

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040916.D
 Acq On : 17 Jul 2023 10:18
 Operator : MA/JU
 Sample : 03437-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Sohil Jodhani 07/18/2023

Quant Time: Jul 18 02:45:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	3857	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.658	136	12202	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.499	164	5019	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	8503	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	5830	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	5639	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	10449	1.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	2551	0.149	ng/ul	-0.01
18) Fluoranthene-d10	19.287	212	3373	0.180	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.708	128	13691	0.407	ng/ul	Qvalue 99
7) 2-Methylnaphthalene	12.324	142	566	0.029	ng/ul	95
15) Phenanthrene	17.295	178	1178	0.045	ng/ul#	84
19) Fluoranthene	19.315	202	2643	0.107	ng/ul#	94
20) Pyrene	19.678	202	2143m	0.081	ng/ul	
21) Benzo(a)anthracene	21.434	228	683	0.035	ng/ul#	79
22) Chrysene	21.486	228	1248	0.055	ng/ul#	88
24) Benzo(b)fluoranthene	23.102	252	1731	0.079	ng/ul#	18
25) Benzo(k)fluoranthene	23.146	252	715m	0.033	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.287	276	819	0.030	ng/ul#	84

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

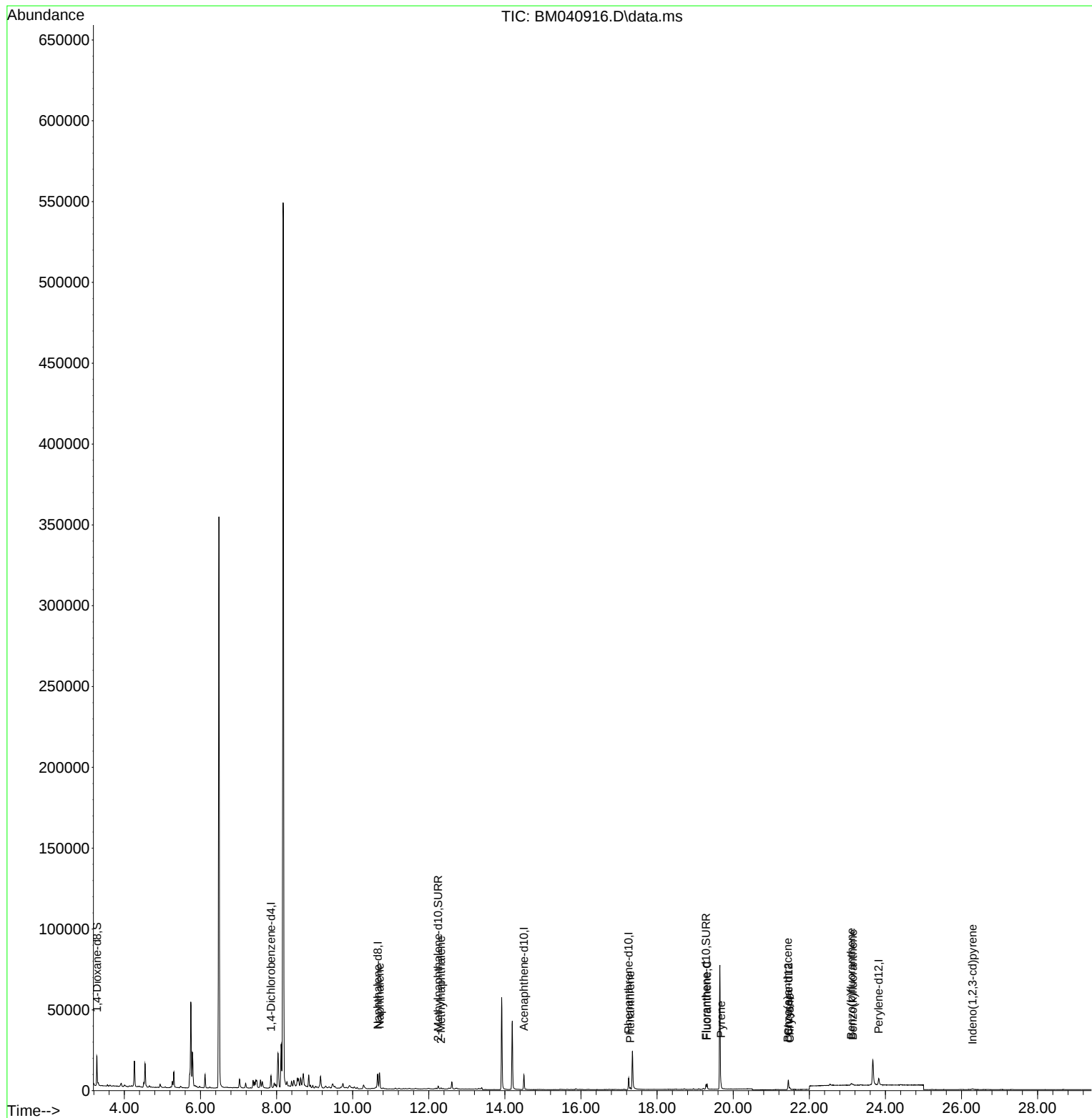
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
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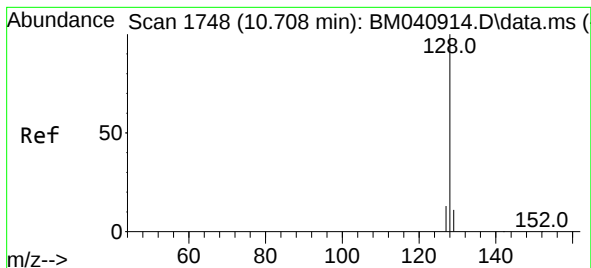
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#5

Naphthalene

Concen: 0.407 ng/ul

RT: 10.708 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM040916.D

Acq: 17 Jul 2023 10:18

Instrument :

BNA_M

ClientSampleId :

A46H4

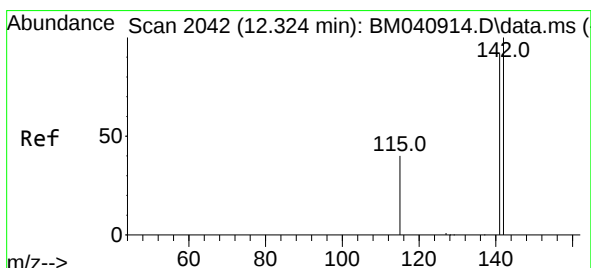
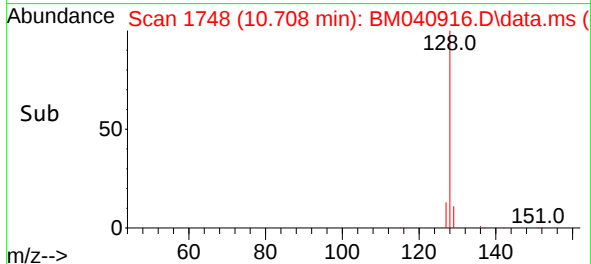
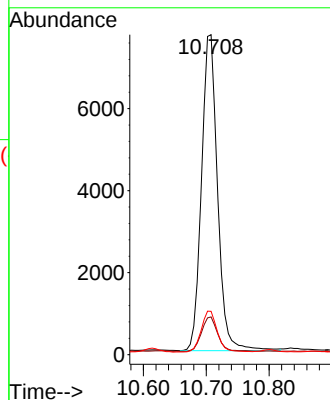
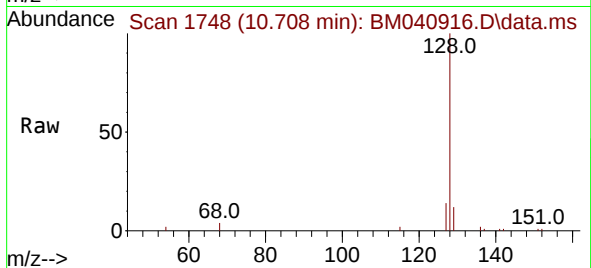
Tgt Ion:128	Resp:	1369
Ion Ratio	Lower	Upper
128	100	
129	11.8	9.2 13.8
127	13.6	10.6 15.8

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#7

2-Methylnaphthalene

Concen: 0.029 ng/ul

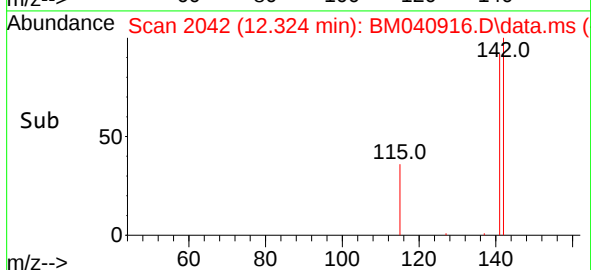
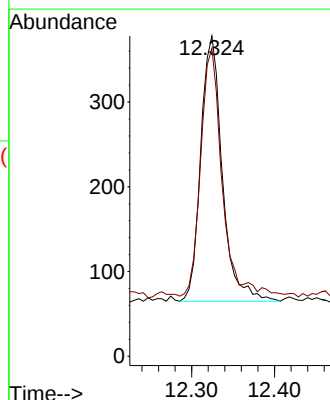
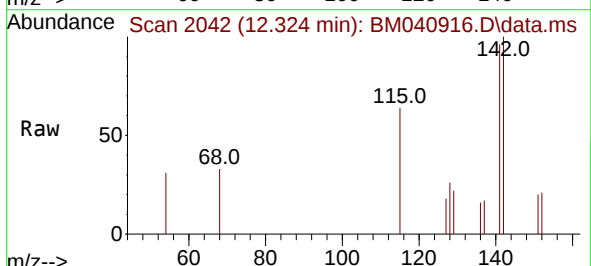
RT: 12.324 min Scan# 2042

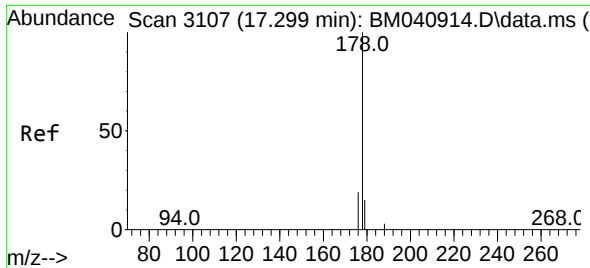
Delta R.T. -0.006 min

Lab File: BM040916.D

Acq: 17 Jul 2023 10:18

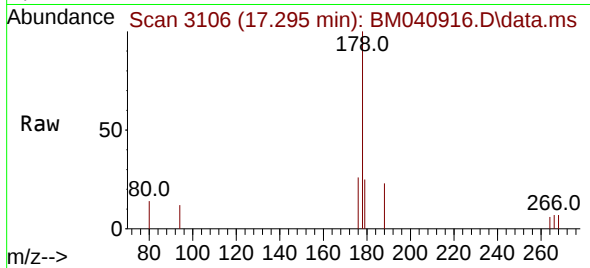
Tgt Ion:142	Resp:	566
Ion Ratio	Lower	Upper
142	100	
141	95.1	71.9 107.9





#15
Phenanthrene
Concen: 0.045 ng/ul
RT: 17.295 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

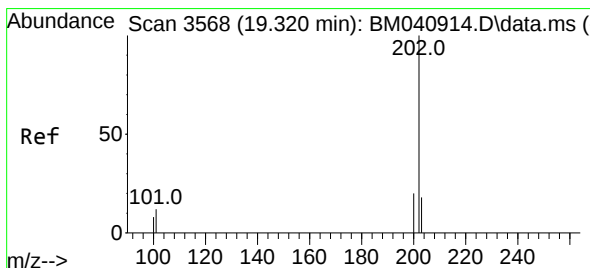
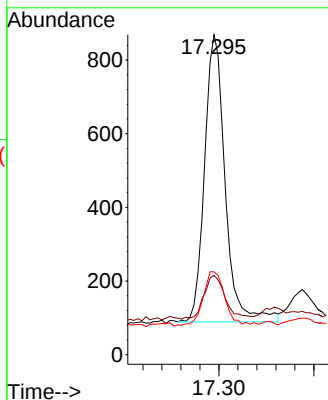
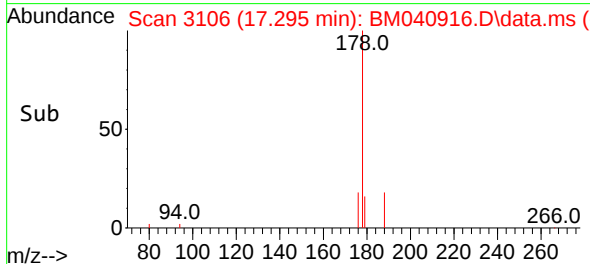
Instrument :
BNA_M
ClientSampleId :
A46H4



Tgt Ion:178 Resp: 1178
Ion Ratio Lower Upper
178 100
179 24.7 12.8 19.2
176 25.9 16.4 24.6

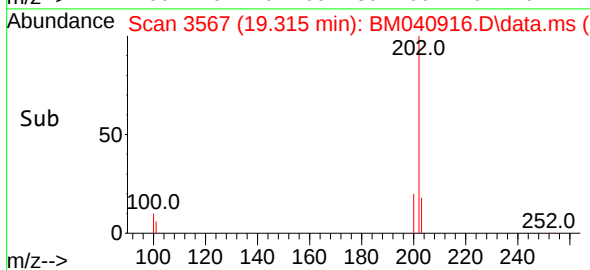
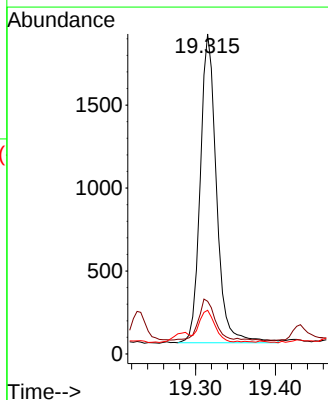
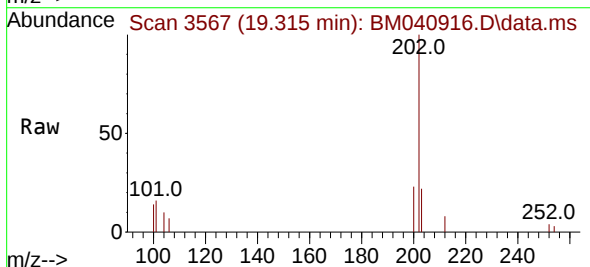
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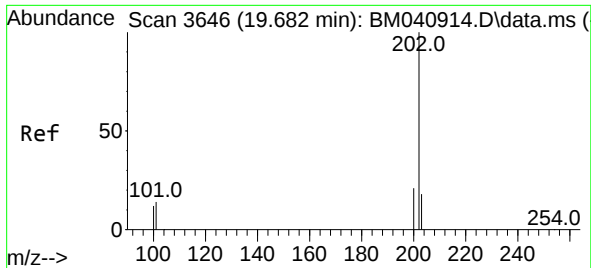
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#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

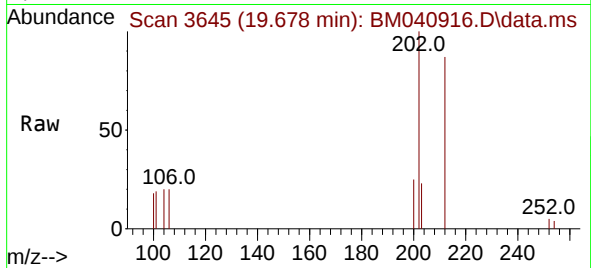
Tgt Ion:202 Resp: 2643
Ion Ratio Lower Upper
202 100
101 16.4 11.4 17.0
100 13.6 8.7 13.1





#20
Pyrene
Concen: 0.081 ng/ul m
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

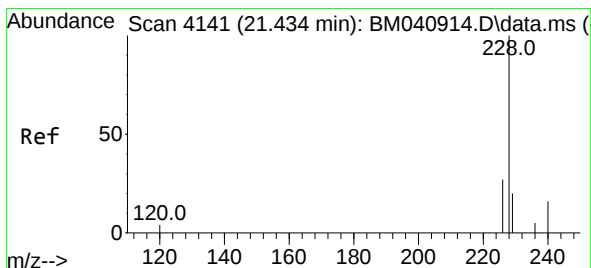
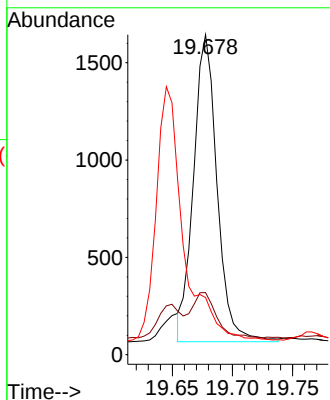
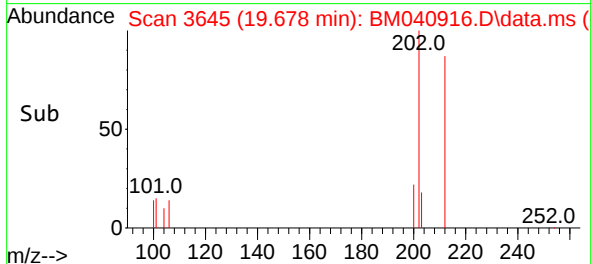
Instrument :
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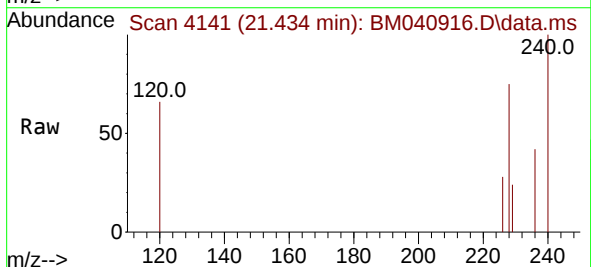
Tgt Ion:202 Resp: 214
Ion Ratio Lower Upper
202 100
101 19.4 12.6 18.8
100 17.9 9.8 14.6

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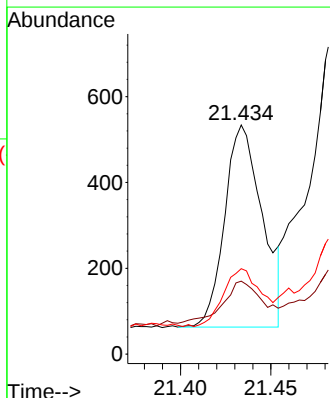
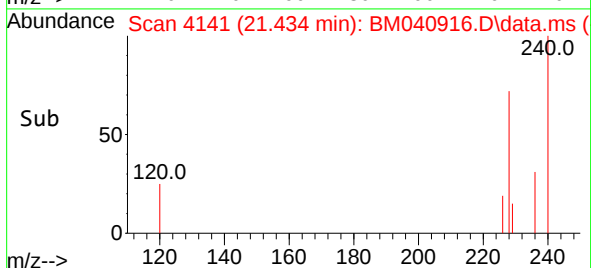
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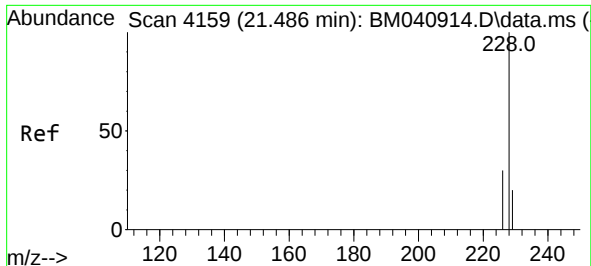


#21
Benzo(a)anthracene
Concen: 0.035 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. -0.000 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18



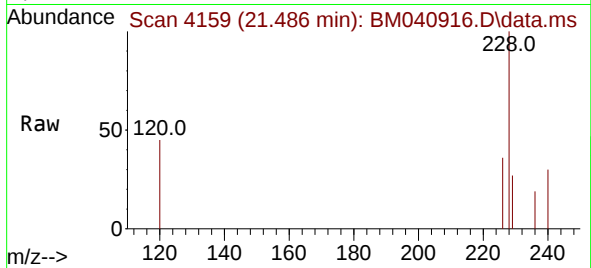
Tgt Ion:228 Resp: 683
Ion Ratio Lower Upper
228 100
229 31.8 16.0 24.0#
226 37.3 22.3 33.5#





#22
Chrysene
Concen: 0.055 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.000 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

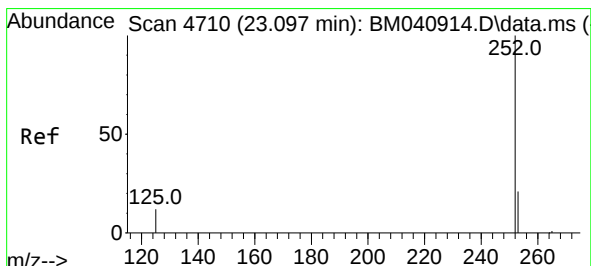
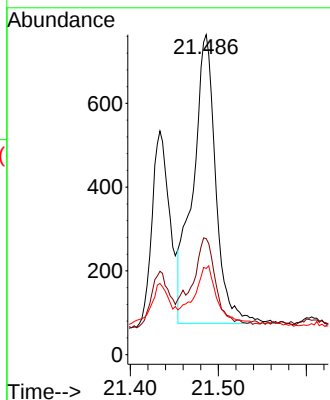
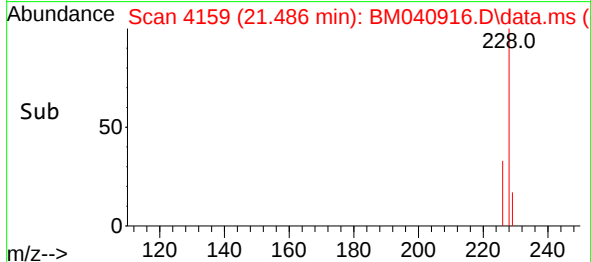
Instrument :
BNA_M
ClientSampleId :
A46H4



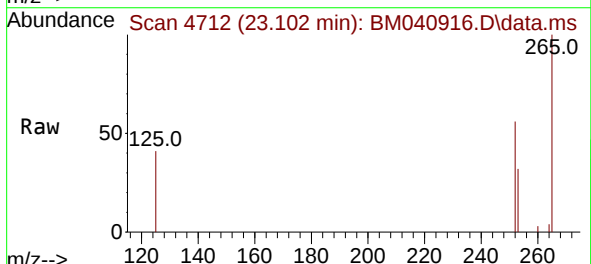
Tgt Ion:228 Resp: 1248
Ion Ratio Lower Upper
228 100
226 36.3 24.9 37.3
229 27.0 15.8 23.6

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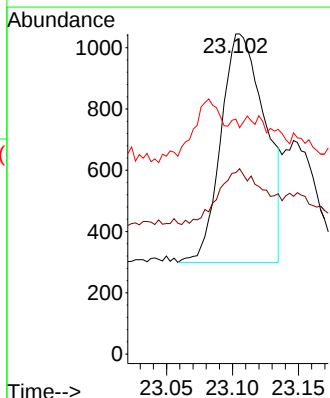
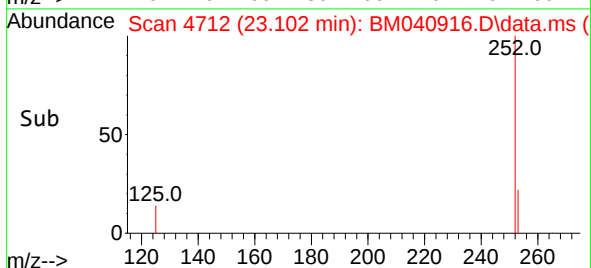
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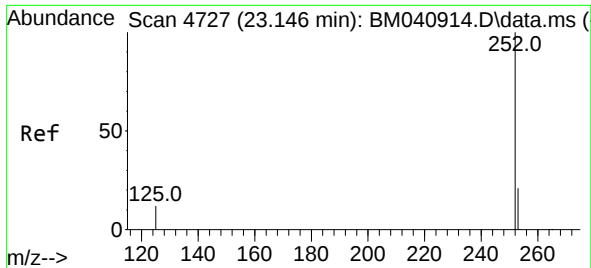


#24
Benzo(b)fluoranthene
Concen: 0.079 ng/ul
RT: 23.102 min Scan# 4712
Delta R.T. -0.000 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18



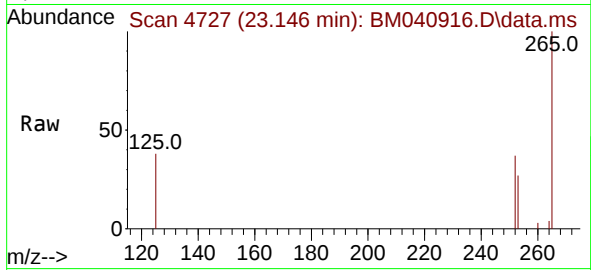
Tgt Ion:252 Resp: 1731
Ion Ratio Lower Upper
252 100
253 56.7 0.0 52.8#
125 73.4 0.0 43.0#





#25
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

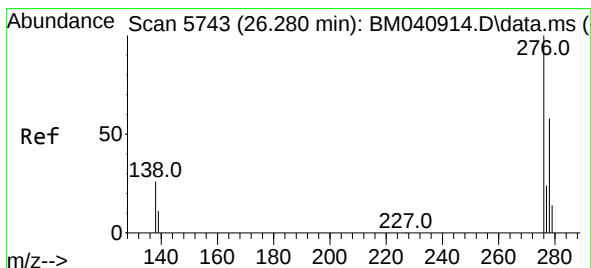
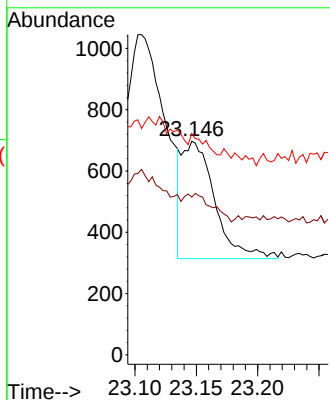
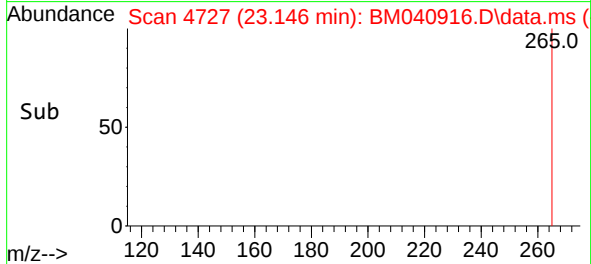
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 715
Ion Ratio Lower Upper
252 100
253 73.9 21.2 31.8#
125 103.6 16.4 24.6#

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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.003 min
Lab File: BM040916.D
Acq: 17 Jul 2023 10:18

Tgt Ion:276 Resp: 819
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7#
227 0.6 0.1 0.1#

