

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058443.D
 Acq On : 25 Jul 2023 11:12
 Operator : CG/JU
 Sample : 03504-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46W8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :Jagrut Upadhyay 07/25/2023

Quant Time: Jul 25 11:50:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	54081	20.000	ng/u1	0.00
20) Naphthalene-d8	10.618	136	244412	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.460	164	184777	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	449159	20.000	ng/u1	0.00
79) Chrysene-d12	21.446	240	380523	20.000	ng/u1	0.00
88) Perylene-d12	24.513	264	365219	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.238	96	1426	0.971	ng/uL	0.00
4) Pyridine-d5	3.649	84	30275	6.942	ng/u1	0.00
7) Phenol-d5	6.987	99	55227	10.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	51091	15.933	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	41955	11.683	ng/u1	0.00
15) 4-Methylphenol-d8	8.526	113	33824	8.643	ng/u1	0.00
21) Nitrobenzene-d5	8.978	128	27335	14.921	ng/u1	0.00
24) 2-Nitrophenol-d4	9.701	143	32106	16.053	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.242	165	37050m	9.663	ng/u1	0.00
31) 4-Chloroaniline-d4	10.770	131	11610m	2.089	ng/u1	0.01
46) Dimethylphthalate-d6	13.867	166	234096	16.429	ng/u1	0.00
49) Acenaphthylene-d8	14.155	160	251663	16.854	ng/u1	0.00
54) 4-Nitrophenol-d4	14.683	143	13959m	6.487	ng/u1	0.00
60) Fluorene-d10	15.453	176	208586	17.682	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.582	200	23556	10.294	ng/u1	0.00
73) Anthracene-d10	17.304	188	233938	12.054	ng/u1	0.00
81) Pyrene-d10	19.595	212	371341	16.522	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.302	264	259127	14.680	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.643	105	7526	1.129	ng/u1	88
72) Phenanthrene	17.251	178	27277	1.278	ng/u1	97
80) Fluoranthene	19.260	202	62597	2.431	ng/u1	97
82) Pyrene	19.625	202	44836	1.719	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.334	149	39298	2.690	ng/u1	100
87) Chrysene	21.487	228	29705m	1.224	ng/u1	
90) Benzo(b)fluoranthene	23.538	252	38146	1.805	ng/u1	99

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

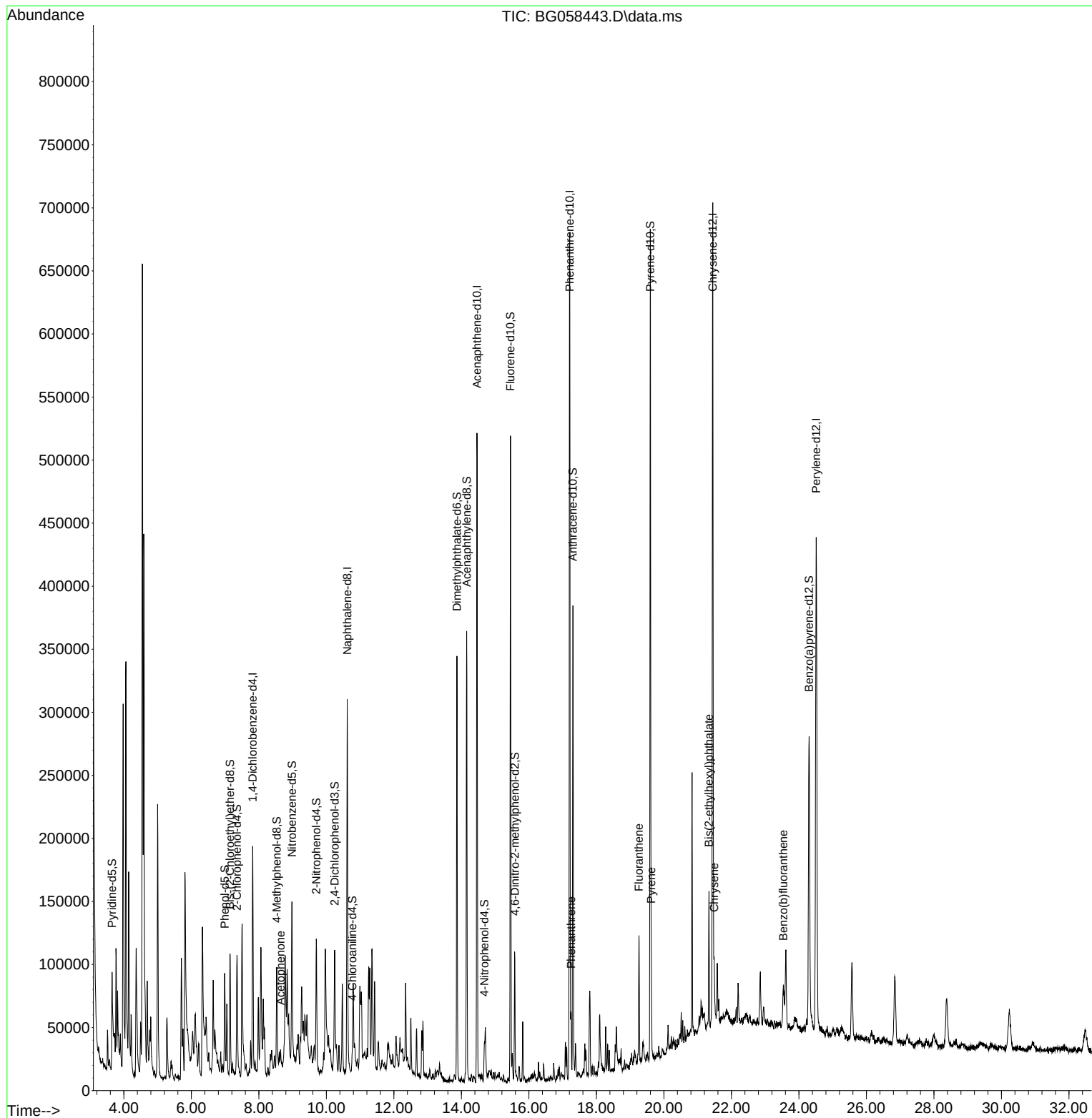
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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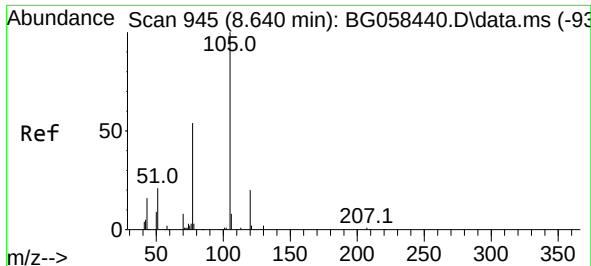
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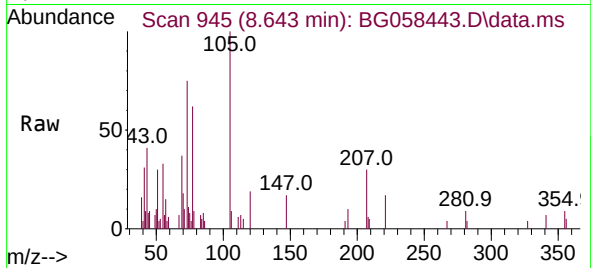
Quant Time: Jul 25 11:50:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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#16
Acetophenone
Concen: 1.129 ng/ul
RT: 8.643 min Scan# 945
Delta R.T. 0.003 min
Lab File: BG058443.D
Acq: 25 Jul 2023 11:12

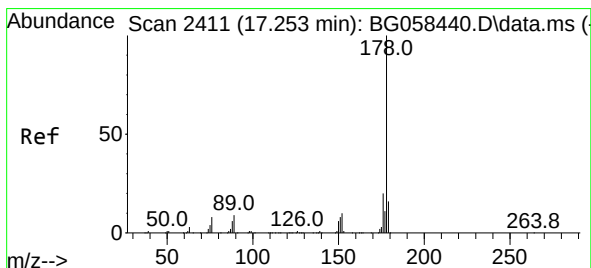
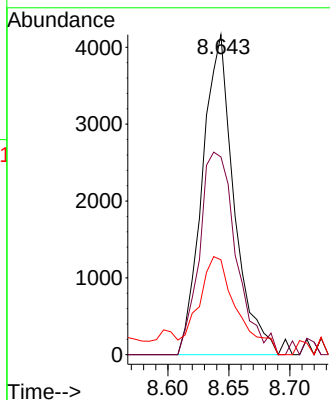
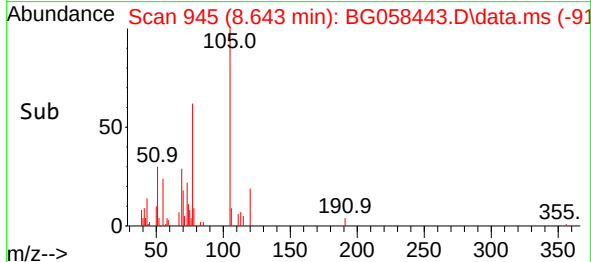
Instrument :
BNA_G
ClientSampleId :
A46W8



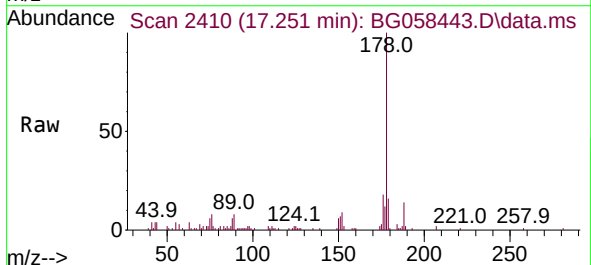
Tgt Ion:105 Resp: 7520
Ion Ratio Lower Upper
105 100
77 61.8 60.7 91.1
51 29.6 23.5 35.3

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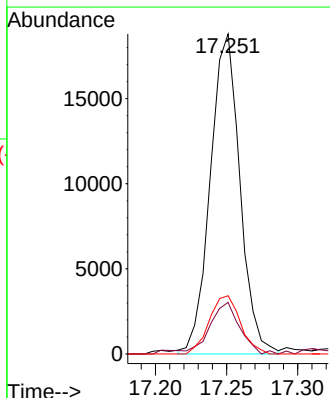
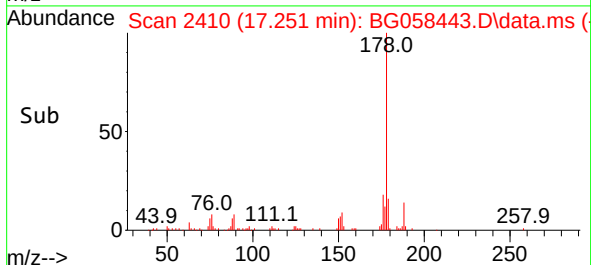
Reviewed By :Yogesh Patel 07/25/2023
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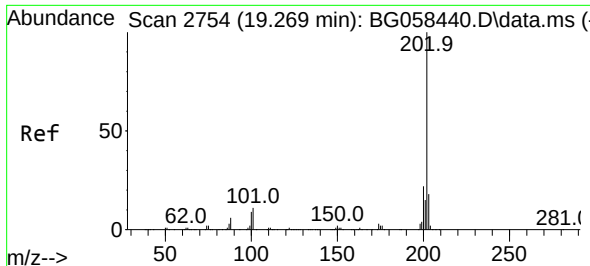


#72
Phenanthrene
Concen: 1.278 ng/ul
RT: 17.251 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG058443.D
Acq: 25 Jul 2023 11:12



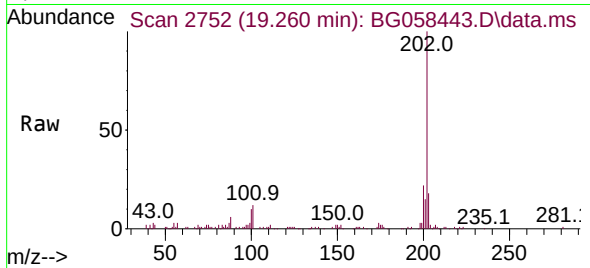
Tgt Ion:178 Resp: 27277
Ion Ratio Lower Upper
178 100
179 16.1 11.9 17.9
176 18.2 15.8 23.8





#80
Fluoranthene
Concen: 2.431 ng/u1
RT: 19.260 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG058443.D
Acq: 25 Jul 2023 11:12

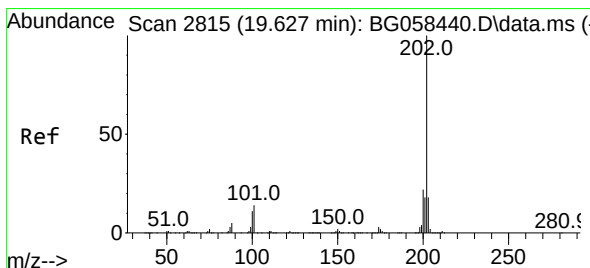
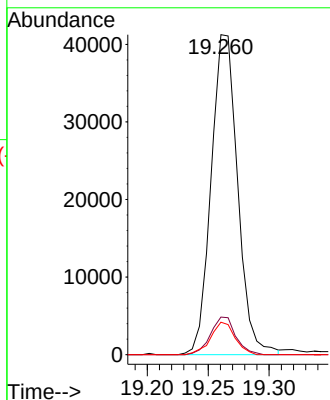
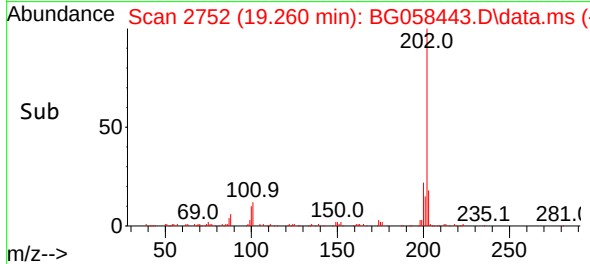
Instrument :
BNA_G
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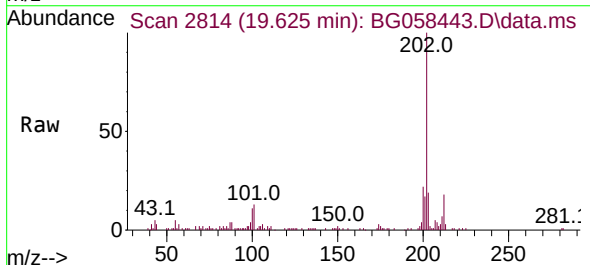
Tgt Ion:202 Resp: 6259
Ion Ratio Lower Upper
202 100
101 11.7 8.6 12.8
100 10.1 7.2 10.8

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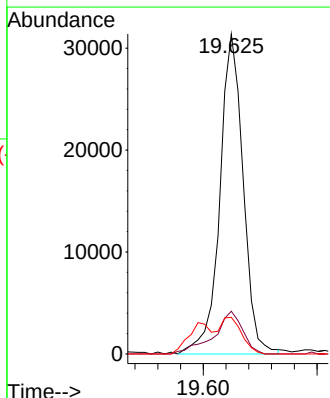
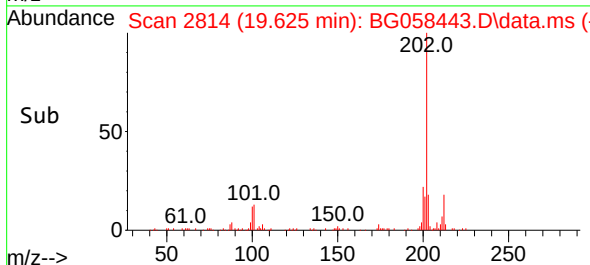
Reviewed By :Yogesh Patel 07/25/2023
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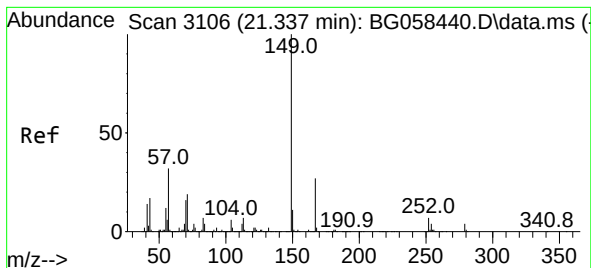


#82
Pyrene
Concen: 1.719 ng/u1
RT: 19.625 min Scan# 2814
Delta R.T. -0.003 min
Lab File: BG058443.D
Acq: 25 Jul 2023 11:12



Tgt Ion:202 Resp: 44836
Ion Ratio Lower Upper
202 100
101 13.3 10.2 15.2
100 11.4 8.9 13.3





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.690 ng/ul

RT: 21.334 min Scan# 3105

Delta R.T. -0.003 min

Lab File: BG058443.D

Acq: 25 Jul 2023 11:12

Instrument :

BNA_G

ClientSampleId :

A46W8

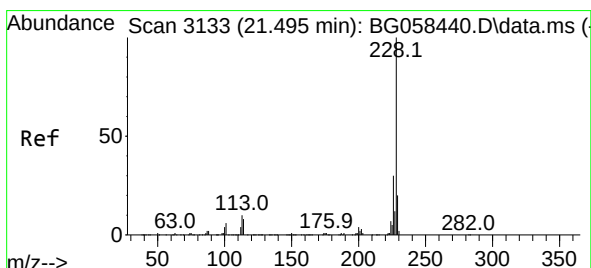
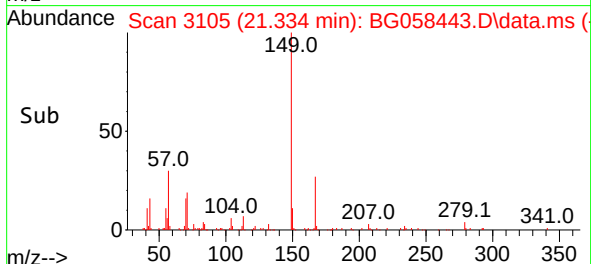
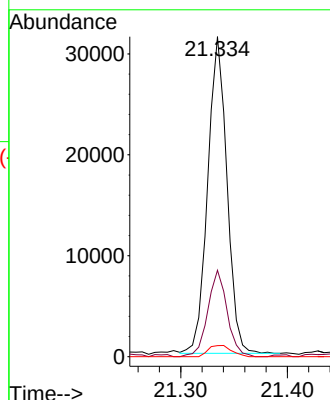
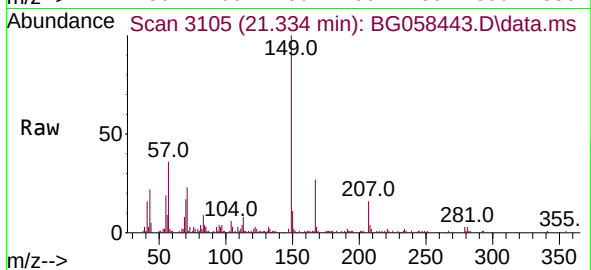
Tgt Ion:149 Resp: 39298
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.6 32.4
 279 3.5 3.0 4.4

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#87

Chrysene

Concen: 1.224 ng/ul m

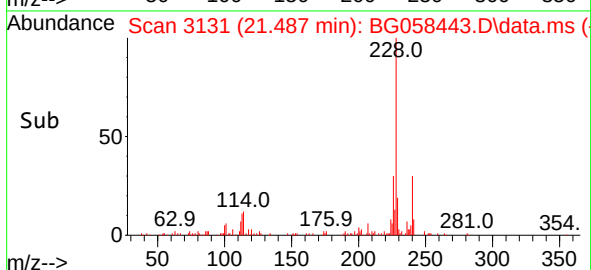
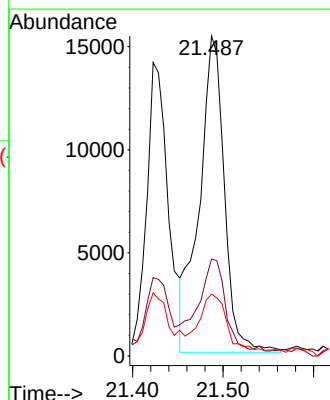
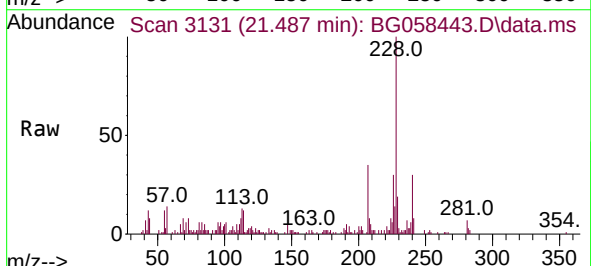
RT: 21.487 min Scan# 3131

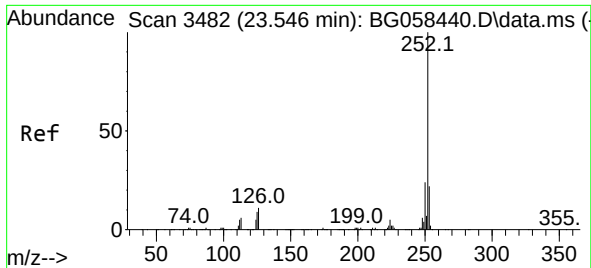
Delta R.T. -0.009 min

Lab File: BG058443.D

Acq: 25 Jul 2023 11:12

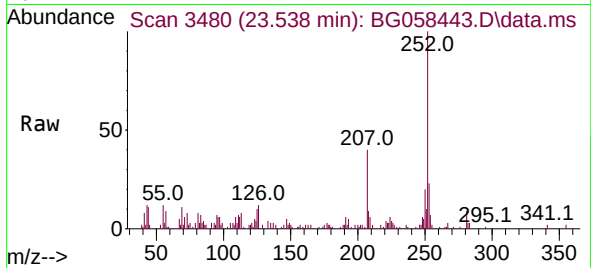
Tgt Ion:228 Resp: 29705
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.0 36.0
 229 19.3 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 1.805 ng/ul
RT: 23.538 min Scan# 3480
Delta R.T. -0.009 min
Lab File: BG058443.D
Acq: 25 Jul 2023 11:12

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:252 Resp: 38140
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.9 6.7 10.1

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