

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040885.D
 Acq On : 14 Jul 2023 18:52
 Operator : MA/JU
 Sample : 03437-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4631

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 03:59:40 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	7.861	152	4239	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	14028	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	6216	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	13239	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9109	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	10730	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	27417	4.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	5184	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	7947	0.272	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.299	178	1680	0.041	ng/ul#	87
19) Fluoranthene	19.320	202	4913	0.127	ng/ul	96
20) Pyrene	19.682	202	5342m	0.129	ng/ul	
21) Benzo(a)anthracene	21.434	228	2148	0.070	ng/ul#	87
22) Chrysene	21.489	228	3097	0.088	ng/ul#	91
24) Benzo(b)fluoranthene	23.108	252	3501	0.084	ng/ul#	51
25) Benzo(k)fluoranthene	23.152	252	1386m	0.034	ng/ul	
26) Benzo(a)pyrene	23.722	252	2325	0.062	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.290	276	1961	0.038	ng/ul#	86
29) Benzo(g,h,i)perylene	27.041	276	2229	0.049	ng/ul#	79

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

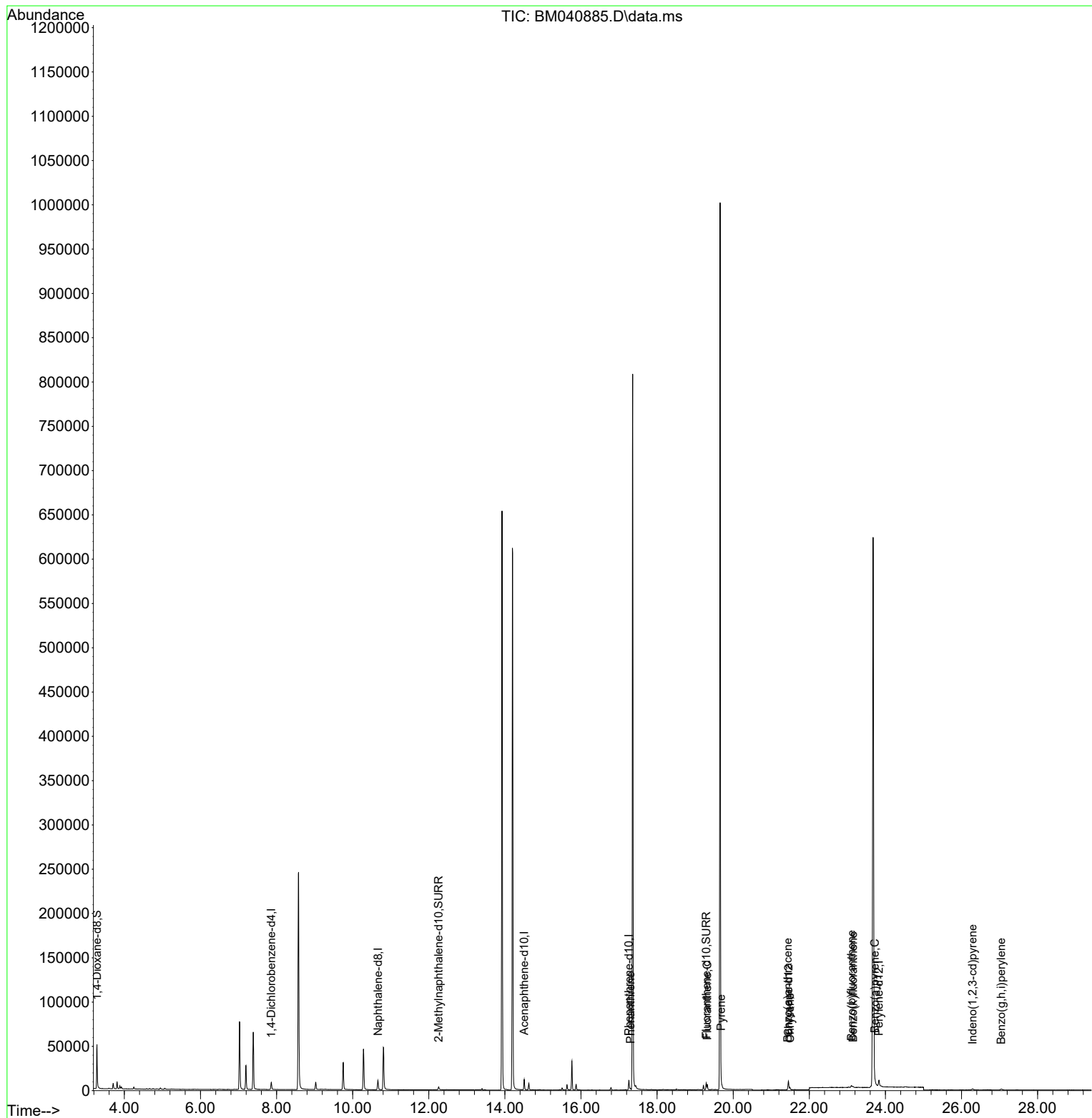
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
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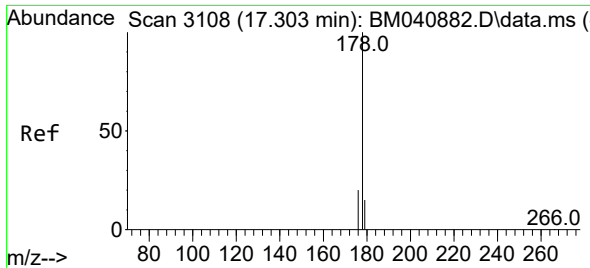
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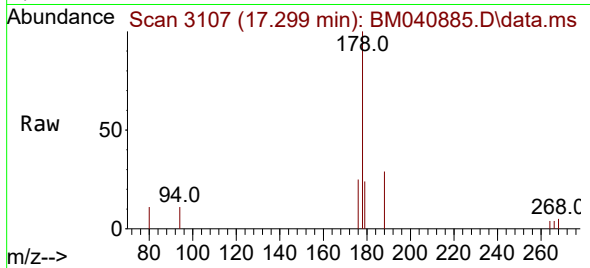
Quant Time: Jul 15 03:59:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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QLast Update : Sat Jul 15 03:58:02 2023
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#15
Phenanthrene
Concen: 0.041 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040885.D
Acq: 14 Jul 2023 18:52

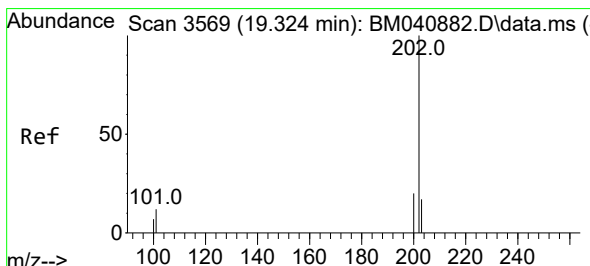
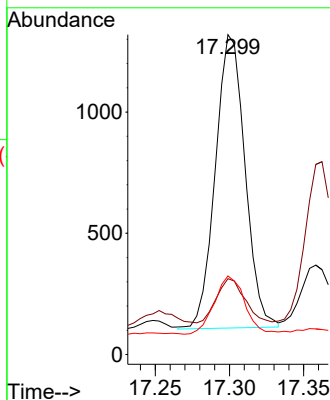
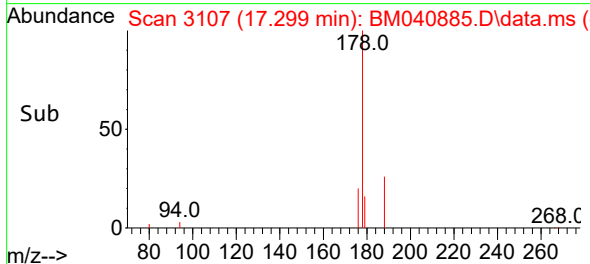
Instrument :
BNA_M
ClientSampleId :
A4631



Tgt Ion:178 Resp: 1680
Ion Ratio Lower Upper
178 100
179 23.7 12.8 19.2
176 24.6 16.4 24.6

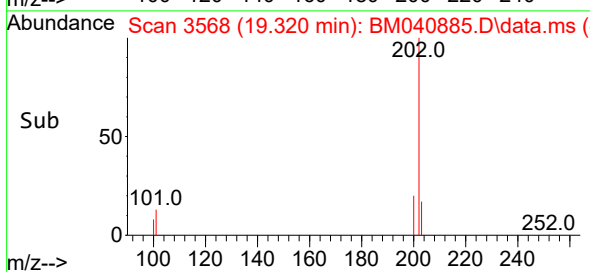
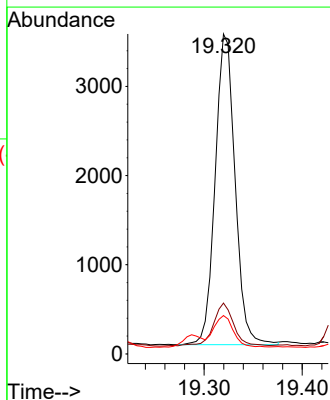
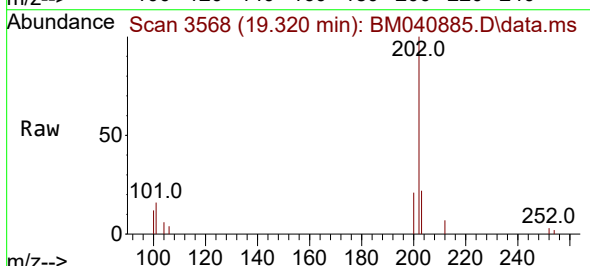
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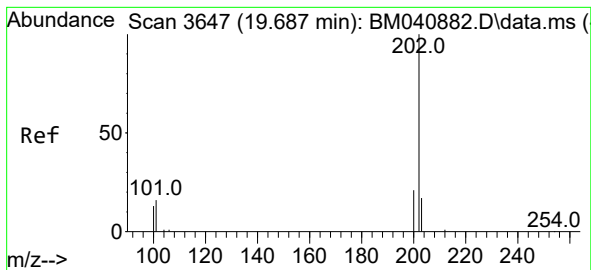
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#19
Fluoranthene
Concen: 0.127 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BM040885.D
Acq: 14 Jul 2023 18:52

Tgt Ion:202 Resp: 4913
Ion Ratio Lower Upper
202 100
101 15.9 11.4 17.0
100 12.0 8.7 13.1





#20

Pyrene

Concen: 0.129 ng/ul m

RT: 19.682 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040885.D

Acq: 14 Jul 2023 18:52

Instrument :

BNA_M

ClientSampleId :

A4631

Tgt Ion:202 Resp: 534

Ion Ratio Lower Upper

202 100

101 17.8 12.6 18.8

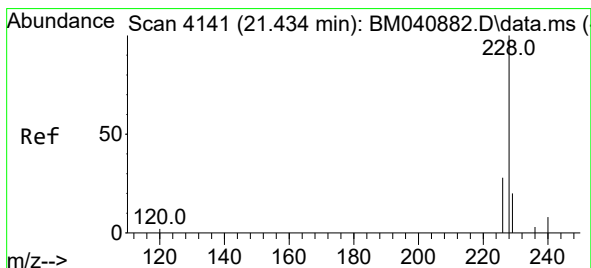
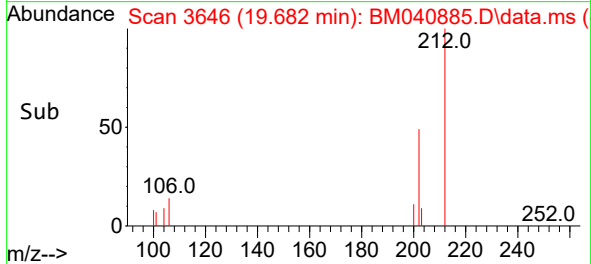
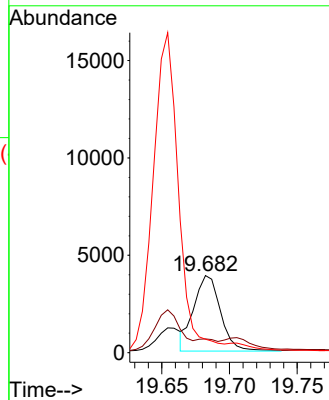
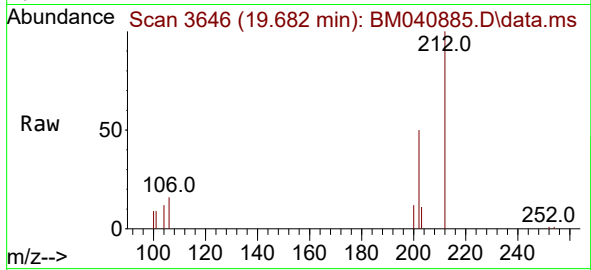
100 17.5 9.8 14.6

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#21

Benzo(a)anthracene

Concen: 0.070 ng/ul

RT: 21.434 min Scan# 4141

Delta R.T. -0.000 min

Lab File: BM040885.D

Acq: 14 Jul 2023 18:52

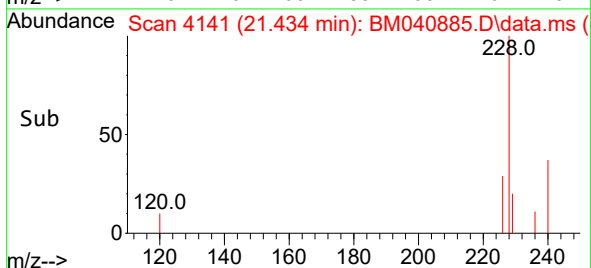
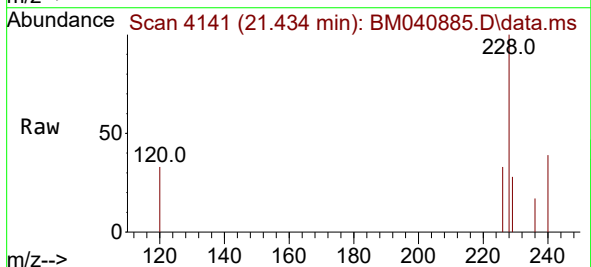
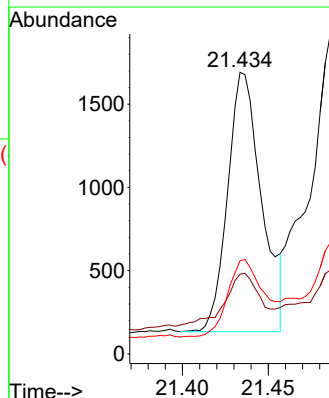
Tgt Ion:228 Resp: 2148

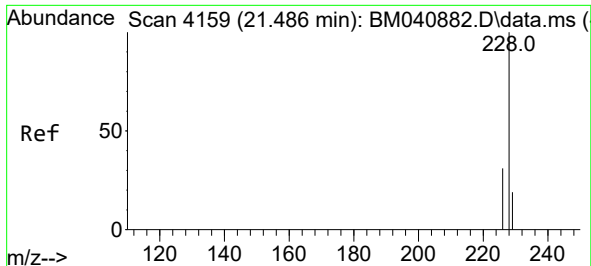
Ion Ratio Lower Upper

228 100

229 28.3 16.0 24.0#

226 33.1 22.3 33.5





#22

Chrysene

Concen: 0.088 ng/ul

RT: 21.489 min Scan# 4159

Delta R.T. 0.003 min

Lab File: BM040885.D

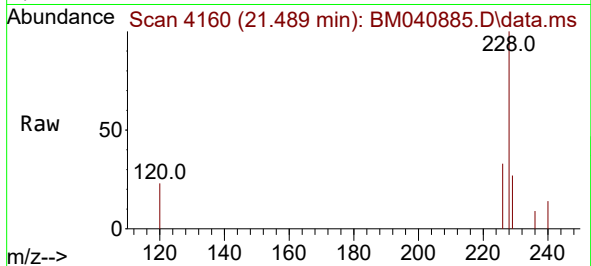
Acq: 14 Jul 2023 18:52

Instrument :

BNA_M

ClientSampleId :

A4631

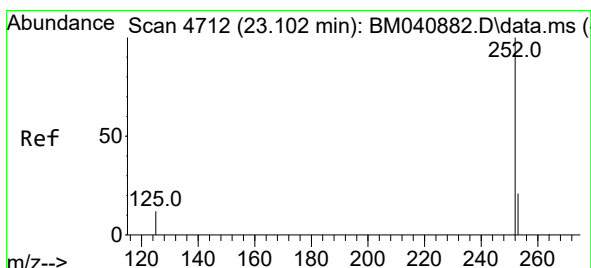
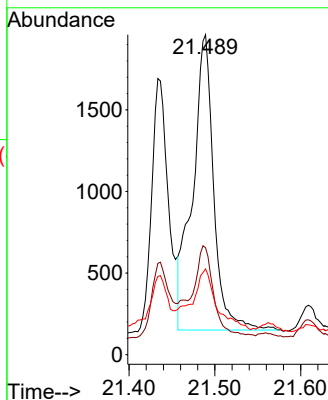
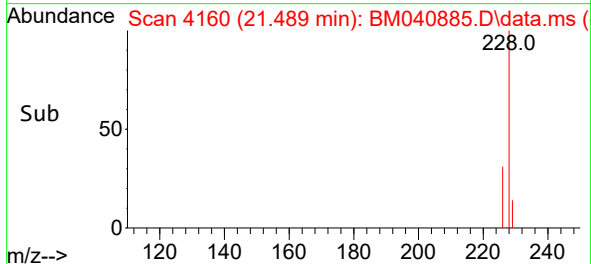


Tgt Ion:	228	Resp:	309
Ion Ratio	Lower	Upper	
228	100		
226	33.4	24.9	37.3
229	26.8	15.8	23.6

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#24

Benzo(b)fluoranthene

Concen: 0.084 ng/ul

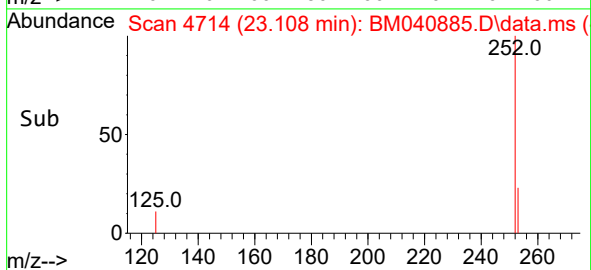
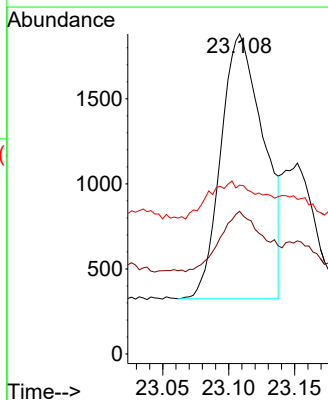
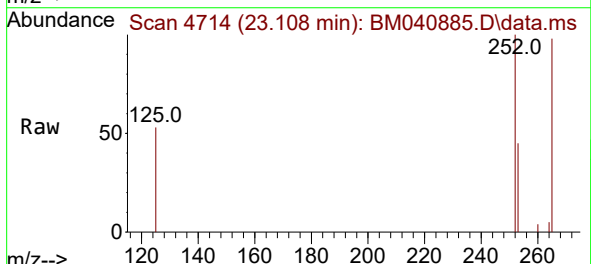
RT: 23.108 min Scan# 4714

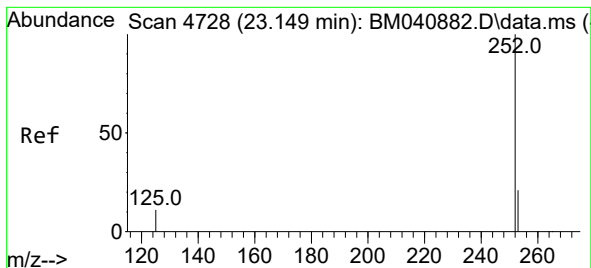
Delta R.T. 0.006 min

Lab File: BM040885.D

Acq: 14 Jul 2023 18:52

Tgt Ion:	252	Resp:	3501
Ion Ratio	Lower	Upper	
252	100		
253	44.6	0.0	52.8
125	52.7	0.0	43.0





#25

Benzo(k)fluoranthene

Concen: 0.034 ng/ul m

RT: 23.152 min Scan# 4

Delta R.T. 0.003 min

Lab File: BM040885.D

Acq: 14 Jul 2023 18:52

Instrument :

BNA_M

ClientSampleId :

A4631

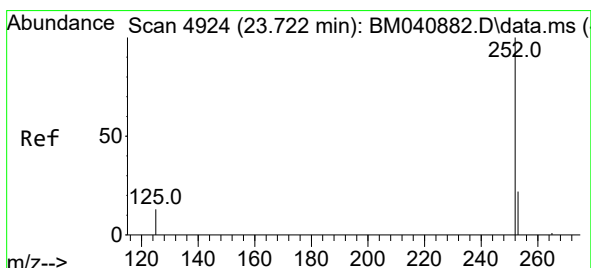
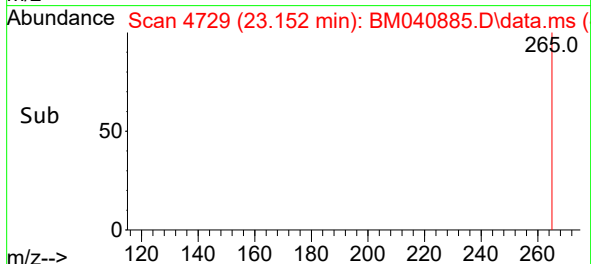
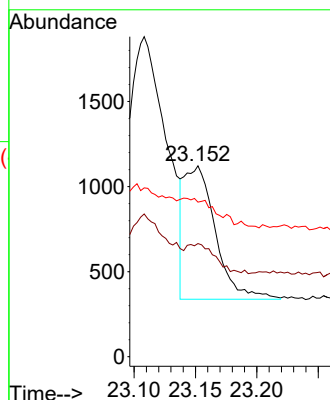
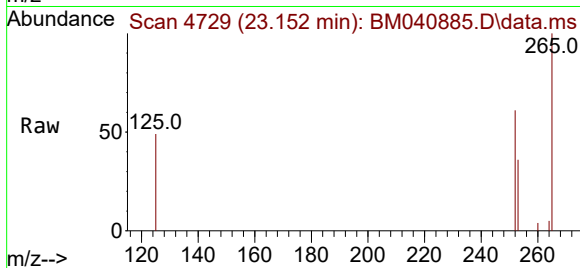
Tgt Ion:252 Resp: 1380

Ion	Ratio	Lower	Upper
252	100		
253	59.3	21.2	31.8
125	81.0	16.4	24.6

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#26

Benzo(a)pyrene

Concen: 0.062 ng/ul

RT: 23.722 min Scan# 4924

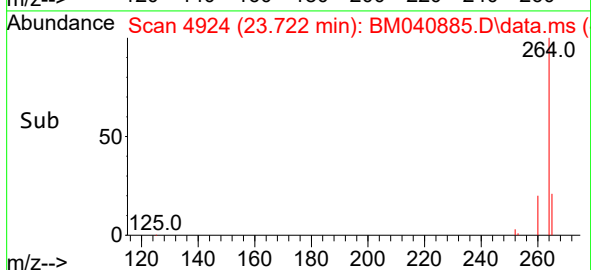
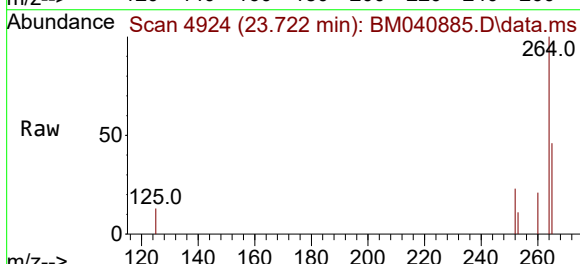
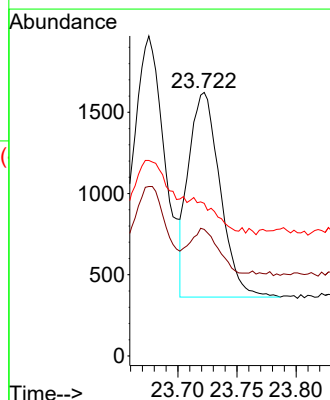
Delta R.T. -0.000 min

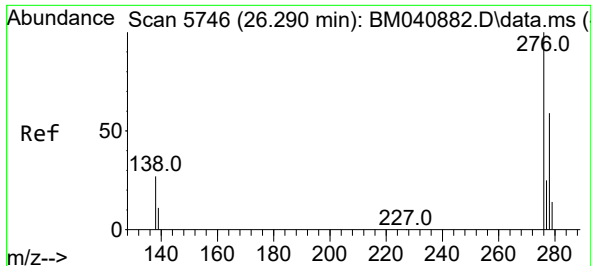
Lab File: BM040885.D

Acq: 14 Jul 2023 18:52

Tgt Ion:252 Resp: 2325

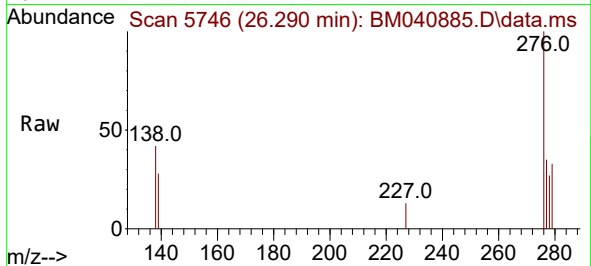
Ion	Ratio	Lower	Upper
252	100		
253	48.0	22.9	34.3
125	58.0	21.0	31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 26.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM040885.D
Acq: 14 Jul 2023 18:52

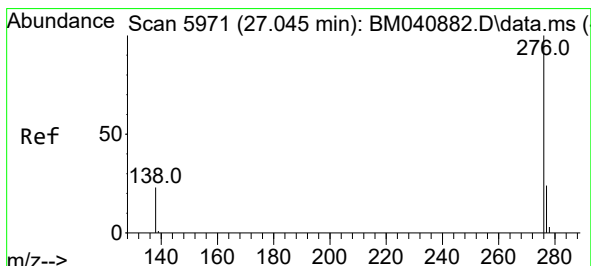
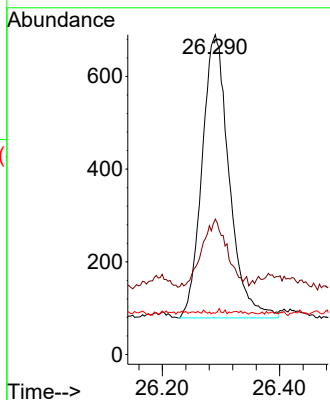
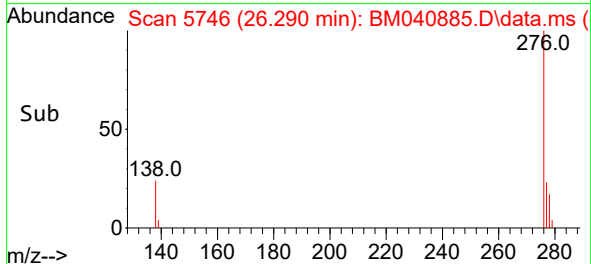
Instrument :
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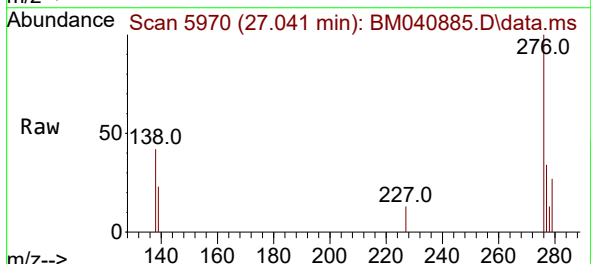
Tgt Ion:276 Resp: 196
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7
227 0.2 0.1 0.1

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#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 27.041 min Scan# 5970
Delta R.T. -0.003 min
Lab File: BM040885.D
Acq: 14 Jul 2023 18:52



Tgt Ion:276 Resp: 2229
Ion Ratio Lower Upper
276 100
138 41.7 23.0 34.6#
277 34.2 20.3 30.5#

