

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035581.D
 Acq On : 21 Jun 2022 21:01
 Operator : CG/JU
 Sample : N3226-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4N0

Quant Time: Jun 22 01:33:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

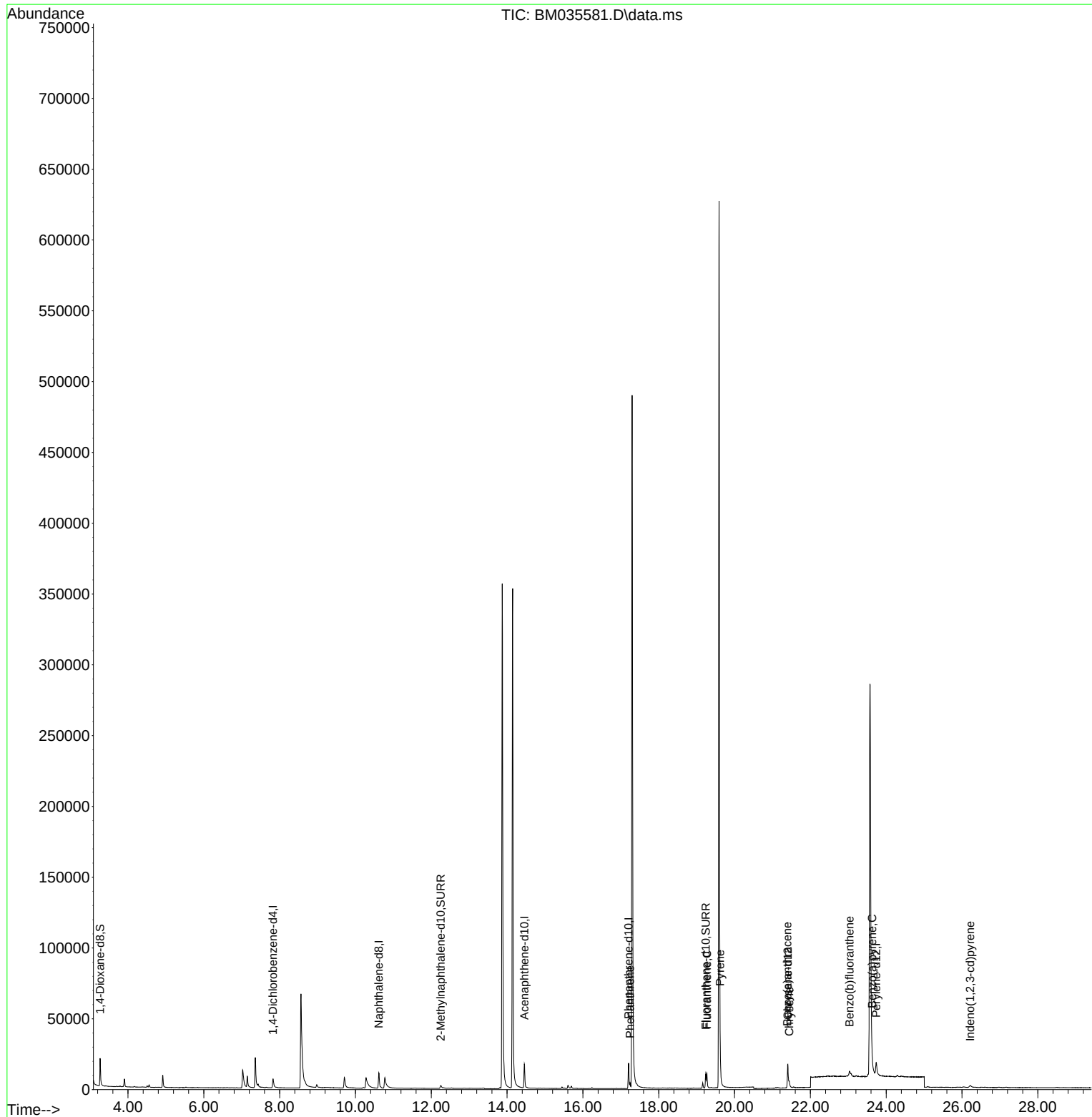
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4952	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.616	136	17089	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.455	164	10415	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	22205	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	16677	0.400	ng/ul	0.00
23) Perylene-d12	23.736	264	15893	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13016	1.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	4813	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	11384	0.203	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	17.241	178	3911	0.048	ng/ul	97
19) Fluoranthene	19.271	202	9805	0.115	ng/ul#	94
20) Pyrene	19.619	202	9772	0.109	ng/ul#	86
21) Benzo(a)anthracene	21.395	228	4500	0.071	ng/ul#	89
22) Chrysene	21.441	228	4681	0.062	ng/ul#	90
24) Benzo(b)fluoranthene	23.031	252	6045	0.087	ng/ul#	23
26) Benzo(a)pyrene	23.628	252	3663	0.051	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.215	276	2737	0.033	ng/ul#	92

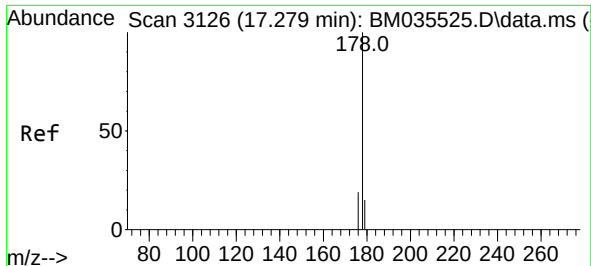
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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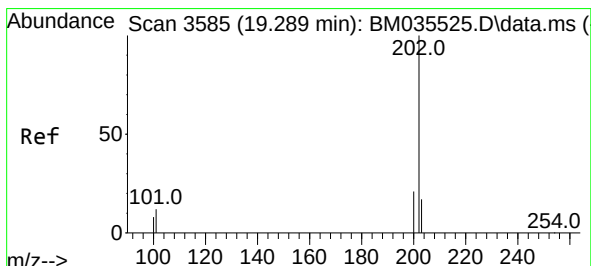
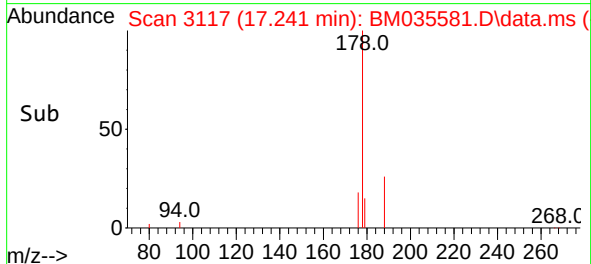
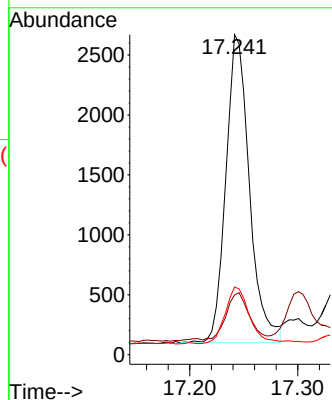
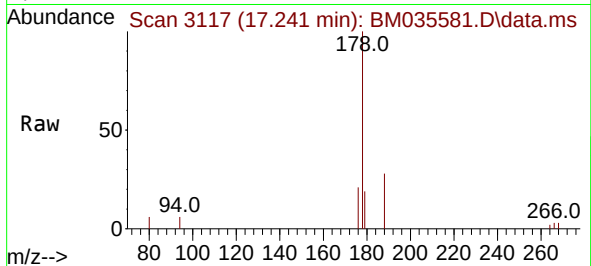




#15
Phenanthrene
Concen: 0.048 ng/ul
RT: 17.241 min Scan# 3117
Delta R.T. -0.030 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

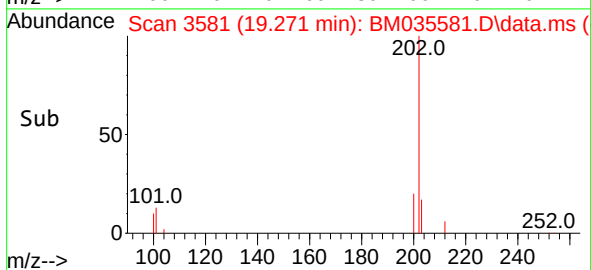
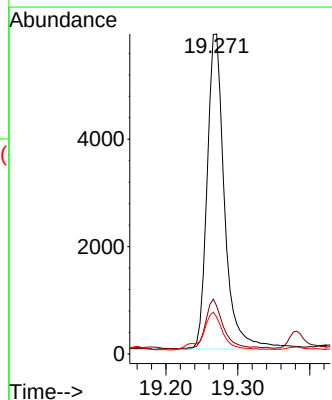
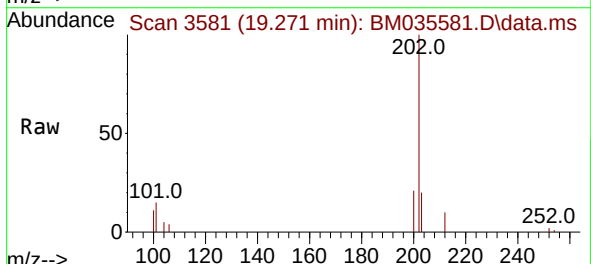
Instrument :
BNA_M
ClientSampleId :
EW4N0

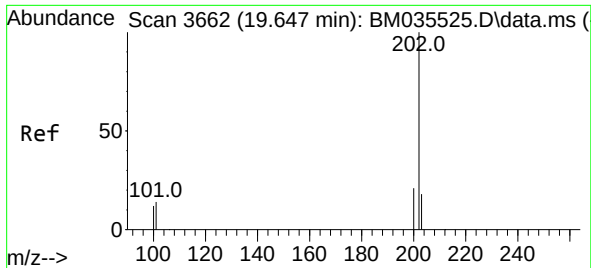
Tgt Ion:178 Resp: 3911
Ion Ratio Lower Upper
178 100
179 18.7 13.2 19.8
176 21.2 16.2 24.4



#19
Fluoranthene
Concen: 0.115 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:202 Resp: 9805
Ion Ratio Lower Upper
202 100
101 14.9 10.0 15.0
100 11.5 7.5 11.3#

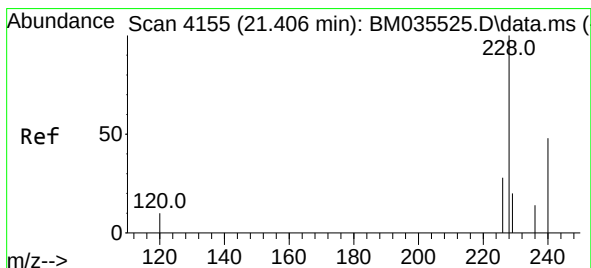
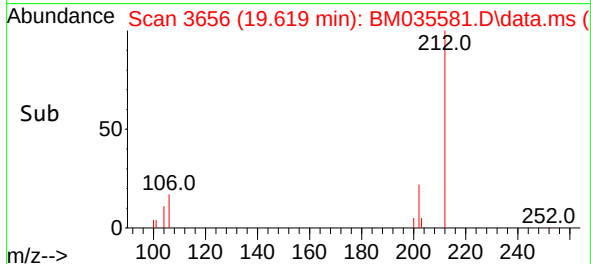
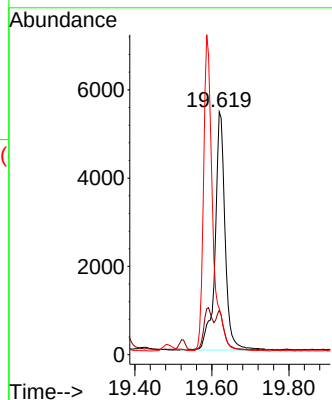
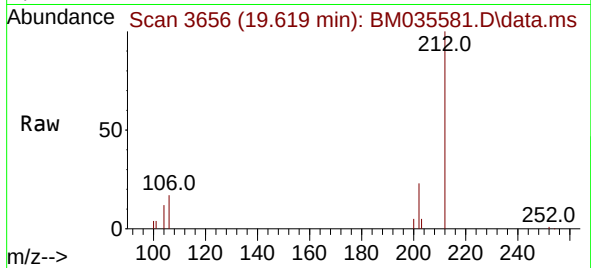




#20
Pyrene
Concen: 0.109 ng/ul
RT: 19.619 min Scan# 3656
Delta R.T. -0.029 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

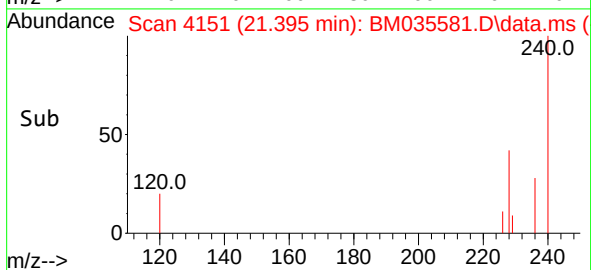
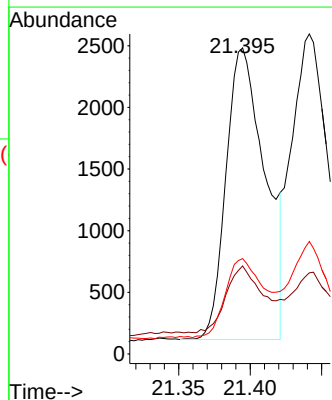
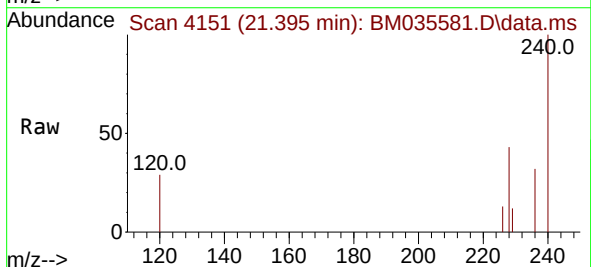
Instrument :
BNA_M
ClientSampleId :
EW4N0

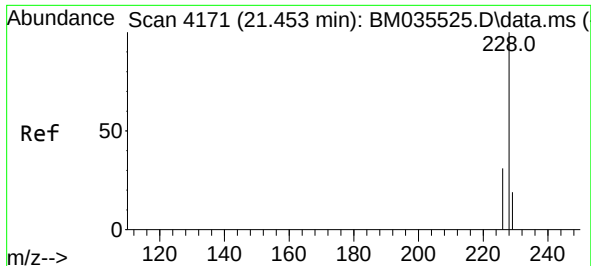
Tgt Ion:202 Resp: 9772
Ion Ratio Lower Upper
202 100
101 18.3 11.6 17.4#
100 19.0 9.3 13.9#



#21
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.395 min Scan# 4151
Delta R.T. -0.005 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:228 Resp: 4500
Ion Ratio Lower Upper
228 100
229 28.8 16.2 24.2#
226 31.1 22.3 33.5





#22

Chrysene

Concen: 0.062 ng/ul

RT: 21.441 min Scan# 41

Delta R.T. -0.008 min

Lab File: BM035581.D

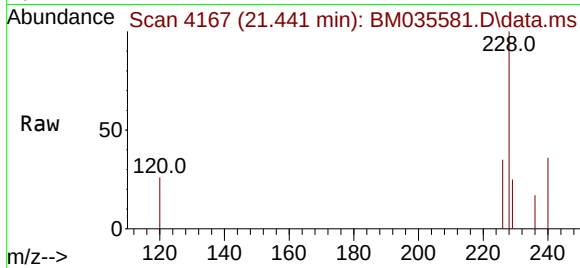
Acq: 21 Jun 2022 21:01

Instrument :

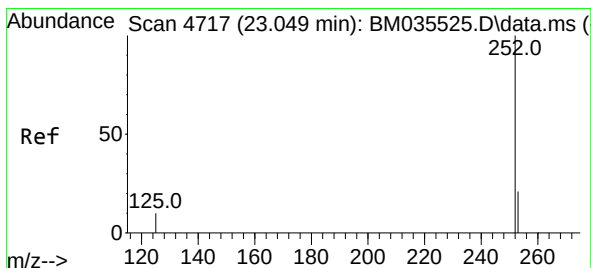
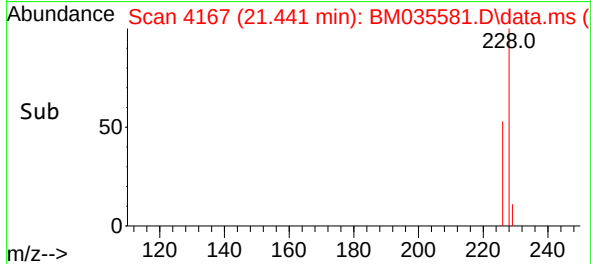
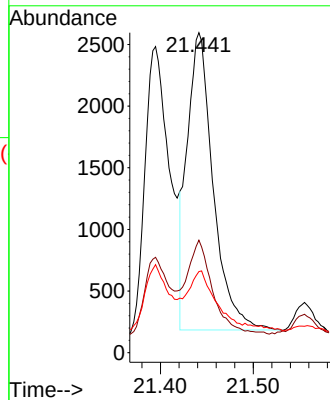
BNA_M

ClientSampleId :

EW4N0



Tgt Ion:	228	Resp:	4681
Ion Ratio	100	Lower	Upper
226	35.2	24.5	36.7
229	25.3	15.8	23.8#



#24

Benzo(b)fluoranthene

Concen: 0.087 ng/ul

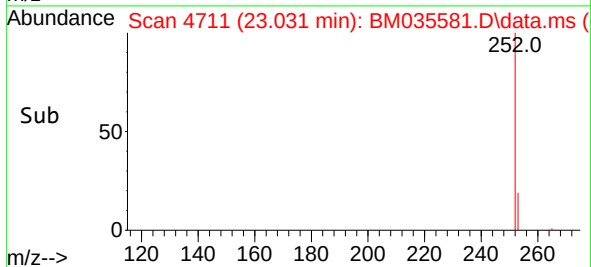
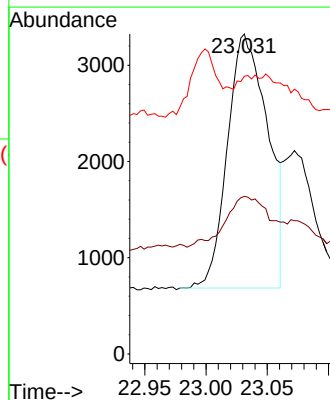
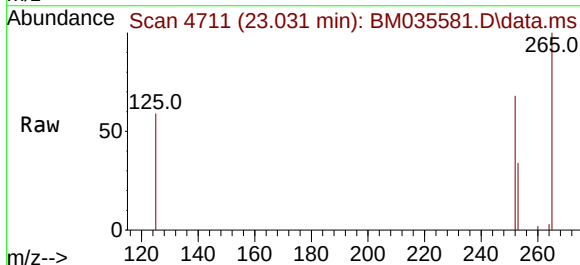
RT: 23.031 min Scan# 4711

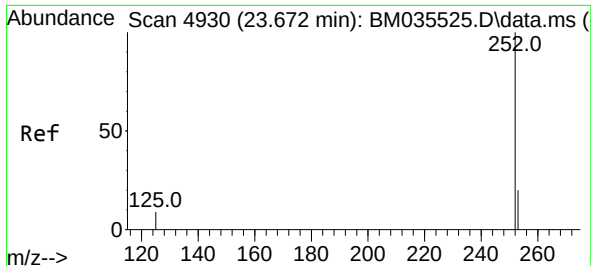
Delta R.T. -0.020 min

Lab File: BM035581.D

Acq: 21 Jun 2022 21:01

Tgt Ion:	252	Resp:	6045
Ion Ratio	100	Lower	Upper
253	49.2	0.0	60.6
125	86.8	0.0	44.8#

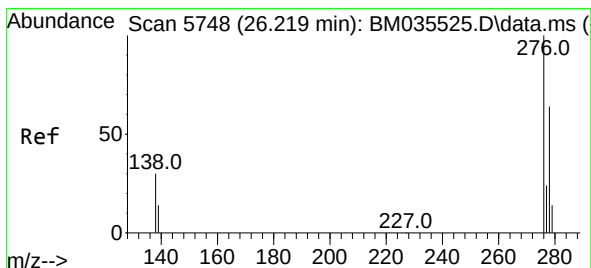
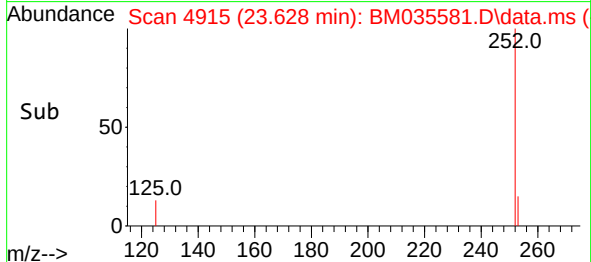
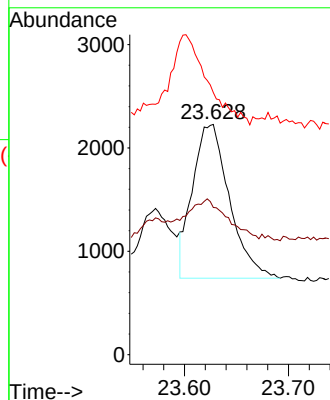
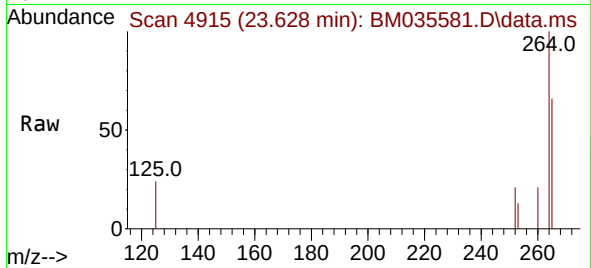




#26
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.628 min Scan# 4930
Delta R.T. -0.040 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Instrument :
BNA_M
ClientSampleId :
EW4N0

Tgt Ion:252 Resp: 3663
Ion Ratio Lower Upper
252 100
253 63.9 27.8 41.6#
125 113.8 23.3 34.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 26.215 min Scan# 5747
Delta R.T. 0.004 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:276 Resp: 2737
Ion Ratio Lower Upper
276 100
138 26.6 24.8 37.2
227 0.2 0.1 0.1#

