

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043293.D
 Acq On : 13 Dec 2023 09:22
 Operator : MA/JU
 Sample : PB157723BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS723

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 09:57:07 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	9353	0.400	ng/ul	0.00
4) Naphthalene-d8	10.807	136	29989	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	16451	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	32633	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.536	240	17681	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	16702	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	7940	0.672	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	15569	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	24313	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	25114	2.119	ng/ul#	83
5) Naphthalene	10.856	128	33209	0.368	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	21277	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.682	142	20661	0.354	ng/ul	99
10) Acenaphthylene	14.347	152	32632	0.360	ng/ul	100
11) Acenaphthene	14.689	153	24027	0.365	ng/ul	99
12) Fluorene	15.675	166	26349	0.353	ng/ul	98
14) Pentachlorophenol	17.008	266	5686	0.786	ng/ul	98
15) Phenanthrene	17.409	178	40388	0.371	ng/ul	100
16) Anthracene	17.497	178	36489	0.369	ng/ul	99
19) Fluoranthene	19.417	202	39180	0.393	ng/ul	95
20) Pyrene	19.775	202	39185	0.396	ng/ul	95
21) Benzo(a)anthracene	21.518	228	31045	0.400	ng/ul	100
22) Chrysene	21.571	228	32065	0.391	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	29266	0.386	ng/ul	97
25) Benzo(k)fluoranthene	23.263	252	31002m	0.394	ng/ul	
26) Benzo(a)pyrene	23.842	252	24767	0.396	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.468	276	29311	0.412	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.498	278	23422	0.415	ng/ul	96
29) Benzo(g,h,i)perylene	27.236	276	24743	0.407	ng/ul	97

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

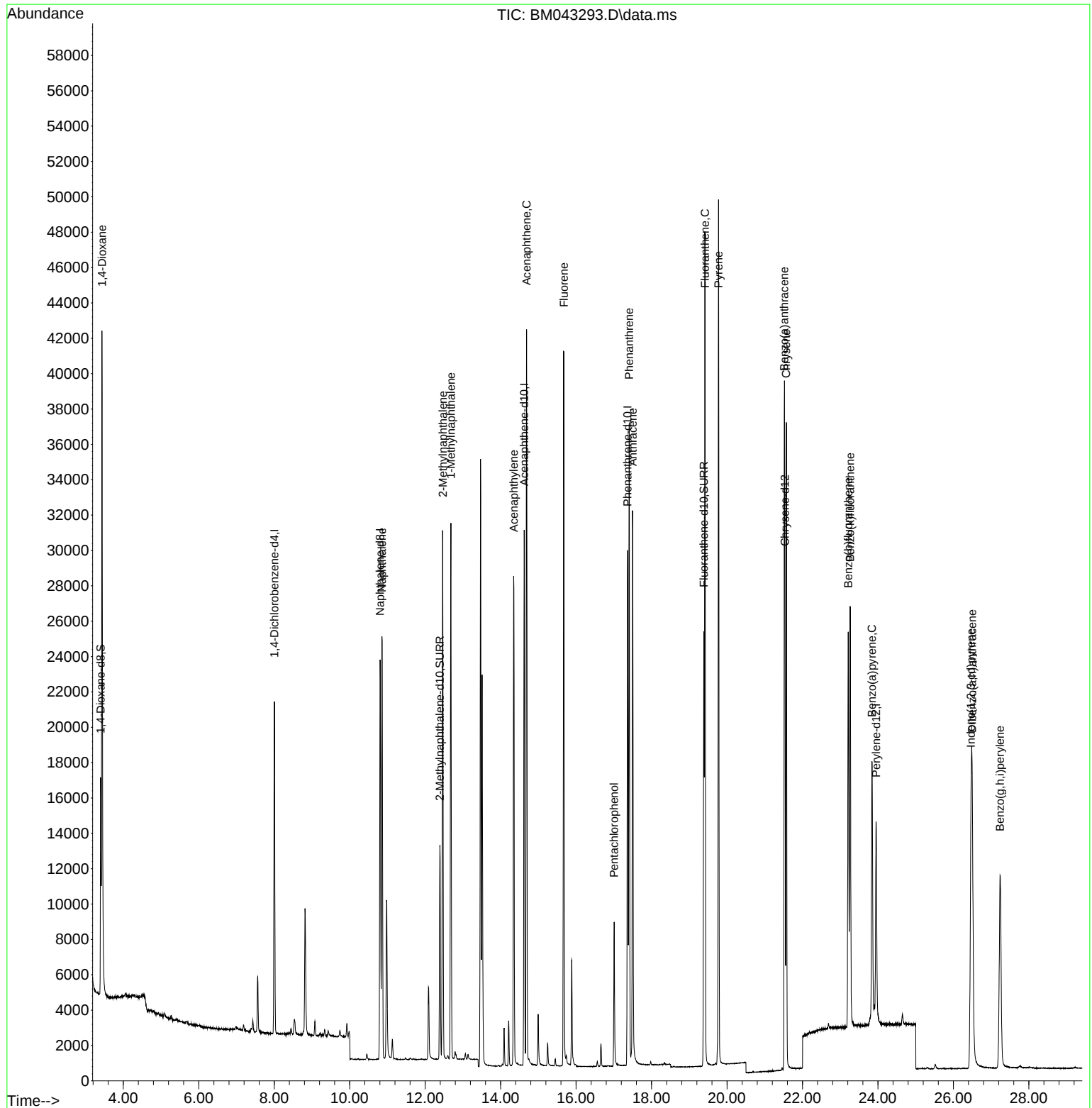
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043293.D
Acq On : 13 Dec 2023 09:22
Operator : MA/JU
Sample : PB157723BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

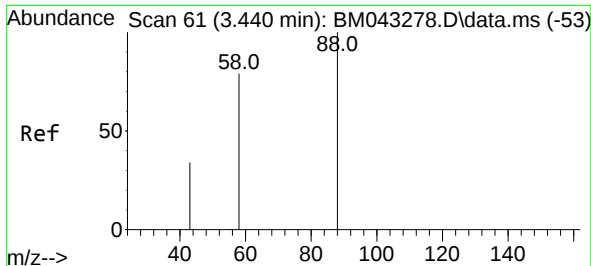
Instrument :
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Supervised By :mohammad ahmed 12/14/2023

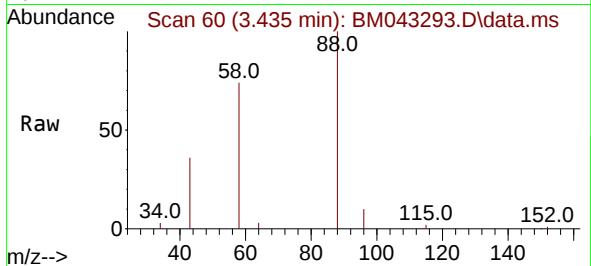
Quant Time: Dec 13 09:57:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.119 ng/ul
RT: 3.435 min Scan# 60
Delta R.T. -0.004 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

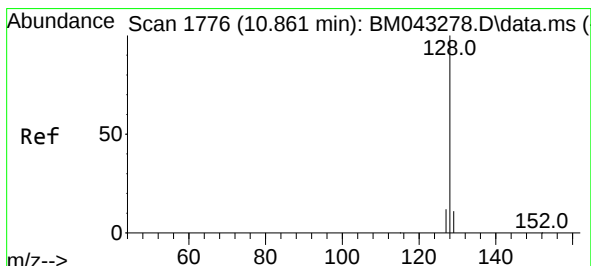
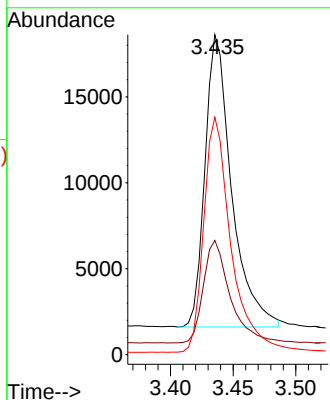
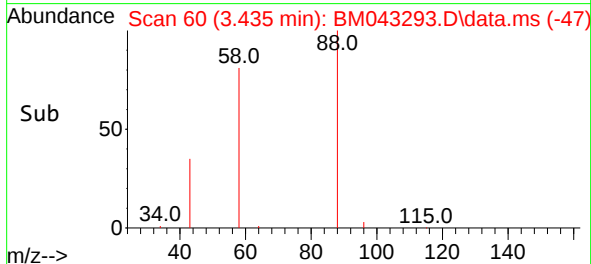
Instrument :
BNA_M
ClientSampleId :
SLCS723



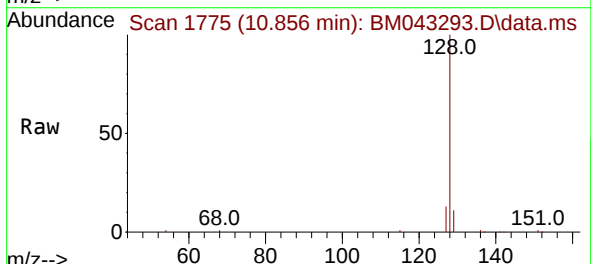
Tgt Ion: 88 Resp: 25114
Ion Ratio Lower Upper
88 100
43 35.7 27.9 41.9
58 74.2 43.4 65.2

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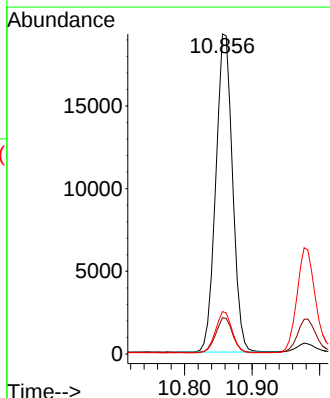
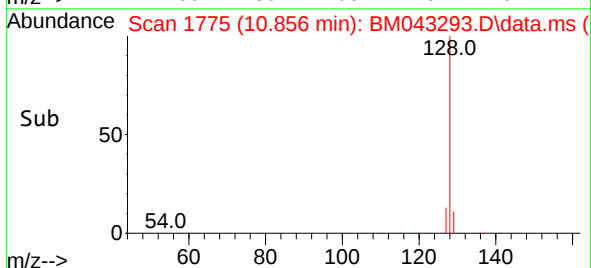
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

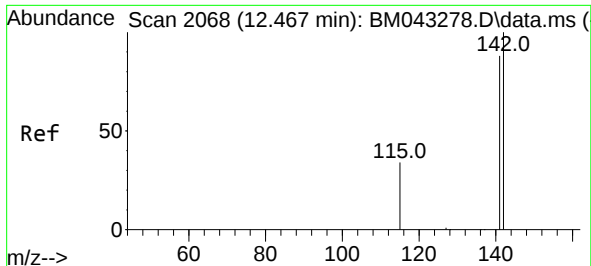


#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.856 min Scan# 1775
Delta R.T. -0.011 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22



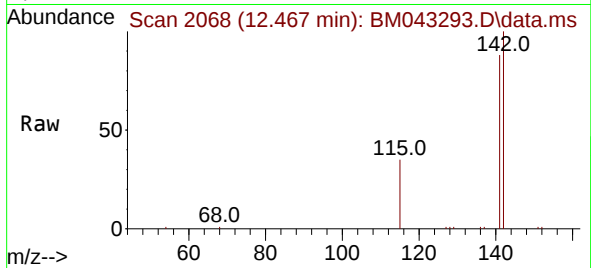
Tgt Ion:128 Resp: 33209
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.3 15.5





#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

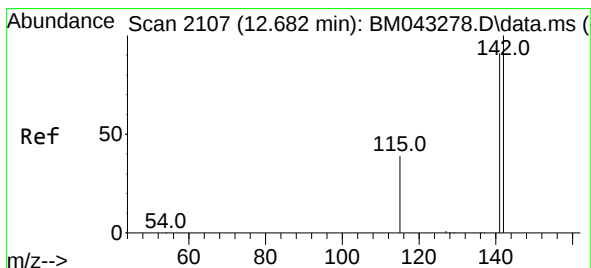
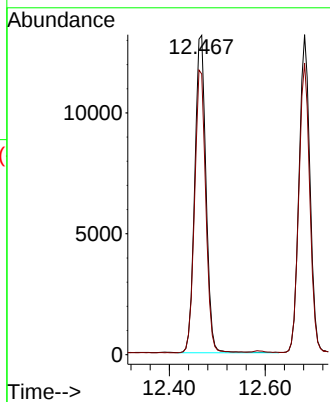
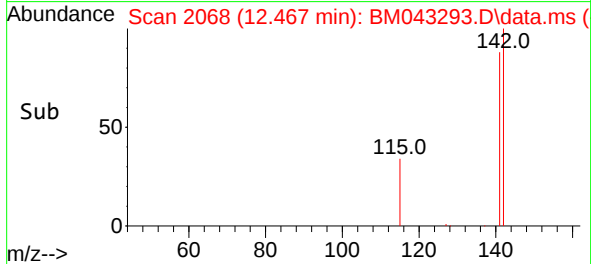
Instrument :
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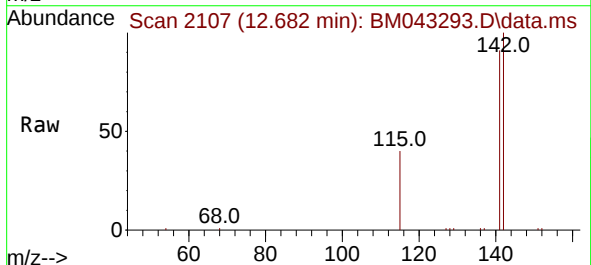
Tgt Ion:142 Resp: 2127
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3

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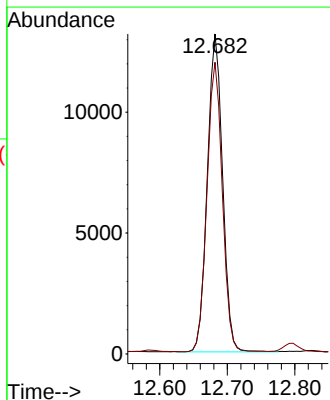
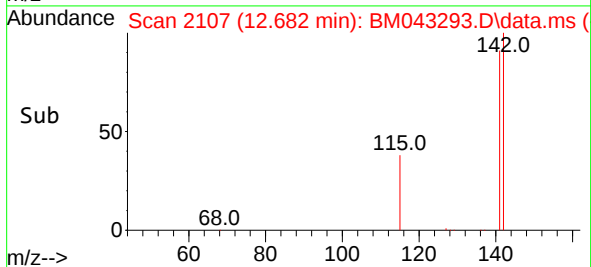
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

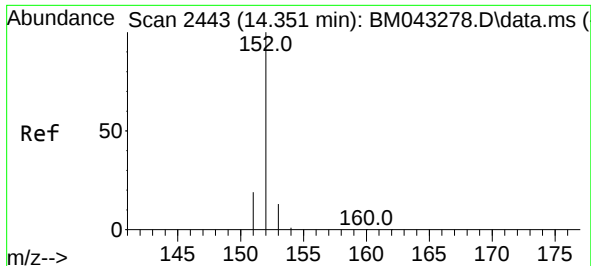


#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.682 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22



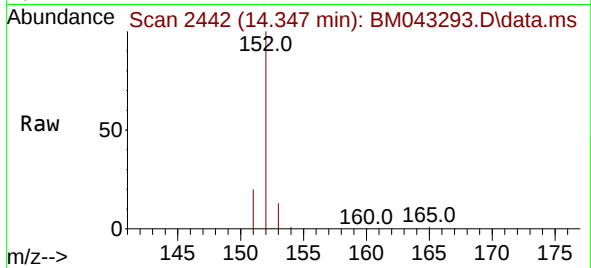
Tgt Ion:142 Resp: 20661
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5





#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

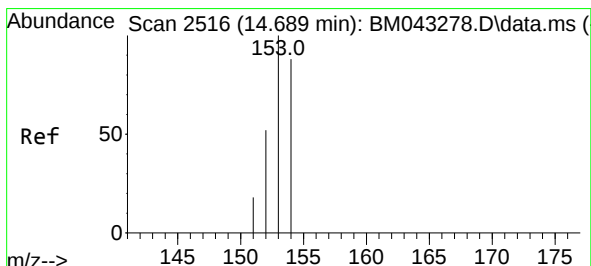
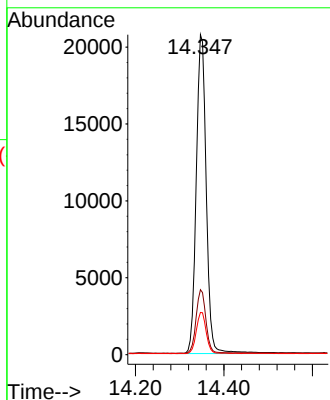
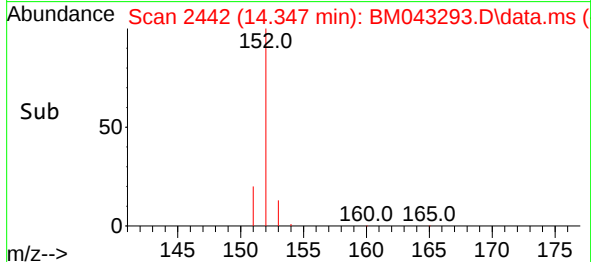
Instrument :
BNA_M
ClientSampleId :
SLCS723



Tgt Ion:152 Resp: 3263
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.4 15.6

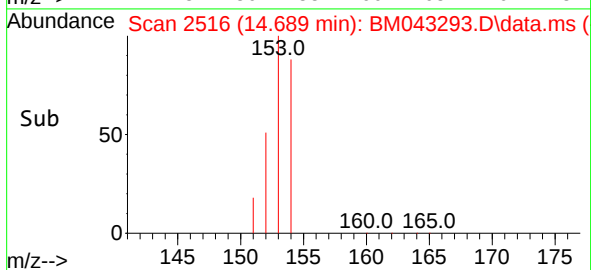
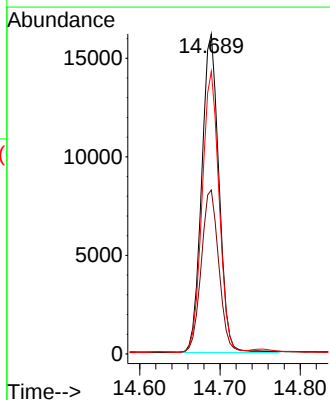
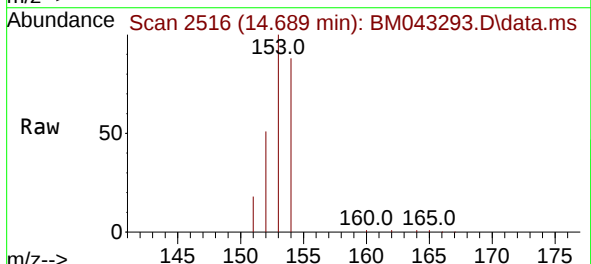
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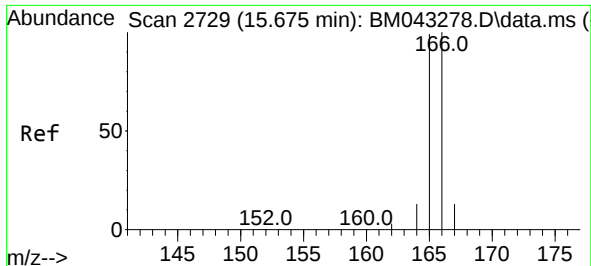
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.689 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

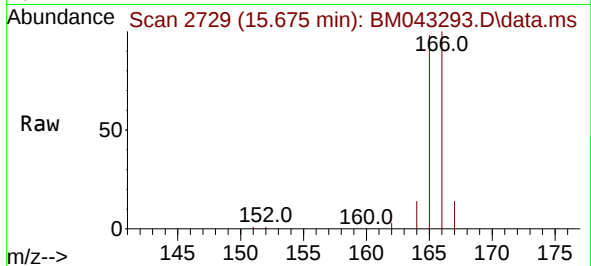
Tgt Ion:153 Resp: 24027
Ion Ratio Lower Upper
153 100
152 51.3 42.1 63.1
154 88.3 71.3 106.9





#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.675 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

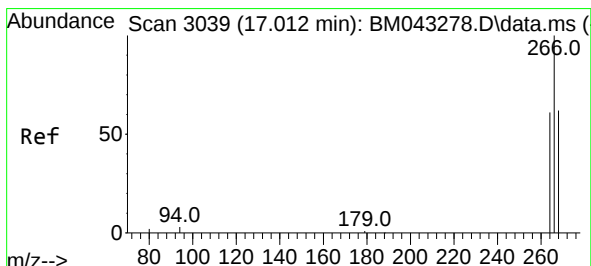
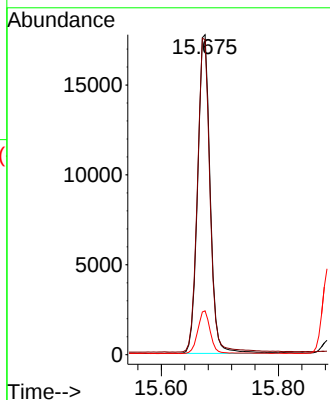
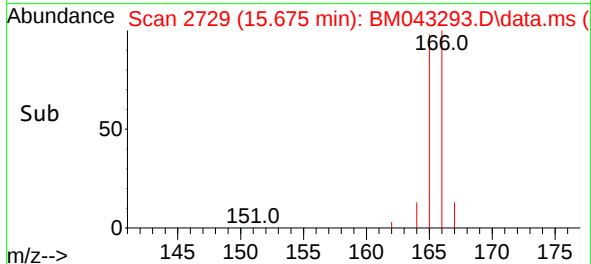
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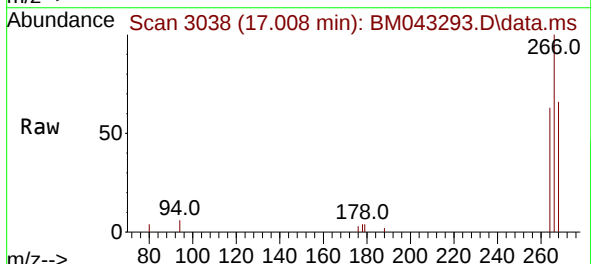
Tgt Ion:166 Resp: 26349
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 13.7 10.8 16.2

Manual Integrations
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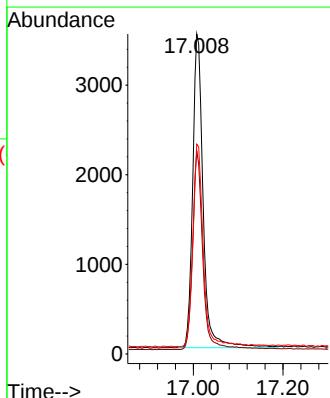
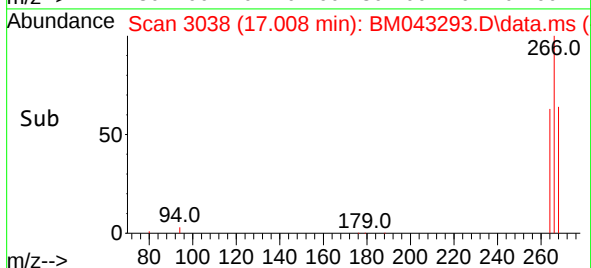
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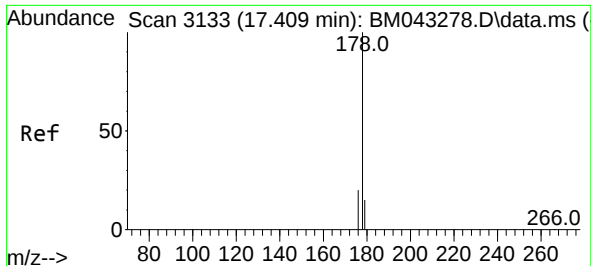


#14
Pentachlorophenol
Concen: 0.786 ng/ul
RT: 17.008 min Scan# 3038
Delta R.T. -0.004 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22



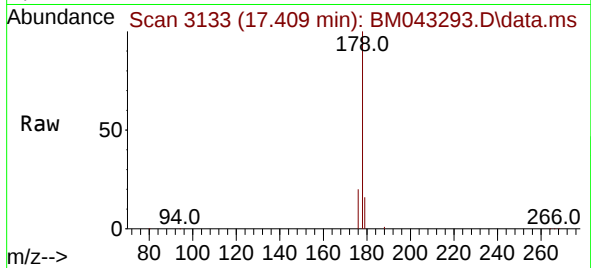
Tgt Ion:266 Resp: 5686
Ion Ratio Lower Upper
266 100
264 62.1 51.7 77.5
268 64.3 51.9 77.9





#15
Phenanthrene
Concen: 0.371 ng/u1
RT: 17.409 min Scan# 3133
Delta R.T. -0.000 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

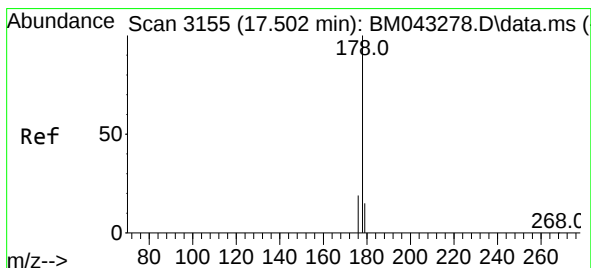
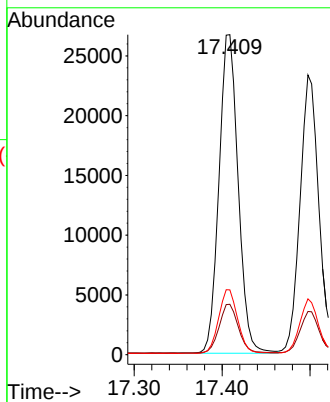
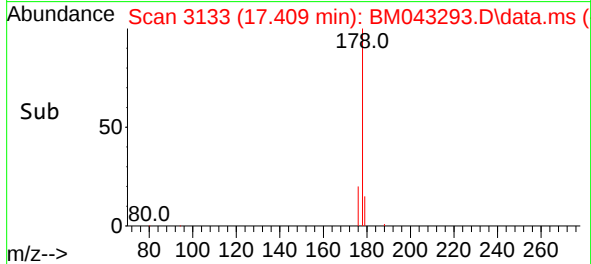
Instrument :
BNA_M
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SLCS723



Tgt Ion:178 Resp: 40388
Ion Ratio Lower Upper
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179 15.8 12.4 18.6
176 20.3 16.2 24.2

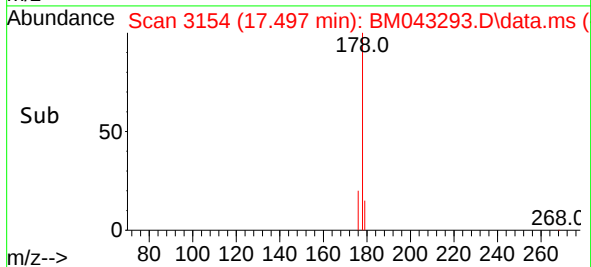
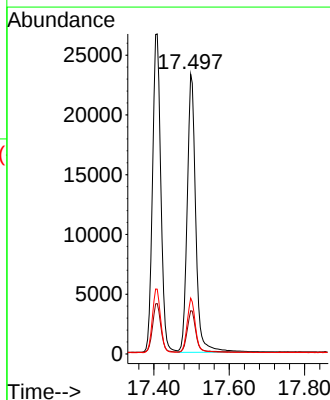
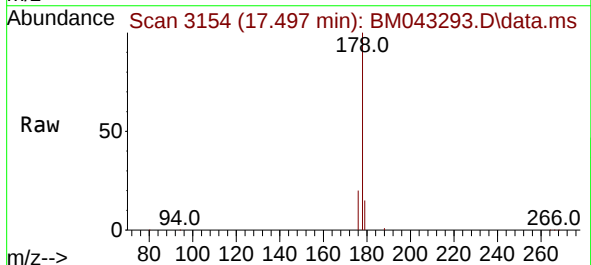
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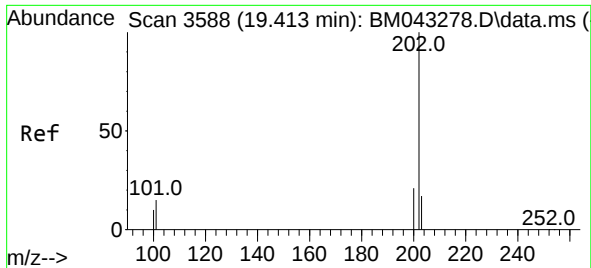
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#16
Anthracene
Concen: 0.369 ng/u1
RT: 17.497 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

Tgt Ion:178 Resp: 36489
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.9 15.6 23.4





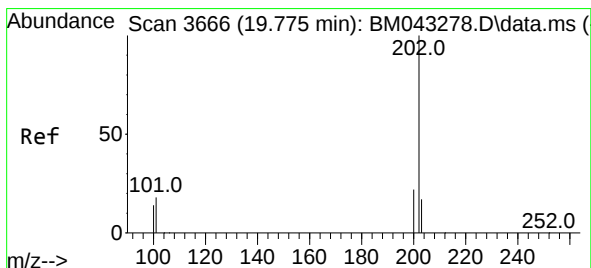
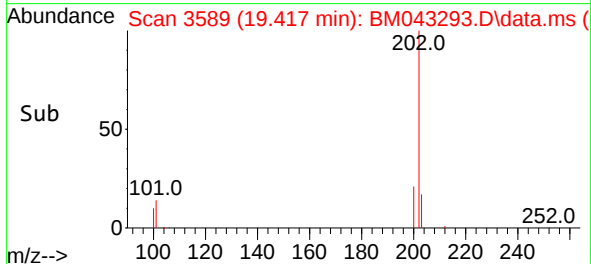
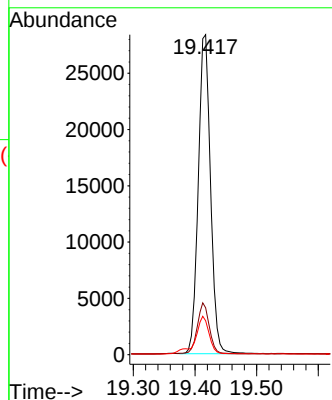
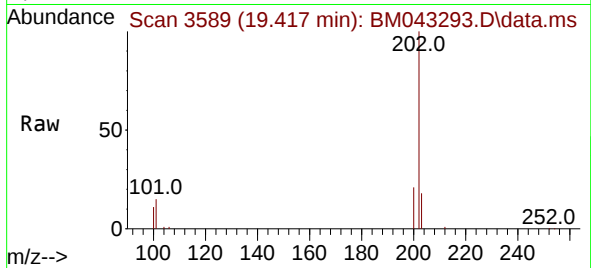
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Fluoranthene
Concen: 0.393 ng/u1
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

Instrument :
BNA_M
ClientSampleId :
SLCS723

Tgt Ion:202 Resp: 39180
Ion Ratio Lower Upper
202 100
101 14.7 10.1 15.1
100 10.6 7.4 11.2

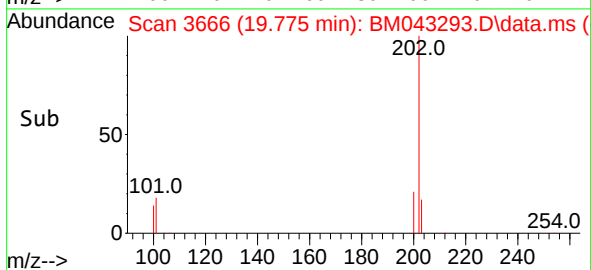
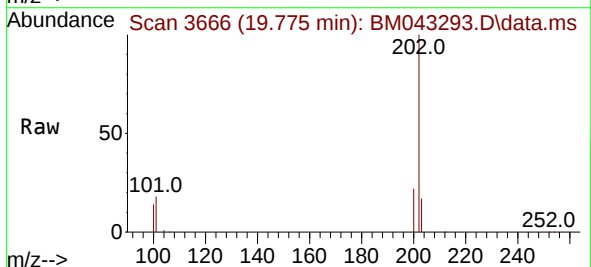
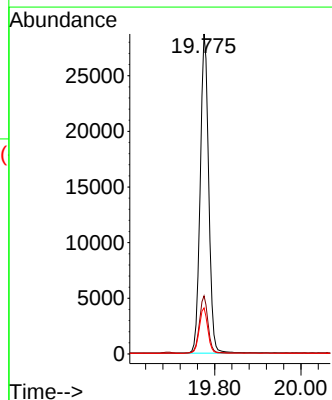
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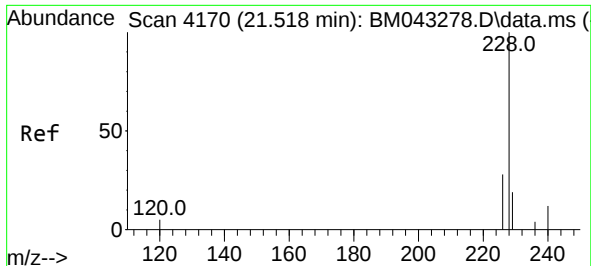
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#20
Pyrene
Concen: 0.396 ng/u1
RT: 19.775 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

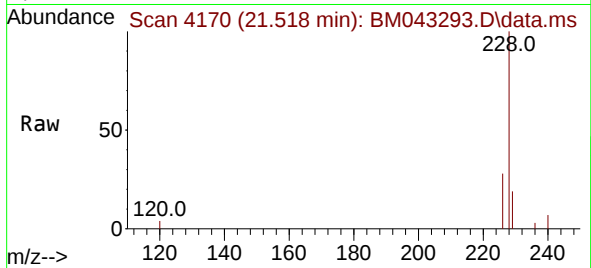
Tgt Ion:202 Resp: 39185
Ion Ratio Lower Upper
202 100
101 18.1 12.7 19.1
100 14.4 9.8 14.8





#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

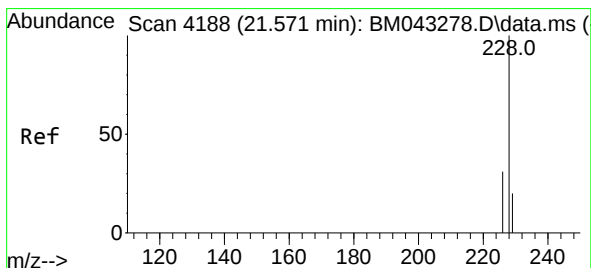
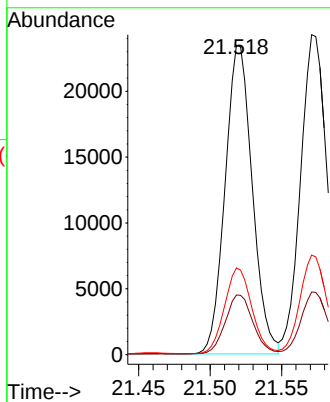
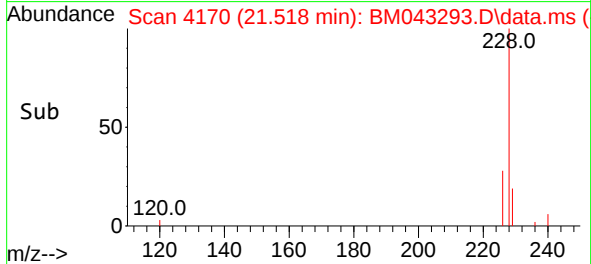
Instrument :
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Tgt Ion:228 Resp: 31045
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 28.0 22.6 34.0

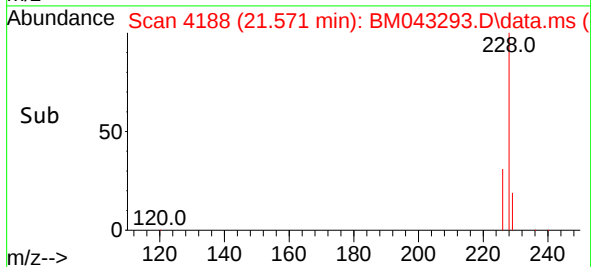
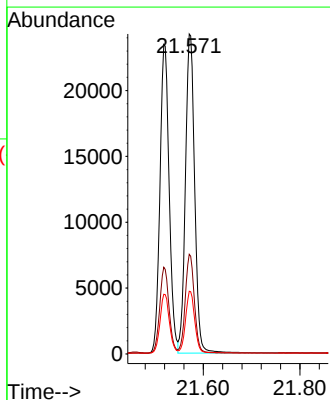
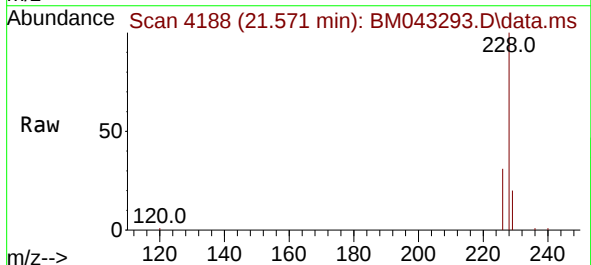
Manual Integrations
APPROVED

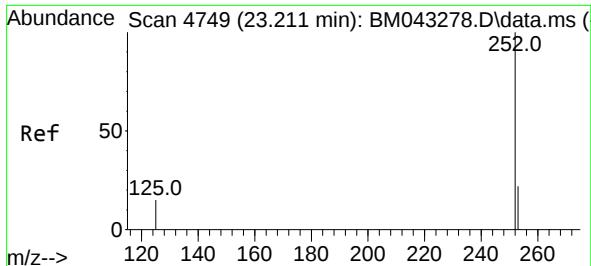
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

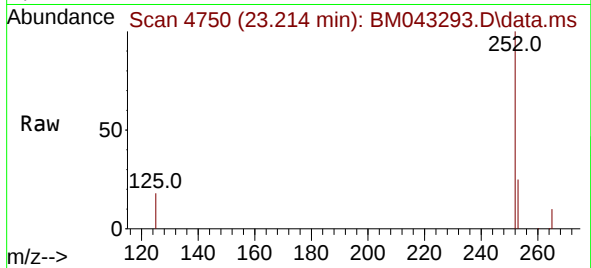
Tgt Ion:228 Resp: 32065
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 19.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.214 min Scan# 4749
Delta R.T. -0.000 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

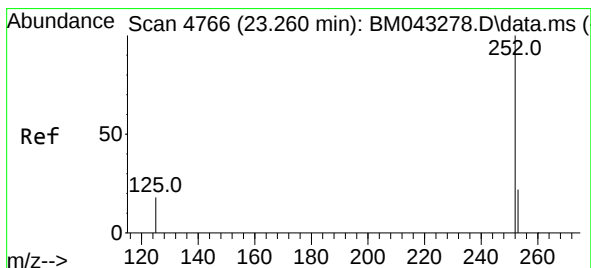
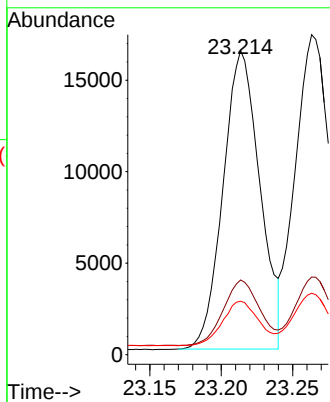
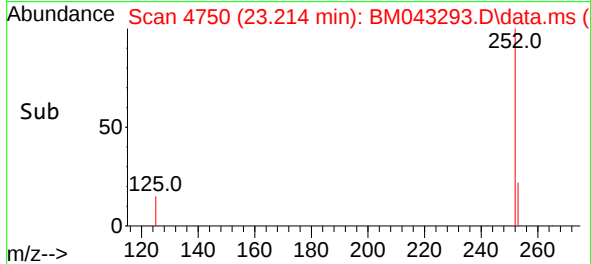
Instrument :
BNA_M
ClientSampleId :
SLCS723



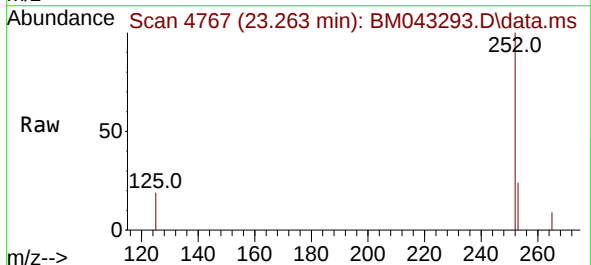
Tgt Ion:252 Resp: 29260
Ion Ratio Lower Upper
252 100
253 24.6 0.0 48.8
125 17.6 0.0 29.2

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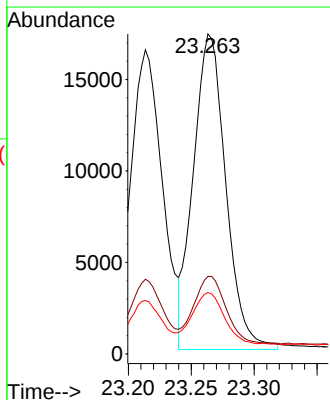
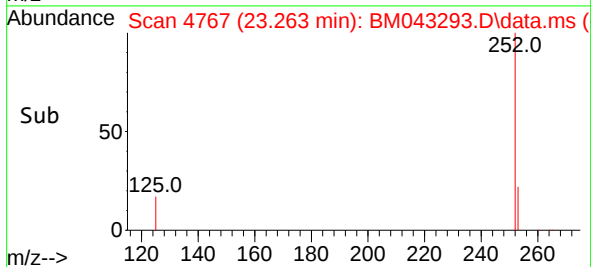
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

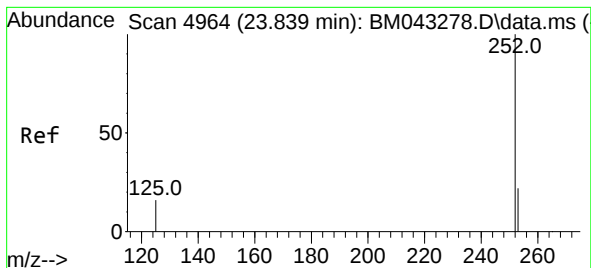


#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul m
RT: 23.263 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22



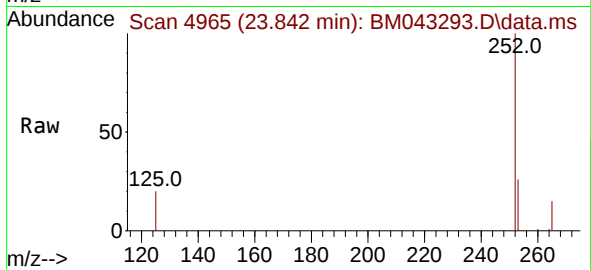
Tgt Ion:252 Resp: 31002
Ion Ratio Lower Upper
252 100
253 24.3 18.6 28.0
125 19.2 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.842 min Scan# 4965
Delta R.T. -0.003 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

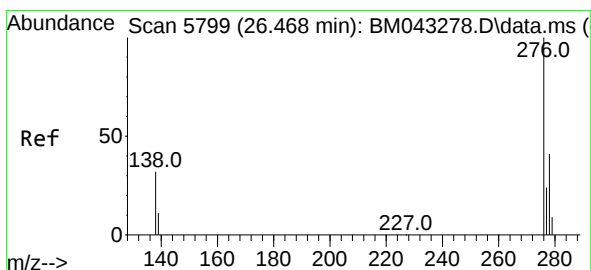
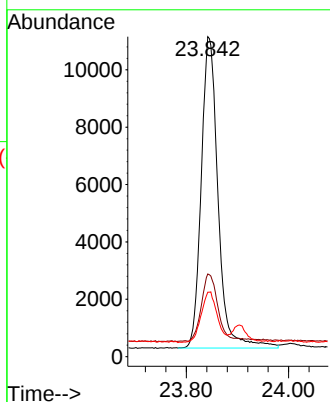
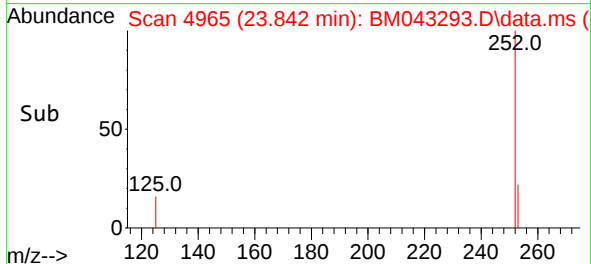
Instrument :
BNA_M
ClientSampleId :
SLCS723



Tgt Ion:252 Resp: 2476
Ion Ratio Lower Upper
252 100
253 25.8 20.2 30.2
125 20.1 13.5 20.3

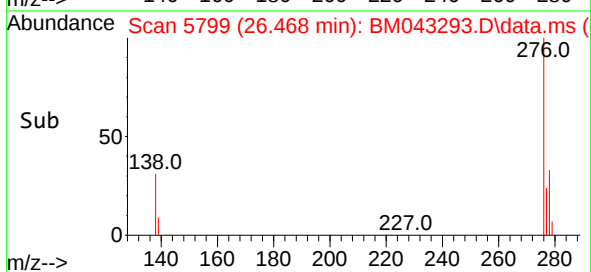
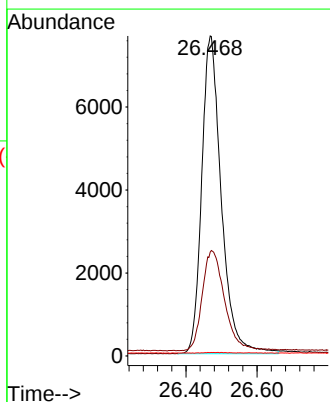
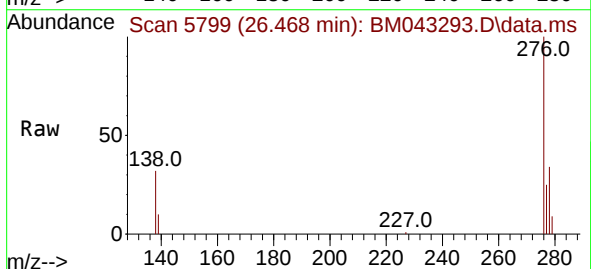
Manual Integrations
APPROVED

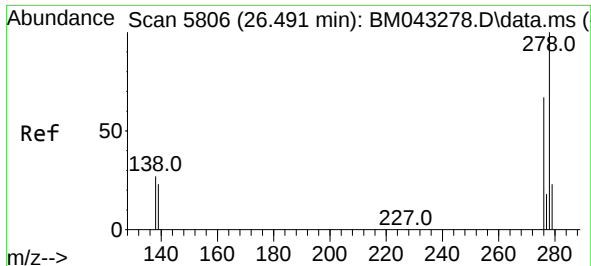
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 26.468 min Scan# 5799
Delta R.T. -0.003 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

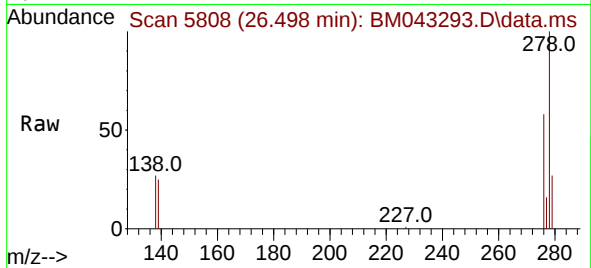
Tgt Ion:276 Resp: 29311
Ion Ratio Lower Upper
276 100
138 35.8 24.6 36.8
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 26.498 min Scan# 5806
Delta R.T. -0.003 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22

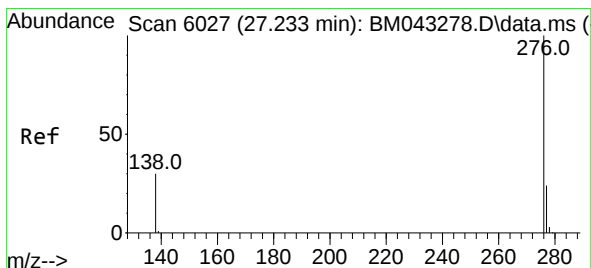
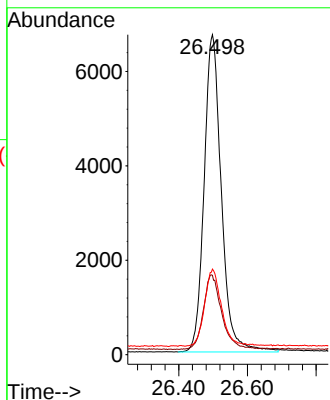
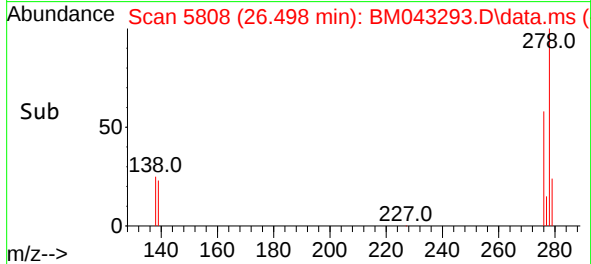
Instrument :
BNA_M
ClientSampleId :
SLCS723



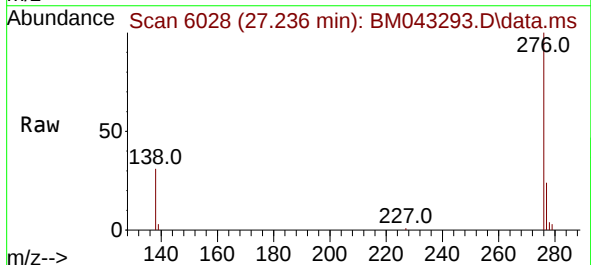
Tgt Ion:278 Resp: 2342
Ion Ratio Lower Upper
278 100
139 24.8 17.4 26.2
279 26.7 20.9 31.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 27.236 min Scan# 6028
Delta R.T. -0.003 min
Lab File: BM043293.D
Acq: 13 Dec 2023 09:22



Tgt Ion:276 Resp: 24743
Ion Ratio Lower Upper
276 100
138 31.3 23.1 34.7
277 24.2 19.4 29.0

