

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM038009.D
 Acq On : 14 Dec 2022 22:16
 Operator : CG/JU
 Sample : N5983-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COLE1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 15 05:03:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6499	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	20337	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	11431	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	24222	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	15895	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	15148	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	52694	5.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	12633	0.439	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	25536	0.471	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	17.071	266	54757	5.317	ng/ul	99
15) Phenanthrene	17.464	178	2515	0.030	ng/ul#	91
16) Anthracene	17.557	178	4553	0.059	ng/ul	95
19) Fluoranthene	19.468	202	4219	0.050	ng/ul#	92
20) Pyrene	19.831	202	9592	0.112	ng/ul	94
22) Chrysene	21.623	228	2486m	0.033	ng/ul	
24) Benzo(b)fluoranthene	23.290	252	4020	0.048	ng/ul#	39
26) Benzo(a)pyrene	23.933	252	1476	0.022	ng/ul#	12

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

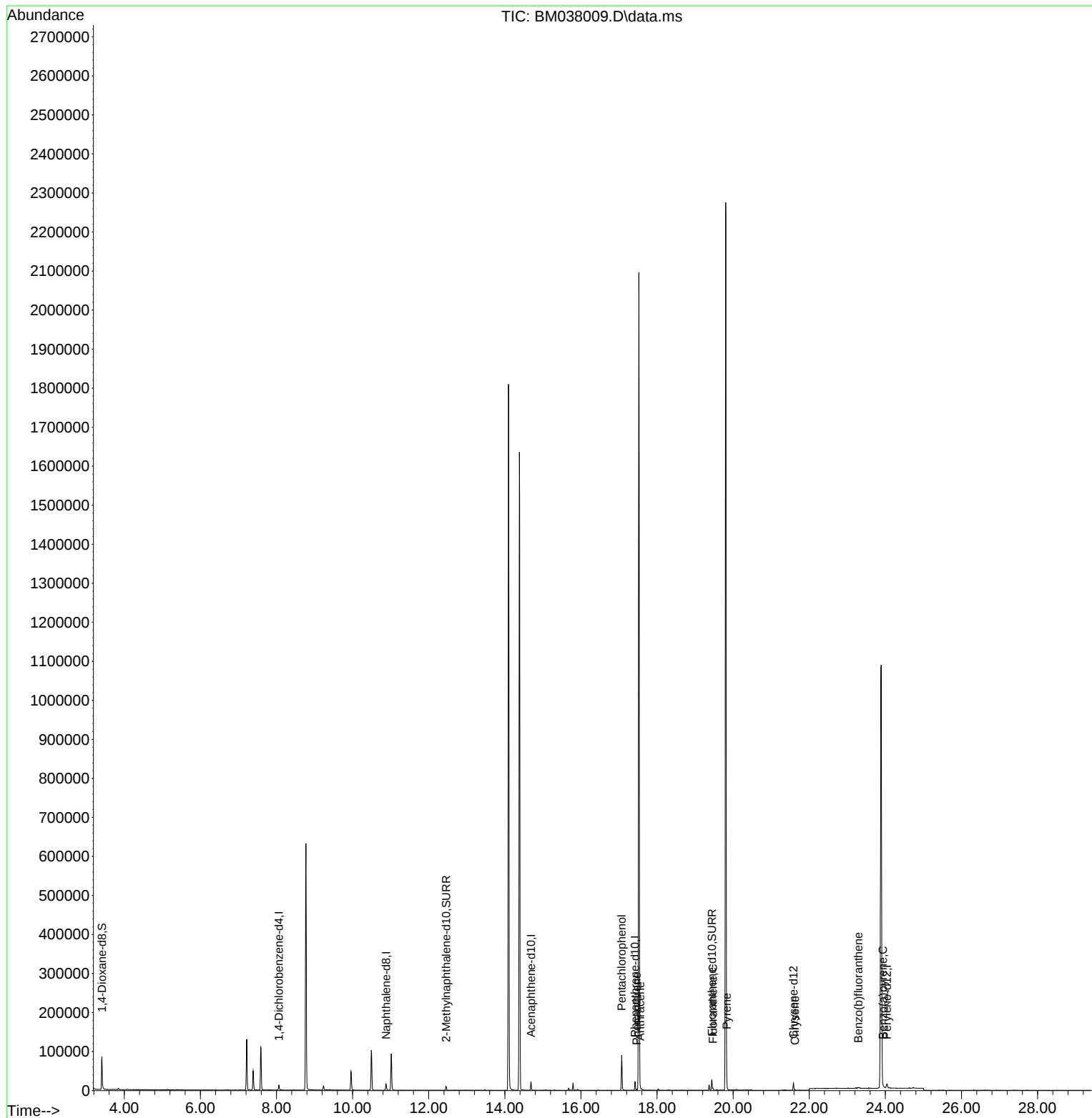
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
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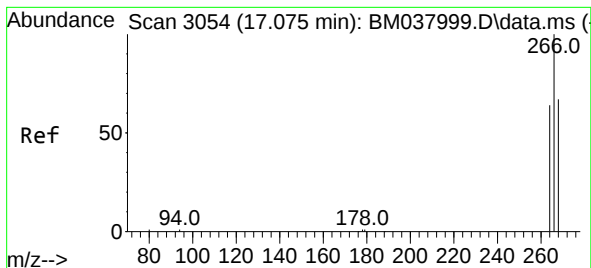
Instrument :
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Response via : Initial Calibration





#14

Pentachlorophenol

Concen: 5.317 ng/ul

RT: 17.071 min Scan# 3054

Delta R.T. -0.009 min

Lab File: BM038009.D

Acq: 14 Dec 2022 22:16

Instrument :

BNA_M

ClientSampleId :

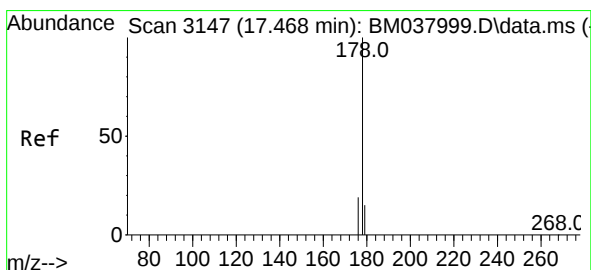
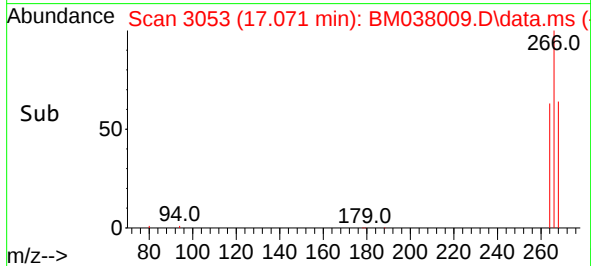
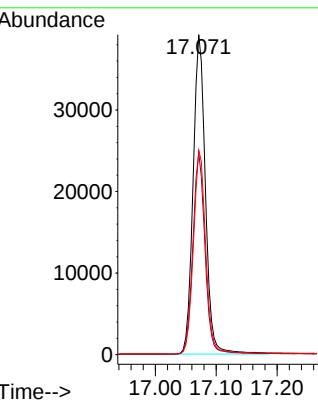
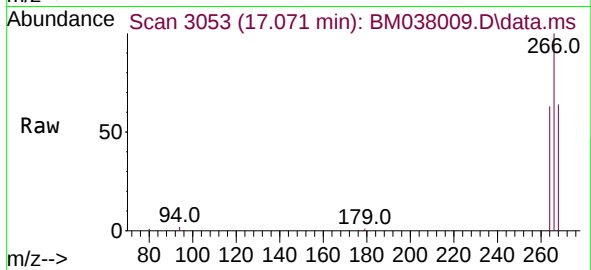
COLE1

Tgt Ion:	266	Resp:	5475
Ion Ratio	Lower	Upper	
266	100		
264	62.7	50.9	76.3
268	64.1	50.4	75.6

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#15

Phenanthrene

Concen: 0.030 ng/ul

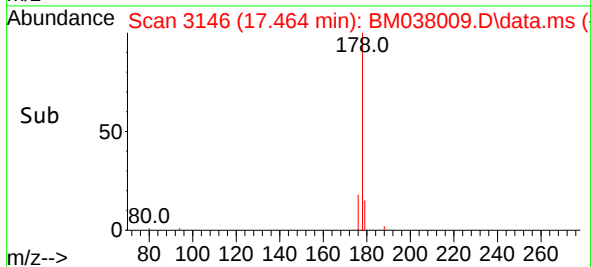
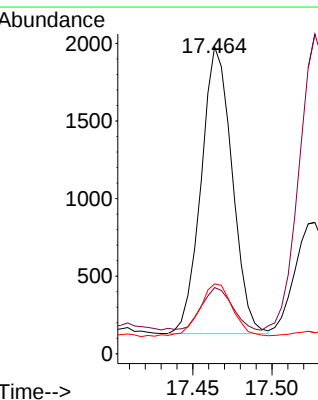
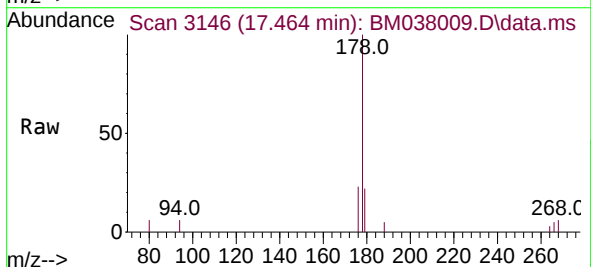
RT: 17.464 min Scan# 3146

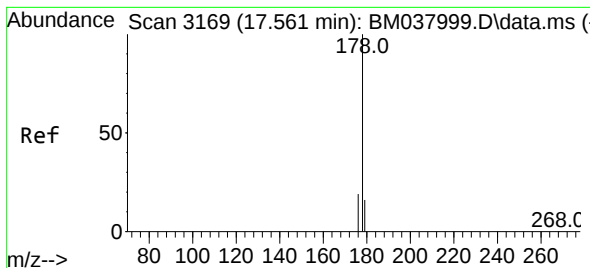
Delta R.T. -0.004 min

Lab File: BM038009.D

Acq: 14 Dec 2022 22:16

Tgt Ion:	178	Resp:	2515
Ion Ratio	Lower	Upper	
178	100		
179	21.6	12.7	19.1
176	22.8	16.2	24.2





#16

Anthracene

Concen: 0.059 ng/ul

RT: 17.557 min Scan# 3169

Delta R.T. -0.004 min

Lab File: BM038009.D

Acq: 14 Dec 2022 22:16

Instrument :

BNA_M

ClientSampleId :

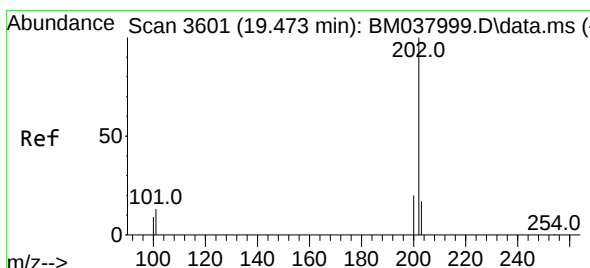
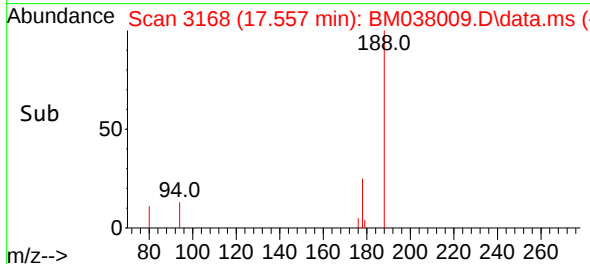
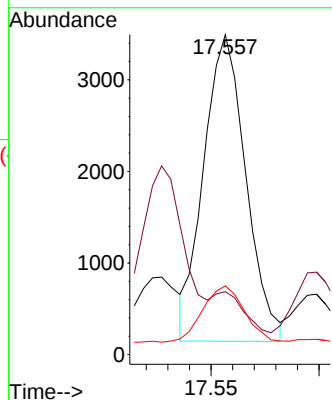
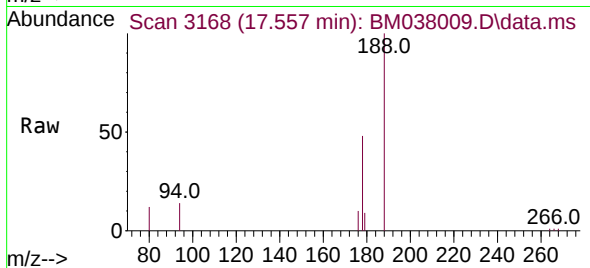
COLE1

Tgt Ion:178	Resp:	4553
Ion Ratio	Lower	Upper
178	100	
179	19.7	13.4 20.0
176	21.5	15.8 23.6

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#19

Fluoranthene

Concen: 0.050 ng/ul

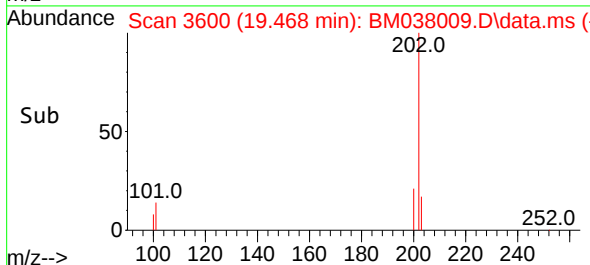
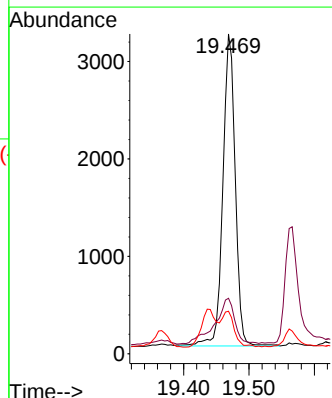
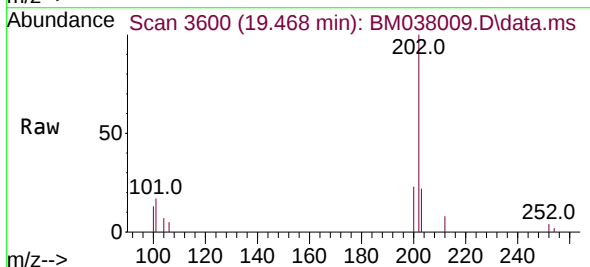
RT: 19.468 min Scan# 3600

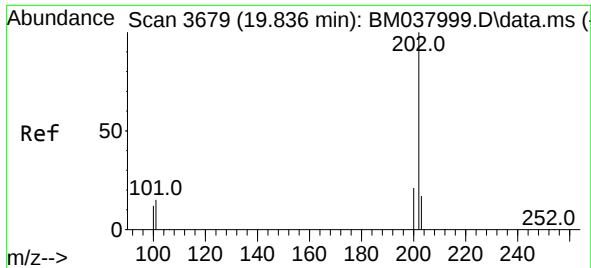
Delta R.T. -0.005 min

Lab File: BM038009.D

Acq: 14 Dec 2022 22:16

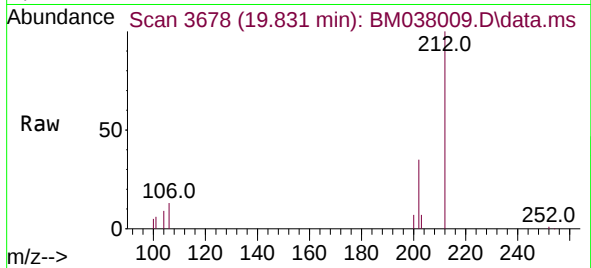
Tgt Ion:202	Resp:	4219
Ion Ratio	Lower	Upper
202	100	
101	17.4	10.9 16.3#
100	13.3	8.5 12.7#





#20
Pyrene
Concen: 0.112 ng/ul
RT: 19.831 min Scan# 3679
Delta R.T. -0.005 min
Lab File: BM038009.D
Acq: 14 Dec 2022 22:16

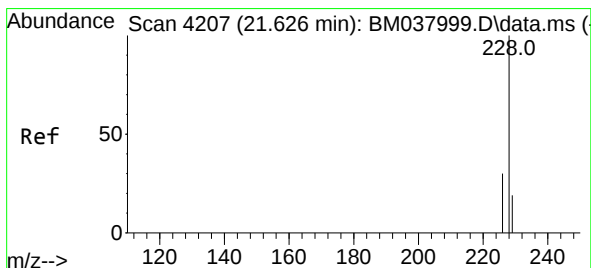
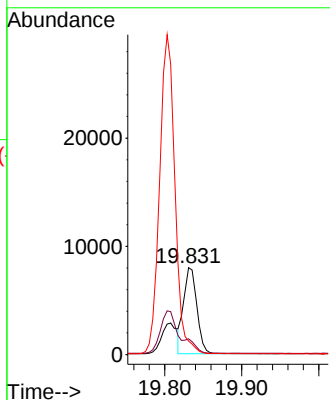
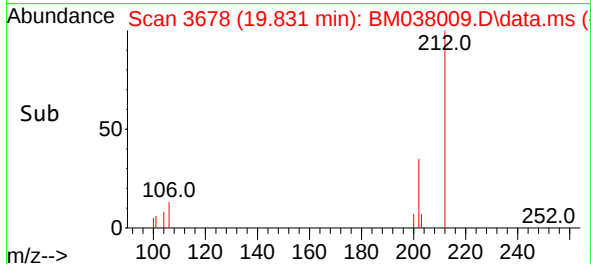
Instrument :
BNA_M
ClientSampleId :
COLE1



Tgt Ion:202 Resp: 9592
Ion Ratio Lower Upper
202 100
101 18.1 12.6 19.0
100 15.6 10.6 15.8

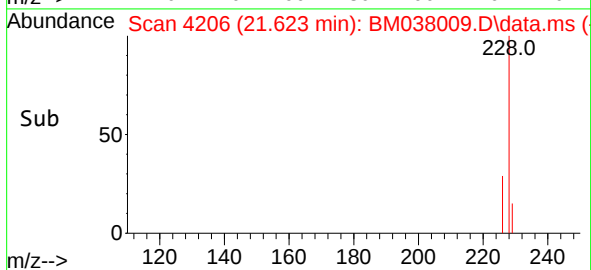
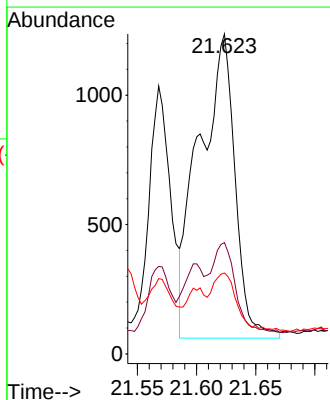
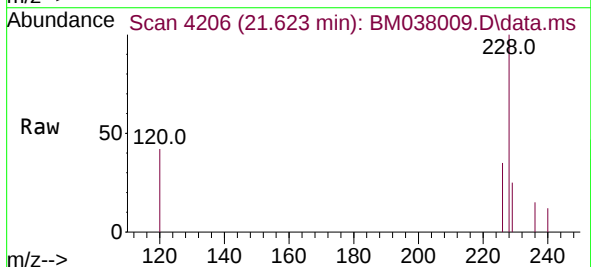
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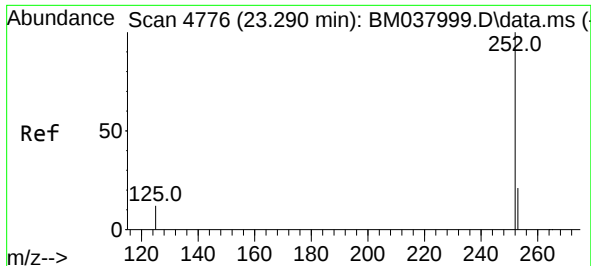
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#22
Chrysene
Concen: 0.033 ng/ul m
RT: 21.623 min Scan# 4206
Delta R.T. -0.006 min
Lab File: BM038009.D
Acq: 14 Dec 2022 22:16

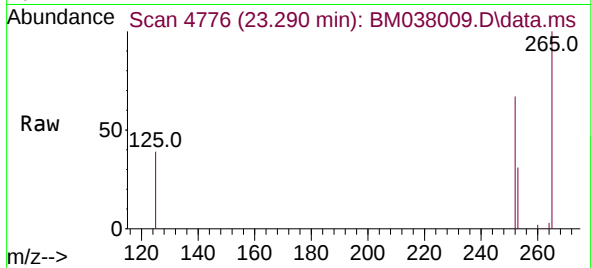
Tgt Ion:228 Resp: 2486
Ion Ratio Lower Upper
228 100
226 34.8 23.7 35.5
229 25.3 15.8 23.8#





#24
Benzo(b)fluoranthene
Concen: 0.048 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. -0.006 min
Lab File: BM038009.D
Acq: 14 Dec 2022 22:16

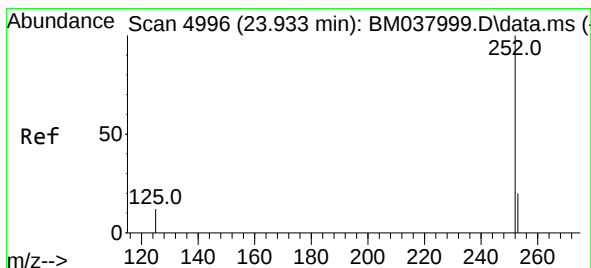
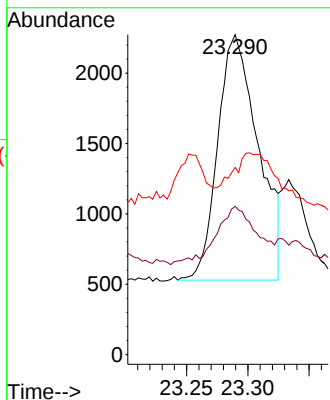
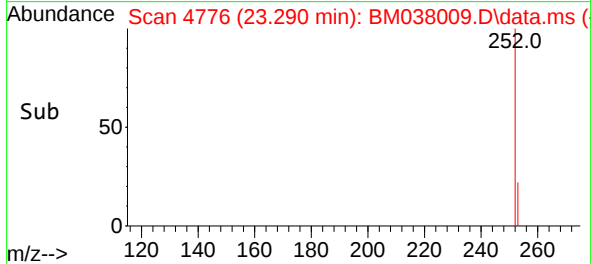
Instrument :
BNA_M
ClientSampleId :
COLE1



Tgt Ion:252 Resp: 4020
Ion Ratio Lower Upper
252 100
253 46.4 0.0 49.6
125 58.5 0.0 39.6

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#26
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.933 min Scan# 4996
Delta R.T. -0.006 min
Lab File: BM038009.D
Acq: 14 Dec 2022 22:16

Tgt Ion:252 Resp: 1476
Ion Ratio Lower Upper
252 100
253 62.6 21.7 32.5#
125 81.0 20.4 30.6#

