

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038127.D
 Acq On : 20 Dec 2022 06:40
 Operator : CG/JU
 Sample : N6006-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 07:10:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6005	0.400	ng/ul	0.00
4) Naphthalene-d8	10.862	136	19043	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	10850	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	22729	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	16949	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	15947	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	29411	3.583	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	10288	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	26153	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.911	128	1514	0.026	ng/ul#	84
14) Pentachlorophenol	17.063	266	268	0.028	ng/ul	93
15) Phenanthrene	17.455	178	11912	0.156	ng/ul	98
16) Anthracene	17.544	178	2194	0.031	ng/ul#	80
19) Fluoranthene	19.459	202	41251	0.471	ng/ul	100
20) Pyrene	19.822	202	33638m	0.376	ng/ul	
21) Benzo(a)anthracene	21.562	228	19672	0.269	ng/ul	97
22) Chrysene	21.618	228	23954	0.324	ng/ul	96
24) Benzo(b)fluoranthene	23.278	252	35906	0.475	ng/ul	97
25) Benzo(k)fluoranthene	23.322	252	11567m	0.158	ng/ul	
26) Benzo(a)pyrene	23.921	252	21560	0.339	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.589	276	17295	0.216	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.595	278	4257	0.068	ng/ul#	58
29) Benzo(g,h,i)perylene	27.380	276	16606	0.245	ng/ul	98

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

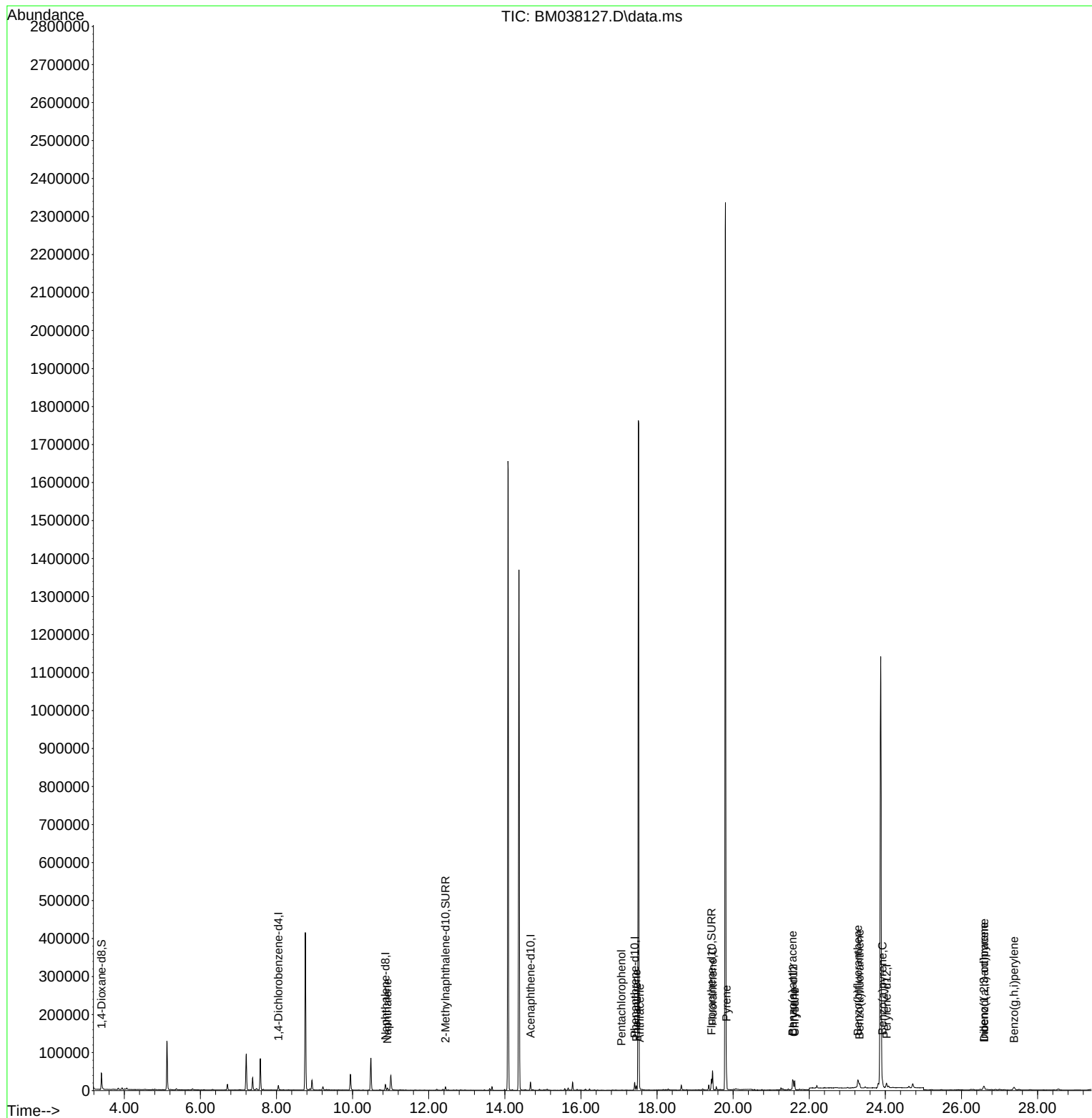
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038127.D
Acq On : 20 Dec 2022 06:40
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ALS Vial : 31 Sample Multiplier: 1

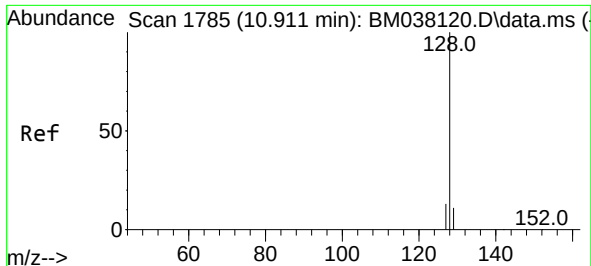
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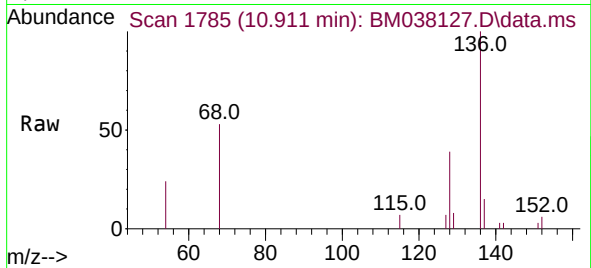
Quant Time: Dec 20 07:10:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.911 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40

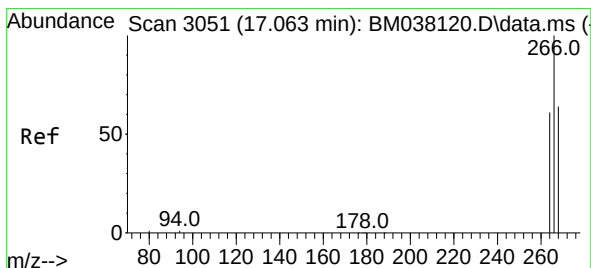
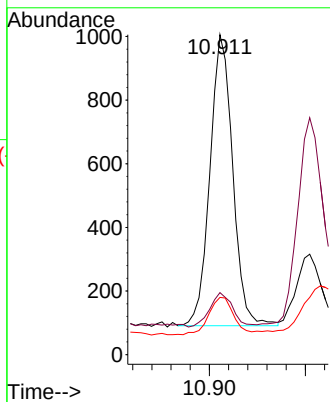
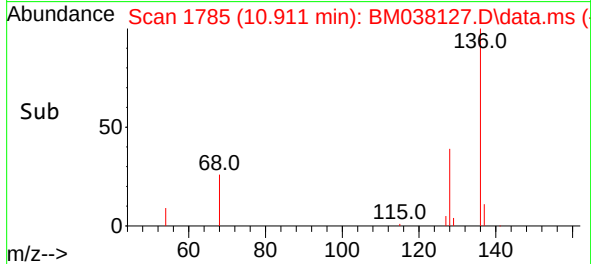
Instrument :
BNA_M
ClientSampleId :
DBYA1



Tgt Ion:128 Resp: 1514
Ion Ratio Lower Upper
128 100
129 19.4 9.1 13.7
127 17.9 10.4 15.6

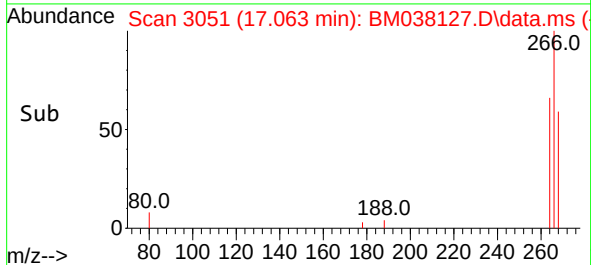
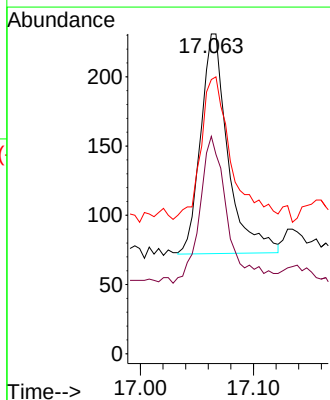
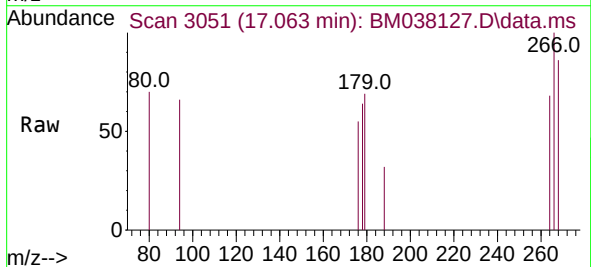
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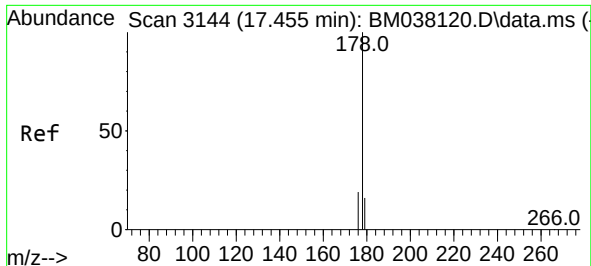
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40

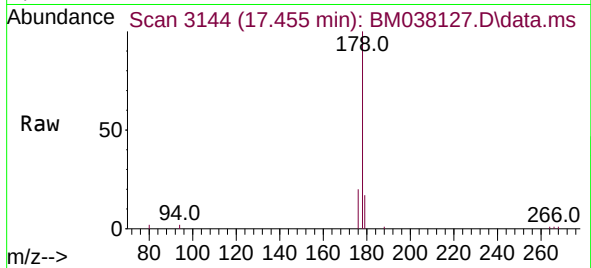
Tgt Ion:266 Resp: 268
Ion Ratio Lower Upper
266 100
264 68.3 49.9 74.9
268 70.5 52.0 78.0





#15
Phenanthrene
Concen: 0.156 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40

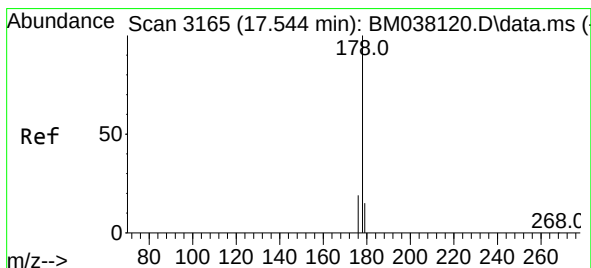
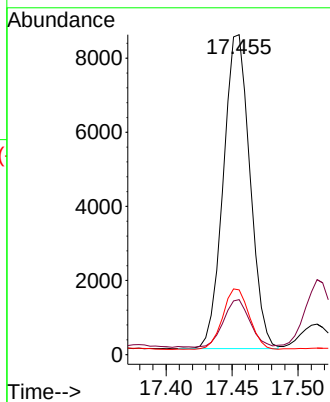
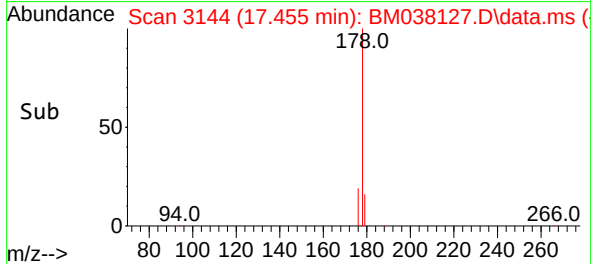
Instrument :
BNA_M
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DBYA1



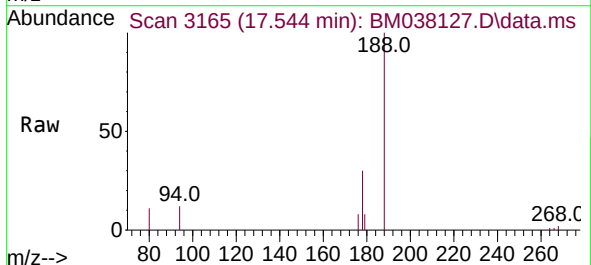
Tgt Ion:178 Resp: 11912
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 20.3 15.8 23.6

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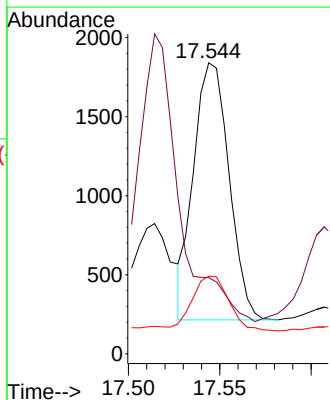
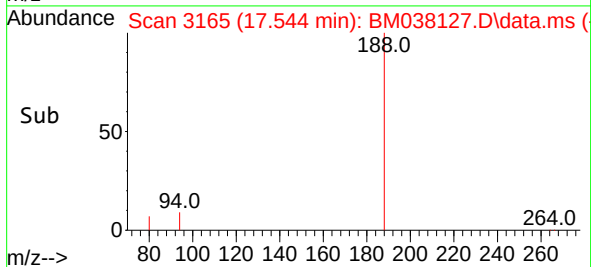
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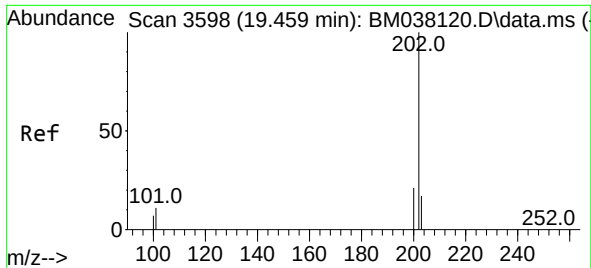


#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40



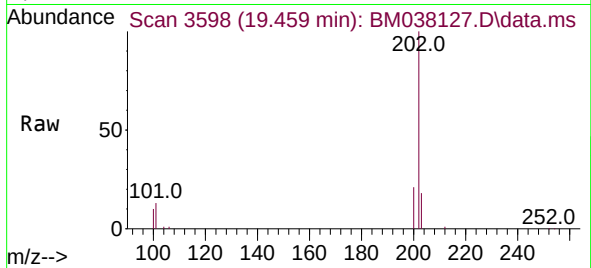
Tgt Ion:178 Resp: 2194
Ion Ratio Lower Upper
178 100
179 26.2 13.0 19.4#
176 26.7 15.0 22.4#





#19
Fluoranthene
Concen: 0.471 ng/ul
RT: 19.459 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40

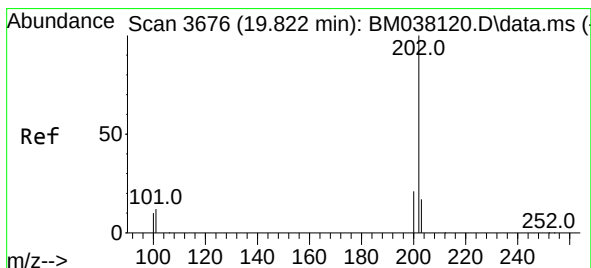
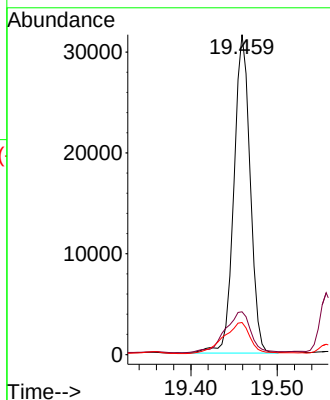
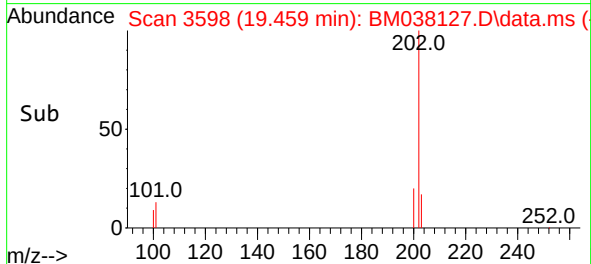
Instrument :
BNA_M
ClientSampleId :
DBYA1



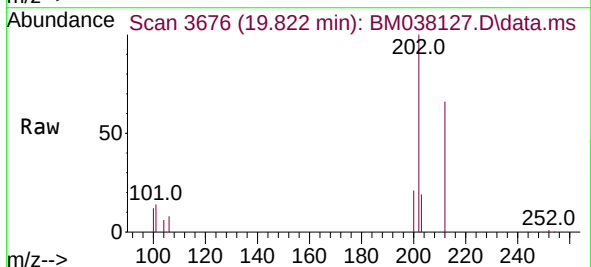
Tgt Ion:202 Resp: 4125
Ion Ratio Lower Upper
202 100
101 13.4 10.6 15.8
100 10.0 7.9 11.9

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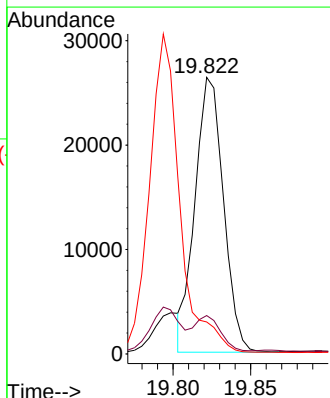
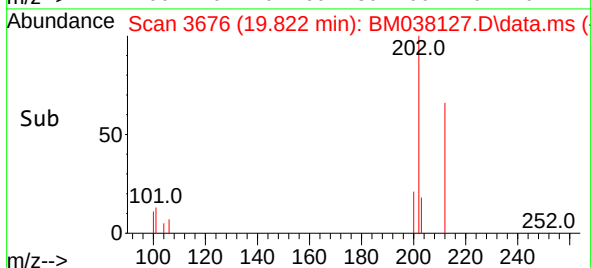
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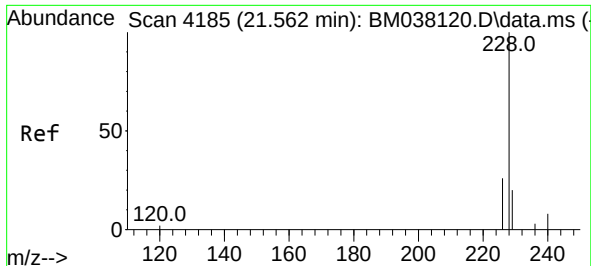


#20
Pyrene
Concen: 0.376 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40



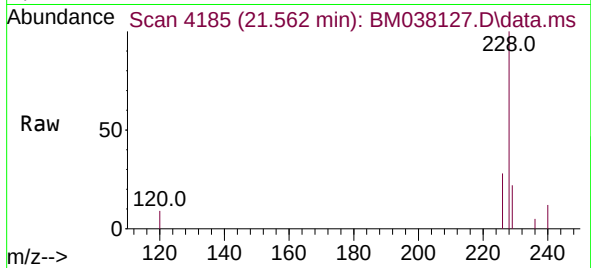
Tgt Ion:202 Resp: 33638
Ion Ratio Lower Upper
202 100
101 13.9 12.1 18.1
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.269 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40

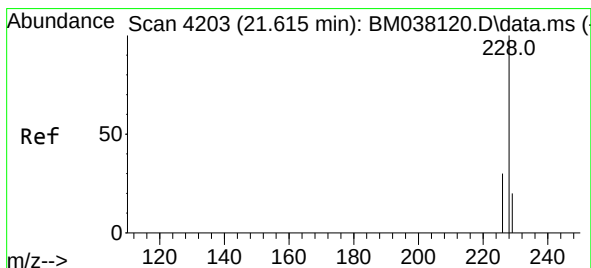
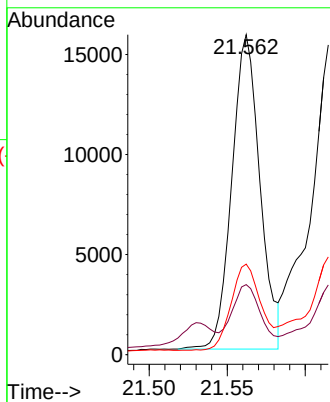
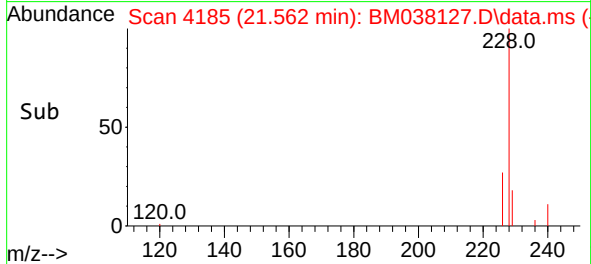
Instrument :
BNA_M
ClientSampleId :
DBYA1



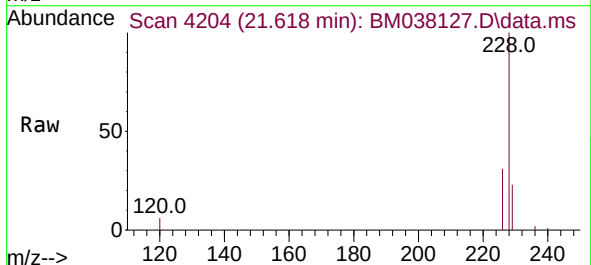
Tgt Ion:228 Resp: 19672
Ion Ratio Lower Upper
228 100
229 21.9 15.9 23.9
226 28.3 22.1 33.1

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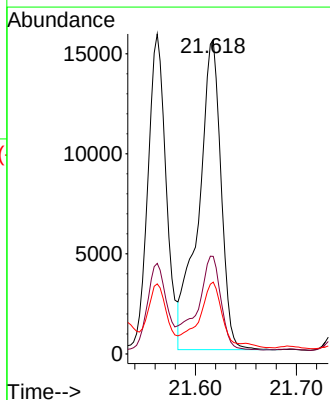
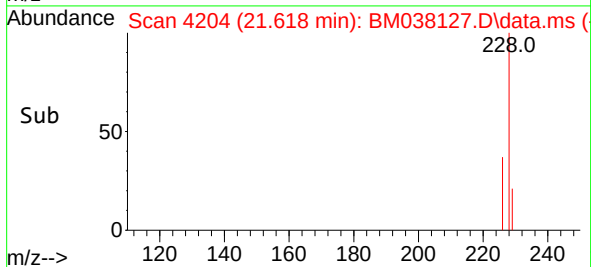
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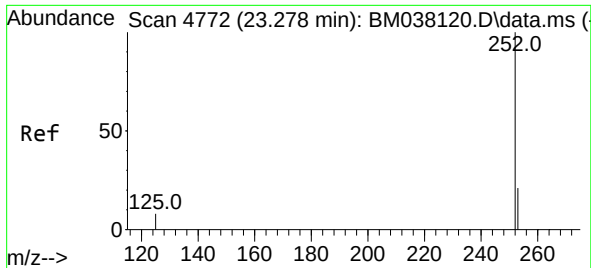


#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40



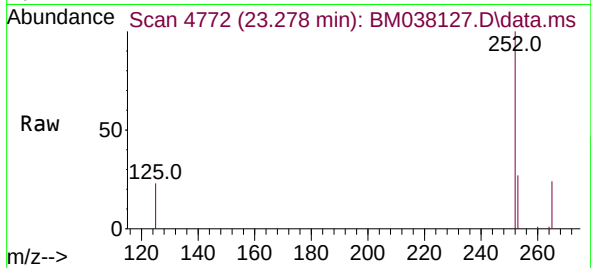
Tgt Ion:228 Resp: 23954
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.475 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40

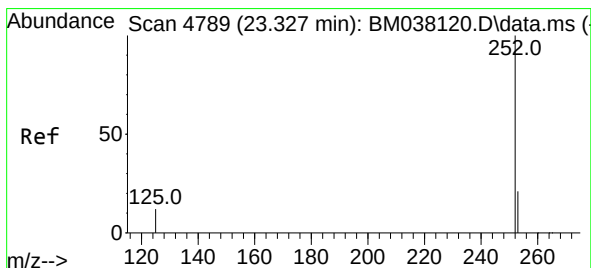
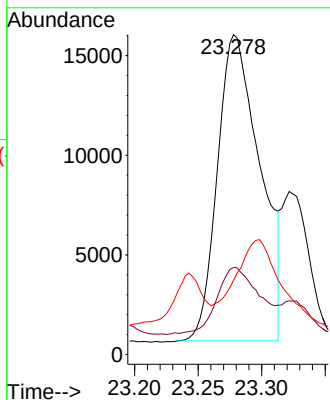
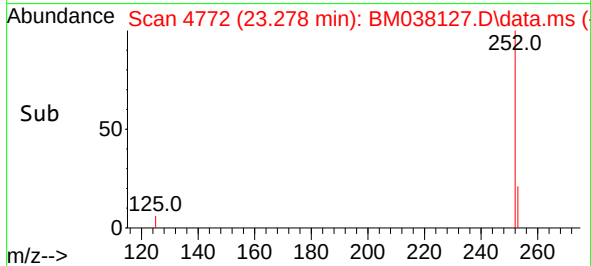
Instrument :
BNA_M
ClientSampleId :
DBYA1



Tgt Ion:252 Resp: 35906
Ion Ratio Lower Upper
252 100
253 27.2 0.0 51.8
125 23.2 0.0 42.2

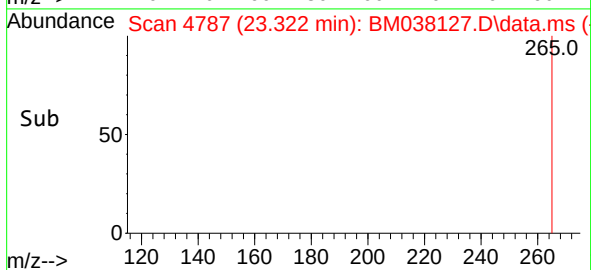
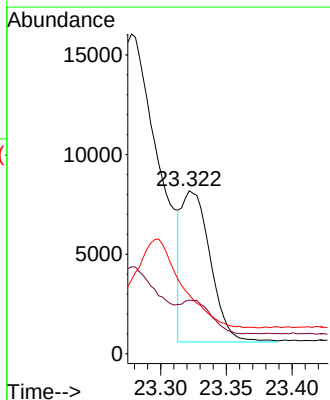
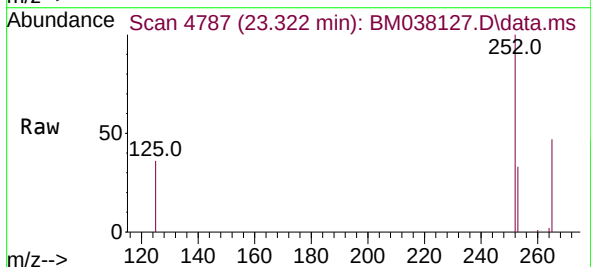
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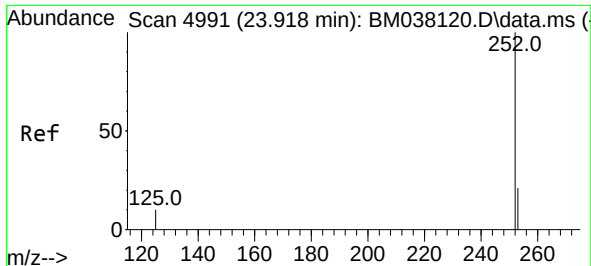
Reviewed By :Jagrut Upadhyay 12/20/2022
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#25
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. -0.009 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40

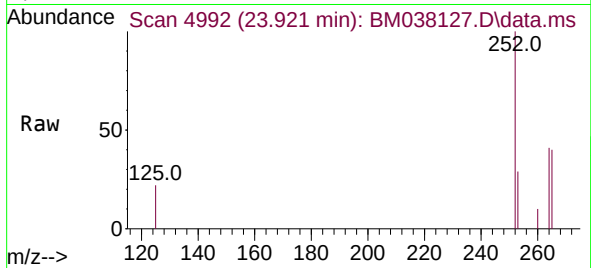
Tgt Ion:252 Resp: 11567
Ion Ratio Lower Upper
252 100
253 33.0 20.8 31.2#
125 36.2 17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. -0.003 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40

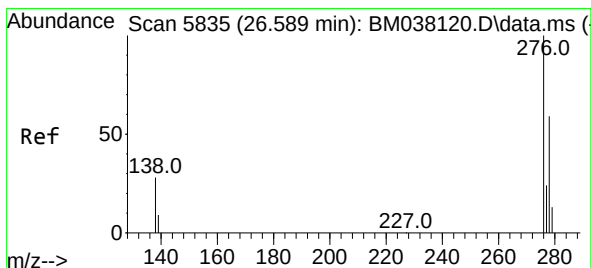
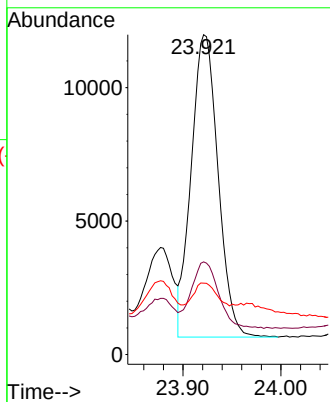
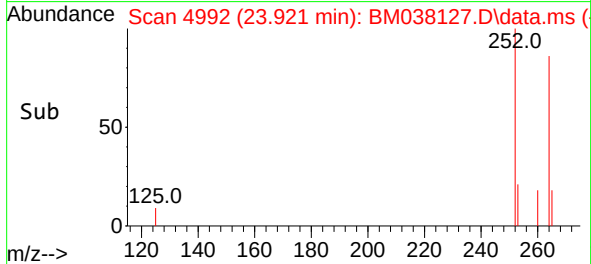
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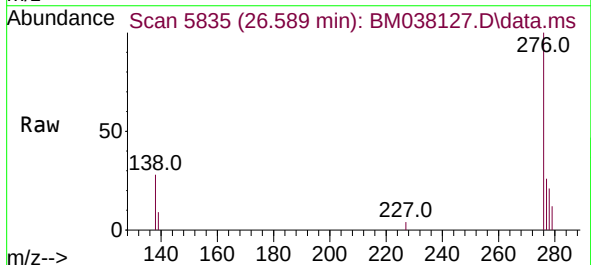
Tgt Ion:252 Resp: 21560
Ion Ratio Lower Upper
252 100
253 29.0 21.9 32.9
125 22.3 20.7 31.1

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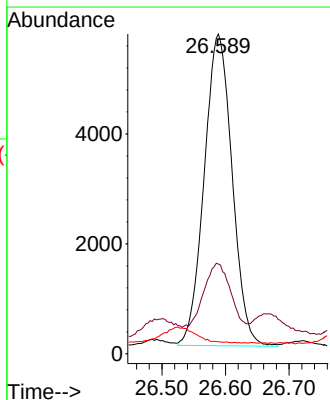
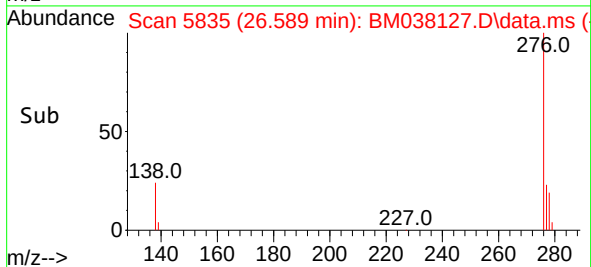
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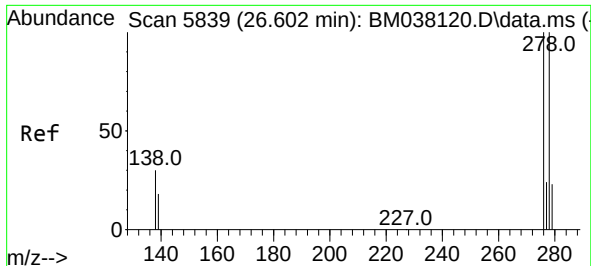


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.216 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.010 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40



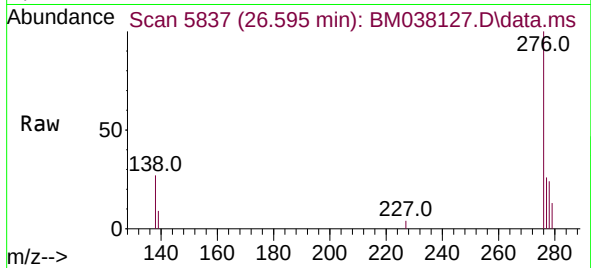
Tgt Ion:276 Resp: 17295
Ion Ratio Lower Upper
276 100
138 24.4 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 26.595 min Scan# 5839
Delta R.T. -0.020 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40

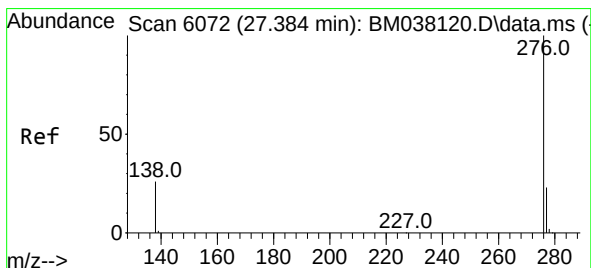
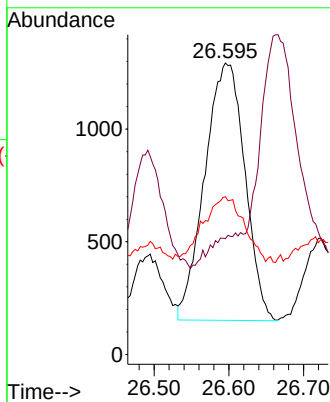
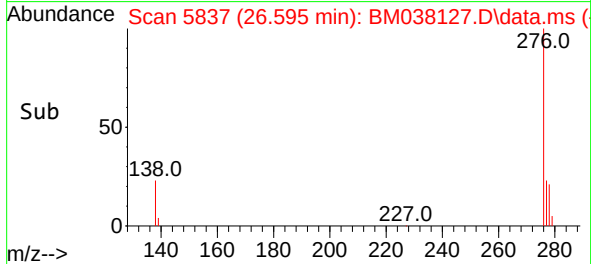
Instrument :
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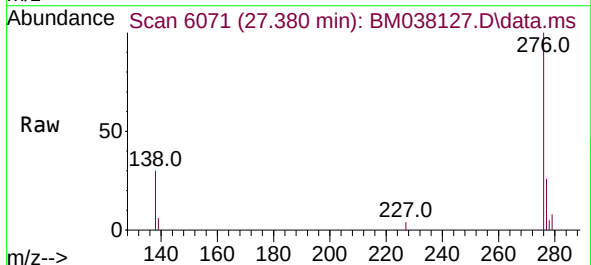
Tgt Ion:278 Resp: 425
Ion Ratio Lower Upper
278 100
139 39.8 19.0 28.6
279 54.1 22.4 33.6

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#29
Benzo(g,h,i)perylene
Concen: 0.245 ng/ul
RT: 27.380 min Scan# 6071
Delta R.T. -0.013 min
Lab File: BM038127.D
Acq: 20 Dec 2022 06:40



Tgt Ion:276 Resp: 16606
Ion Ratio Lower Upper
276 100
138 29.9 24.1 36.1
277 25.8 19.0 28.6

