

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038245.D
 Acq On : 23 Dec 2022 22:46
 Operator : CG/JU
 Sample : N6014-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXS8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 24 02:10:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4050	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12049	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	6814	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	13267	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8365	0.400	ng/ul	# 0.00
23) Perylene-d12	24.018	264	8618	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	15210	3.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4730	0.267	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	8764	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	881	0.025	ng/ul#	78
7) 2-Methylnaphthalene	12.500	142	468	0.021	ng/ul	96
15) Phenanthrene	17.443	178	6516	0.147	ng/ul	96
16) Anthracene	17.531	178	1183	0.028	ng/ul#	76
19) Fluoranthene	19.450	202	17599	0.384	ng/ul	97
20) Pyrene	19.812	202	15290m	0.330	ng/ul	
21) Benzo(a)anthracene	21.553	228	7629	0.208	ng/ul#	92
22) Chrysene	21.606	228	9479	0.265	ng/ul	95
24) Benzo(b)fluoranthene	23.269	252	15312	0.401	ng/ul	90
25) Benzo(k)fluoranthene	23.313	252	5271m	0.144	ng/ul	
26) Benzo(a)pyrene	23.912	252	10297	0.309	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.575	276	9176	0.199	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.585	278	2230	0.062	ng/ul#	26
29) Benzo(g,h,i)perylene	27.370	276	9613	0.247	ng/ul	94

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

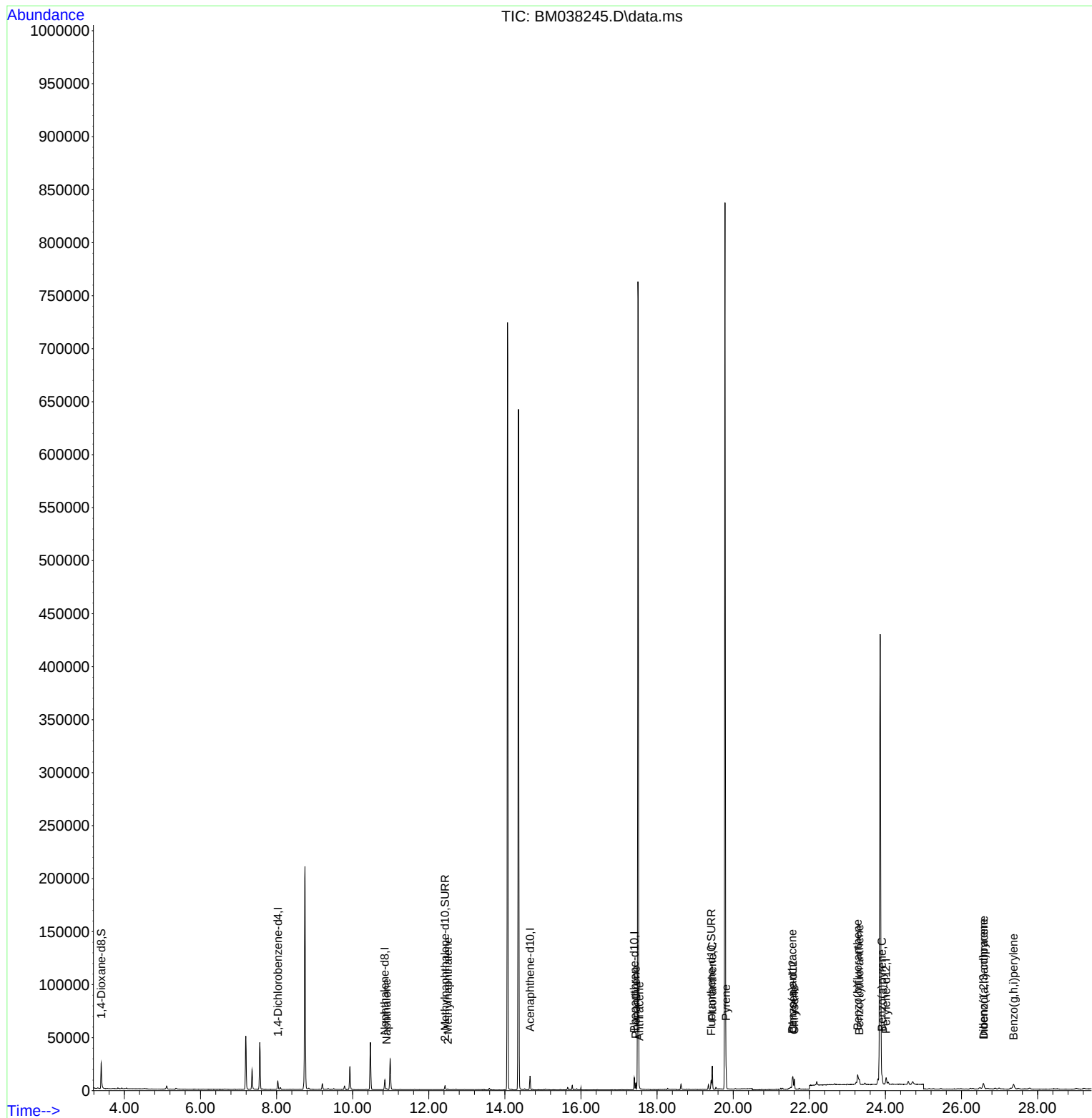
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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ALS Vial : 52 Sample Multiplier: 1

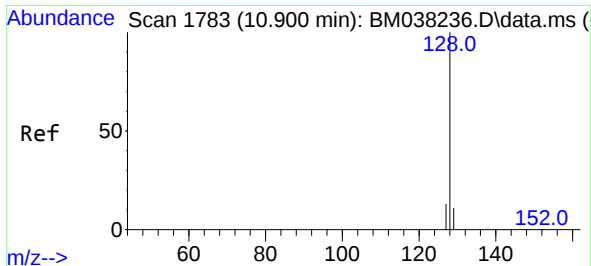
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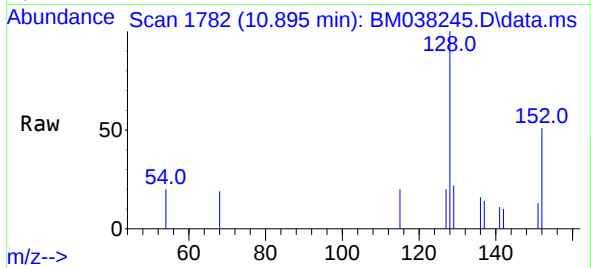
Quant Time: Dec 24 02:10:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.895 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

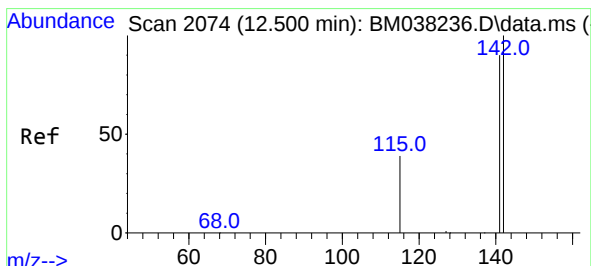
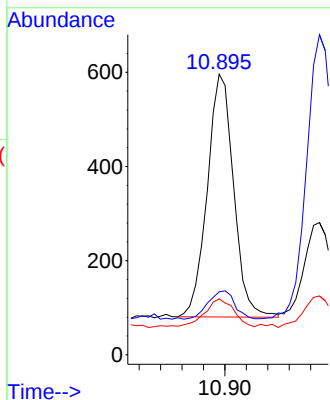
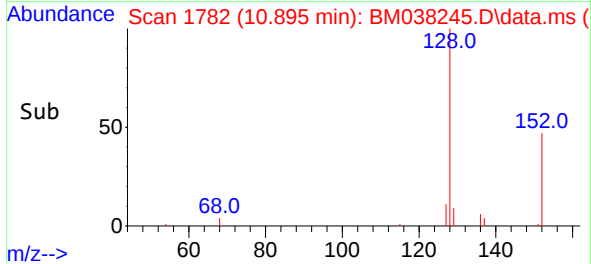
Instrument :
BNA_M
ClientSampleId :
DBXS8



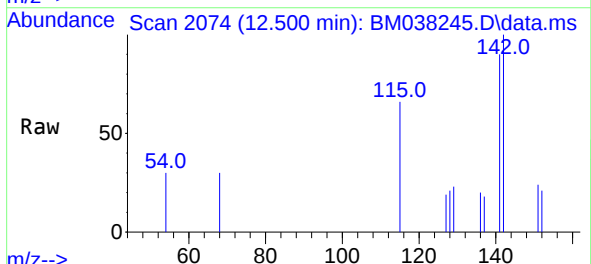
Tgt Ion:128 Resp: 88
Ion Ratio Lower Upper
128 100
129 22.5 9.4 14.0
127 20.0 10.7 16.1

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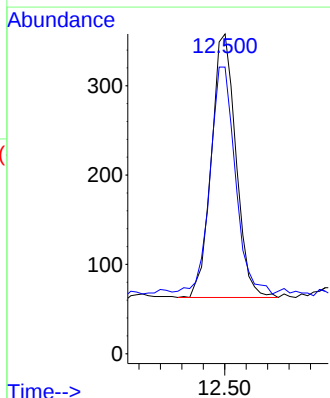
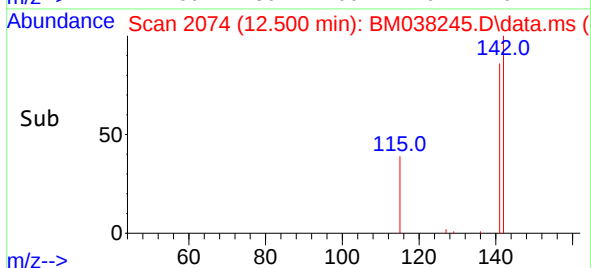
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

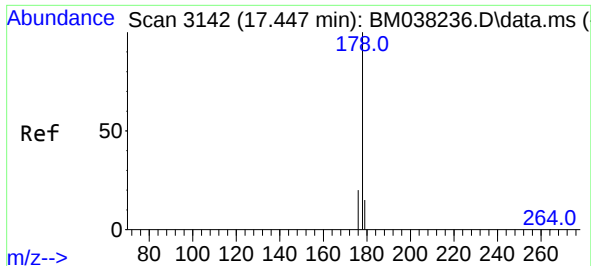


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46



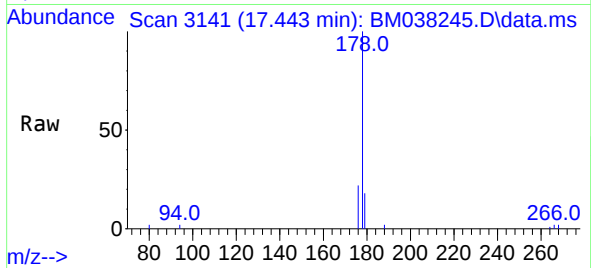
Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
141 86.5 71.9 107.9





#15
Phenanthrene
Concen: 0.147 ng/ul
RT: 17.443 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

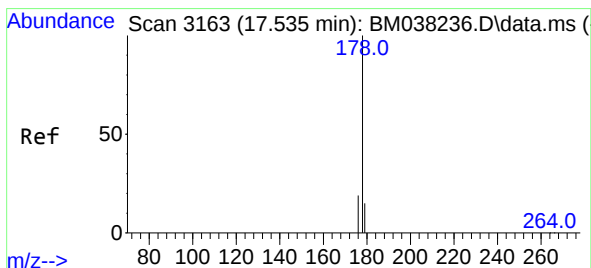
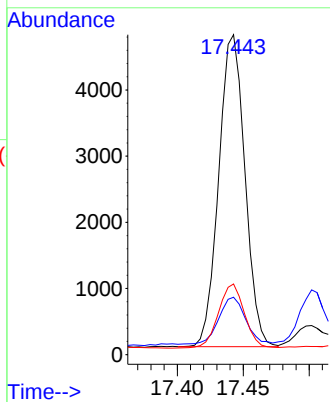
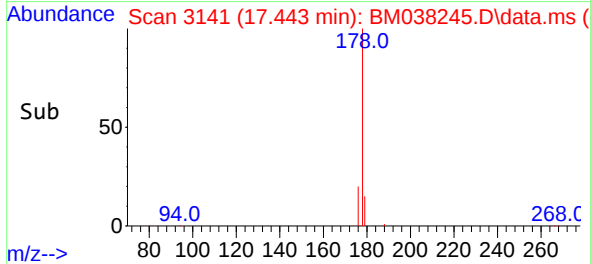
Instrument :
BNA_M
ClientSampleId :
DBXS8



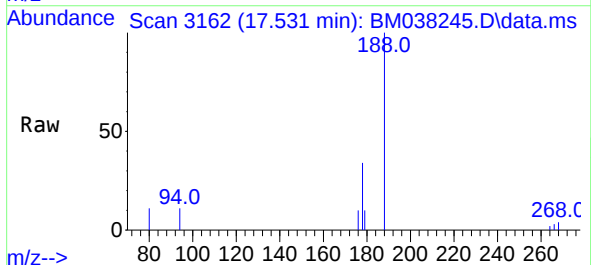
Tgt Ion:178 Resp: 6510
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.4
176 22.1 16.2 24.4

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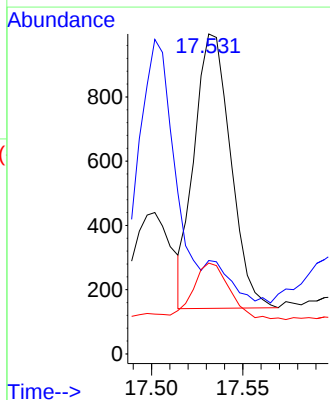
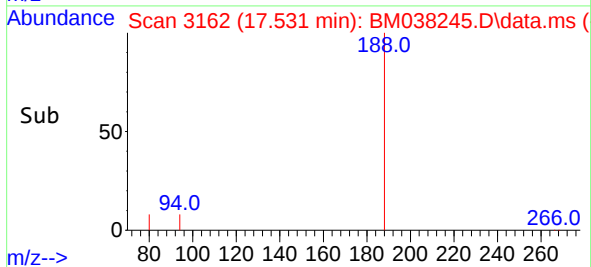
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

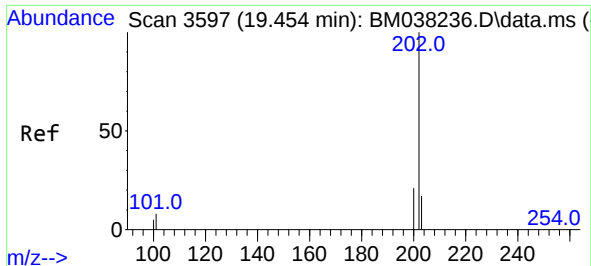


#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46



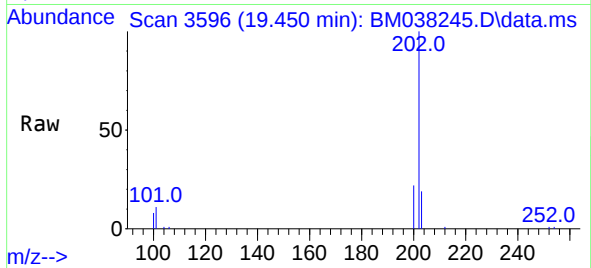
Tgt Ion:178 Resp: 1183
Ion Ratio Lower Upper
178 100
179 29.2 13.0 19.6#
176 28.4 15.6 23.4#





#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.450 min Scan# 3597
Delta R.T. -0.005 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

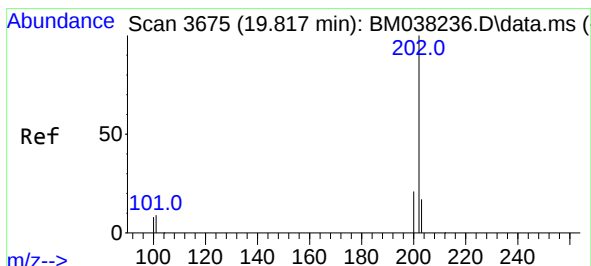
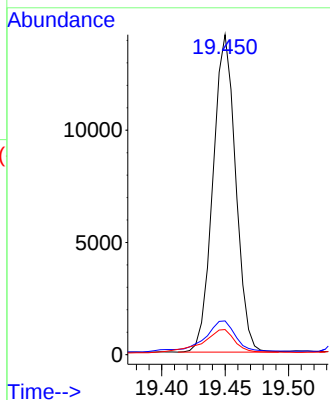
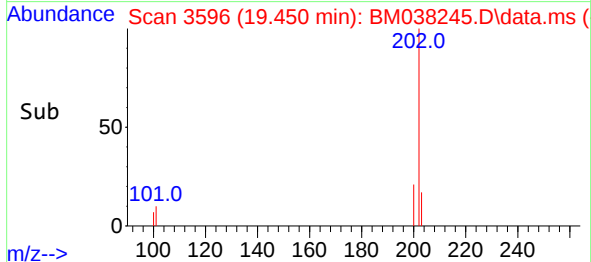
Instrument :
BNA_M
ClientSampleId :
DBXS8



Tgt Ion:202 Resp: 17599
Ion Ratio Lower Upper
202 100
101 10.6 7.5 11.3
100 7.9 5.6 8.4

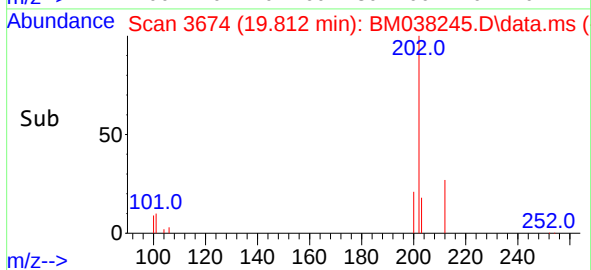
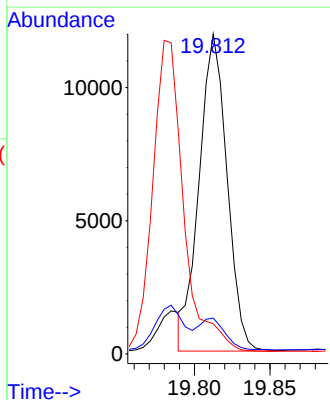
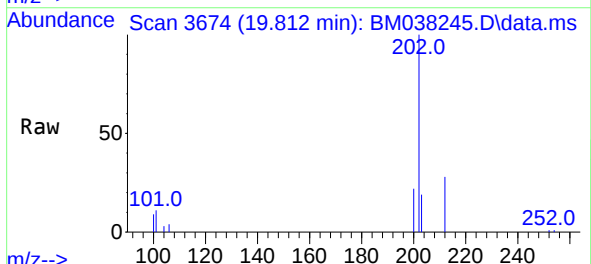
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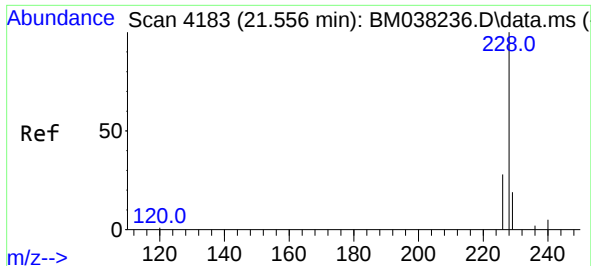
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 0.330 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

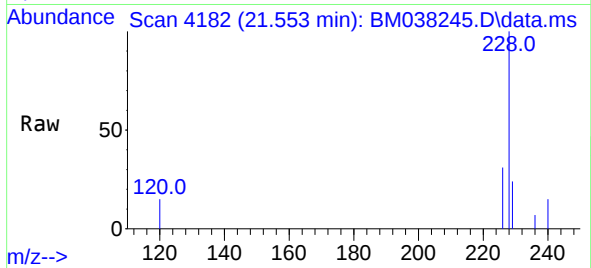
Tgt Ion:202 Resp: 15290
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 9.5 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.208 ng/u1
RT: 21.553 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

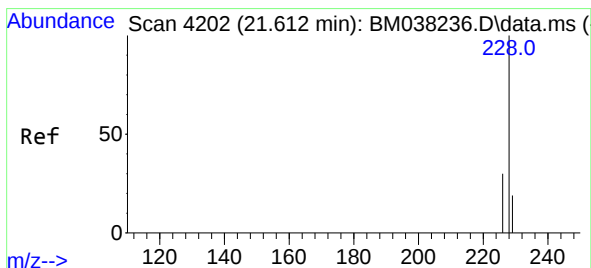
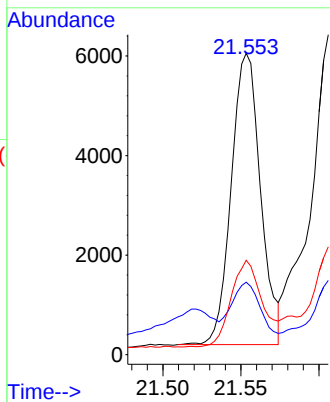
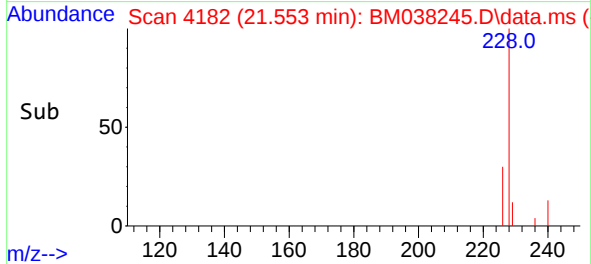
Instrument :
BNA_M
ClientSampleId :
DBXS8



Tgt Ion:228 Resp: 7629
Ion Ratio Lower Upper
228 100
229 24.0 15.5 23.3
226 31.3 22.2 33.2

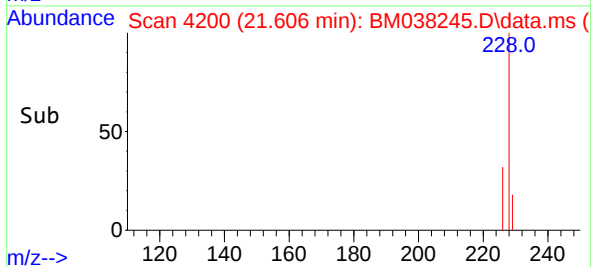
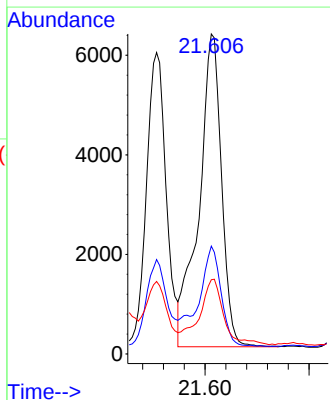
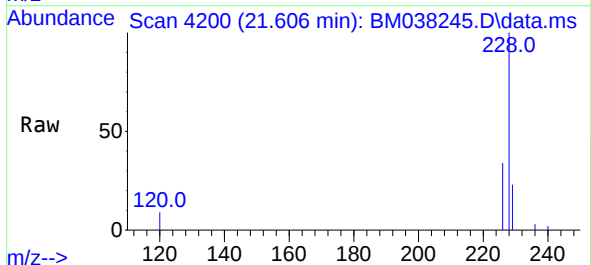
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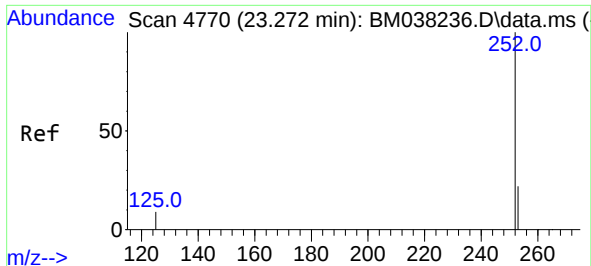
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#22
Chrysene
Concen: 0.265 ng/u1
RT: 21.606 min Scan# 4200
Delta R.T. -0.006 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

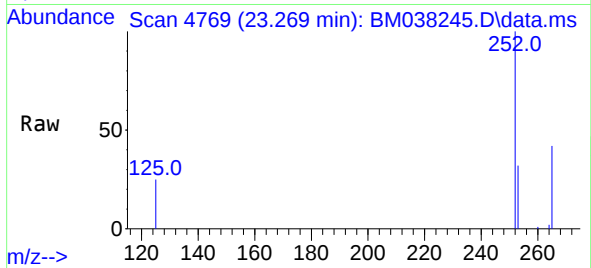
Tgt Ion:228 Resp: 9479
Ion Ratio Lower Upper
228 100
226 33.7 25.0 37.4
229 23.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

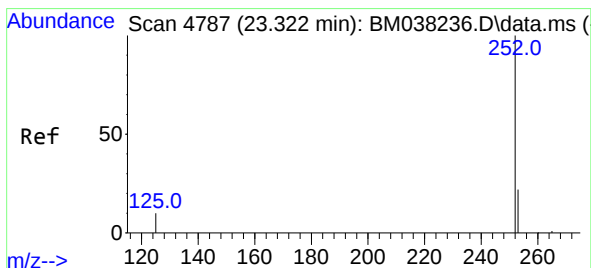
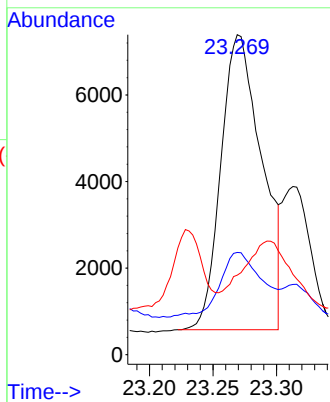
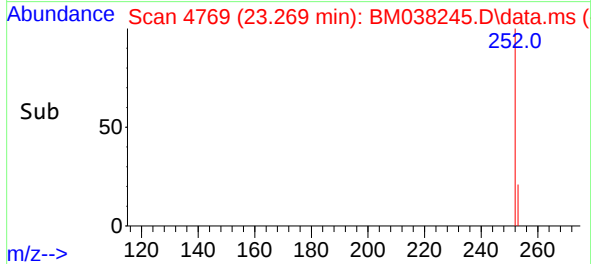
Instrument :
BNA_M
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DBXS8



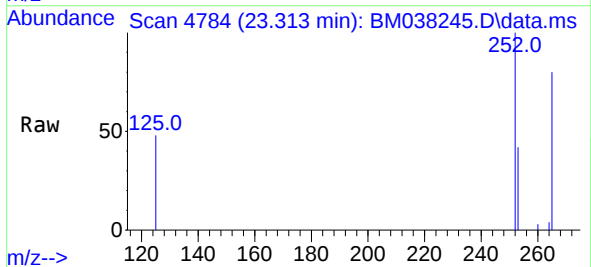
Tgt Ion:252 Resp: 15312
Ion Ratio Lower Upper
252 100
253 31.9 0.0 56.0
125 24.9 0.0 36.6

Manual Integrations
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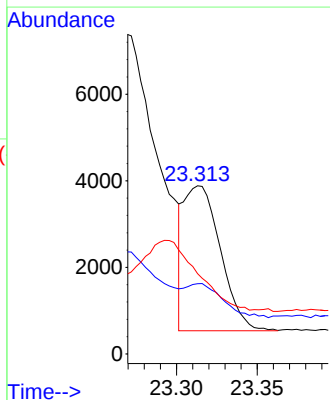
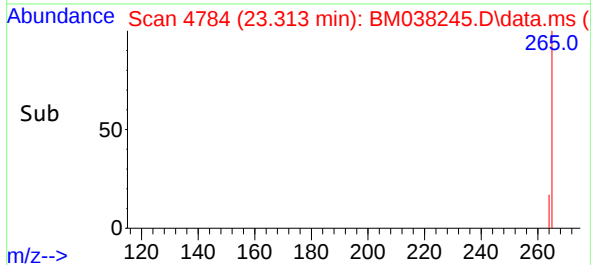
Reviewed By :Jagrut Upadhyay 12/24/2022
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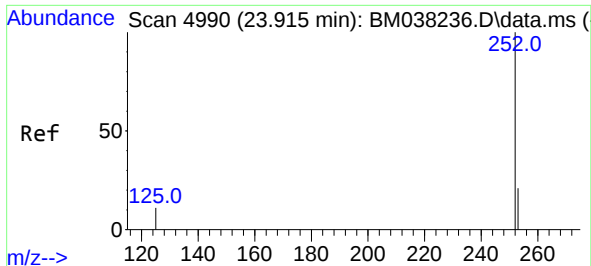


#25
Benzo(k)fluoranthene
Concen: 0.144 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46



Tgt Ion:252 Resp: 5271
Ion Ratio Lower Upper
252 100
253 41.8 22.5 33.7#
125 47.8 14.4 21.6#





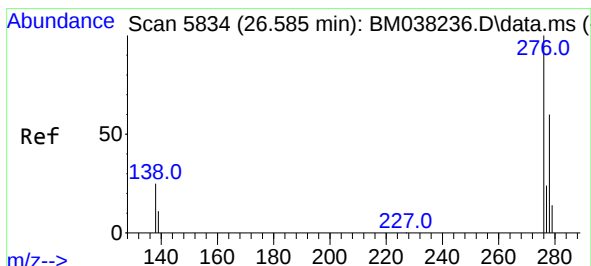
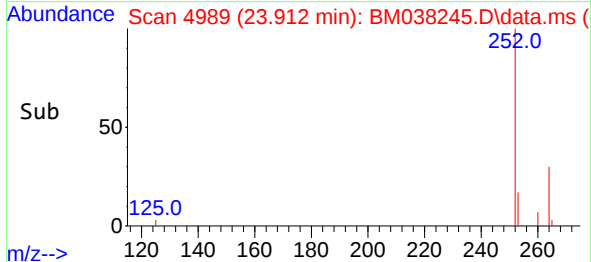
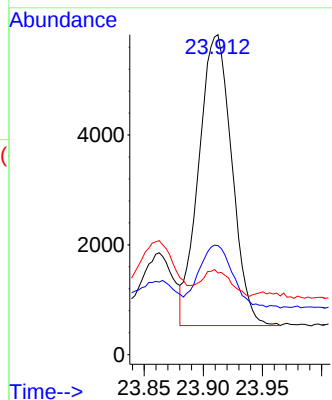
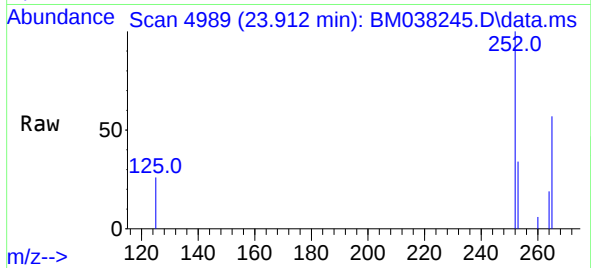
#26
Benzo(a)pyrene
Concen: 0.309 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Instrument :
BNA_M
ClientSampleId :
DBXS8

Tgt Ion:252 Resp: 1029
Ion Ratio Lower Upper
252 100
253 34.1 24.2 36.4
125 25.5 17.3 25.9

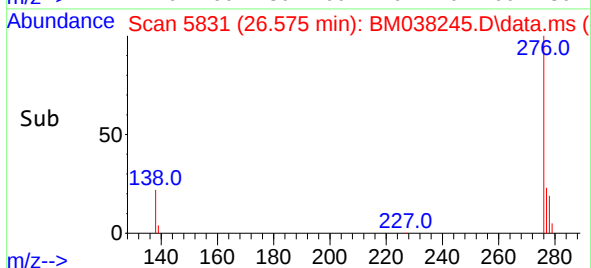
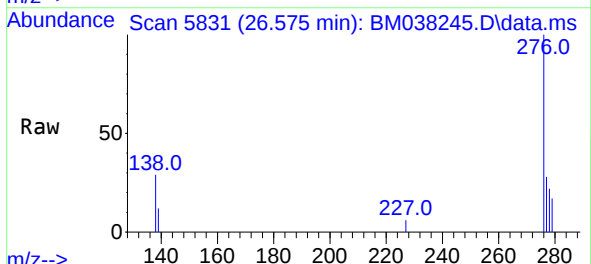
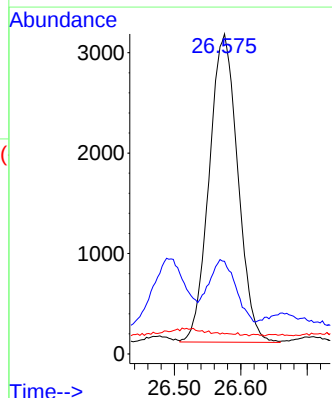
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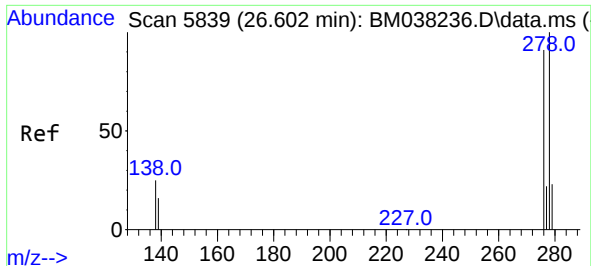
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.007 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Tgt Ion:276 Resp: 9176
Ion Ratio Lower Upper
276 100
138 22.2 21.7 32.5
227 0.0 0.0 0.0





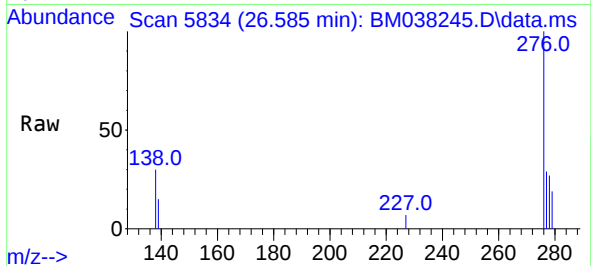
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Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.585 min Scan# 5839
Delta R.T. -0.010 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46

Instrument :

BNA_M

ClientSampleId :

DBXS8

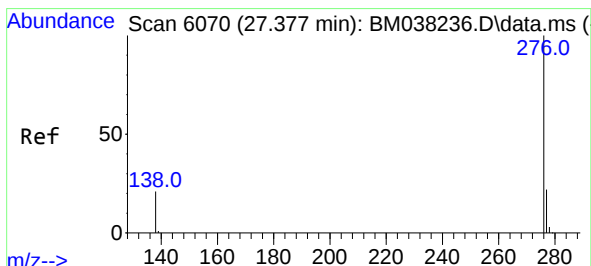
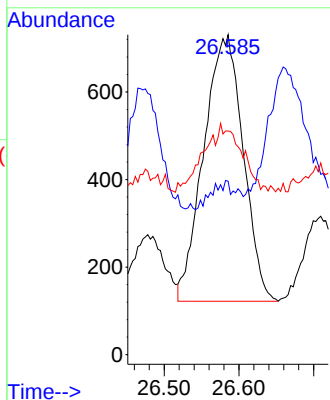
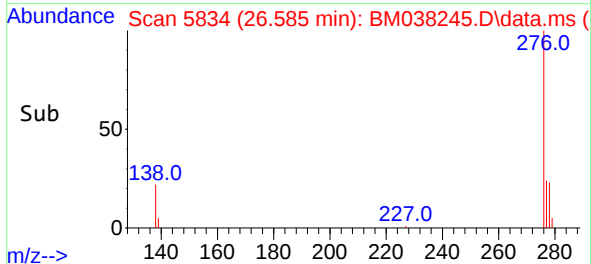


Tgt Ion:278 Resp: 2230
Ion Ratio Lower Upper
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139 54.2 16.8 25.2
279 69.9 23.4 35.2

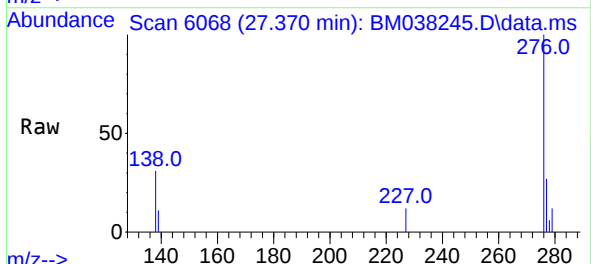
Manual Integrations

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#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038245.D
Acq: 23 Dec 2022 22:46



Tgt Ion:276 Resp: 9613
Ion Ratio Lower Upper
276 100
138 30.9 20.8 31.2
277 27.1 20.5 30.7

