

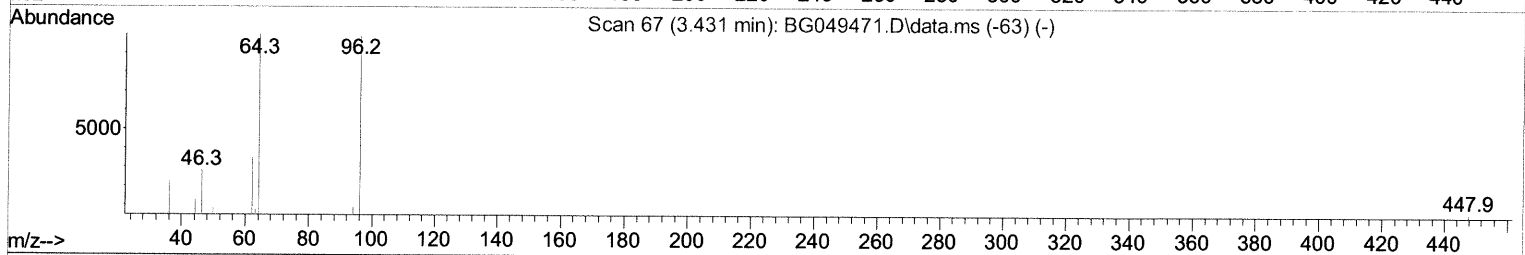
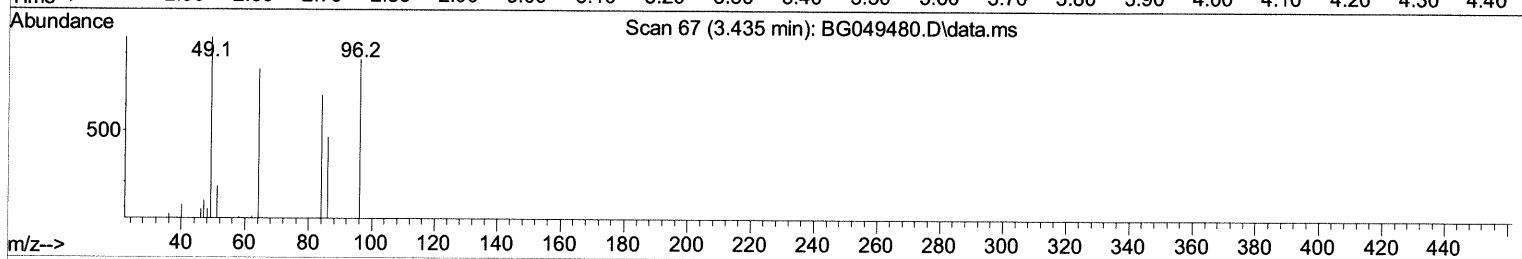
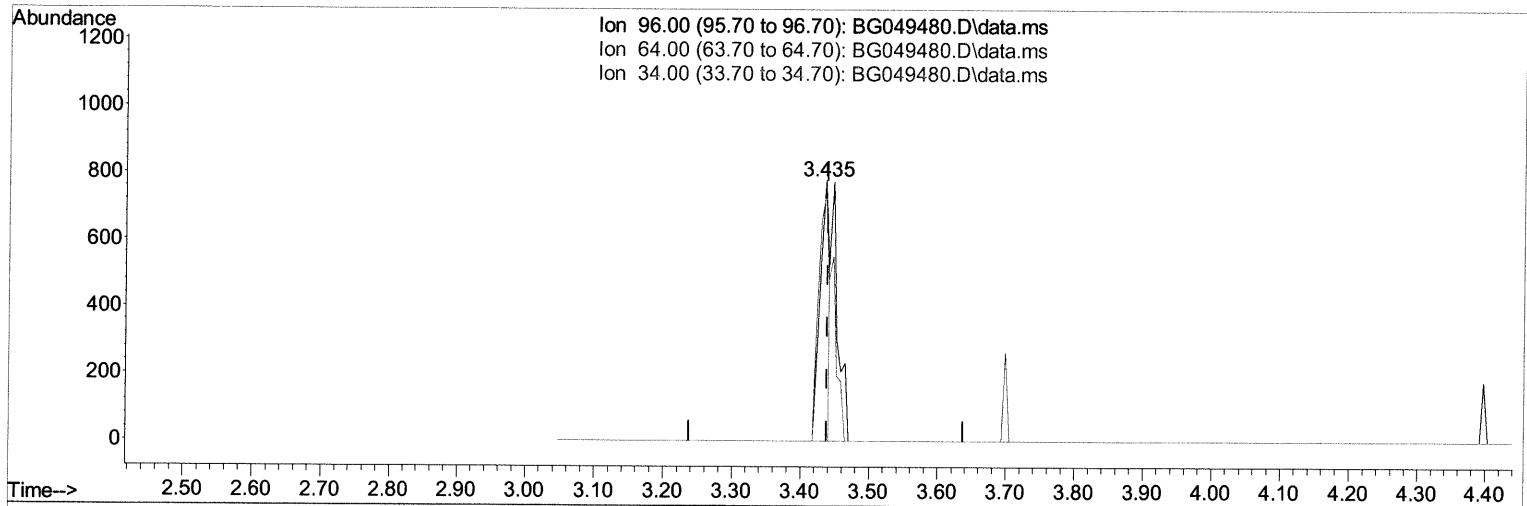
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049480.D
Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0007

Manual Integrations
APPROVED

mohammad
7/27/2021 12:06:36 PM

Quant Time: Jul 26 16:41:41 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: BG049480.D\data.ms

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

3.435min (-0.003) 1.45 ng/uL

response 730

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	95.12#
34.00	0.00	0.00
0.00	0.00	0.00

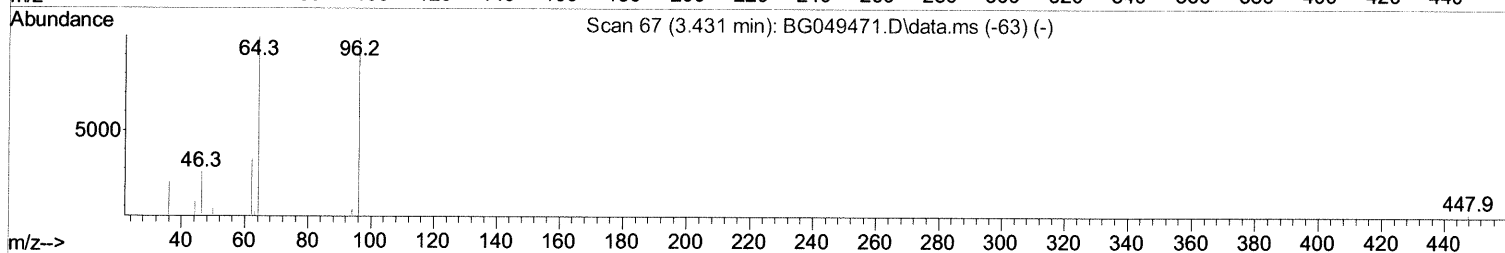
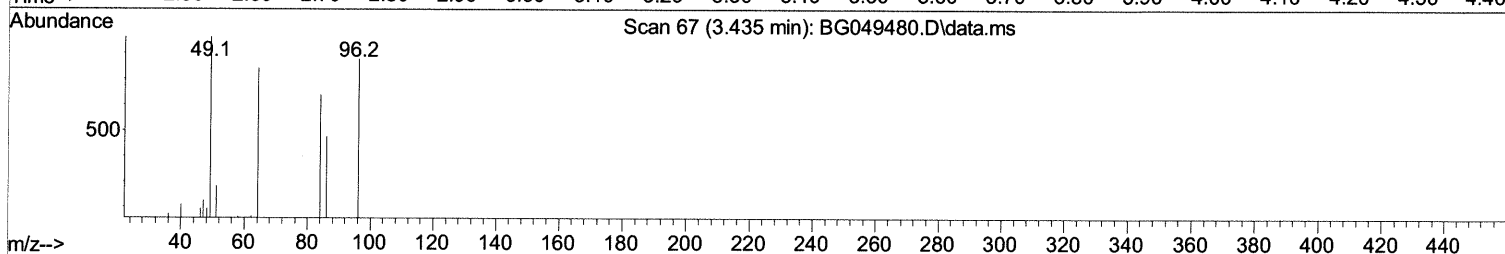
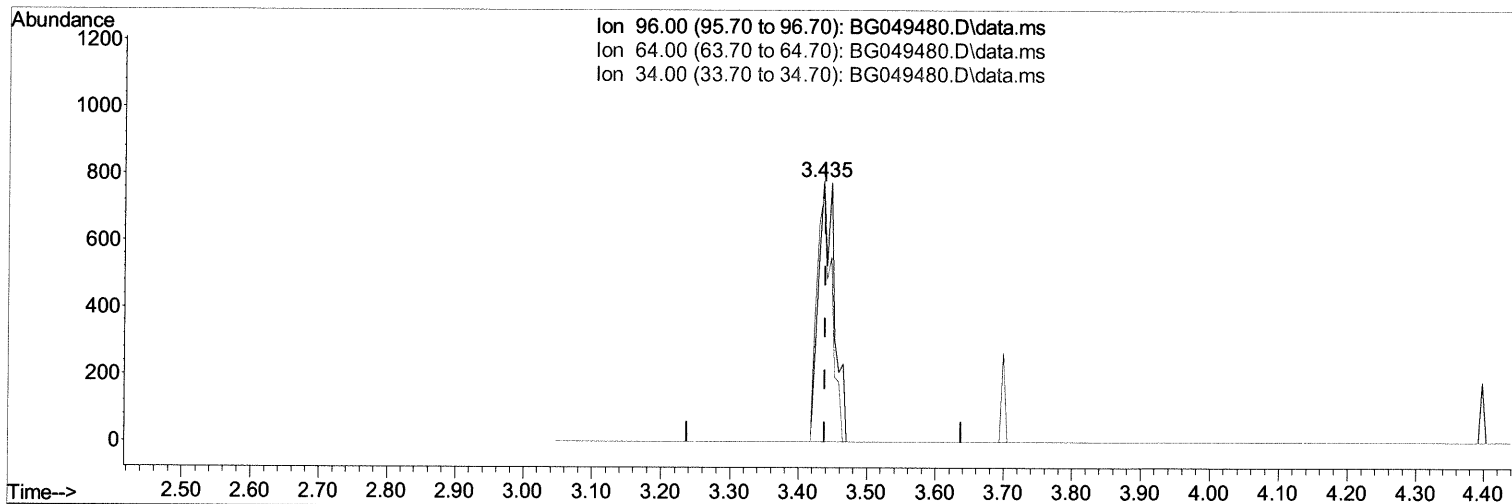
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049480.D
Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG049480.D\data.ms

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

3.435min (-0.003) 2.51 ng/uL m 07/29/21 JU

response 1263

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	95.12#
34.00	0.00	0.00
0.00	0.00	0.00

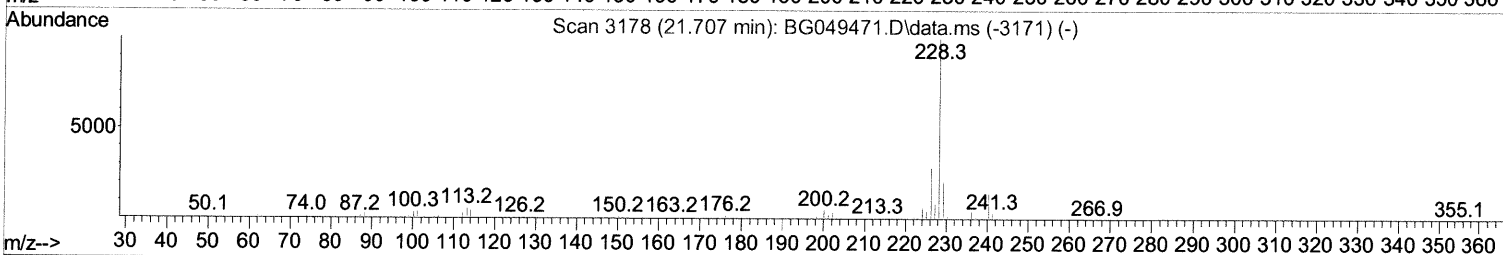
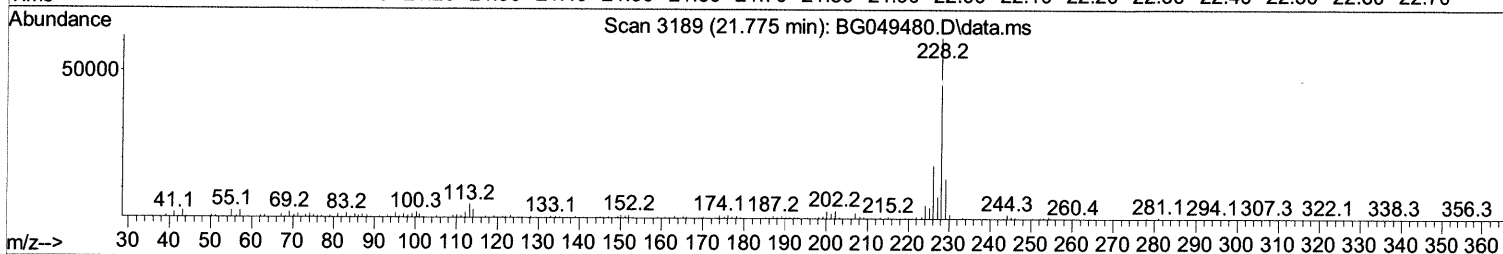
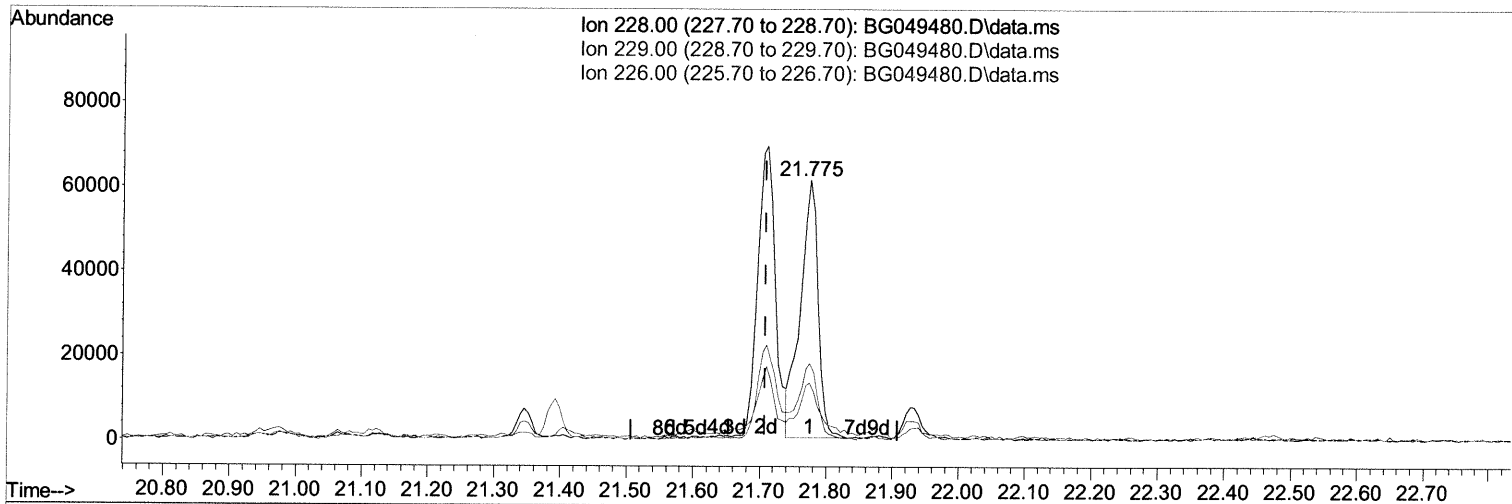
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049480.D
Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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TIC: BG049480.D\data.ms

(85) Benzo (a)anthracene

21.775min (+ 0.067) 14.63 ng/u1

response 114002

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	22.10
226.00	26.40	29.63
0.00	0.00	0.00

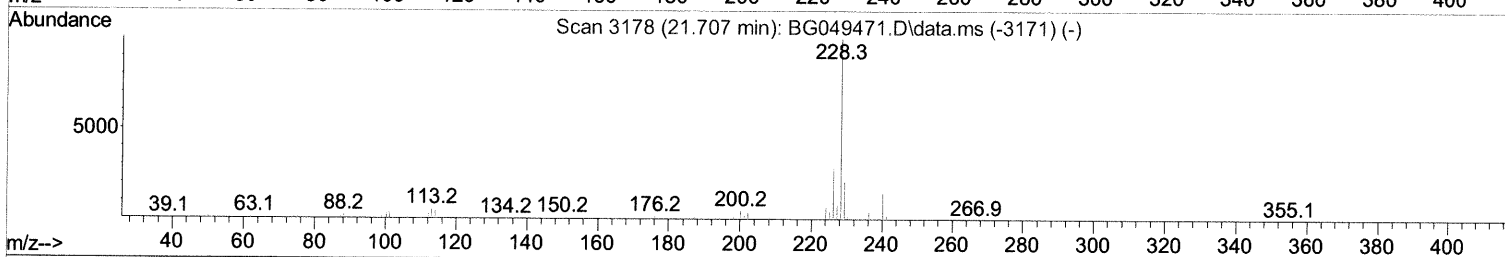
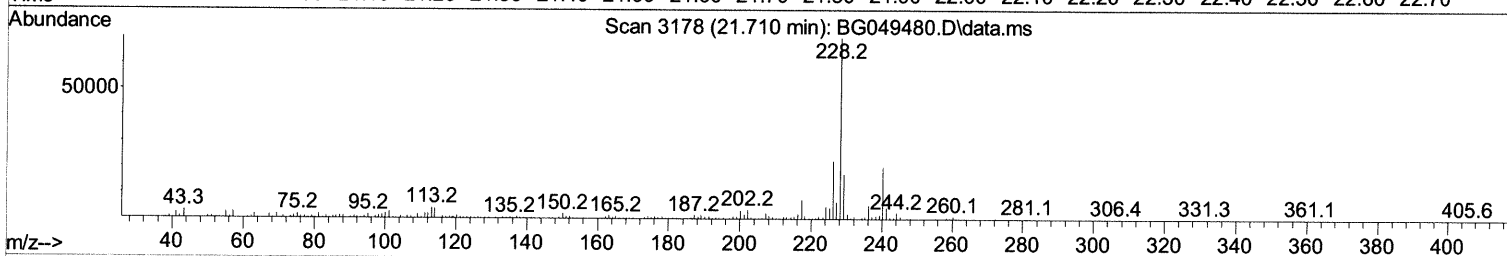
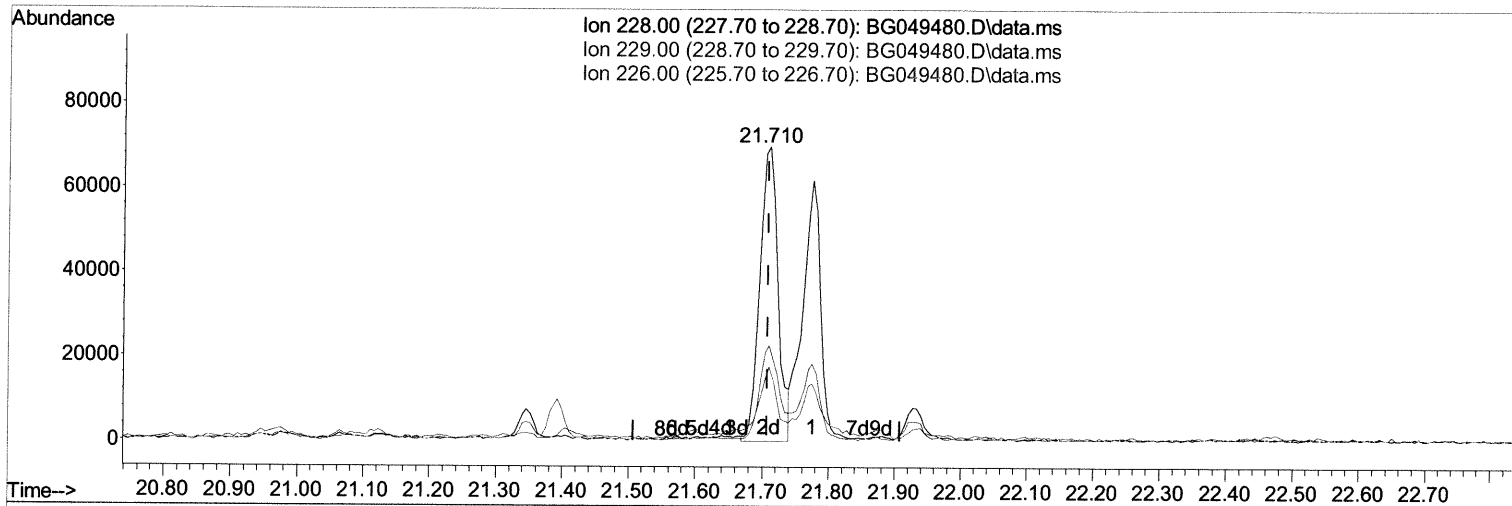
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049480.D
Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Response via : Initial Calibration



TIC: BG049480.D\data.ms

(85) Benzo(a)anthracene

21.710min (+ 0.003) 16.90 ng/ul m 07/29/21 JU

response 131732

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	25.06#
226.00	26.40	32.47#
0.00	0.00	0.00

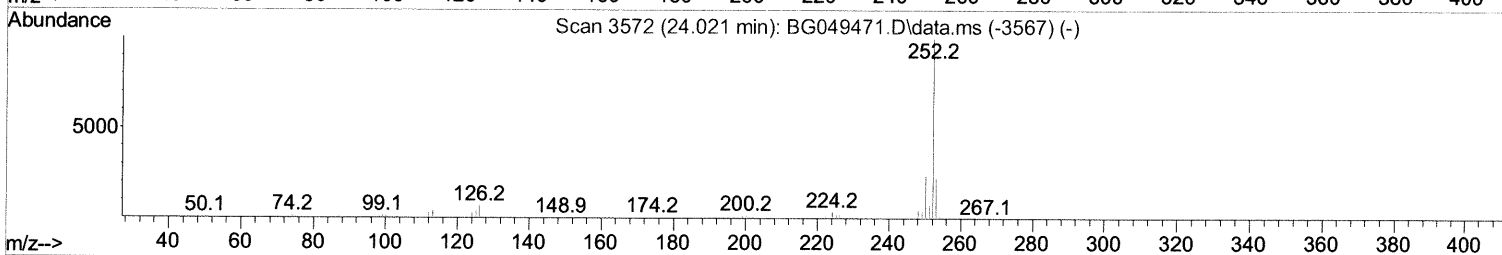
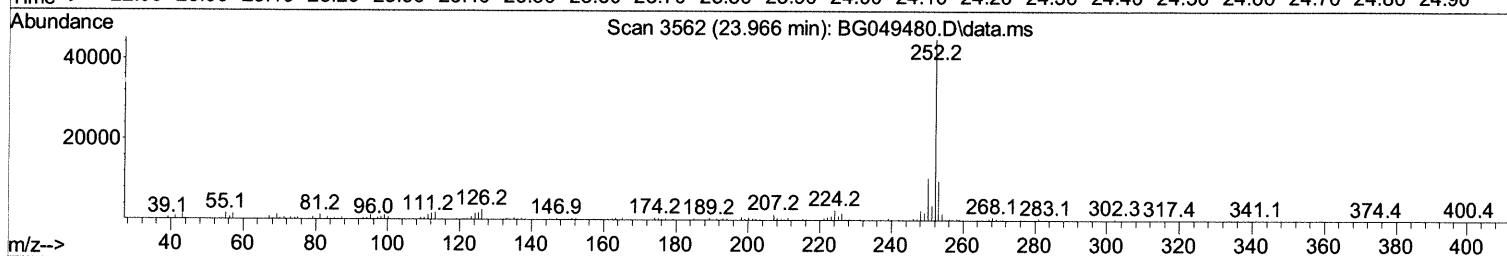
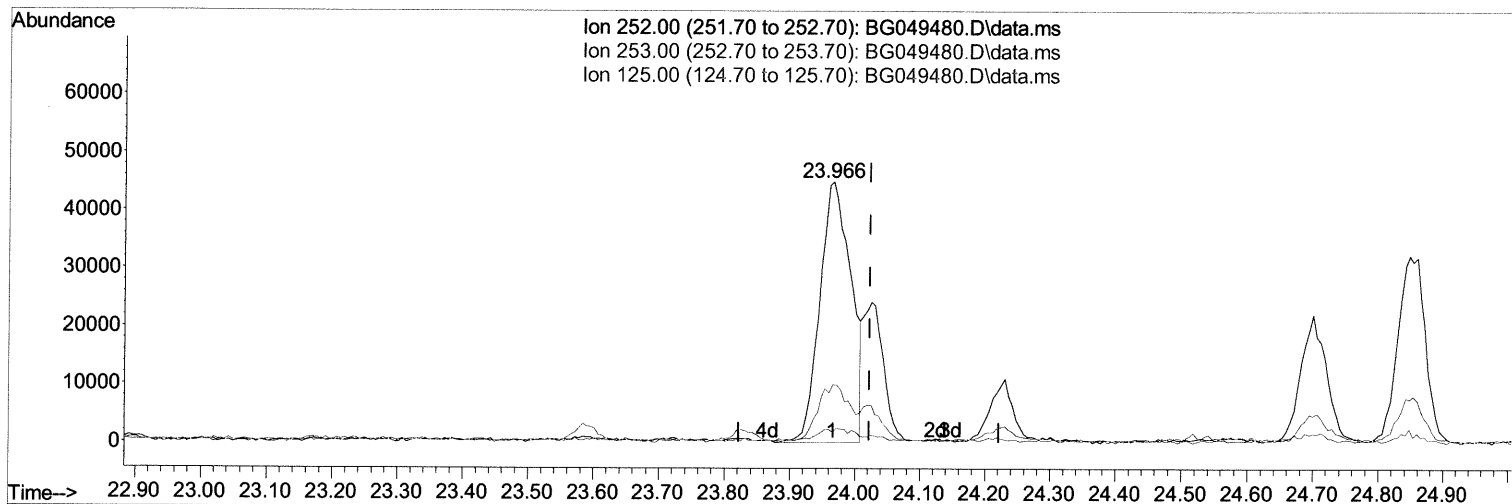
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049480.D
Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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TIC: BG049480.D\data.ms

(91) Benzo(k)fluoranthene

23.966min (-0.056) 17.17 ng/ul

response 149612

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.03
125.00	5.80	3.90#
0.00	0.00	0.00

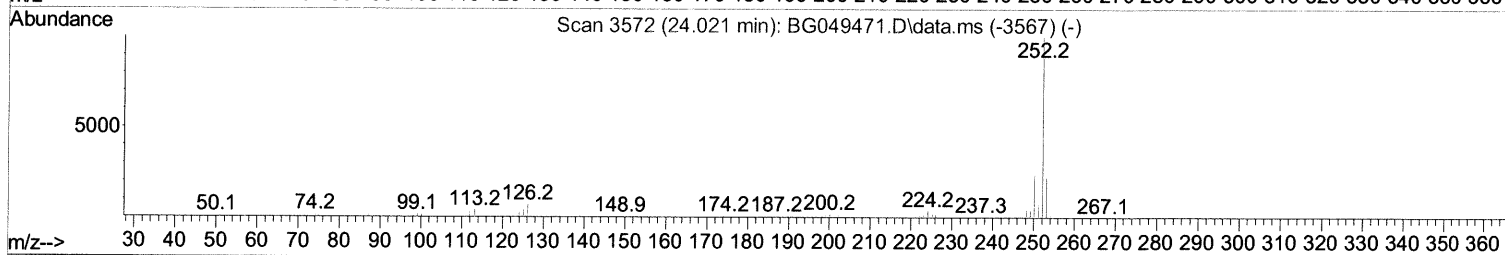
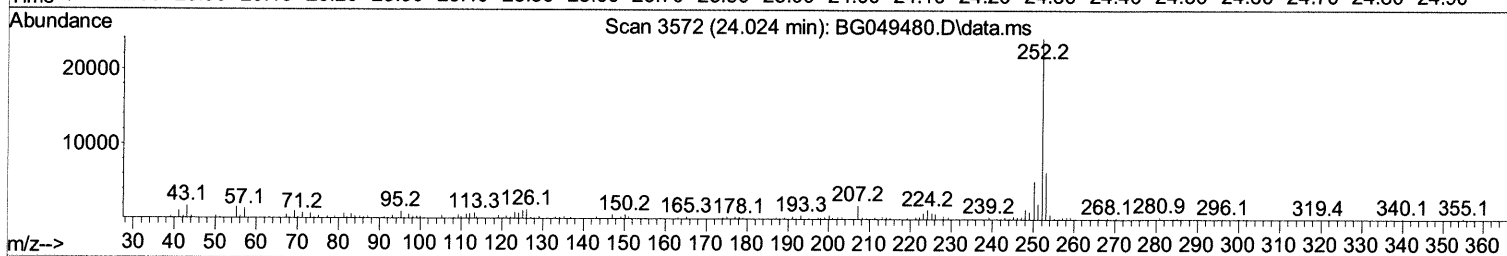
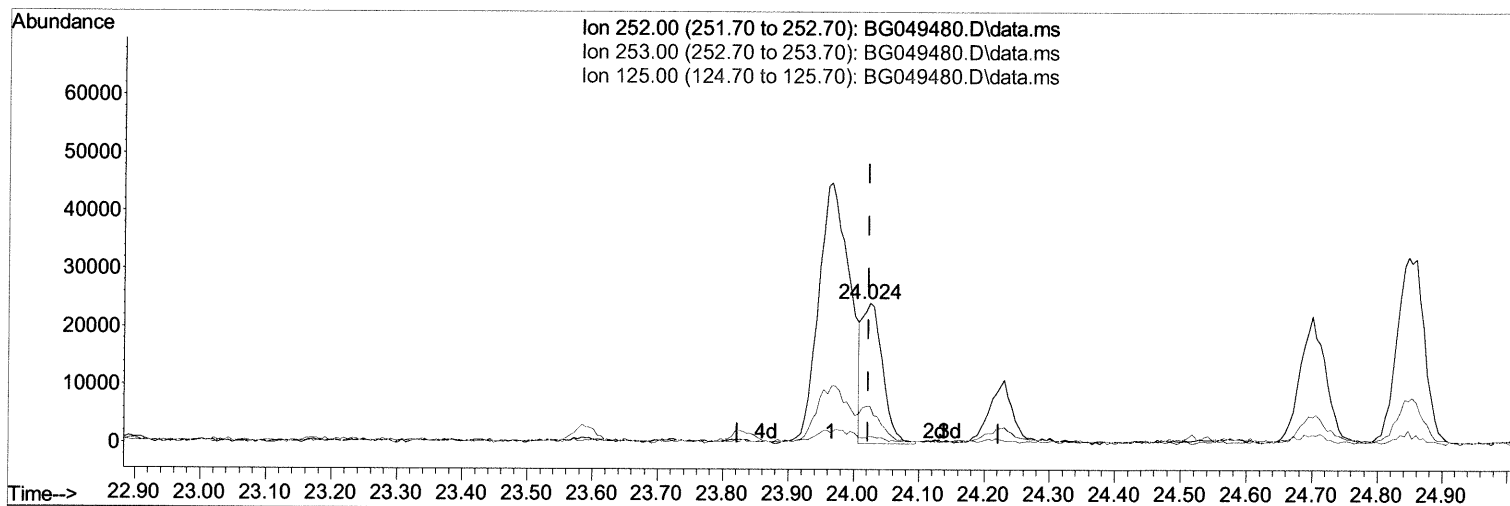
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049480.D
Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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



TIC: BG049480.D\data.ms

(91) Benzo(k)fluoranthene

24.024min (+ 0.003) 6.04 ng/ul m 07/29/21 JU

response 52685

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	26.52#
125.00	5.80	5.00
0.00	0.00	0.00

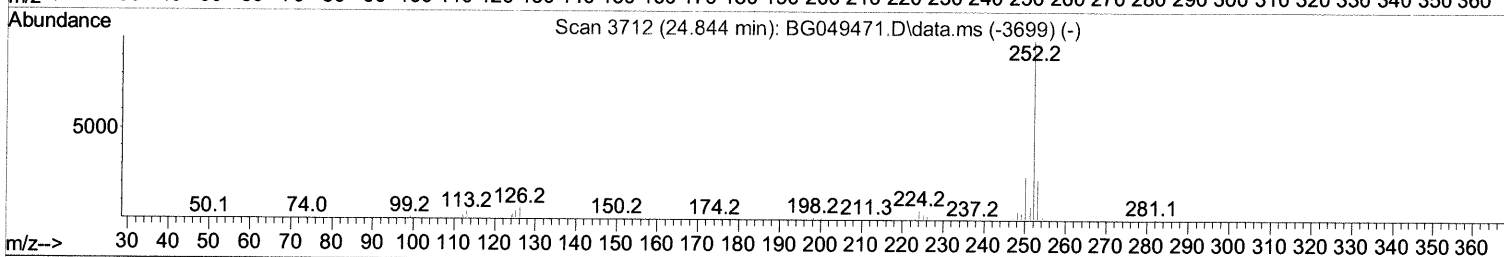
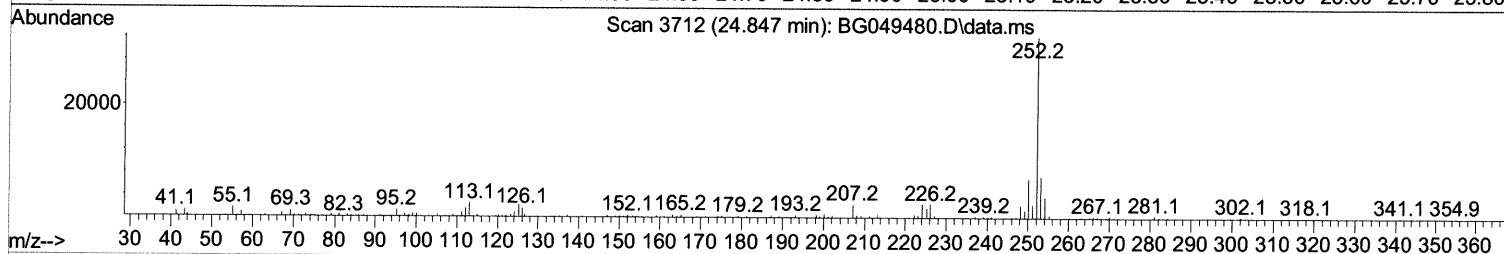
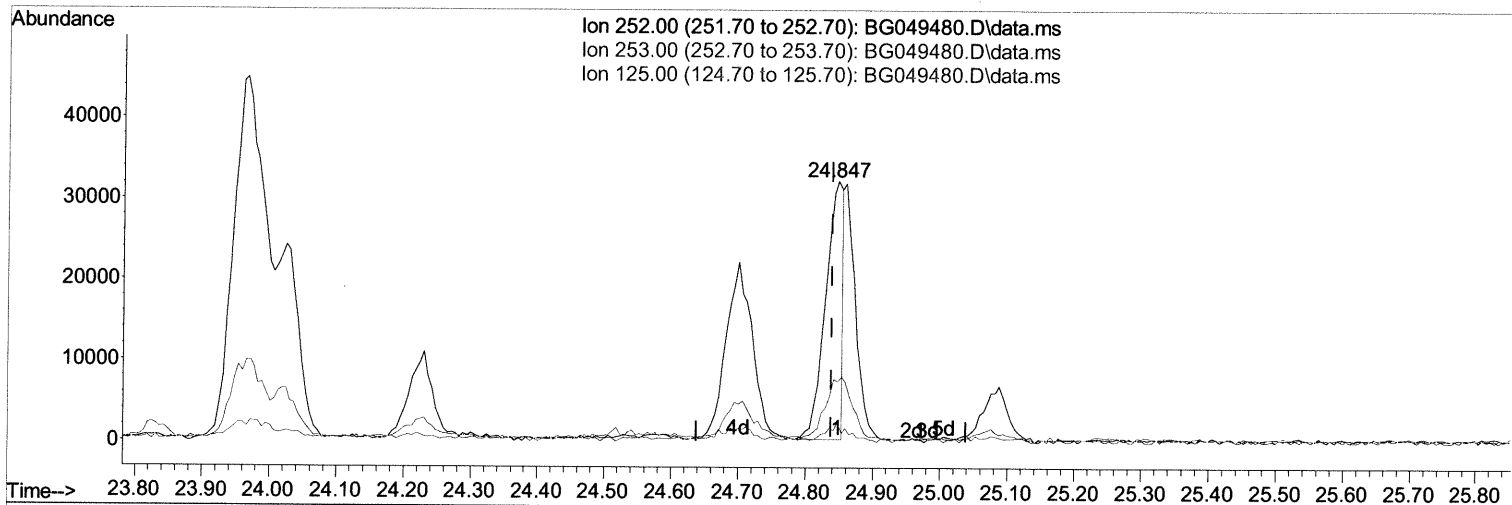
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Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BG049480.D\data.ms

(93) Benzo(a)pyrene (C)

24.847min (+ 0.008) 7.45 ng/u1

response 57591

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.50	23.11
125.00	5.70	7.38#
0.00	0.00	0.00

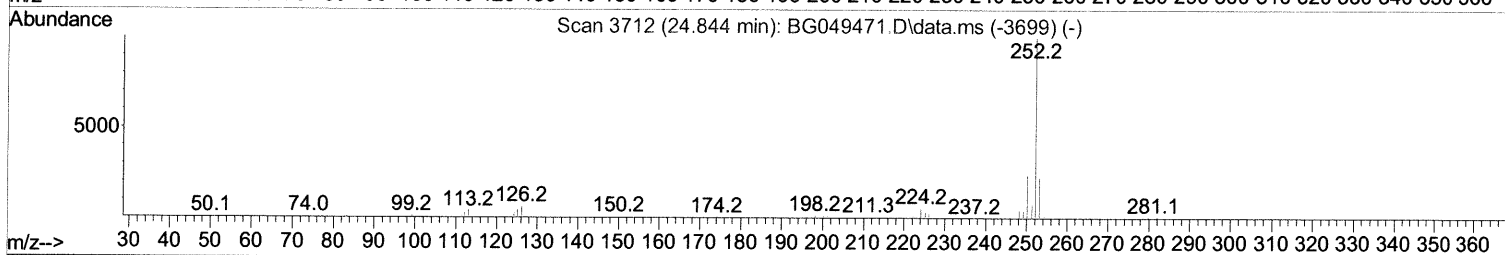
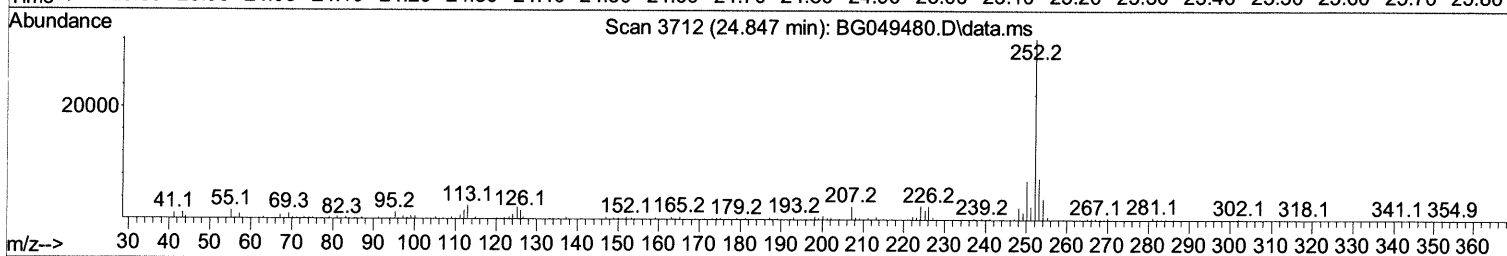
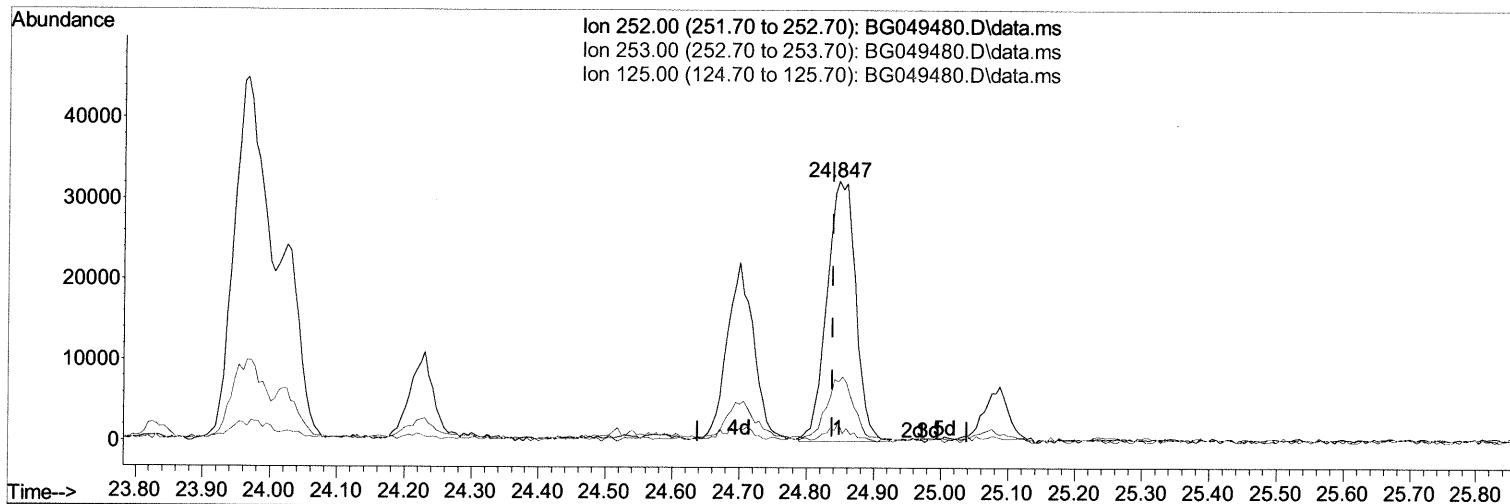
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049480.D
Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0007

Manual Integrations
APPROVED

mohammad
7/27/2021 12:06:36 PM

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Response via : Initial Calibration



TIC: BG049480.D\data.ms

(93) Benzo(a)pyrene (C)

24.847min (+ 0.008) 12.43 ng/ul m 07/29/21 JU

response 96058

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.50	23.11
125.00	5.70	7.38#
0.00	0.00	0.00

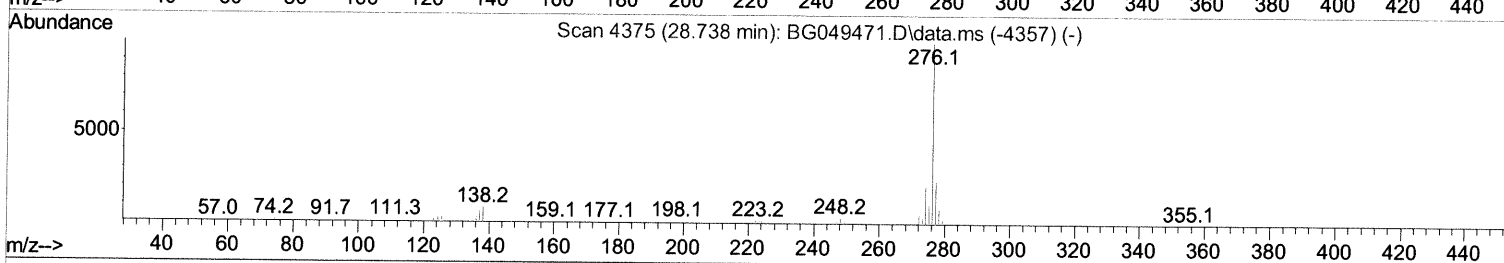
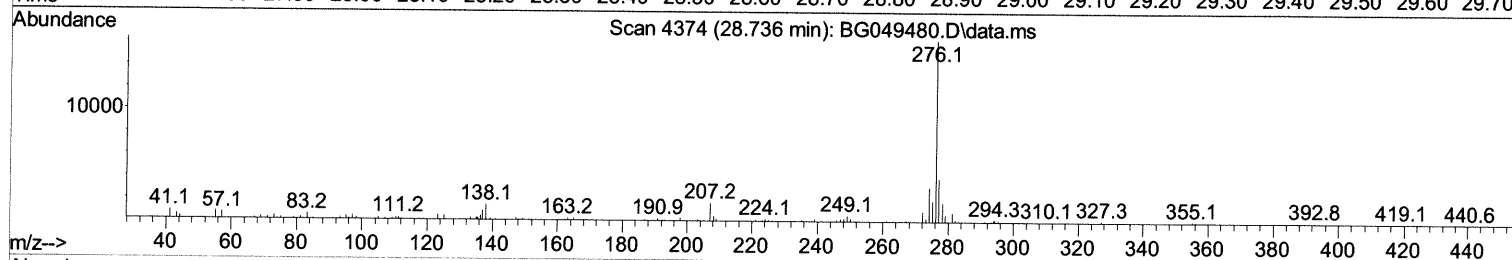
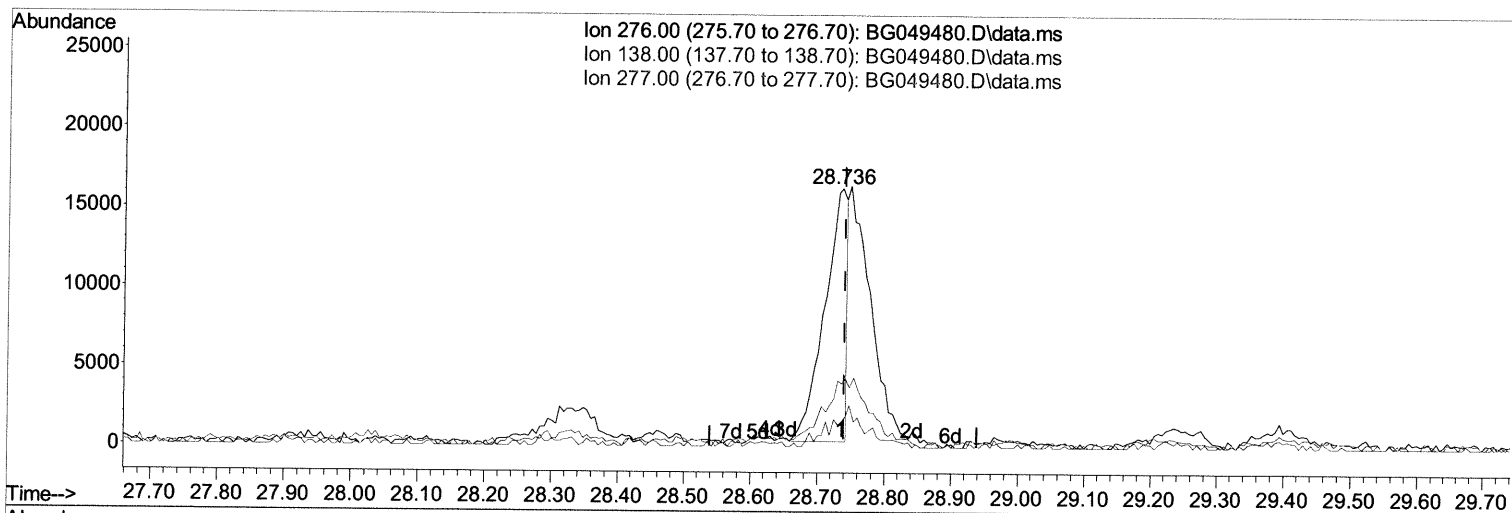
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Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0007

Manual Integrations
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TIC: BG049480.D\data.ms

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

28.736min (-0.003) 3.78 ng/ul

response 37296

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	9.30
277.00	24.00	24.48
0.00	0.00	0.00

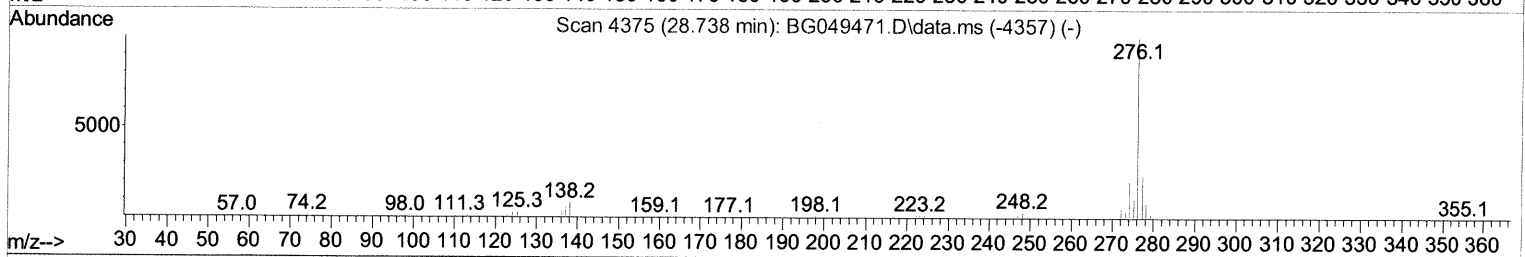
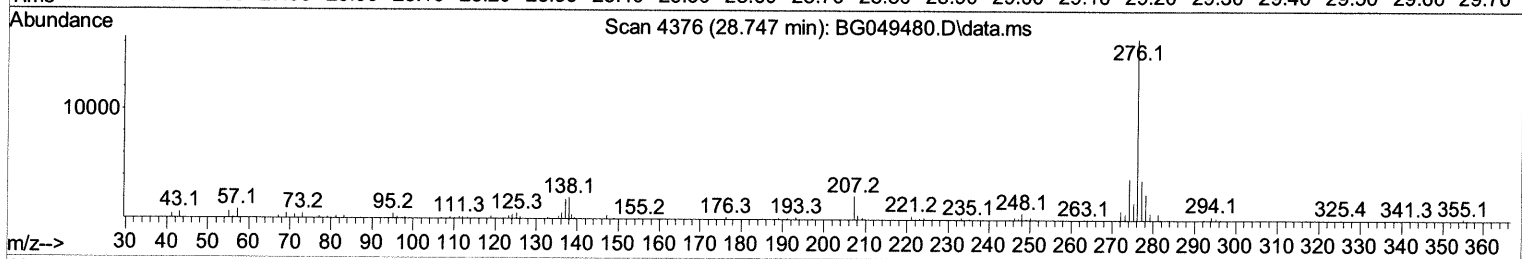
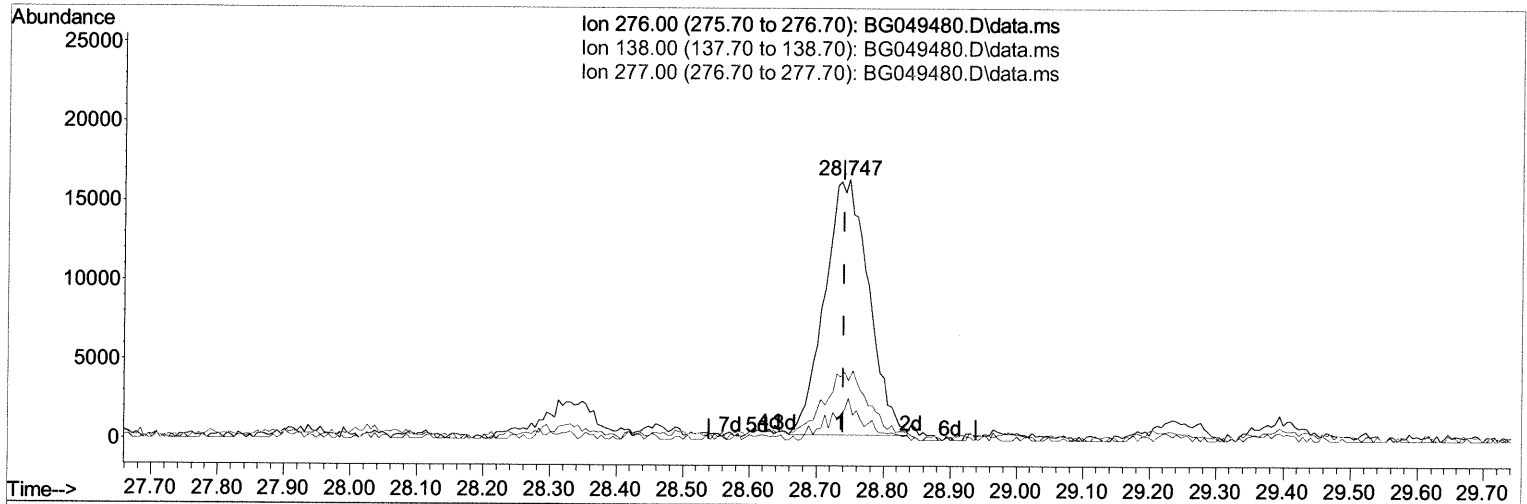
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Acq On : 26 Jul 2021 15:55
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG049480.D\data.ms

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

28.747min (+ 0.008) 7.46 ng/ul m 07/29/21 JU

response 73577

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	12.57#
277.00	24.00	22.83
0.00	0.00	0.00

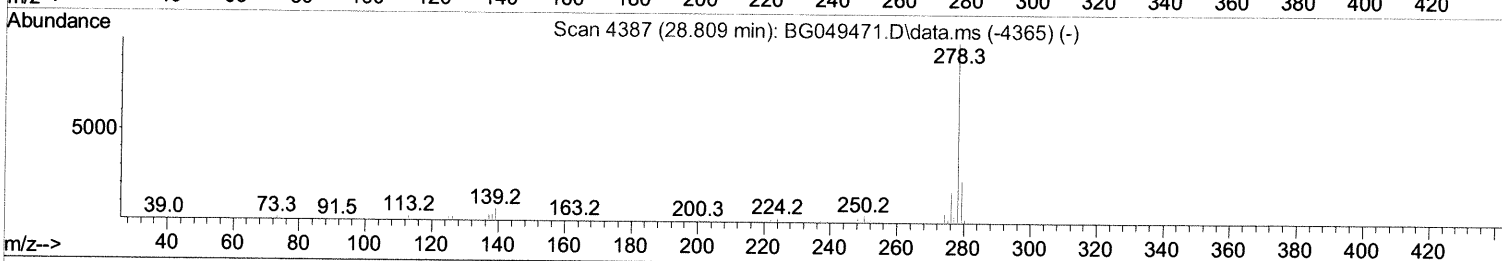
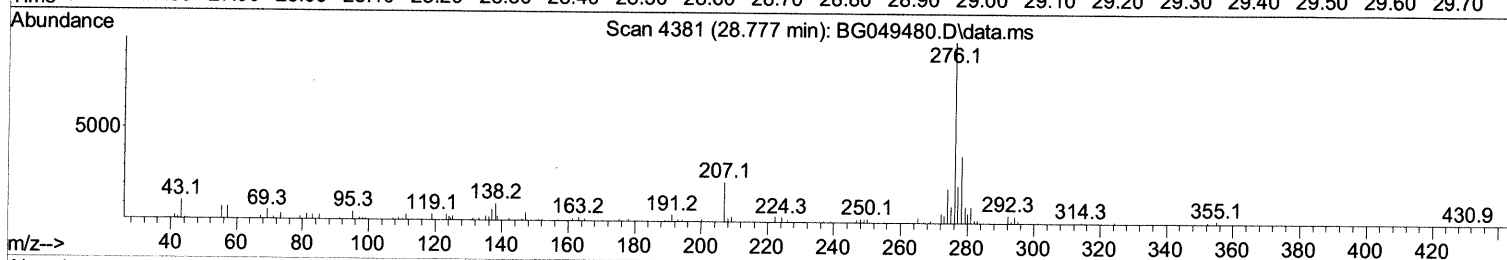
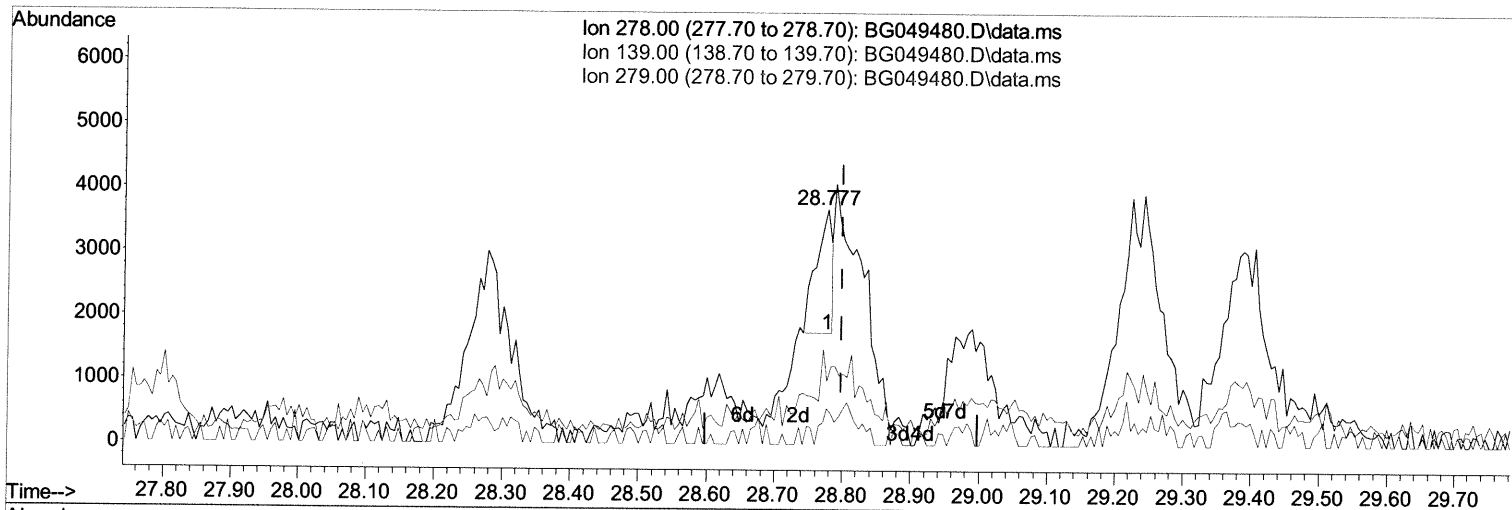
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TIC: BG049480.D\data.ms

(95) Dibenzo(a,h)anthracene

28.777min (-0.021) 0.39 ng/ul

response 3216

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.50	15.36#
279.00	24.60	26.95
0.00	0.00	0.00

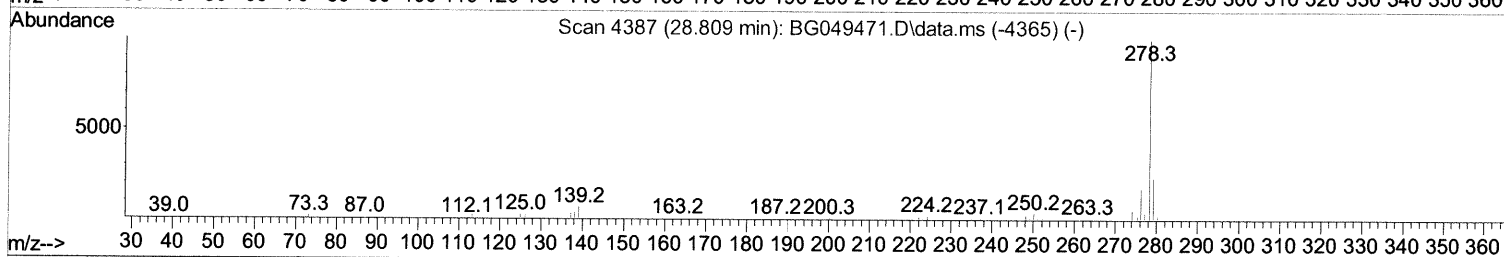
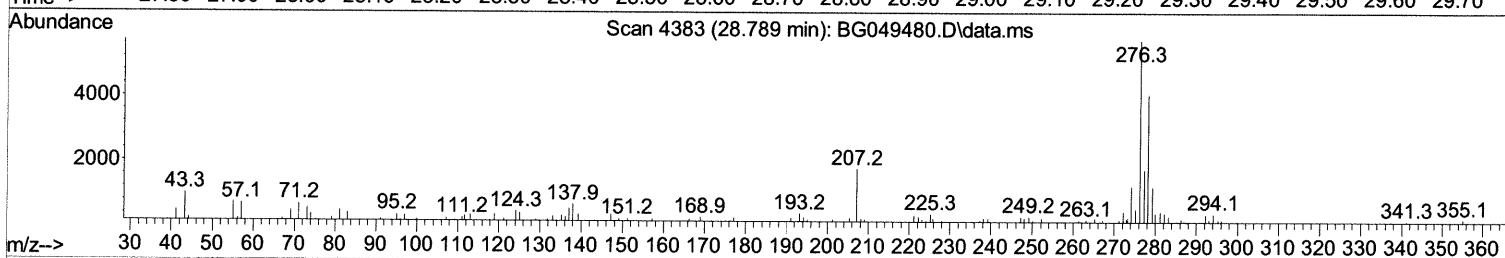
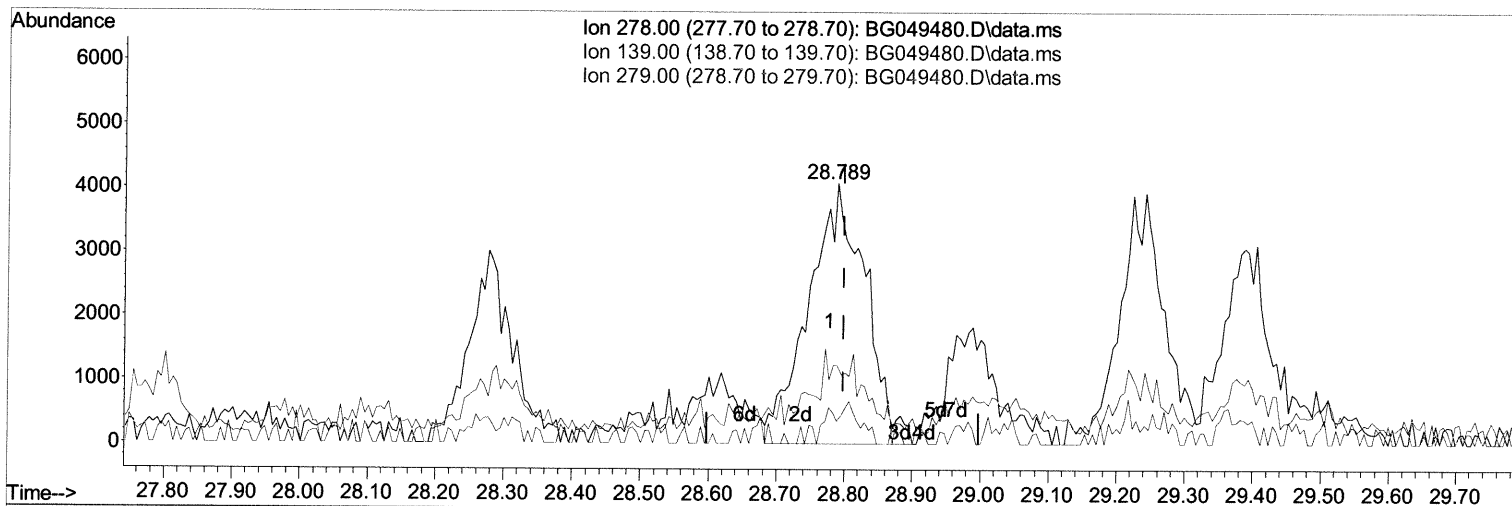
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TIC: BG049480.D\data.ms

(95) Dibenzo(a,h)anthracene

28.789min (-0.009) 2.91 ng/ul m 07/29/21 JU

response 23710

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.50	8.72
279.00	24.60	30.17#
0.00	0.00	0.00

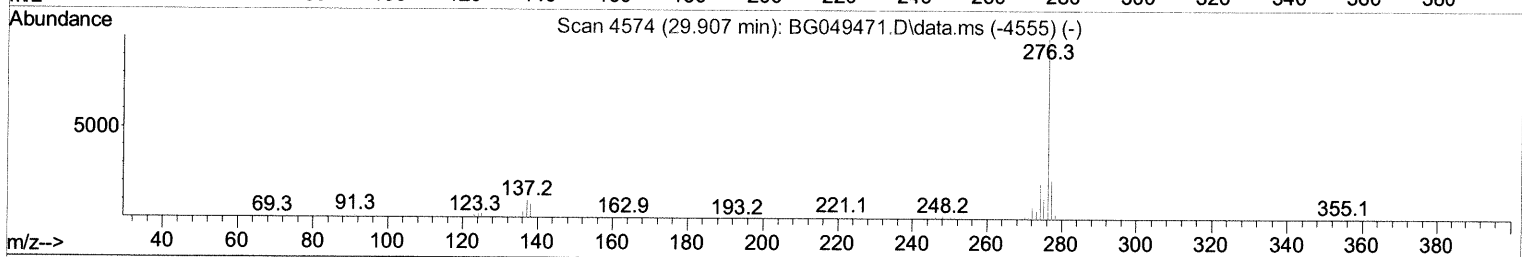
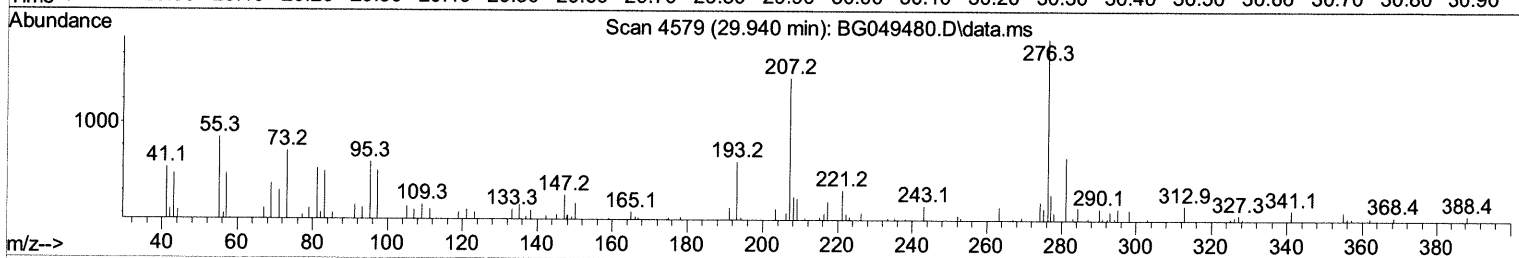
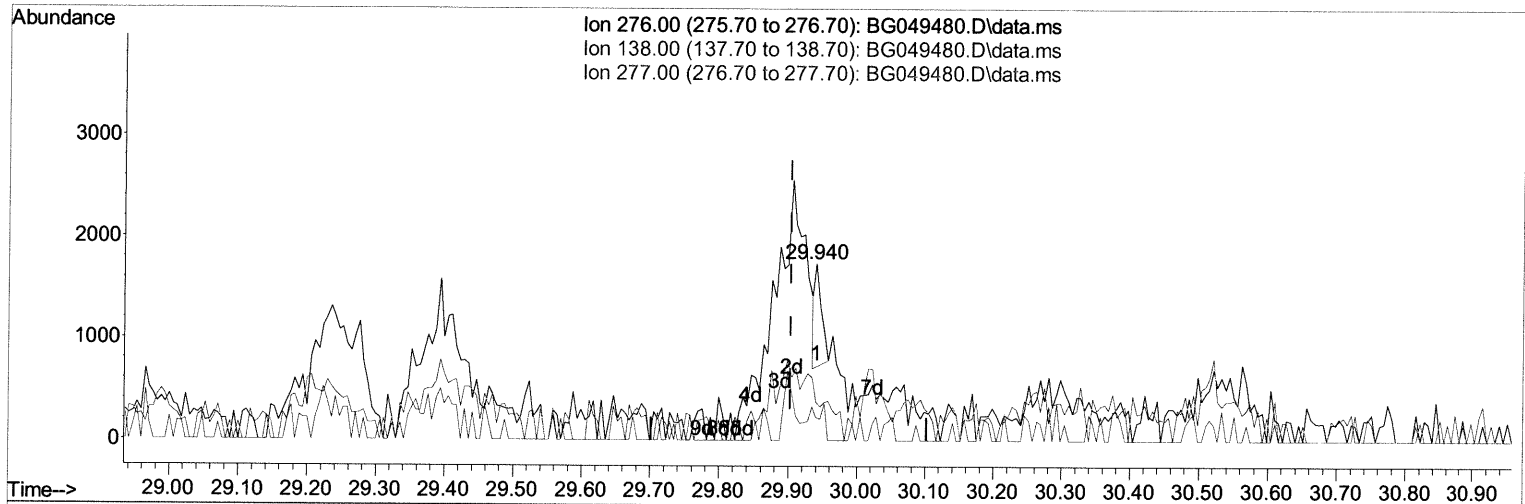
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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TIC: BG049480.D\data.ms

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

29.940min (+ 0.038) 0.08 ng/u1

response 671

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	13.04
277.00	25.80	21.88
0.00	0.00	0.00

Quantitation Report (Qedit)

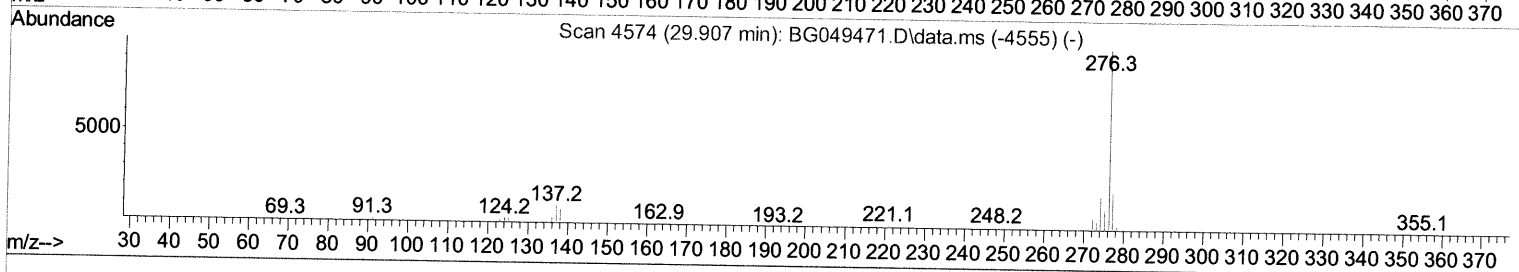
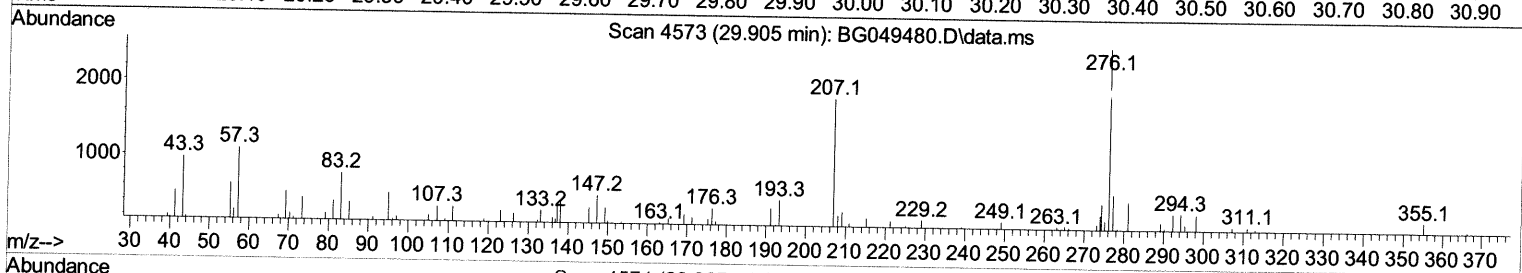
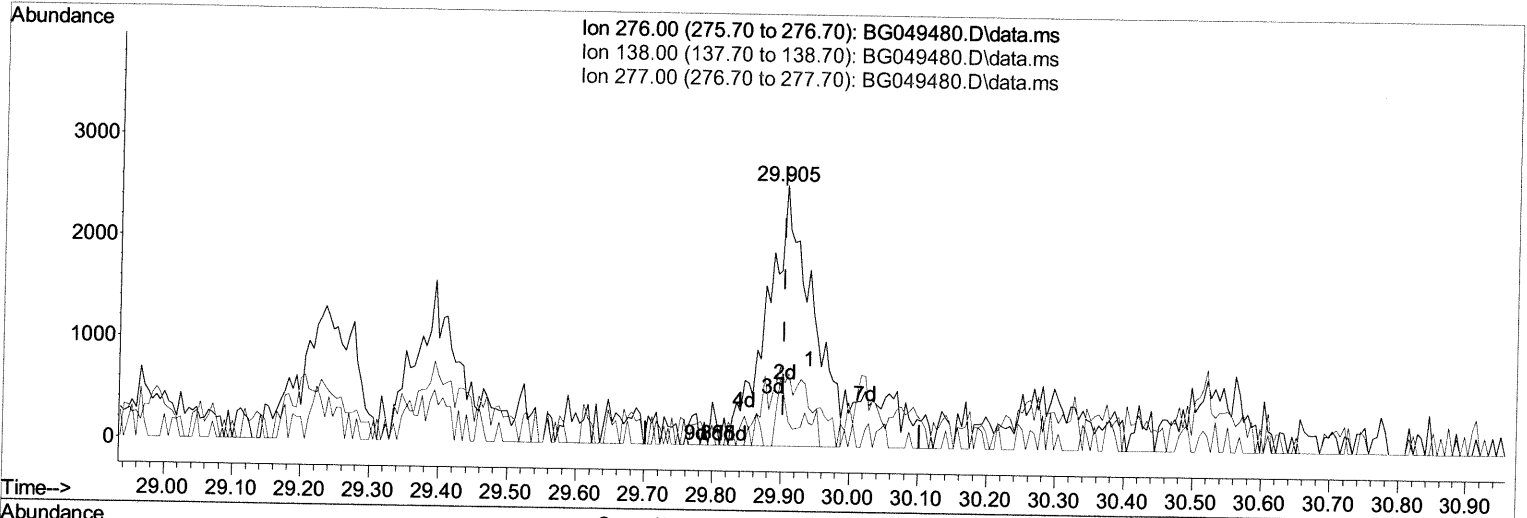
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049480.D
 Acq On : 26 Jul 2021 15:55
 Operator : CG/JU
 Sample : M3082-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0007

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:06:36 PM

Quant Time: Jul 26 16:41:41 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: BG049480.D\data.ms

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

29.905min (+ 0.003) 1.41 ng/ul m 07/29/21 JU

response 11572

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	17.23#
277.00	25.80	24.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049480.D
 Acq On : 26 Jul 2021 15:55
 Operator : CG/JU
 Sample : M3082-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0007

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	22996	20.000	ng/ul	0.00
20) Naphthalene-d8	10.866	136	91139	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.696	164	63000	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	135020	20.000	ng/ul	0.00
79) Chrysene-d12	21.728	240	127462	20.000	ng/ul	0.00
88) Perylene-d12	25.011	264	142085	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	1263m>	2.513	ng/uL	0.00 07/29/21 JU
4) Pyridine-d5	3.875	84	11688	8.096	ng/ul	0.02
7) Phenol-d5	7.200	99	31858	15.658	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.370	67	19005	16.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.576	132	24376	16.714	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	26027	16.971	ng/ul	0.00
21) Nitrobenzene-d5	9.221	128	11972	17.086	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	13465	16.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	24208	16.210	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	22783	10.947	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	78700	16.308	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	93452	16.672	ng/ul	0.00
54) 4-Nitrophenol-d4	14.890	143	10592	13.328	ng/ul	0.00
60) Fluorene-d10	15.689	176	68693	16.523	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.800	200	9050	10.817	ng/ul	0.00
73) Anthracene-d10	17.545	188	107574	17.142	ng/ul	0.00
81) Pyrene-d10	19.830	212	115564	17.731	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.782	264	107999	14.462	ng/ul	0.01
Target Compounds						
30) Naphthalene	10.919	128	10716	2.283	ng/ul	Qvalue 100
36) 2-Methylnaphthalene	12.522	142	8034	2.338	ng/ul	94
37) 1-Methylnaphthalene	12.740	142	6164	1.775	ng/ul#	85
50) Acenaphthylene	14.420	152	7464	1.394	ng/ul	96
56) Dibenzofuran	15.095	168	6099	1.177	ng/ul	99
61) Fluorene	15.742	166	10401	2.363	ng/ul#	93
72) Phenanthrene	17.486	178	162903	23.176	ng/ul	98
74) Anthracene	17.580	178	47993	6.738	ng/ul	97
80) Fluoranthene	19.501	202	286006	36.140	ng/ul	99
82) Pyrene	19.859	202	227138	28.908	ng/ul	100
85) Benzo(a)anthracene	21.710	228	131732m>	16.904	ng/ul	07/29/21 JU
87) Chrysene	21.775	228	114002	15.284	ng/ul	96
90) Benzo(b)fluoranthene	23.966	252	149612	16.800	ng/ul#	98
91) Benzo(k)fluoranthene	24.024	252	52685m	6.045	ng/ul	} 07/29/21 JU
93) Benzo(a)pyrene	24.847	252	96058m	12.433	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.747	276	73577m	7.464	ng/ul	
95) Dibenzo(a,h)anthracene	28.789	278	23710m	2.907	ng/ul	
96) Benzo(g,h,i)perylene	29.905	276	11572m	1.412	ng/ul	

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