

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038065.D
 Acq On : 16 Dec 2022 13:53
 Operator : CG/JU
 Sample : N5925-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXU8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 23:20:24 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 : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	6494	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	20892	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	11902	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	24915	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	18416	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	16744	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	26215	2.953	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	6983	0.229	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	16418	0.246	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	1536	0.024	ng/ul#	83
14) Pentachlorophenol	17.071	266	1642	0.159	ng/ul	96
15) Phenanthrene	17.459	178	11453	0.136	ng/ul	96
16) Anthracene	17.552	178	2382	0.031	ng/ul#	82
19) Fluoranthene	19.468	202	51800	0.545	ng/ul	97
20) Pyrene	19.831	202	34854	0.359	ng/ul	95
21) Benzo(a)anthracene	21.568	228	17687	0.222	ng/ul	95
22) Chrysene	21.623	228	20426	0.254	ng/ul	96
24) Benzo(b)fluoranthene	23.287	252	31385	0.395	ng/ul	94
25) Benzo(k)fluoranthene	23.333	252	10730m	0.140	ng/ul	
26) Benzo(a)pyrene	23.933	252	18174	0.272	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.605	276	14445	0.172	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.615	278	3791	0.058	ng/ul#	53
29) Benzo(g,h,i)perylene	27.404	276	11276	0.158	ng/ul	92

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

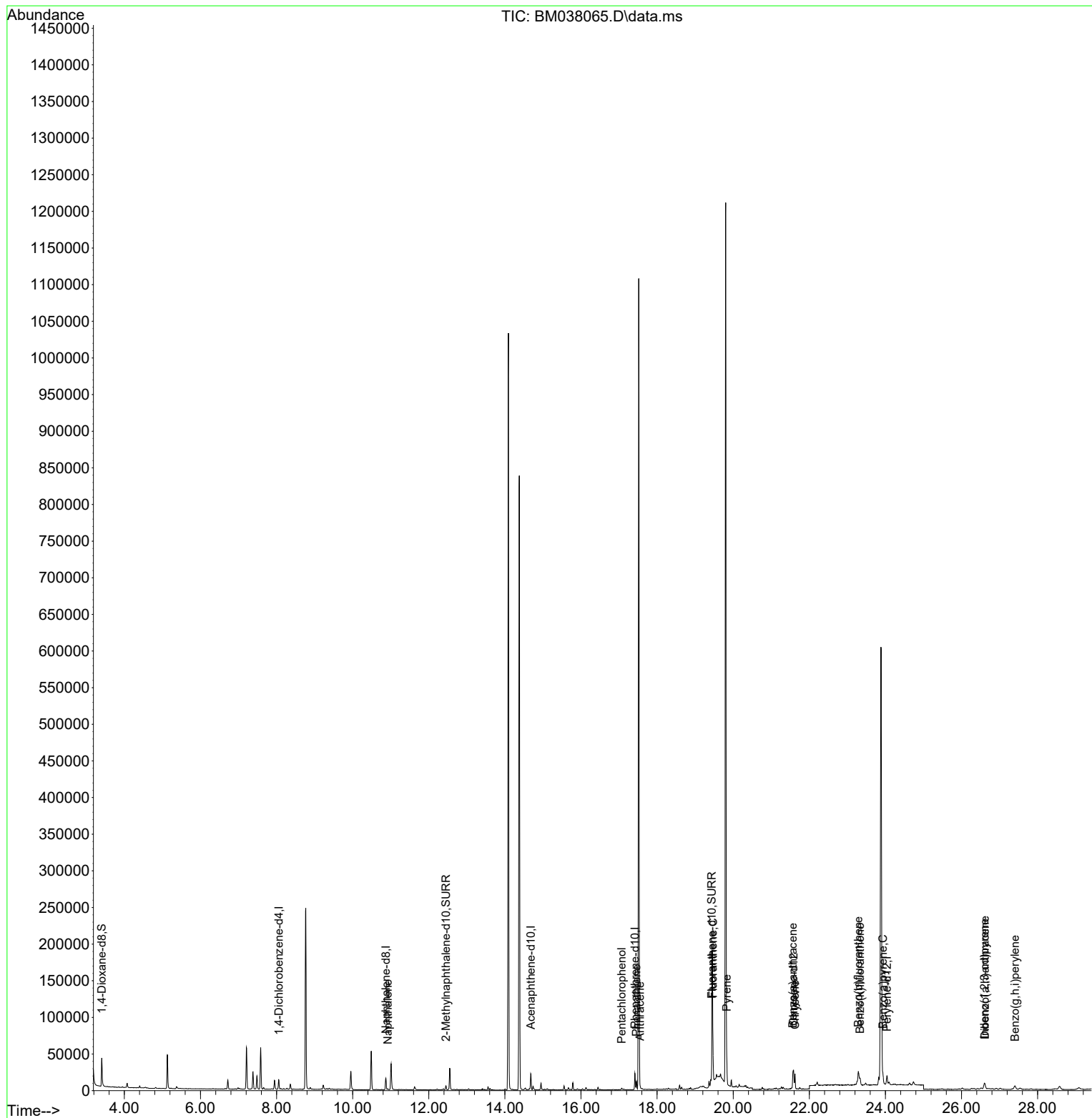
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038065.D
Acq On : 16 Dec 2022 13:53
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ALS Vial : 46 Sample Multiplier: 1

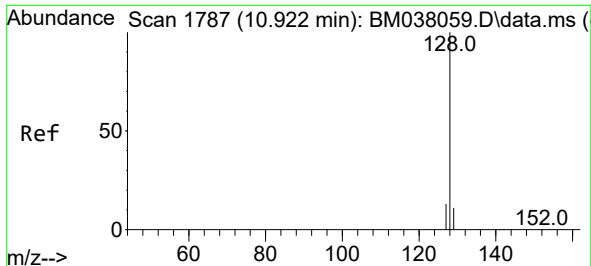
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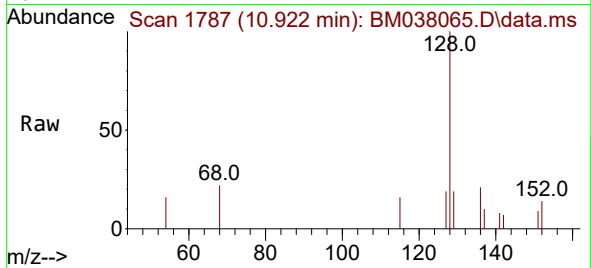
Quant Time: Dec 16 23:20:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
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#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

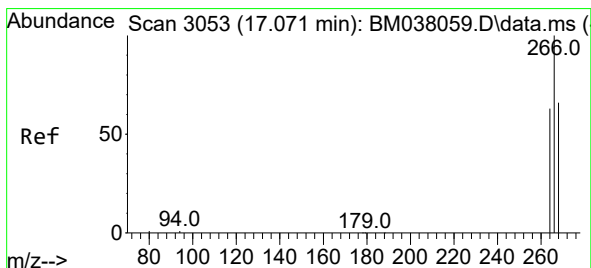
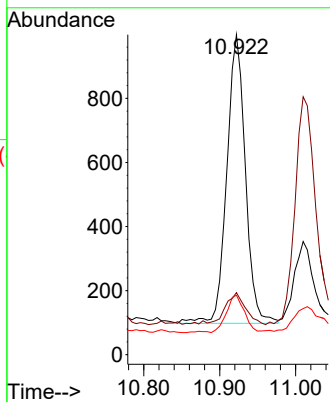
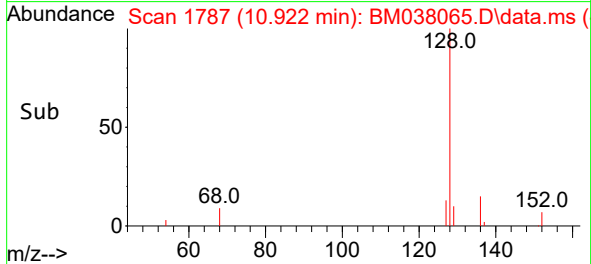
Instrument :
BNA_M
ClientSampleId :
DBXU8



Tgt Ion:128 Resp: 1530
Ion Ratio Lower Upper
128 100
129 19.4 9.1 13.7
127 18.6 10.4 15.6

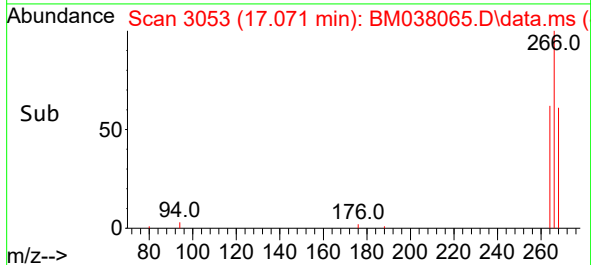
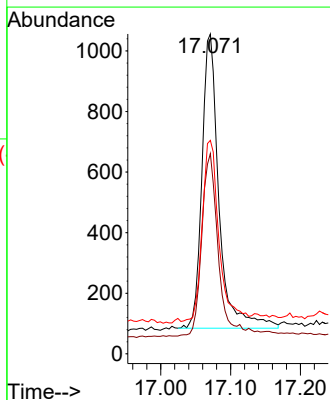
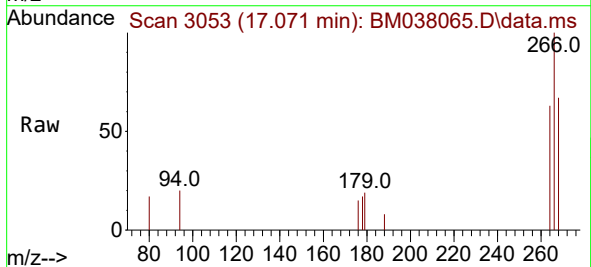
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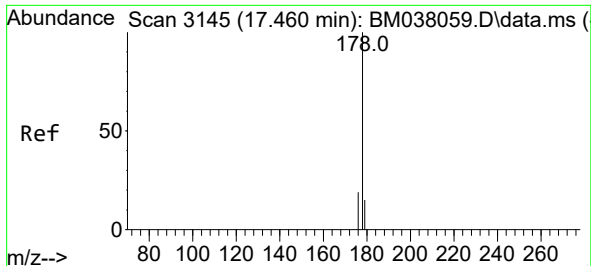
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#14
Pentachlorophenol
Concen: 0.159 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

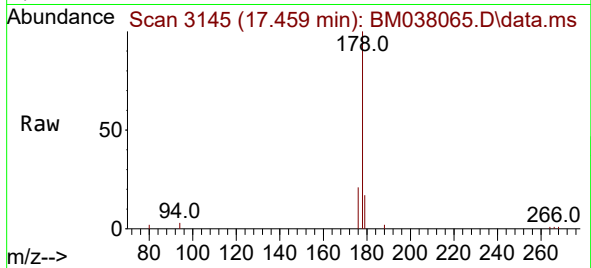
Tgt Ion:266 Resp: 1642
Ion Ratio Lower Upper
266 100
264 61.8 49.9 74.9
268 60.0 52.0 78.0





#15
Phenanthrene
Concen: 0.136 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

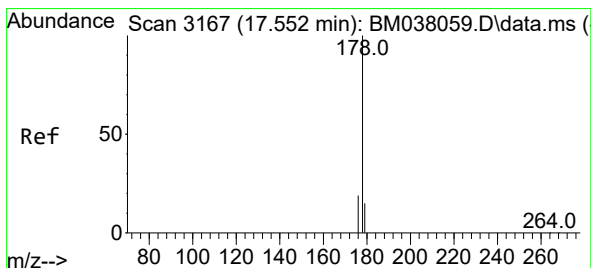
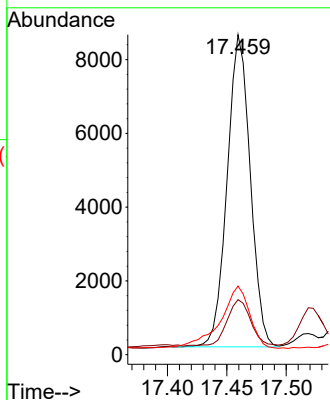
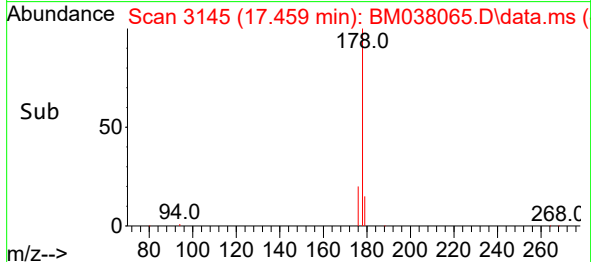
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 1145
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 21.5 15.8 23.6

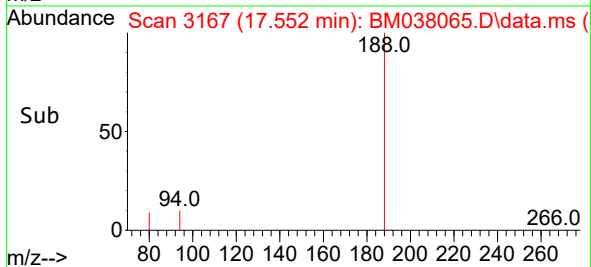
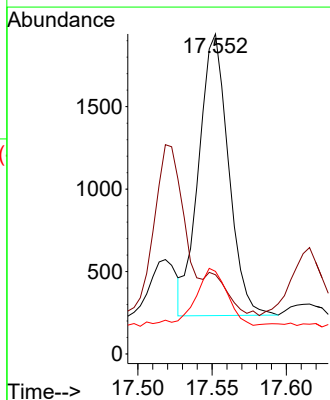
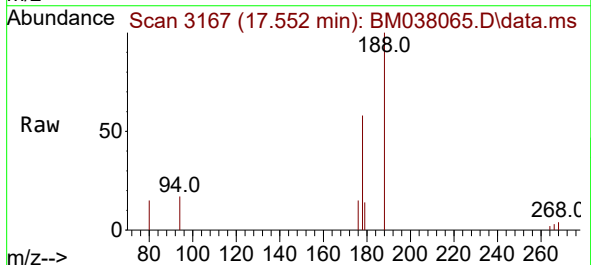
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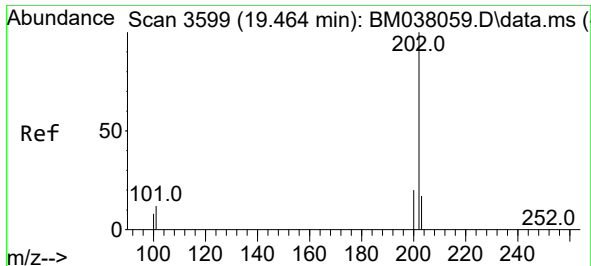
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

Tgt Ion:178 Resp: 2382
Ion Ratio Lower Upper
178 100
179 24.8 13.0 19.4#
176 25.8 15.0 22.4#





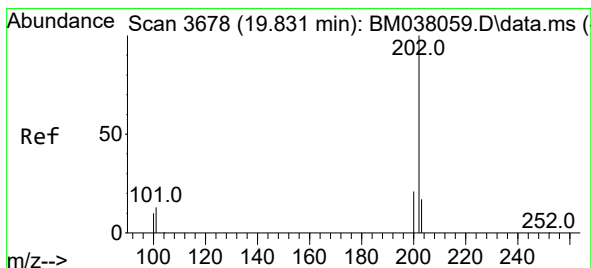
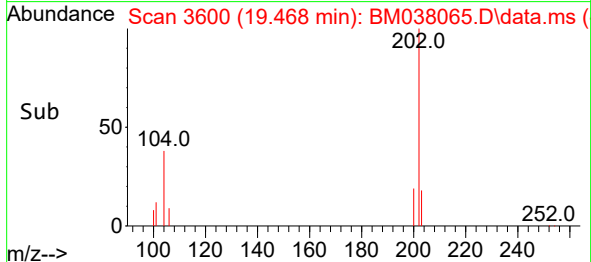
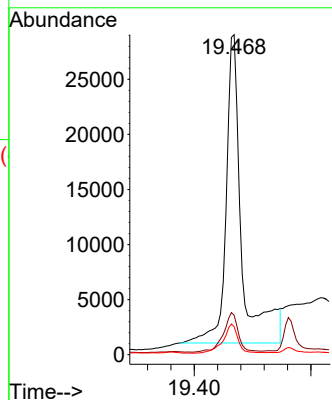
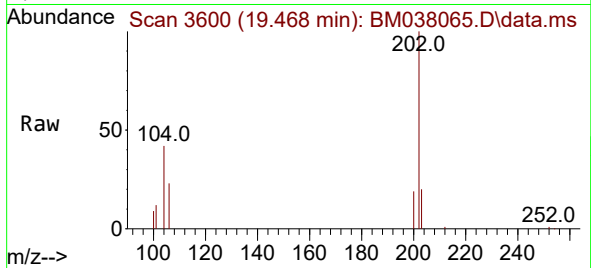
#19
Fluoranthene
Concen: 0.545 ng/ul
RT: 19.468 min Scan# 3599
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 51800
Ion Ratio Lower Upper
202 100
101 12.4 10.6 15.8
100 8.7 7.9 11.9

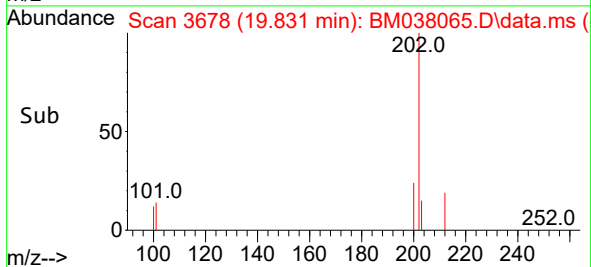
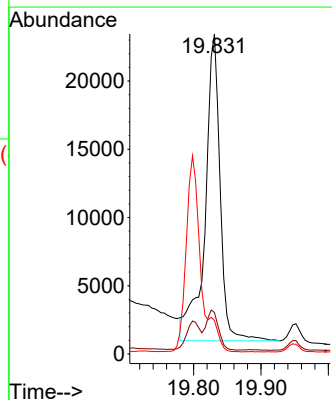
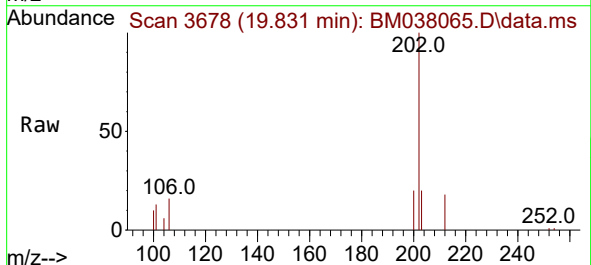
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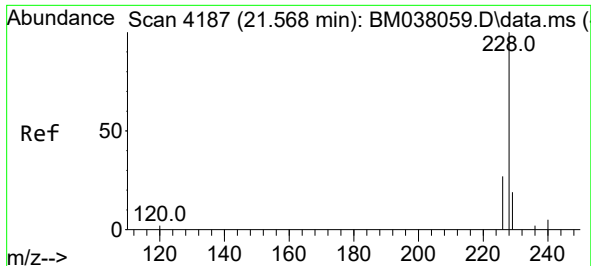
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#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

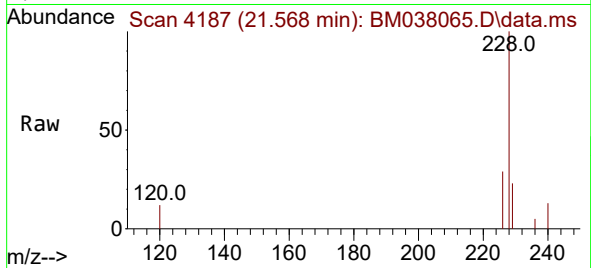
Tgt Ion:202 Resp: 34854
Ion Ratio Lower Upper
202 100
101 13.0 12.1 18.1
100 10.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

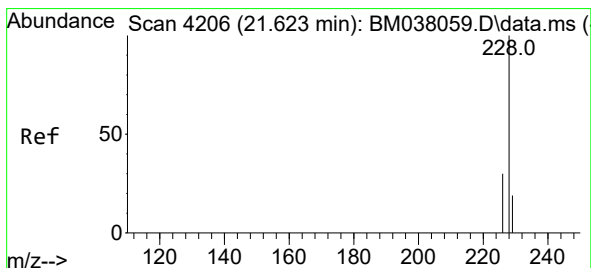
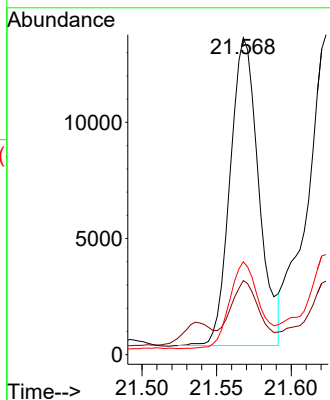
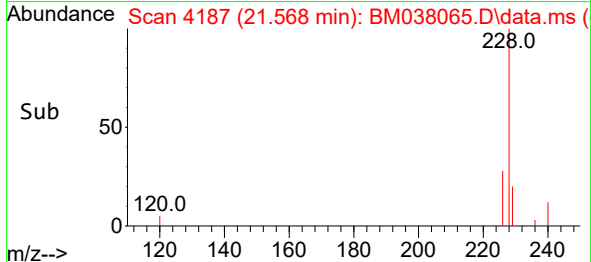
Instrument :
BNA_M
ClientSampleId :
DBXU8



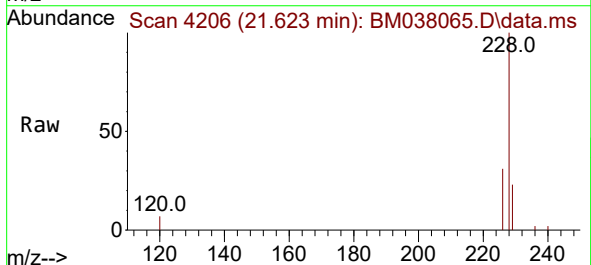
Tgt Ion:228 Resp: 1768
Ion Ratio Lower Upper
228 100
229 23.4 15.9 23.9
226 29.3 22.1 33.1

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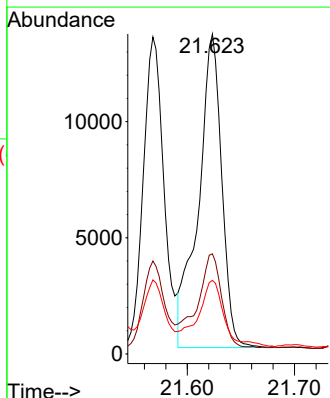
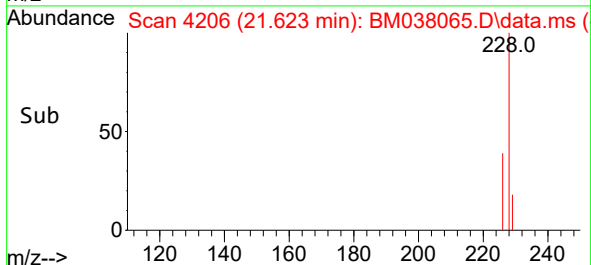
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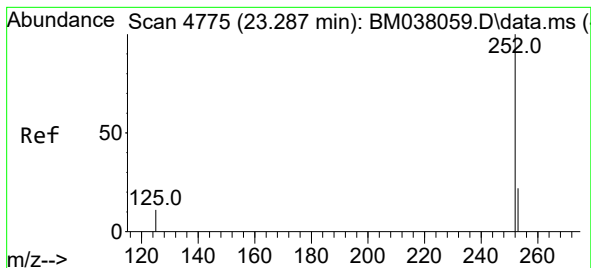


#22
Chrysene
Concen: 0.254 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. -0.000 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53



Tgt Ion:228 Resp: 20426
Ion Ratio Lower Upper
228 100
226 31.3 24.1 36.1
229 23.0 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.395 ng/ul

RT: 23.287 min Scan# 4775

Delta R.T. -0.000 min

Lab File: BM038065.D

Acq: 16 Dec 2022 13:53

Instrument :

BNM

ClientSampleId :

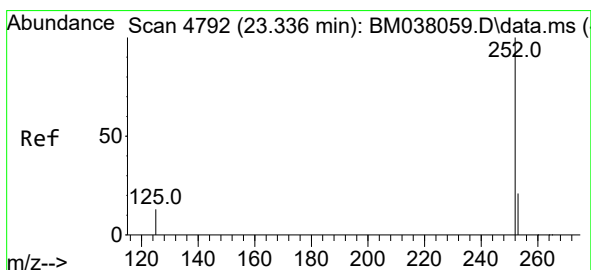
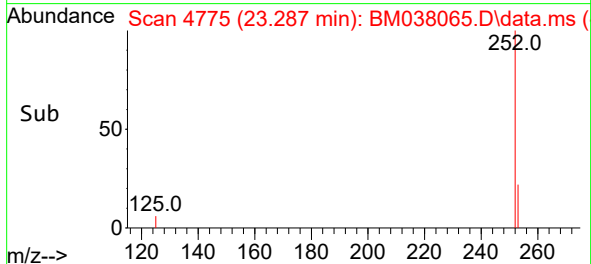
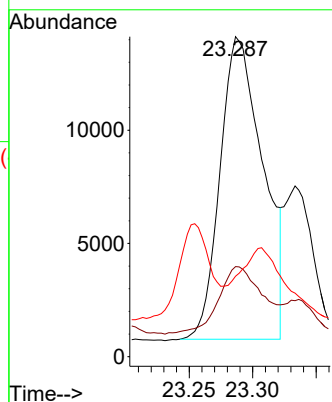
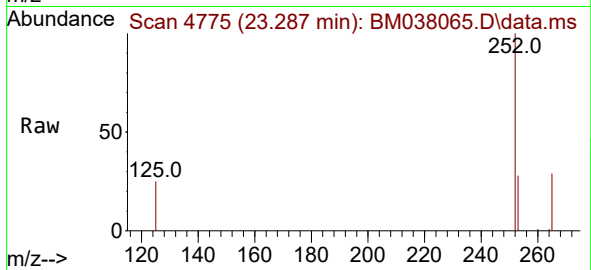
DBXU8

Tgt Ion:252	Resp:	3138
Ion Ratio	Lower	Upper
252	100	
253	28.2	0.0 51.8
125	25.1	0.0 42.2

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#25

Benzo(k)fluoranthene

Concen: 0.140 ng/ul m

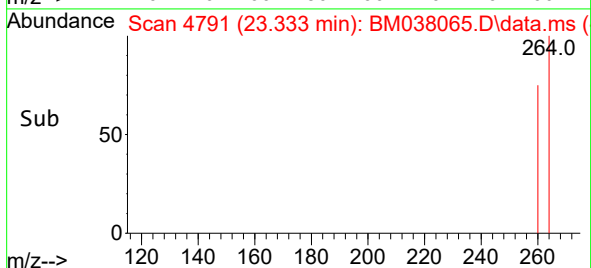
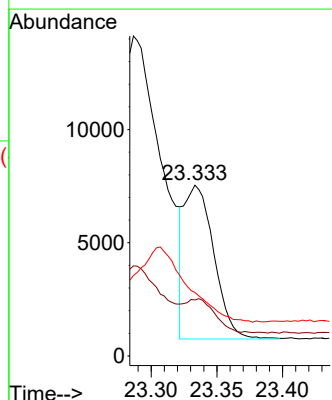
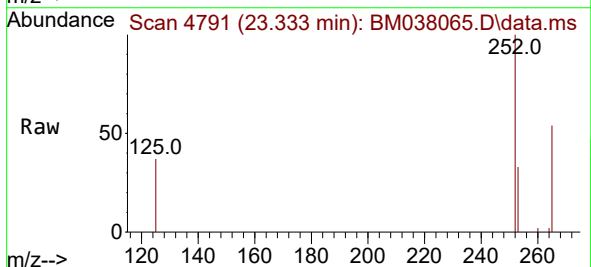
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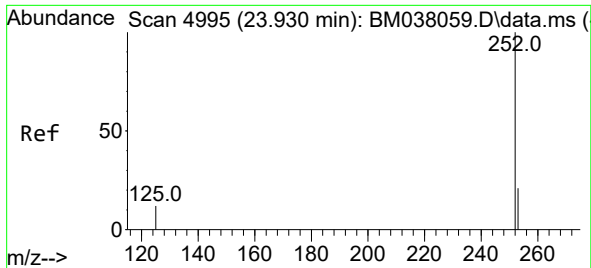
Delta R.T. -0.003 min

Lab File: BM038065.D

Acq: 16 Dec 2022 13:53

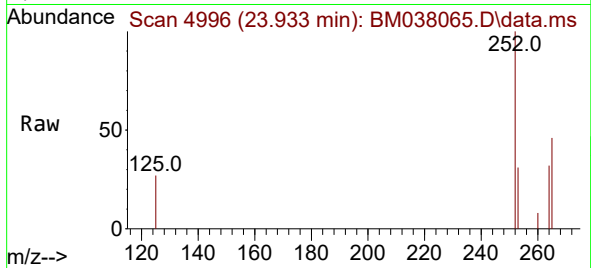
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Ion Ratio	Lower	Upper
252	100	
253	32.8	20.8 31.2#
125	37.2	17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.272 ng/ul
RT: 23.933 min Scan# 4996
Delta R.T. 0.003 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

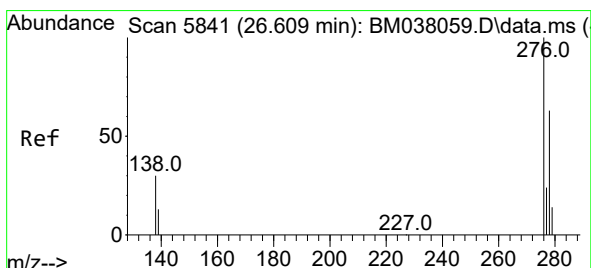
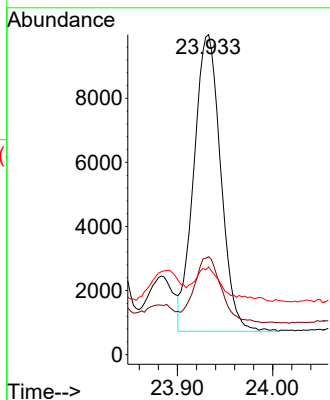
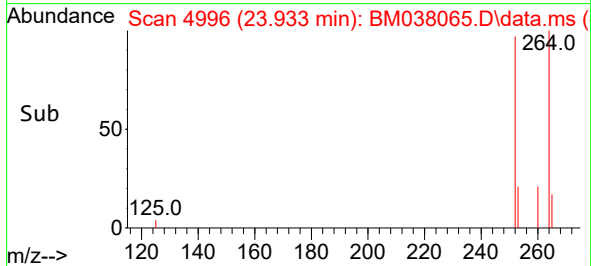
Instrument :
BNA_M
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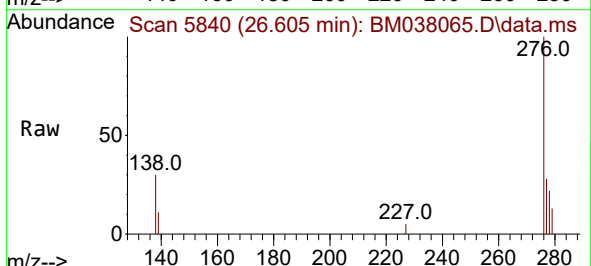
Tgt Ion:252 Resp: 18174
Ion Ratio Lower Upper
252 100
253 30.6 21.9 32.9
125 27.4 20.7 31.1

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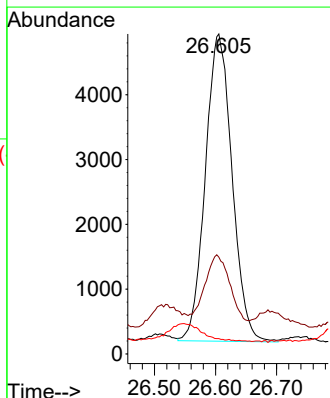
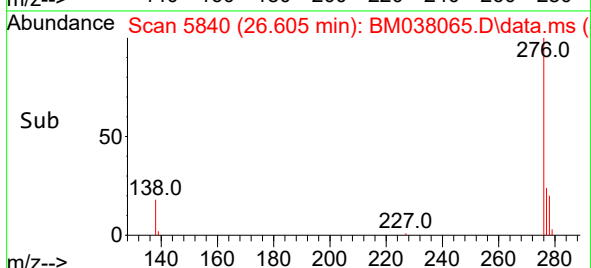
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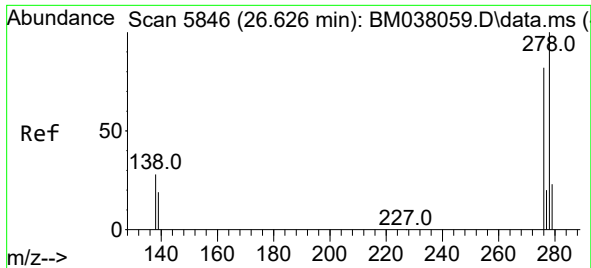


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 26.605 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53



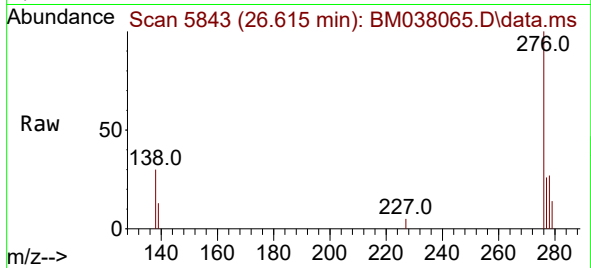
Tgt Ion:276 Resp: 14445
Ion Ratio Lower Upper
276 100
138 23.0 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.615 min Scan# 5843
Delta R.T. -0.007 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

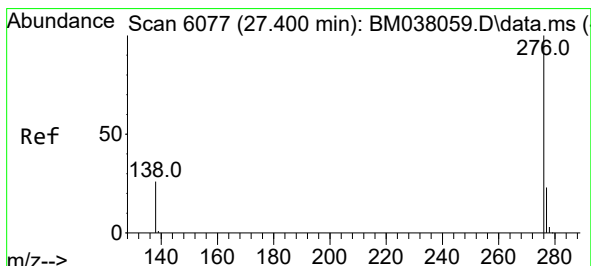
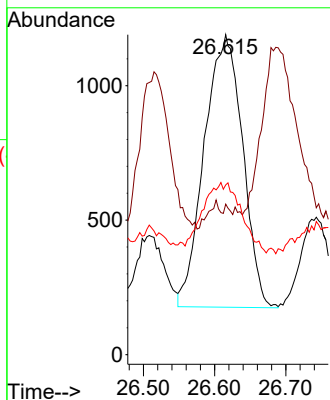
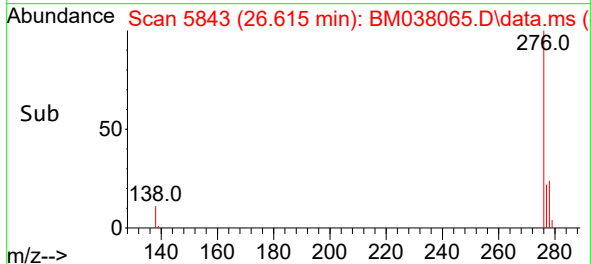
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:278 Resp: 379
Ion Ratio Lower Upper
278 100
139 47.1 19.0 28.6
279 53.0 22.4 33.6

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#29
Benzo(g,h,i)perylene
Concen: 0.158 ng/ul
RT: 27.404 min Scan# 6078
Delta R.T. 0.003 min
Lab File: BM038065.D
Acq: 16 Dec 2022 13:53

Tgt Ion:276 Resp: 11276
Ion Ratio Lower Upper
276 100
138 34.0 24.1 36.1
277 27.7 19.0 28.6

