

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048031.D
 Acq On : 14 Oct 2024 16:53
 Operator : RC/JU
 Sample : P4239-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EM6

Quant Time: Oct 14 17:28:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

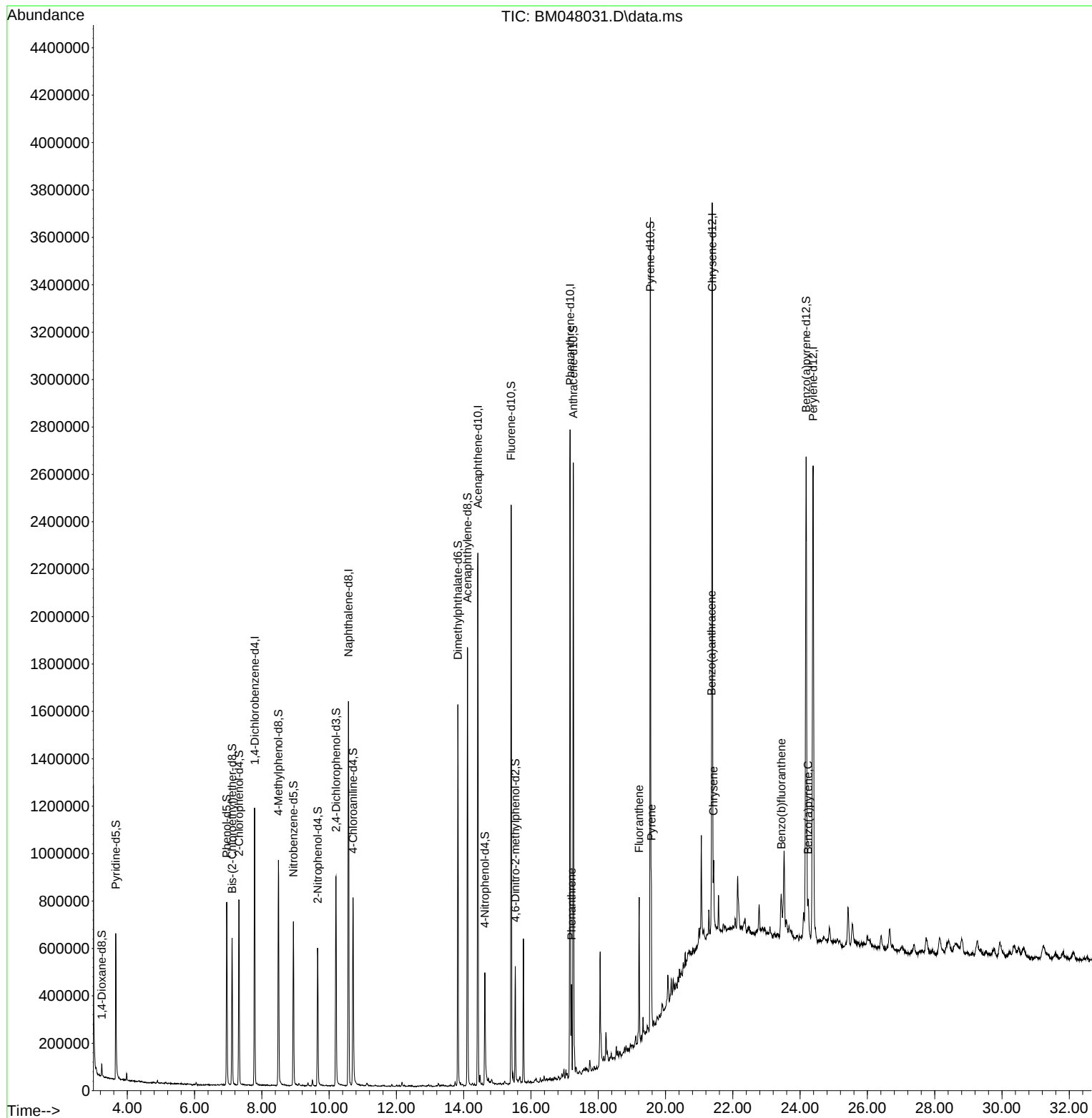
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	342539	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1364533	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	834878	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1680600	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1634652	20.000	ng/u1	0.00
88) Perylene-d12	24.386	264	1939419	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	26626	2.512	ng/uL	0.00
4) Pyridine-d5	3.658	84	345492	11.132	ng/u1	0.00
7) Phenol-d5	6.957	99	470093	14.513	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	274053	11.923	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	401754	17.048	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	383915	15.942	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	187377	17.247	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	209779	20.149	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	375382	18.049	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	496987	15.456	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	1104247	18.243	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	1310509	18.261	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	155507	12.904	ng/u1	0.00
60) Fluorene-d10	15.410	176	992378	18.928	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	105431	10.720	ng/u1	0.00
73) Anthracene-d10	17.257	188	1565586	18.945	ng/u1	0.00
81) Pyrene-d10	19.551	212	1888546	20.356	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	2024816	20.122	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	226434	2.298	ng/u1	99
80) Fluoranthene	19.215	202	360493	3.299	ng/u1	99
82) Pyrene	19.580	202	384259	3.160	ng/u1	96
85) Benzo(a)anthracene	21.368	228	170214	1.487	ng/u1	97
87) Chrysene	21.427	228	177739	1.593	ng/u1	97
90) Benzo(b)fluoranthene	23.439	252	211108	1.745	ng/u1#	95
93) Benzo(a)pyrene	24.239	252	151442	1.318	ng/u1#	91

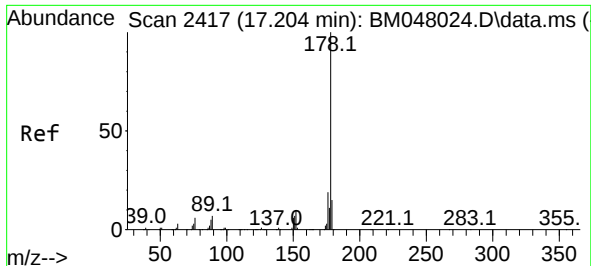
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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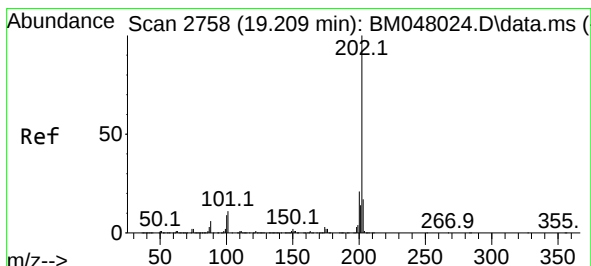
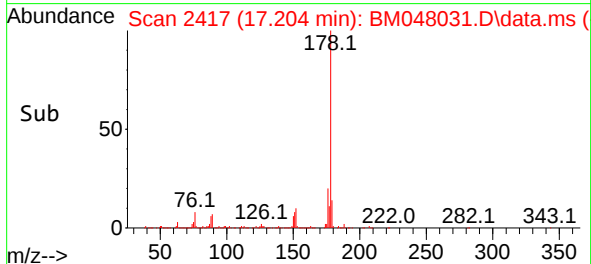
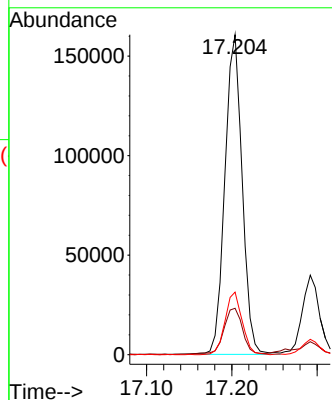
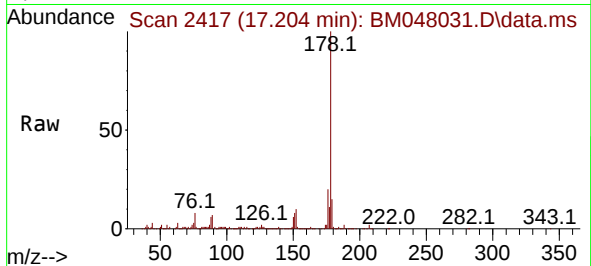




#72
Phenanthrene
Concen: 2.298 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048031.D
Acq: 14 Oct 2024 16:53

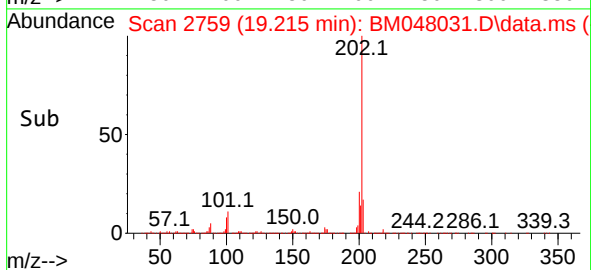
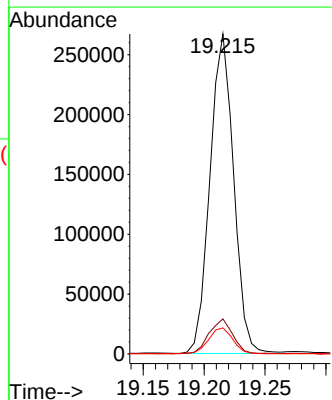
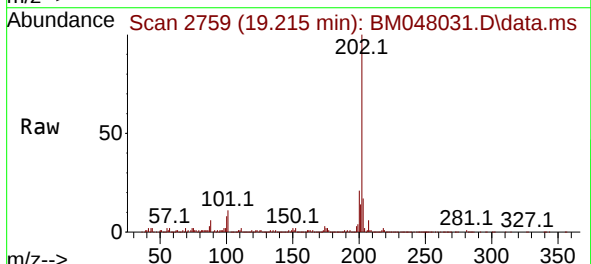
Instrument :
BNA_M
ClientSampleId :
A4EM6

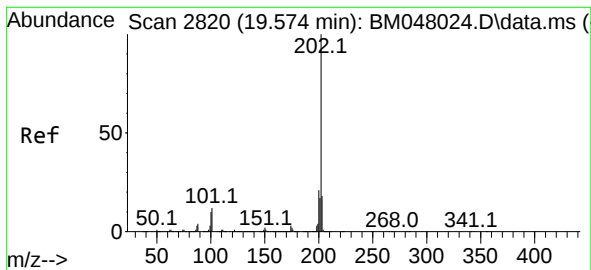
Tgt Ion:178 Resp: 226434
Ion Ratio Lower Upper
178 100
179 14.5 12.0 18.0
176 19.6 15.4 23.0



#80
Fluoranthene
Concen: 3.299 ng/ul
RT: 19.215 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM048031.D
Acq: 14 Oct 2024 16:53

Tgt Ion:202 Resp: 360493
Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.4
100 8.2 6.8 10.2





#82

Pyrene

Concen: 3.160 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM048031.D

Acq: 14 Oct 2024 16:53

Instrument :

BNA_M

ClientSampleId :

A4EM6

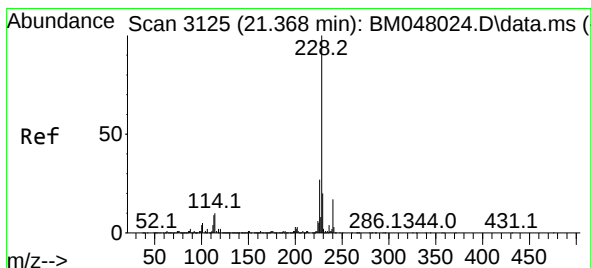
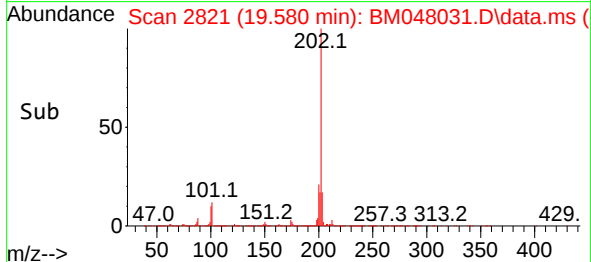
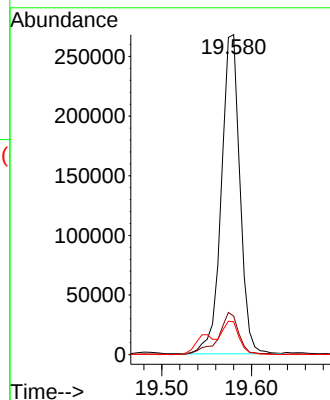
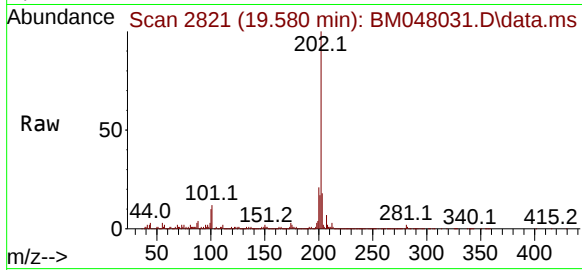
Tgt Ion:202 Resp: 384259

Ion Ratio Lower Upper

202 100

101 12.0 10.9 16.3

100 10.3 9.4 14.2



#85

Benzo(a)anthracene

Concen: 1.487 ng/ul

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM048031.D

Acq: 14 Oct 2024 16:53

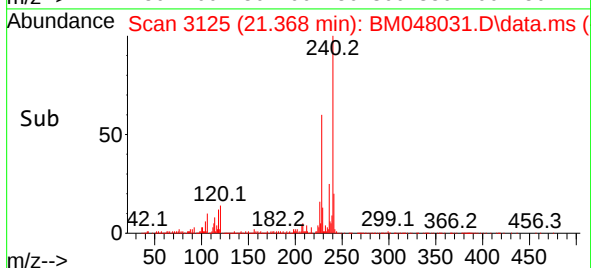
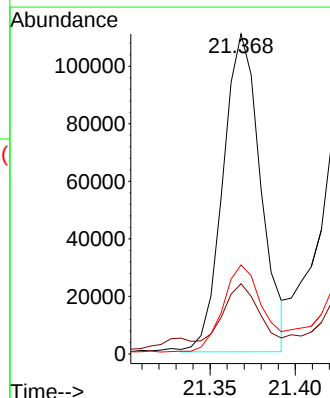
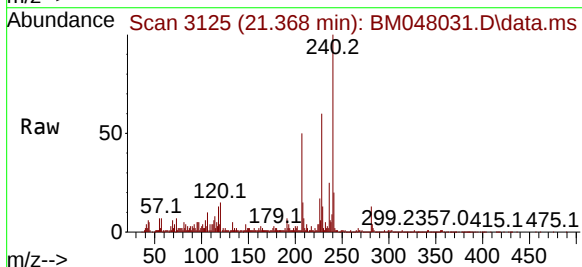
Tgt Ion:228 Resp: 170214

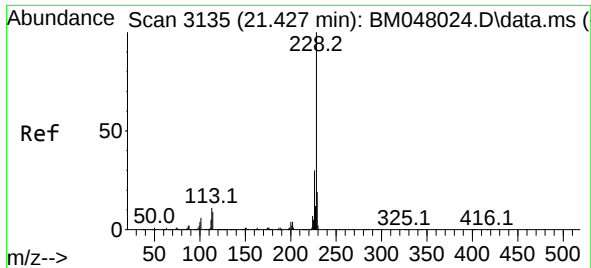
Ion Ratio Lower Upper

228 100

229 21.9 15.6 23.4

226 27.9 21.9 32.9

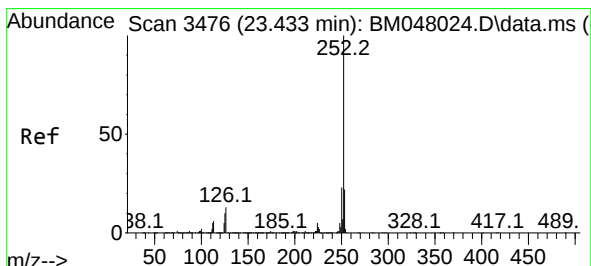
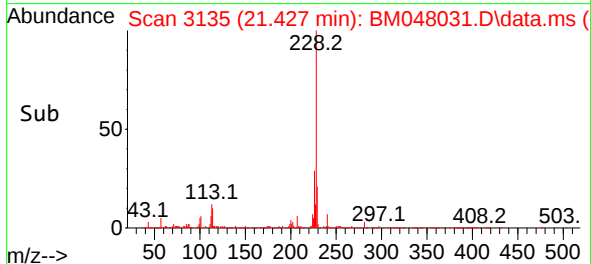
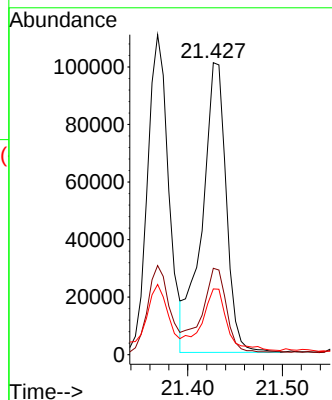
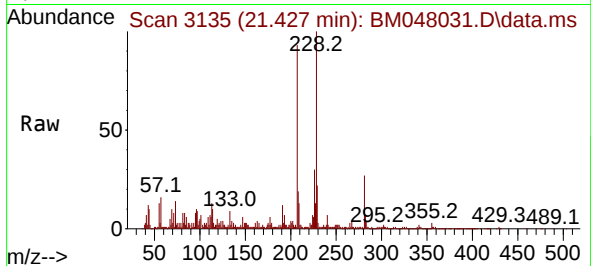




#87
Chrysene
Concen: 1.593 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048031.D
Acq: 14 Oct 2024 16:53

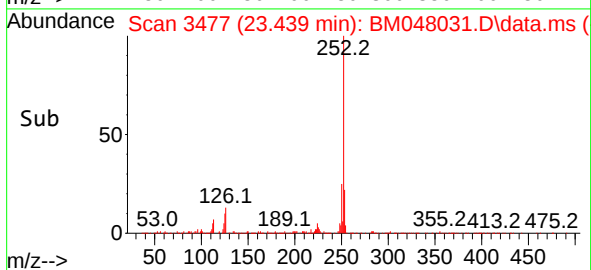
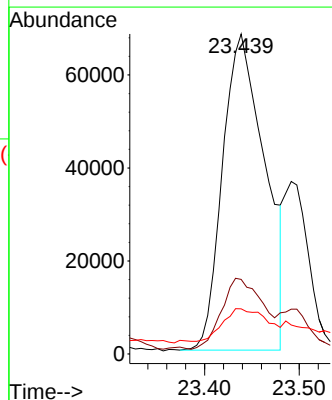
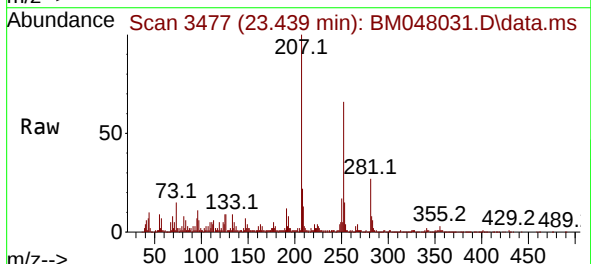
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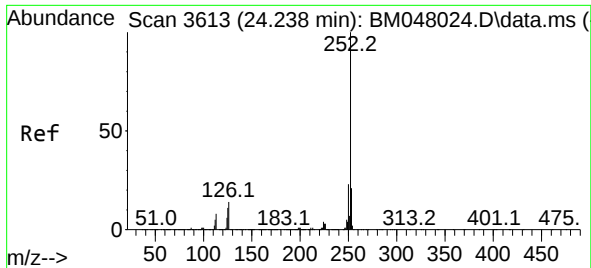
Tgt Ion:228 Resp: 177739
Ion Ratio Lower Upper
228 100
226 29.6 23.6 35.4
229 22.5 15.3 22.9



#90
Benzo(b)fluoranthene
Concen: 1.745 ng/ul
RT: 23.439 min Scan# 3477
Delta R.T. 0.012 min
Lab File: BM048031.D
Acq: 14 Oct 2024 16:53

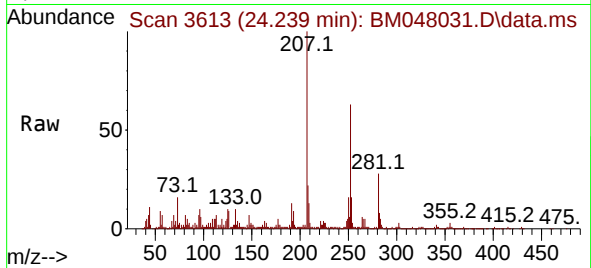
Tgt Ion:252 Resp: 211108
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 14.1 9.0 13.4#





#93
 Benzo(a)pyrene
 Concen: 1.318 ng/ul
 RT: 24.239 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BM048031.D
 Acq: 14 Oct 2024 16:53

Instrument :
 BNA_M
 ClientSampleId :
 A4EM6



Tgt Ion:252 Resp: 151442
 Ion Ratio Lower Upper
 252 100
 253 25.9 17.2 25.8#
 125 15.4 10.1 15.1#

