

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012622\
 Data File : BM033869.D
 Acq On : 26 Jan 2022 14:26
 Operator : CG/JU
 Sample : N1230-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0Q53

Quant Time: Jan 27 01:41:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 24 15:20:03 2022
 Response via : Initial Calibration

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

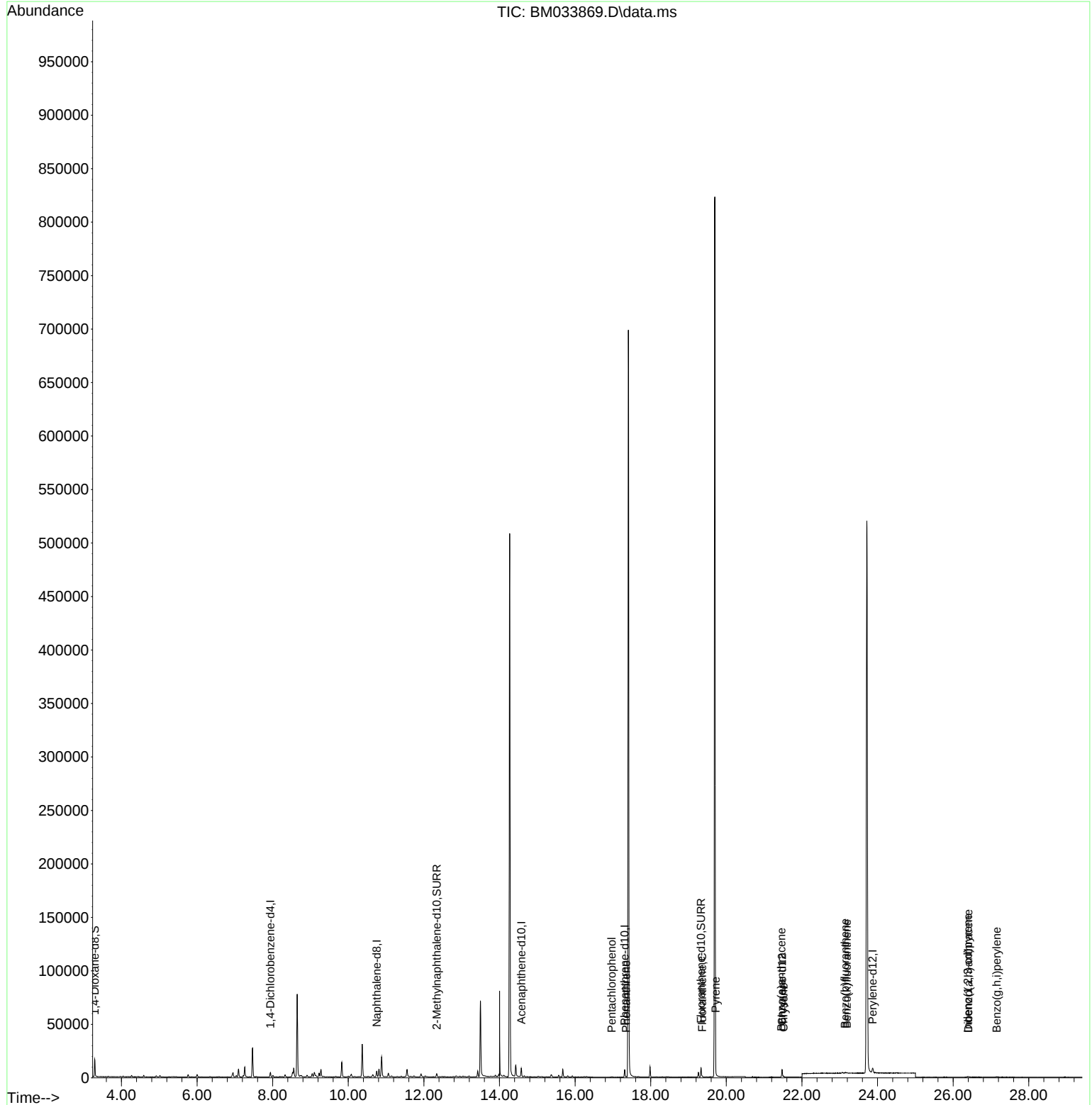
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	1820	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	6789	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.576	164	4198	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	8127	0.400	ng/ul	0.00
17) Chrysene-d12	21.475	240	6301	0.400	ng/ul #	0.00
23) Perylene-d12	23.871	264	6621	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	9365	4.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	3920	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	9124	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	16.969	266	297	0.080	ng/ul	95
15) Phenanthrene	17.351	178	582	0.022	ng/ul#	75
19) Fluoranthene	19.361	202	643	0.022	ng/ul#	69
20) Pyrene	19.720	202	612	0.021	ng/ul#	21
21) Benzo(a)anthracene	21.458	228	652	0.025	ng/ul#	82
22) Chrysene	21.512	228	690	0.025	ng/ul#	82
24) Benzo(b)fluoranthene	23.139	252	787	0.026	ng/ul#	1
25) Benzo(k)fluoranthene	23.188	252	718	0.024	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.391	276	803	0.023	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.405	278	571	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	27.154	276	762	0.026	ng/ul#	40

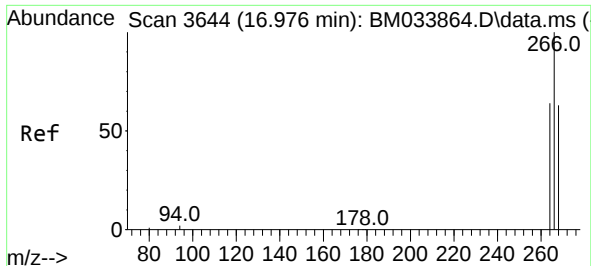
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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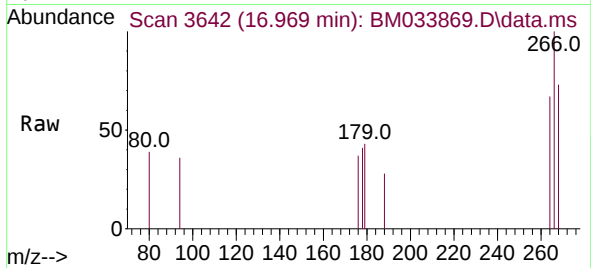
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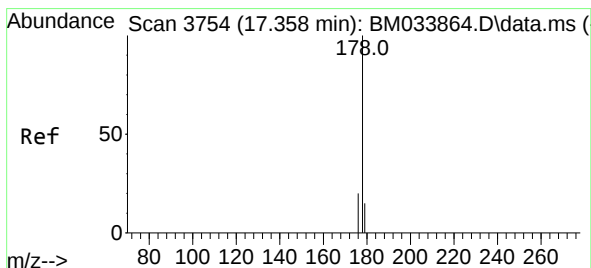
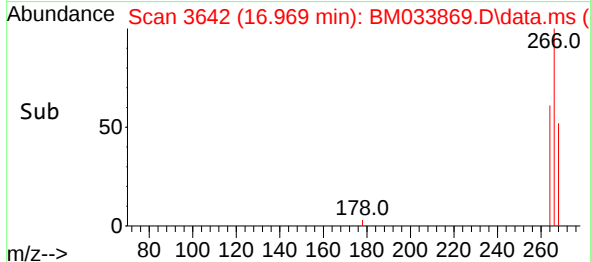
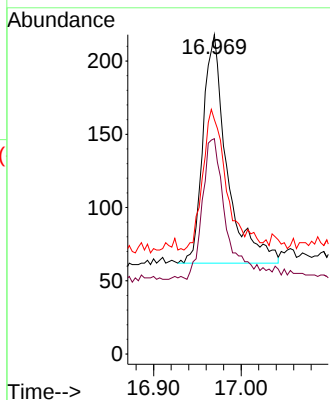


#14
 Pentachlorophenol
 Concen: 0.080 ng/ul
 RT: 16.969 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BM033869.D
 Acq: 26 Jan 2022 14:26

Instrument :
 BNA_M
 ClientSampleId :
 C0Q53

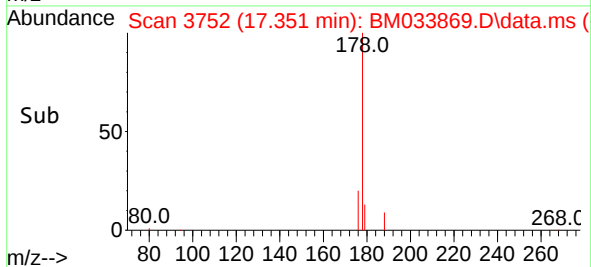
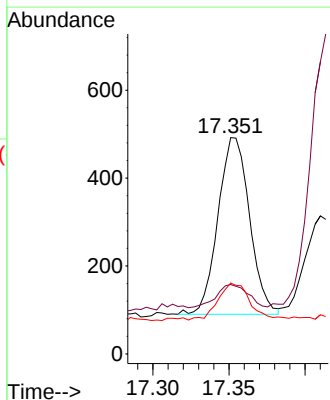
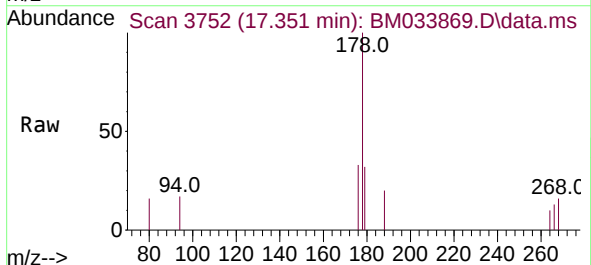


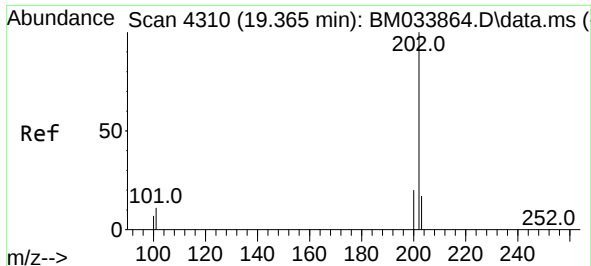
Tgt Ion:266 Resp: 297
 Ion Ratio Lower Upper
 266 100
 264 61.6 51.4 77.0
 268 61.3 53.1 79.7



#15
 Phenanthrene
 Concen: 0.022 ng/ul
 RT: 17.351 min Scan# 3752
 Delta R.T. -0.007 min
 Lab File: BM033869.D
 Acq: 26 Jan 2022 14:26

Tgt Ion:178 Resp: 582
 Ion Ratio Lower Upper
 178 100
 179 32.1 15.0 22.6#
 176 32.7 17.9 26.9#

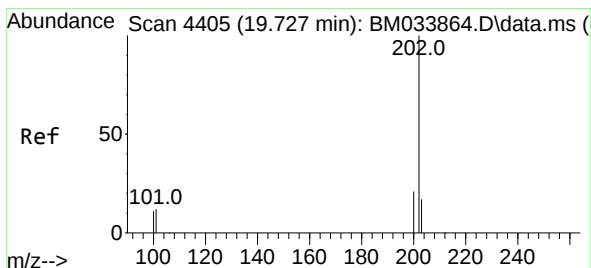
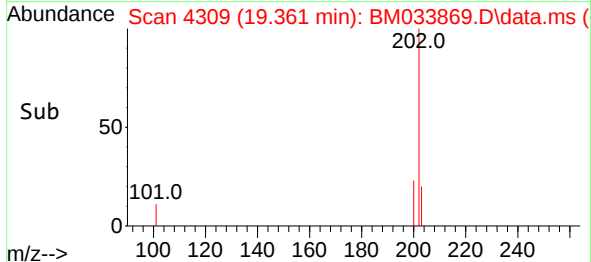
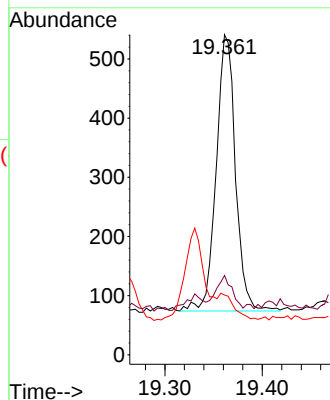
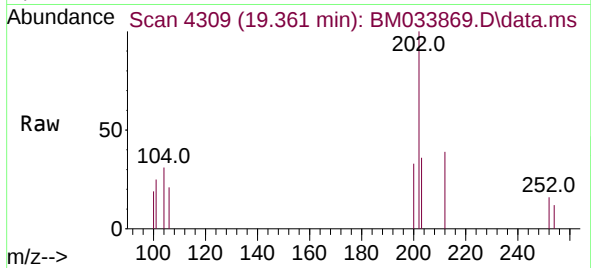




#19
Fluoranthene
Concen: 0.022 ng/ul
RT: 19.361 min Scan# 41
Delta R.T. -0.007 min
Lab File: BM033869.D
Acq: 26 Jan 2022 14:26

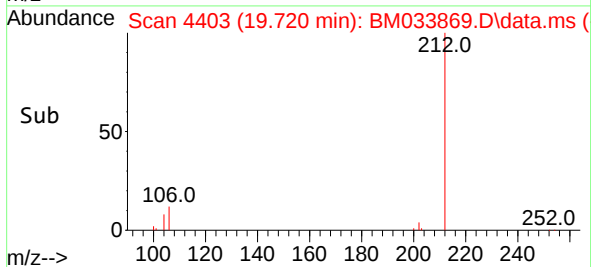
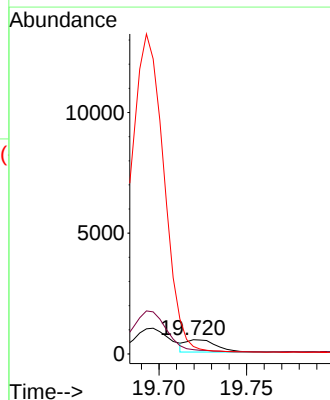
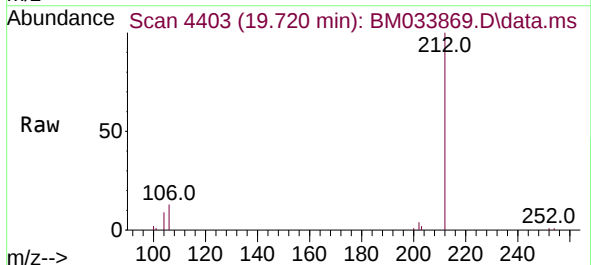
Instrument :
BNA_M
ClientSampleId :
C0Q53

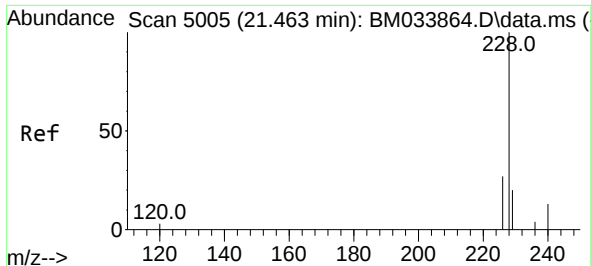
Tgt Ion:202 Resp: 643
Ion Ratio Lower Upper
202 100
101 24.8 9.2 13.8#
100 18.7 7.2 10.8#



#20
Pyrene
Concen: 0.021 ng/ul
RT: 19.720 min Scan# 4403
Delta R.T. -0.007 min
Lab File: BM033869.D
Acq: 26 Jan 2022 14:26

Tgt Ion:202 Resp: 612
Ion Ratio Lower Upper
202 100
101 30.3 9.3 13.9#
100 52.4 7.8 11.6#

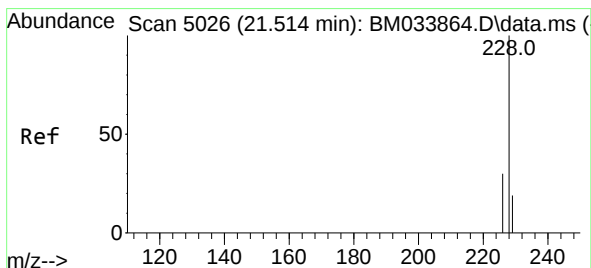
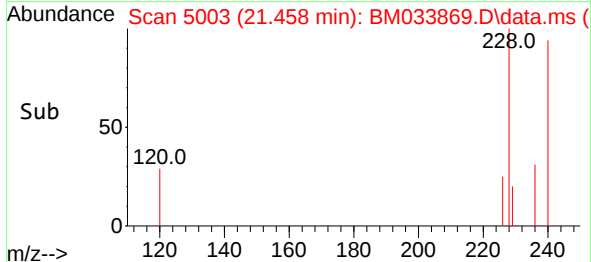
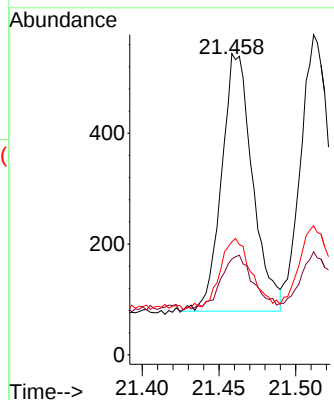
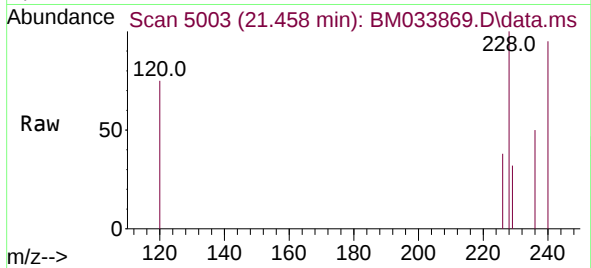




#21
Benzo(a)anthracene
Concen: 0.025 ng/ul
RT: 21.458 min Scan# 5003
Delta R.T. -0.009 min
Lab File: BM033869.D
Acq: 26 Jan 2022 14:26

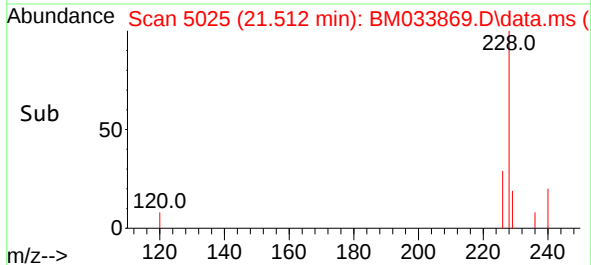
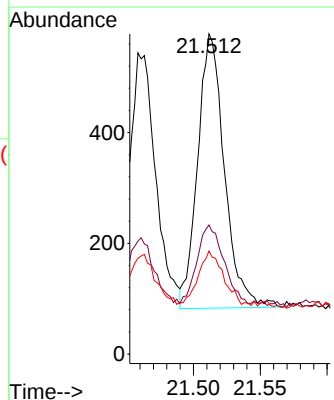
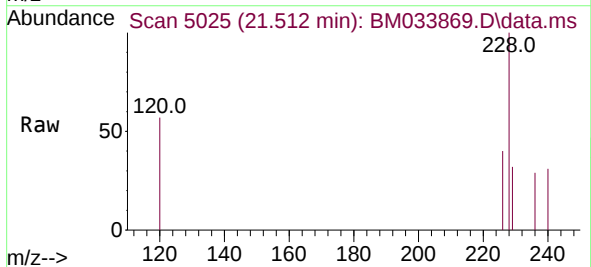
Instrument :
BNA_M
ClientSampleId :
C0Q53

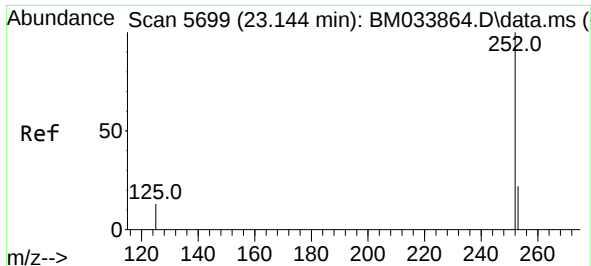
Tgt Ion:228 Resp: 652
Ion Ratio Lower Upper
228 100
229 31.8 17.3 25.9#
226 37.5 23.2 34.8#



#22
Chrysene
Concen: 0.025 ng/ul
RT: 21.512 min Scan# 5025
Delta R.T. -0.009 min
Lab File: BM033869.D
Acq: 26 Jan 2022 14:26

Tgt Ion:228 Resp: 690
Ion Ratio Lower Upper
228 100
226 40.3 25.8 38.8#
229 32.2 16.7 25.1#

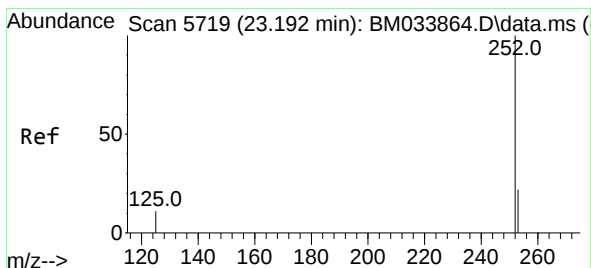
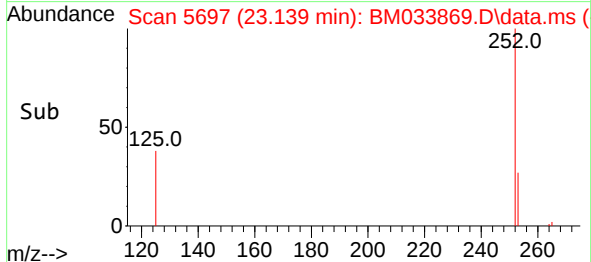
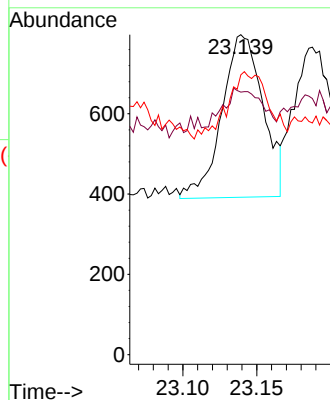
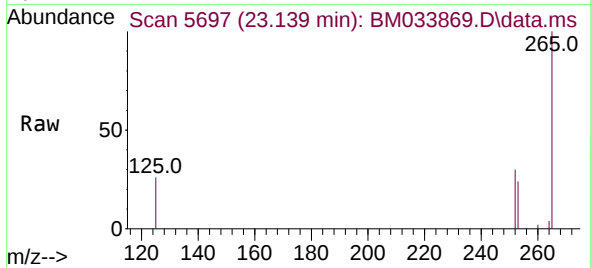




#24
Benzo(b)fluoranthene
Concen: 0.026 ng/ul
RT: 23.139 min Scan# 5697
Delta R.T. -0.012 min
Lab File: BM033869.D
Acq: 26 Jan 2022 14:26

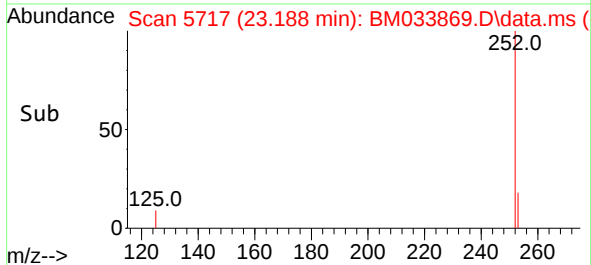
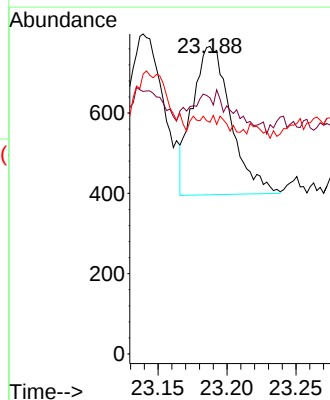
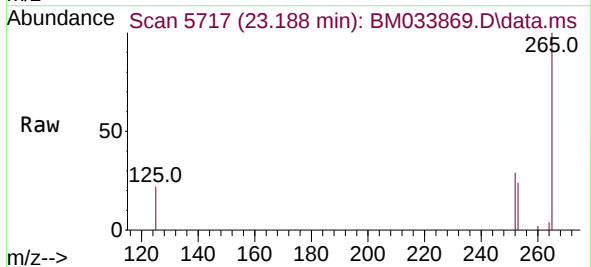
Instrument :
BNA_M
ClientSampleId :
C0Q53

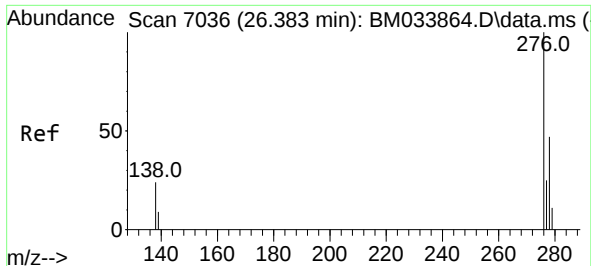
Tgt Ion:252 Resp: 787
Ion Ratio Lower Upper
252 100
253 82.1 0.0 64.2#
125 87.5 0.0 28.8#



#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul
RT: 23.188 min Scan# 5717
Delta R.T. -0.012 min
Lab File: BM033869.D
Acq: 26 Jan 2022 14:26

Tgt Ion:252 Resp: 718
Ion Ratio Lower Upper
252 100
253 83.3 26.8 40.2#
125 75.3 12.0 18.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng/ul

RT: 26.391 min Scan# 7039

Delta R.T. -0.005 min

Lab File: BM033869.D

Acq: 26 Jan 2022 14:26

Instrument :

BNA_M

ClientSampleId :

C0Q53

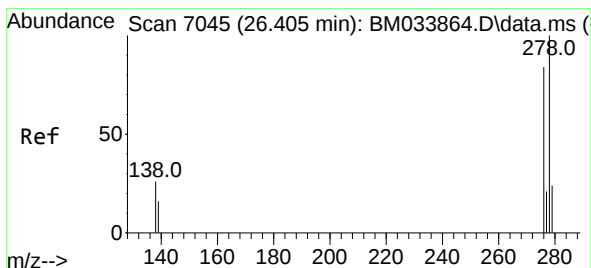
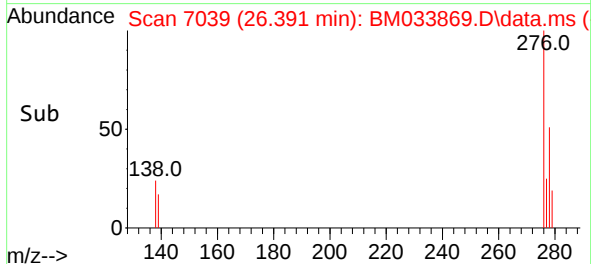
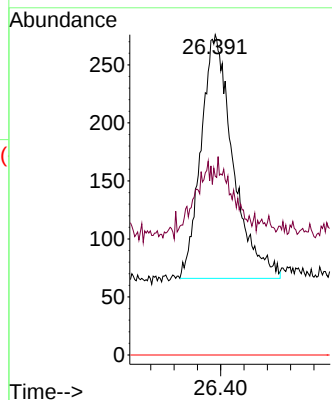
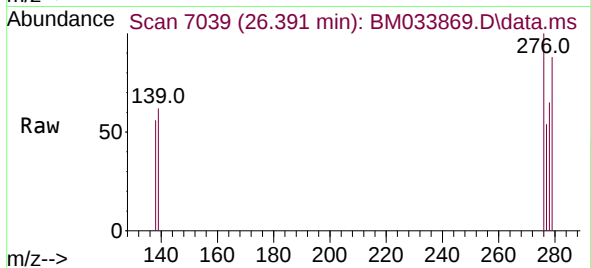
Tgt Ion:276 Resp: 803

Ion Ratio Lower Upper

276 100

138 26.8 15.8 23.6#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 26.405 min Scan# 7045

Delta R.T. -0.007 min

Lab File: BM033869.D

Acq: 26 Jan 2022 14:26

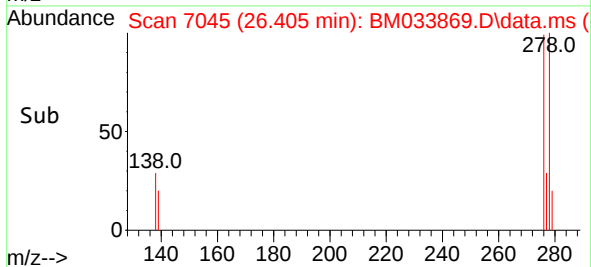
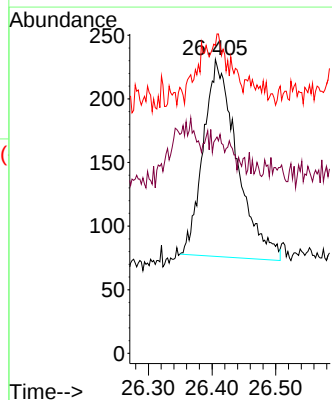
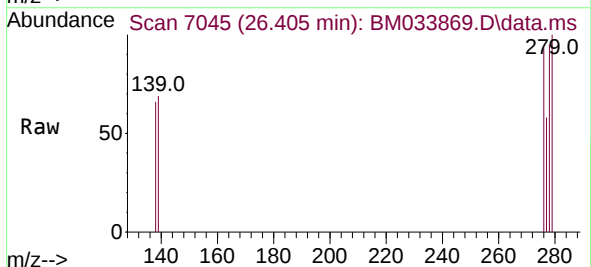
Tgt Ion:278 Resp: 571

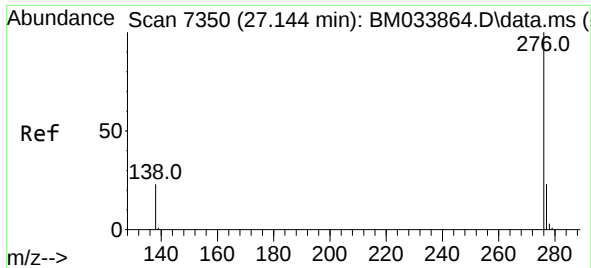
Ion Ratio Lower Upper

278 100

139 72.7 18.0 27.0#

279 104.8 28.6 42.8#





#29

Benzo(g,h,i)perylene

Concen: 0.026 ng/ul

RT: 27.154 min Scan# 71

Delta R.T. -0.009 min

Lab File: BM033869.D

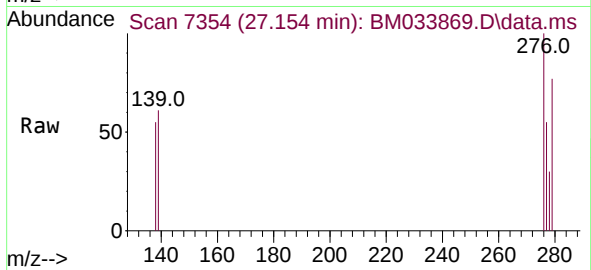
Acq: 26 Jan 2022 14:26

Instrument :

BNA_M

ClientSampleId :

C0Q53



Tgt Ion:276 Resp: 762

Ion Ratio Lower Upper

276 100

138 55.3 17.4 26.0#

277 55.3 22.6 33.8#

