

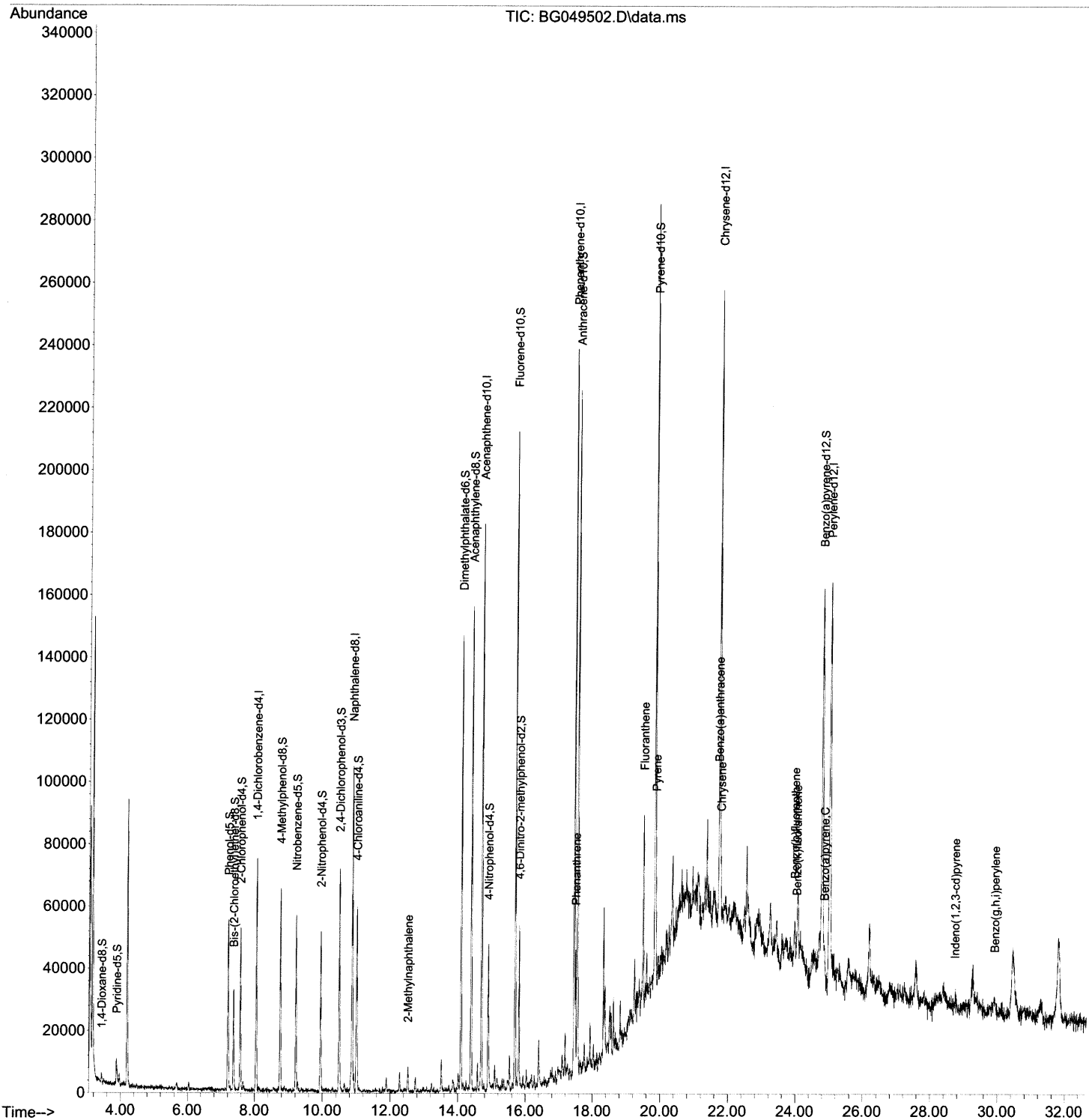
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049502.D
Acq On : 27 Jul 2021 11:03
Operator : CG/JU
Sample : M3084-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
C0024

Manual Integrations
APPROVED

mohammad
7/28/2021 11:29:28 AM

Quant Time: Jul 27 12:13:20 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
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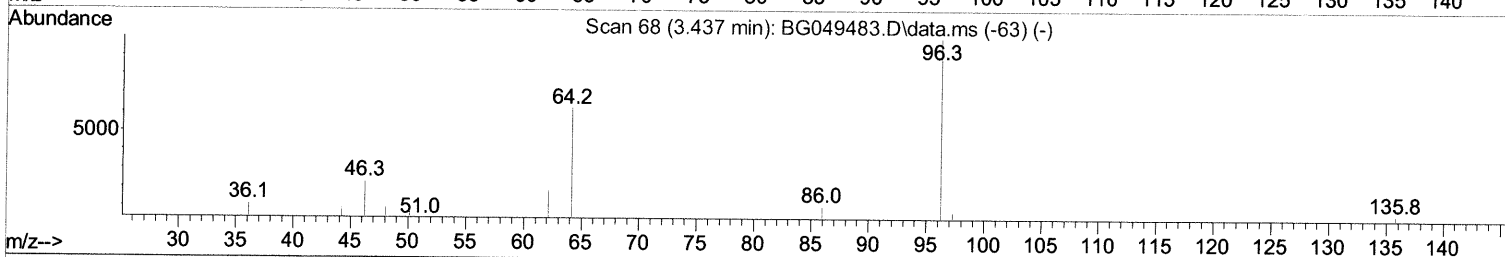
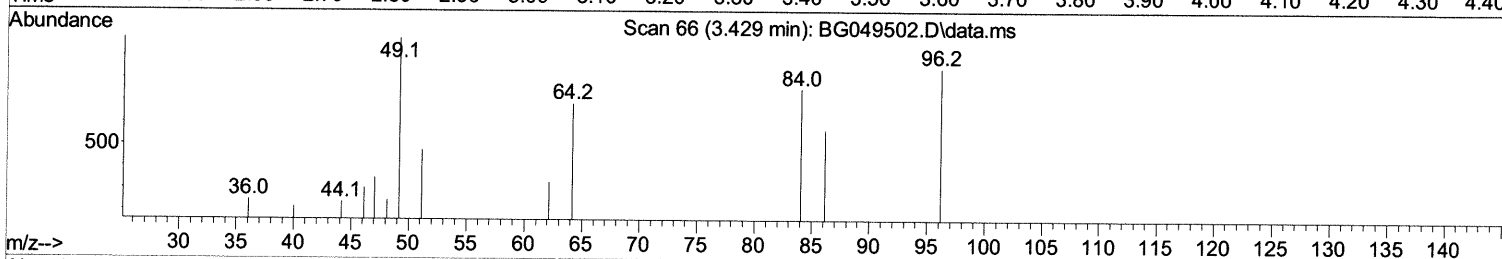
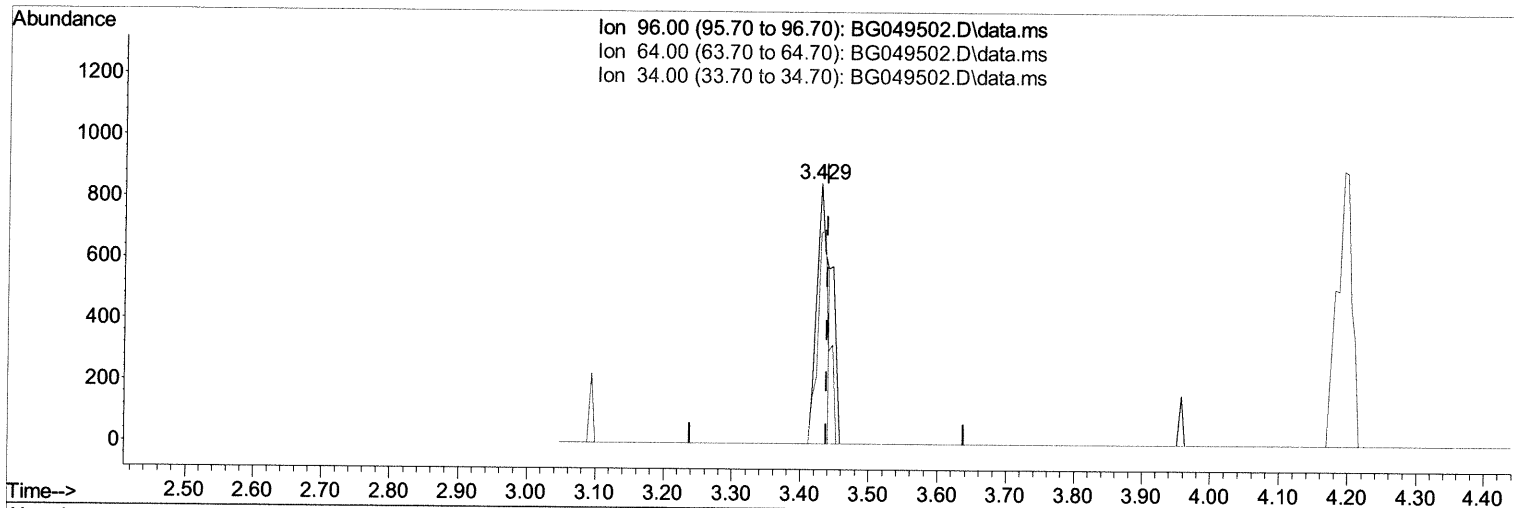
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TIC: BG049502.D\data.ms

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

3.429min (-0.009) 2.23 ng/uL

response 975

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	80.73#
34.00	0.00	0.00
0.00	0.00	0.00

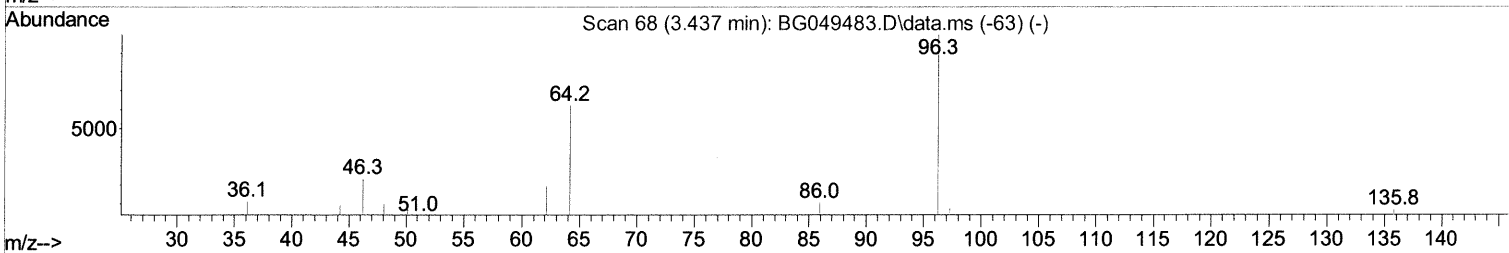
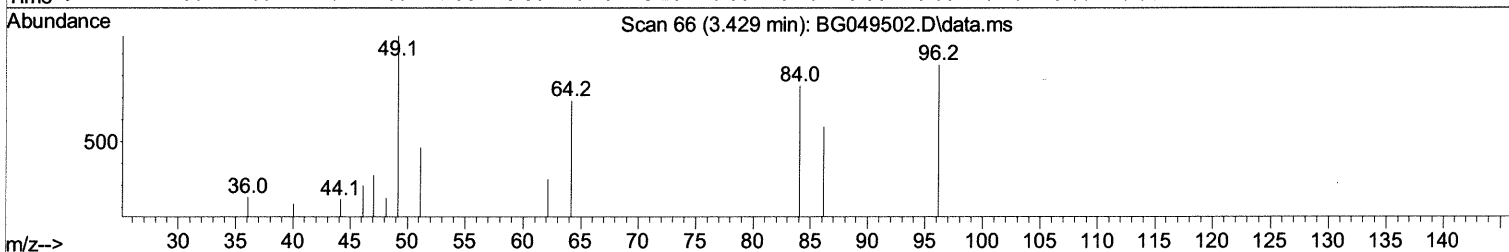
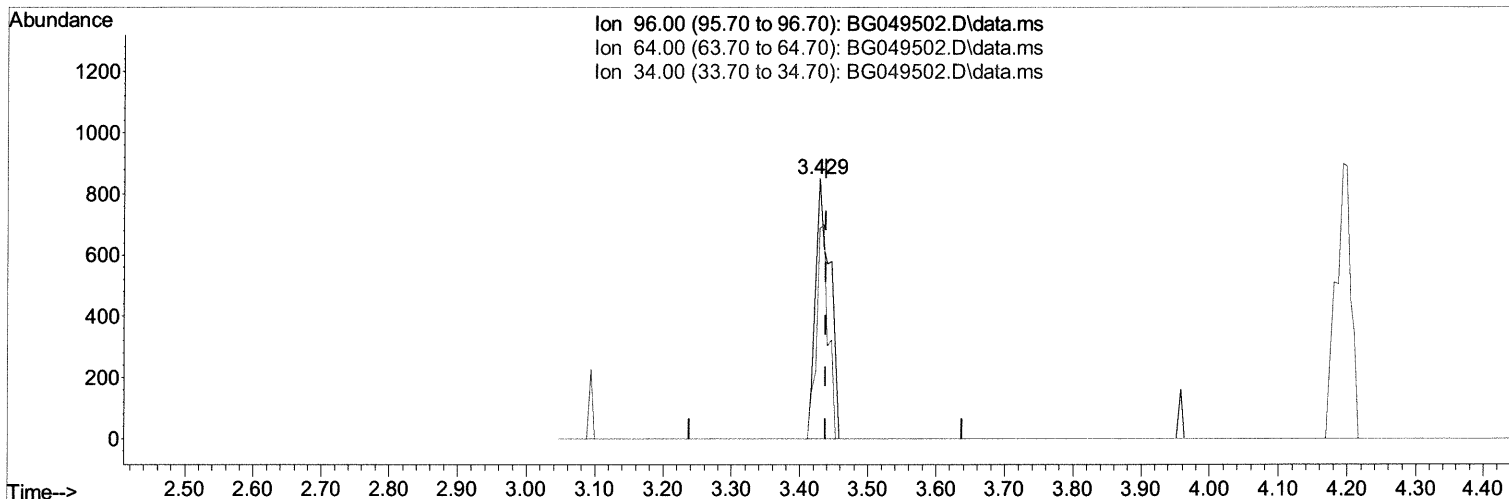
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049502.D
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Sample : M3084-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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TIC: BG049502.D\data.ms

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

3.429min (-0.009) 2.91 ng/uL m 07/29/21 JU

response 1272

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	80.73#
34.00	0.00	0.00
0.00	0.00	0.00

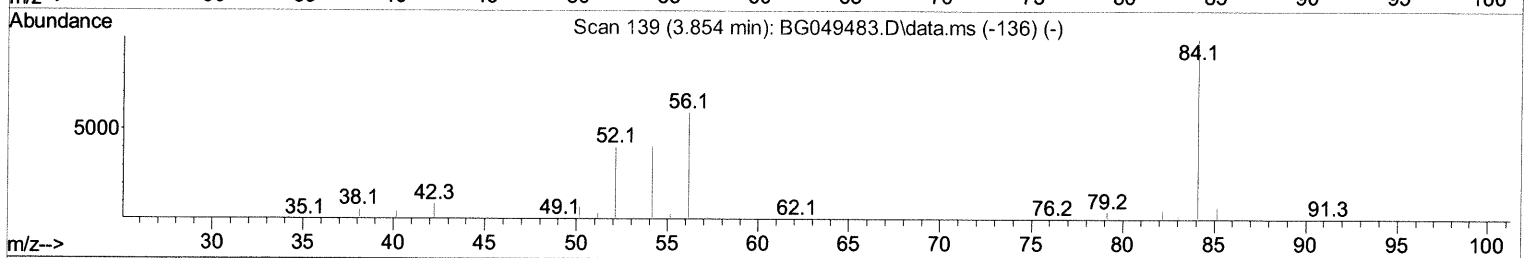
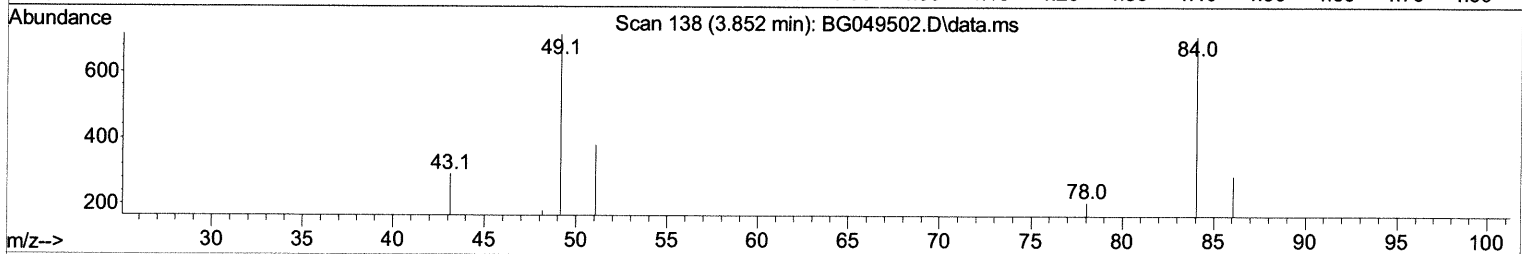
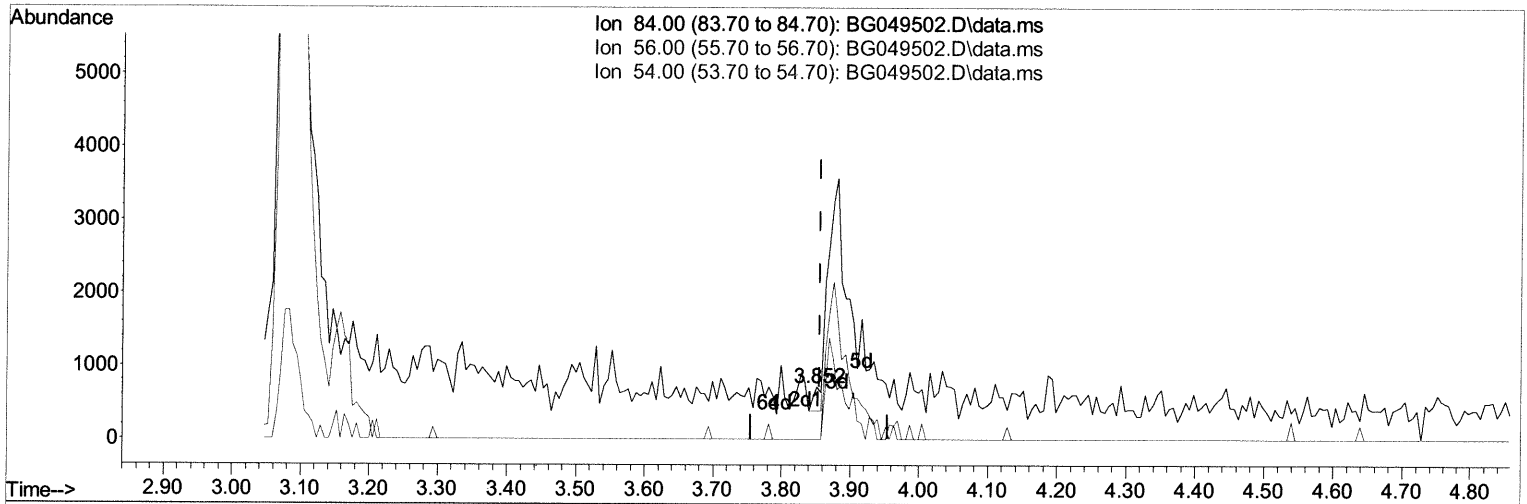
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049502.D
Acq On : 27 Jul 2021 11:03
Operator : CG/JU
Sample : M3084-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BG049502.D\data.ms

(4) Pyridine-d5 (S)

3.852min (-0.003) 0.21 ng/ul

response 267

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

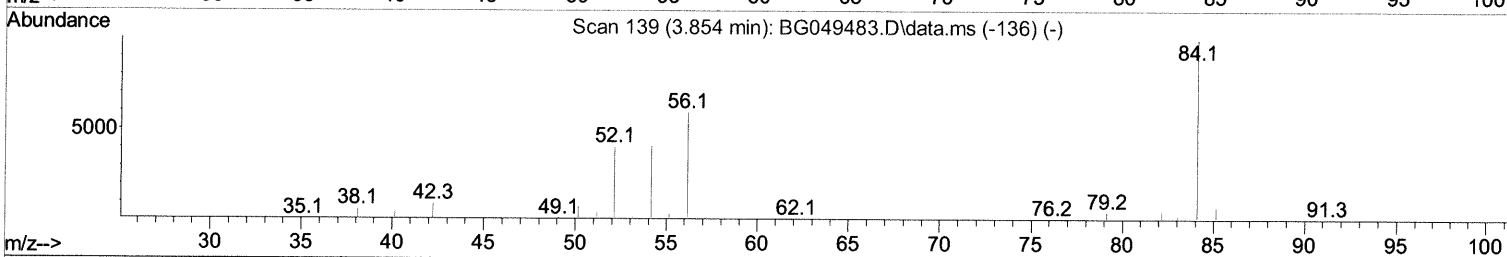
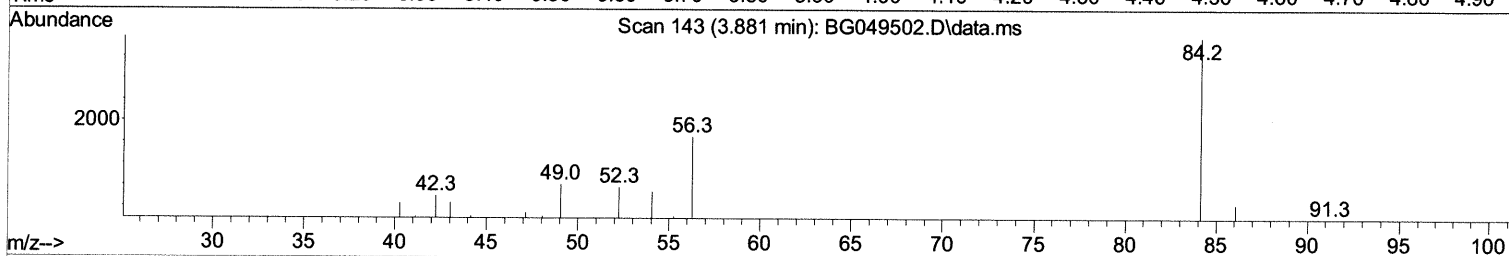
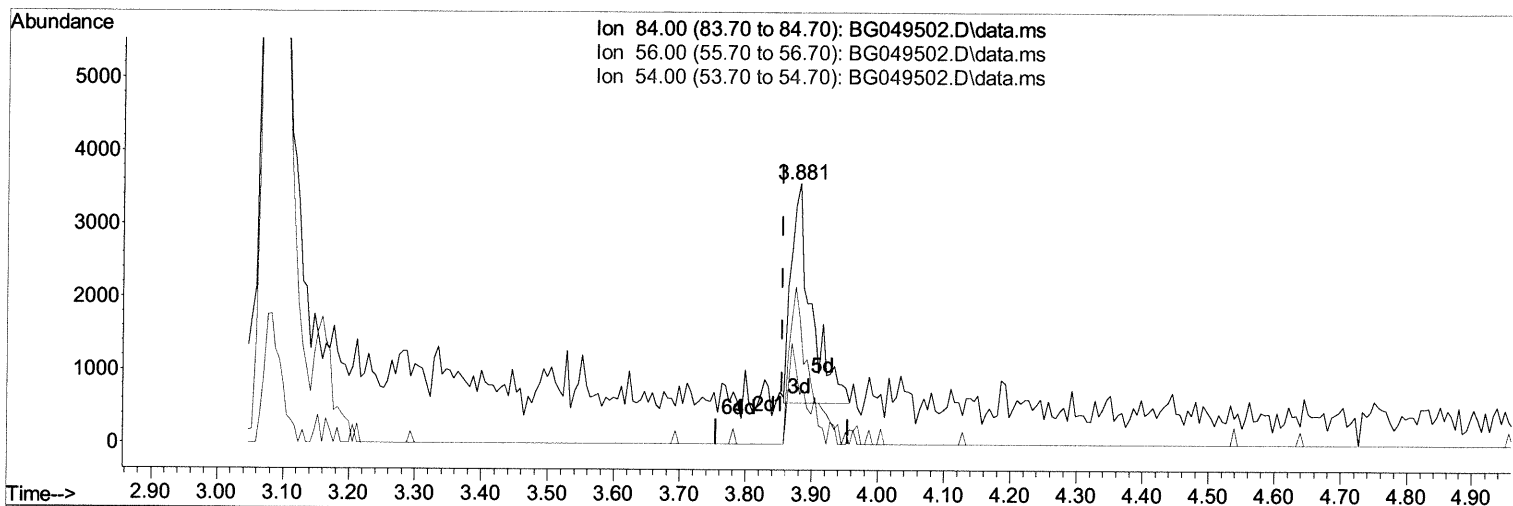
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049502.D
Acq On : 27 Jul 2021 11:03
Operator : CG/JU
Sample : M3084-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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mohammad
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TIC: BG049502.D\data.ms

(4) Pyridine-d5 (S)

3.881min (+ 0.026) 5.11 ng/ul m 07/24/21JU

response 6419

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	47.94
54.00	34.10	18.98#
0.00	0.00	0.00

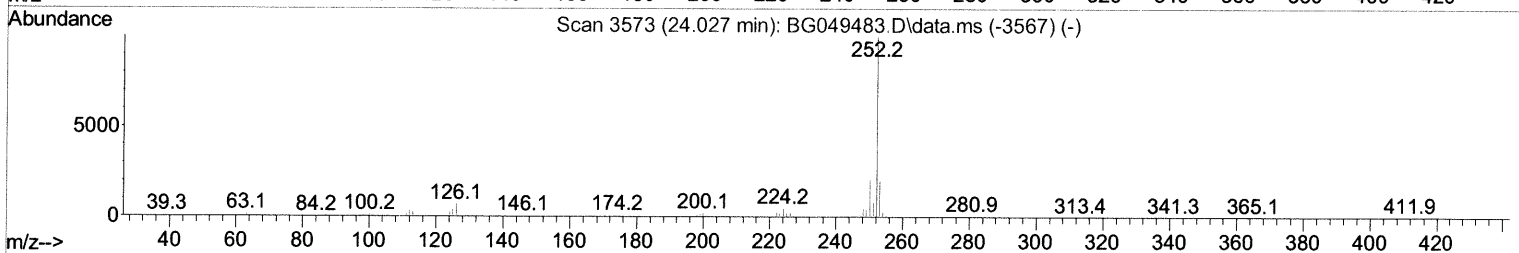
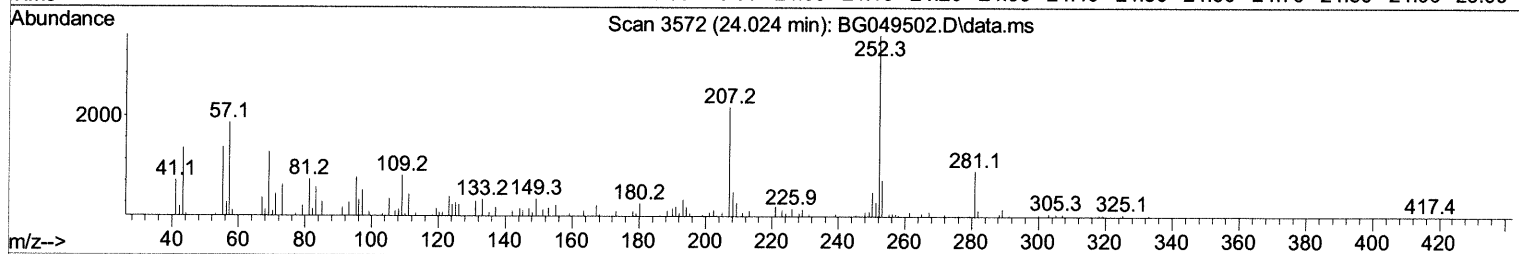
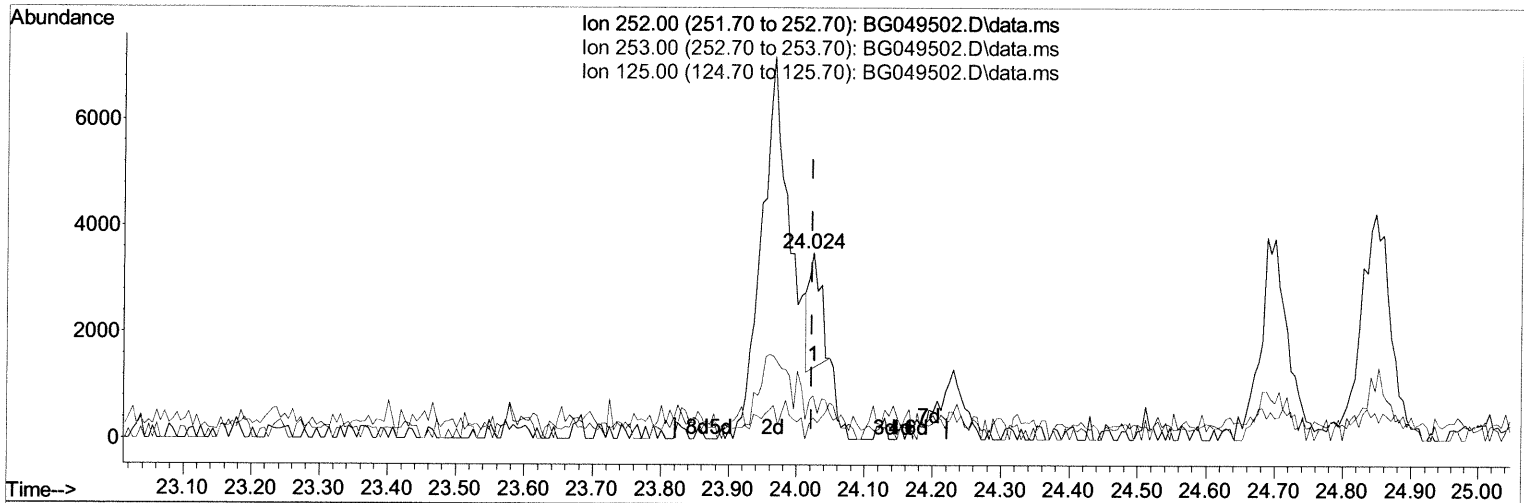
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049502.D
Acq On : 27 Jul 2021 11:03
Operator : CG/JU
Sample : M3084-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0024

Manual Integrations
APPROVED

mohammad
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Quant Time: Jul 27 12:13:20 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: BG049502.D\data.ms

(91) Benzo (k) fluoranthene

24.024min (+ 0.002) 0.31 ng/ul

response 2437

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	23.32
125.00	5.80	11.46#
0.00	0.00	0.00

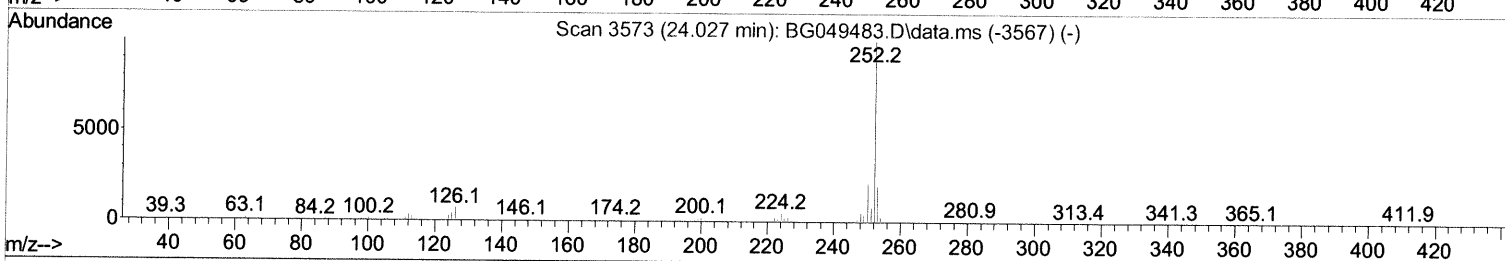
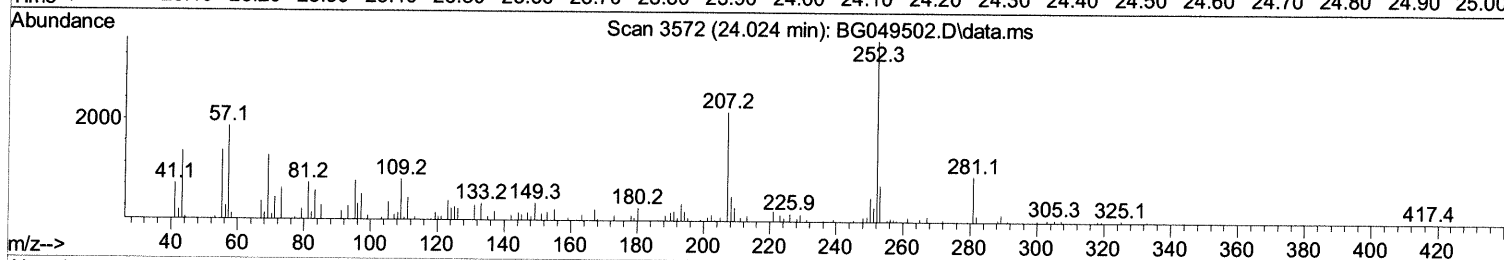
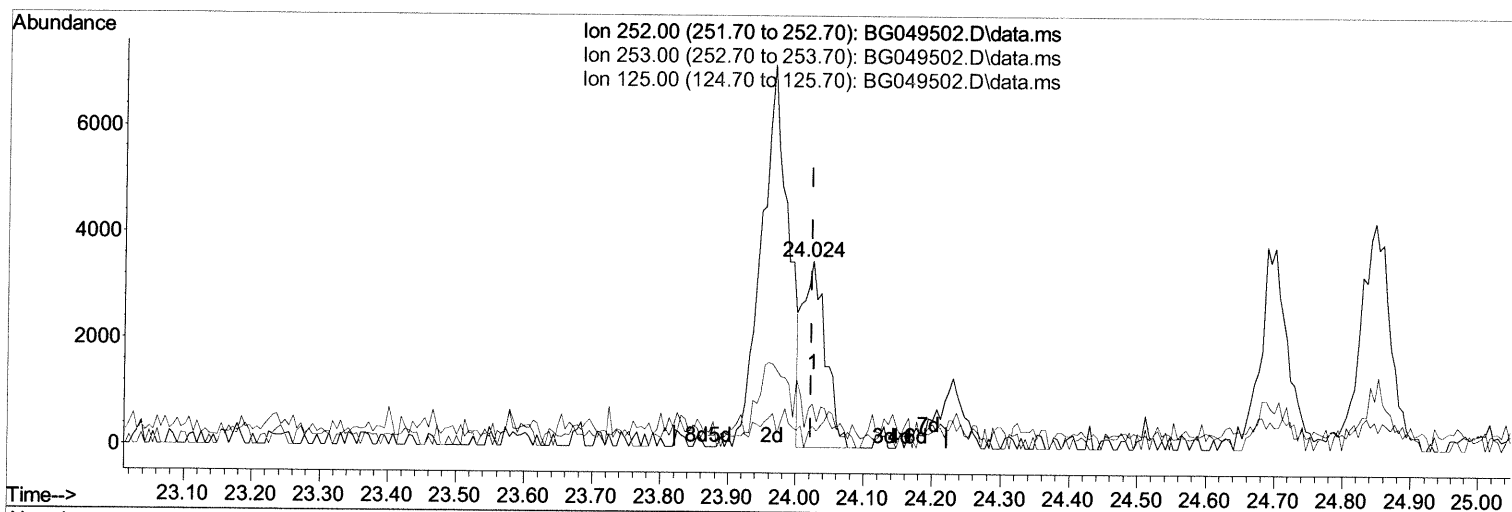
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Data File : BG049502.D
Acq On : 27 Jul 2021 11:03
Operator : CG/JU
Sample : M3084-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0024

Manual Integrations
APPROVED

mohammad
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Quant Time: Jul 27 12:13:20 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: BG049502.D\data.ms

(91) Benzo(k)fluoranthene

24.024min (+ 0.002) 1.02 ng/ul m 07/29/21 JU

response 8105

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	23.32
125.00	5.80	11.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

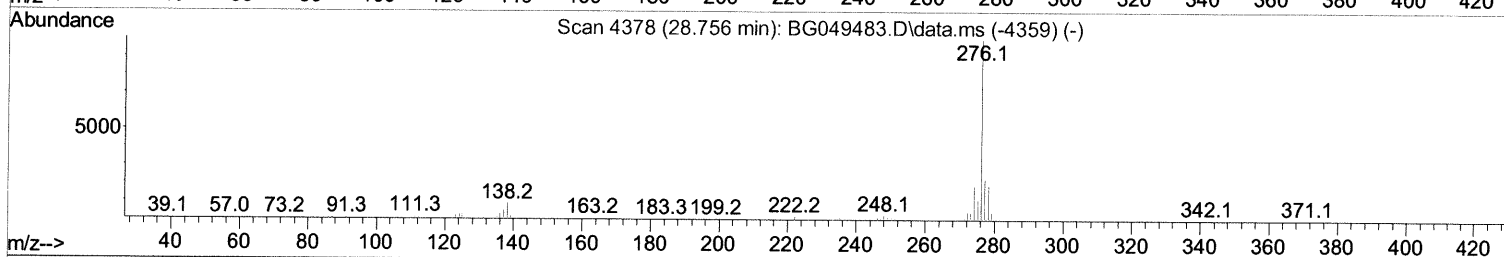
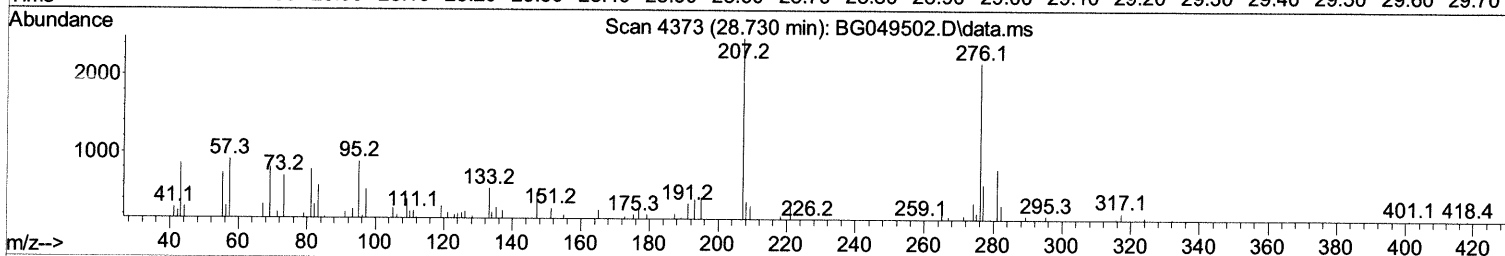
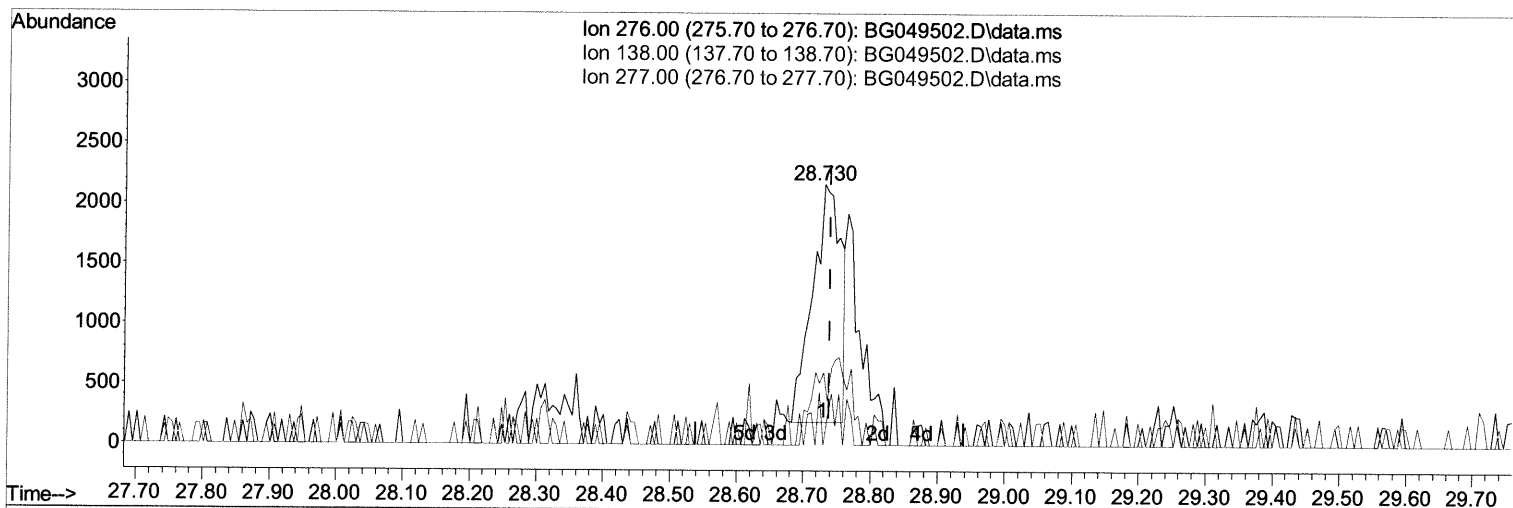
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049502.D
 Acq On : 27 Jul 2021 11:03
 Operator : CG/JU
 Sample : M3084-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG049502.D\data.ms

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

28.730min (-0.009) 0.64 ng/ul

response 5781

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	0.00#
277.00	24.00	27.83
0.00	0.00	0.00

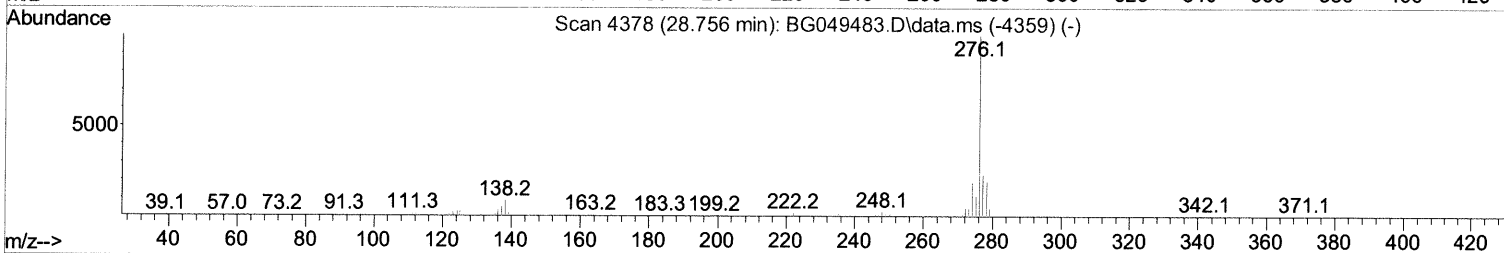
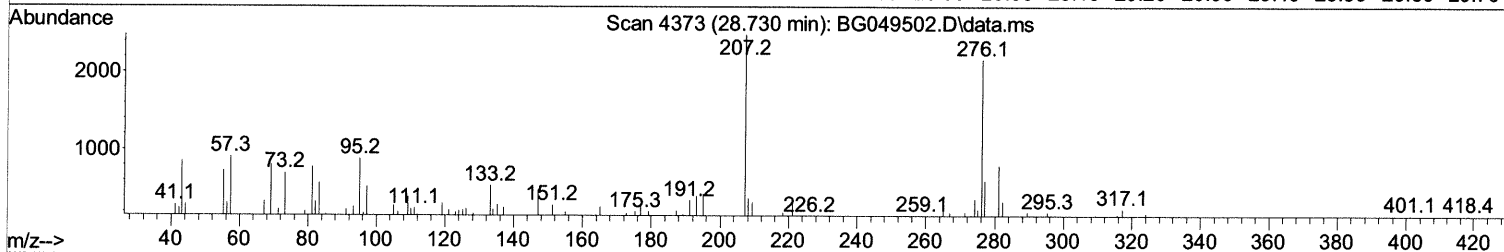
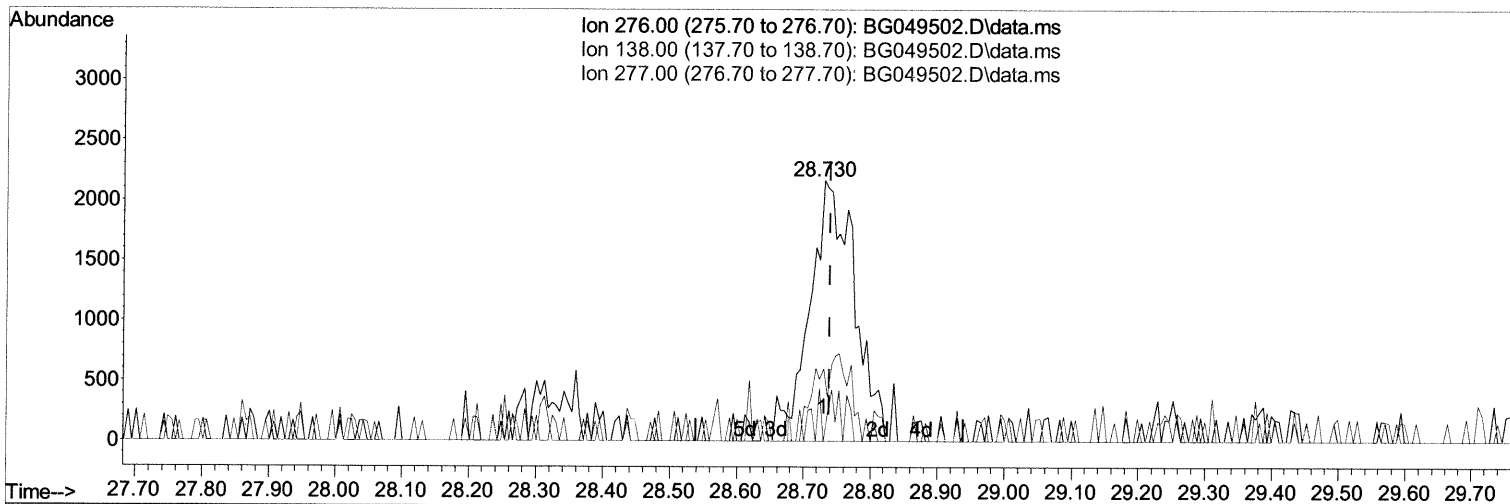
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Acq On : 27 Jul 2021 11:03
Operator : CG/JU
Sample : M3084-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0024

Manual Integrations
APPROVED

mohammad
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TIC: BG049502.D\data.ms

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

28.730min (-0.009) 1.08 ng/ul m 07/29/21 JU

response 9717

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	0.00#
277.00	24.00	27.83
0.00	0.00	0.00

Quantitation Report (Qedit)

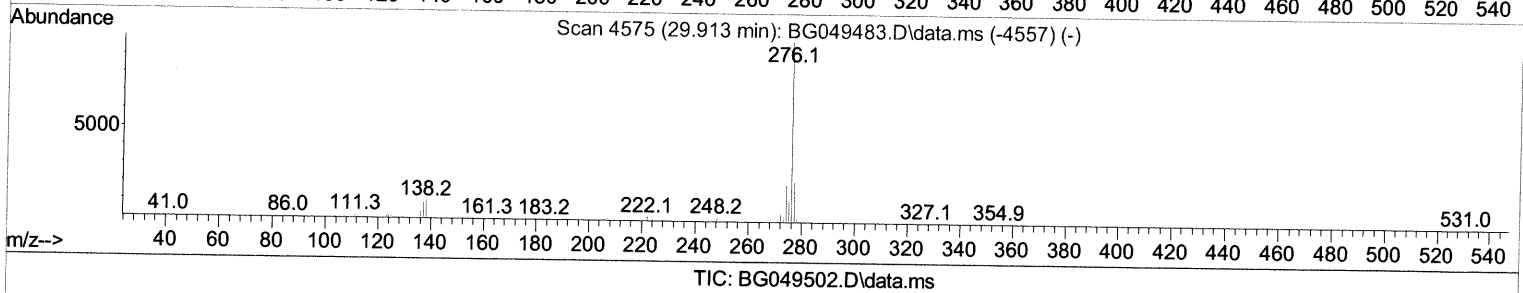
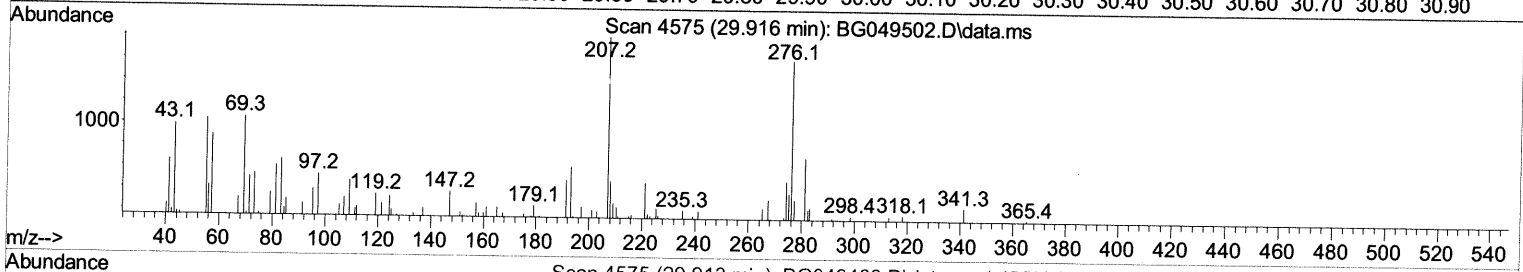
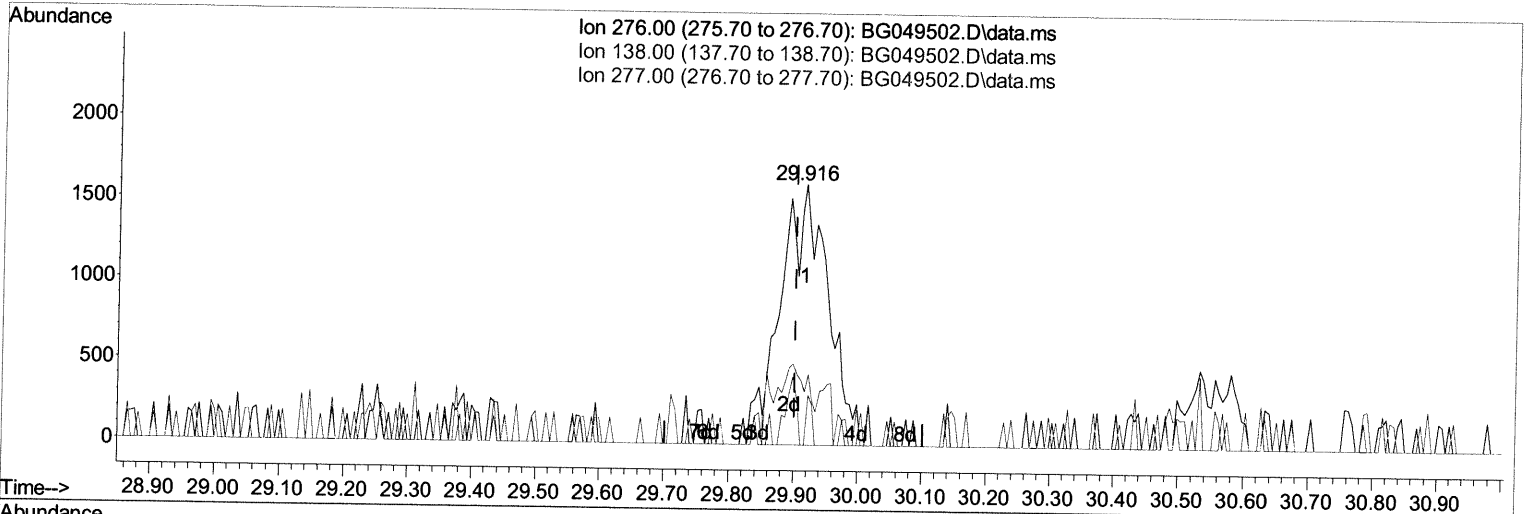
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049502.D
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 Sample : M3084-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

29.916min (+ 0.014) 1.06 ng/ul m 07/24/2024

response 7869

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	0.00#
277.00	25.80	20.53#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	19999	20.00	ng/ul	0.00
20) Naphthalene-d8	10.866	136	86348	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.702	164	62896	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	137897	20.00	ng/ul	0.00
79) Chrysene-d12	21.727	240	119002	20.00	ng/ul	0.00
88) Perylene-d12	25.011	264	129237	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	1272m	2.91	ng/uL	0.00
4) Pyridine-d5	3.881	84	6419m	5.11	ng/ul	0.03
7) Phenol-d5	7.206	99	29803	16.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	17626	17.59	ng/ul	0.00
11) 2-Chlorophenol-d4	7.576	132	22444	17.70	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	23160	17.37	ng/ul	0.00
21) Nitrobenzene-d5	9.215	128	11402	17.17	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	14191	18.24	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	25122	17.76	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	30846	15.64	ng/ul	0.00
46) Dimethylphthalate-d6	14.097	166	90819	18.85	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	112725	20.14	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	10315	13.00	ng/ul	0.00
60) Fluorene-d10	15.688	176	82794	19.95	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	10868	12.72	ng/ul	0.00
73) Anthracene-d10	17.545	188	128834	20.10	ng/ul	0.00
81) Pyrene-d10	19.836	212	138453	22.75	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.776	264	135026	19.88	ng/ul	0.00

Target Compounds					Qvalue
36) 2-Methylnaphthalene	12.522	142	4291	1.32	ng/ul 96
72) Phenanthrene	17.492	178	24911	3.47	ng/ul 96
80) Fluoranthene	19.501	202	30581	4.14	ng/ul 98
82) Pyrene	19.859	202	23916	3.26	ng/ul# 97
85) Benzo(a)anthracene	21.704	228	14025	1.93	ng/ul 91
87) Chrysene	21.774	228	13458	1.93	ng/ul 93
90) Benzo(b)fluoranthene	23.965	252	19618	2.42	ng/ul# 98
91) Benzo(k)fluoranthene	24.024	252	8105m	1.02	ng/ul > 07/29/21 JU
93) Benzo(a)pyrene	24.847	252	12328	1.75	ng/ul# 94
94) Indeno(1,2,3-cd)pyrene	28.730	276	9717m	1.08	ng/ul > 07/29/21 JU
96) Benzo(g,h,i)perylene	29.916	276	7869m	1.06	ng/ul > 07/29/21 JU

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