

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044138.D
 Acq On : 16 Feb 2024 14:33
 Operator : MA/JU
 Sample : P1329-14DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 22:39:25 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Feb 15 13:40:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9133	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	30235	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	16156	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	32990	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	19780	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	19677	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	10057	0.778	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	2351	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	4685	0.079	ng/ul	0.00
Target Compounds					Qvalue	
7) 2-Methylnaphthalene	12.365	142	1713	0.031	ng/ul	97
14) Pentachlorophenol	16.943	266	334	0.028	ng/ul	95
15) Phenanthrene	17.335	178	10282	0.098	ng/ul	98
19) Fluoranthene	19.360	202	49022	0.544	ng/ul	98
20) Pyrene	19.722	202	48071	0.507	ng/ul	96
21) Benzo(a)anthracene	21.478	228	21749	0.240	ng/ul	97
22) Chrysene	21.531	228	24499	0.251	ng/ul	96
24) Benzo(b)fluoranthene	23.159	252	33944	0.418	ng/ul	94
25) Benzo(k)fluoranthene	23.206	252	14460m	0.164	ng/ul	
26) Benzo(a)pyrene	23.779	252	19168	0.254	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.359	276	14617	0.152	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.382	278	3428	0.045	ng/ul#	53
29) Benzo(g,h,i)perylene	27.120	276	14217	0.167	ng/ul#	93

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

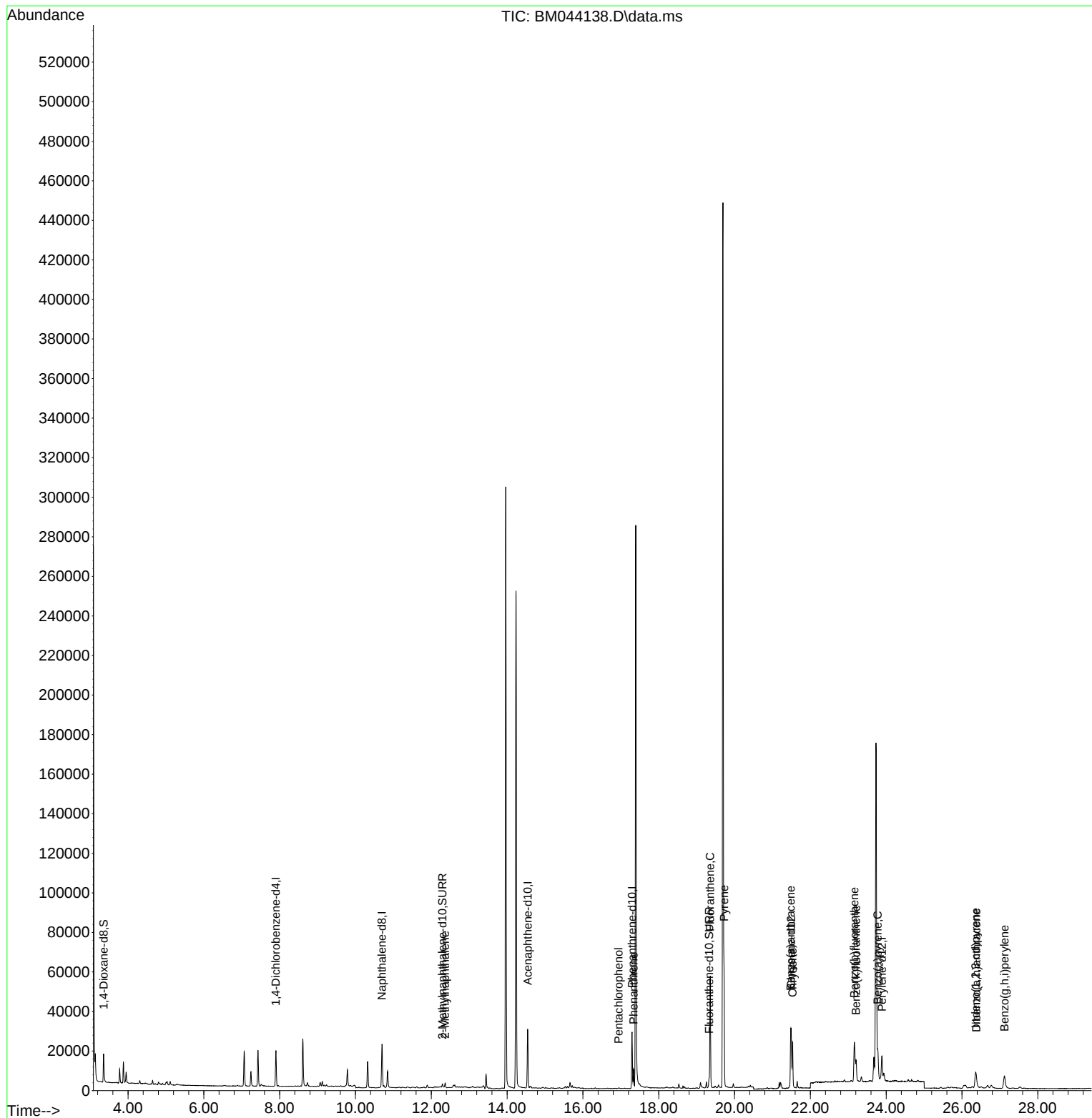
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044138.D
Acq On : 16 Feb 2024 14:33
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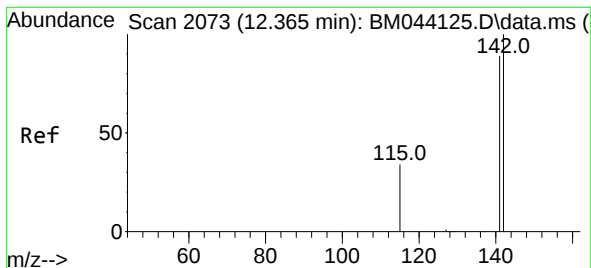
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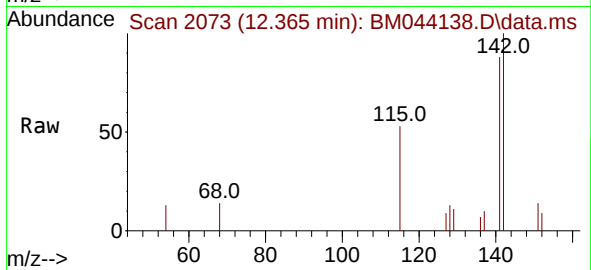
Quant Time: Feb 16 22:39:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

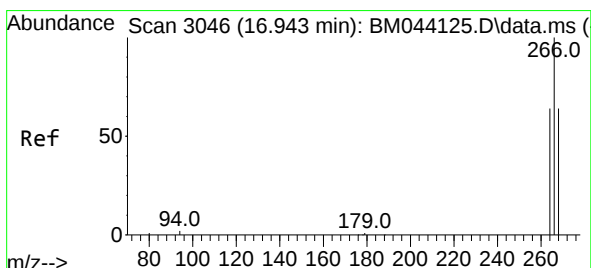
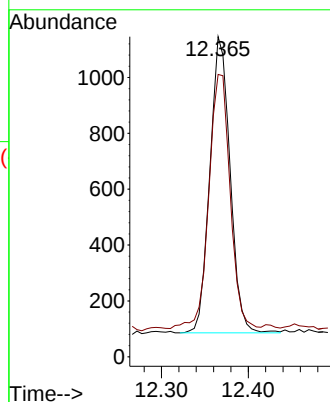
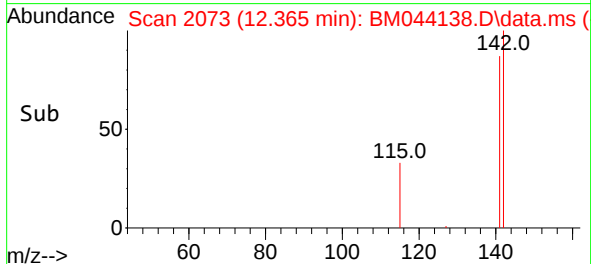
Instrument :
BNA_M
ClientSampleId :
C0FR5DL



Tgt Ion:142 Resp: 171
Ion Ratio Lower Upper
142 100
141 90.3 70.0 105.0

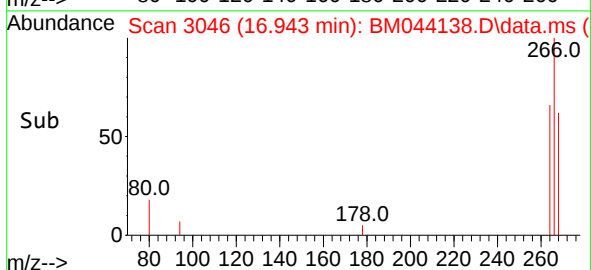
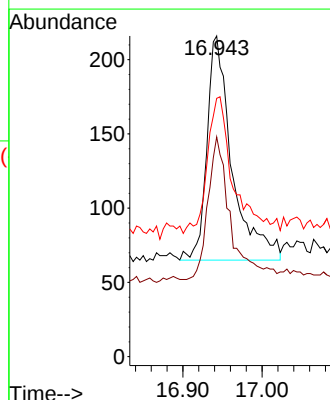
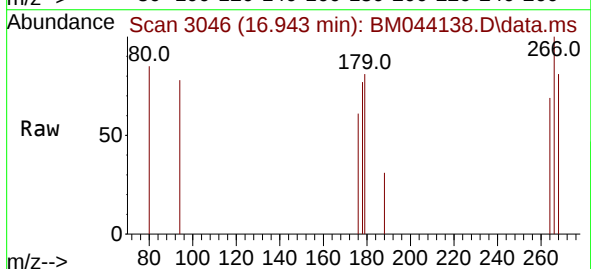
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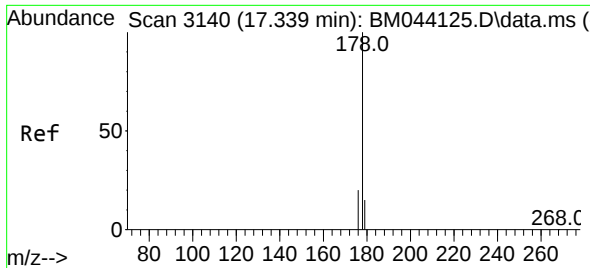
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 16.943 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

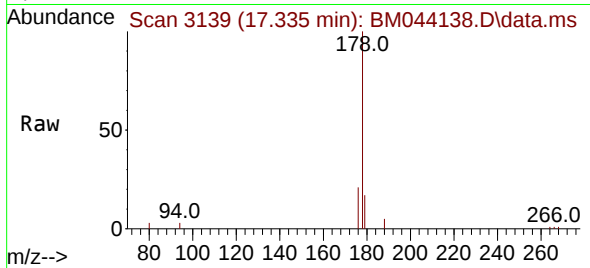
Tgt Ion:266 Resp: 334
Ion Ratio Lower Upper
266 100
264 67.1 49.4 74.0
268 62.3 52.1 78.1





#15
Phenanthrene
Concen: 0.098 ng/ul
RT: 17.335 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

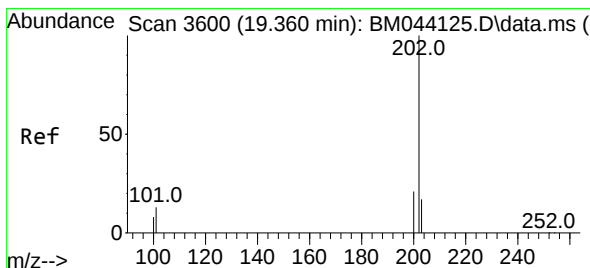
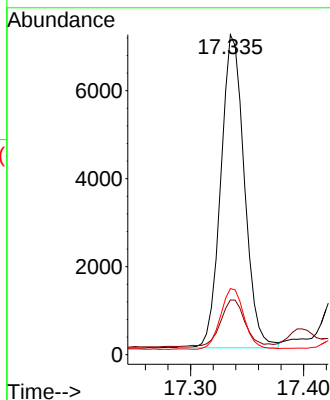
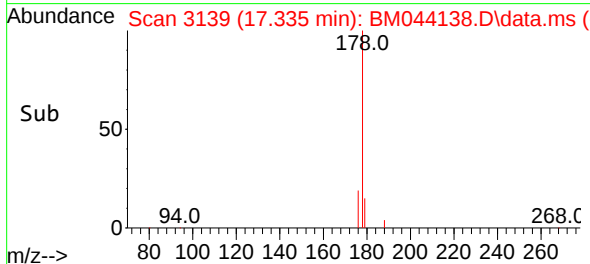
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C0FR5DL



Tgt Ion:178 Resp: 1028
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 20.6 16.0 24.0

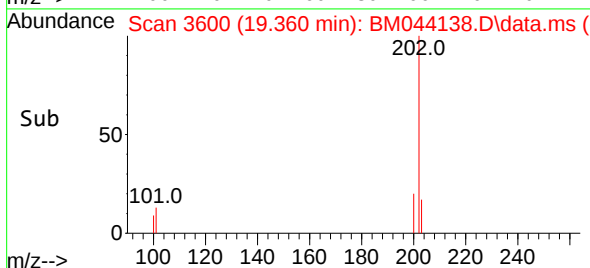
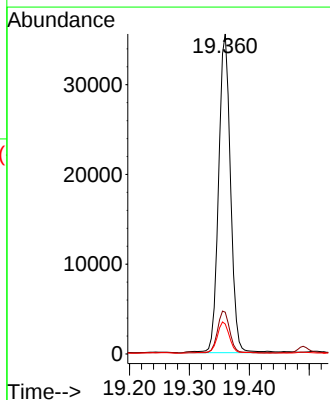
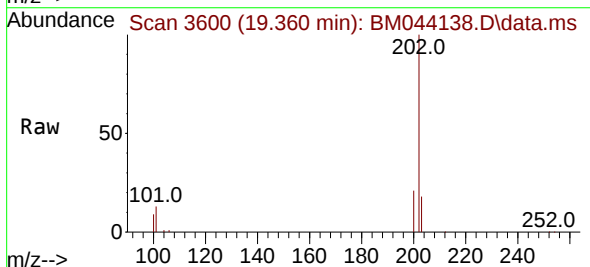
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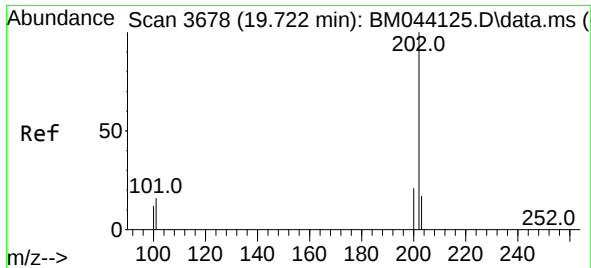
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#19
Fluoranthene
Concen: 0.544 ng/ul
RT: 19.360 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

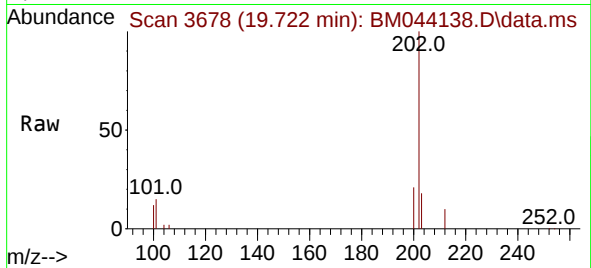
Tgt Ion:202 Resp: 49022
Ion Ratio Lower Upper
202 100
101 13.1 9.8 14.6
100 9.3 7.0 10.4





#20
Pyrene
Concen: 0.507 ng/ul
RT: 19.722 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

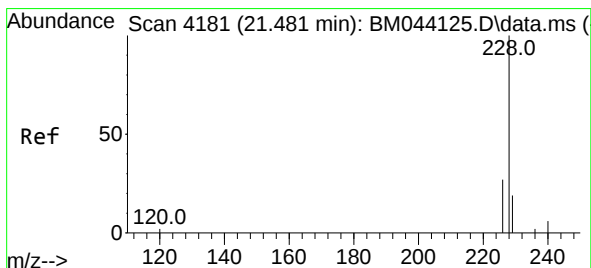
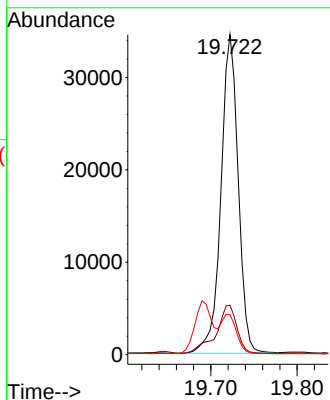
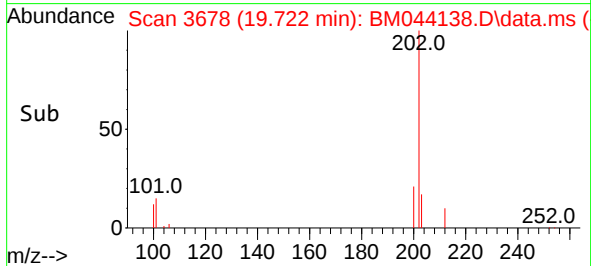
Instrument :
BNA_M
ClientSampleId :
C0FR5DL



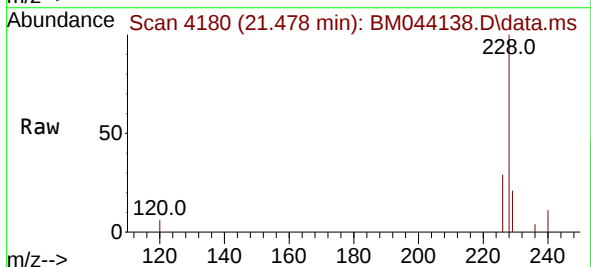
Tgt Ion:202 Resp: 4807
Ion Ratio Lower Upper
202 100
101 15.4 11.2 16.8
100 12.5 8.6 13.0

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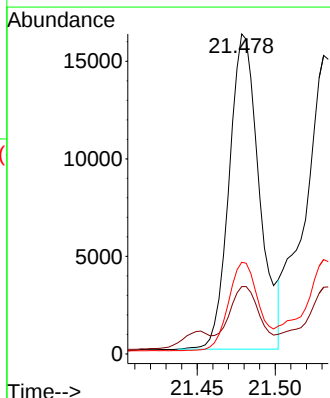
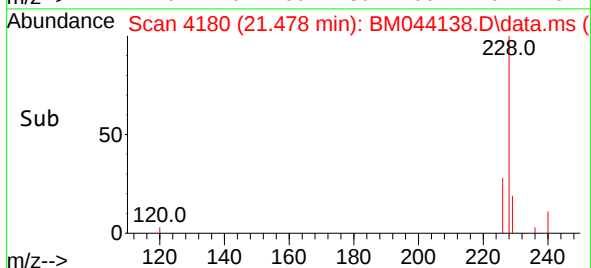
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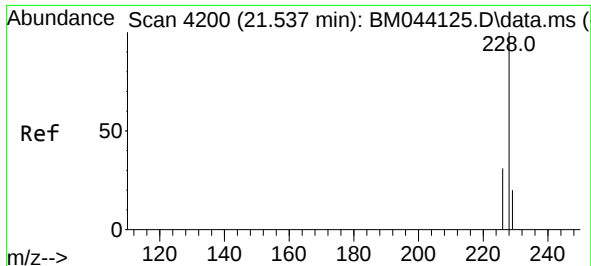


#21
Benzo(a)anthracene
Concen: 0.240 ng/ul
RT: 21.478 min Scan# 4180
Delta R.T. -0.007 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33



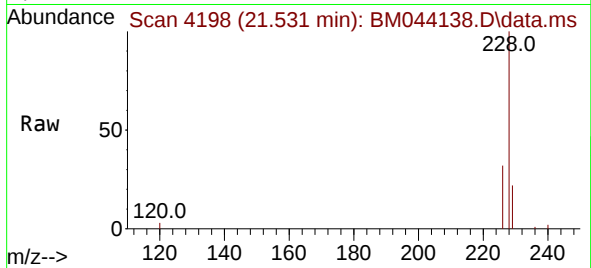
Tgt Ion:228 Resp: 21749
Ion Ratio Lower Upper
228 100
229 21.1 15.4 23.2
226 28.7 22.1 33.1





#22
Chrysene
Concen: 0.251 ng/ul
RT: 21.531 min Scan# 4198
Delta R.T. -0.007 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

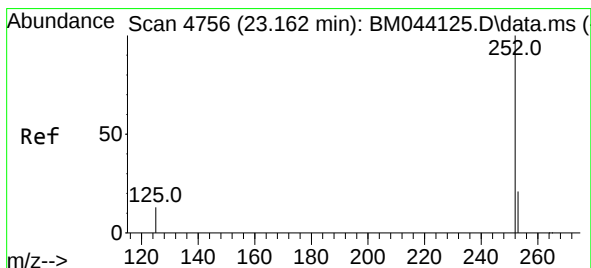
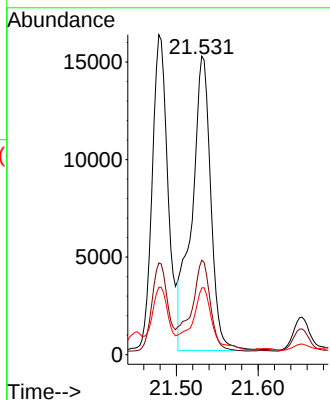
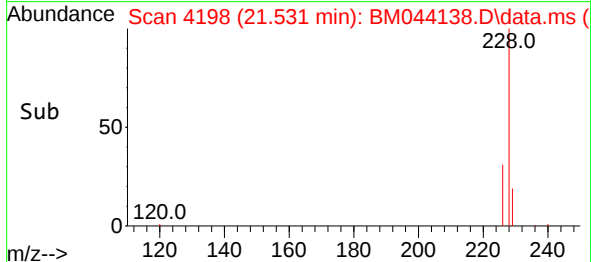
Instrument :
BNA_M
ClientSampleId :
C0FR5DL



Tgt Ion:228 Resp: 24499
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.2
229 22.3 15.8 23.6

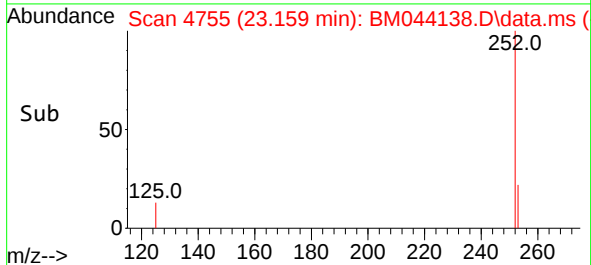
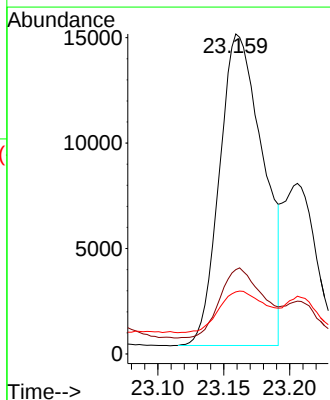
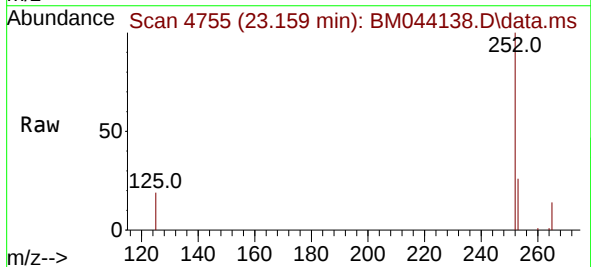
Manual Integrations
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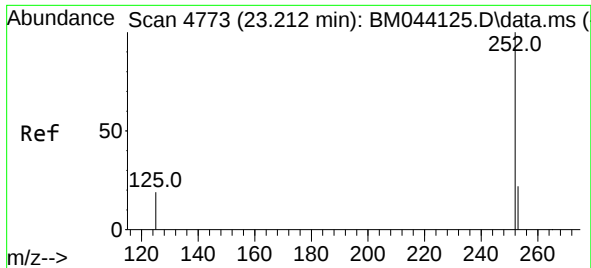
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 23.159 min Scan# 4755
Delta R.T. -0.004 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

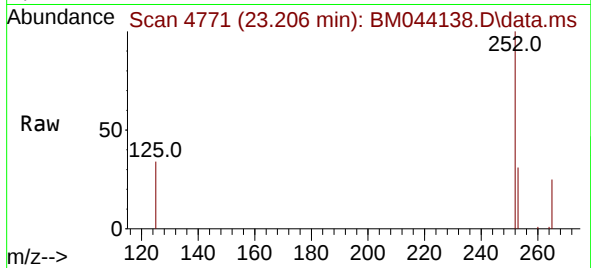
Tgt Ion:252 Resp: 33944
Ion Ratio Lower Upper
252 100
253 26.4 0.0 50.0
125 19.4 0.0 28.2





#25
Benzo(k)fluoranthene
Concen: 0.164 ng/ul m
RT: 23.206 min Scan# 4771
Delta R.T. -0.007 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

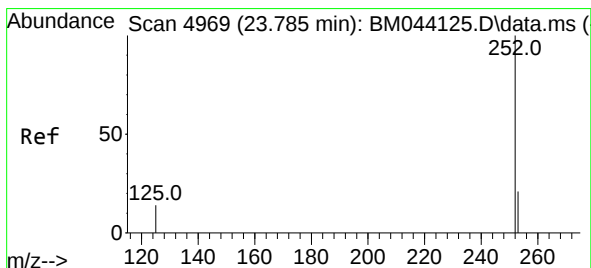
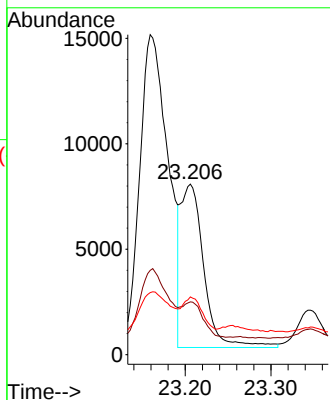
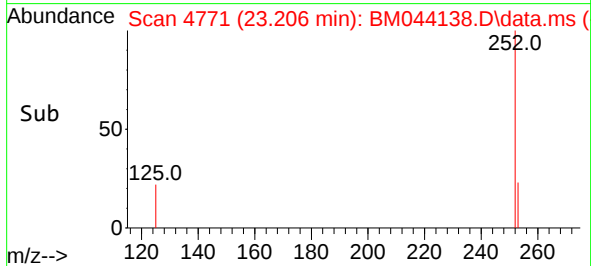
Instrument :
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ClientSampleId :
C0FR5DL



Tgt Ion:252 Resp: 14460
Ion Ratio Lower Upper
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253 30.9 20.1 30.1
125 33.9 12.3 18.5

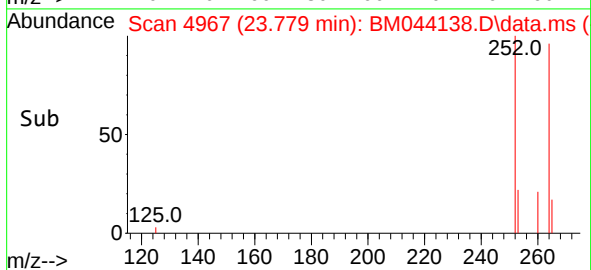
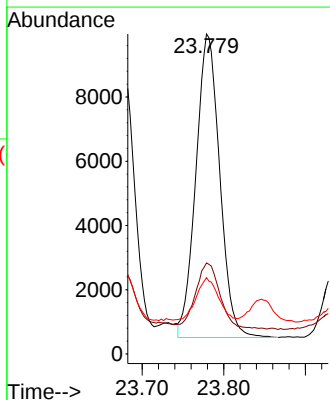
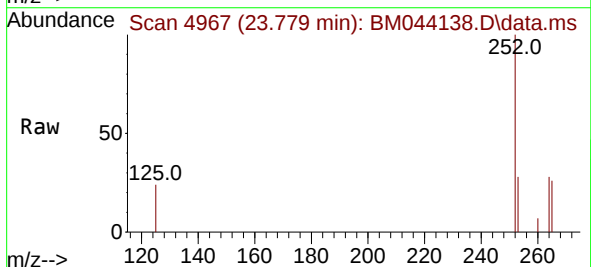
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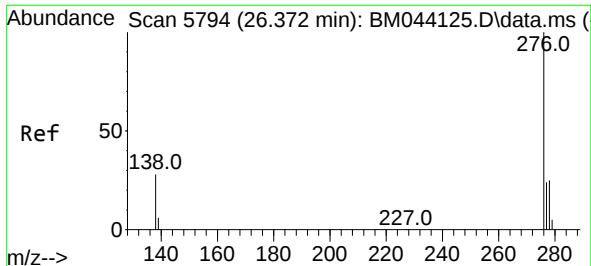
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#26
Benzo(a)pyrene
Concen: 0.254 ng/ul
RT: 23.779 min Scan# 4967
Delta R.T. -0.007 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

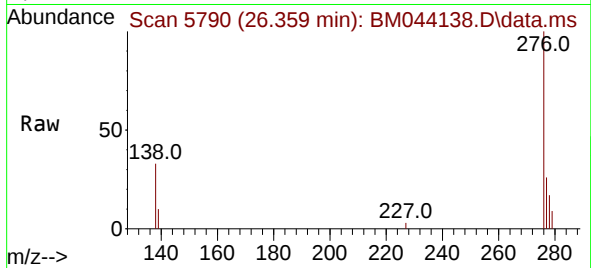
Tgt Ion:252 Resp: 19168
Ion Ratio Lower Upper
252 100
253 28.4 21.4 32.2
125 23.8 13.3 19.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.152 ng/ul
RT: 26.359 min Scan# 5794
Delta R.T. -0.011 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

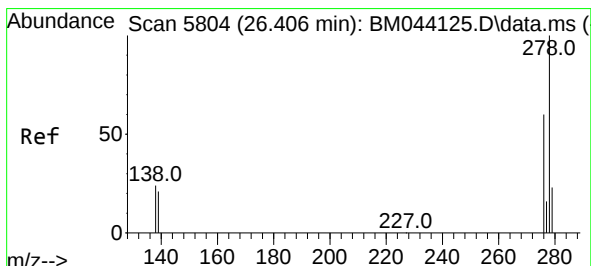
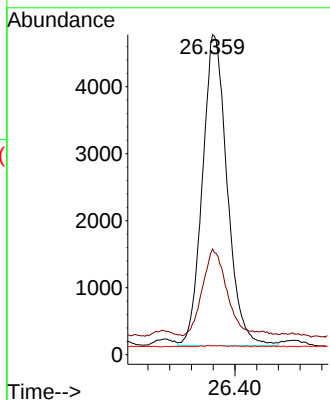
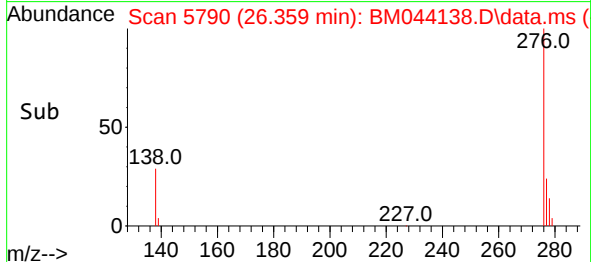
Instrument :
BNA_M
ClientSampleId :
C0FR5DL



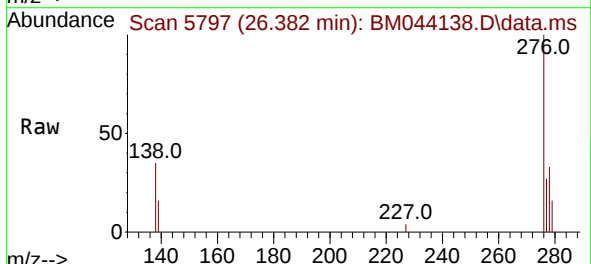
Tgt Ion:276 Resp: 1461
Ion Ratio Lower Upper
276 100
138 28.3 25.2 37.8
227 0.2 0.1 0.1

Manual Integrations
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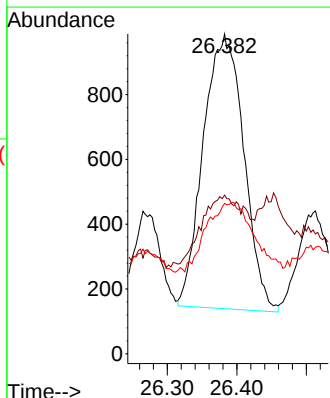
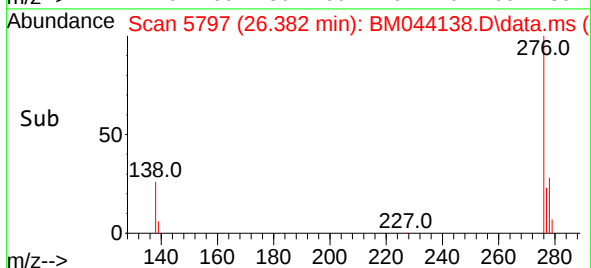
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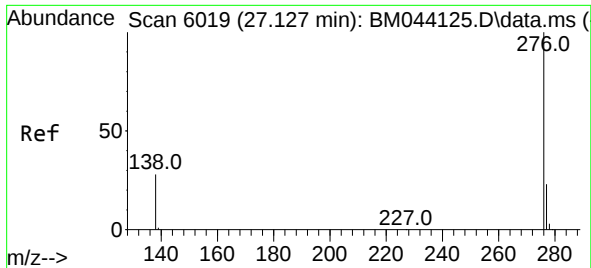


#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.382 min Scan# 5797
Delta R.T. -0.028 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33



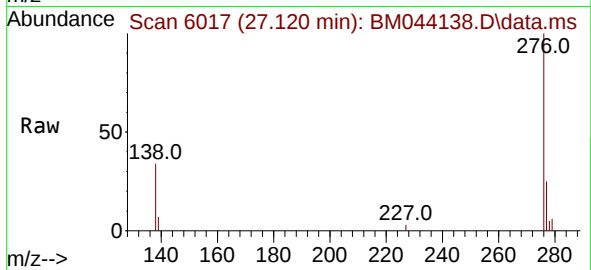
Tgt Ion:278 Resp: 3428
Ion Ratio Lower Upper
278 100
139 49.6 17.8 26.8#
279 47.0 21.8 32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 27.120 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Instrument :
BNA_M
ClientSampleId :
C0FR5DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.3	22.7	34.1
277	25.3	19.0	28.6

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