

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
 Data File : BM049070.D
 Acq On : 19 Dec 2024 14:55
 Operator : RC/JU
 Sample : P5226-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AP6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 19 16:45:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	6731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	20111	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	10787	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	23428m	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	17283m	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	17079m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	23561	3.035	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	5586	0.207	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	11156	0.228	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.914	152	2578	0.058	ng/ul#	90
19) Fluoranthene	19.011	202	3602	0.058	ng/ul#	93
20) Pyrene	19.374	202	3392	0.051	ng/ul#	90
21) Benzo(a)anthracene	21.131	228	2563	0.043	ng/ul#	80
22) Chrysene	21.184	228	3381	0.052	ng/ul#	92
24) Benzo(b)fluoranthene	22.668	252	7645m	0.140	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	3163m	0.053	ng/ul	
26) Benzo(a)pyrene	23.215	252	5007	0.096	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.447	276	5099	0.069	ng/ul#	97
29) Benzo(g,h,i)perylene	26.101	276	5586	0.094	ng/ul#	90

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

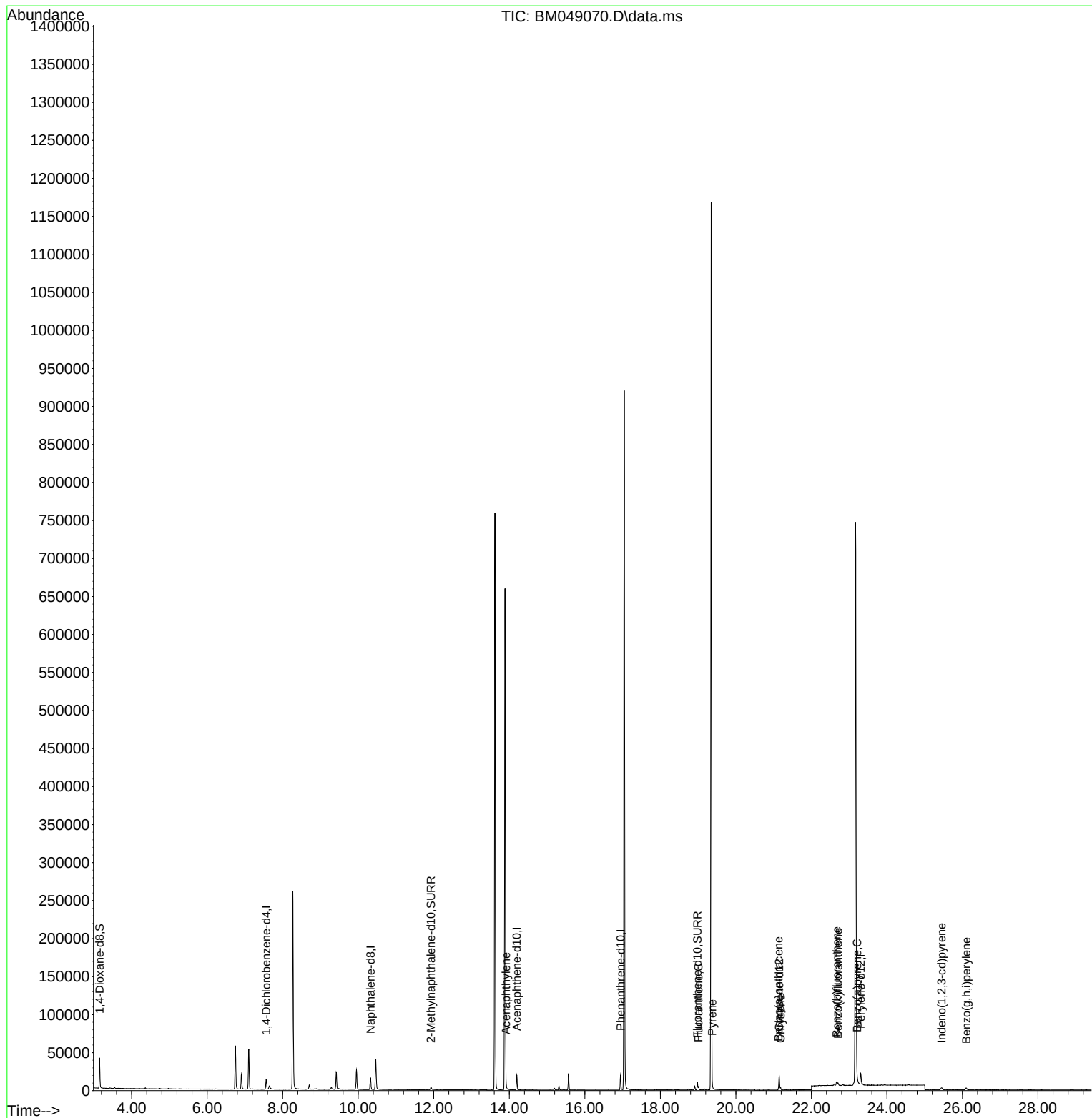
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
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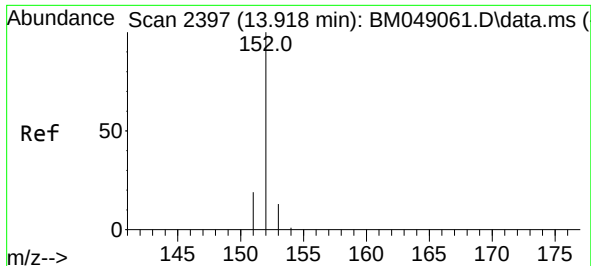
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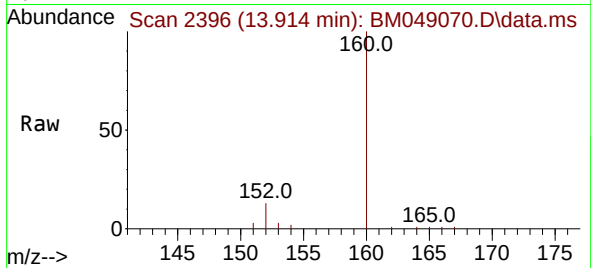
Quant Time: Dec 19 16:45:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.003 min
Lab File: BM049070.D
Acq: 19 Dec 2024 14:55

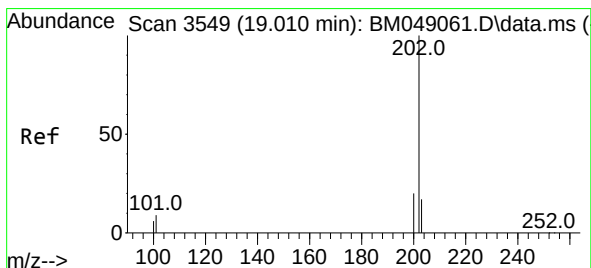
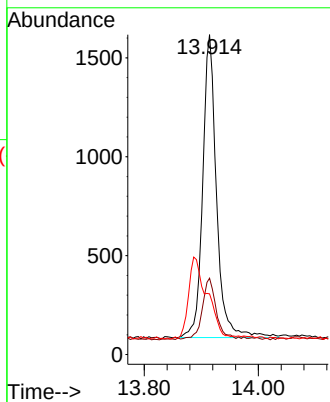
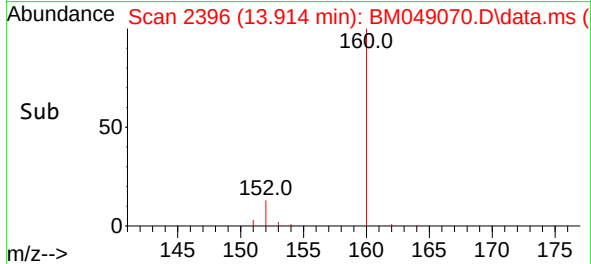
Instrument :
BNA_M
ClientSampleId :
E2AP6



Tgt Ion:152 Resp: 2578
Ion Ratio Lower Upper
152 100
151 23.9 16.0 24.0
153 19.0 11.0 16.6

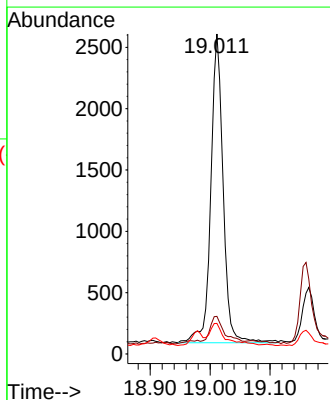
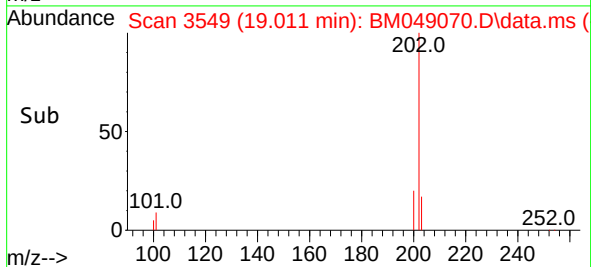
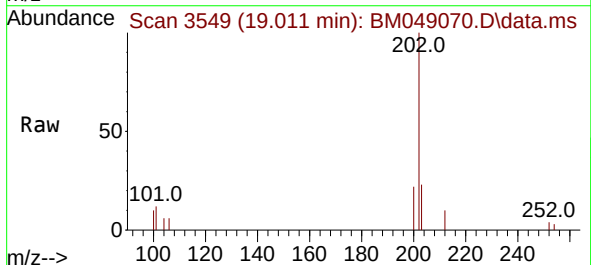
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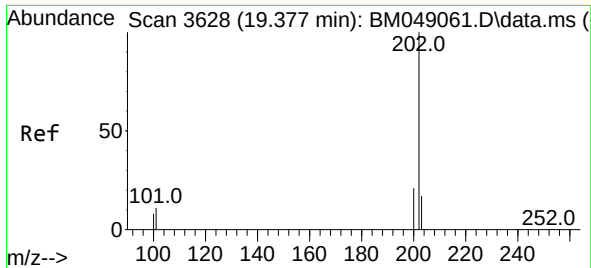
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Fluoranthene
Concen: 0.058 ng/ul
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049070.D
Acq: 19 Dec 2024 14:55

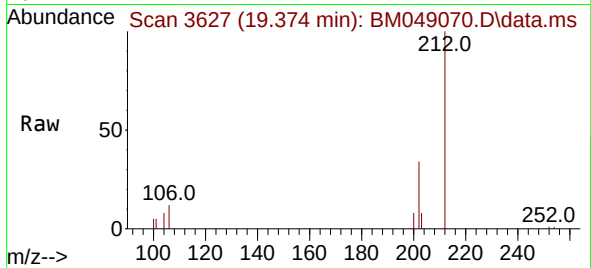
Tgt Ion:202 Resp: 3602
Ion Ratio Lower Upper
202 100
101 11.8 7.6 11.4#
100 9.6 5.5 8.3#





#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049070.D
Acq: 19 Dec 2024 14:55

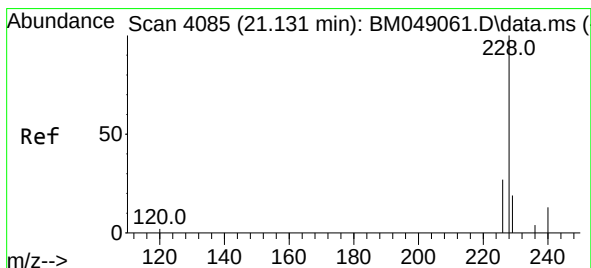
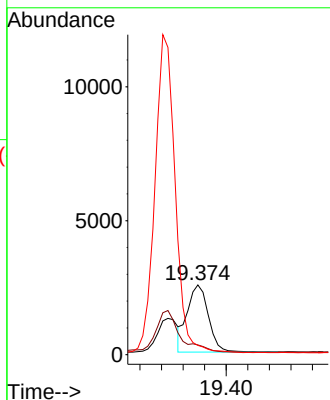
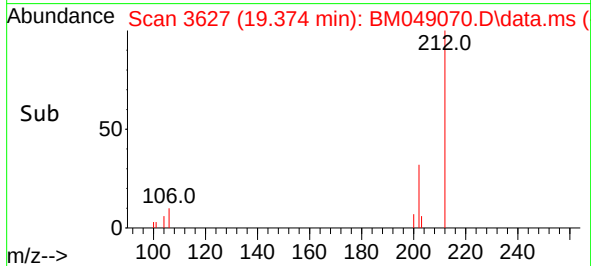
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 3392
Ion Ratio Lower Upper
202 100
101 14.0 8.9 13.3#
100 13.4 6.9 10.3#

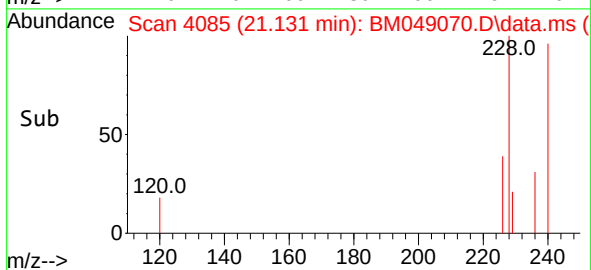
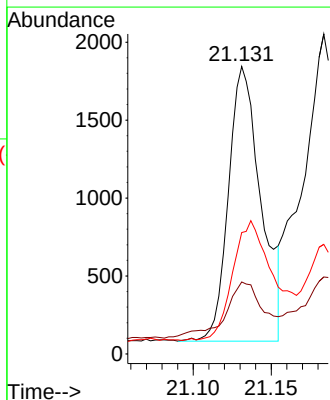
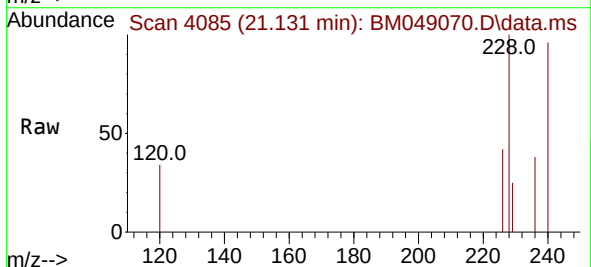
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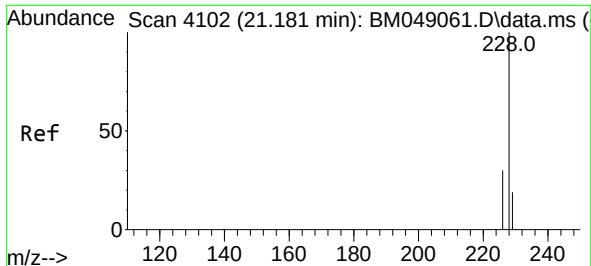
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#21
Benzo(a)anthracene
Concen: 0.043 ng/ul
RT: 21.131 min Scan# 4085
Delta R.T. -0.000 min
Lab File: BM049070.D
Acq: 19 Dec 2024 14:55

Tgt Ion:228 Resp: 2563
Ion Ratio Lower Upper
228 100
229 25.0 15.9 23.9#
226 42.2 22.6 34.0#





#22

Chrysene

Concen: 0.052 ng/ul

RT: 21.184 min Scan# 4102

Delta R.T. -0.000 min

Lab File: BM049070.D

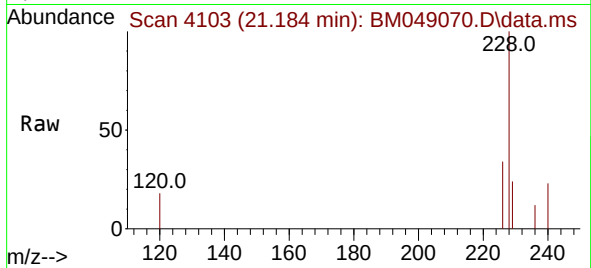
Acq: 19 Dec 2024 14:55

Instrument :

BNA_M

ClientSampleId :

E2AP6



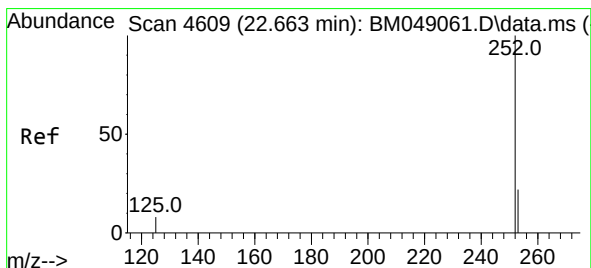
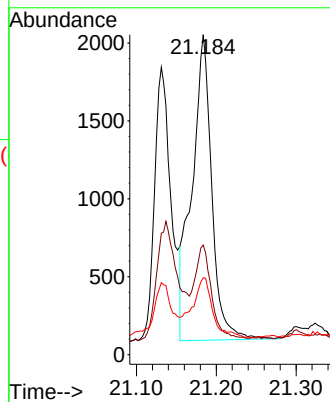
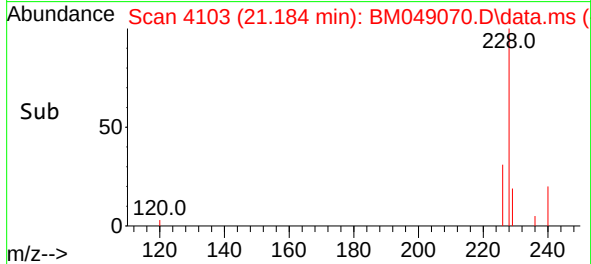
Tgt Ion:228	Resp:	338
Ion Ratio	Lower	Upper
228	100	
226	34.2	24.1 36.1
229	24.0	15.8 23.8

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#24

Benzo(b)fluoranthene

Concen: 0.140 ng/ul m

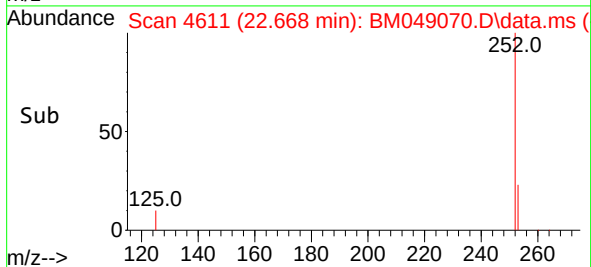
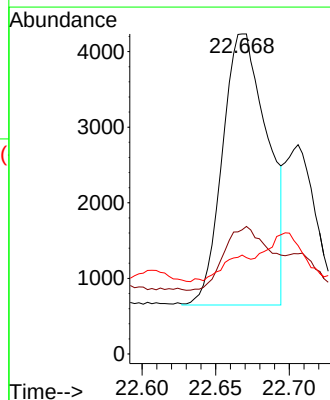
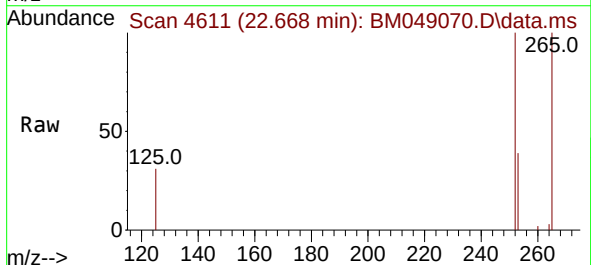
RT: 22.668 min Scan# 4611

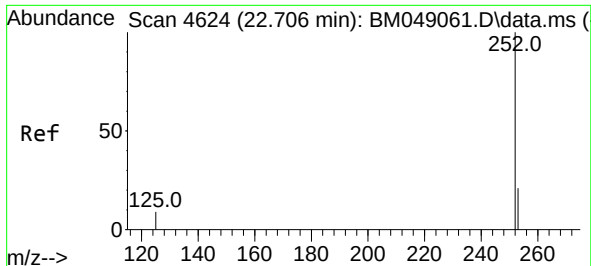
Delta R.T. 0.005 min

Lab File: BM049070.D

Acq: 19 Dec 2024 14:55

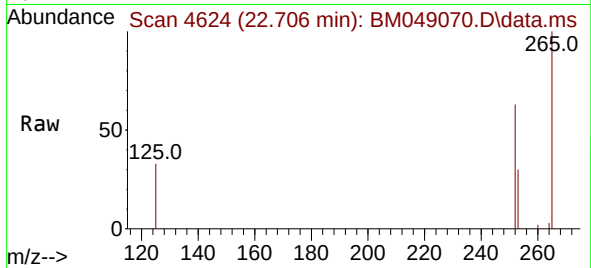
Tgt Ion:252	Resp:	7645
Ion Ratio	Lower	Upper
252	100	
253	38.8	0.0 52.6
125	30.9	0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 22.706 min Scan# 4624
Delta R.T. -0.000 min
Lab File: BM049070.D
Acq: 19 Dec 2024 14:55

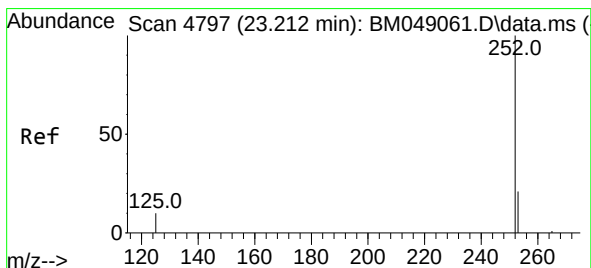
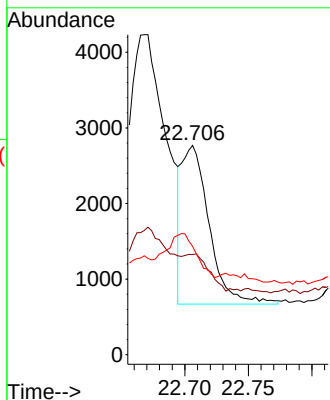
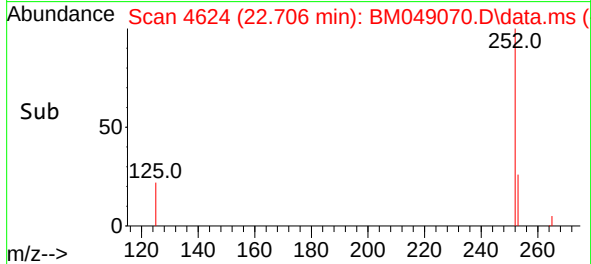
Instrument :
BNA_M
ClientSampleId :
E2AP6



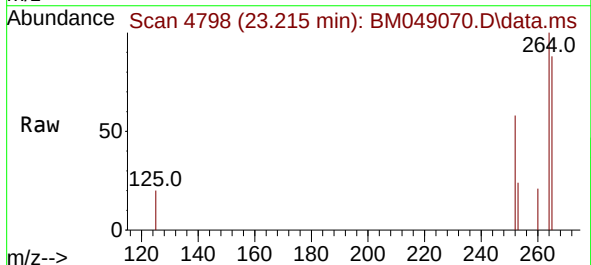
Tgt Ion:252 Resp: 316
Ion Ratio Lower Upper
252 100
253 47.9 21.3 31.9#
125 51.8 12.6 18.8#

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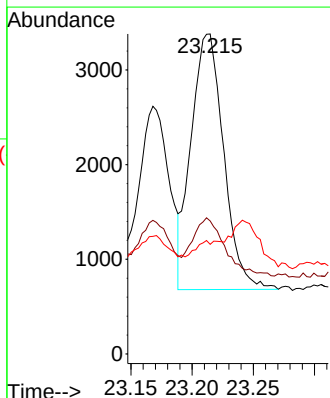
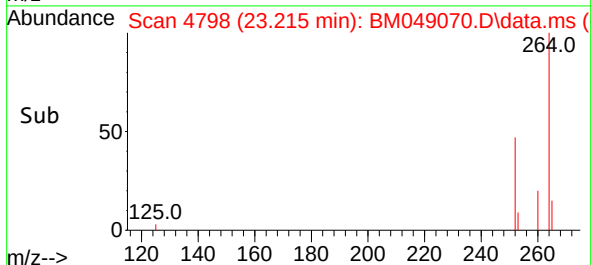
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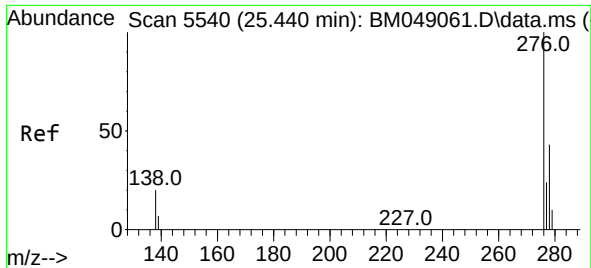


#26
Benzo(a)pyrene
Concen: 0.096 ng/ul
RT: 23.215 min Scan# 4798
Delta R.T. 0.005 min
Lab File: BM049070.D
Acq: 19 Dec 2024 14:55



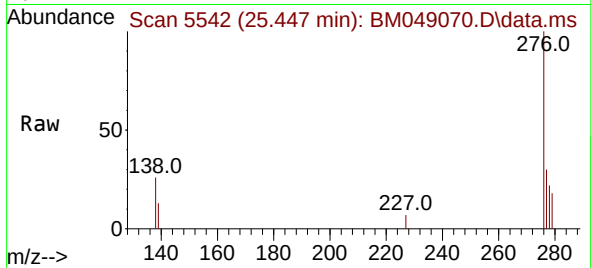
Tgt Ion:252 Resp: 5007
Ion Ratio Lower Upper
252 100
253 41.6 22.4 33.6#
125 34.3 14.8 22.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 25.447 min Scan# 5540
Delta R.T. -0.000 min
Lab File: BM049070.D
Acq: 19 Dec 2024 14:55

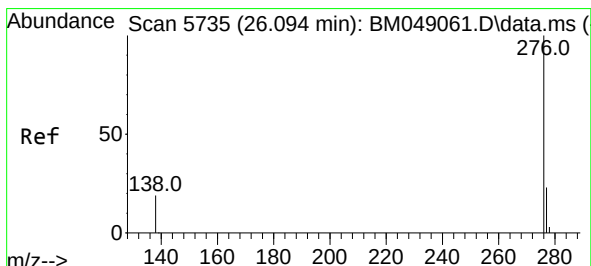
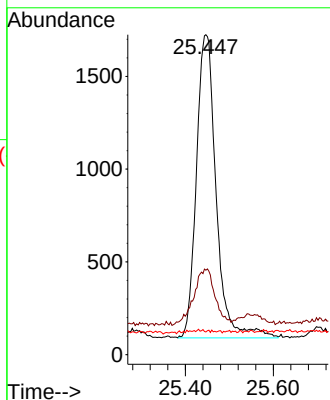
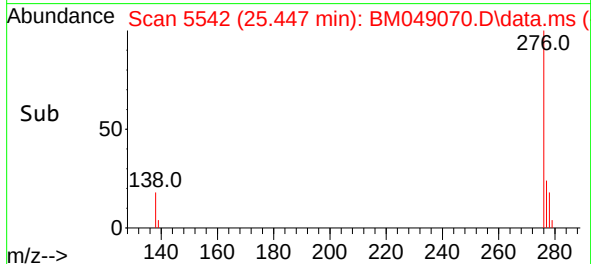
Instrument :
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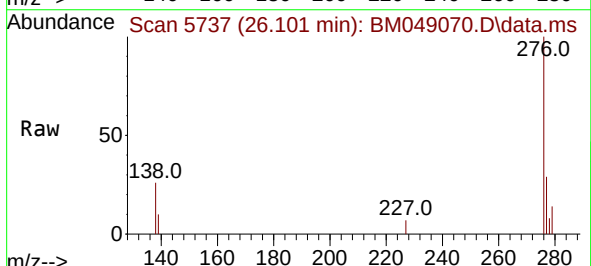
Tgt Ion:276 Resp: 5099
Ion Ratio Lower Upper
276 100
138 20.3 17.4 26.2
227 0.1 0.2 0.2

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#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 26.101 min Scan# 5737
Delta R.T. 0.006 min
Lab File: BM049070.D
Acq: 19 Dec 2024 14:55



Tgt Ion:276 Resp: 5586
Ion Ratio Lower Upper
276 100
138 26.2 16.7 25.1#
277 29.0 19.9 29.9

