

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038298.D
 Acq On : 25 Dec 2022 08:17
 Operator : CG/JU
 Sample : N6016-21
 Misc :
 ALS Vial : 107 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYE6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 23:54:36 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 : Sat Dec 24 05:23:31 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3240	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	9715	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5784	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11480	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8647	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	7927	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	9598	2.912	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	2878	0.201	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5970	0.184	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.434	178	1352	0.035	ng/ul#	82
19) Fluoranthene	19.445	202	4215	0.089	ng/ul#	78
20) Pyrene	19.808	202	3545	0.074	ng/ul#	92
21) Benzo(a)anthracene	21.548	228	2254	0.059	ng/ul#	85
22) Chrysene	21.603	228	2632	0.071	ng/ul#	88
24) Benzo(b)fluoranthene	23.263	252	4309	0.123	ng/ul#	53
25) Benzo(k)fluoranthene	23.304	252	1350m	0.040	ng/ul	
26) Benzo(a)pyrene	23.901	252	2680	0.088	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	26.559	276	2276	0.054	ng/ul#	48
29) Benzo(g,h,i)perylene	27.357	276	2337	0.065	ng/ul#	68

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

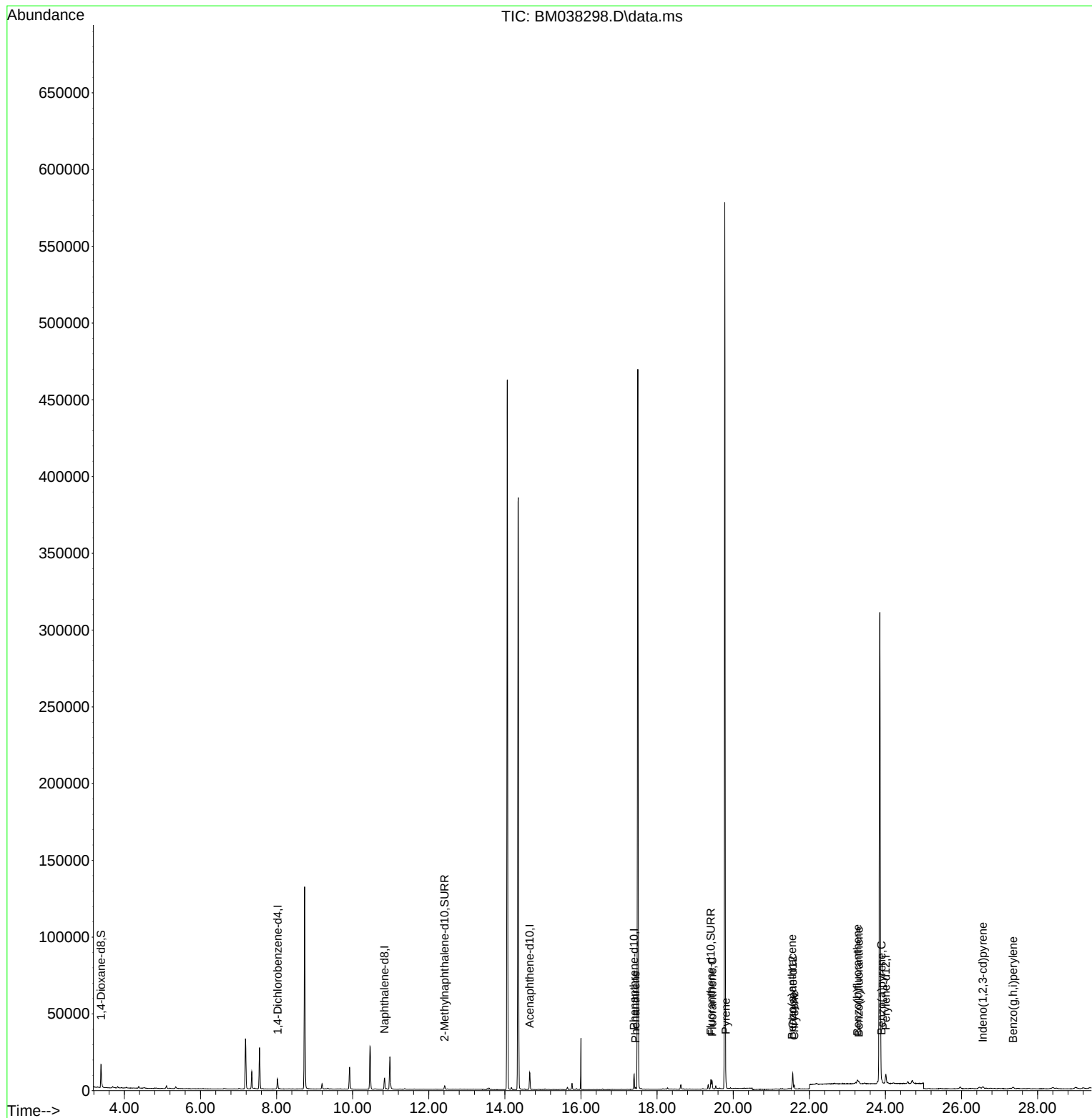
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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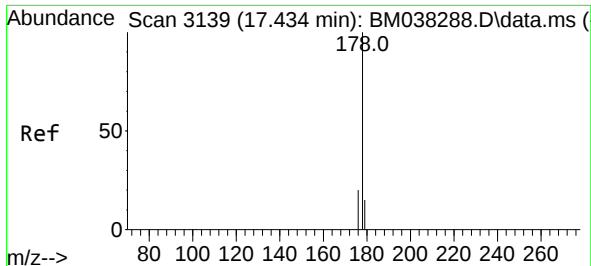
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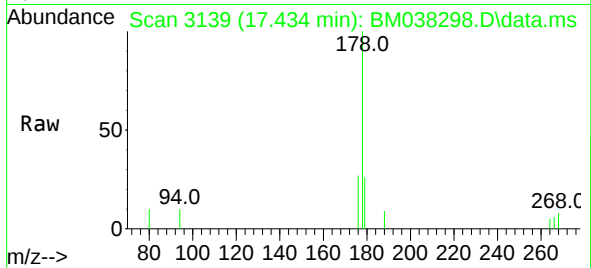
Quant Time: Dec 25 23:54:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
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#15
Phenanthrene
Concen: 0.035 ng/u1
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038298.D
Acq: 25 Dec 2022 08:17

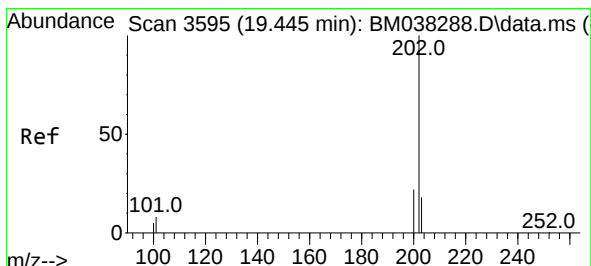
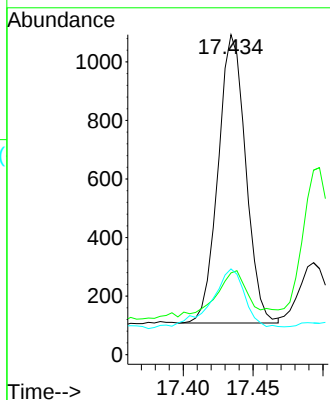
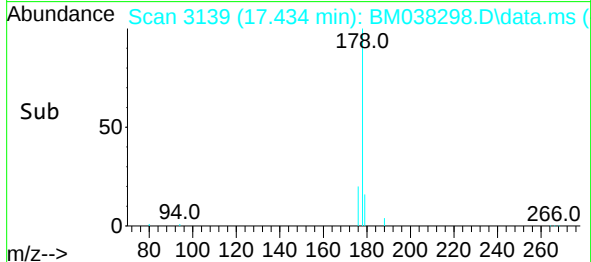
Instrument :
BNA_M
ClientSampleId :
DBYE6



Tgt Ion:178 Resp: 1352
Ion Ratio Lower Upper
178 100
179 25.5 13.0 19.4#
176 26.8 16.2 24.4#

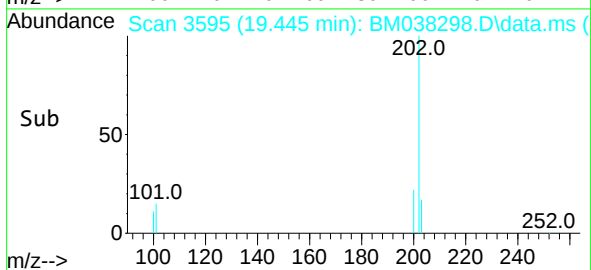
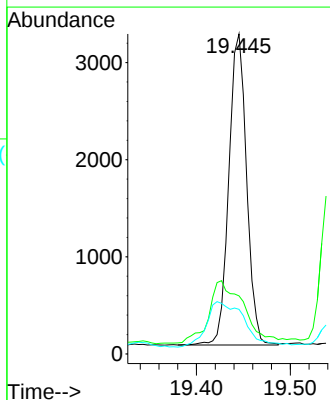
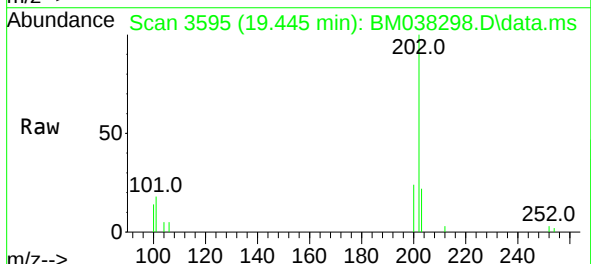
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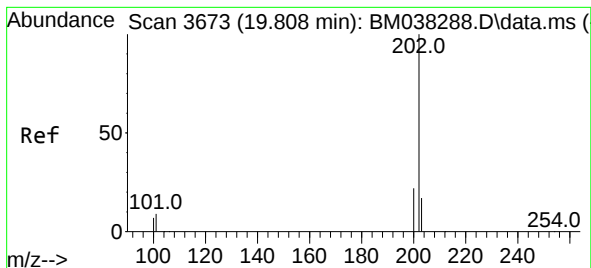
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#19
Fluoranthene
Concen: 0.089 ng/u1
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038298.D
Acq: 25 Dec 2022 08:17

Tgt Ion:202 Resp: 4215
Ion Ratio Lower Upper
202 100
101 18.1 7.5 11.3#
100 13.9 5.6 8.4#





#20

Pyrene

Concen: 0.074 ng/ul

RT: 19.808 min Scan# 30

Delta R.T. -0.005 min

Lab File: BM038298.D

Acq: 25 Dec 2022 08:17

Instrument :

BNA_M

ClientSampleId :

DBYE6

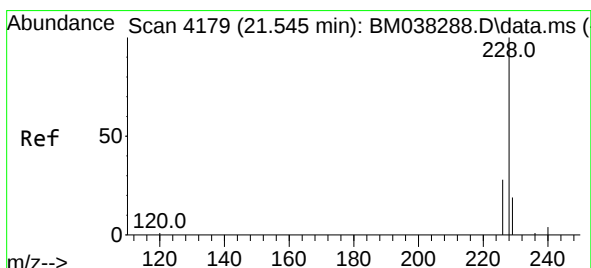
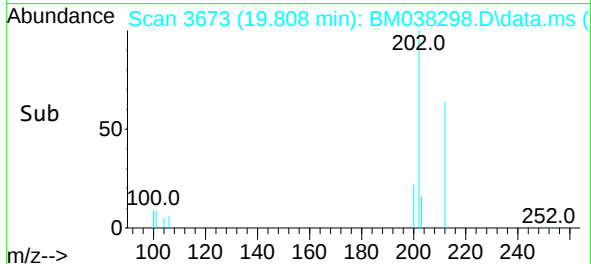
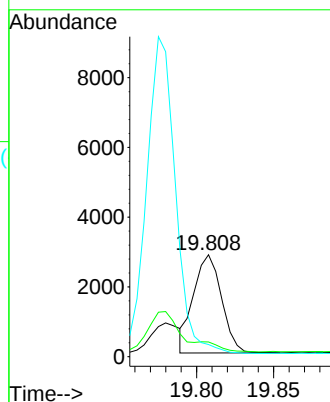
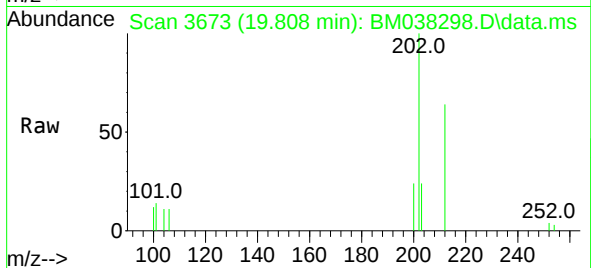
Tgt Ion:	202	Resp:	354
Ion	Ratio	Lower	Upper
202	100		
101	14.4	8.9	13.3
100	12.0	7.4	11.0

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#21

Benzo(a)anthracene

Concen: 0.059 ng/ul

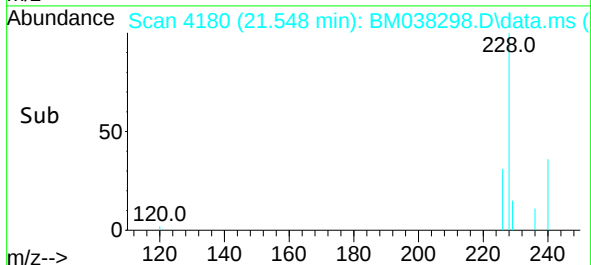
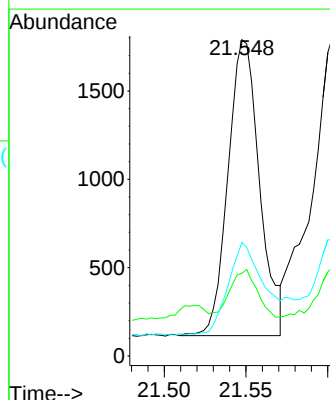
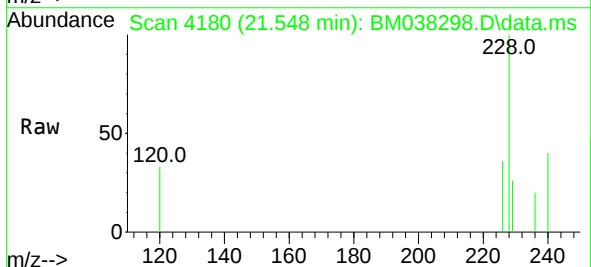
RT: 21.548 min Scan# 4180

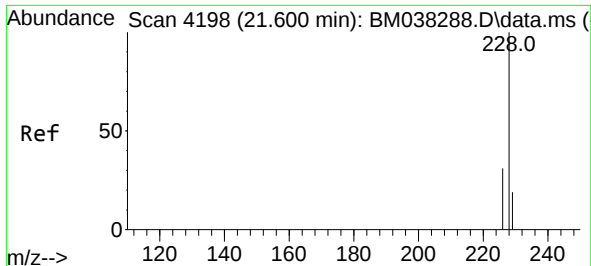
Delta R.T. -0.003 min

Lab File: BM038298.D

Acq: 25 Dec 2022 08:17

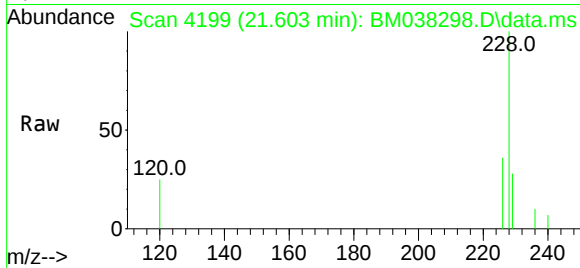
Tgt Ion:	228	Resp:	2254
Ion	Ratio	Lower	Upper
228	100		
229	26.1	15.5	23.3
226	35.9	22.2	33.2





#22
Chrysene
Concen: 0.071 ng/u1
RT: 21.603 min Scan# 4198
Delta R.T. -0.003 min
Lab File: BM038298.D
Acq: 25 Dec 2022 08:17

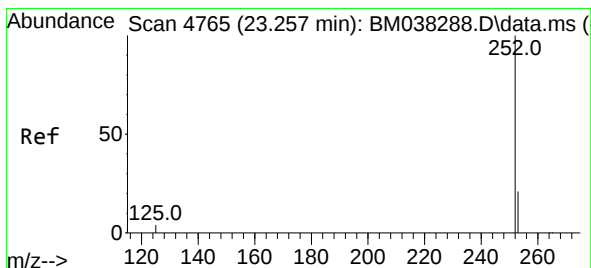
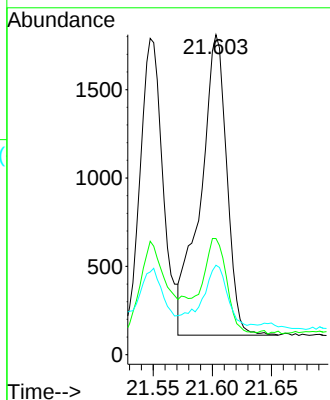
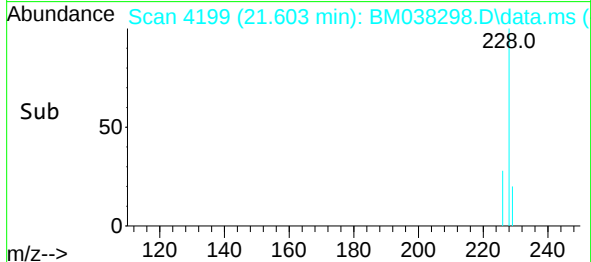
Instrument :
BNA_M
ClientSampleId :
DBYE6



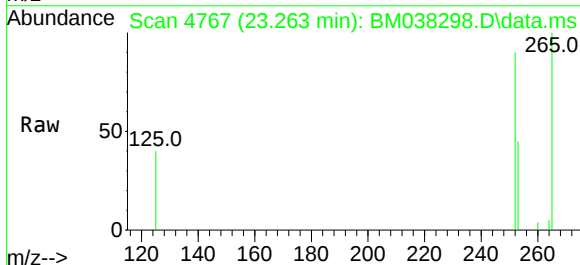
Tgt Ion:228 Resp: 2632
Ion Ratio Lower Upper
228 100
226 36.3 25.0 37.4
229 27.9 16.0 24.0

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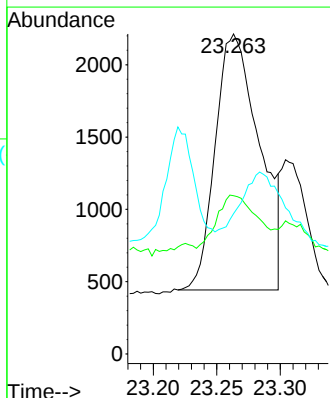
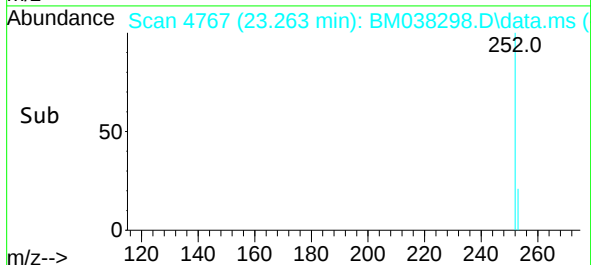
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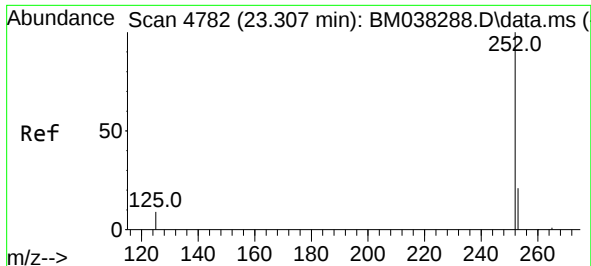


#24
Benzo(b)fluoranthene
Concen: 0.123 ng/u1
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038298.D
Acq: 25 Dec 2022 08:17



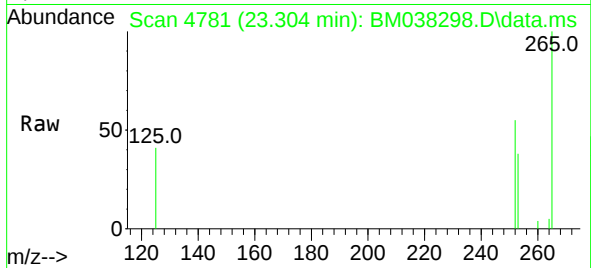
Tgt Ion:252 Resp: 4309
Ion Ratio Lower Upper
252 100
253 49.5 0.0 56.0
125 43.9 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 23.304 min Scan# 4781
Delta R.T. -0.009 min
Lab File: BM038298.D
Acq: 25 Dec 2022 08:17

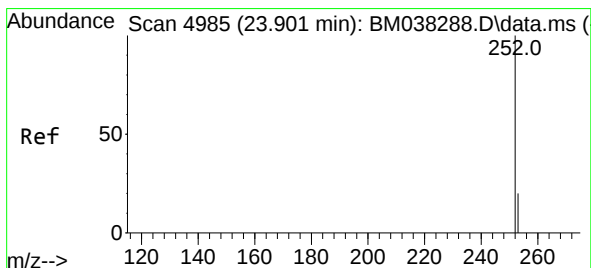
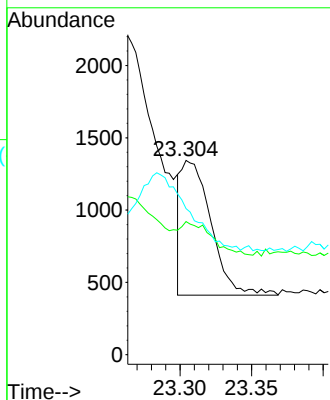
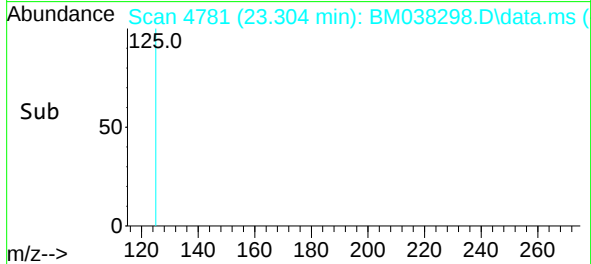
Instrument :
BNA_M
ClientSampleId :
DBYE6



Tgt Ion:252 Resp: 1350
Ion Ratio Lower Upper
252 100
253 68.6 22.5 33.7#
125 75.3 14.4 21.6#

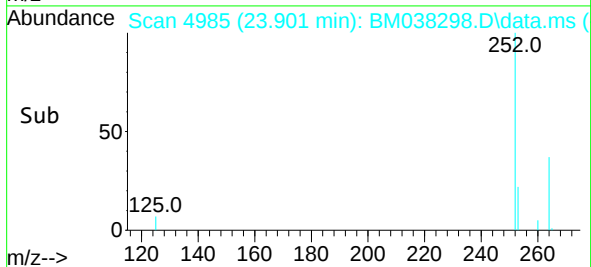
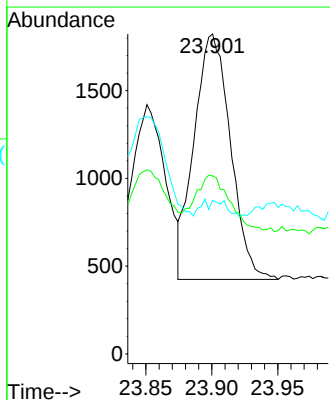
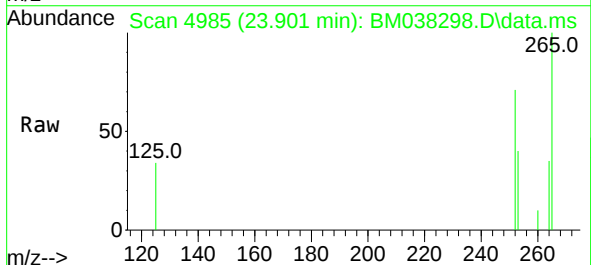
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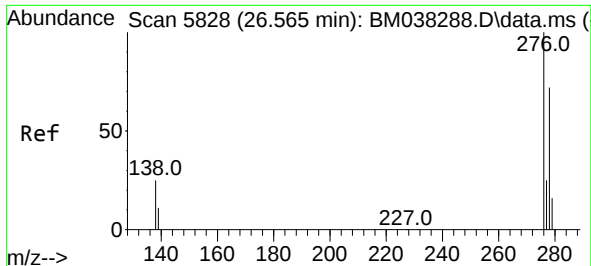
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#26
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038298.D
Acq: 25 Dec 2022 08:17

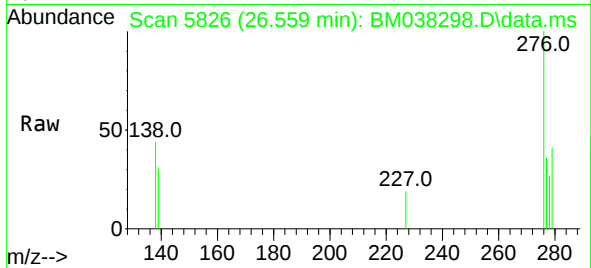
Tgt Ion:252 Resp: 2680
Ion Ratio Lower Upper
252 100
253 55.6 24.2 36.4#
125 48.0 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng/ul
RT: 26.559 min Scan# 5826
Delta R.T. -0.010 min
Lab File: BM038298.D
Acq: 25 Dec 2022 08:17

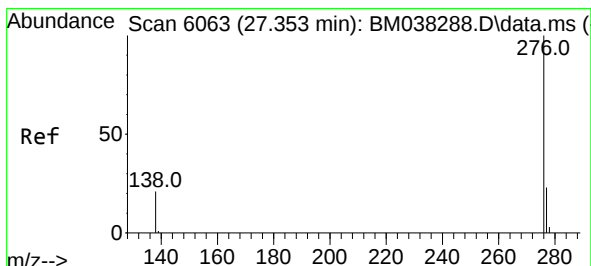
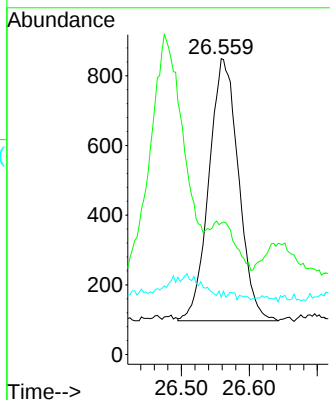
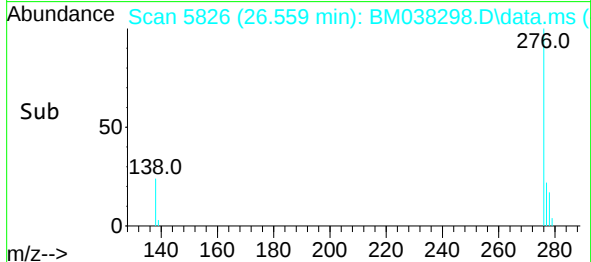
Instrument :
BNA_M
ClientSampleId :
DBYE6



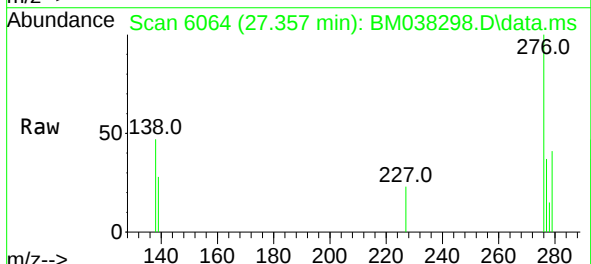
Tgt Ion:276 Resp: 2270
Ion Ratio Lower Upper
276 100
138 0.0 21.7 32.5#
227 0.5 0.0 0.0#

Manual Integrations
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Supervised By :Sohil Jodhani 12/26/2022



#29
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 27.357 min Scan# 6064
Delta R.T. -0.003 min
Lab File: BM038298.D
Acq: 25 Dec 2022 08:17



Tgt Ion:276 Resp: 2337
Ion Ratio Lower Upper
276 100
138 47.1 20.8 31.2#
277 37.2 20.5 30.7#

