

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048021.D
 Acq On : 11 Oct 2024 21:53
 Operator : RC/JU
 Sample : P4239-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EP8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 12 00:53:46 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	7.781	152	219813	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	877085	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.416	164	537194	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1127487	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1129180	20.000	ng/u1	0.00
88) Perylene-d12	24.368	264	1309886	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	10328	1.518	ng/uL	0.00
4) Pyridine-d5	3.669	84	18185m	0.913	ng/u1	0.01
7) Phenol-d5	6.957	99	162025	7.795	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	104512	7.086	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	148441	9.816	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	112649	7.289	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	65730	9.412	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	71714	10.716	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	125906	9.418	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	116595	5.641	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	391624	10.055	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	460579	9.974	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	40891m	5.273	ng/u1	0.01
60) Fluorene-d10	15.410	176	363352	10.771	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	21859	3.313	ng/u1	0.00
73) Anthracene-d10	17.257	188	579219	10.448	ng/u1	0.00
81) Pyrene-d10	19.545	212	646692	10.091	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.162	264	530690	7.809	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.198	178	131478	1.988	ng/u1	98
80) Fluoranthene	19.209	202	310889	4.119	ng/u1	98
82) Pyrene	19.574	202	242026	2.881	ng/u1	96
85) Benzo(a)anthracene	21.362	228	136479	1.726	ng/u1	97
87) Chrysene	21.421	228	154776	2.008	ng/u1	97
90) Benzo(b)fluoranthene	23.421	252	199473	2.442	ng/u1	96

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

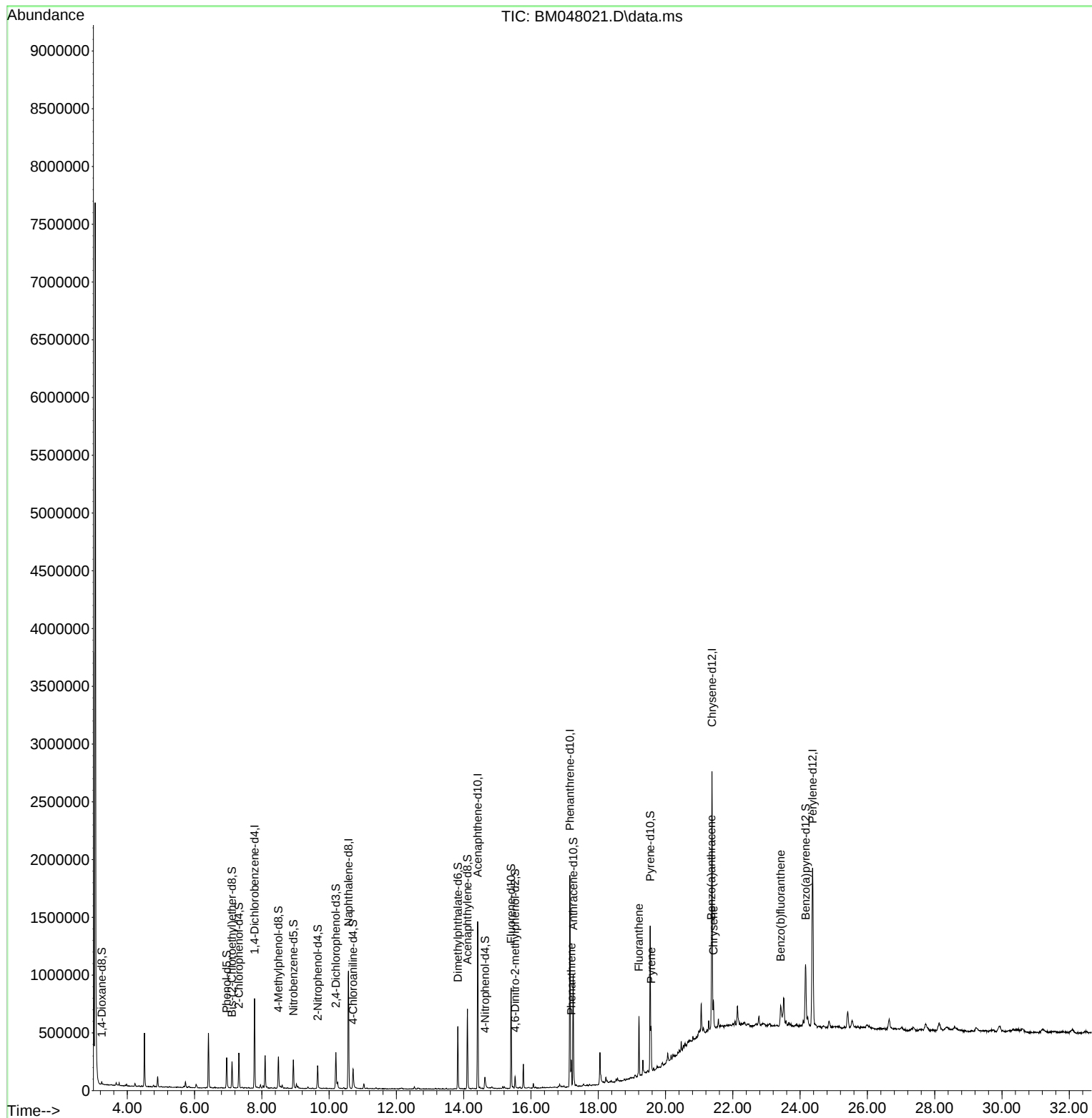
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
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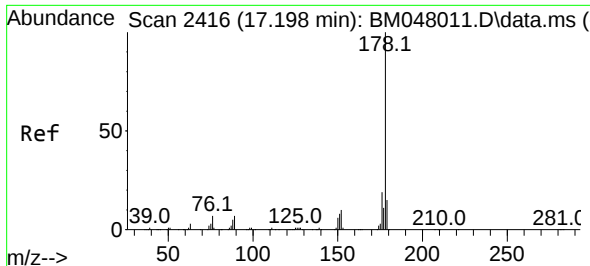
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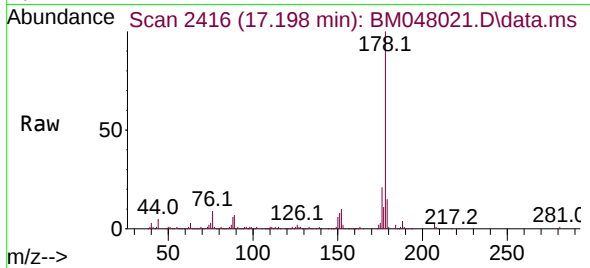
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024





#72
Phenanthrene
Concen: 1.988 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048021.D
Acq: 11 Oct 2024 21:53

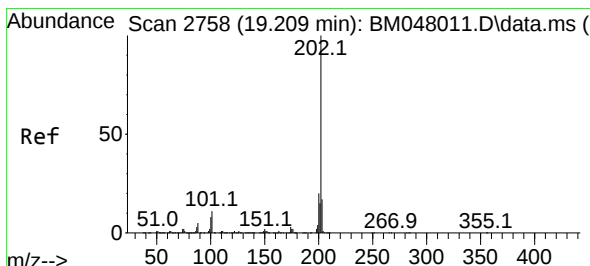
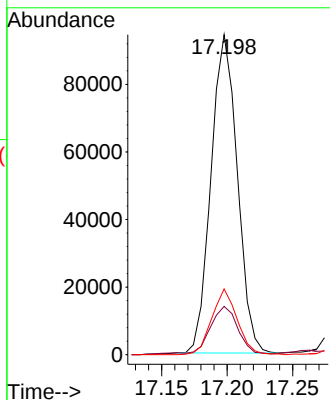
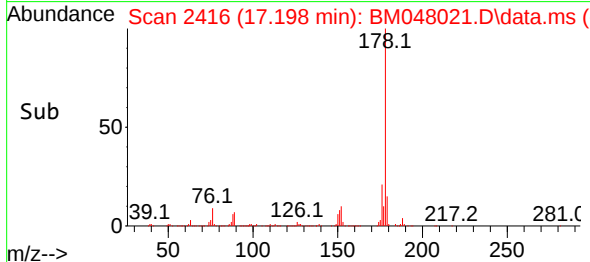
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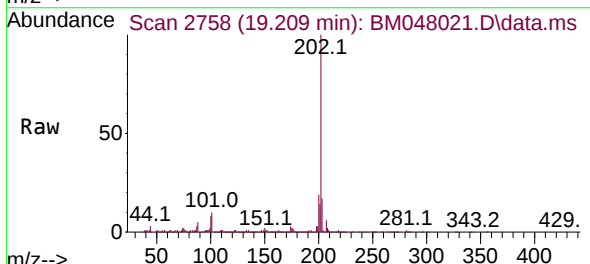
Tgt Ion:178 Resp: 131478
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 20.5 15.4 23.0

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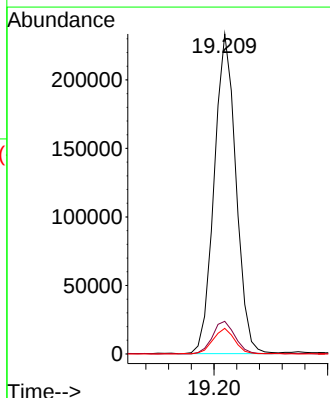
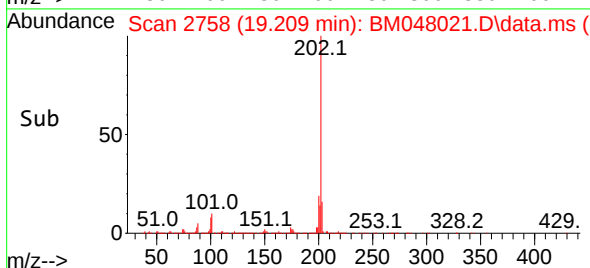
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Supervised By :mohammad ahmed 10/15/2024

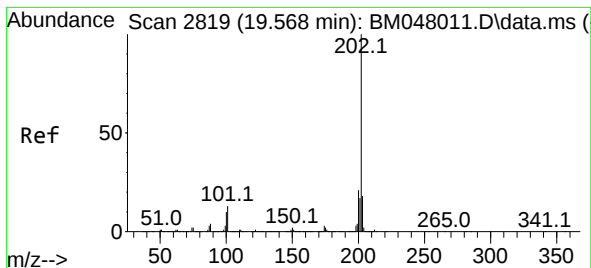


#80
Fluoranthene
Concen: 4.119 ng/ul
RT: 19.209 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BM048021.D
Acq: 11 Oct 2024 21:53



Tgt Ion:202 Resp: 310889
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 8.0 6.8 10.2





#82

Pyrene

Concen: 2.881 ng/ul

RT: 19.574 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048021.D

Acq: 11 Oct 2024 21:53

Instrument :

BNA_M

ClientSampleId :

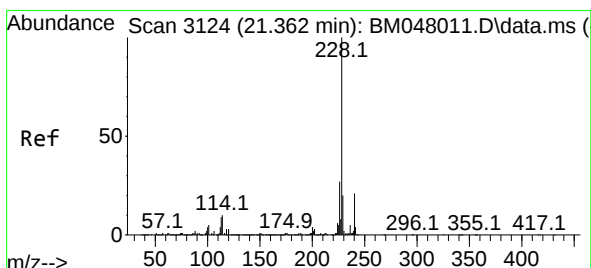
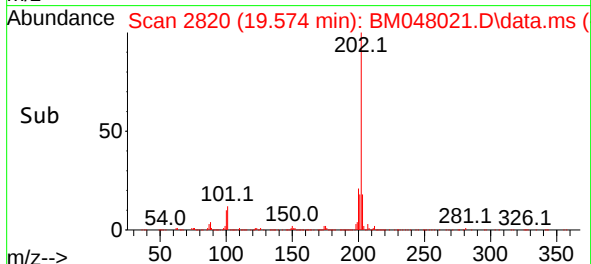
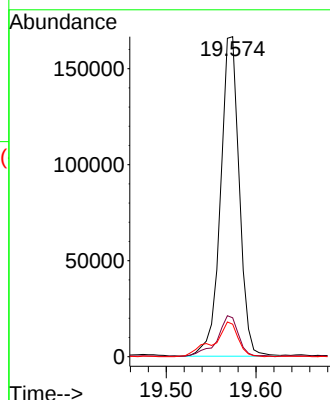
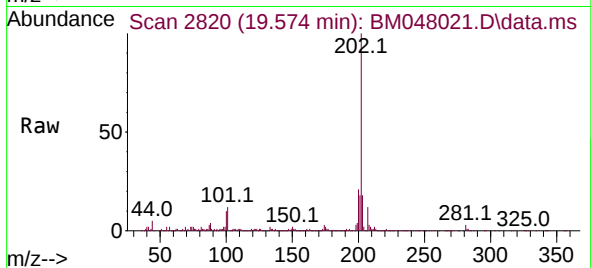
A4EP8

Tgt Ion:	202	Resp:	242020
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.9	16.3
100	10.1	9.4	14.2

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#85

Benzo(a)anthracene

Concen: 1.726 ng/ul

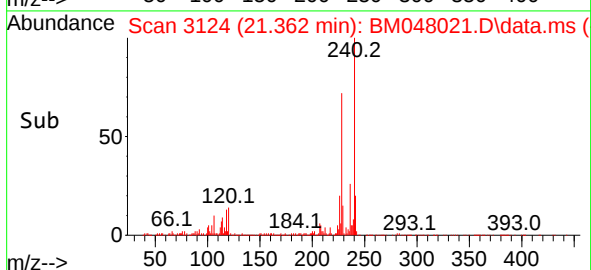
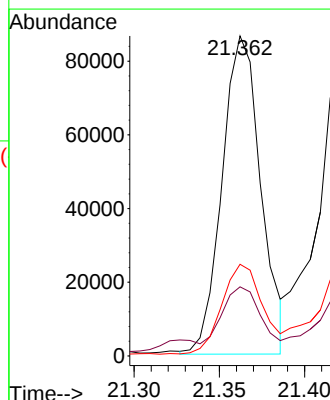
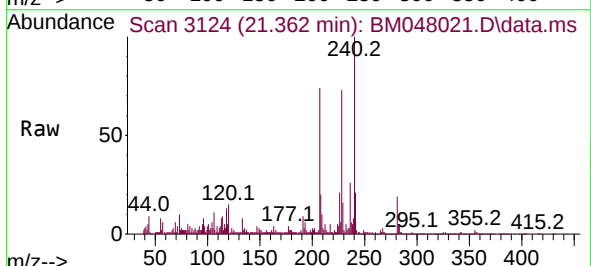
RT: 21.362 min Scan# 3124

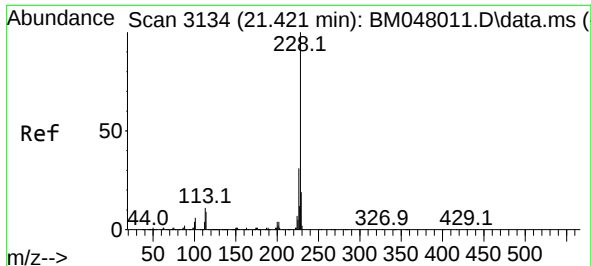
Delta R.T. -0.006 min

Lab File: BM048021.D

Acq: 11 Oct 2024 21:53

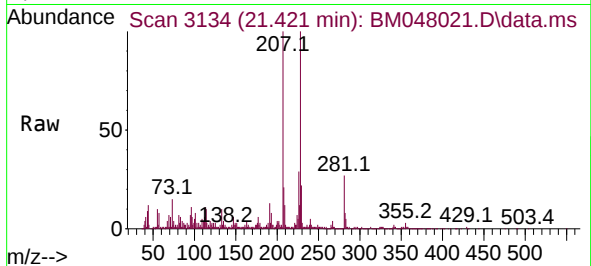
Tgt Ion:	228	Resp:	136479
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.6	23.4
226	28.6	21.9	32.9





#87
Chrysene
Concen: 2.008 ng/u1
RT: 21.421 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BM048021.D
Acq: 11 Oct 2024 21:53

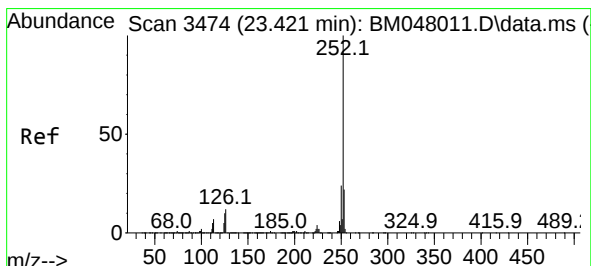
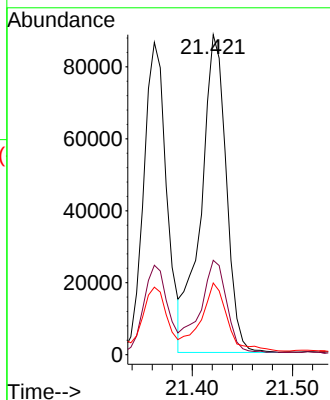
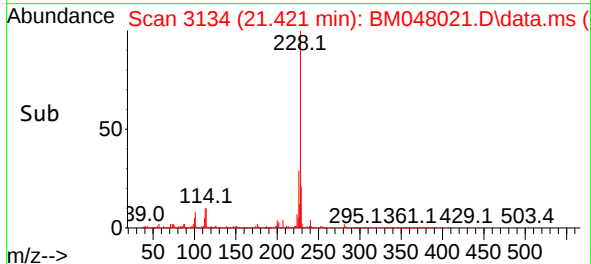
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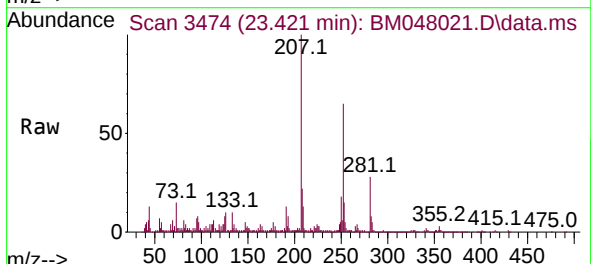
Tgt Ion:228 Resp: 154770
Ion Ratio Lower Upper
228 100
226 29.5 23.6 35.4
229 22.4 15.3 22.9

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#90
Benzo(b)fluoranthene
Concen: 2.442 ng/u1
RT: 23.421 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BM048021.D
Acq: 11 Oct 2024 21:53



Tgt Ion:252 Resp: 199473
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 12.9 9.0 13.4

