

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043287.D
 Acq On : 13 Dec 2023 05:46
 Operator : MA/JU
 Sample : 05686-04MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YCH84MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 13 06:22:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 16:25:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	10166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136	33279	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	18353	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	36959	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	20981	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	20014	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3311	0.258	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	14230	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	28773	0.384	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	9664	0.750	ng/ul#	86
5) Naphthalene	10.856	128	35092	0.351	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	20109	0.311	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	19443	0.300	ng/ul	99
10) Acenaphthylene	14.351	152	32401	0.321	ng/ul	99
11) Acenaphthene	14.689	153	23772	0.323	ng/ul	99
12) Fluorene	15.675	166	27630	0.332	ng/ul	97
14) Pentachlorophenol	17.008	266	4824	0.589	ng/ul	99
15) Phenanthrene	17.409	178	45231	0.367	ng/ul	99
16) Anthracene	17.498	178	40918	0.365	ng/ul	100
19) Fluoranthene	19.413	202	45421	0.384	ng/ul#	92
20) Pyrene	19.775	202	46581	0.396	ng/ul	96
21) Benzo(a)anthracene	21.518	228	36252	0.394	ng/ul	99
22) Chrysene	21.574	228	37141	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	34136	0.376	ng/ul	98
25) Benzo(k)fluoranthene	23.263	252	35580m	0.378	ng/ul	
26) Benzo(a)pyrene	23.842	252	29261	0.390	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.465	276	33840	0.397	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.499	278	27168	0.402	ng/ul	98
29) Benzo(g,h,i)perylene	27.236	276	28344	0.389	ng/ul	98

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

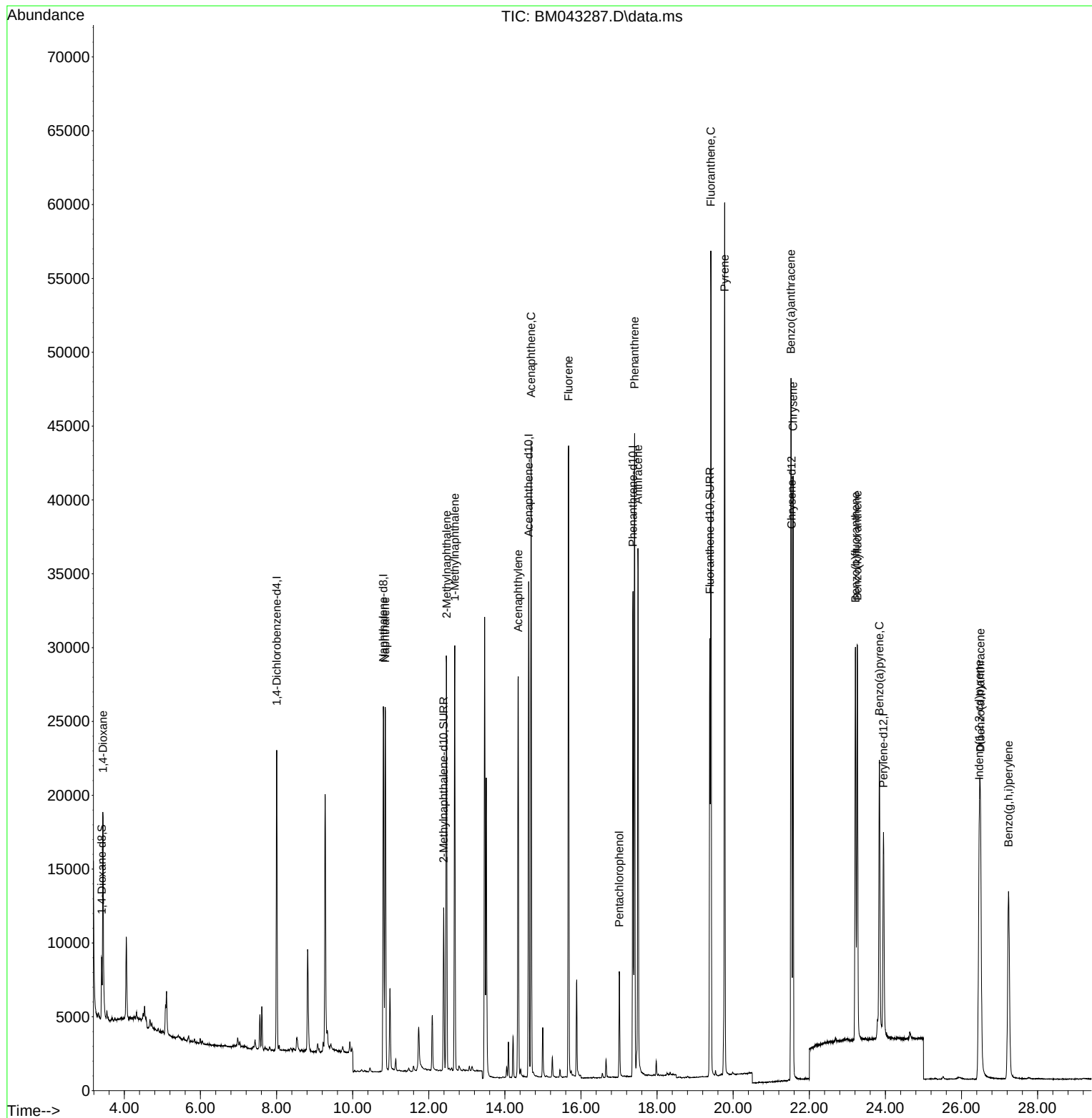
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043287.D
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Operator : MA/JU
Sample : 05686-04MS
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ALS Vial : 62 Sample Multiplier: 1

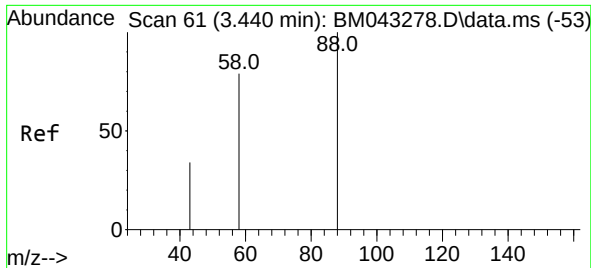
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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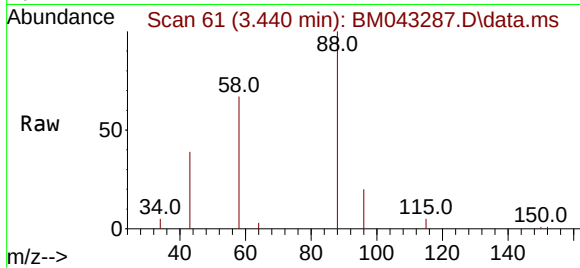
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023





#2
1,4-Dioxane
Concen: 0.750 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

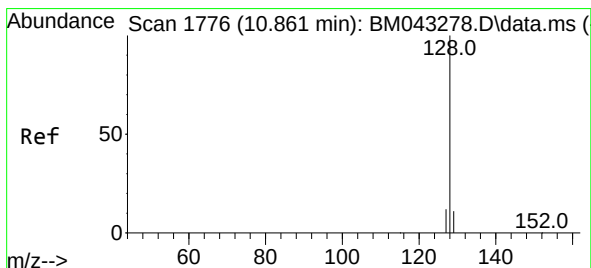
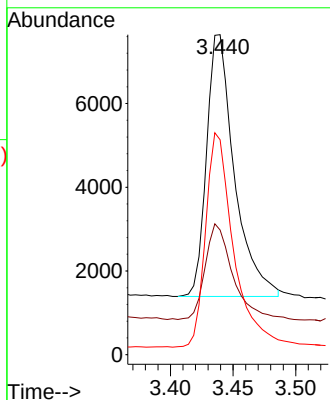
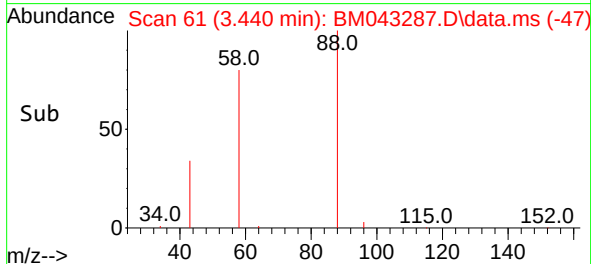
Instrument :
BNA_M
ClientSampleId :
YCH84MS



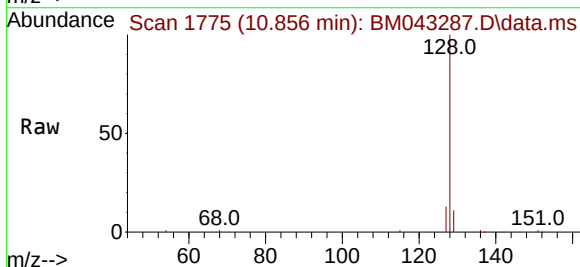
Tgt Ion: 88 Resp: 9664
Ion Ratio Lower Upper
88 100
43 39.0 27.9 41.9
58 67.2 43.4 65.2

Manual Integrations
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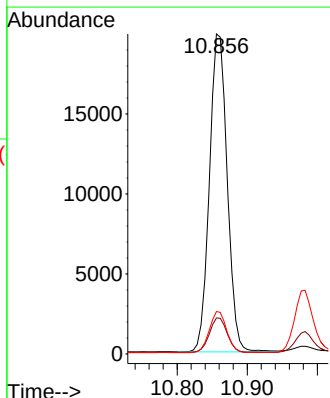
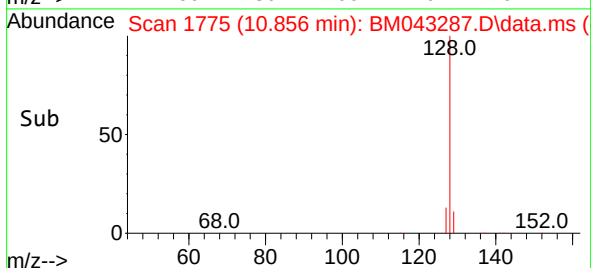
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

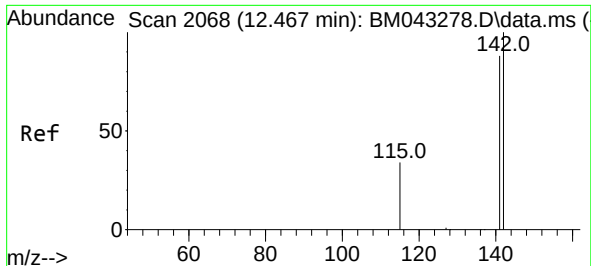


#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.856 min Scan# 1775
Delta R.T. -0.011 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46



Tgt Ion:128 Resp: 35092
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.3 15.5





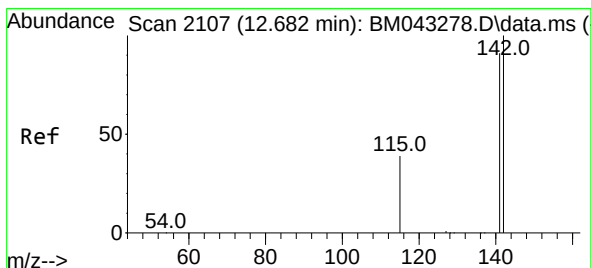
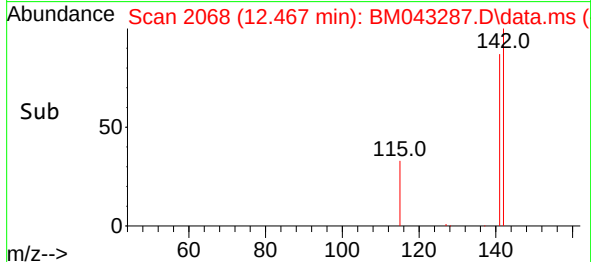
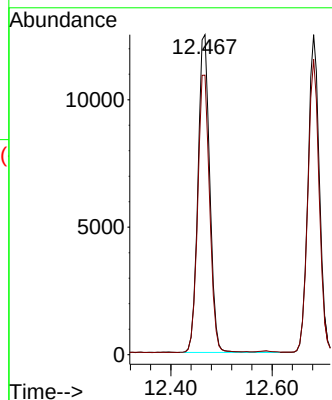
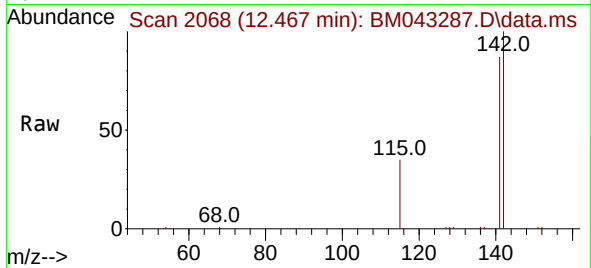
#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 20109
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3

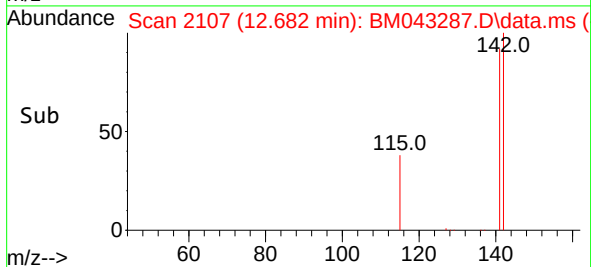
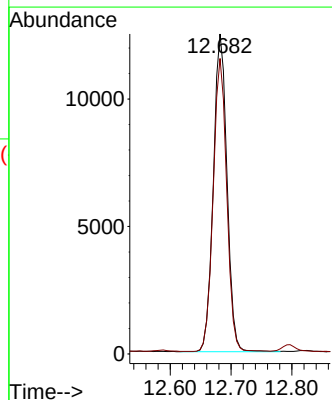
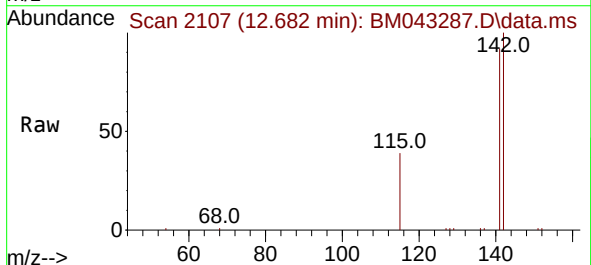
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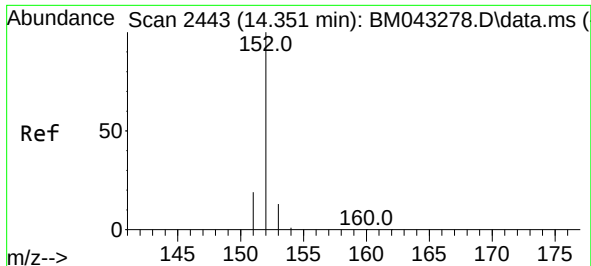
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

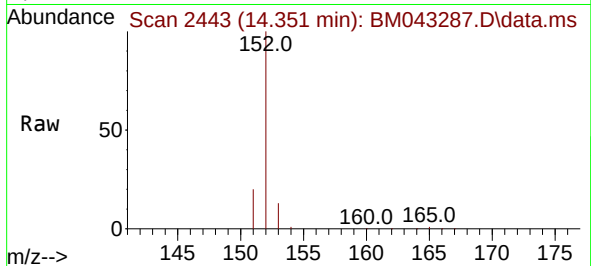
Tgt Ion:142 Resp: 19443
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5





#10
Acenaphthylene
Concen: 0.321 ng/ul
RT: 14.351 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

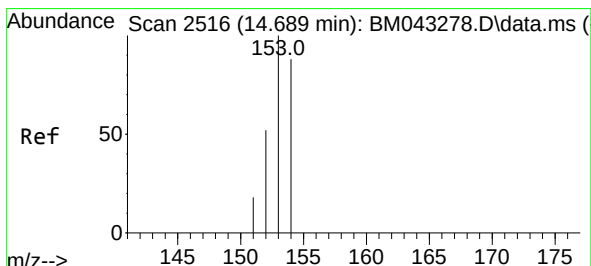
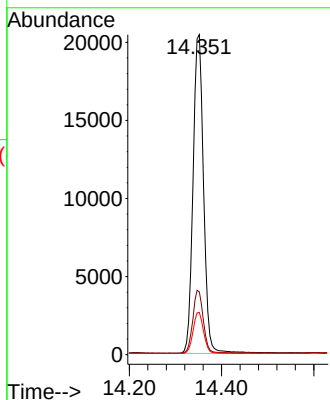
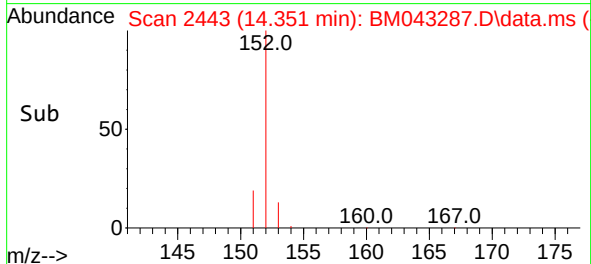
Instrument :
BNA_M
ClientSampleId :
YCH84MS



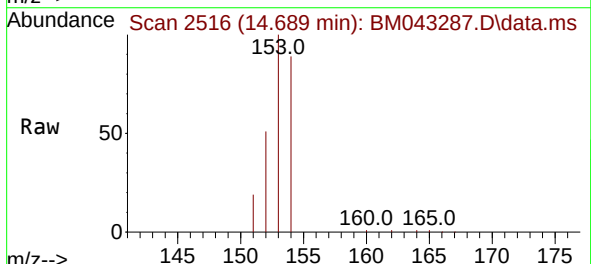
Tgt Ion:152 Resp: 3240
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.2 10.4 15.6

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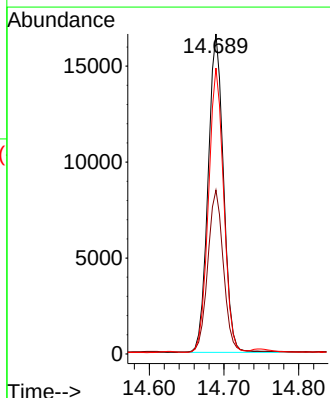
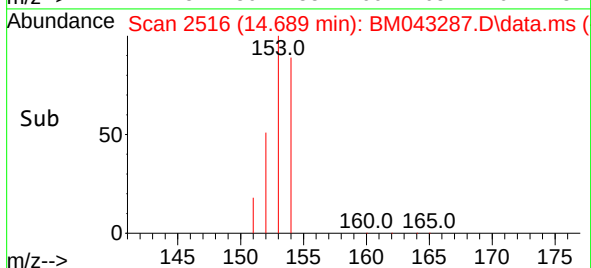
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

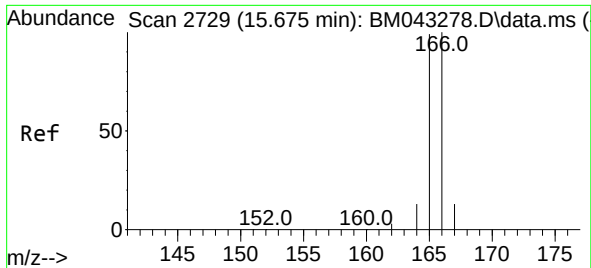


#11
Acenaphthene
Concen: 0.323 ng/ul
RT: 14.689 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46



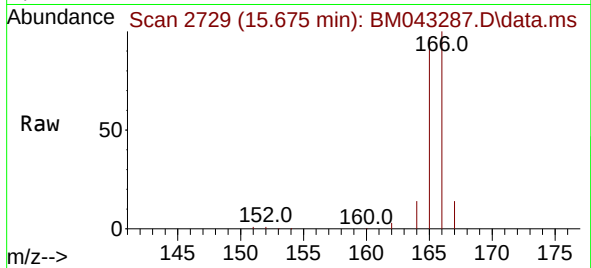
Tgt Ion:153 Resp: 23772
Ion Ratio Lower Upper
153 100
152 51.2 42.1 63.1
154 89.4 71.3 106.9





#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.675 min Scan# 2729
Delta R.T. -0.000 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

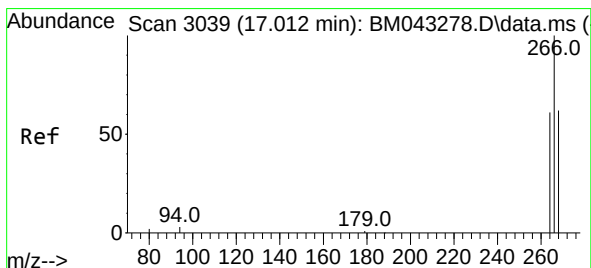
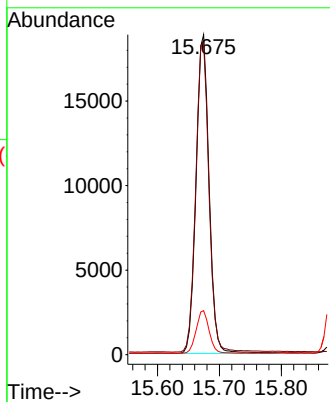
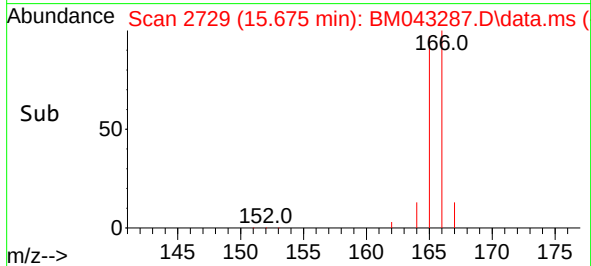
Instrument :
BNA_M
ClientSampleId :
YCH84MS



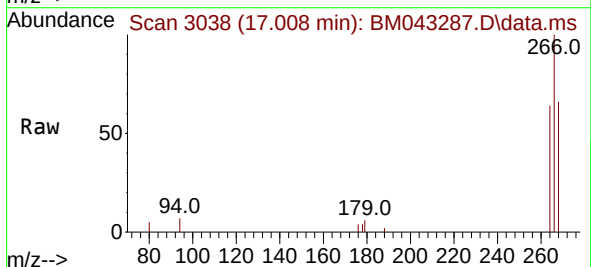
Tgt Ion:166 Resp: 27630
Ion Ratio Lower Upper
166 100
165 97.4 80.3 120.5
167 13.8 10.8 16.2

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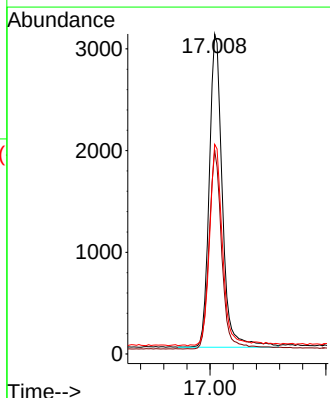
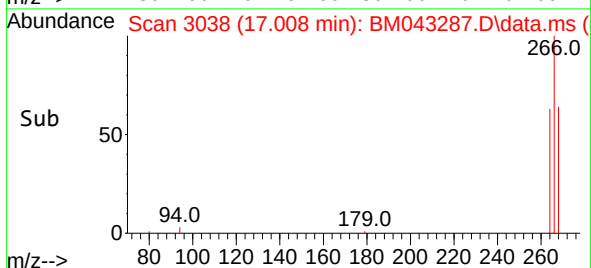
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

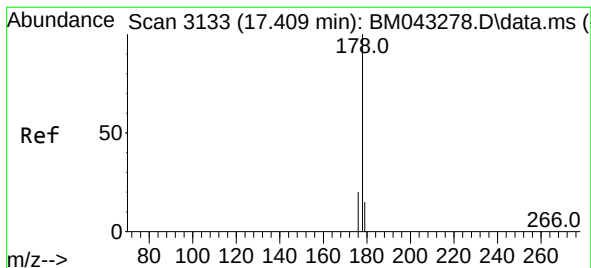


#14
Pentachlorophenol
Concen: 0.589 ng/ul
RT: 17.008 min Scan# 3038
Delta R.T. -0.004 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46



Tgt Ion:266 Resp: 4824
Ion Ratio Lower Upper
266 100
264 62.6 51.7 77.5
268 64.8 51.9 77.9





#15

Phenanthrene

Concen: 0.367 ng/ul

RT: 17.409 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BM043287.D

Acq: 13 Dec 2023 05:46

Instrument :

BNA_M

ClientSampleId :

YCH84MS

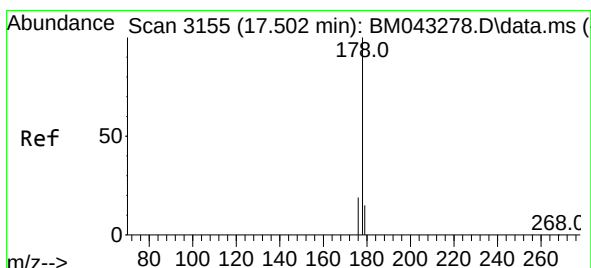
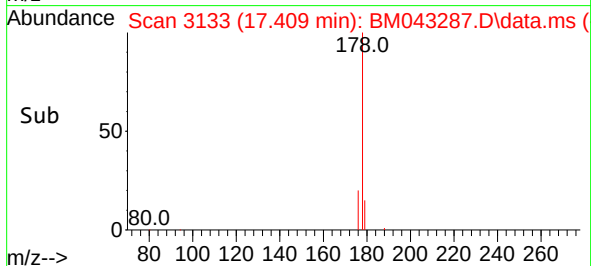
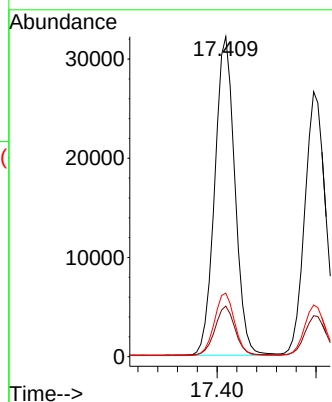
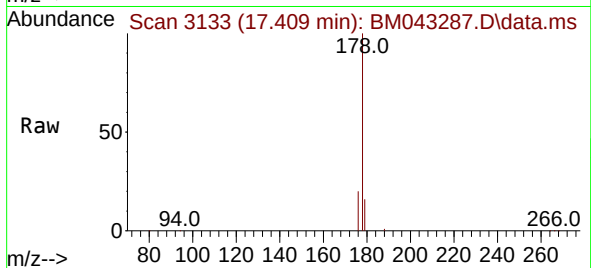
Tgt Ion:	178	Resp:	4523
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.4	18.6
176	19.8	16.2	24.2

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2023



#16

Anthracene

Concen: 0.365 ng/ul

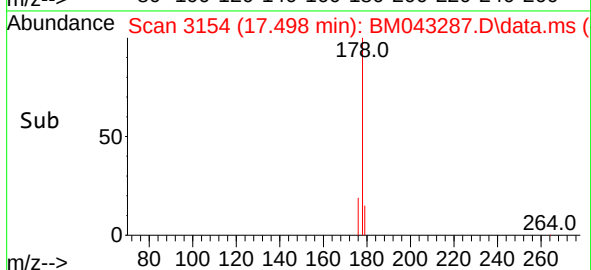
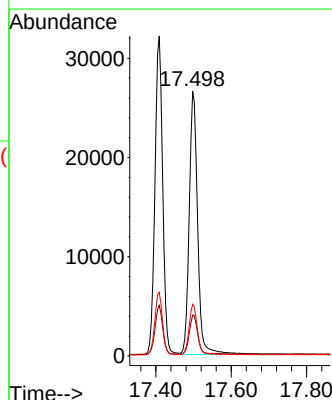
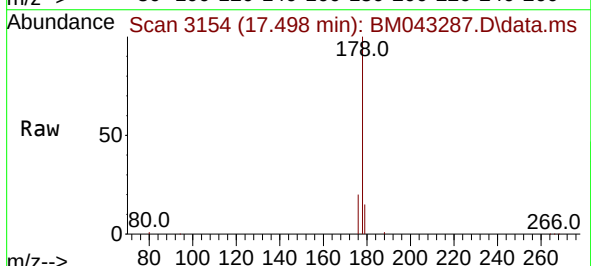
RT: 17.498 min Scan# 3154

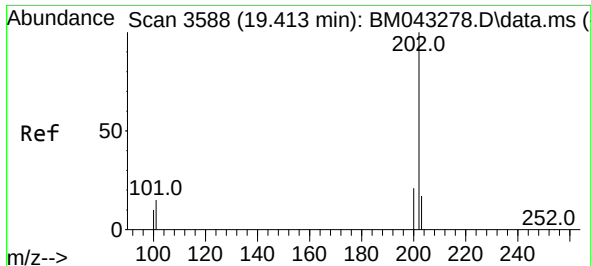
Delta R.T. -0.004 min

Lab File: BM043287.D

Acq: 13 Dec 2023 05:46

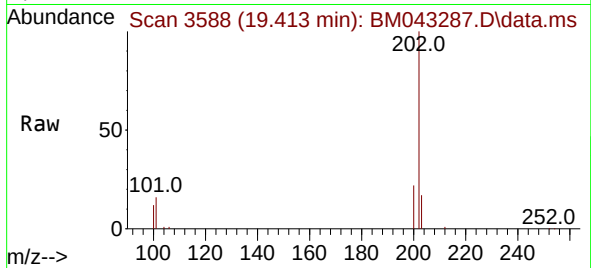
Tgt Ion:	178	Resp:	40918
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	18.8
176	19.5	15.6	23.4





#19
Fluoranthene
Concen: 0.384 ng/u1
RT: 19.413 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

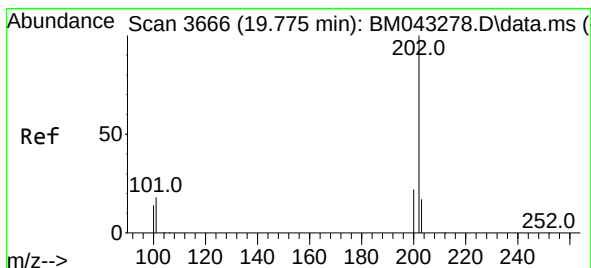
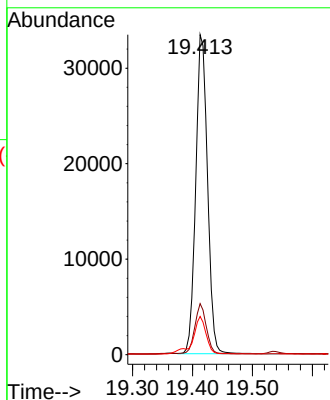
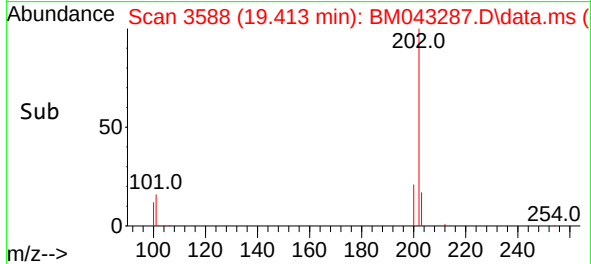
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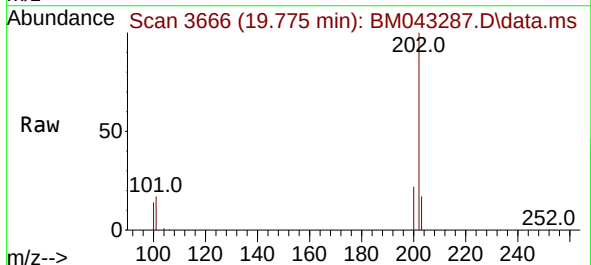
Tgt Ion:202 Resp: 4542
Ion Ratio Lower Upper
202 100
101 15.9 10.1 15.1
100 12.0 7.4 11.2

Manual Integrations
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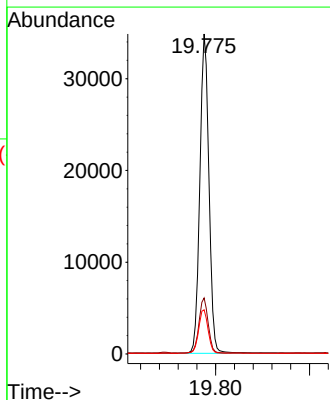
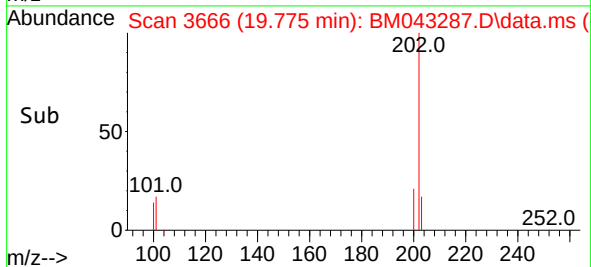
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

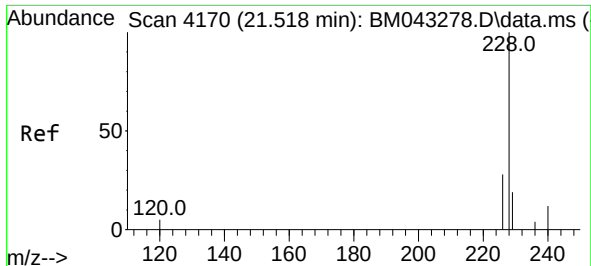


#20
Pyrene
Concen: 0.396 ng/u1
RT: 19.775 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46



Tgt Ion:202 Resp: 46581
Ion Ratio Lower Upper
202 100
101 17.5 12.7 19.1
100 13.8 9.8 14.8





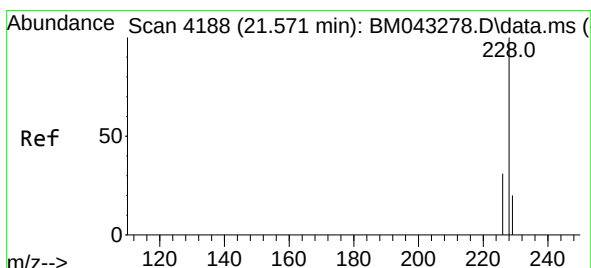
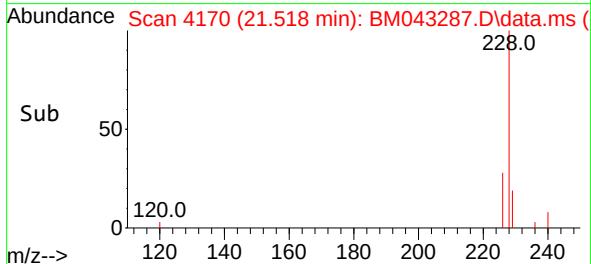
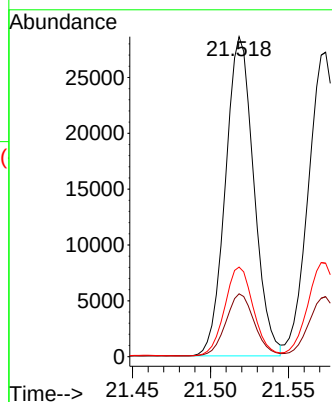
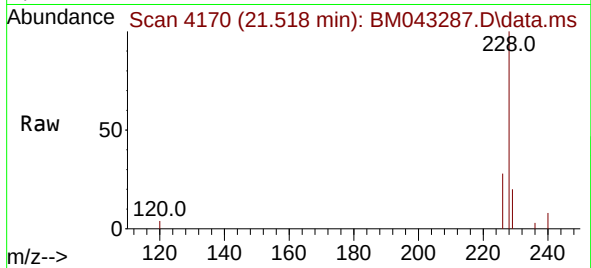
#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

Instrument :
BNA_M
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Tgt Ion:228 Resp: 3625
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 28.0 22.6 34.0

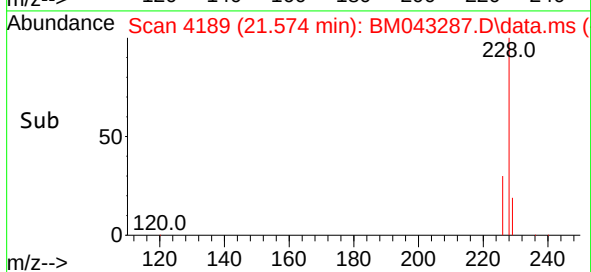
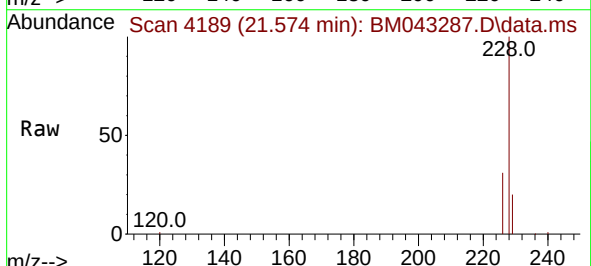
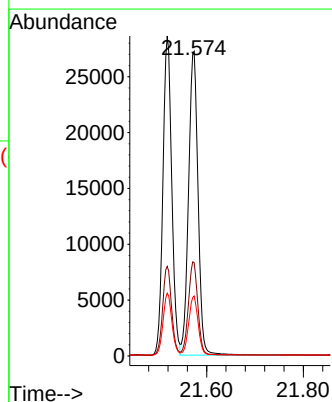
Manual Integrations
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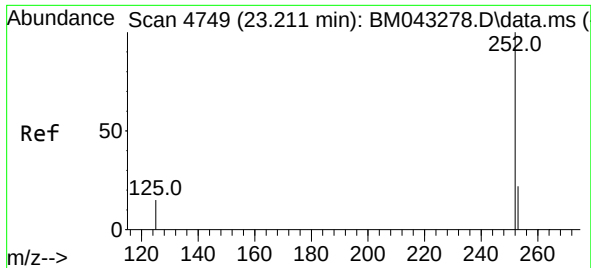
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

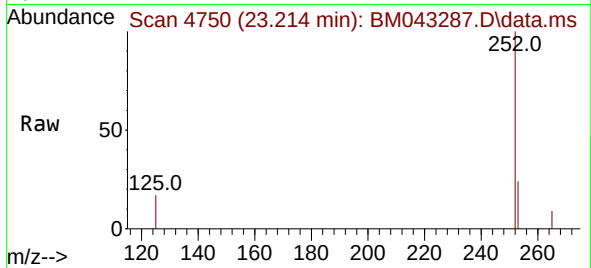
Tgt Ion:228 Resp: 37141
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 19.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.214 min Scan# 4749
Delta R.T. -0.000 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

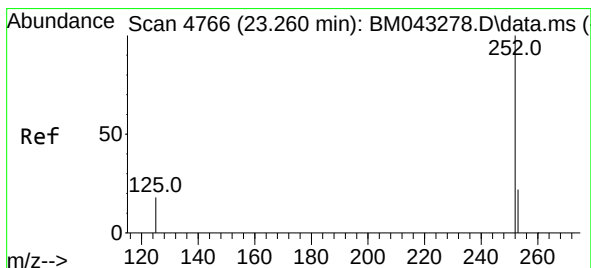
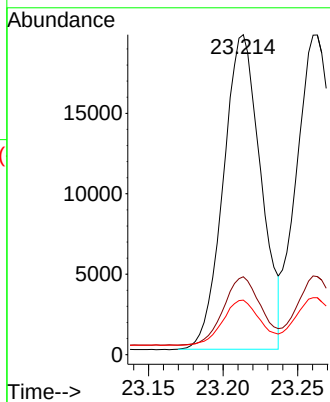
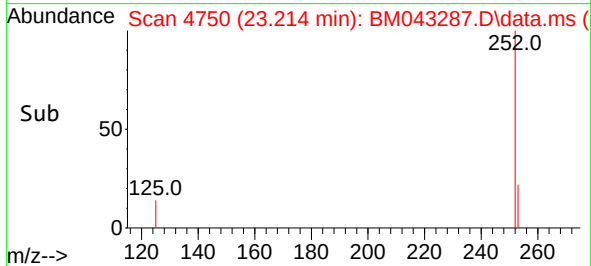
Instrument :
BNA_M
ClientSampleId :
YCH84MS



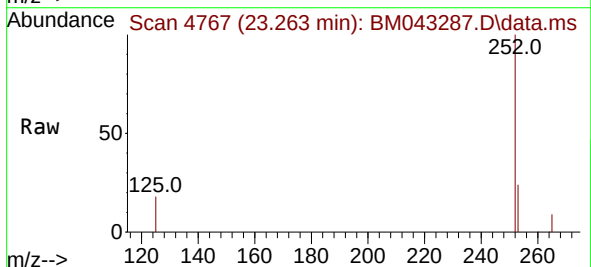
Tgt Ion:252 Resp: 34130
Ion Ratio Lower Upper
252 100
253 24.4 0.0 48.8
125 17.1 0.0 29.2

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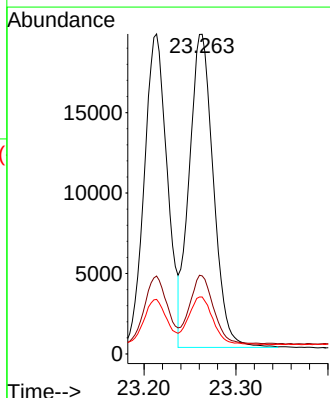
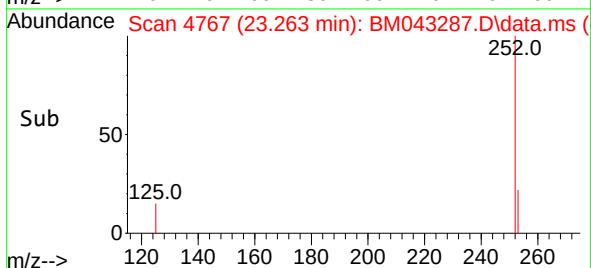
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

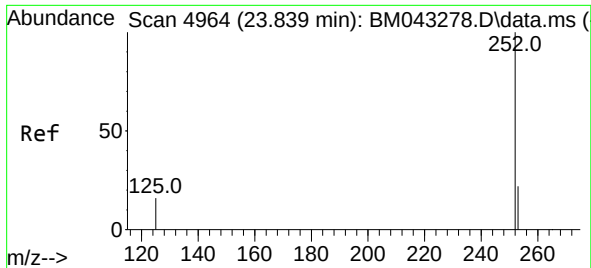


#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul m
RT: 23.263 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46



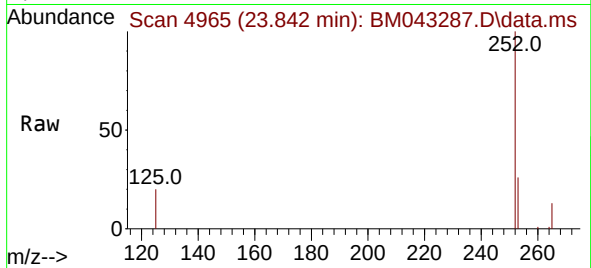
Tgt Ion:252 Resp: 35580
Ion Ratio Lower Upper
252 100
253 24.4 18.6 28.0
125 17.8 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.842 min Scan# 4964
Delta R.T. -0.003 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

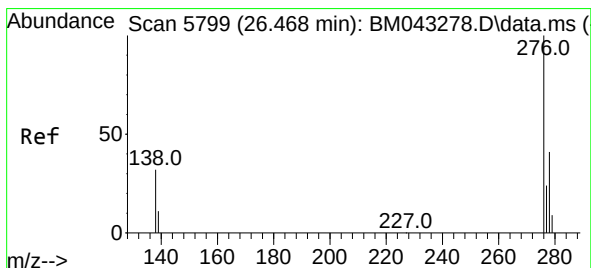
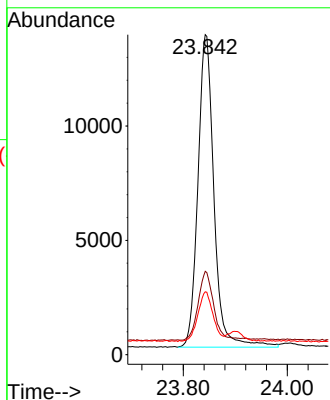
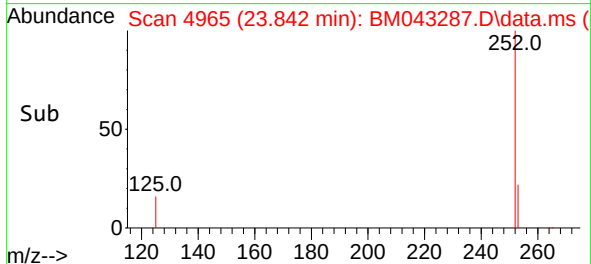
Instrument :
BNA_M
ClientSampleId :
YCH84MS



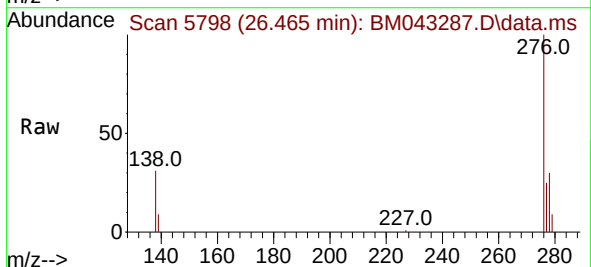
Tgt Ion:252 Resp: 2926
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.2
125 19.7 13.5 20.3

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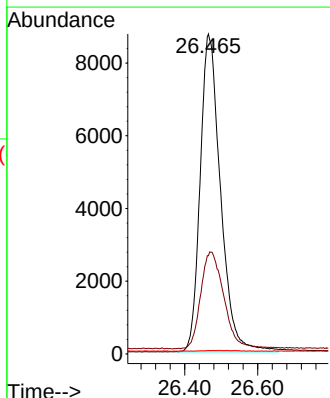
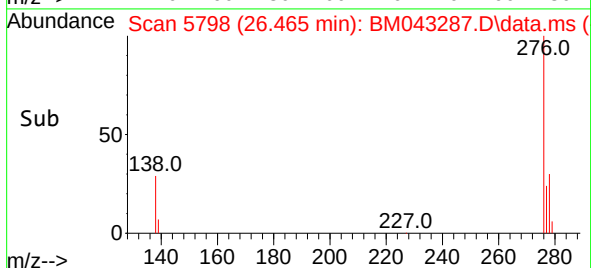
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

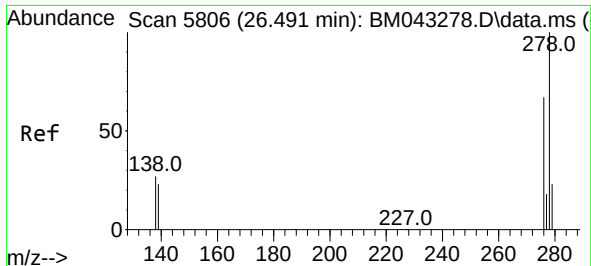


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.006 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46



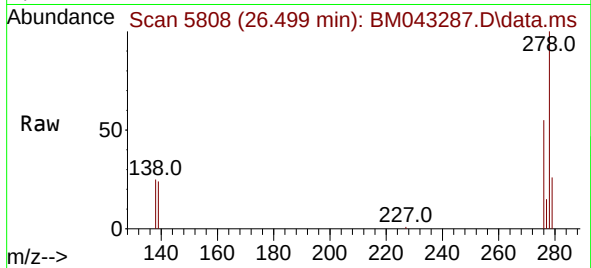
Tgt Ion:276 Resp: 33840
Ion Ratio Lower Upper
276 100
138 34.7 24.6 36.8
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.499 min Scan# 5806
Delta R.T. -0.003 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46

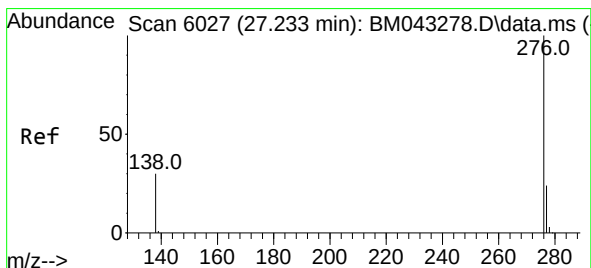
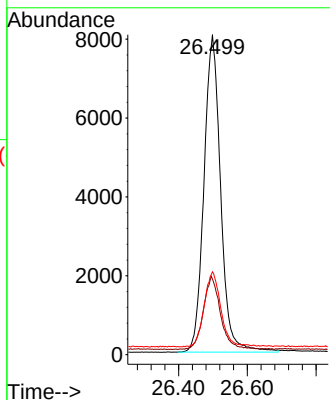
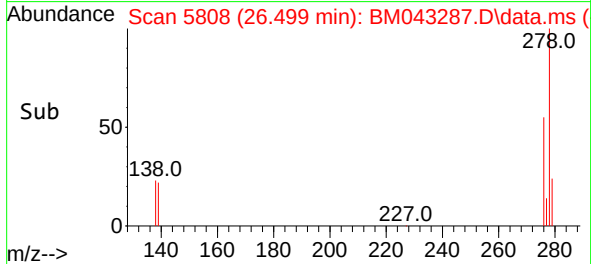
Instrument :
BNA_M
ClientSampleId :
YCH84MS



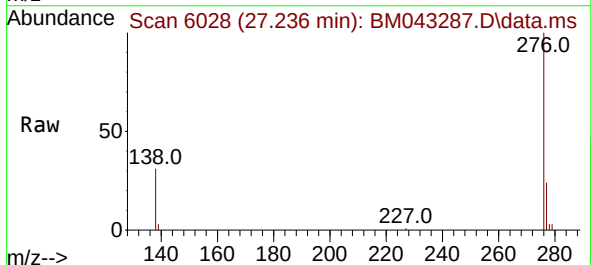
Tgt Ion:278 Resp: 2716
Ion Ratio Lower Upper
278 100
139 23.7 17.4 26.2
279 25.9 20.9 31.3

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Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 27.236 min Scan# 6028
Delta R.T. -0.003 min
Lab File: BM043287.D
Acq: 13 Dec 2023 05:46



Tgt Ion:276 Resp: 28344
Ion Ratio Lower Upper
276 100
138 31.0 23.1 34.7
277 24.4 19.4 29.0

