

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061905.D
 Acq On : 5 Jul 2024 21:09
 Operator : MA/JU
 Sample : P2982-26
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CT9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 06 02:30:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	43607	20.000	ng/u1	0.00
20) Naphthalene-d8	10.908	136	209763	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	148201	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	353572	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	318115	20.000	ng/u1	# 0.00
88) Perylene-d12	24.956	264	378994	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	4883	4.208	ng/uL	0.00
4) Pyridine-d5	3.904	84	52113	14.605	ng/u1	0.00
7) Phenol-d5	7.241	99	102570	21.493	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.418	67	60943	20.166	ng/u1	0.00
11) 2-Chlorophenol-d4	7.623	132	73148	22.346	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	81347	21.650	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	39525	24.776	ng/u1	0.00
24) 2-Nitrophenol-d4	9.985	143	48804	26.789	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	88699	25.242	ng/u1	0.00
31) 4-Chloroaniline-d4	11.037	131	90440	17.727	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	299575	24.587	ng/u1	0.00
49) Acenaphthylene-d8	14.415	160	327769	25.727	ng/u1	0.00
54) 4-Nitrophenol-d4	14.903	143	45399	23.332	ng/u1	-0.01
60) Fluorene-d10	15.702	176	261494	25.494	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	43023	23.169	ng/u1	-0.01
73) Anthracene-d10	17.553	188	400780	24.278	ng/u1	0.00
81) Pyrene-d10	19.833	212	457981	24.476	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.727	264	480040	25.539	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.500	178	21166	1.135	ng/u1	93
80) Fluoranthene	19.498	202	42722	1.929	ng/u1#	97
82) Pyrene	19.862	202	43753	1.913	ng/u1#	94
87) Chrysene	21.760	228	24240	1.124	ng/u1#	92
90) Benzo(b)fluoranthene	23.922	252	36858m	1.544	ng/u1	
93) Benzo(a)pyrene	24.797	252	25222	1.115	ng/u1	97

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

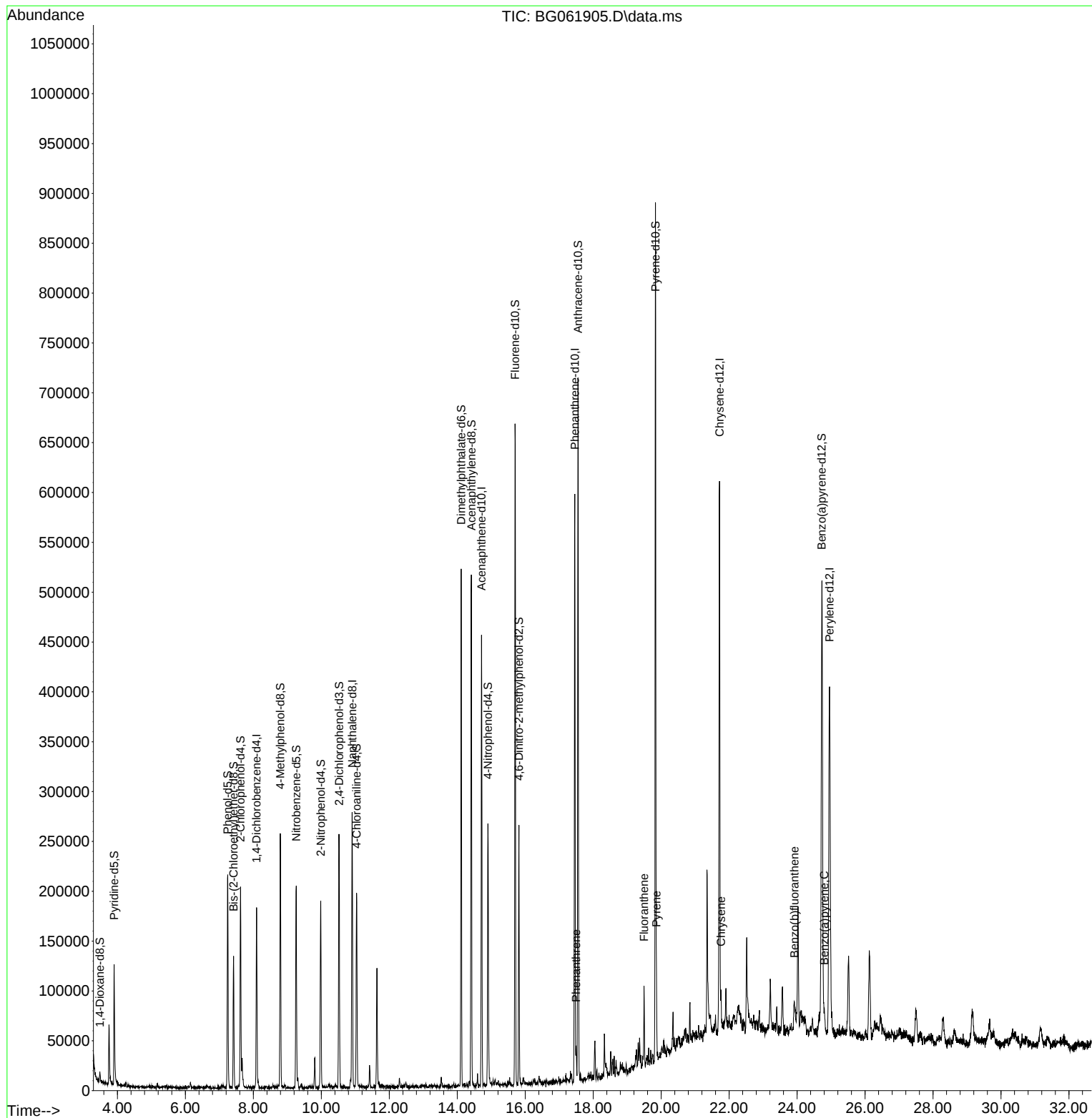
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
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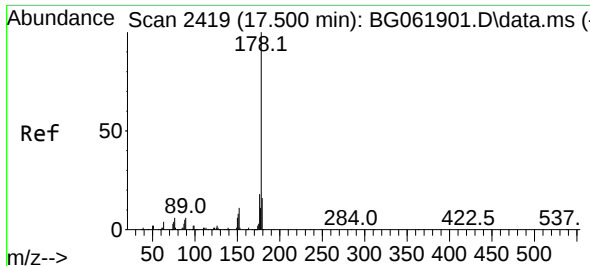
Instrument :
BNA_G
ClientSampleId :
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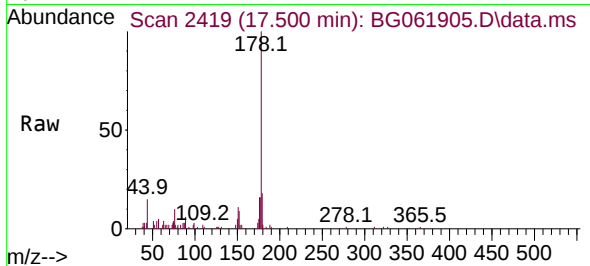
Quant Time: Jul 06 02:30:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.135 ng/ul
RT: 17.500 min Scan# 2419
Delta R.T. -0.007 min
Lab File: BG061905.D
Acq: 5 Jul 2024 21:09

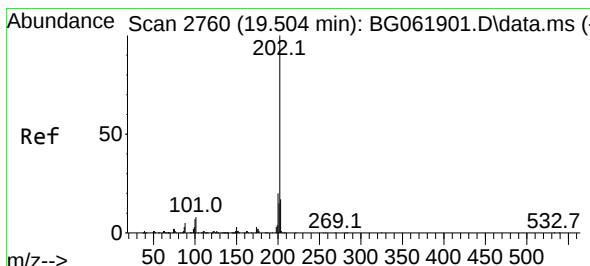
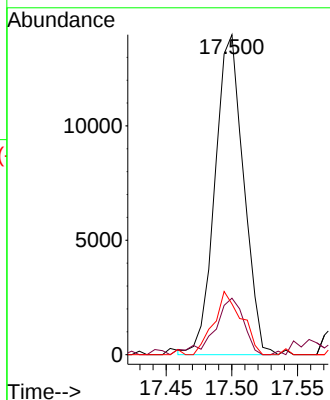
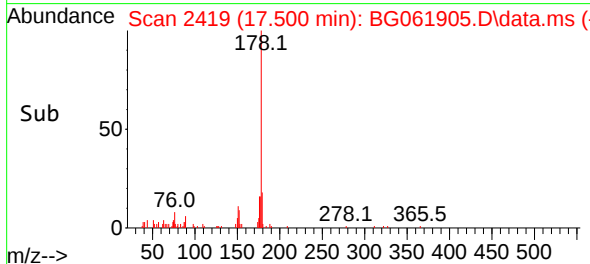
Instrument :
BNA_G
ClientSampleId :
A4CT9



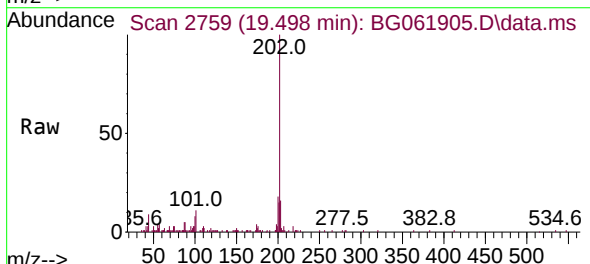
Tgt Ion:178 Resp: 21160
Ion Ratio Lower Upper
178 100
179 17.7 11.9 17.9
176 15.9 15.5 23.3

Manual Integrations
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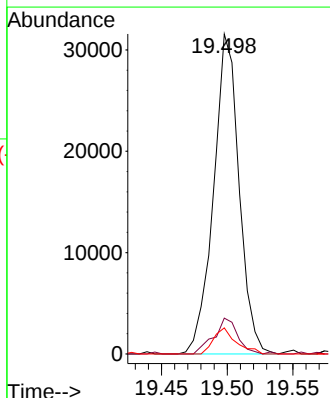
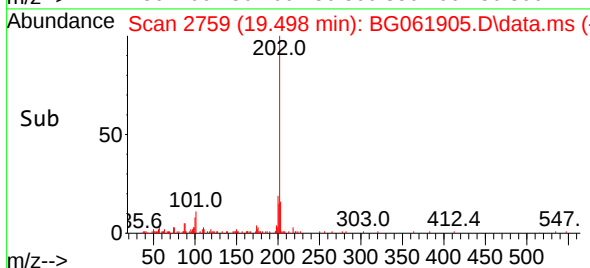
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024

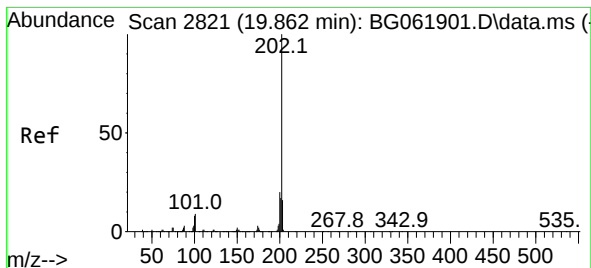


#80
Fluoranthene
Concen: 1.929 ng/ul
RT: 19.498 min Scan# 2759
Delta R.T. -0.007 min
Lab File: BG061905.D
Acq: 5 Jul 2024 21:09



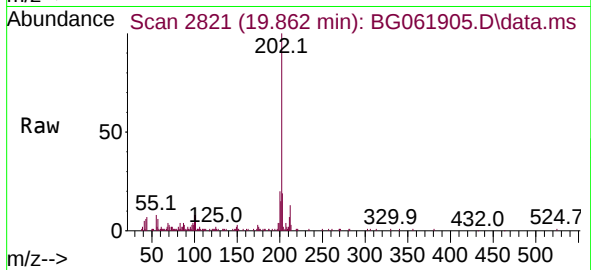
Tgt Ion:202 Resp: 42722
Ion Ratio Lower Upper
202 100
101 11.2 7.4 11.2#
100 8.2 6.6 10.0





#82
Pyrene
Concen: 1.913 ng/ul
RT: 19.862 min Scan# 2821
Delta R.T. -0.007 min
Lab File: BG061905.D
Acq: 5 Jul 2024 21:09

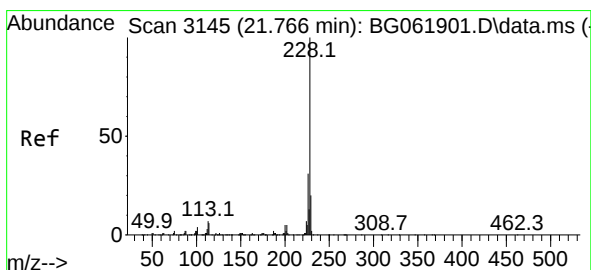
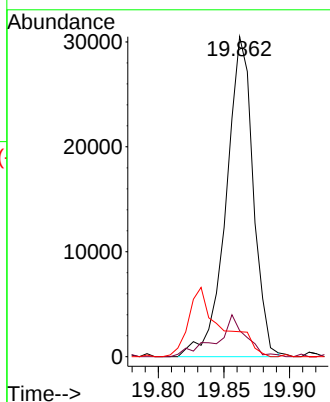
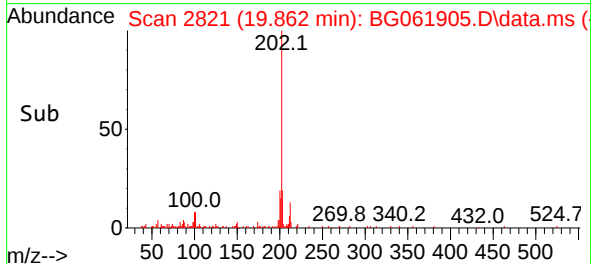
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Tgt Ion:202 Resp: 4375
Ion Ratio Lower Upper
202 100
101 8.2 8.8 13.2
100 7.8 7.6 11.4

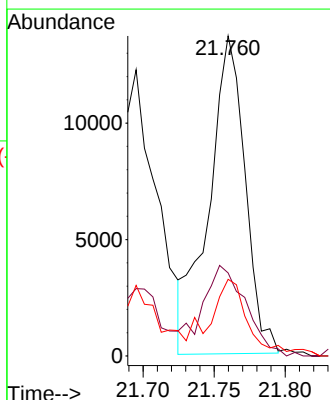
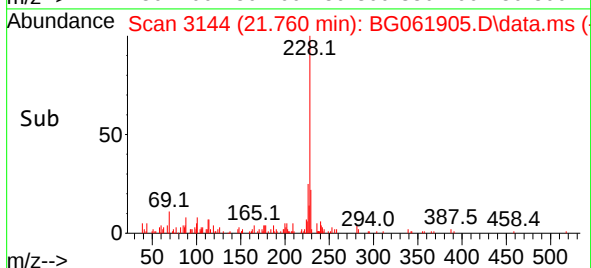
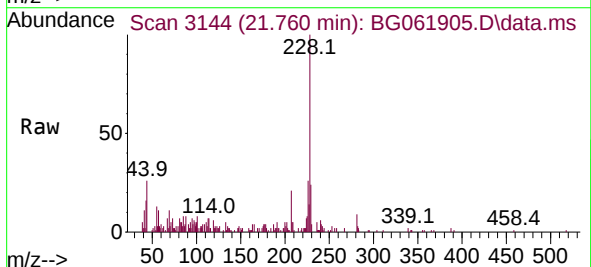
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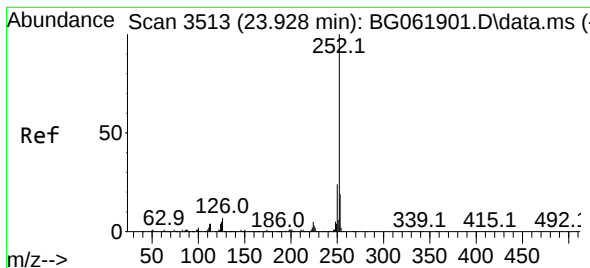
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/09/2024



#87
Chrysene
Concen: 1.124 ng/ul
RT: 21.760 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BG061905.D
Acq: 5 Jul 2024 21:09

Tgt Ion:228 Resp: 24240
Ion Ratio Lower Upper
228 100
226 25.9 23.3 34.9
229 24.0 15.5 23.3#





#90

Benzo(b)fluoranthene

Concen: 1.544 ng/ul m

RT: 23.922 min Scan# 3513

Delta R.T. -0.012 min

Lab File: BG061905.D

Acq: 5 Jul 2024 21:09

Instrument :

BNA_G

ClientSampleId :

A4CT9

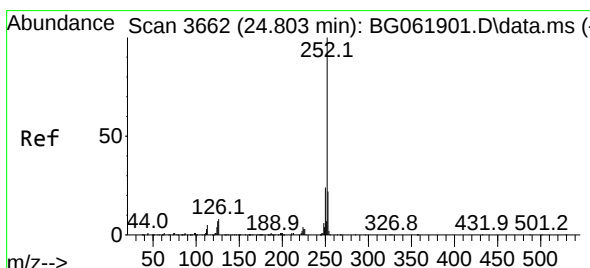
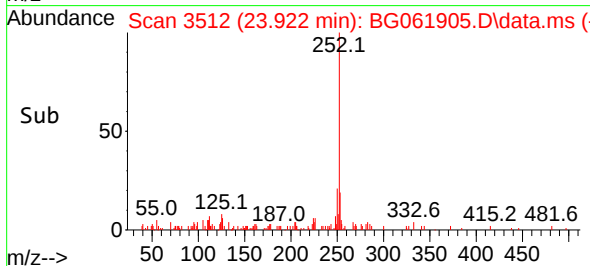
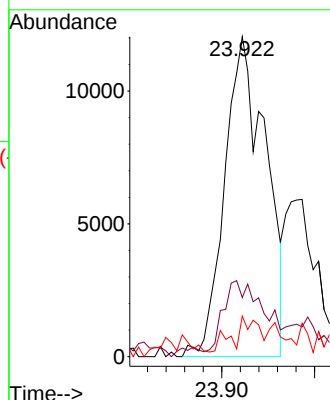
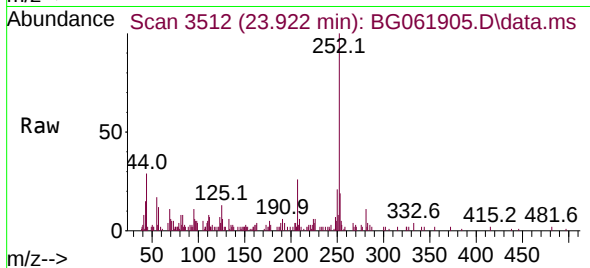
Tgt Ion:	252	Resp:	3685
Ion Ratio	Lower	Upper	
252	100		
253	18.5	17.2	25.8
125	12.7	6.1	9.1

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.115 ng/ul

RT: 24.797 min Scan# 3661

Delta R.T. -0.018 min

Lab File: BG061905.D

Acq: 5 Jul 2024 21:09

Tgt Ion:	252	Resp:	25222
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.5	24.7
125	10.1	7.4	11.2

