

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058381.D
 Acq On : 21 Jul 2023 10:20
 Operator : CG/JU
 Sample : 03472-36
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S9

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

07/21/2023
 Supervised By :mohammad
 ahmed

Quant Time: Jul 21 10:56:50 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	7.895	152	51071	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	224099	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.529	164	153592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.272	188	360553	20.000	ng/ul	0.00
79) Chrysene-d12	21.526	240	314185	20.000	ng/ul	0.00
88) Perylene-d12	24.658	264	308741	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	1458	1.051	ng/uL	0.00
4) Pyridine-d5	3.747	84	25698	6.240	ng/ul	0.00
7) Phenol-d5	7.061	99	64056	13.222	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.220	67	48529	16.026	ng/ul	0.00
11) 2-Chlorophenol-d4	7.425	132	47784	14.090	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	35926	9.722	ng/ul	0.00
21) Nitrobenzene-d5	9.053	128	28528	16.983	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	31699	17.286	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	41486	11.801	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	2525m	0.495	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	199335	16.830	ng/ul	0.00
49) Acenaphthylene-d8	14.223	160	216536	17.446	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	24696	13.807	ng/ul	0.00
60) Fluorene-d10	15.522	176	178448	18.198	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	27243	14.830	ng/ul	0.00
73) Anthracene-d10	17.372	188	196788	12.632	ng/ul	0.00
81) Pyrene-d10	19.664	212	319280	17.206	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.435	264	210193	14.086	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.712	105	13368	2.124	ng/ul	95
72) Phenanthrene	17.319	178	104882	6.121	ng/ul	98
80) Fluoranthene	19.329	202	156728	7.372	ng/ul	99
82) Pyrene	19.693	202	114802	5.330	ng/ul	99
85) Benzo(a)anthracene	21.509	228	53210	2.520	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.409	149	35710	2.960	ng/ul	96
87) Chrysene	21.567	228	61247	3.058	ng/ul	98
90) Benzo(b)fluoranthene	23.665	252	61099	3.420	ng/ul	98
91) Benzo(k)fluoranthene	23.724	252	26824m	1.506	ng/ul	

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

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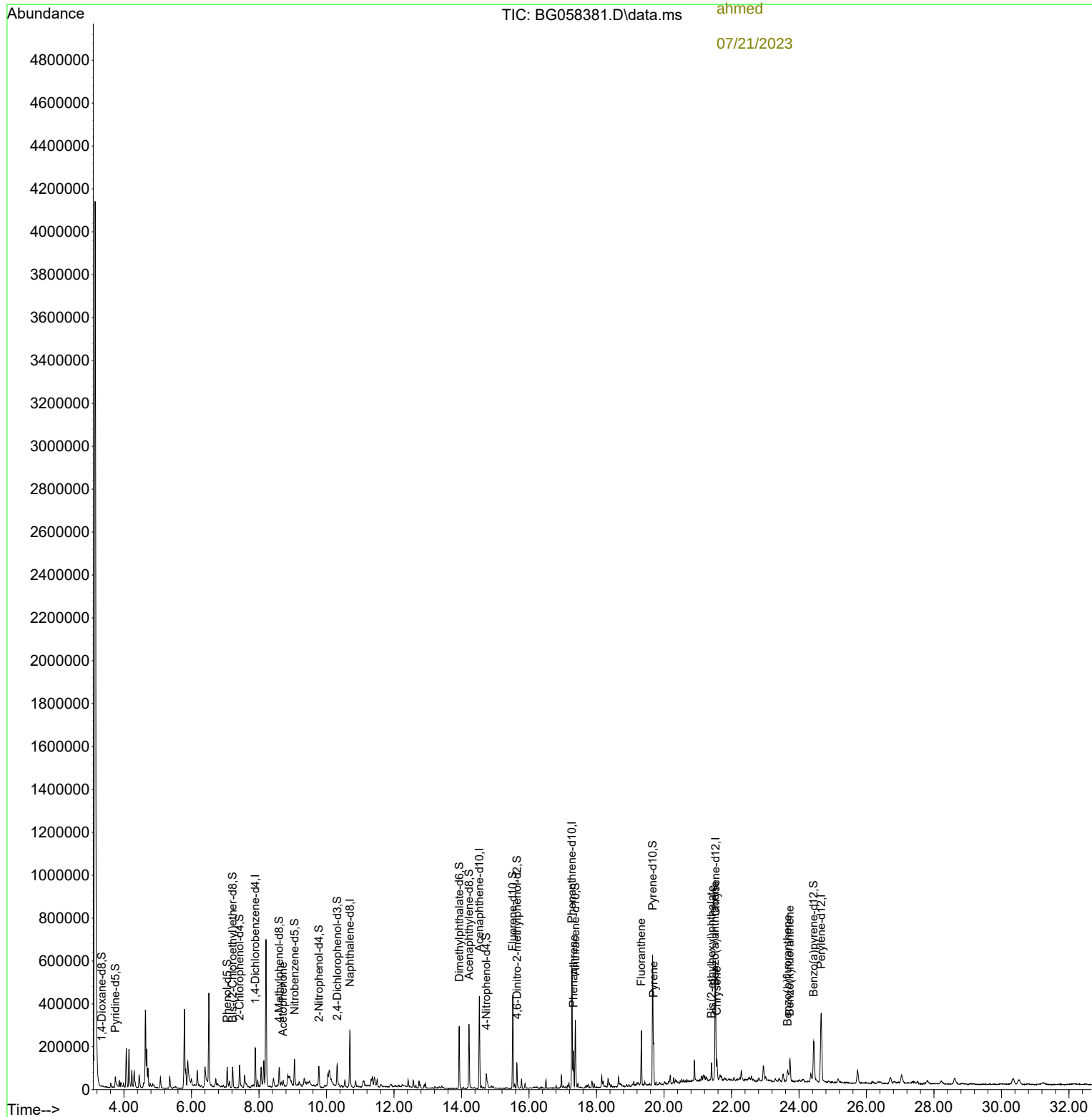
Instrument :
BNA_G
ClientSampleId :
A46S9

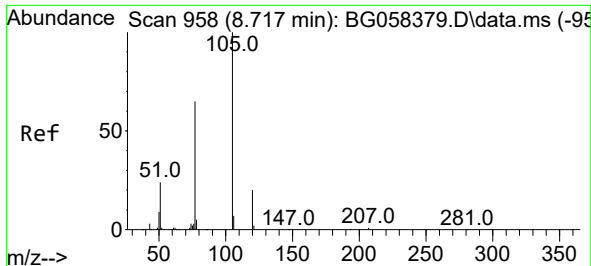
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Patel

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Supervised By :mohammad
ahmed

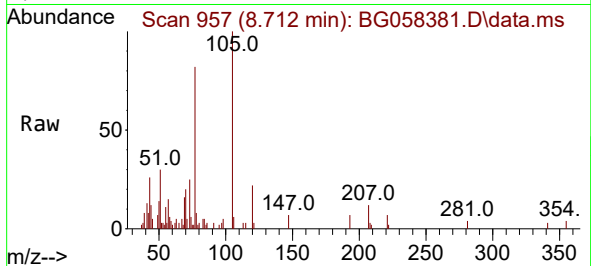
Quant Time: Jul 21 10:56:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.124 ng/ul
RT: 8.712 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG058381.D
Acq: 21 Jul 2023 10:20

Instrument :
BNA_G
ClientSampleId :
A46S9



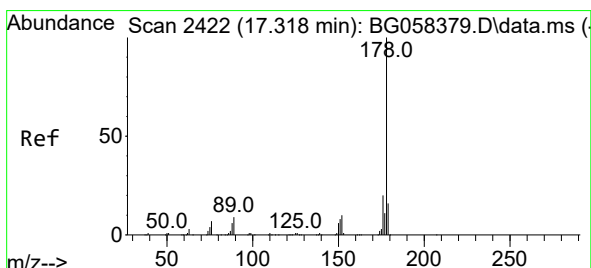
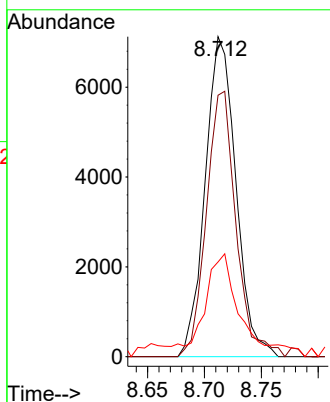
Tgt Ion:105 Resp: 1336
Ion Ratio Lower Upper
105 100
77 81.7 60.7 91.1
51 29.6 23.5 35.3

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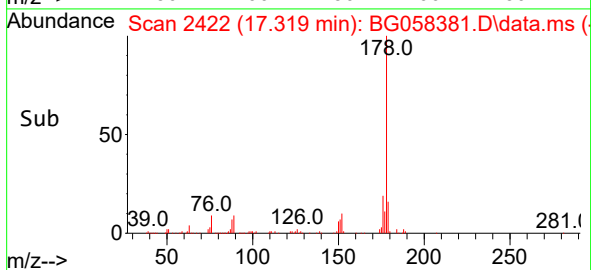
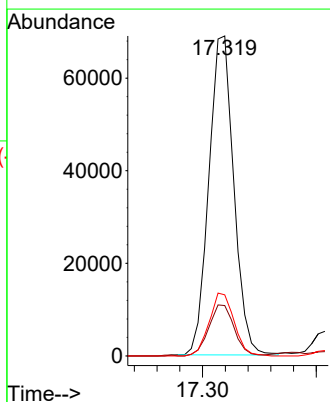
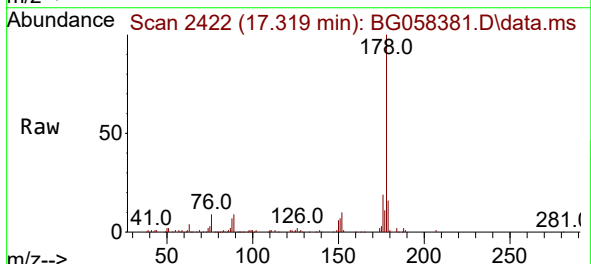
07/21/2023
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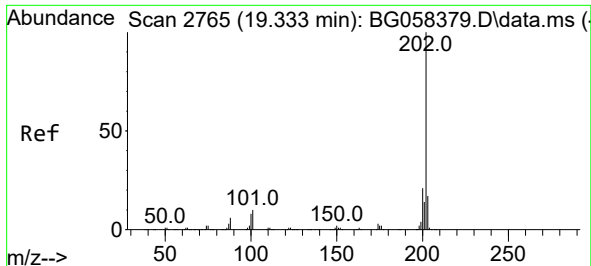
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#72
Phenanthrene
Concen: 6.121 ng/ul
RT: 17.319 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG058381.D
Acq: 21 Jul 2023 10:20

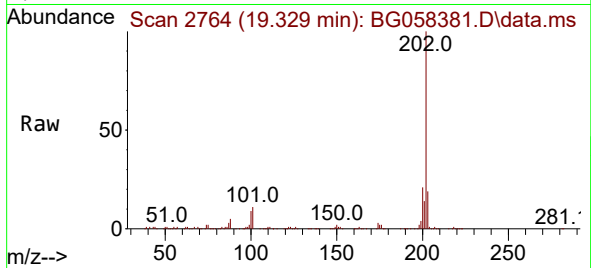
Tgt Ion:178 Resp: 104882
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 19.1 15.8 23.8





#80
Fluoranthene
Concen: 7.372 ng/uI
RT: 19.329 min Scan# 2764
Delta R.T. -0.004 min
Lab File: BG058381.D
Acq: 21 Jul 2023 10:20

Instrument :
BNA_G
ClientSampleId :
A46S9



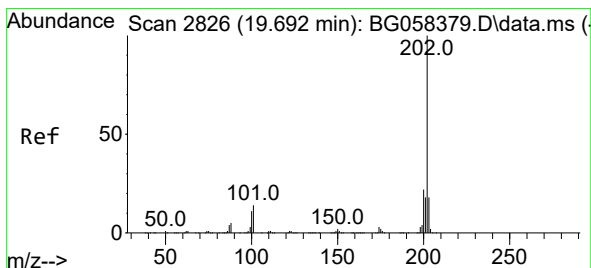
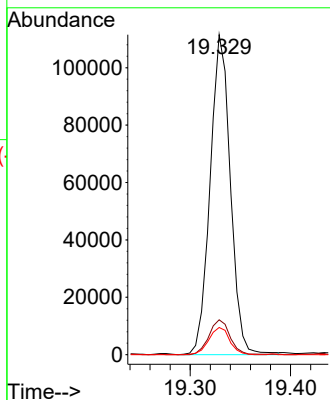
Tgt Ion:202 Resp: 156728
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 8.5 7.2 10.8

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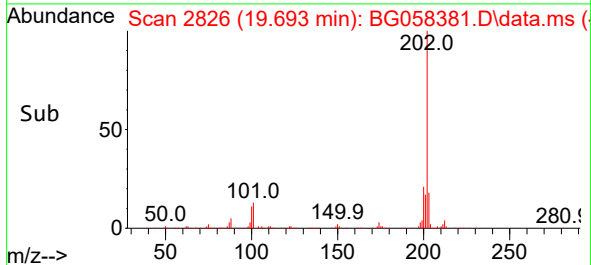
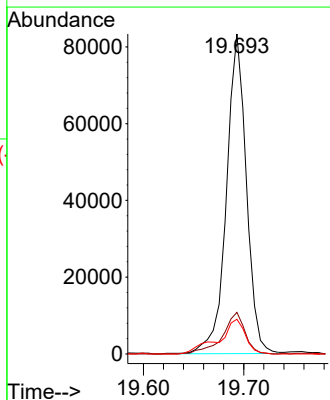
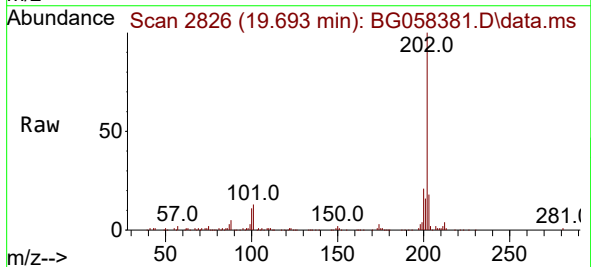
07/21/2023
Supervised By :mohammad
ahmed

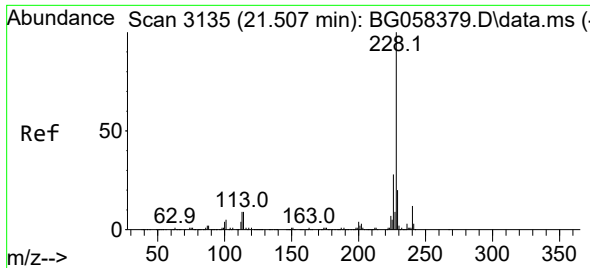
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#82
Pyrene
Concen: 5.330 ng/uI
RT: 19.693 min Scan# 2826
Delta R.T. -0.004 min
Lab File: BG058381.D
Acq: 21 Jul 2023 10:20

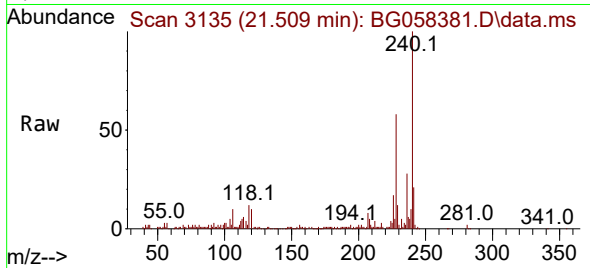
Tgt Ion:202 Resp: 114802
Ion Ratio Lower Upper
202 100
101 13.0 10.2 15.2
100 10.9 8.9 13.3





#85
Benzo(a)anthracene
Concen: 2.520 ng/ul
RT: 21.509 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BG058381.D
Acq: 21 Jul 2023 10:20

Instrument :
BNA_G
ClientSampleId :
A46S9



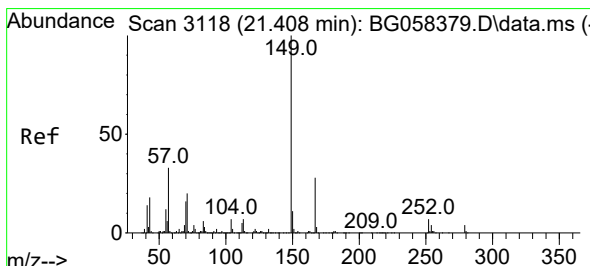
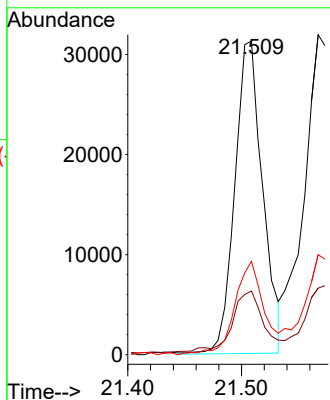
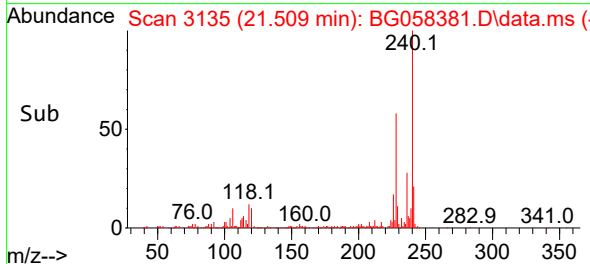
Tgt Ion:228 Resp: 53210
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 29.8 21.8 32.8

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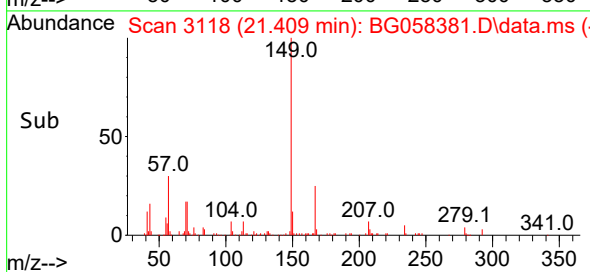
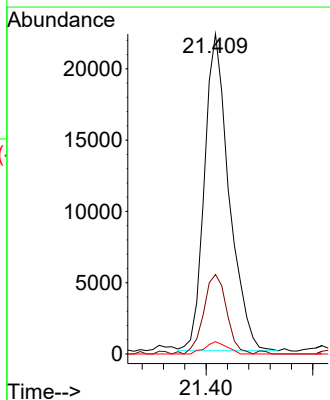
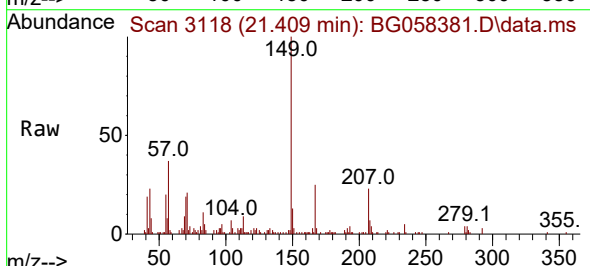
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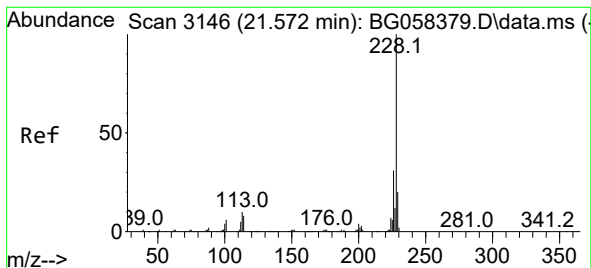
07/21/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.960 ng/ul
RT: 21.409 min Scan# 3118
Delta R.T. -0.004 min
Lab File: BG058381.D
Acq: 21 Jul 2023 10:20

Tgt Ion:149 Resp: 35710
Ion Ratio Lower Upper
149 100
167 24.8 21.6 32.4
279 3.8 3.0 4.4





#87

Chrysene

Concen: 3.058 ng/ul

RT: 21.567 min Scan# 3145

Delta R.T. -0.009 min

Lab File: BG058381.D

Acq: 21 Jul 2023 10:20

Instrument :

BNA_G

ClientSampleId :

A46S9

Tgt Ion:228 Resp: 6124
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.0 36.0
 229 20.8 15.8 23.8

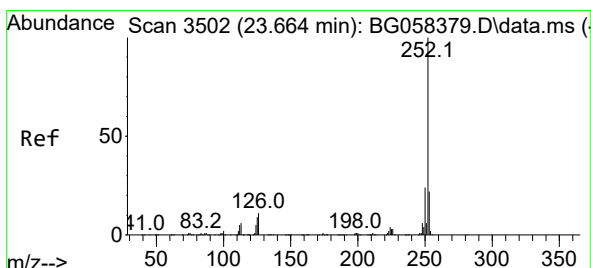
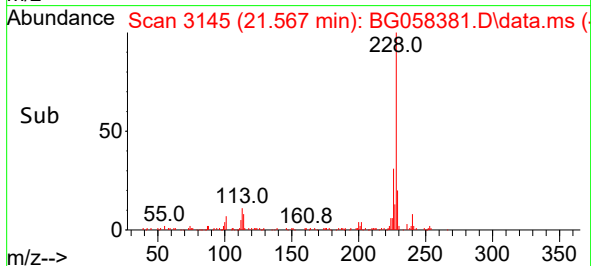
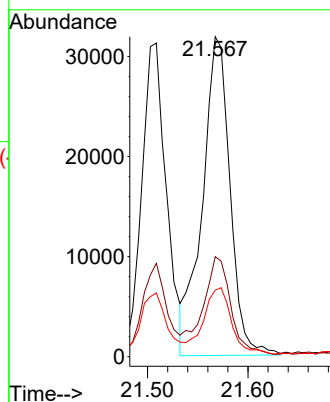
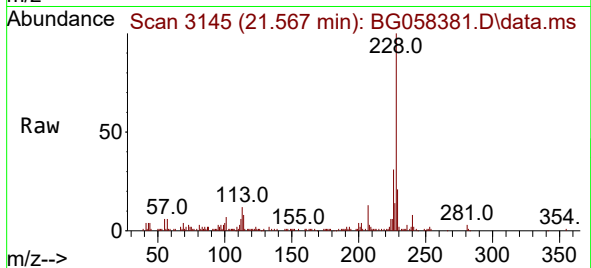
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#90

Benzo(b)fluoranthene

Concen: 3.420 ng/ul

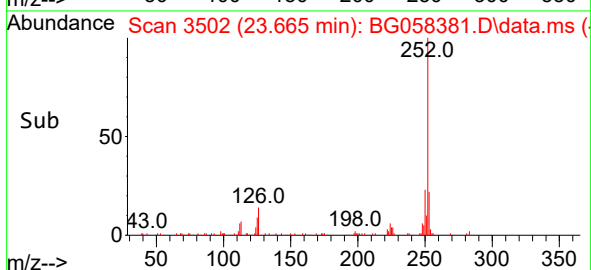
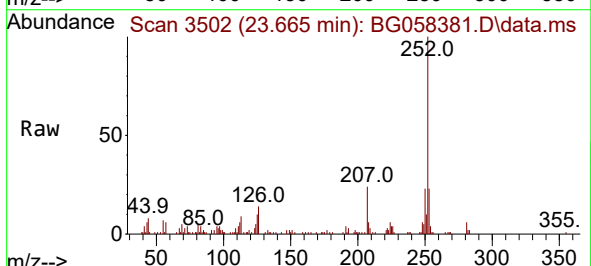
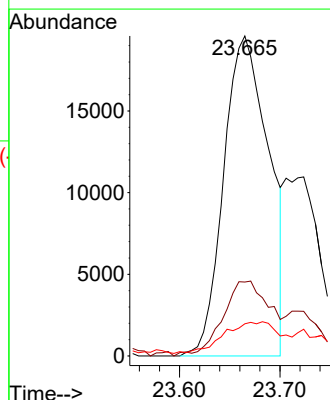
RT: 23.665 min Scan# 3502

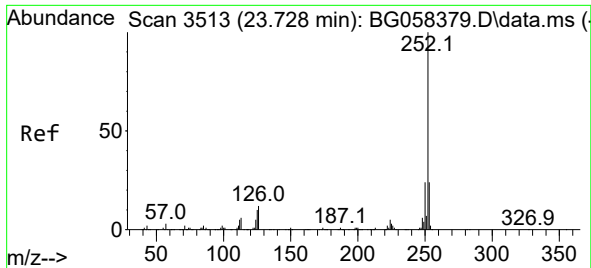
Delta R.T. -0.004 min

Lab File: BG058381.D

Acq: 21 Jul 2023 10:20

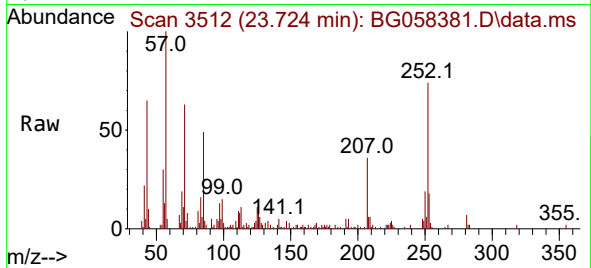
Tgt Ion:252 Resp: 61099
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.9 26.9
 125 10.1 6.7 10.1





#91
Benzo(k)fluoranthene
Concen: 1.506 ng/ul m
RT: 23.724 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG058381.D
Acq: 21 Jul 2023 10:20

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:252 Resp: 26824
Ion Ratio Lower Upper
252 100
253 24.9 18.3 27.5
125 14.9 7.4 11.0

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