

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045592.D
 Acq On : 26 Apr 2024 17:48
 Operator : MA/JU
 Sample : P2203-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 26 18:17:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	872	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2507	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.192	164	1382	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.959	188	2429m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.189	240	1945	0.400	ng/ul	0.00
23) Perylene-d12	23.367	264	2523m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	5160	4.415	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.914	152	947	0.286	ng/ul	-0.02
18) Fluoranthene-d10	19.002	212	1464	0.239	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	175	0.026	ng/ul#	19
15) Phenanthrene	17.002	178	265m	0.037	ng/ul	
19) Fluoranthene	19.034	202	426	0.047	ng/ul#	70
20) Pyrene	19.397	202	396	0.043	ng/ul#	41
21) Benzo(a)anthracene	21.181	228	199	0.032	ng/ul#	38
22) Chrysene	21.227	228	211	0.022	ng/ul#	40
24) Benzo(b)fluoranthene	22.712	252	466	0.055	ng/ul#	1
26) Benzo(a)pyrene	23.264	252	243	0.028	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.581	276	293	0.023	ng/ul#	85
29) Benzo(g,h,i)perylene	26.238	276	301	0.026	ng/ul#	11

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

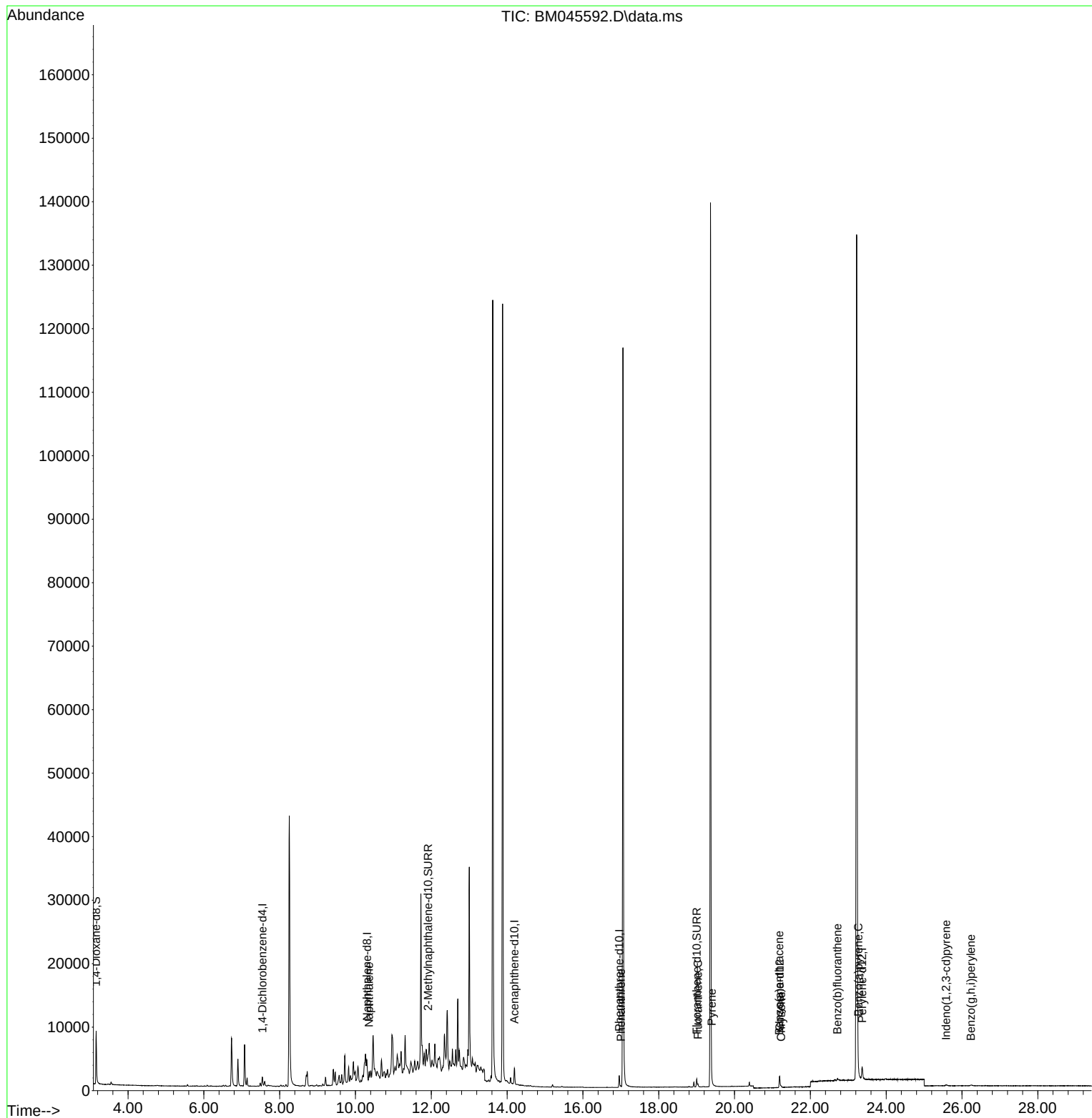
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
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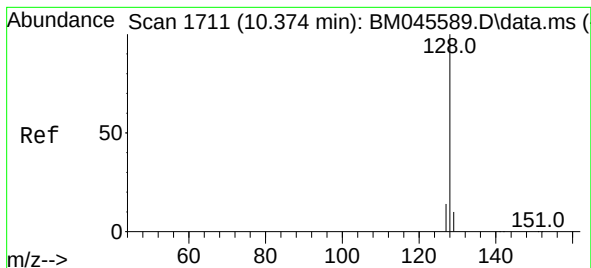
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#5

Naphthalene

Concen: 0.026 ng/ul

RT: 10.358 min Scan# 1708

Delta R.T. -0.022 min

Lab File: BM045592.D

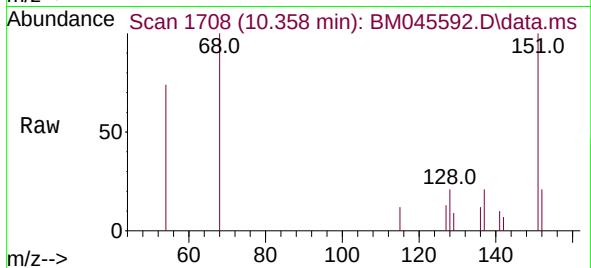
Acq: 26 Apr 2024 17:48

Instrument :

BNA_M

ClientSampleId :

E1CX2



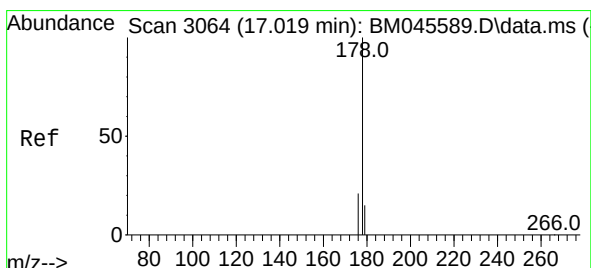
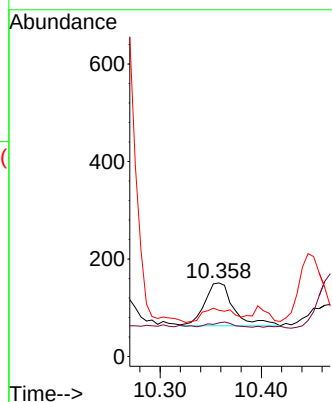
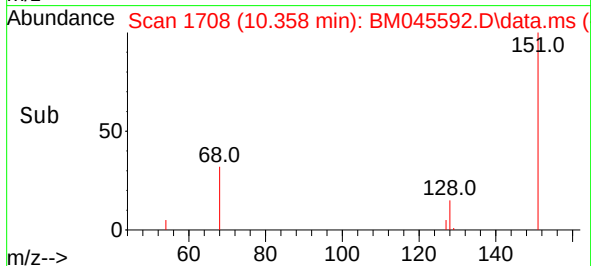
Tgt Ion:	128	Resp:	170
Ion Ratio	Lower	Upper	
128	100		
129	45.7	14.0	21.0#
127	62.9	15.4	23.2#

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#15

Phenanthrene

Concen: 0.037 ng/ul m

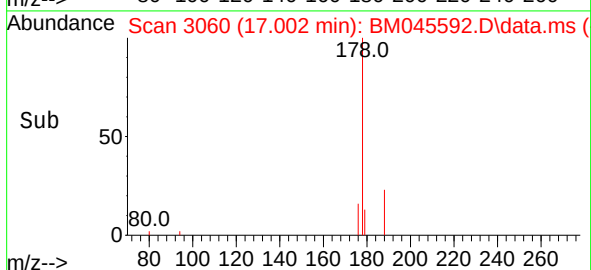
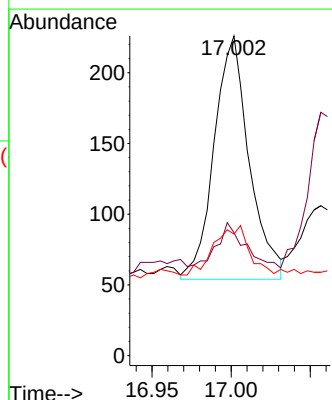
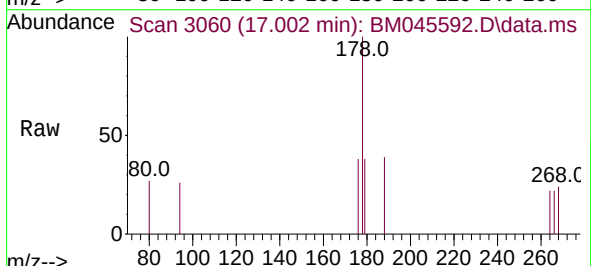
RT: 17.002 min Scan# 3060

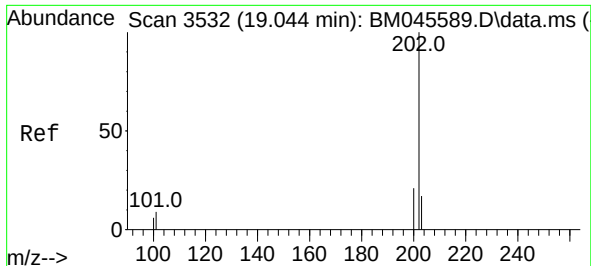
Delta R.T. -0.020 min

Lab File: BM045592.D

Acq: 26 Apr 2024 17:48

Tgt Ion:	178	Resp:	265
Ion Ratio	Lower	Upper	
178	100		
179	38.5	15.4	23.2#
176	38.1	19.0	28.4#





#19

Fluoranthene

Concen: 0.047 ng/ul

RT: 19.034 min Scan# 3532

Delta R.T. -0.013 min

Lab File: BM045592.D

Acq: 26 Apr 2024 17:48

Instrument :

BNA_M

ClientSampleId :

E1CX2

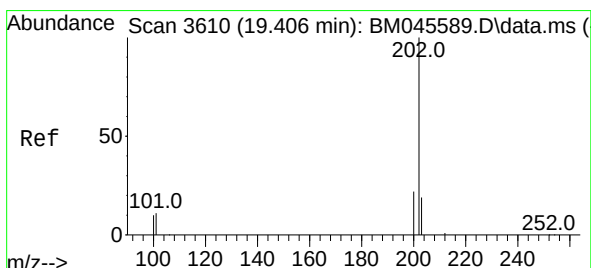
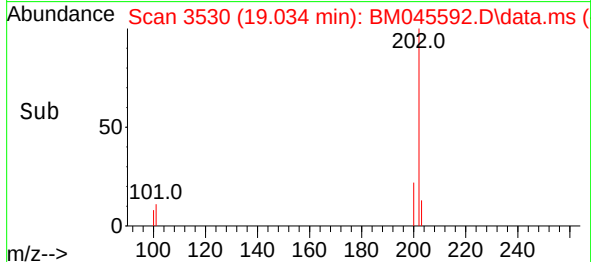
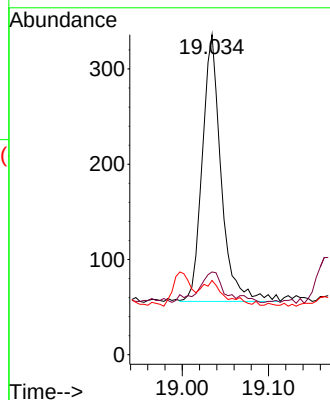
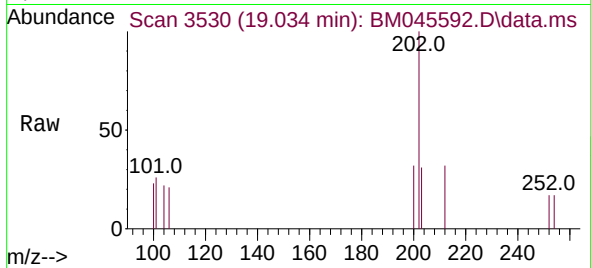
Tgt Ion:	202	Resp:	420
Ion	Ratio	Lower	Upper
202	100		
101	25.9	11.2	16.8#
100	23.2	9.1	13.7#

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#20

Pyrene

Concen: 0.043 ng/ul

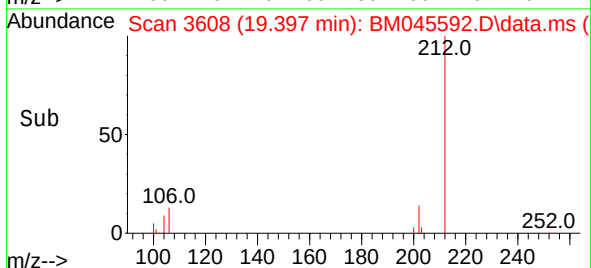
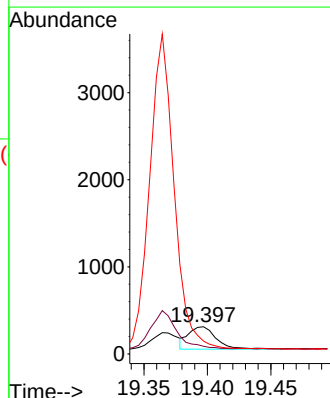
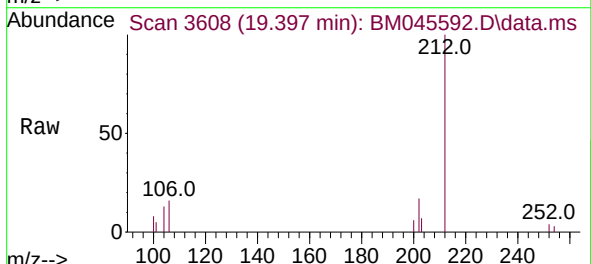
RT: 19.397 min Scan# 3608

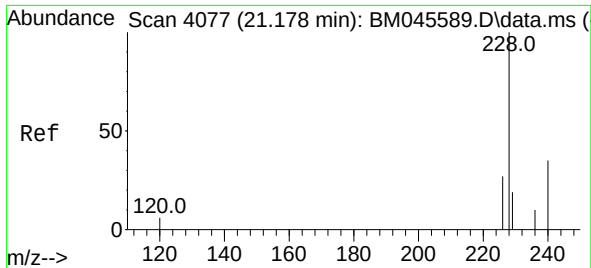
Delta R.T. -0.018 min

Lab File: BM045592.D

Acq: 26 Apr 2024 17:48

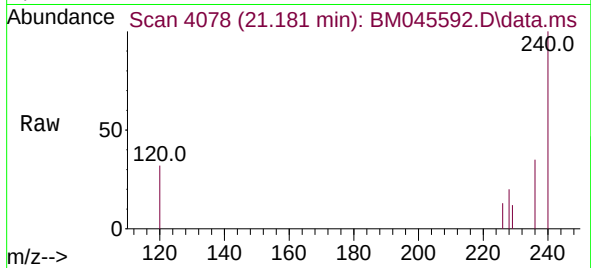
Tgt Ion:	202	Resp:	396
Ion	Ratio	Lower	Upper
202	100		
101	28.5	11.5	17.3#
100	47.1	10.6	15.8#





#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.181 min Scan# 4077
Delta R.T. -0.001 min
Lab File: BM045592.D
Acq: 26 Apr 2024 17:48

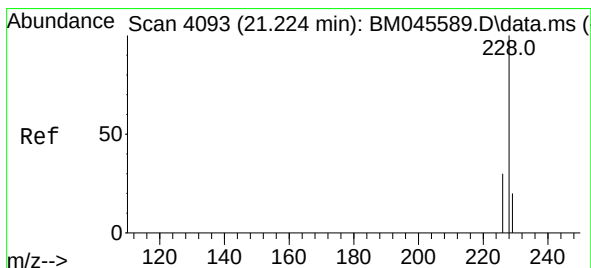
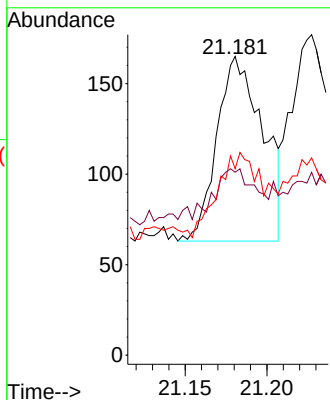
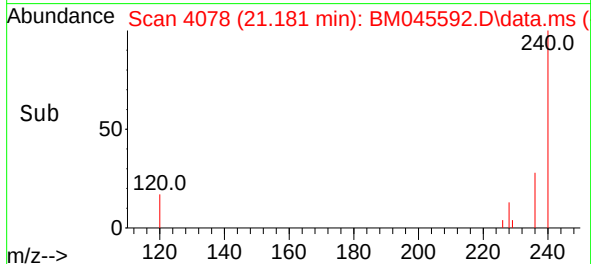
Instrument :
BNA_M
ClientSampleId :
E1CX2



Tgt Ion:228 Resp: 199
Ion Ratio Lower Upper
228 100
229 61.2 19.4 29.2#
226 62.4 26.3 39.5#

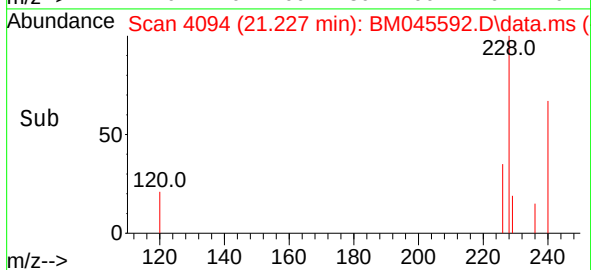
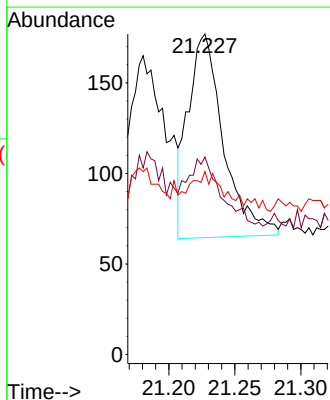
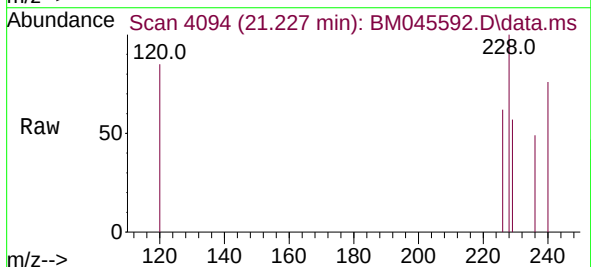
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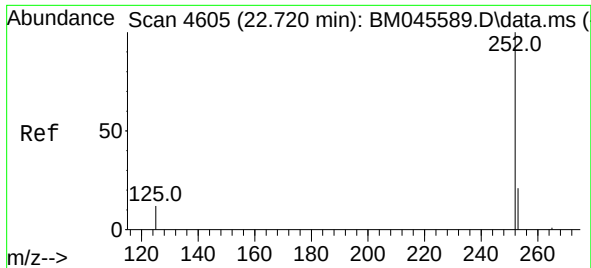
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#22
Chrysene
Concen: 0.022 ng/ul
RT: 21.227 min Scan# 4094
Delta R.T. -0.001 min
Lab File: BM045592.D
Acq: 26 Apr 2024 17:48

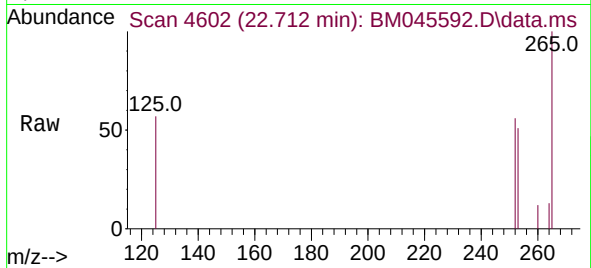
Tgt Ion:228 Resp: 211
Ion Ratio Lower Upper
228 100
226 61.6 26.3 39.5#
229 57.1 17.8 26.8#





#24
Benzo(b)fluoranthene
Concen: 0.055 ng/ul
RT: 22.712 min Scan# 4605
Delta R.T. -0.018 min
Lab File: BM045592.D
Acq: 26 Apr 2024 17:48

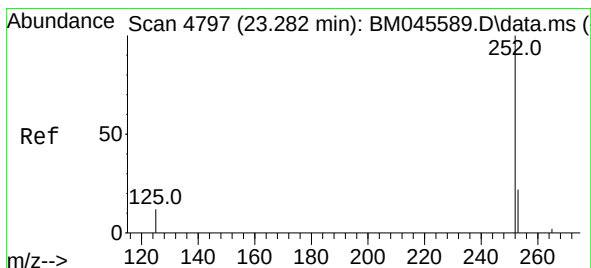
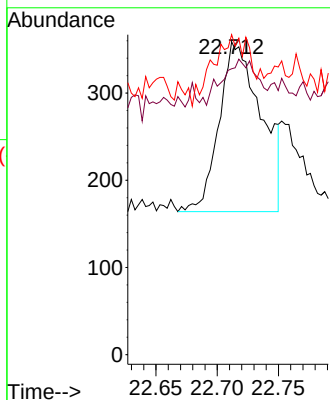
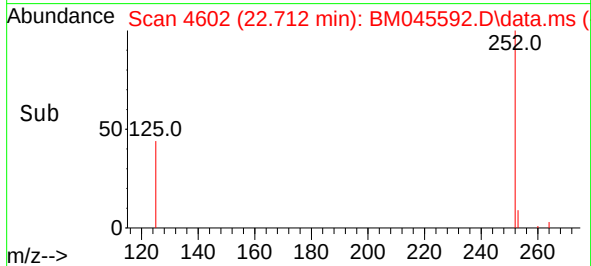
Instrument :
BNA_M
ClientSampleId :
E1CX2



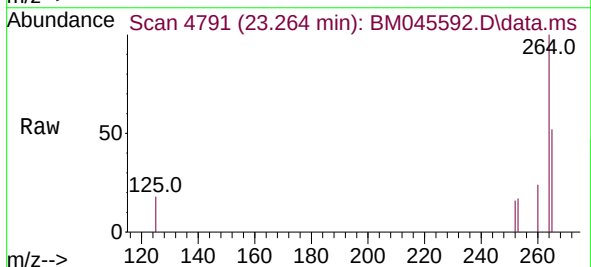
Tgt Ion:252 Resp: 460
Ion Ratio Lower Upper
252 100
253 91.4 0.0 63.4#
125 102.2 0.0 36.8#

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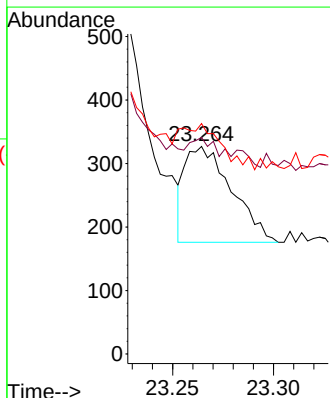
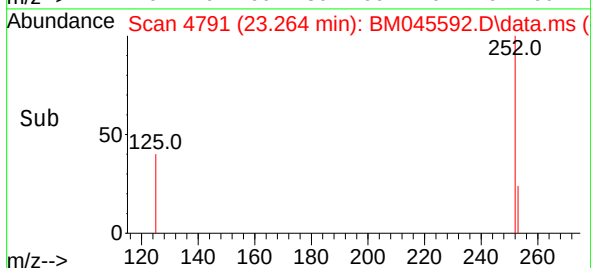
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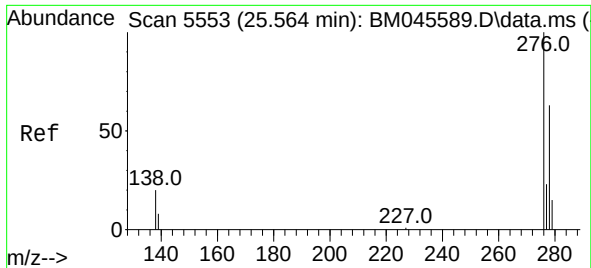


#26
Benzo(a)pyrene
Concen: 0.028 ng/ul
RT: 23.264 min Scan# 4791
Delta R.T. -0.027 min
Lab File: BM045592.D
Acq: 26 Apr 2024 17:48



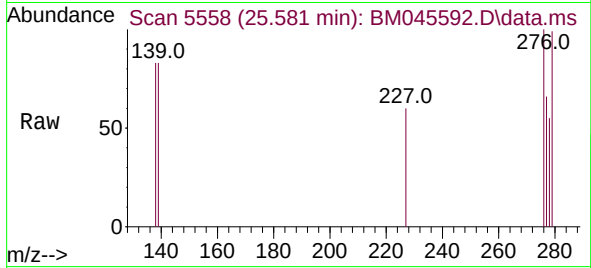
Tgt Ion:252 Resp: 243
Ion Ratio Lower Upper
252 100
253 104.3 31.6 47.4#
125 111.0 19.5 29.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 25.581 min Scan# 5558
Delta R.T. 0.009 min
Lab File: BM045592.D
Acq: 26 Apr 2024 17:48

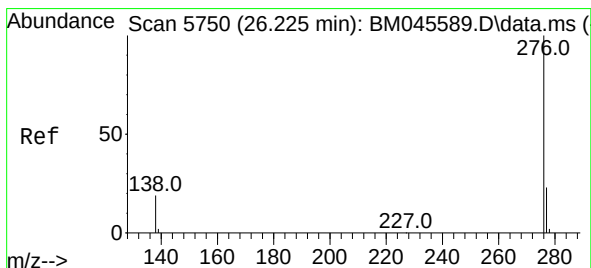
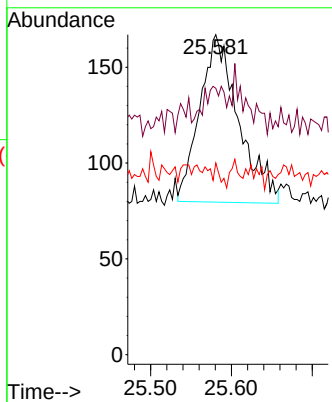
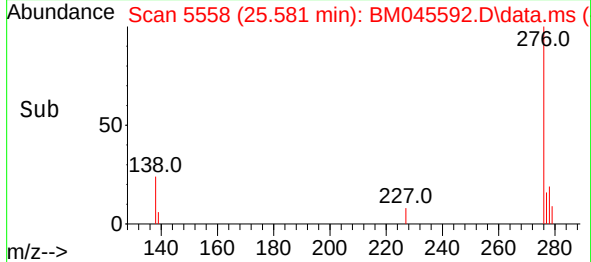
Instrument :
BNA_M
ClientSampleId :
E1CX2



Tgt Ion:276 Resp: 293
Ion Ratio Lower Upper
276 100
138 17.1 19.8 29.6#
227 0.0 0.2 0.2#

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#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 26.238 min Scan# 5754
Delta R.T. 0.003 min
Lab File: BM045592.D
Acq: 26 Apr 2024 17:48

Tgt Ion:276 Resp: 301
Ion Ratio Lower Upper
276 100
138 81.3 20.8 31.2#
277 64.3 21.8 32.8#

