

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058417.D
 Acq On : 23 Jul 2023 2:29
 Operator : CG/JU
 Sample : 03504-09RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46W7RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 23 03:20:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	82346	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	352698	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	226685	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	485197	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	398011	20.000	ng/u1	0.00
88) Perylene-d12	24.674	264	438281	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	3303	1.476	ng/uL	0.00
4) Pyridine-d5	3.746	84	70189	10.570	ng/u1	0.00
7) Phenol-d5	7.066	99	26363	3.375	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	45849	9.391	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	24853	4.545	ng/u1	0.00
15) 4-Methylphenol-d8	8.617	113	1900	0.319	ng/u1	0.01
21) Nitrobenzene-d5	9.057	128	25959	9.819	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	26108	9.046	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	9467	1.711	ng/u1	0.00
31) 4-Chloroaniline-d4	10.849	131	1225m	0.153	ng/u1	0.01
46) Dimethylphthalate-d6	13.934	166	164034	9.384	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	166797	9.105	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	13691m	5.186	ng/u1	0.02
60) Fluorene-d10	15.526	176	145098	10.026	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	2808	1.136	ng/u1	0.00
73) Anthracene-d10	17.377	188	102862	4.906	ng/u1	0.00
81) Pyrene-d10	19.669	212	192422	8.185	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	53342	2.518	ng/u1	0.00
Target Compounds						Qvalue
16) Acetophenone	8.717	105	13716	1.352	ng/u1	96
72) Phenanthrene	17.324	178	45945	1.993	ng/u1	96
80) Fluoranthene	19.334	202	105944	3.934	ng/u1	97
82) Pyrene	19.698	202	70331	2.577	ng/u1	100
85) Benzo(a)anthracene	21.513	228	39830	1.489	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.414	149	31597	2.067	ng/u1#	94
87) Chrysene	21.578	228	45839m	1.806	ng/u1	
90) Benzo(b)fluoranthene	23.676	252	52466	2.069	ng/u1#	97

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

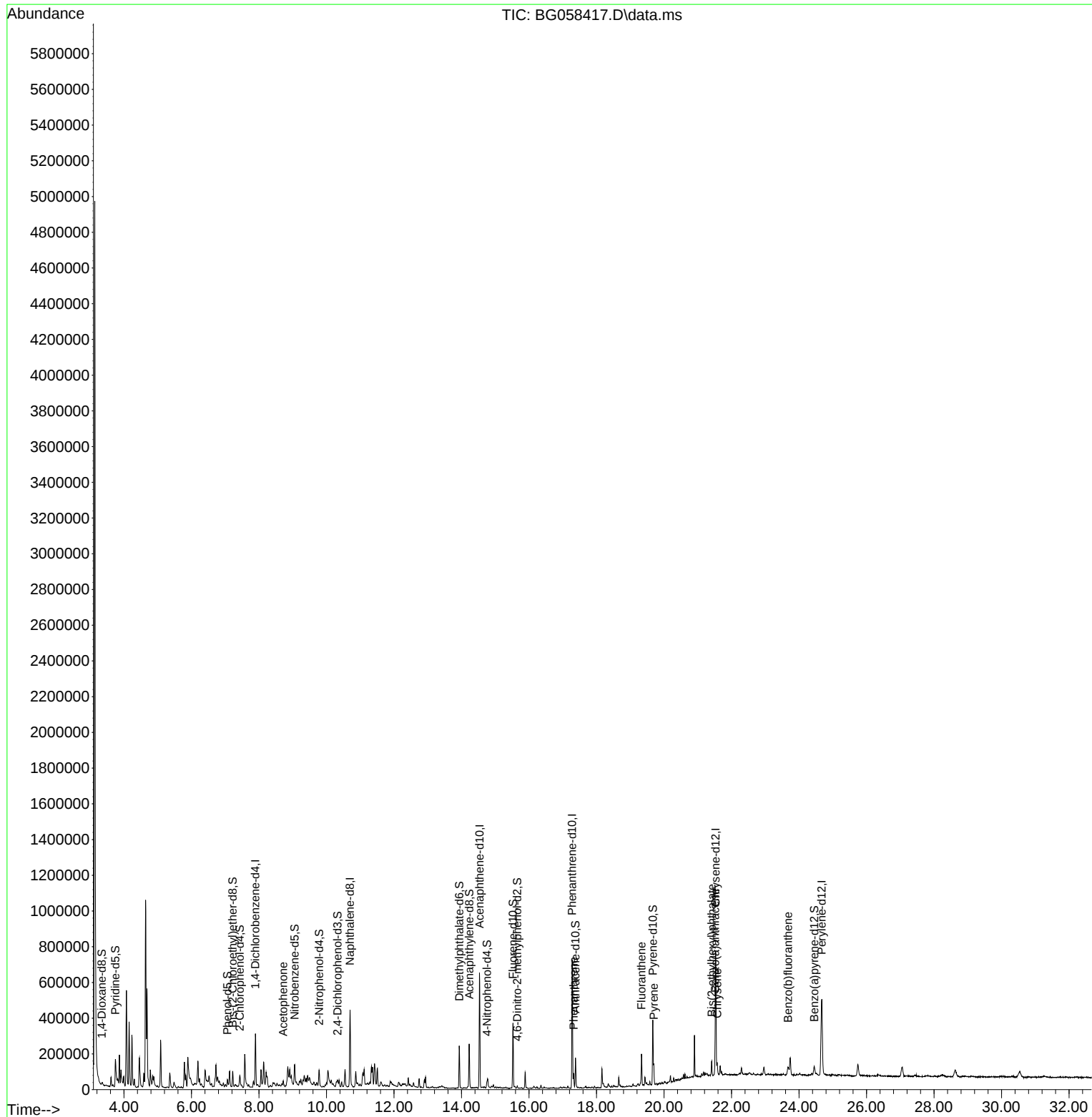
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058417.D
Acq On : 23 Jul 2023 2:29
Operator : CG/JU
Sample : 03504-09RE
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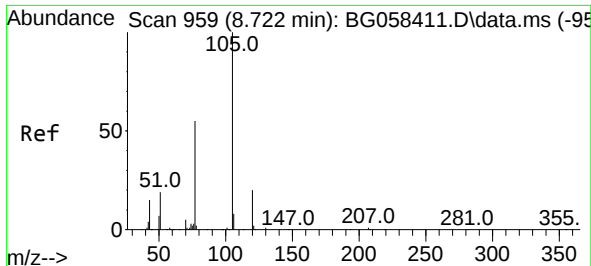
Instrument :
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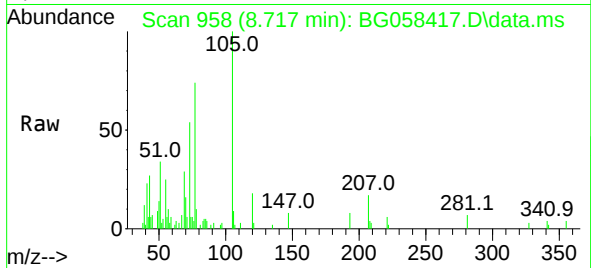
Quant Time: Jul 23 03:20:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.352 ng/ul
RT: 8.717 min Scan# 958
Delta R.T. -0.005 min
Lab File: BG058417.D
Acq: 23 Jul 2023 2:29

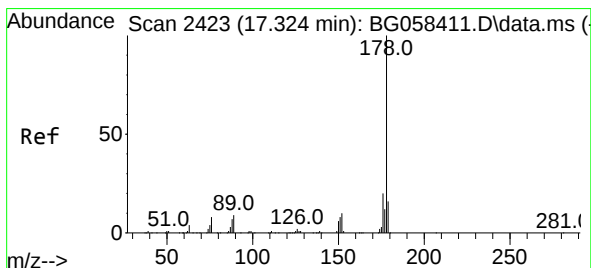
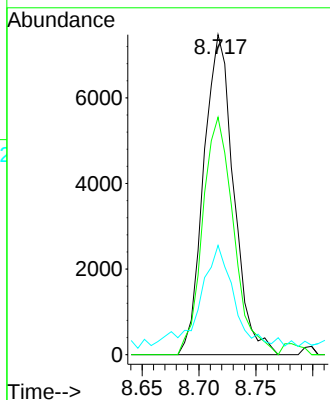
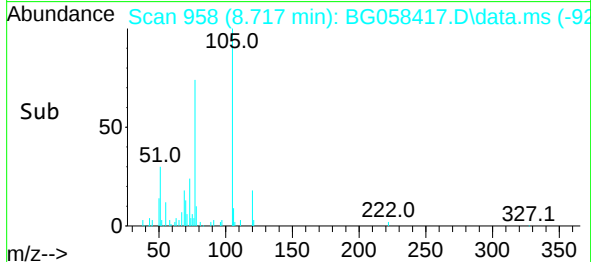
Instrument :
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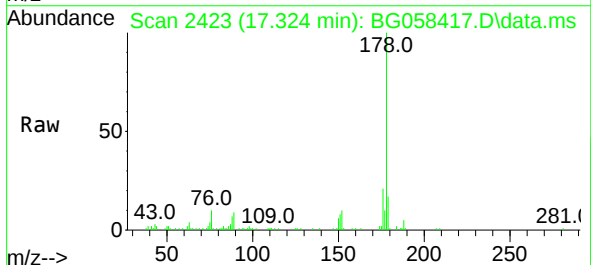
Tgt Ion:105 Resp: 13710
Ion Ratio Lower Upper
105 100
77 74.2 60.7 91.1
51 34.1 23.5 35.3

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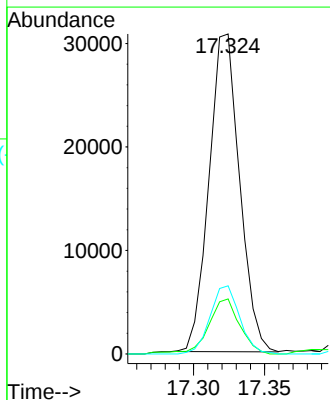
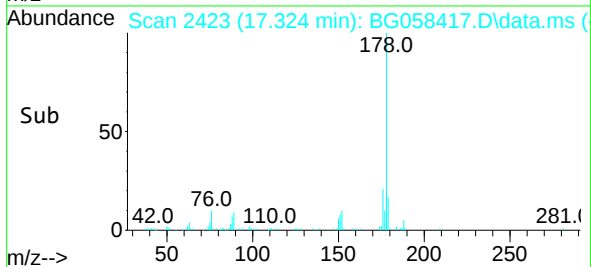
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

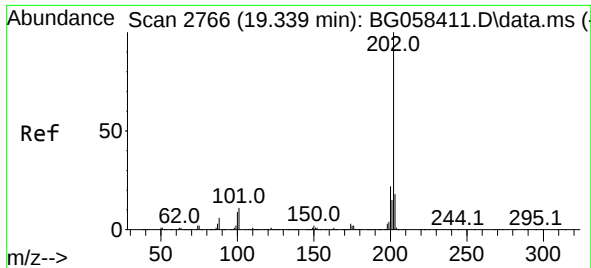


#72
Phenanthrene
Concen: 1.993 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. 0.001 min
Lab File: BG058417.D
Acq: 23 Jul 2023 2:29



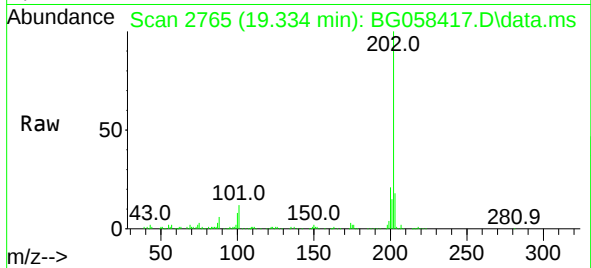
Tgt Ion:178 Resp: 45945
Ion Ratio Lower Upper
178 100
179 17.2 11.9 17.9
176 21.3 15.8 23.8





#80
Fluoranthene
Concen: 3.934 ng/u1
RT: 19.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058417.D
Acq: 23 Jul 2023 2:29

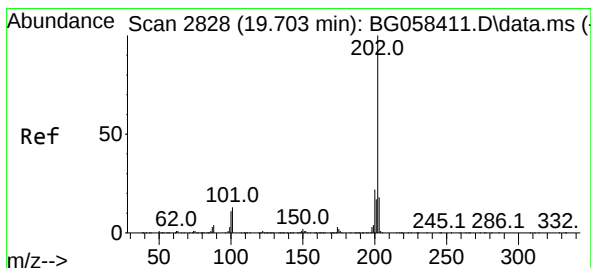
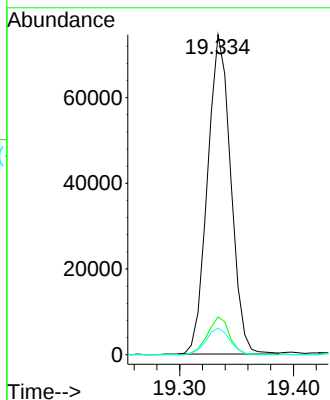
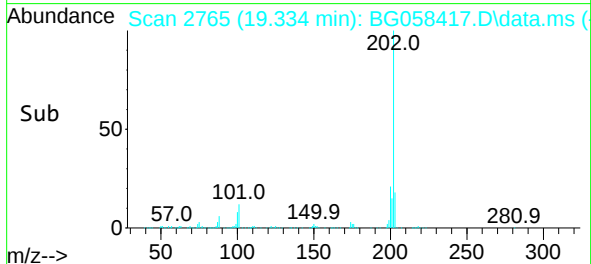
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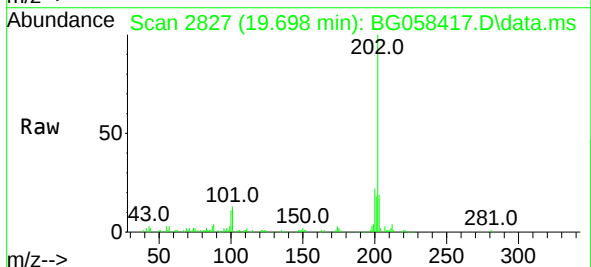
Tgt Ion:202 Resp: 105944
Ion Ratio Lower Upper
202 100
101 11.8 8.6 12.8
100 8.3 7.2 10.8

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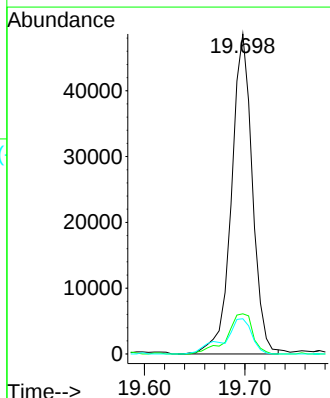
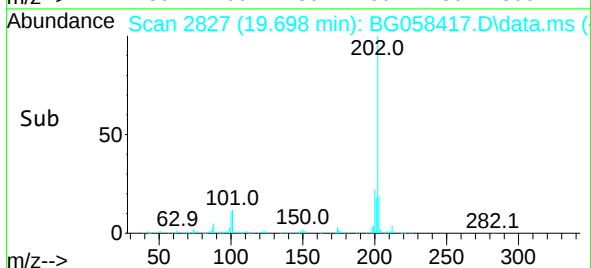
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

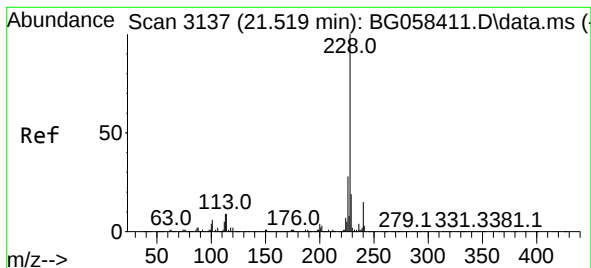


#82
Pyrene
Concen: 2.577 ng/u1
RT: 19.698 min Scan# 2827
Delta R.T. 0.001 min
Lab File: BG058417.D
Acq: 23 Jul 2023 2:29



Tgt Ion:202 Resp: 70331
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.2
100 11.0 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.489 ng/ul

RT: 21.513 min Scan# 3137

Delta R.T. 0.001 min

Lab File: BG058417.D

Acq: 23 Jul 2023 2:29

Instrument :

BNA_G

ClientSampleId :

A46W7RE

Tgt Ion:228 Resp: 39830

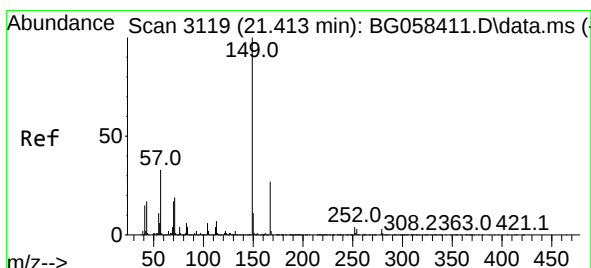
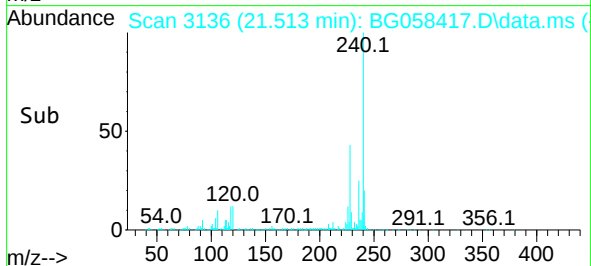
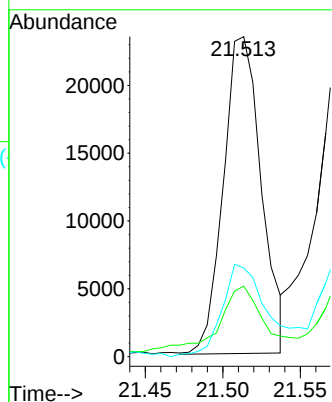
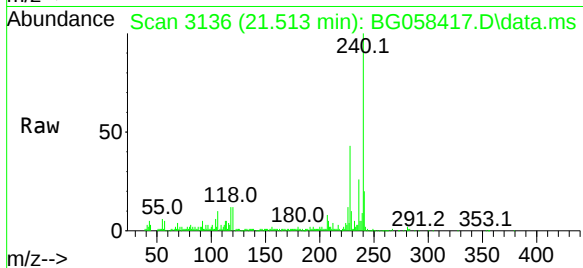
Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	27.8	21.8	32.8

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.067 ng/ul

RT: 21.414 min Scan# 3119

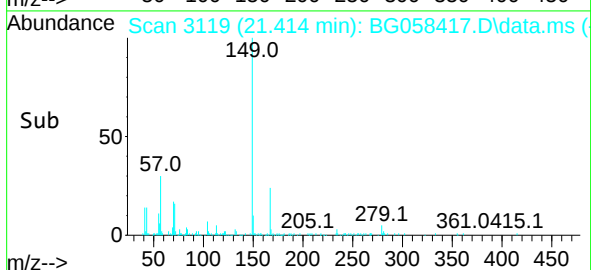
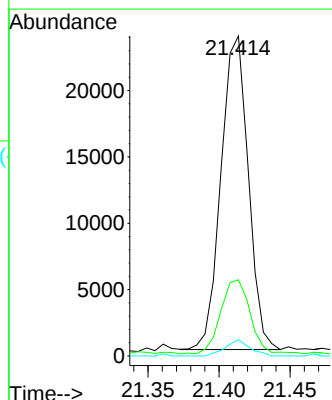
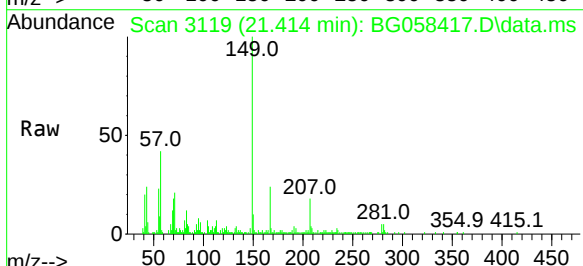
Delta R.T. 0.001 min

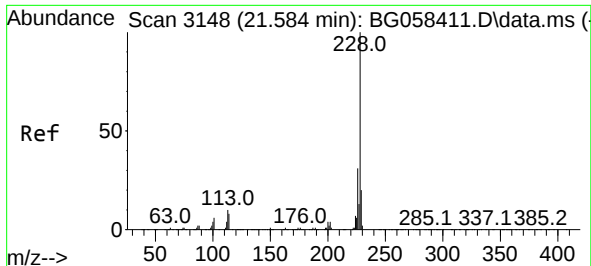
Lab File: BG058417.D

Acq: 23 Jul 2023 2:29

Tgt Ion:149 Resp: 31597

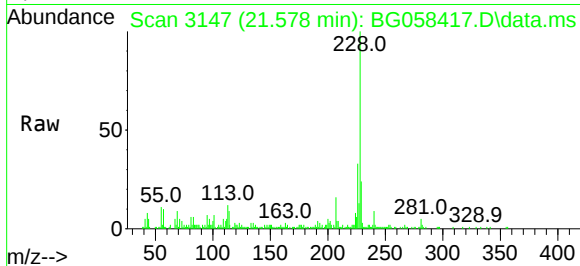
Ion	Ratio	Lower	Upper
149	100		
167	23.8	21.6	32.4
279	5.1	3.0	4.4





#87
Chrysene
Concen: 1.806 ng/ul m
RT: 21.578 min Scan# 3148
Delta R.T. 0.001 min
Lab File: BG058417.D
Acq: 23 Jul 2023 2:29

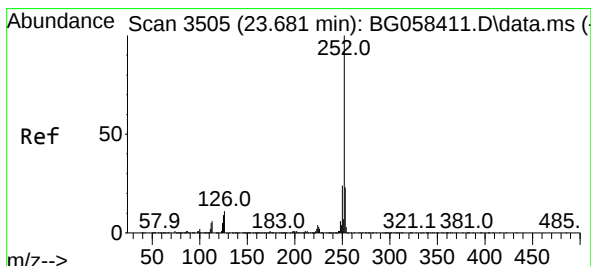
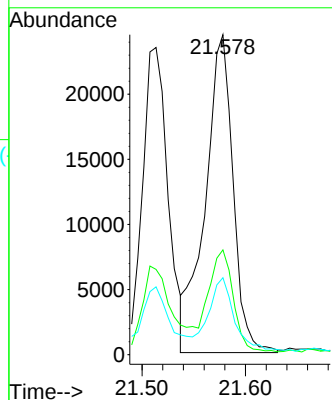
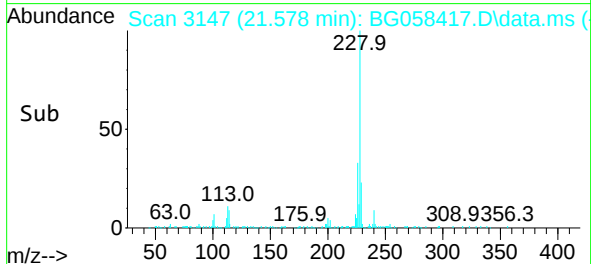
Instrument :
BNA_G
ClientSampleId :
A46W7RE



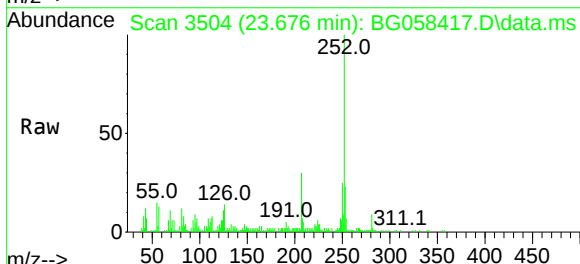
Tgt Ion:228 Resp: 45839
Ion Ratio Lower Upper
228 100
226 32.8 24.0 36.0
229 24.0 15.8 23.8

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Supervised By :mohammad ahmed 07/24/2023



#90
Benzo(b)fluoranthene
Concen: 2.069 ng/ul
RT: 23.676 min Scan# 3504
Delta R.T. 0.007 min
Lab File: BG058417.D
Acq: 23 Jul 2023 2:29



Tgt Ion:252 Resp: 52466
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 11.3 6.7 10.1

