

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM038018.D
 Acq On : 15 Dec 2022 04:56
 Operator : CG/JU
 Sample : N5983-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COLB5

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 05:51:39 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	8.063	152	5602	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	17206	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	9733	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.421	188	22296	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	16642	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	16365	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	37314	4.723	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	8371	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	19173	0.338	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	17.075	266	541	0.057	ng/ul	97
15) Phenanthrene	17.464	178	2735m	0.035	ng/ul	
16) Anthracene	17.552	178	9032	0.128	ng/ul	98
19) Fluoranthene	19.468	202	3486	0.040	ng/ul#	89
20) Pyrene	19.831	202	2744	0.031	ng/ul#	79
22) Chrysene	21.618	228	2376m	0.030	ng/ul	
24) Benzo(b)fluoranthene	23.284	252	4450	0.049	ng/ul#	48
26) Benzo(a)pyrene	23.927	252	1865	0.025	ng/ul#	19

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

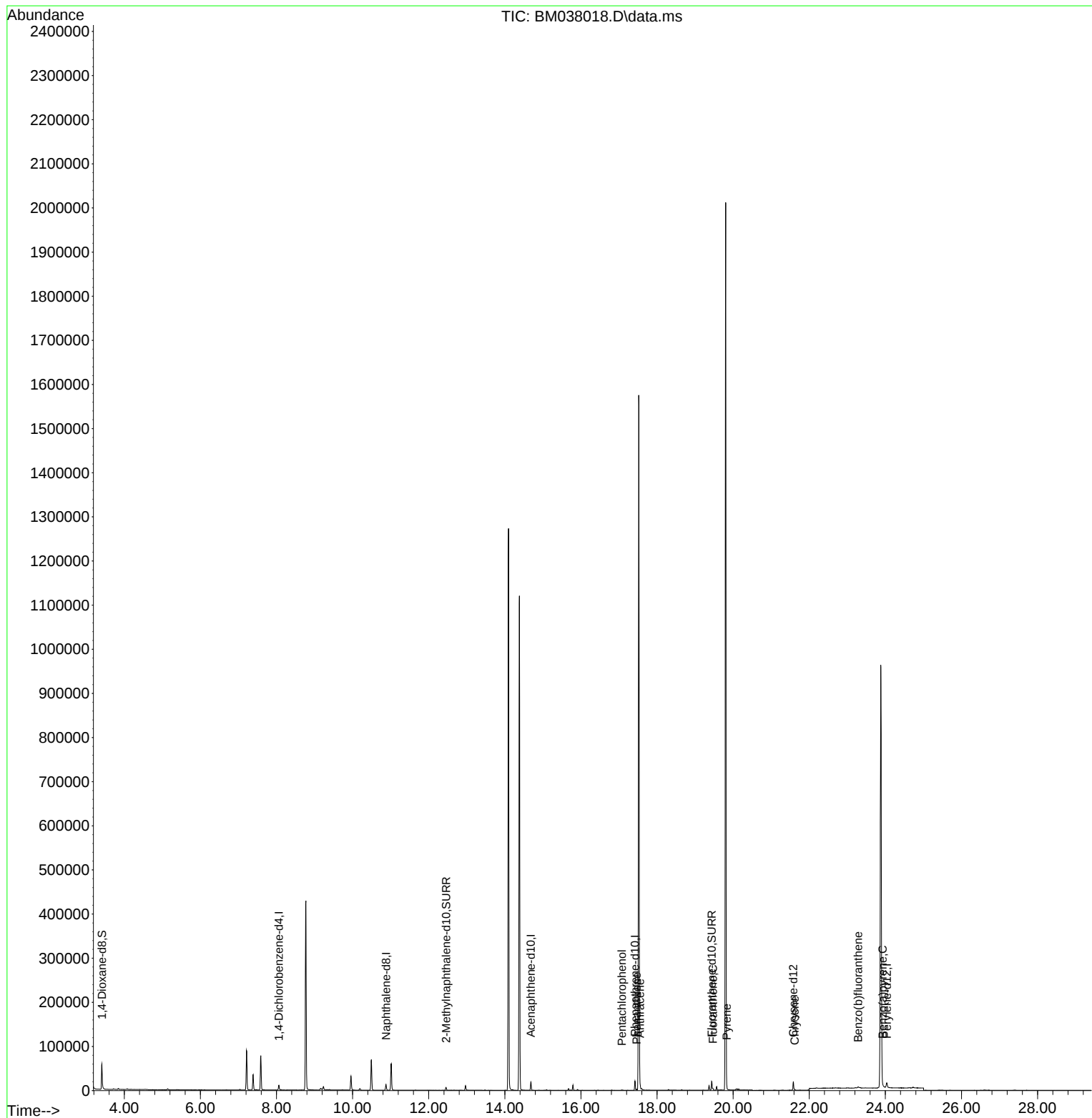
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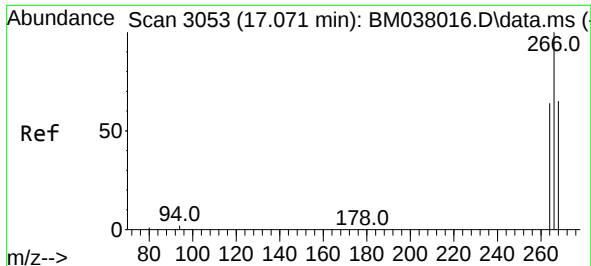
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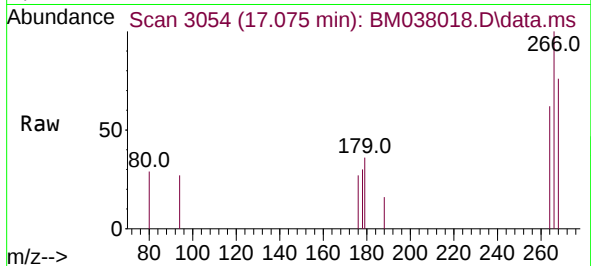
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:30:33 2022
Response via : Initial Calibration





#14
Pentachlorophenol
Concen: 0.057 ng/ul
RT: 17.075 min Scan# 3053
Delta R.T. -0.005 min
Lab File: BM038018.D
Acq: 15 Dec 2022 04:56

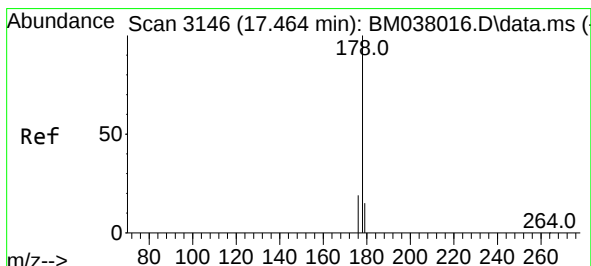
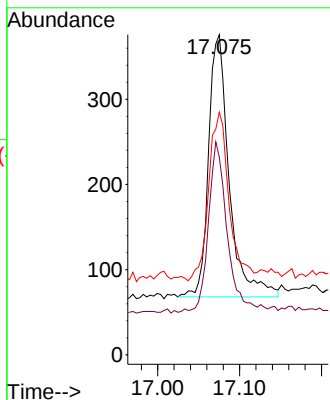
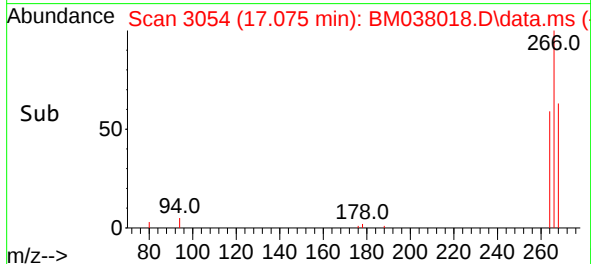
Instrument :
BNA_M
ClientSampleId :
COLB5



Tgt Ion:266 Resp: 541
Ion Ratio Lower Upper
266 100
264 59.7 50.9 76.3
268 63.8 50.4 75.6

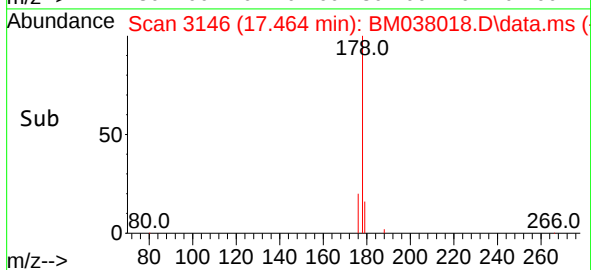
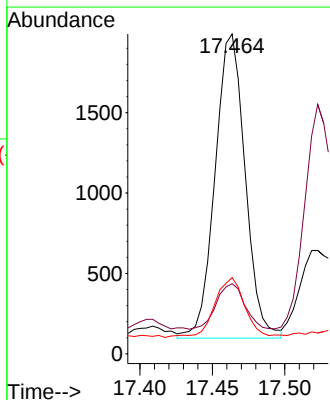
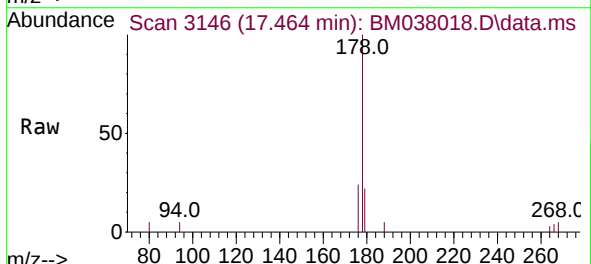
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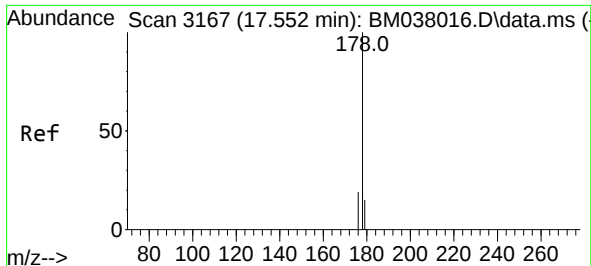
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/16/2022



#15
Phenanthrene
Concen: 0.035 ng/ul m
RT: 17.464 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BM038018.D
Acq: 15 Dec 2022 04:56

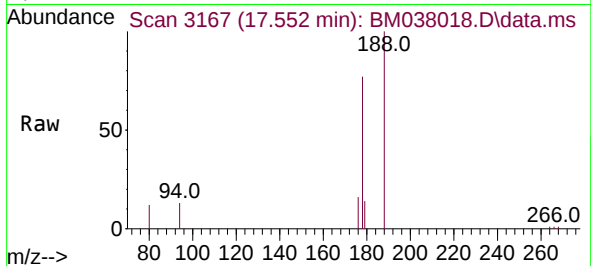
Tgt Ion:178 Resp: 2735
Ion Ratio Lower Upper
178 100
179 21.9 12.7 19.1#
176 23.8 16.2 24.2





#16
 Anthracene
 Concen: 0.128 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.009 min
 Lab File: BM038018.D
 Acq: 15 Dec 2022 04:56

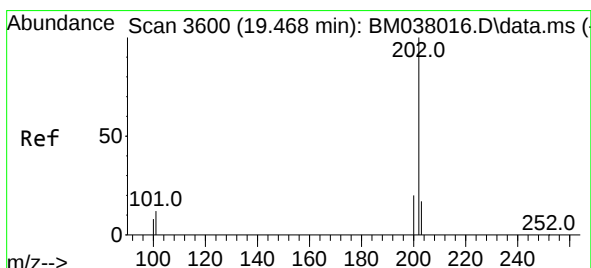
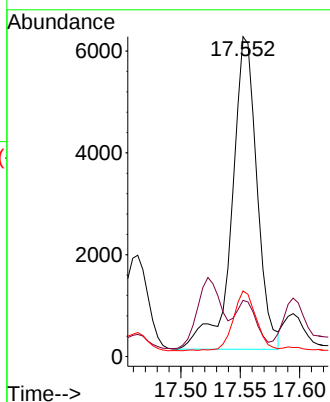
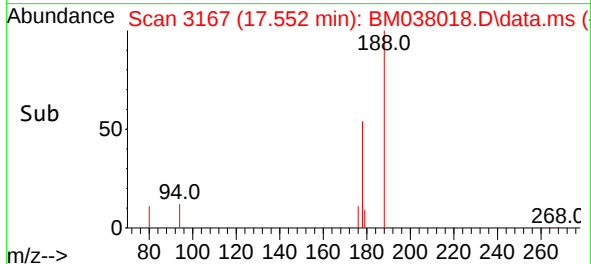
Instrument :
 BNA_M
 ClientSampleId :
 COLB5



Tgt Ion:178 Resp: 9032
 Ion Ratio Lower Upper
 178 100
 179 17.6 13.4 20.0
 176 20.5 15.8 23.6

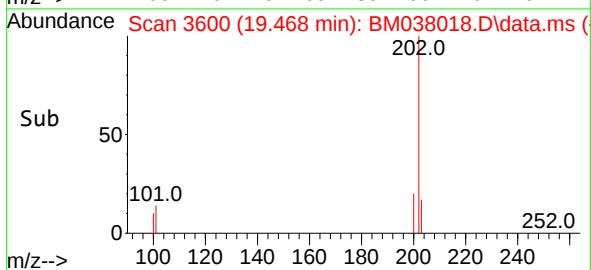
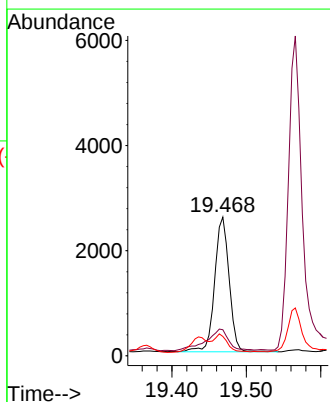
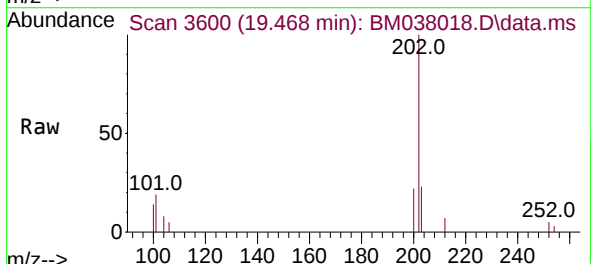
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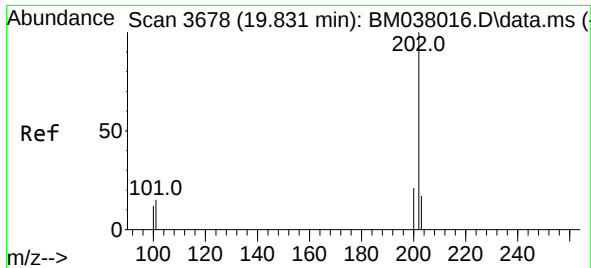
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/16/2022



#19
 Fluoranthene
 Concen: 0.040 ng/ul
 RT: 19.468 min Scan# 3600
 Delta R.T. -0.005 min
 Lab File: BM038018.D
 Acq: 15 Dec 2022 04:56

Tgt Ion:202 Resp: 3486
 Ion Ratio Lower Upper
 202 100
 101 18.9 10.9 16.3#
 100 14.0 8.5 12.7#





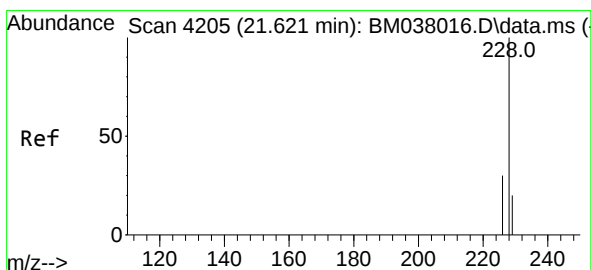
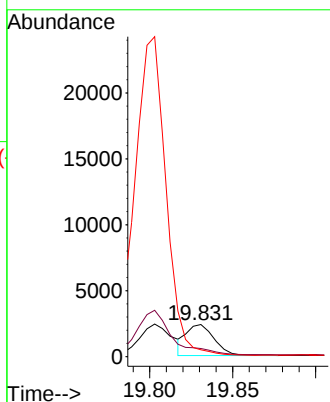
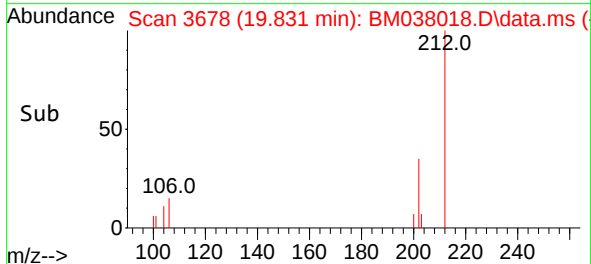
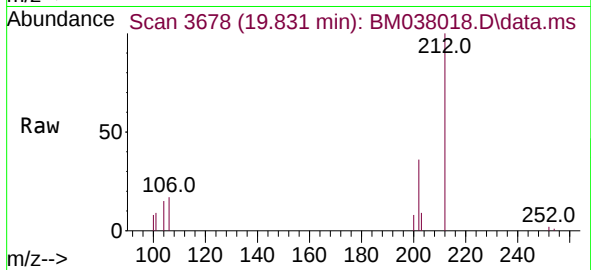
#20
Pyrene
Concen: 0.031 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM038018.D
Acq: 15 Dec 2022 04:56

Instrument :
BNA_M
ClientSampleId :
COLB5

Tgt Ion:202 Resp: 2744
Ion Ratio Lower Upper
202 100
101 25.2 12.6 19.0
100 21.2 10.6 15.8

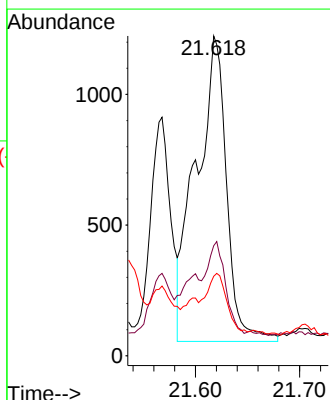
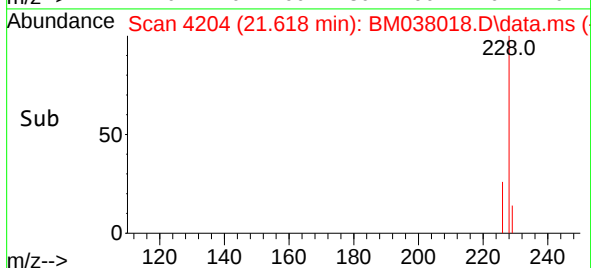
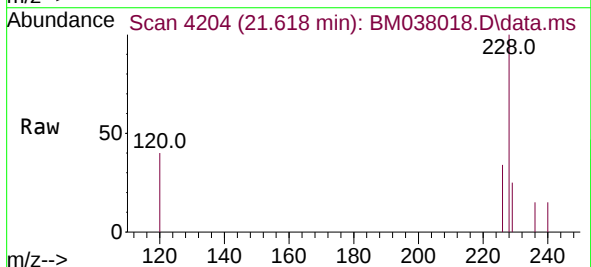
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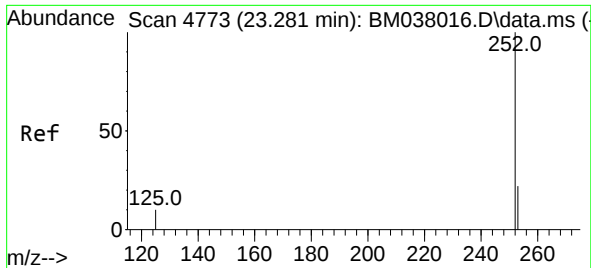
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#22
Chrysene
Concen: 0.030 ng/ul m
RT: 21.618 min Scan# 4204
Delta R.T. -0.012 min
Lab File: BM038018.D
Acq: 15 Dec 2022 04:56

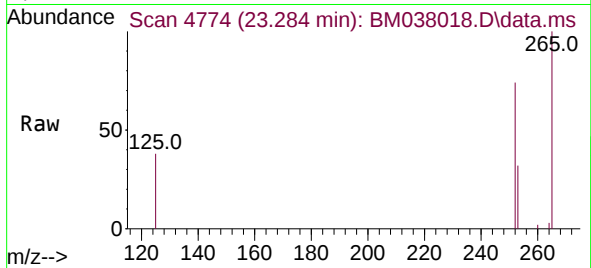
Tgt Ion:228 Resp: 2376
Ion Ratio Lower Upper
228 100
226 34.4 23.7 35.5
229 24.8 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.049 ng/ul
RT: 23.284 min Scan# 4773
Delta R.T. -0.012 min
Lab File: BM038018.D
Acq: 15 Dec 2022 04:56

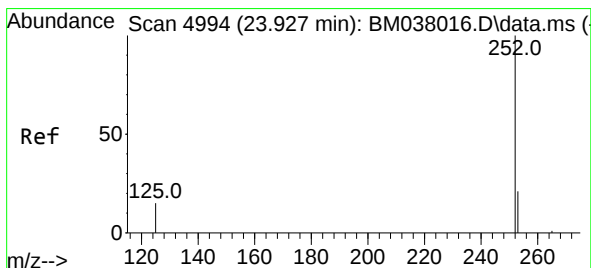
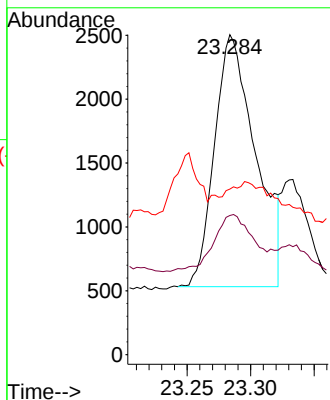
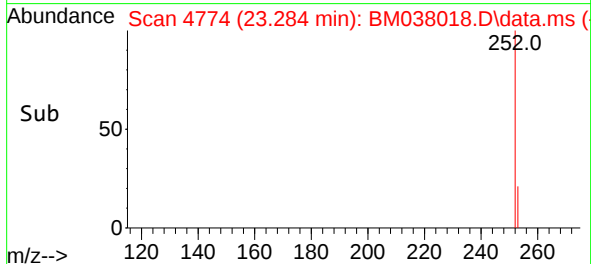
Instrument :
BNA_M
ClientSampleId :
COLB5



Tgt Ion:252 Resp: 4450
Ion Ratio Lower Upper
252 100
253 43.5 0.0 49.6
125 51.7 0.0 39.6

Manual Integrations
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#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.927 min Scan# 4994
Delta R.T. -0.012 min
Lab File: BM038018.D
Acq: 15 Dec 2022 04:56

Tgt Ion:252 Resp: 1865
Ion Ratio Lower Upper
252 100
253 58.8 21.7 32.5#
125 77.2 20.4 30.6#

