

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062095.D
 Acq On : 16 Jul 2024 15:34
 Operator : MA/JU
 Sample : P3177-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BS1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/17/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 02:29:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.053	152	39996	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	191905	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	147891	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.436	188	307892	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.695	240	260281	20.000	ng/u1	# 0.00
88) Perylene-d12	24.927	264	333009	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	2991	2.810	ng/uL	0.01
4) Pyridine-d5	3.869	84	29531	9.024	ng/u1	0.01
7) Phenol-d5	7.230	99	88627	20.248	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.377	67	48601	17.534	ng/u1	0.00
11) 2-Chlorophenol-d4	7.588	132	63126	21.025	ng/u1	0.00
15) 4-Methylphenol-d8	8.775	113	71031	20.611	ng/u1	0.01
21) Nitrobenzene-d5	9.228	128	34023	23.311	ng/u1	0.00
24) 2-Nitrophenol-d4	9.944	143	42141	25.284	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	75179	23.385	ng/u1	0.01
31) 4-Chloroaniline-d4	11.008	131	84765	18.161	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	275574	22.665	ng/u1	0.00
49) Acenaphthylene-d8	14.386	160	299820	23.583	ng/u1	0.00
54) 4-Nitrophenol-d4	14.909	143	32838	16.912	ng/u1	0.00
60) Fluorene-d10	15.679	176	235141	22.973	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	32704	20.225	ng/u1	0.00
73) Anthracene-d10	17.536	188	351616	24.460	ng/u1	0.01
81) Pyrene-d10	19.815	212	337247	22.029	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.704	264	410299	24.843	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.477	178	20729	1.277	ng/u1	96
80) Fluoranthene	19.480	202	30791	1.699	ng/u1#	96
82) Pyrene	19.845	202	34854	1.862	ng/u1#	92
85) Benzo(a)anthracene	21.672	228	20105	1.067	ng/u1	94
87) Chrysene	21.737	228	22482m	1.274	ng/u1	
90) Benzo(b)fluoranthene	23.905	252	29527	1.407	ng/u1#	90

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

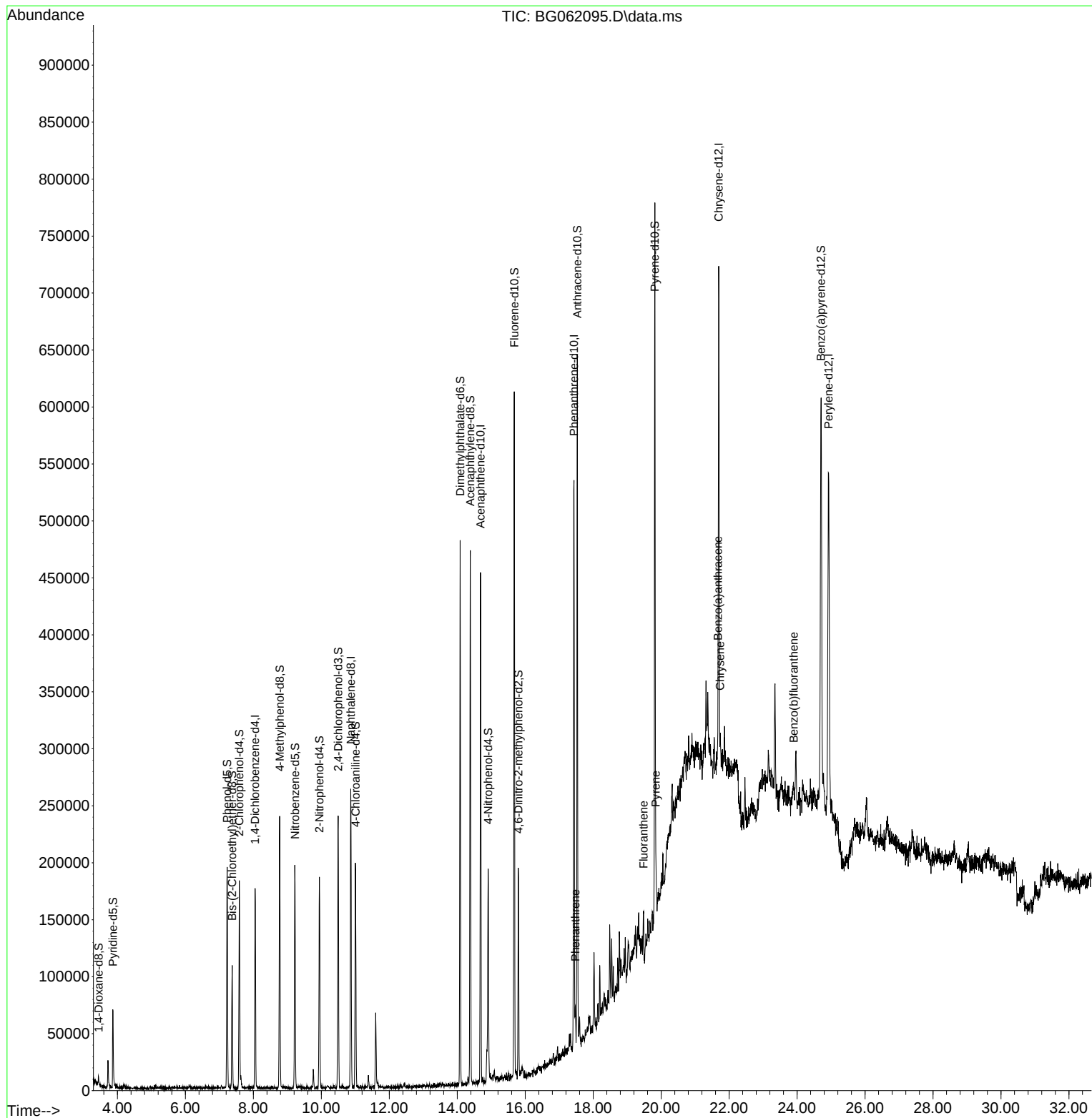
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
Data File : BG062095.D
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Operator : MA/JU
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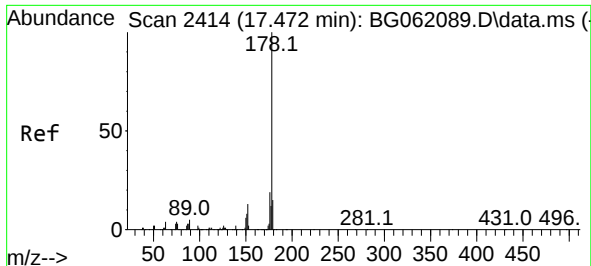
Instrument :
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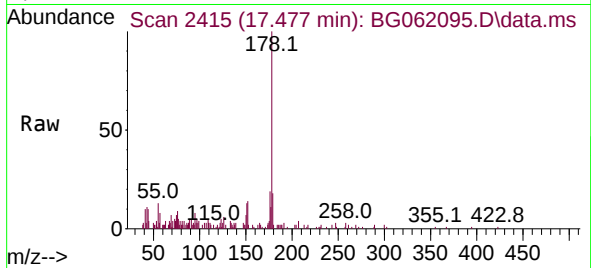
Quant Time: Jul 17 02:29:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.277 ng/ul
RT: 17.477 min Scan# 2415
Delta R.T. 0.005 min
Lab File: BG062095.D
Acq: 16 Jul 2024 15:34

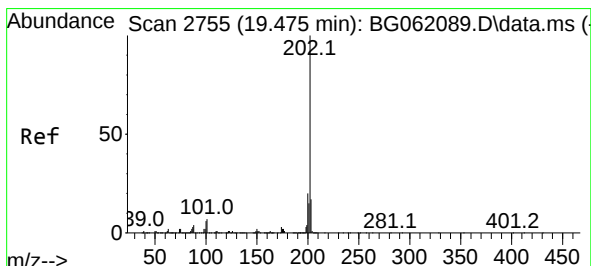
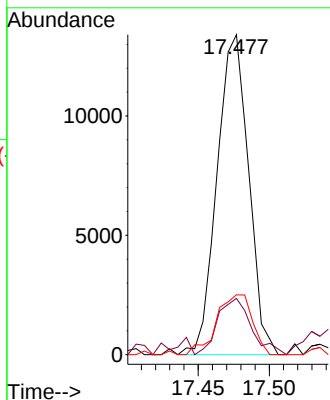
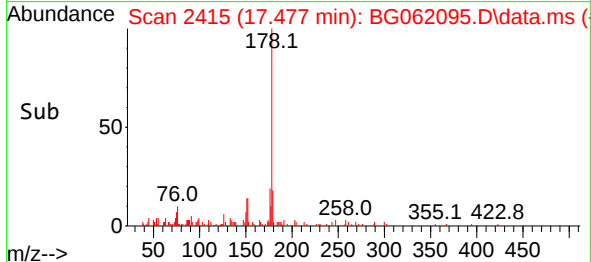
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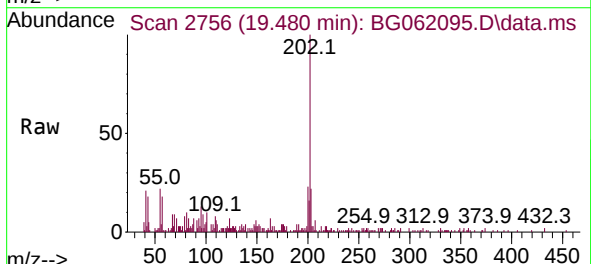
Tgt Ion:178 Resp: 20729
Ion Ratio Lower Upper
178 100
179 17.6 11.9 17.9
176 18.7 15.5 23.3

Manual Integrations
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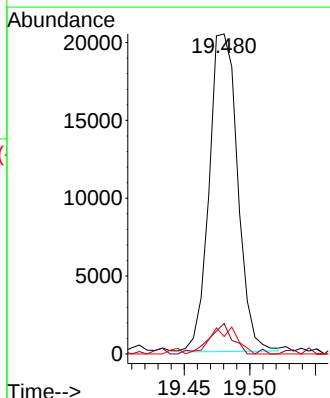
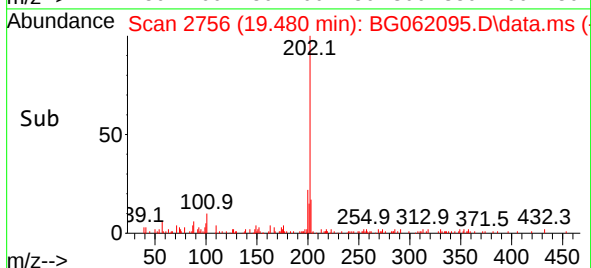
Reviewed By :Jagrut Upadhyay 07/17/2024
Supervised By :mohammad ahmed 07/18/2024

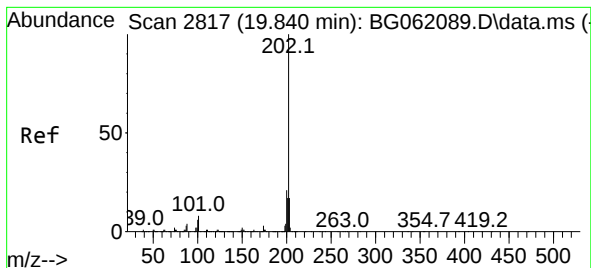


#80
Fluoranthene
Concen: 1.699 ng/ul
RT: 19.480 min Scan# 2756
Delta R.T. 0.005 min
Lab File: BG062095.D
Acq: 16 Jul 2024 15:34



Tgt Ion:202 Resp: 30791
Ion Ratio Lower Upper
202 100
101 9.5 7.4 11.2
100 5.5 6.6 10.0#





#82

Pyrene

Concen: 1.862 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG062095.D

Acq: 16 Jul 2024 15:34

Instrument :

BNA_G

ClientSampleId :

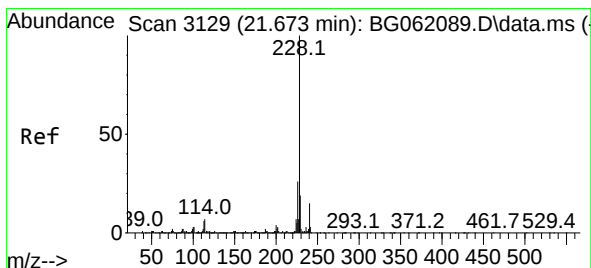
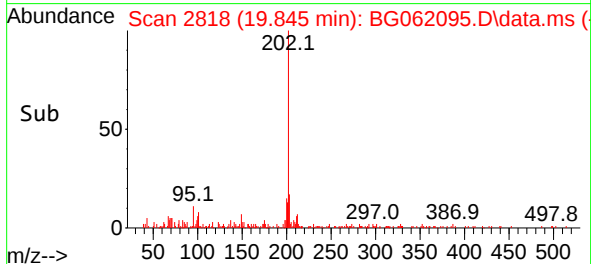
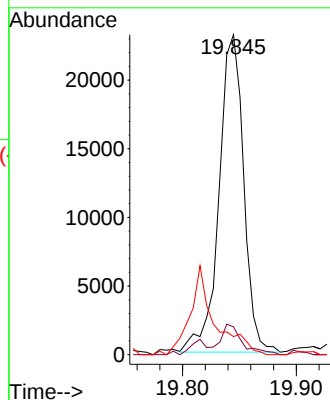
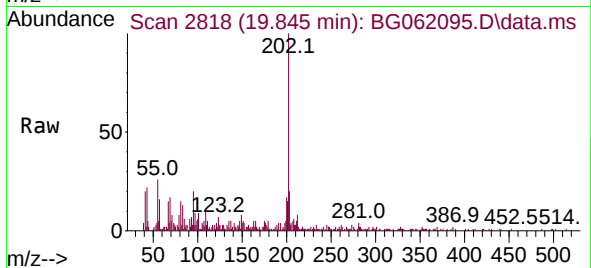
A4BS1

Tgt Ion:	202	Resp:	3485
Ion Ratio	Lower	Upper	
202	100		
101	8.7	8.8	13.2
100	5.7	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 1.067 ng/ul

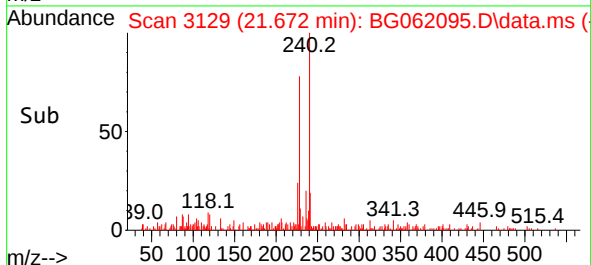
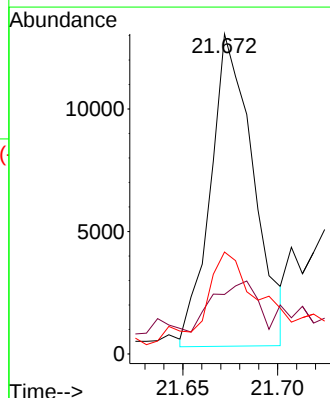
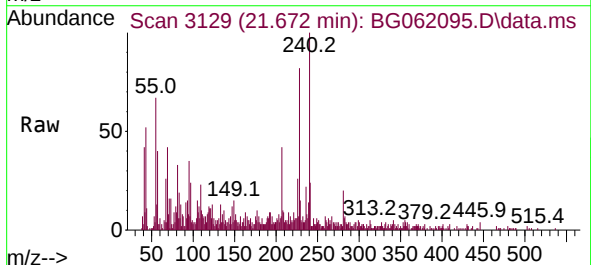
RT: 21.672 min Scan# 3129

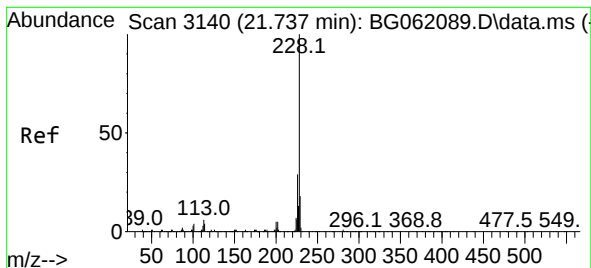
Delta R.T. -0.001 min

Lab File: BG062095.D

Acq: 16 Jul 2024 15:34

Tgt Ion:	228	Resp:	20105
Ion Ratio	Lower	Upper	
228	100		
229	18.6	15.7	23.5
226	31.9	21.7	32.5





#87

Chrysene

Concen: 1.274 ng/ul m

RT: 21.737 min Scan# 3140

Delta R.T. -0.001 min

Lab File: BG062095.D

Acq: 16 Jul 2024 15:34

Instrument :

BNA_G

ClientSampleId :

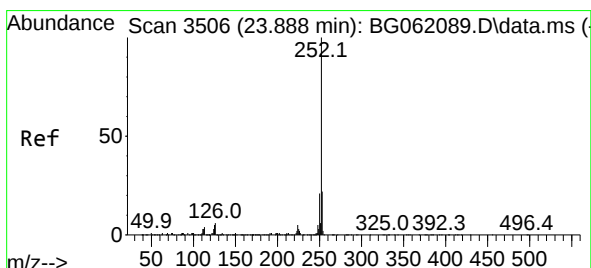
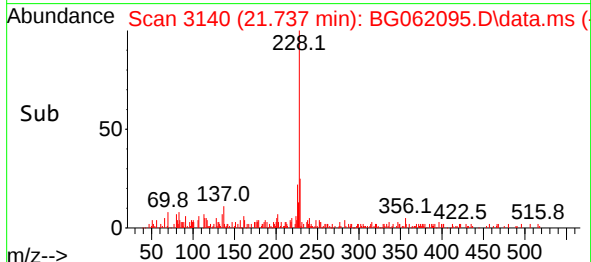
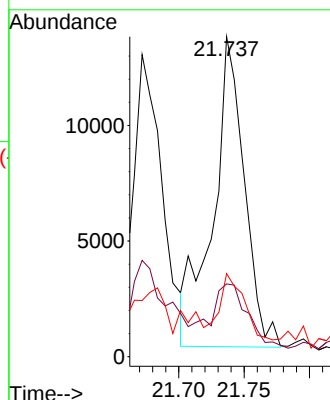
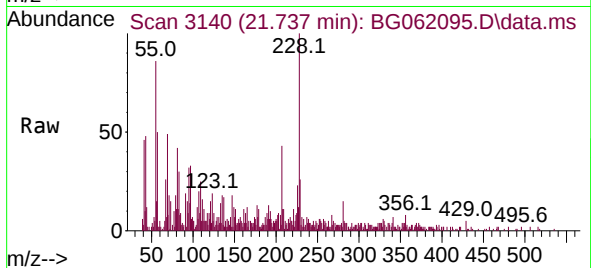
A4BS1

Tgt Ion:	228	Resp:	2248
Ion Ratio	Lower	Upper	
228	100		
226	22.7	23.3	34.9
229	26.0	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 1.407 ng/ul

RT: 23.905 min Scan# 3509

Delta R.T. 0.017 min

Lab File: BG062095.D

Acq: 16 Jul 2024 15:34

Tgt Ion:	252	Resp:	29527
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.2	25.8
125	21.4	6.1	9.1

