

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059314.D
 Acq On : 6 Oct 2023 3:00
 Operator : MA/JU
 Sample : 04469-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYL8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 04:17:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.233	152	51986	20.000	ng/u1	0.00
20) Naphthalene-d8	11.076	136	233670	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.866	164	132874	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.616	188	293116m	20.000	ng/u1	0.00
79) Chrysene-d12	21.916	240	252155	20.000	ng/u1	0.00
88) Perylene-d12	25.407	264	282847	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	3850	2.795	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.357	99	81390	15.641	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.557	67	47681	14.344	ng/u1	0.00
11) 2-Chlorophenol-d4	7.751	132	63391	18.122	ng/u1	0.00
15) 4-Methylphenol-d8	8.926	113	59863	14.882	ng/u1	0.00
21) Nitrobenzene-d5	9.431	128	30004	18.196	ng/u1	0.00
24) 2-Nitrophenol-d4	10.148	143	31385	19.389	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.677	165	57828	17.390	ng/u1	0.00
31) 4-Chloroaniline-d4	11.217	131	11413m	2.121	ng/u1	0.00
46) Dimethylphthalate-d6	14.261	166	181774	18.921	ng/u1	0.00
49) Acenaphthylene-d8	14.566	160	215845	17.900	ng/u1	0.00
54) 4-Nitrophenol-d4	15.060	143	14871	8.864	ng/u1	0.00
60) Fluorene-d10	15.853	176	177923	19.459	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.976	200	3012m	1.999	ng/u1	0.01
73) Anthracene-d10	17.716	188	245643	18.392	ng/u1	0.00
81) Pyrene-d10	19.989	212	307169	21.753	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.160	264	287087	21.122	ng/u1	0.00
Target Compounds						
80) Fluoranthene	19.654	202	26933	1.548	ng/u1	97
82) Pyrene	20.019	202	27176	1.475	ng/u1	98
87) Chrysene	21.963	228	20883m	1.246	ng/u1	
90) Benzo(b)fluoranthene	24.278	252	30167m	1.741	ng/u1	
93) Benzo(a)pyrene	25.230	252	18177	1.106	ng/u1#	47
94) Indeno(1,2,3-cd)pyrene	29.437	276	18914m	1.017	ng/u1	
96) Benzo(g,h,i)perylene	30.706	276	21109m	1.396	ng/u1	

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

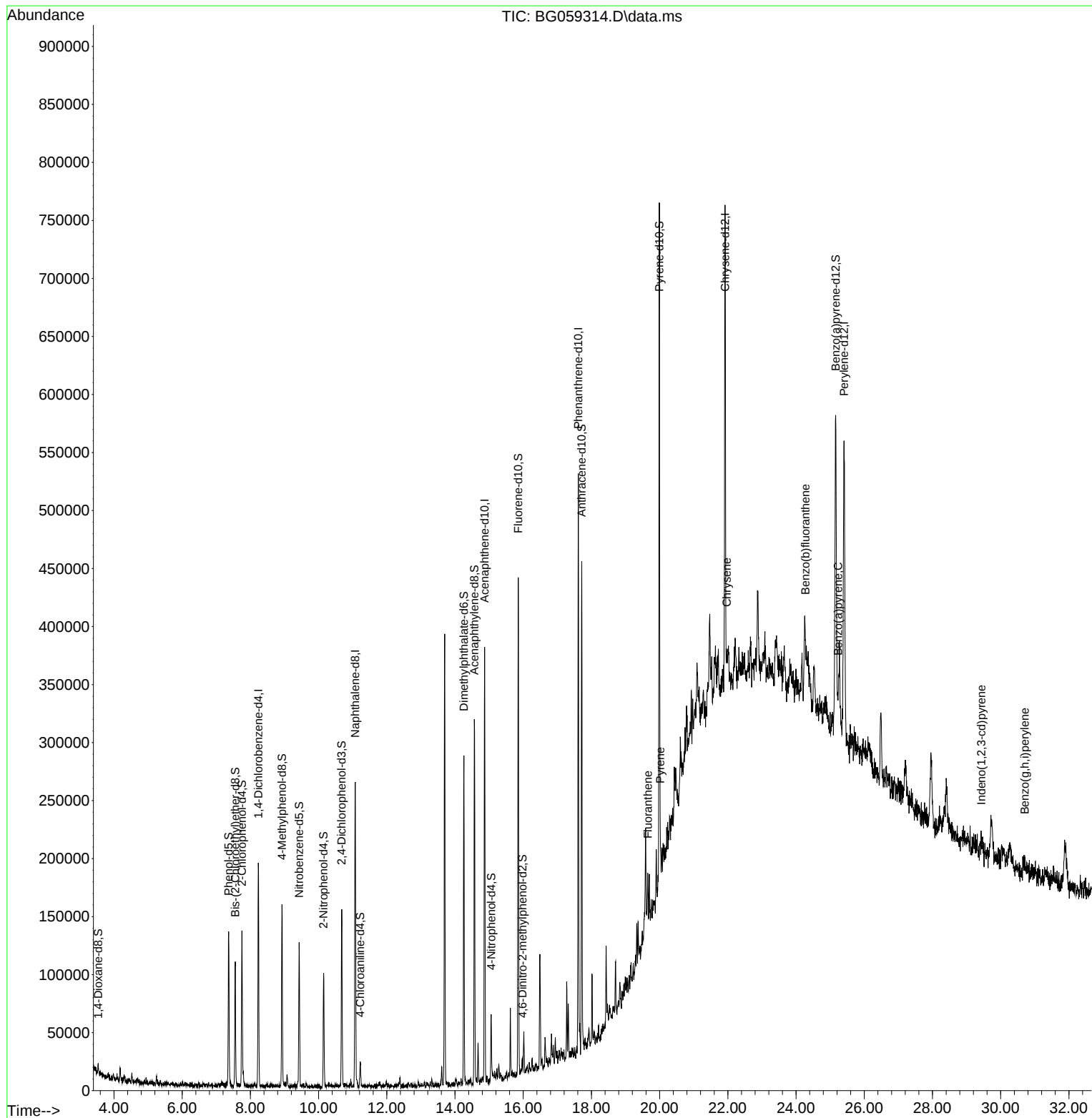
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059314.D
Acq On : 6 Oct 2023 3:00
Operator : MA/JU
Sample : 04469-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

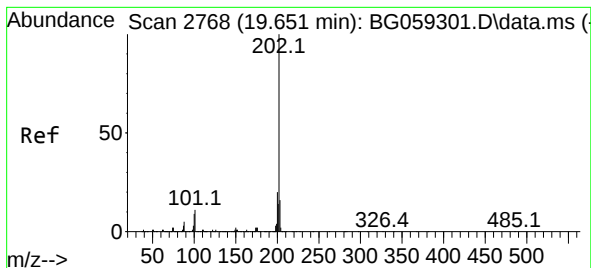
Instrument :
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ClientSampleId :
EZYL8

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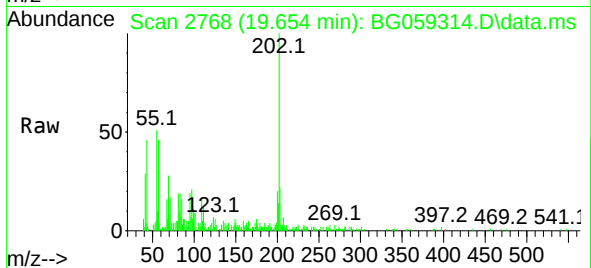
Quant Time: Oct 06 04:17:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration





#80
Fluoranthene
Concen: 1.548 ng/u1
RT: 19.654 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG059314.D
Acq: 6 Oct 2023 3:00

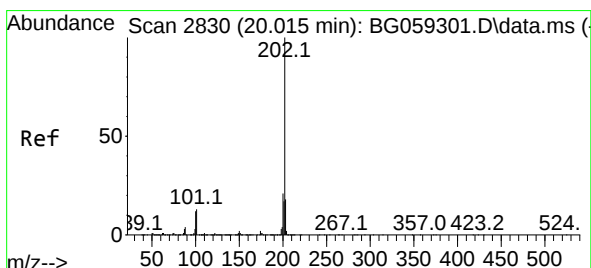
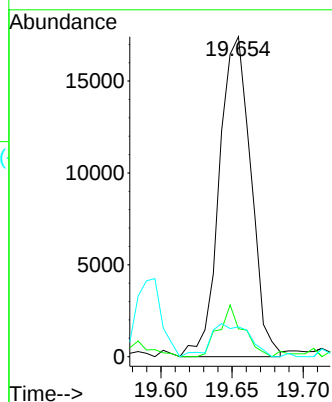
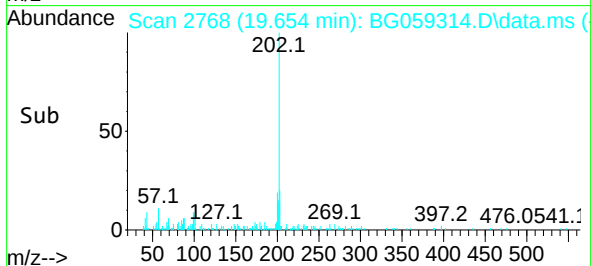
Instrument :
BNA_G
ClientSampleId :
EZYL8



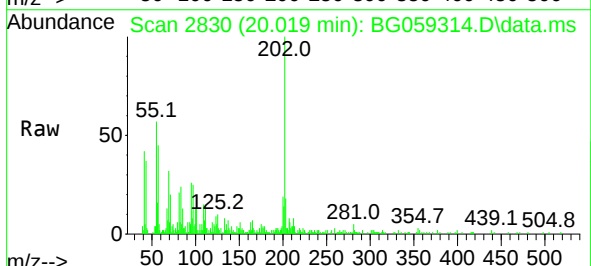
Tgt Ion:202 Resp: 2693
Ion Ratio Lower Upper
202 100
101 8.7 8.2 12.4
100 9.3 8.2 12.2

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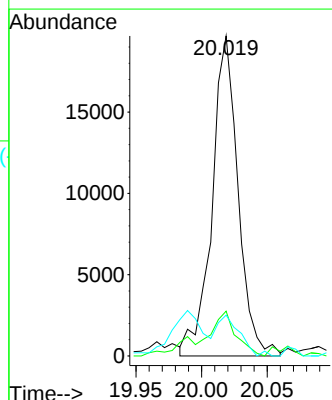
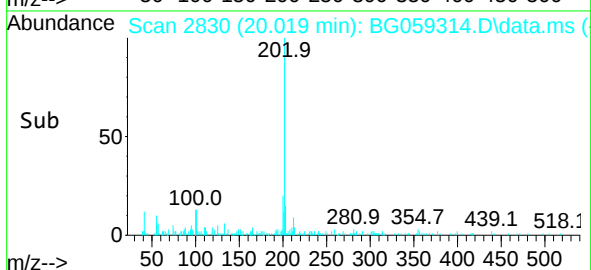
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

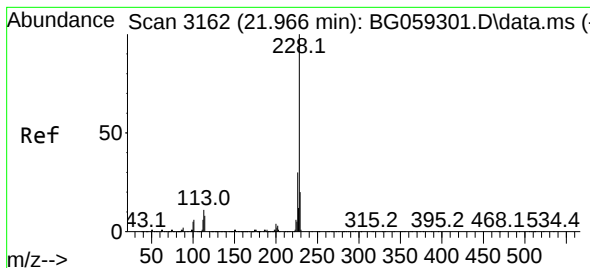


#82
Pyrene
Concen: 1.475 ng/u1
RT: 20.019 min Scan# 2830
Delta R.T. -0.005 min
Lab File: BG059314.D
Acq: 6 Oct 2023 3:00



Tgt Ion:202 Resp: 27176
Ion Ratio Lower Upper
202 100
101 14.0 10.2 15.4
100 12.7 9.6 14.4





#87

Chrysene

Concen: 1.246 ng/ul m

RT: 21.963 min Scan# 3162

Delta R.T. -0.010 min

Lab File: BG059314.D

Acq: 6 Oct 2023 3:00

Instrument :

BNA_G

ClientSampleId :

EZYL8

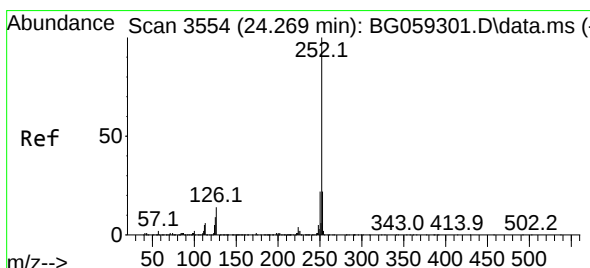
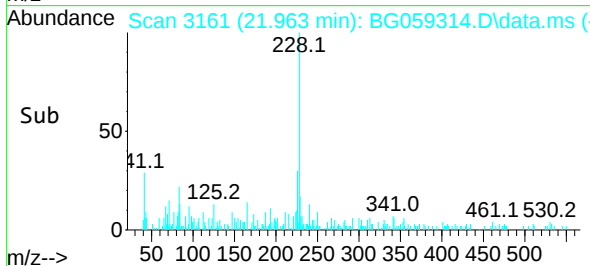
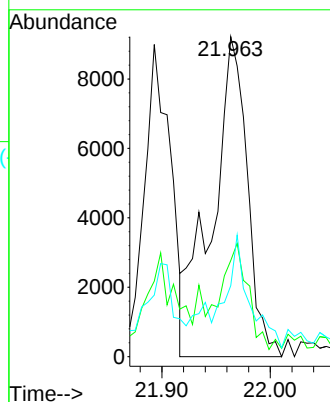
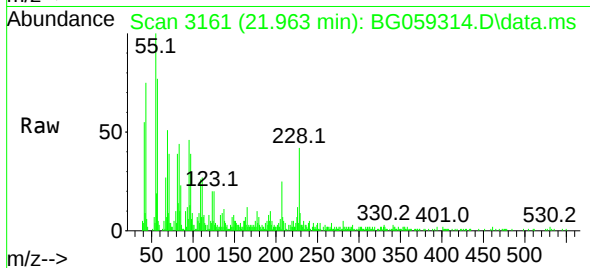
Tgt Ion:	228	Resp:	2088
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.2	36.4
229	22.2	16.2	24.2

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#90

Benzo(b)fluoranthene

Concen: 1.741 ng/ul m

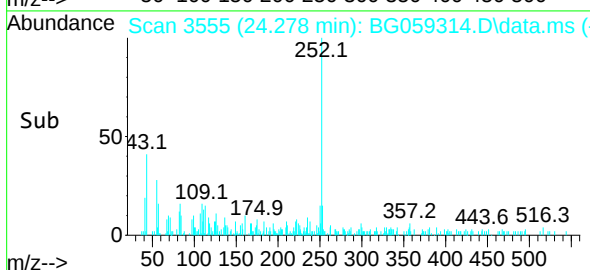
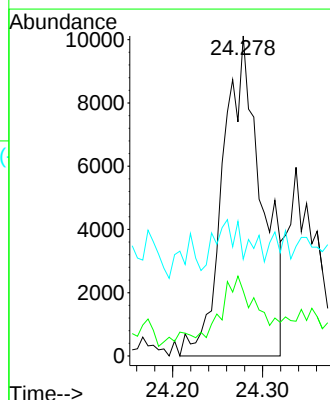
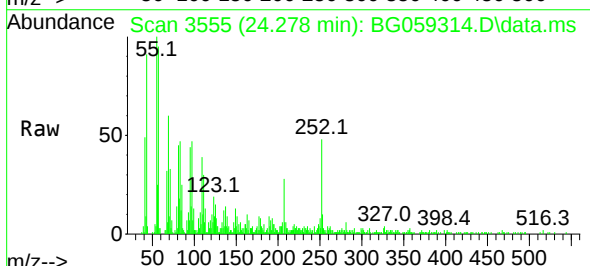
RT: 24.278 min Scan# 3555

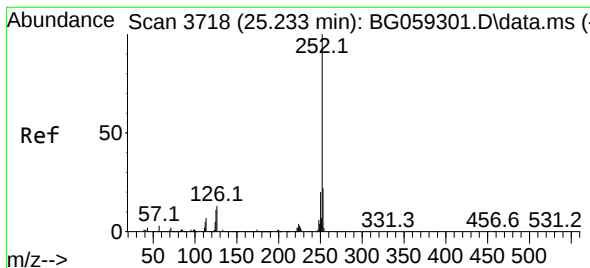
Delta R.T. -0.005 min

Lab File: BG059314.D

Acq: 6 Oct 2023 3:00

Tgt Ion:	252	Resp:	30167
Ion Ratio	Lower	Upper	
252	100		
253	20.3	18.0	27.0
125	30.2	8.1	12.1





#93

Benzo(a)pyrene

Concen: 1.106 ng/ul

RT: 25.230 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG059314.D

Acq: 6 Oct 2023 3:00

Instrument :

BNA_G

ClientSampleId :

EZYL8

Tgt Ion:252 Resp: 1817

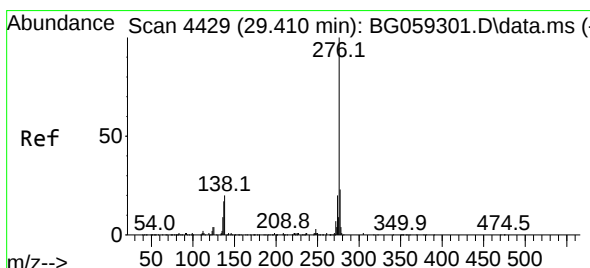
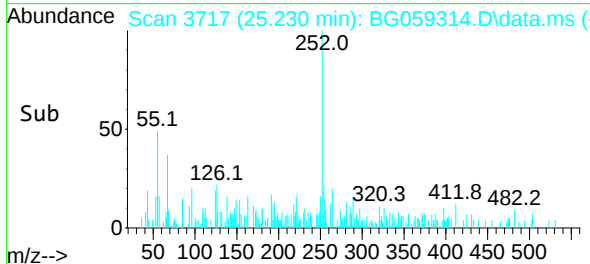
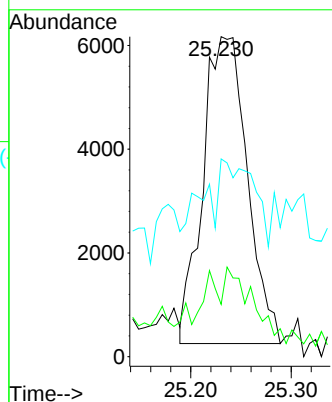
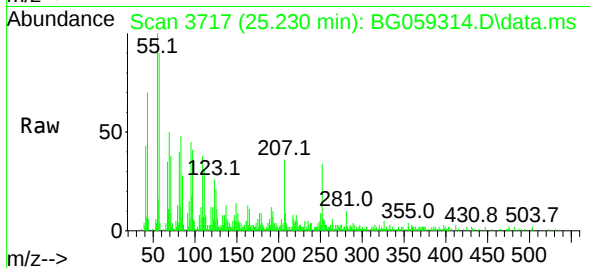
Ion	Ratio	Lower	Upper
252	100		
253	16.3	17.2	25.8
125	61.8	9.4	14.0

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.017 ng/ul m

RT: 29.437 min Scan# 4433

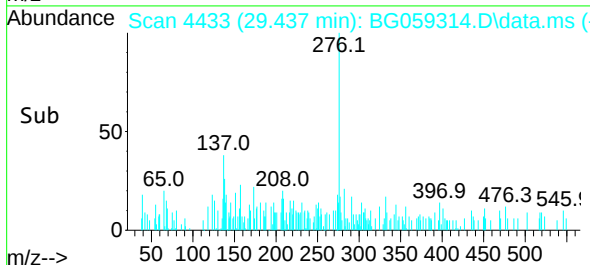
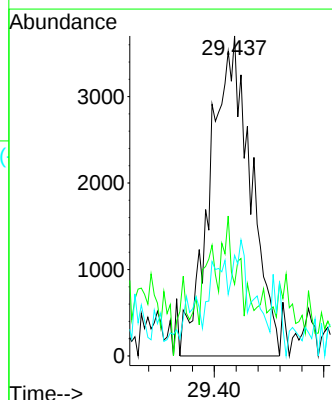
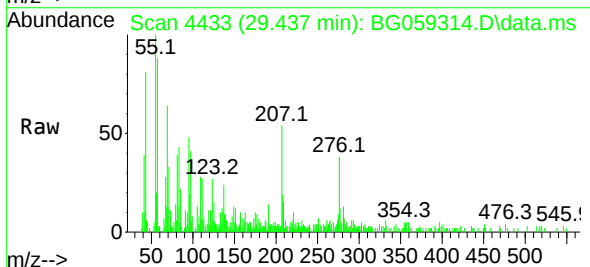
Delta R.T. 0.001 min

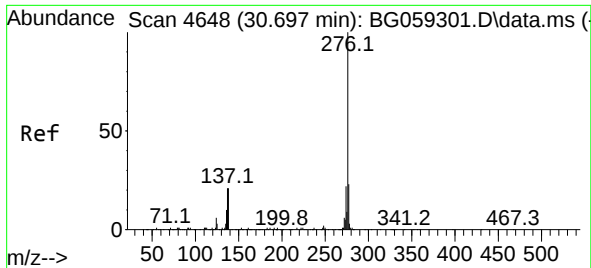
Lab File: BG059314.D

Acq: 6 Oct 2023 3:00

Tgt Ion:276 Resp: 18914

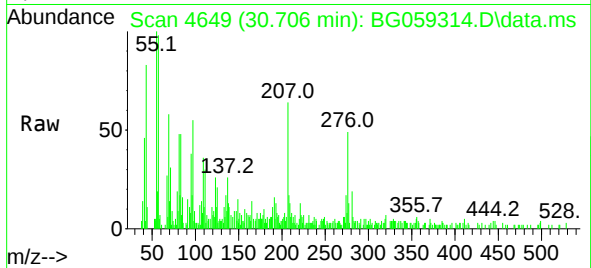
Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.0	25.6
277	31.5	18.6	28.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.396 ng/ul m
 RT: 30.706 min Scan# 4
 Delta R.T. -0.005 min
 Lab File: BG059314.D
 Acq: 6 Oct 2023 3:00

Instrument :
 BNA_G
 ClientSampleId :
 EZYL8



Tgt Ion:	276	Resp:	21109
Ion Ratio	Lower	Upper	
276	100		
138	27.5	16.6	25.0
277	27.5	20.0	30.0

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