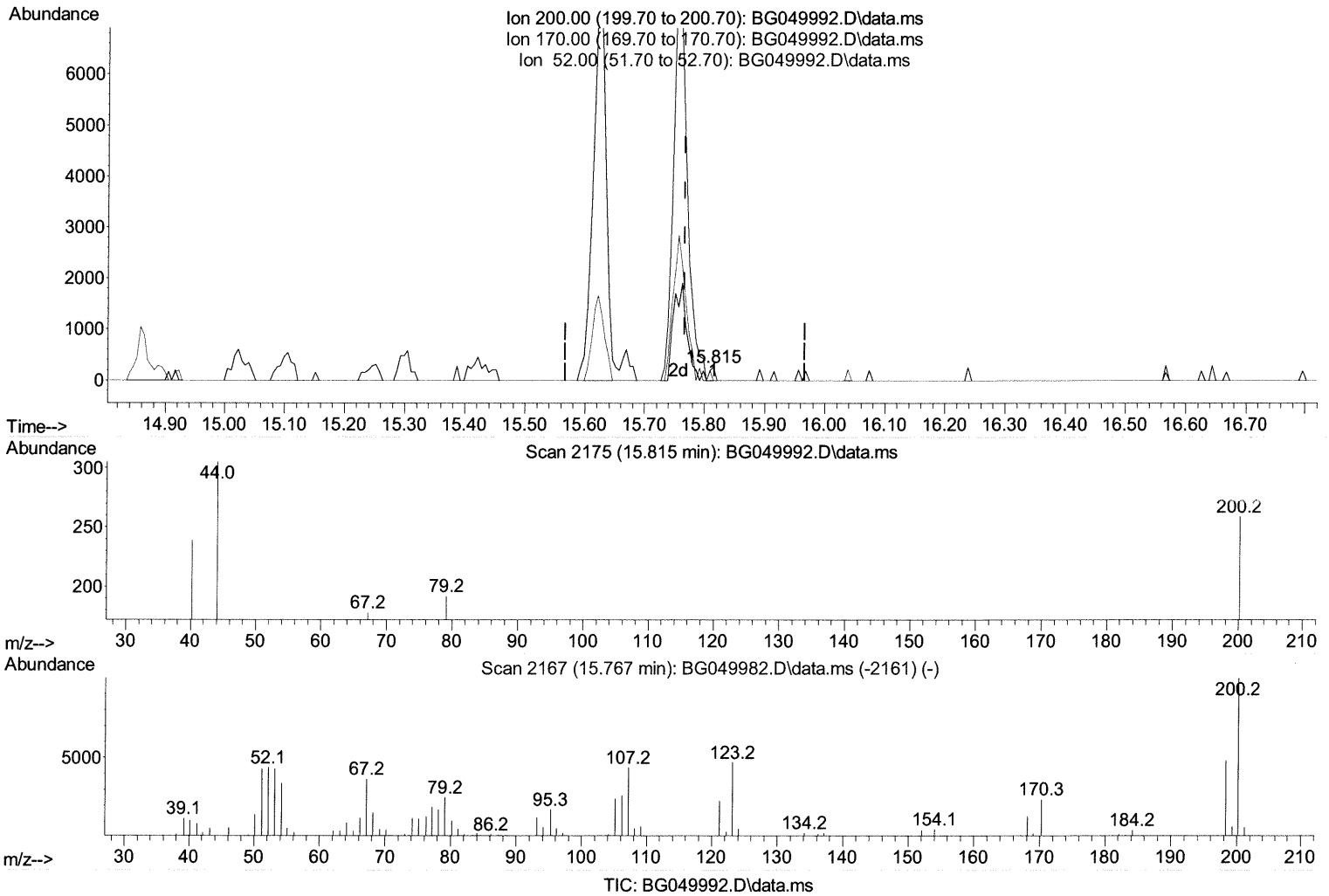
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:50 PM

Quant Time: Aug 27 03:10:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration



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

15.815min (+ 0.049) 0.20 ng/ul

response 161

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.40	0.00#
52.00	45.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

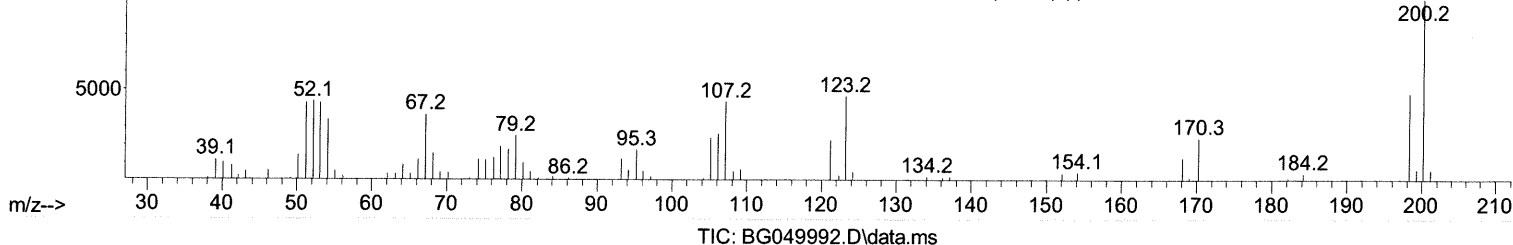
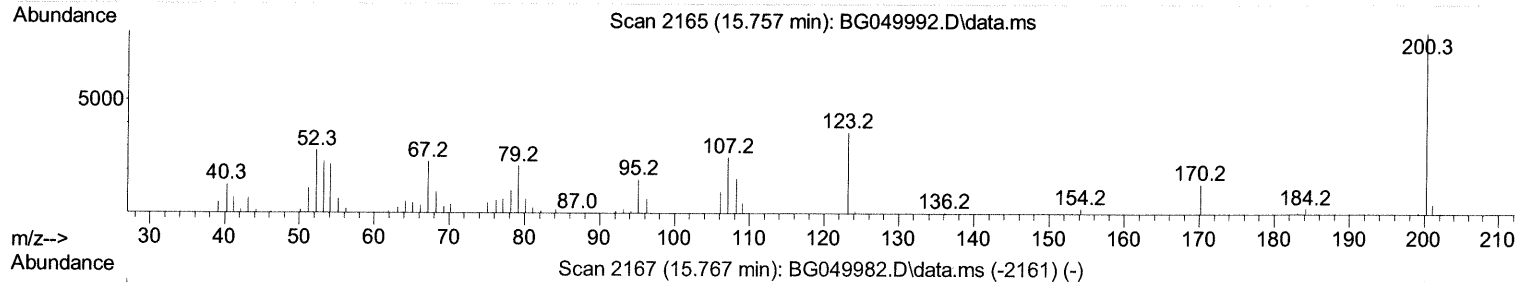
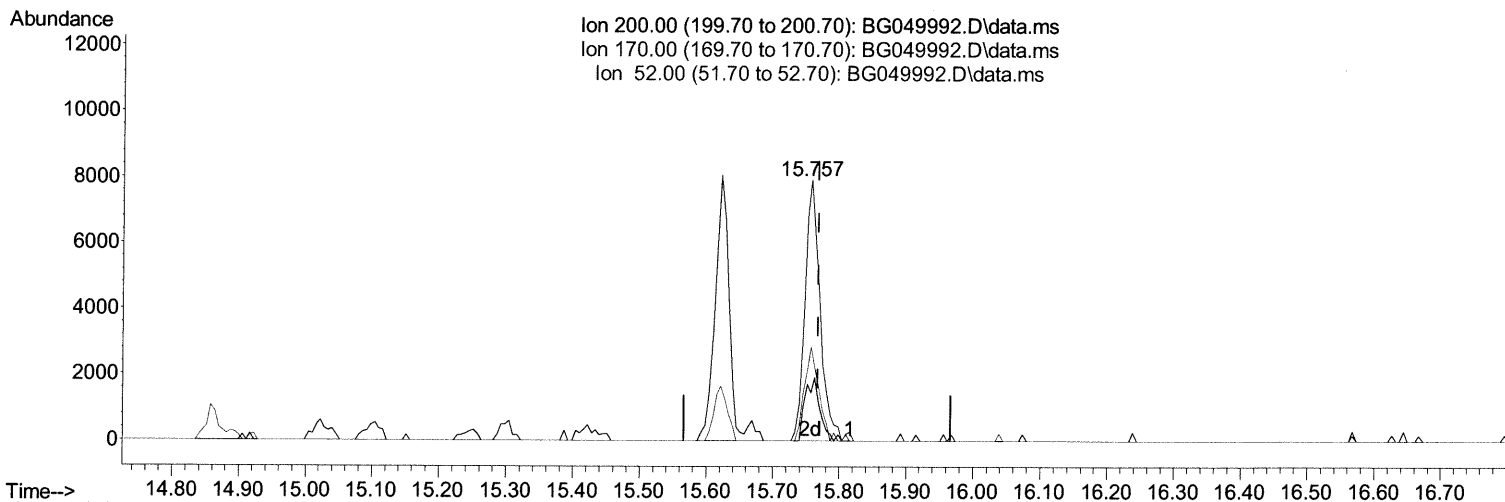
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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mohammad
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(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.757min (-0.010) 15.64 ng/ul m 08/30/21 JU

response 12583

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.40	18.19
52.00	45.50	35.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

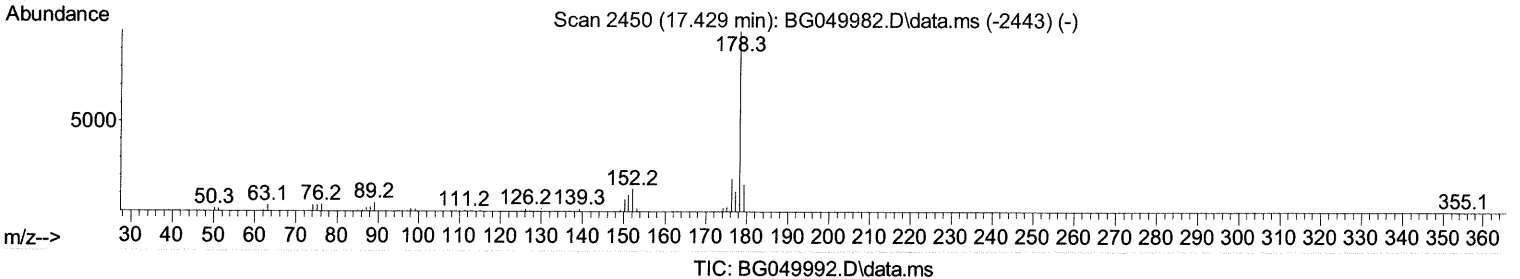
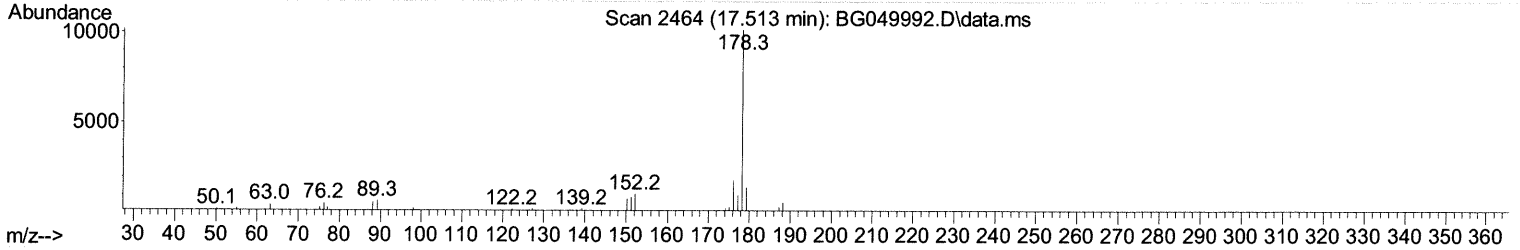
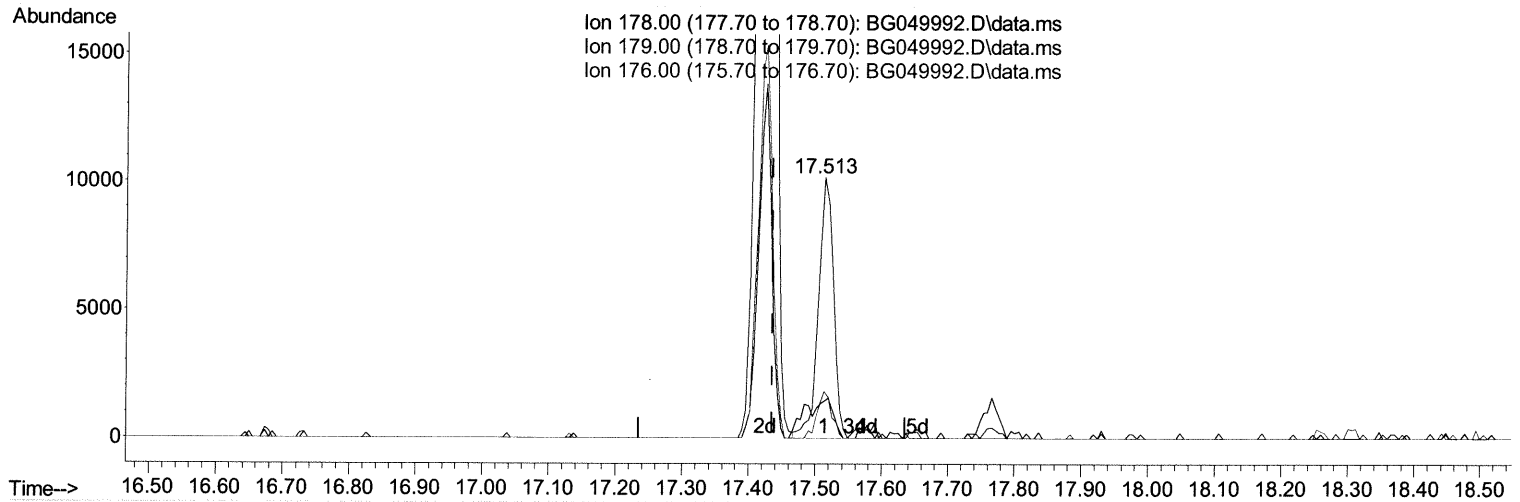
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
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TIC: BG049992.D\data.ms

(72) Phenanthrene

17.513min (+ 0.078) 2.56 ng/ul

response 15935

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.60	14.09
176.00	20.20	17.93
0.00	0.00	0.00

Quantitation Report (Qedit)

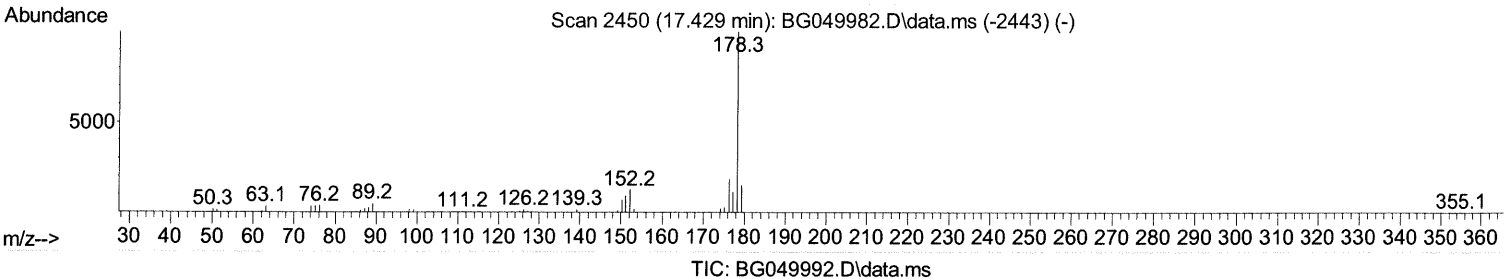
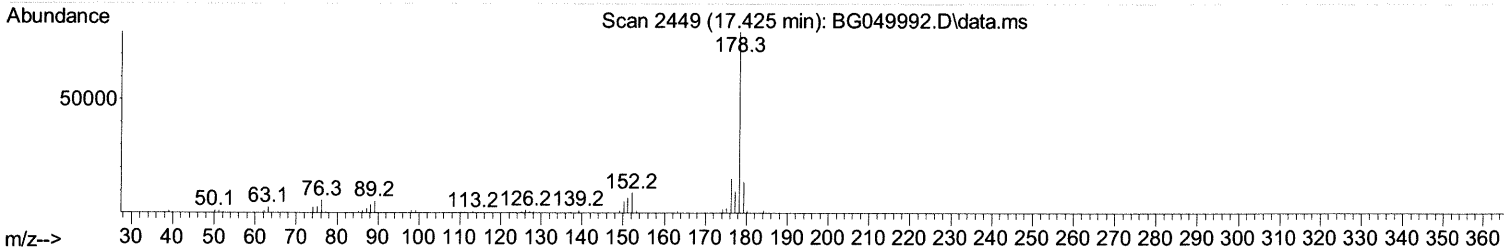
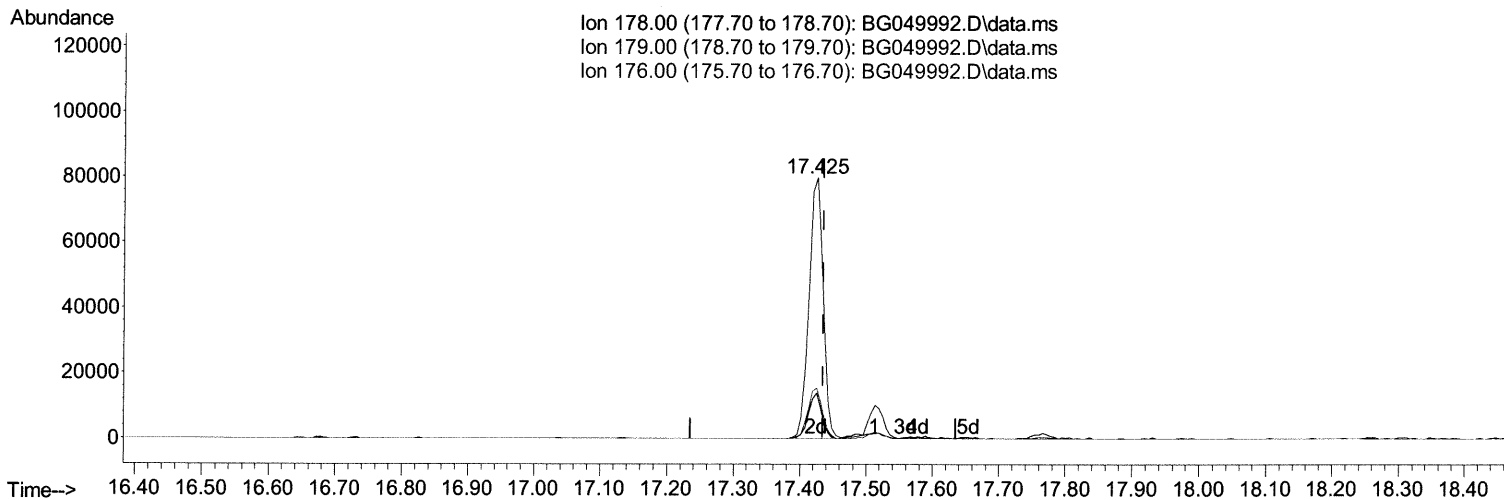
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(72) Phenanthrene

17.425min (-0.010) 18.99 ng/ul m 08/30/21 JU

response 118405

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.60	17.32
176.00	20.20	19.20
0.00	0.00	0.00

Quantitation Report (Qedit)

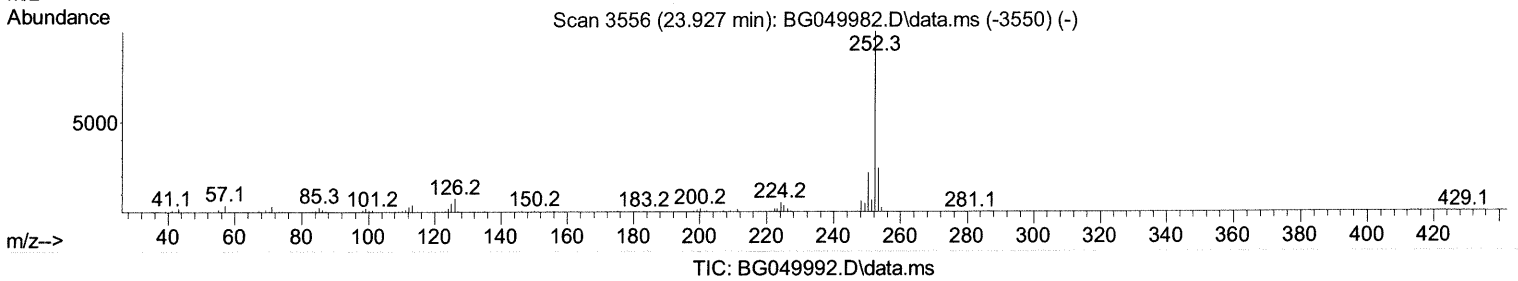
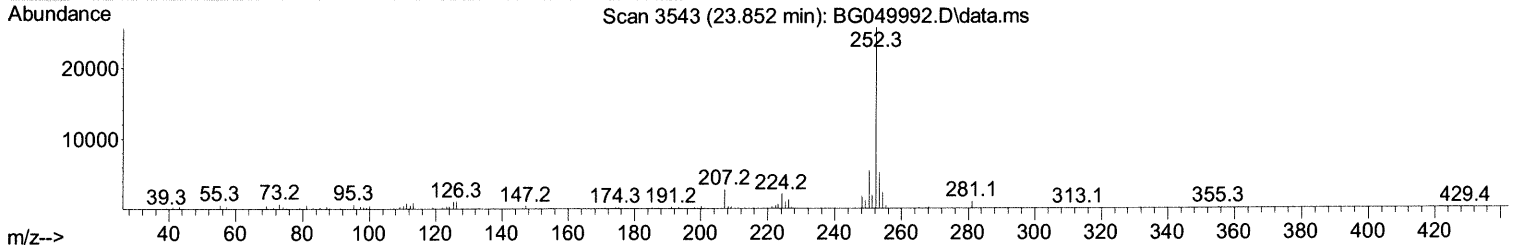
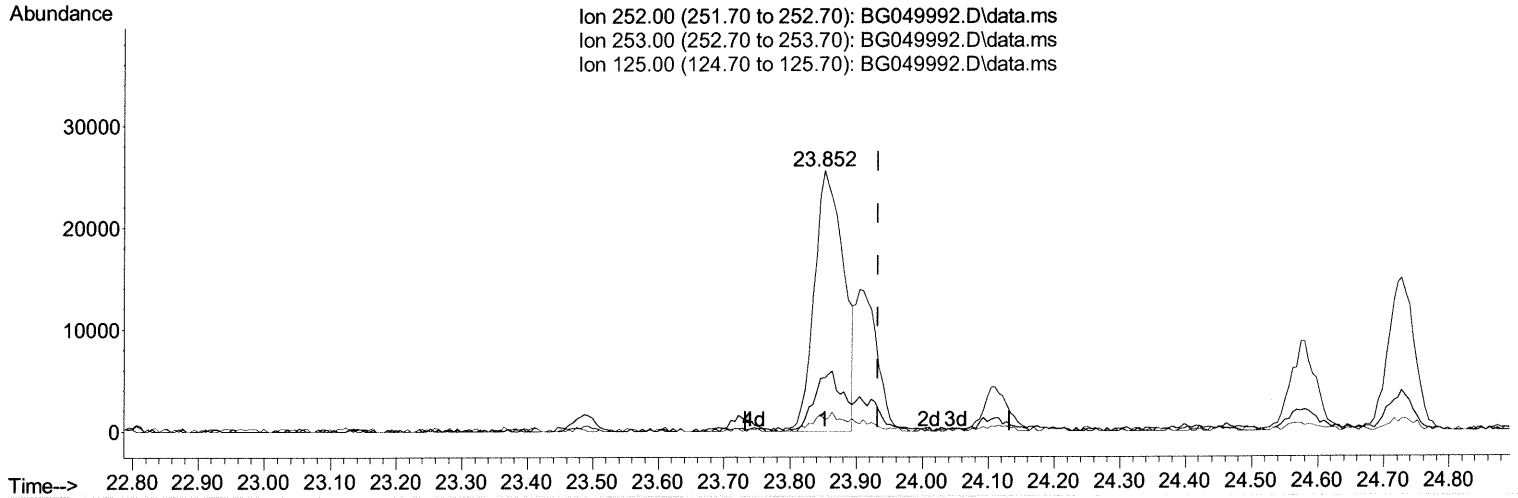
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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(91) Benzo(k)fluoranthene

23.852min (-0.081) 10.78 ng/u1

response 78386

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	20.50
125.00	5.10	4.28
0.00	0.00	0.00

Quantitation Report (Qedit)

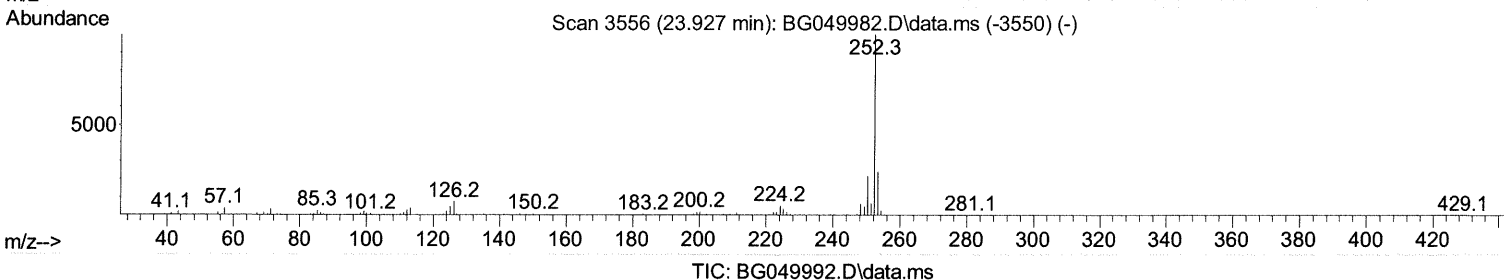
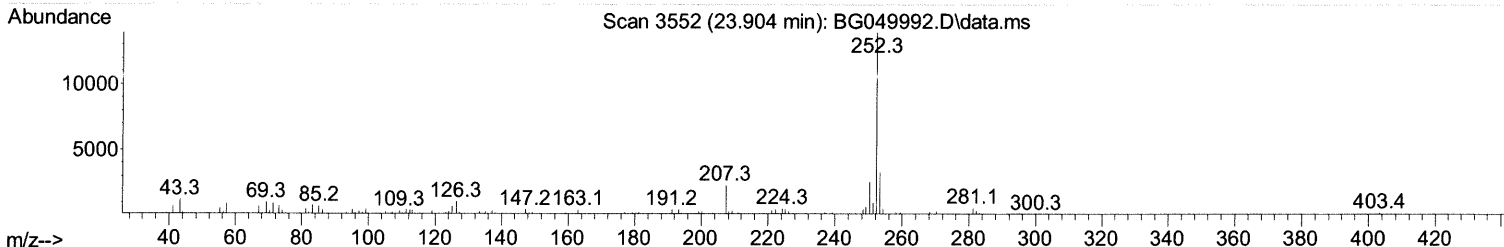
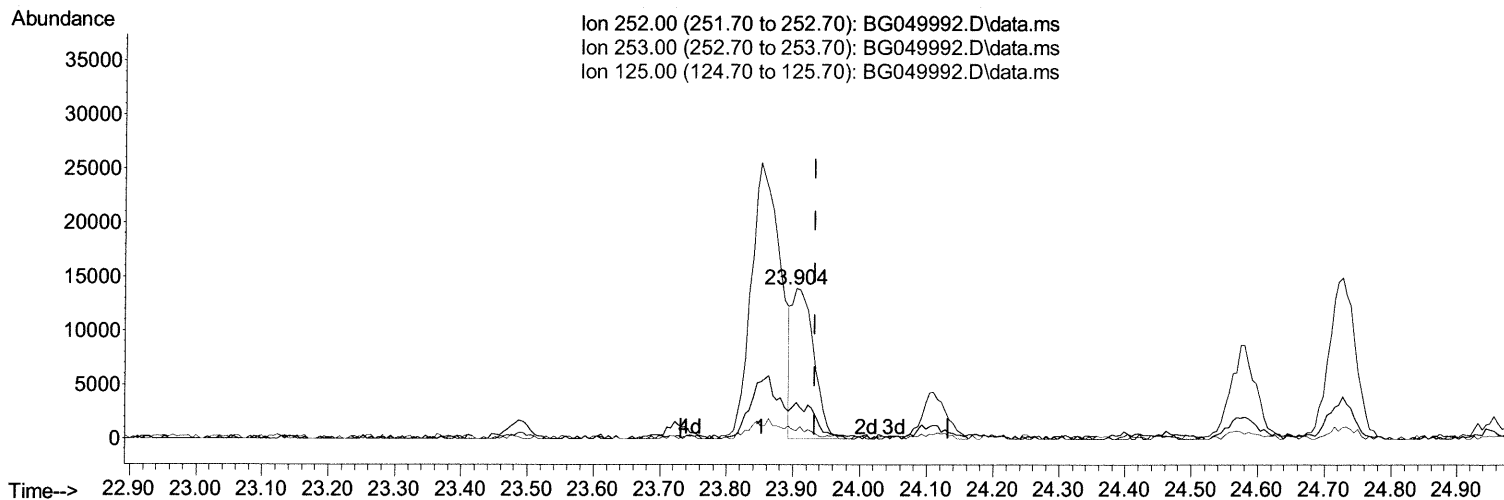
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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Manual Integrations
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TIC: BG049992.D\data.ms

(91) Benzo(k)fluoranthene

23.904min (-0.028) 4.38 ng/ul m 08/30/21 JU

response 31887

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.01
125.00	5.10	5.11
0.00	0.00	0.00

Quantitation Report (Qedit)

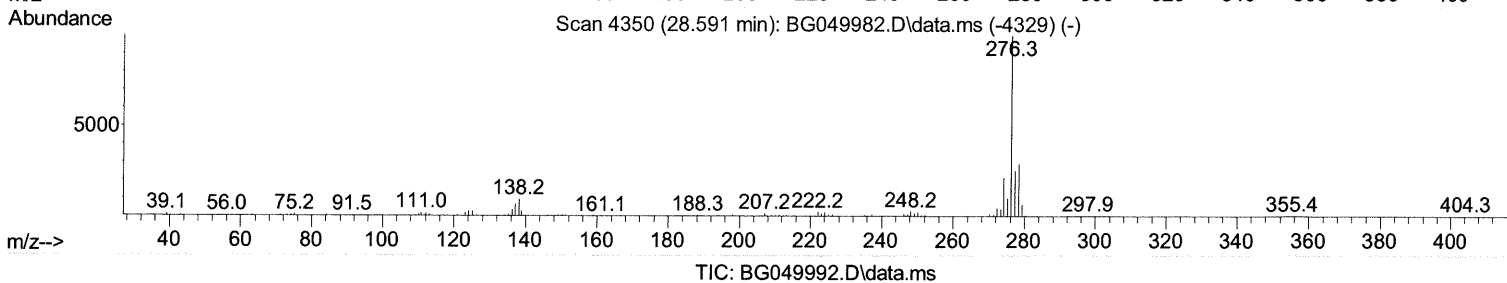
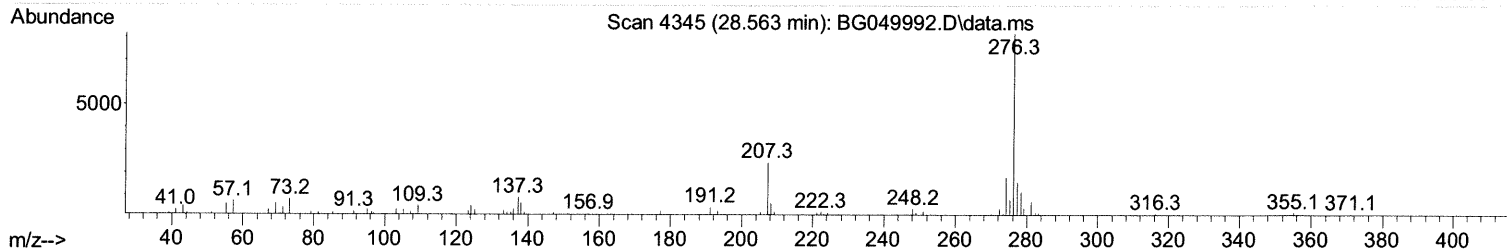
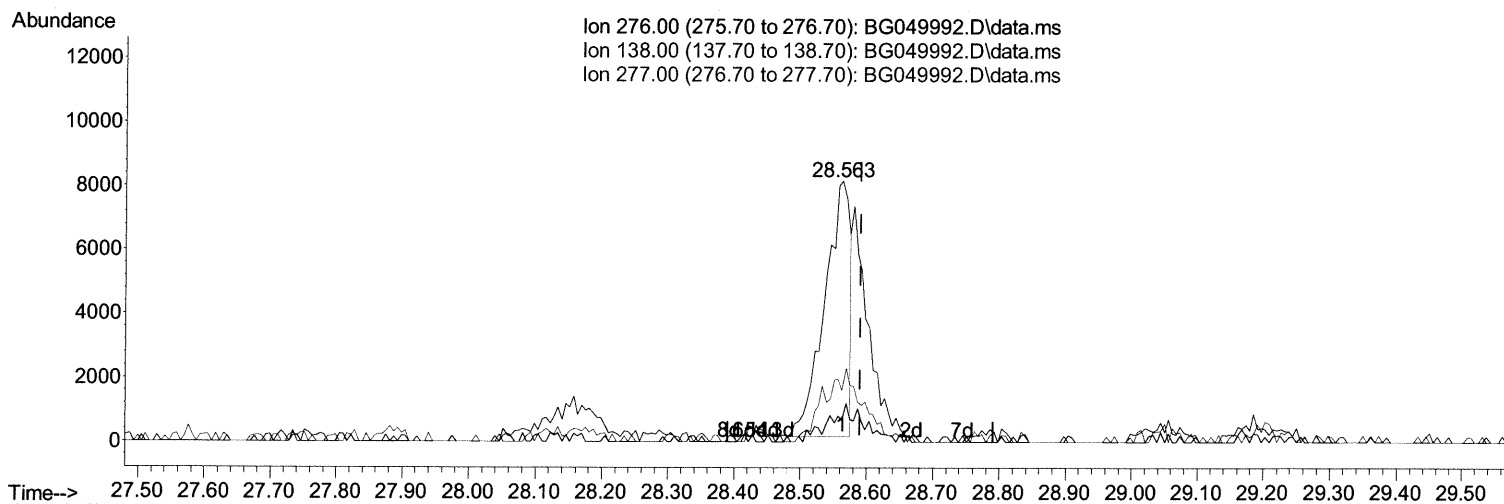
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049992.D
Acq On : 27 Aug 2021 2:26
Operator : CG/JU
Sample : M3458-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

Manual Integrations
APPROVED

mohammad
8/27/2021 5:08:50 PM

Quant Time: Aug 27 03:10:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration



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

28.563min (-0.028) 2.41 ng/ul

response 21121

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	8.05
277.00	23.20	19.60
0.00	0.00	0.00

Quantitation Report (Qedit)

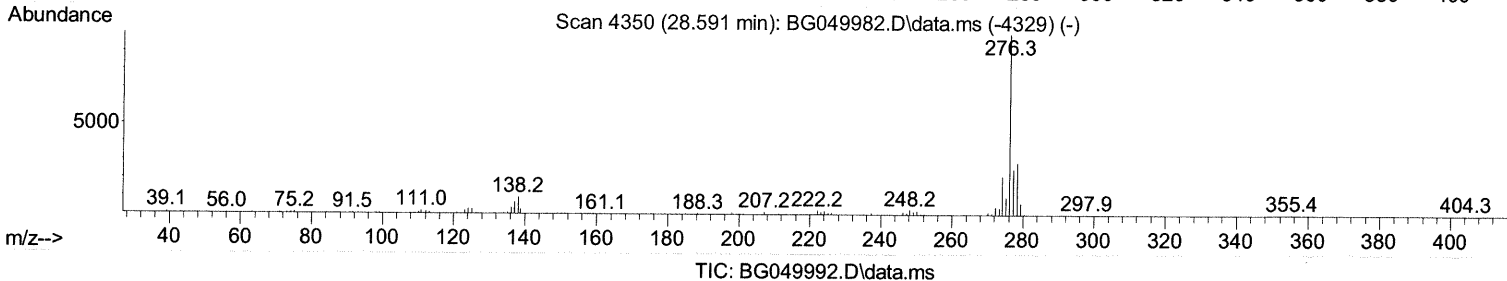
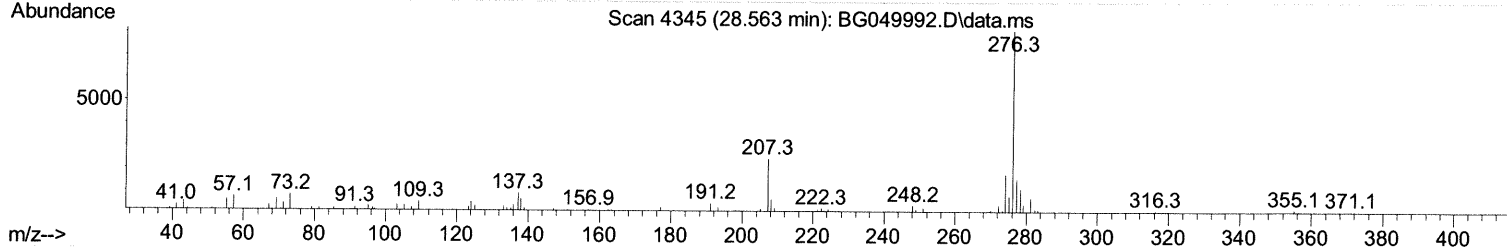
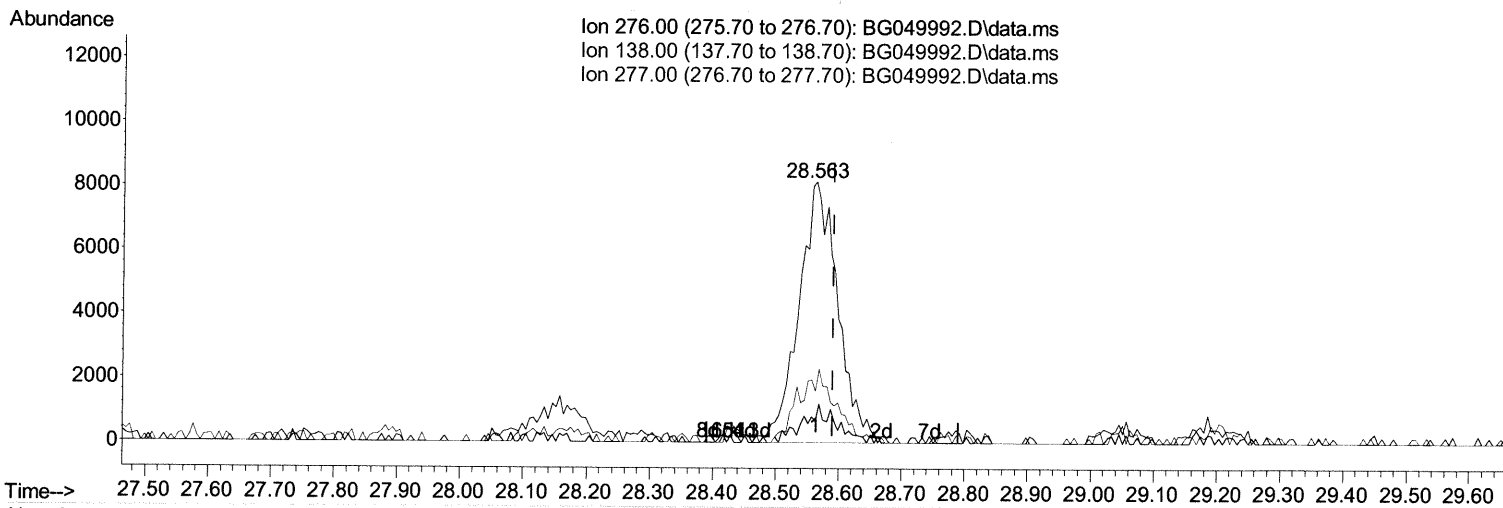
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:50 PM

Quant Time: Aug 27 03:10:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration



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

28.563min (-0.028) 3.98 ng/ul m 08/30/21 JU

response 34847

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	8.05
277.00	23.20	19.60
0.00	0.00	0.00

Quantitation Report (Qedit)

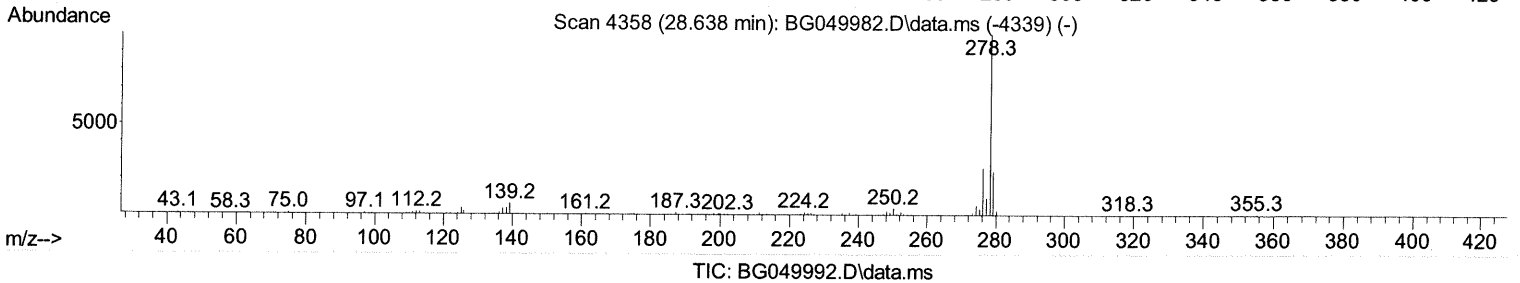
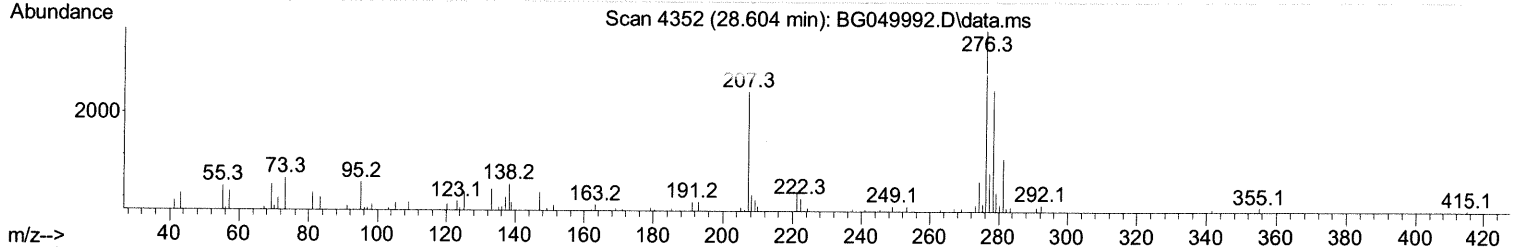
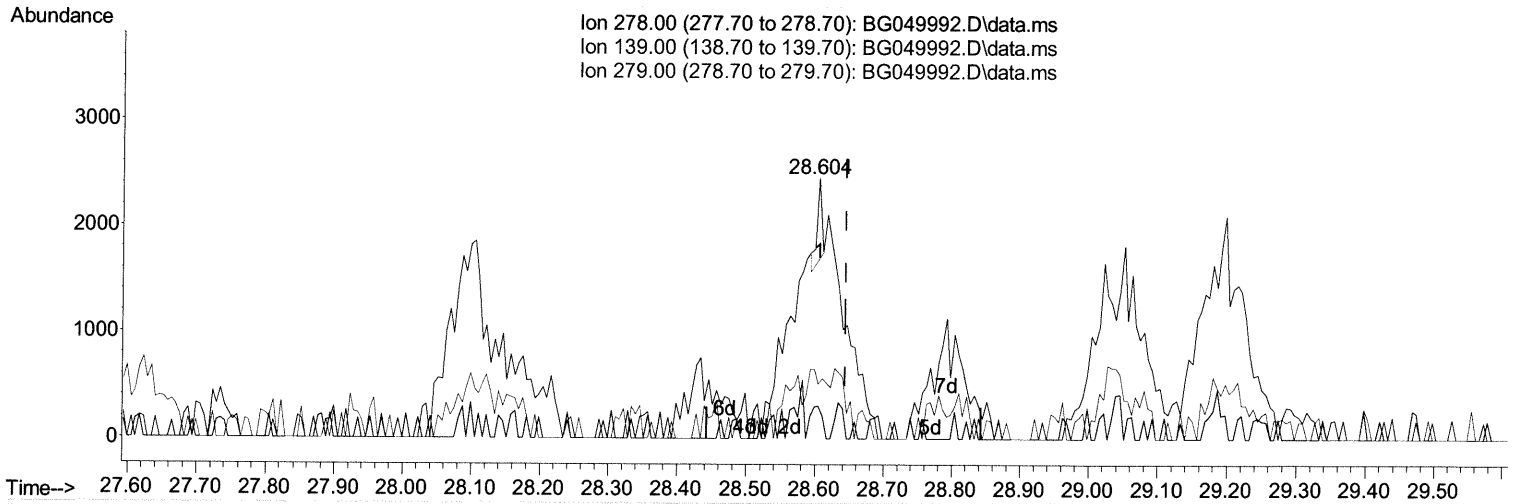
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:50 PM

Quant Time: Aug 27 03:10:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration



(95) Dibenzo(a,h)anthracene

28.604min (-0.040) 0.05 ng/ul

response 361

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	12.31#
279.00	23.70	20.95
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049992.D
 Acq On : 27 Aug 2021 2:26
 Operator : CG/JU
 Sample : M3458-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:50 PM

Quant Time: Aug 27 03:10:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	19366	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.787	136	84641	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.629	164	58406	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.384	188	125061m >	20.000	ng/ul >	-0.0108/30/21 JU
79) Chrysene-d12	21.655	240	116001	20.000	ng/ul	-0.01
88) Perylene-d12	24.880	264	119625	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	1470	3.914	ng/ul	-0.01
4) Pyridine-d5	3.790	84	3119m >	2.757	ng/ul >	0.02 08/30/21 JU
7) Phenol-d5	7.139	99	36185	22.004	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.286	67	21168	23.169	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.497	132	27531	22.374	ng/ul	-0.02
15) 4-Methylphenol-d8	8.690	113	23891	18.447	ng/ul	-0.01
21) Nitrobenzene-d5	9.136	128	15015	22.882	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.865	143	17512	22.412	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.417	165	27945	20.052	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	16182	8.531	ng/ul	-0.01
46) Dimethylphthalate-d6	14.024	166	106803	23.894	ng/ul	-0.02
49) Acenaphthylene-d8	14.323	160	124209	23.700	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.858	143	10491	16.222	ng/ul	0.00
60) Fluorene-d10	15.622	176	90290	23.824	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.757	200	12583m >	15.639	ng/ul >	-0.01 08/30/21 JU
73) Anthracene-d10	17.478	188	132909	23.667	ng/ul	-0.02
81) Pyrene-d10	19.769	212	160551	25.612	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.662	264	132530	20.883	ng/ul	-0.01
Target Compounds						
30) Naphthalene	10.834	128	6142	1.452	ng/ul#	93
56) Dibenzofuran	15.028	168	6668	1.386	ng/ul	94
61) Fluorene	15.680	166	4925m >	1.213	ng/ul >	08/30/21 JU
72) Phenanthrene	17.425	178	118405m >	18.992	ng/ul >	08/30/21 JU
74) Anthracene	17.513	178	15935	2.522	ng/ul	97
77) Carbazole	17.789	167	13029	2.318	ng/ul	93
80) Fluoranthene	19.434	202	170288	22.014	ng/ul	99
82) Pyrene	19.798	202	120263	15.690	ng/ul	99
85) Benzo(a)anthracene	21.631	228	61193	8.466	ng/ul	96
87) Chrysene	21.702	228	64176	9.393	ng/ul	94
90) Benzo(b)fluoranthene	23.852	252	78386	10.244	ng/ul	96
91) Benzo(k)fluoranthene	23.904	252	31887m >	4.384	ng/ul >	08/30/21 JU
93) Benzo(a)pyrene	24.727	252	41756	6.283	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.563	276	34847m >	3.975	ng/ul >	08/30/21 JU
95) Dibenzo(a,h)anthracene	28.604	278	11139m >	1.518	ng/ul >	08/30/21 JU

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