

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058391.D
 Acq On : 21 Jul 2023 17:22
 Operator : CG/JU
 Sample : 03504-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46T5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 22 01:30:50 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	7.900	152	53926	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	224506	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	145353	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	310442	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	251705	20.000	ng/u1	0.00
88) Perylene-d12	24.668	264	295318	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	4511	3.079	ng/uL	0.01
4) Pyridine-d5	3.752	84	50642	11.645	ng/u1	0.00
7) Phenol-d5	7.066	99	29519	5.770	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	60817	19.021	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	42129	11.765	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	2427	0.622	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	32842	19.516	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	35781	19.476	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	21112	5.995	ng/u1	0.00
31) 4-Chloroaniline-d4	10.867	131	664m	0.130	ng/u1	0.03
46) Dimethylphthalate-d6	13.934	166	208305	18.584	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	134668	11.465	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	15505	9.160	ng/u1	0.00
60) Fluorene-d10	15.526	176	183630	19.788	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	8135	5.143	ng/u1	0.00
73) Anthracene-d10	17.377	188	88801	6.620	ng/u1	0.00
81) Pyrene-d10	19.668	212	41481	2.790	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.445	264	8010m	0.561	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.324	178	46553	3.155	ng/u1	98
80) Fluoranthene	19.334	202	66075	3.880	ng/u1	98
85) Benzo(a)anthracene	21.507	228	23003	1.360	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.413	149	24400	2.525	ng/u1	99
87) Chrysene	21.572	228	22247m	1.386	ng/u1	
90) Benzo(b)fluoranthene	23.676	252	21216	1.242	ng/u1#	93

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

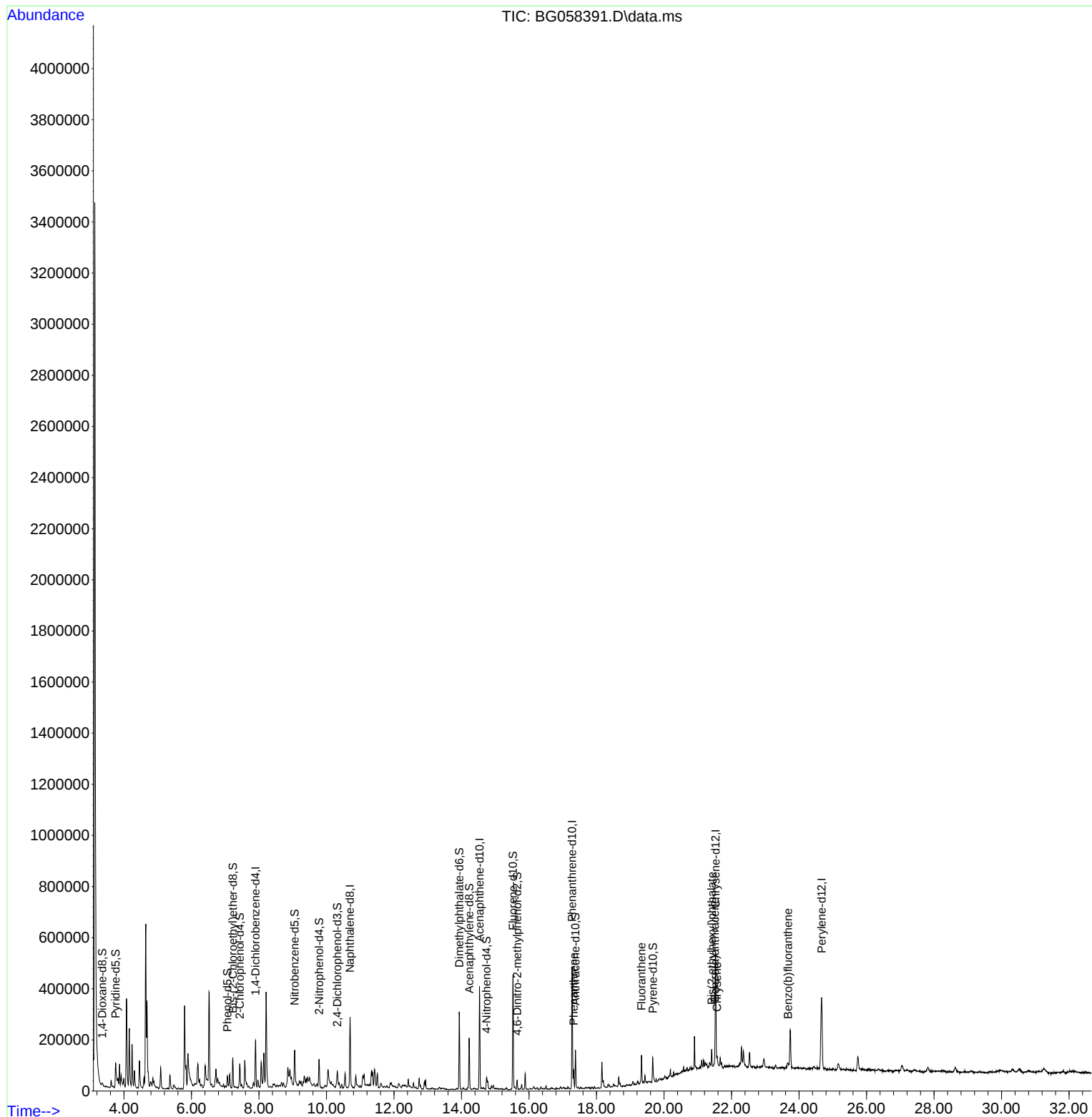
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058391.D
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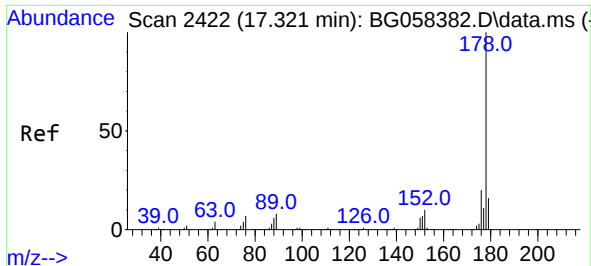
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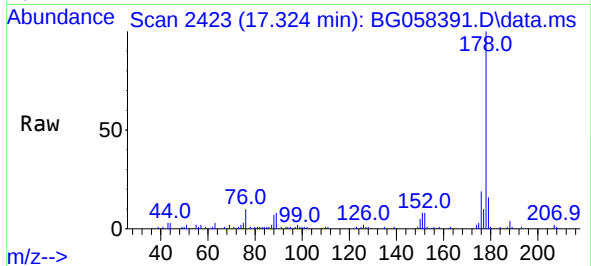
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.155 ng/ul
RT: 17.324 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058391.D
Acq: 21 Jul 2023 17:22

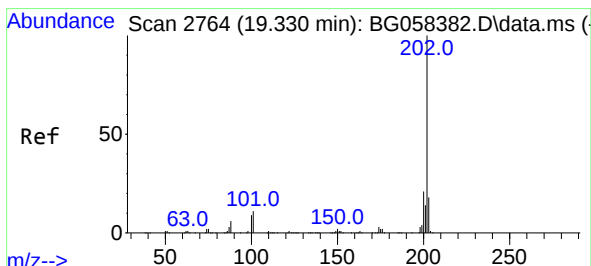
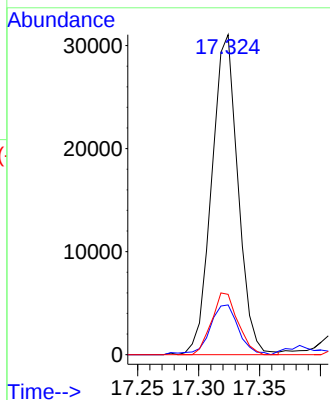
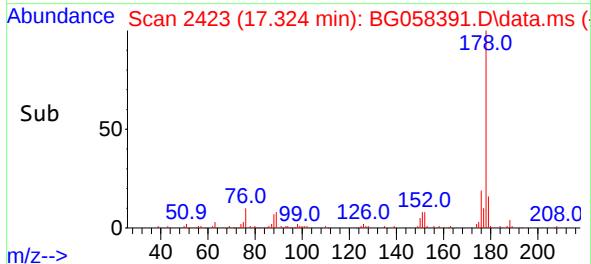
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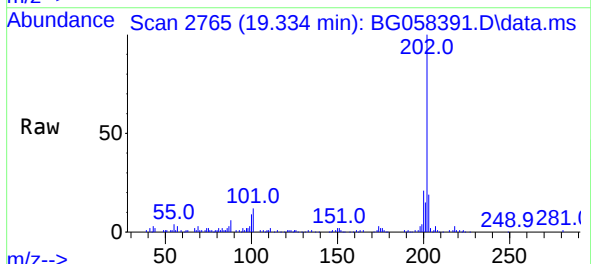
Tgt Ion:178 Resp: 4655
Ion Ratio Lower Upper
178 100
179 15.6 11.9 17.9
176 18.9 15.8 23.8

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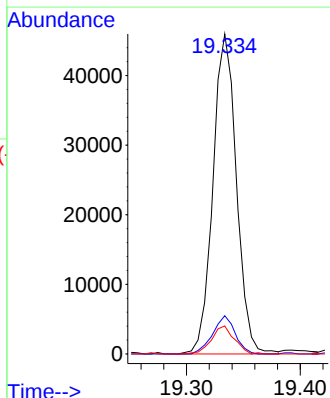
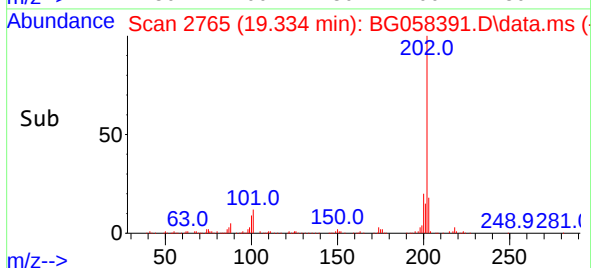
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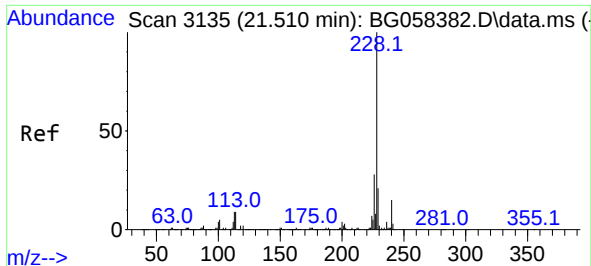


#80
Fluoranthene
Concen: 3.880 ng/ul
RT: 19.334 min Scan# 2765
Delta R.T. 0.001 min
Lab File: BG058391.D
Acq: 21 Jul 2023 17:22



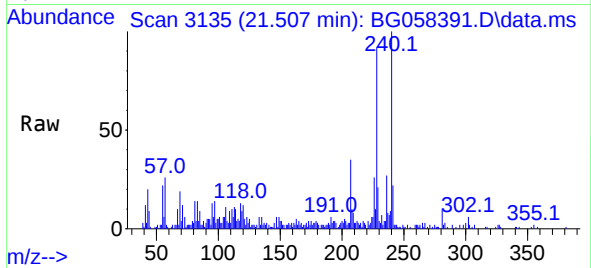
Tgt Ion:202 Resp: 66075
Ion Ratio Lower Upper
202 100
101 11.9 8.6 12.8
100 8.8 7.2 10.8





#85
Benzo(a)anthracene
Concen: 1.360 ng/ul
RT: 21.507 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG058391.D
Acq: 21 Jul 2023 17:22

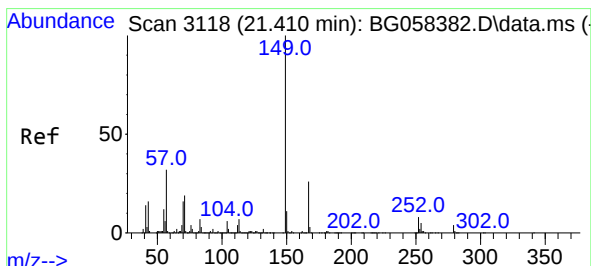
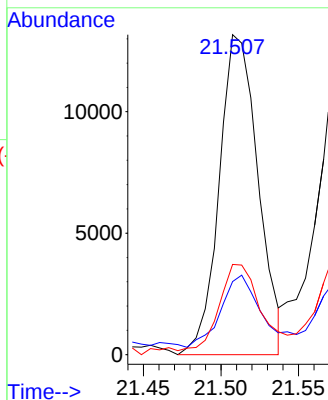
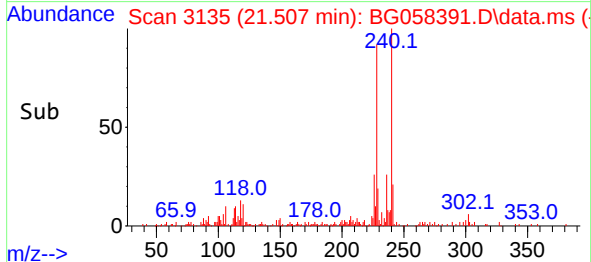
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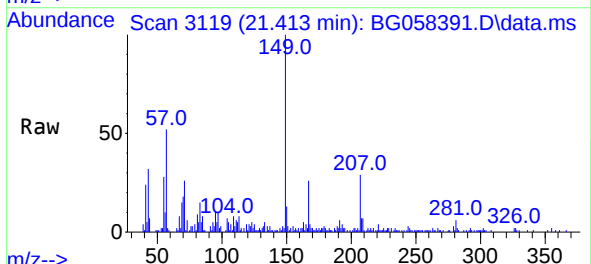
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Ion Ratio Lower Upper
228 100
229 22.9 15.7 23.5
226 28.2 21.8 32.8

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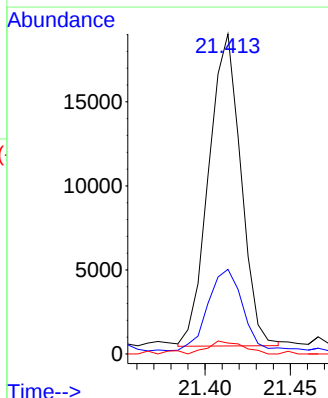
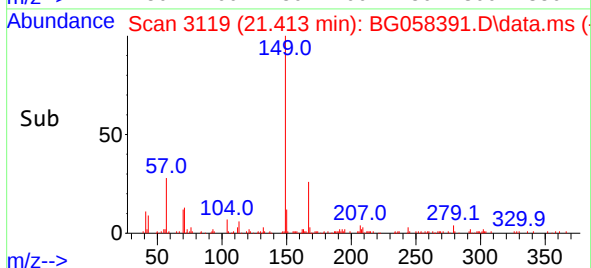
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

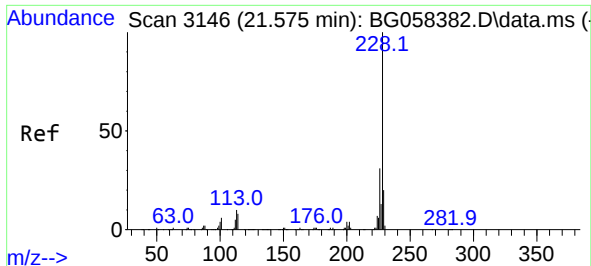


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.525 ng/ul
RT: 21.413 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG058391.D
Acq: 21 Jul 2023 17:22



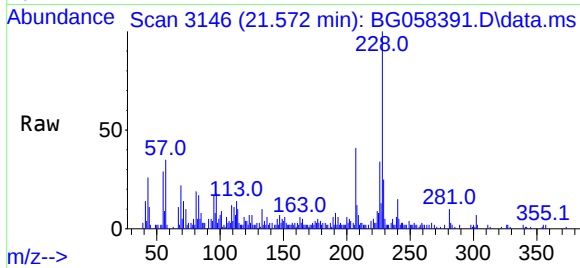
Tgt Ion:149 Resp: 24400
Ion Ratio Lower Upper
149 100
167 26.4 21.6 32.4
279 3.4 3.0 4.4





#87
Chrysene
Concen: 1.386 ng/ul m
RT: 21.572 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG058391.D
Acq: 21 Jul 2023 17:22

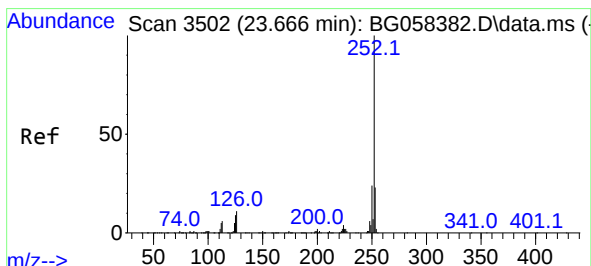
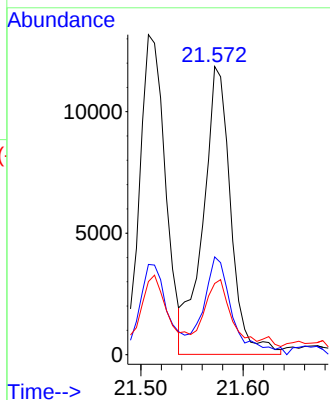
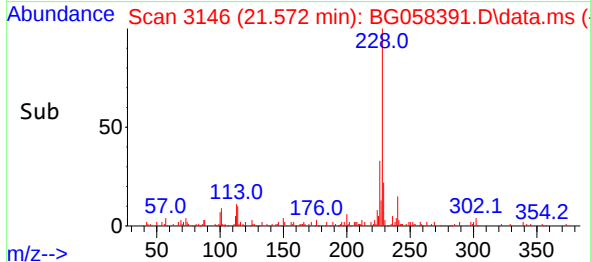
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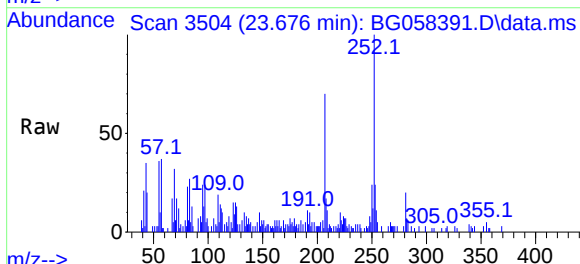
Tgt Ion:228 Resp: 2224
Ion Ratio Lower Upper
228 100
226 33.9 24.0 36.0
229 24.7 15.8 23.8

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#90
Benzo(b)fluoranthene
Concen: 1.242 ng/ul
RT: 23.676 min Scan# 3504
Delta R.T. 0.007 min
Lab File: BG058391.D
Acq: 21 Jul 2023 17:22



Tgt Ion:252 Resp: 21216
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 15.3 6.7 10.1

