

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041496.D
 Acq On : 25 Aug 2023 16:01
 Operator : MA/JU
 Sample : 04037-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 26 00:17:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	10738	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	31436	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	17034	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	34533	0.400	ng/ul	0.00
17) Chrysene-d12	21.702	240	18202	0.400	ng/ul	# 0.00
23) Perylene-d12	24.272	264	17055	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	74857	5.508	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	11767	0.283	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	20371	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.994	128	2316	0.025	ng/ul#	86
15) Phenanthrene	17.548	178	76466	0.603	ng/ul	99
19) Fluoranthene	19.561	202	136720	0.818	ng/ul	98
20) Pyrene	19.929	202	86584m	0.514	ng/ul	
21) Benzo(a)anthracene	21.685	228	19092	0.161	ng/ul	95
22) Chrysene	21.740	228	28223m	0.221	ng/ul	
24) Benzo(b)fluoranthene	23.474	252	60400	0.517	ng/ul	92
25) Benzo(k)fluoranthene	23.526	252	19452m	0.166	ng/ul	
26) Benzo(a)pyrene	24.158	252	31310	0.326	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.984	276	36964	0.308	ng/ul#	91
28) Dibenzo(a,h)anthracene	27.005	278	8825	0.096	ng/ul#	59
29) Benzo(g,h,i)perylene	27.833	276	38051	0.360	ng/ul	99

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

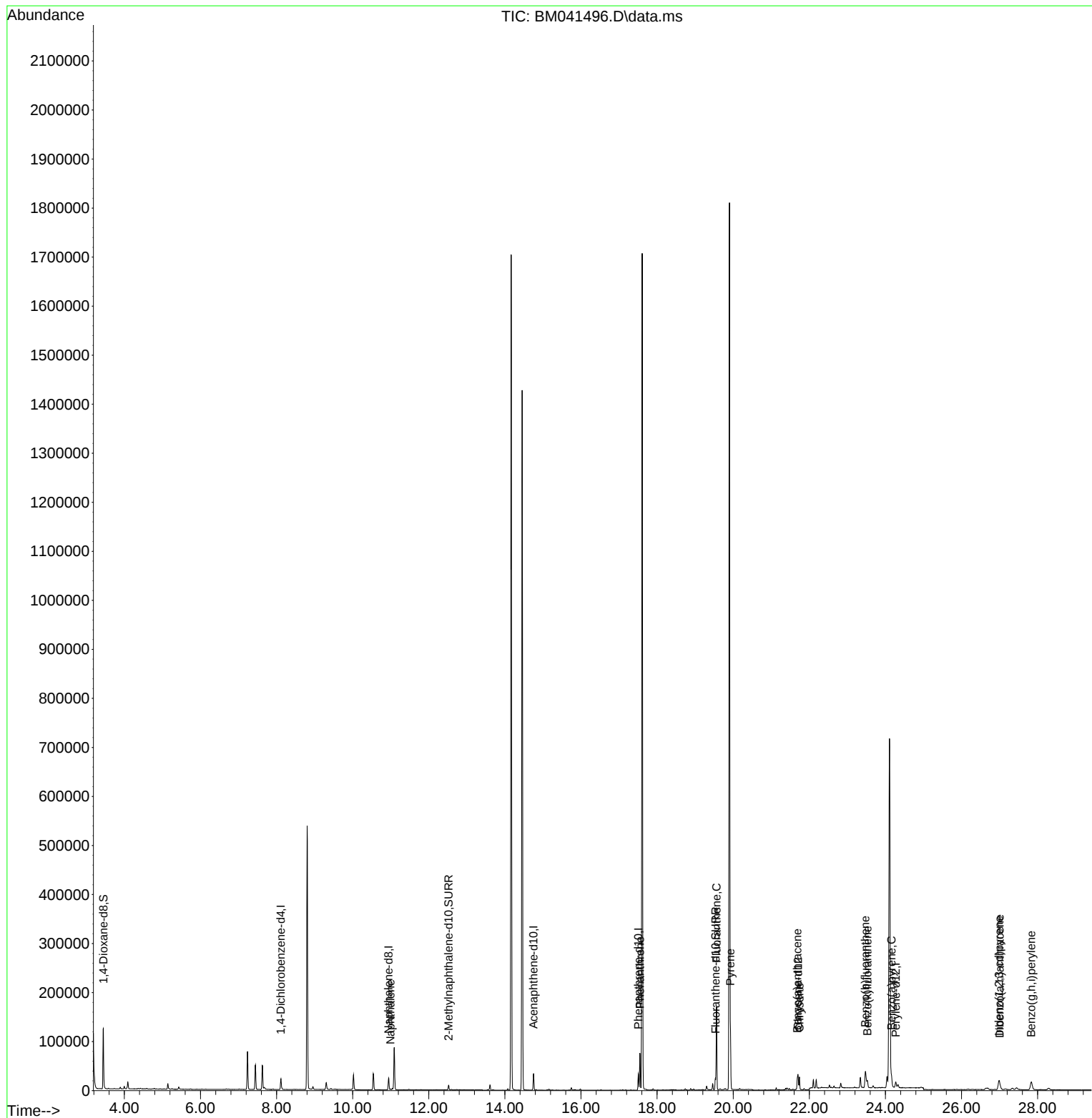
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041496.D
Acq On : 25 Aug 2023 16:01
Operator : MA/JU
Sample : 04037-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

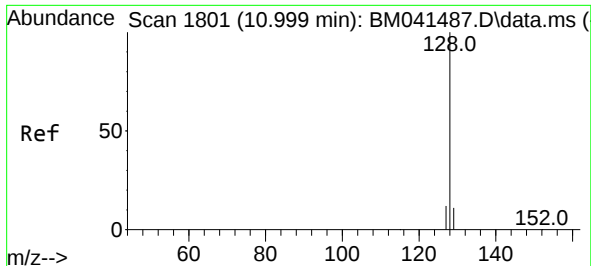
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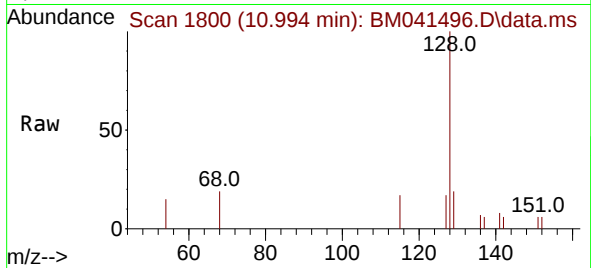
Quant Time: Aug 26 00:17:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/u1
RT: 10.994 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

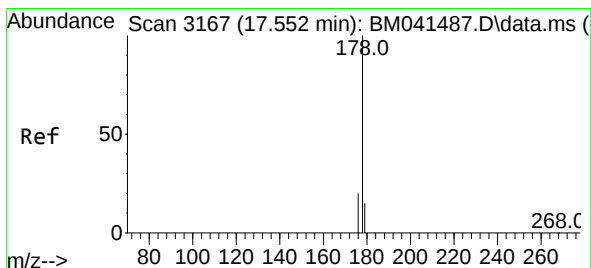
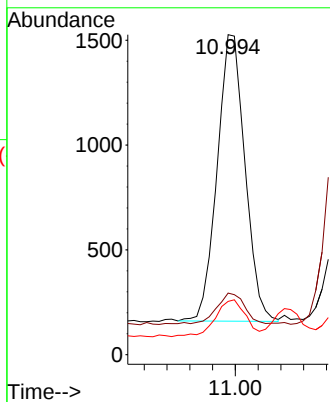
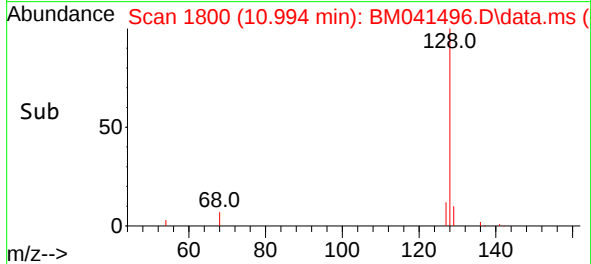
Instrument :
BNA_M
ClientSampleId :
EZYJ5



Tgt Ion:128 Resp: 2310
Ion Ratio Lower Upper
128 100
129 19.3 8.9 13.3
127 16.6 10.6 15.8

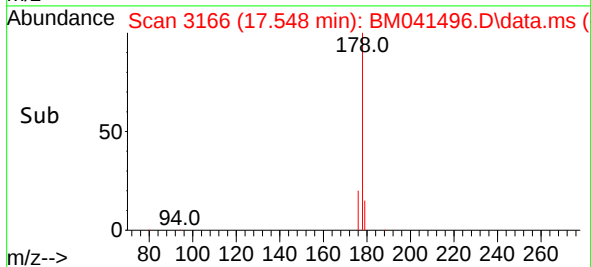
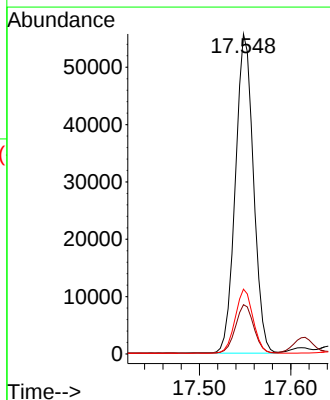
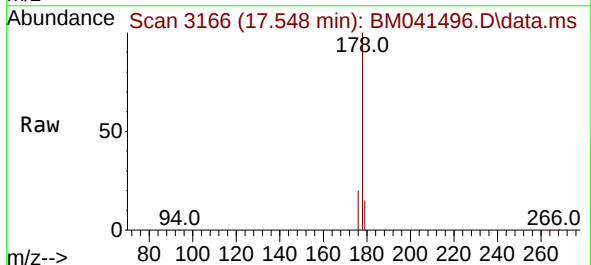
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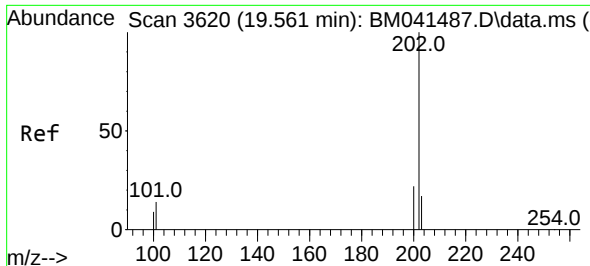
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#15
Phenanthrene
Concen: 0.603 ng/u1
RT: 17.548 min Scan# 3166
Delta R.T. -0.008 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

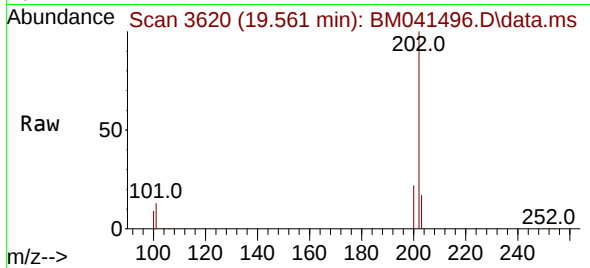
Tgt Ion:178 Resp: 76466
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 20.3 15.8 23.8





#19
Fluoranthene
Concen: 0.818 ng/ul
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

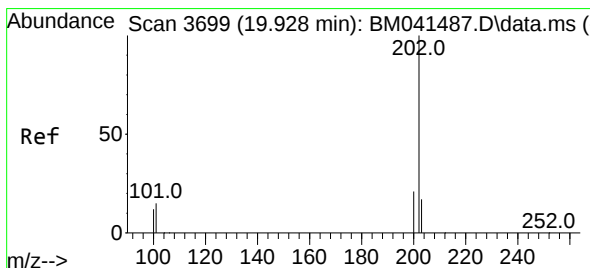
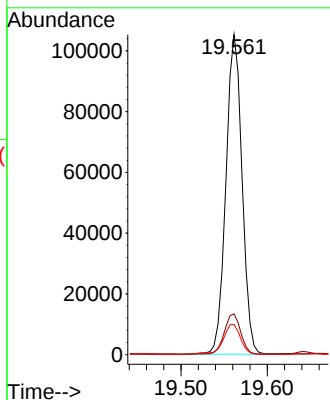
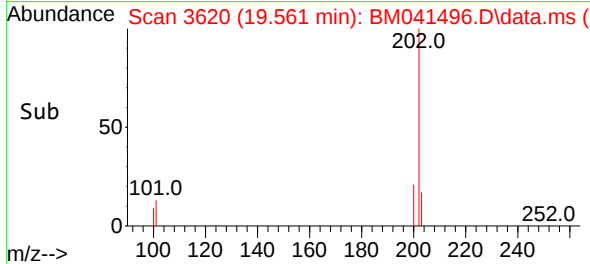
Instrument :
BNA_M
ClientSampleId :
EZYJ5



Tgt Ion:202 Resp: 136720
Ion Ratio Lower Upper
202 100
101 12.8 11.0 16.6
100 9.5 7.9 11.9

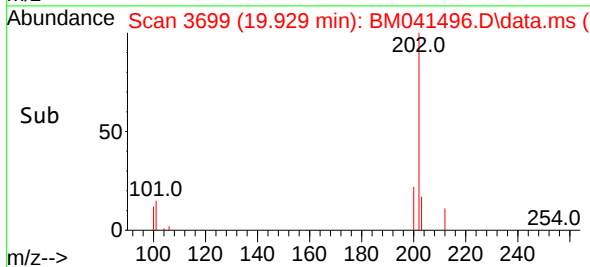
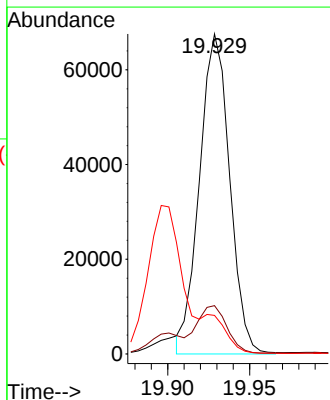
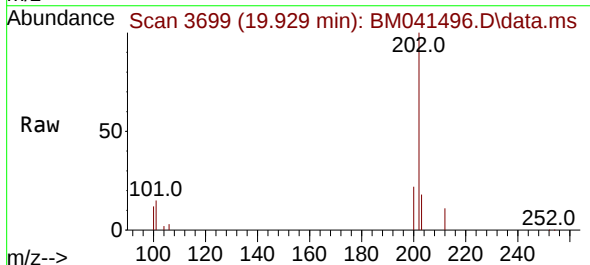
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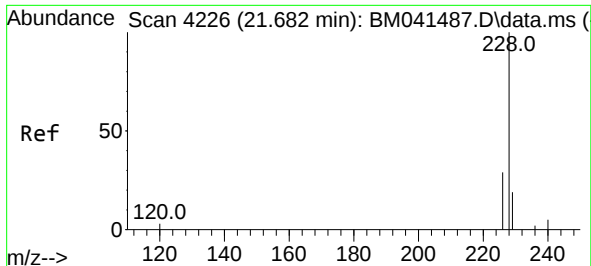
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#20
Pyrene
Concen: 0.514 ng/ul m
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

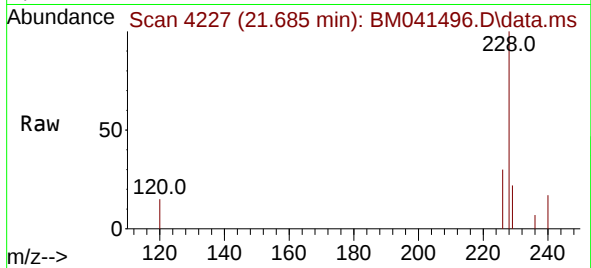
Tgt Ion:202 Resp: 86584
Ion Ratio Lower Upper
202 100
101 15.1 12.2 18.2
100 12.1 9.8 14.8





#21
Benzo(a)anthracene
Concen: 0.161 ng/ul
RT: 21.685 min Scan# 4226
Delta R.T. -0.003 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

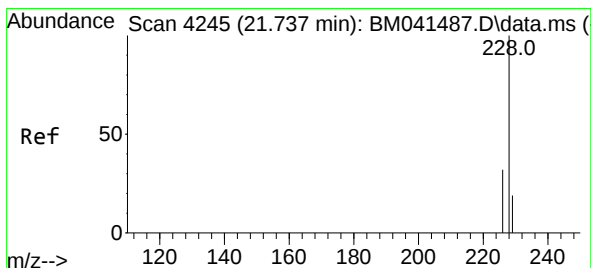
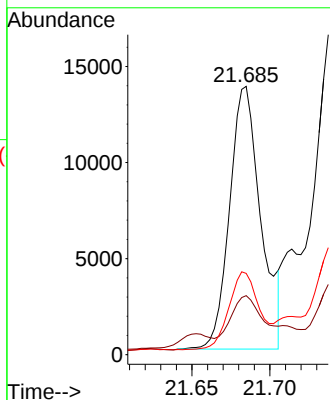
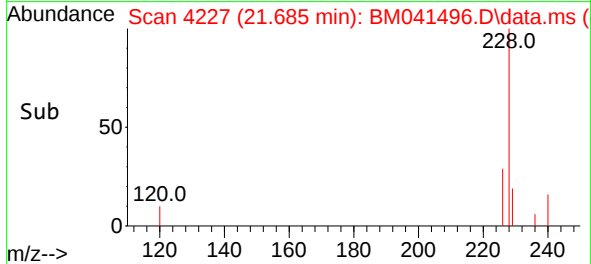
Instrument :
BNA_M
ClientSampleId :
EZYJ5



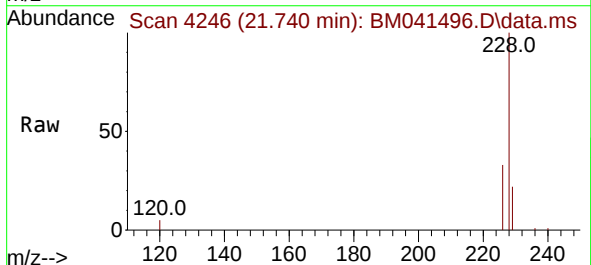
Tgt Ion:228 Resp: 1909
Ion Ratio Lower Upper
228 100
229 22.0 15.3 22.9
226 30.3 22.7 34.1

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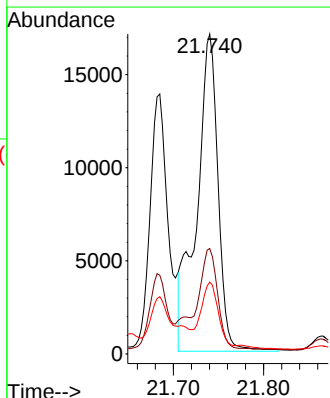
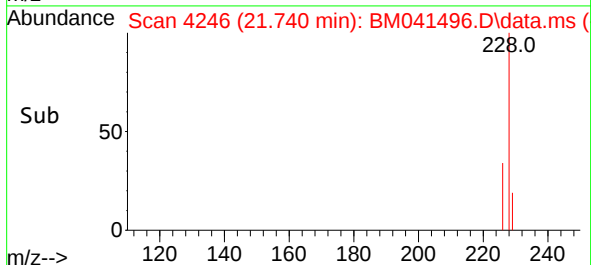
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

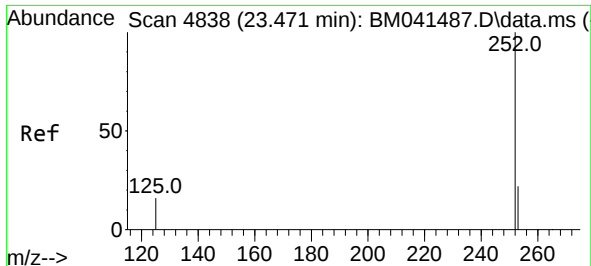


#22
Chrysene
Concen: 0.221 ng/ul m
RT: 21.740 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01



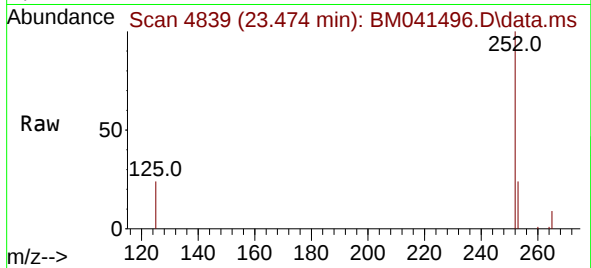
Tgt Ion:228 Resp: 28223
Ion Ratio Lower Upper
228 100
226 33.0 25.6 38.4
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.517 ng/ul
RT: 23.474 min Scan# 4838
Delta R.T. -0.009 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

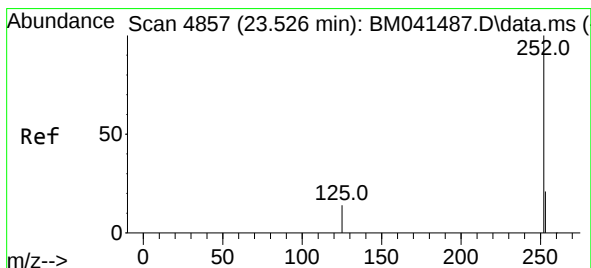
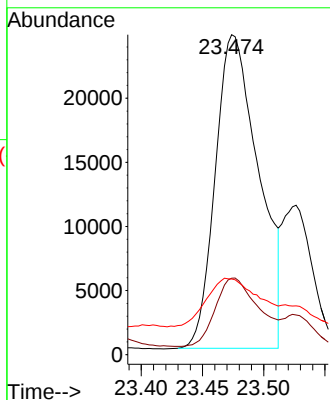
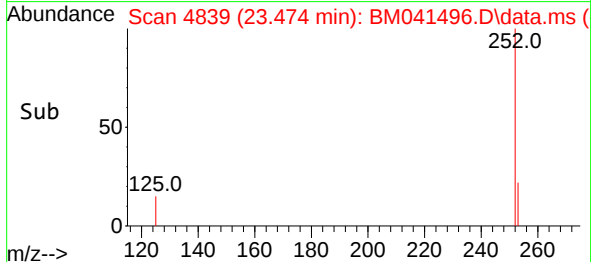
Instrument :
BNA_M
ClientSampleId :
EZYJ5



Tgt Ion:252 Resp: 60400
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.8
125 23.6 0.0 32.8

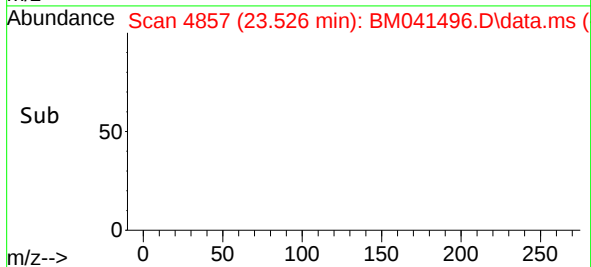
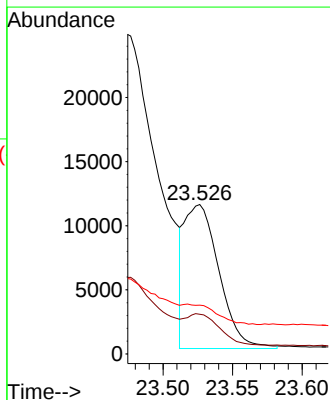
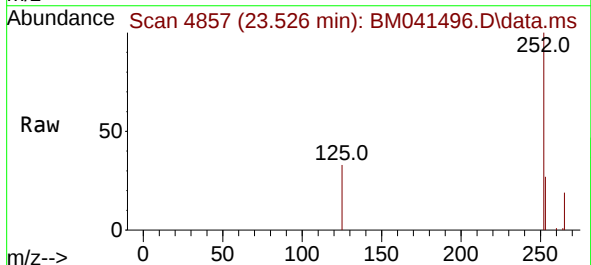
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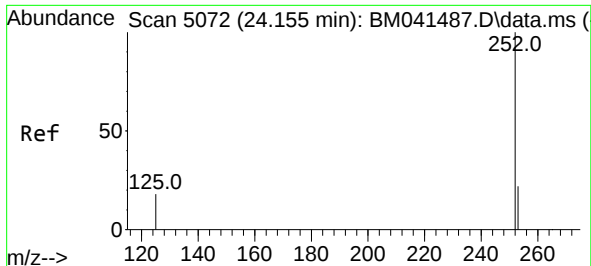
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 23.526 min Scan# 4857
Delta R.T. -0.009 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

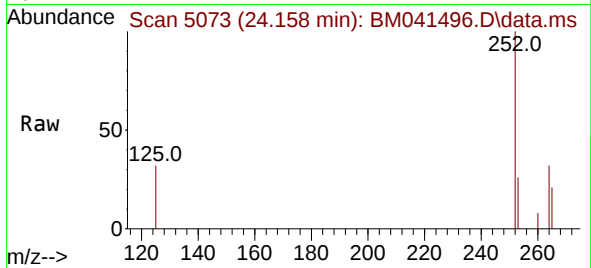
Tgt Ion:252 Resp: 19452
Ion Ratio Lower Upper
252 100
253 26.5 19.1 28.7
125 32.7 13.4 20.0#





#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 24.158 min Scan# 5072
Delta R.T. -0.006 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

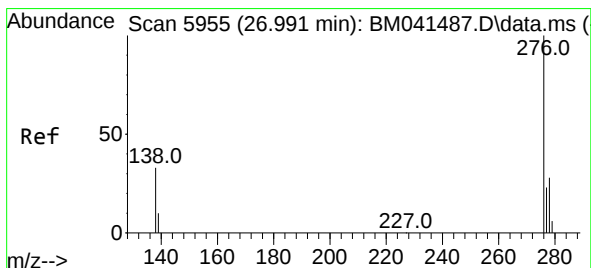
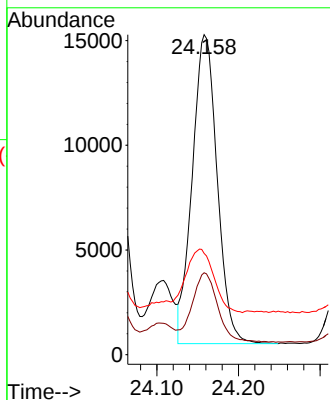
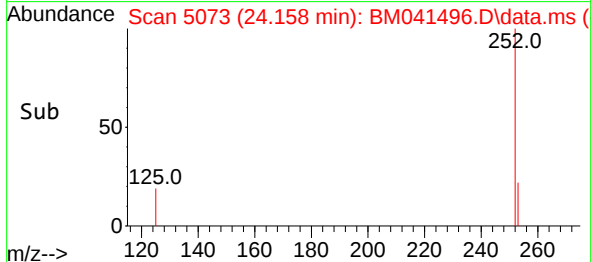
Instrument :
BNA_M
ClientSampleId :
EZYJ5



Tgt Ion:252 Resp: 31310
Ion Ratio Lower Upper
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253 25.6 19.5 29.3
125 31.7 16.0 24.0

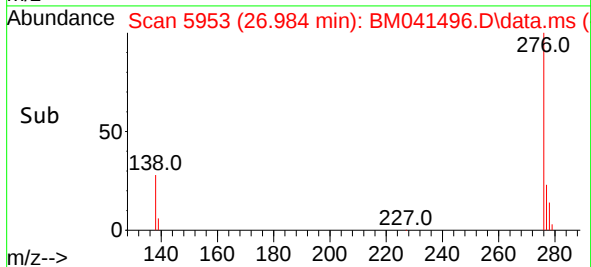
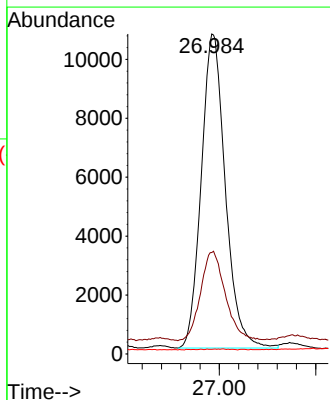
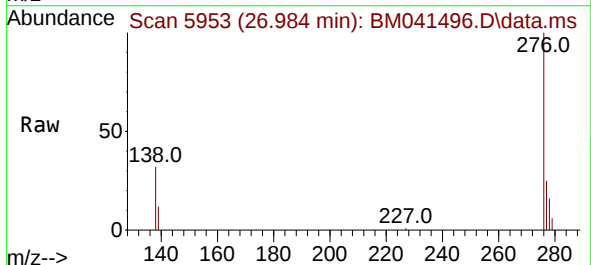
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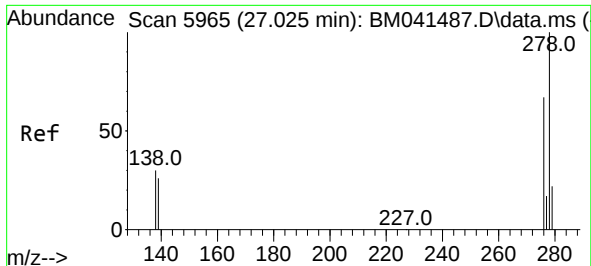
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 26.984 min Scan# 5953
Delta R.T. -0.020 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

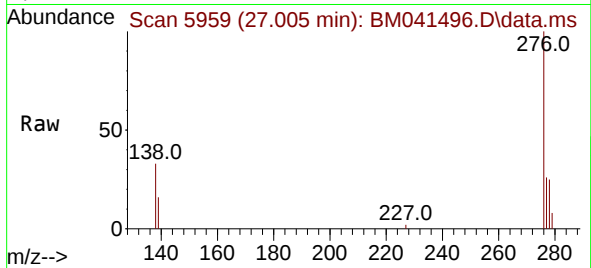
Tgt Ion:276 Resp: 36964
Ion Ratio Lower Upper
276 100
138 29.3 27.8 41.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.096 ng/ul
RT: 27.005 min Scan# 5965
Delta R.T. -0.040 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01

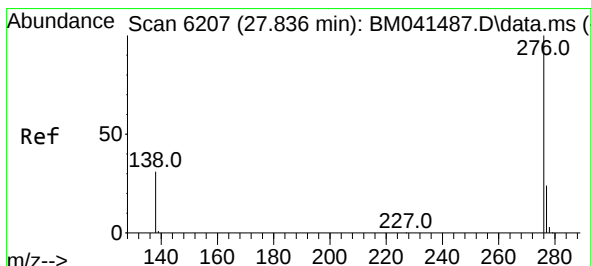
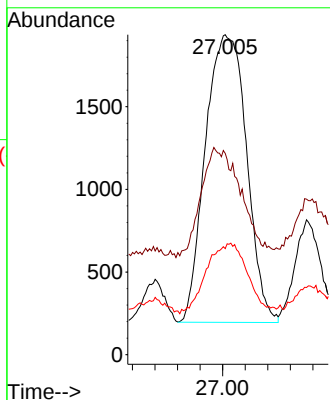
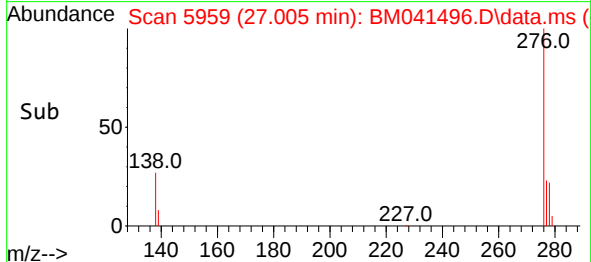
Instrument :
BNA_M
ClientSampleId :
EZYJ5



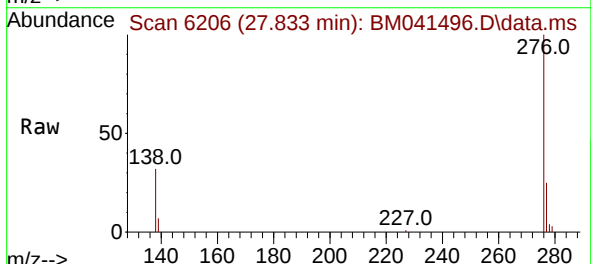
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Ion Ratio Lower Upper
278 100
139 62.9 21.9 32.9
279 33.2 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#29
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 27.833 min Scan# 6206
Delta R.T. -0.020 min
Lab File: BM041496.D
Acq: 25 Aug 2023 16:01



Tgt Ion:276 Resp: 38051
Ion Ratio Lower Upper
276 100
138 32.1 25.9 38.9
277 24.7 19.4 29.2

