

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
 Data File : BM049018.D
 Acq On : 17 Dec 2024 12:51
 Operator : RC/JU
 Sample : P5155-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Q8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 13:35:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 17 10:03:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	8382	0.400	ng/ul	0.00
4) Naphthalene-d8	10.331	136	25353	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.206	164	14067	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	31243m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	23291m	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	21755m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	27654	2.823	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.932	152	7075	0.219	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	15500	0.223	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.381	128	1763	0.027	ng/ul#	79
7) 2-Methylnaphthalene	12.003	142	1891	0.048	ng/ul	97
8) 1-Methylnaphthalene	12.229	142	1835	0.045	ng/ul	94
15) Phenanthrene	16.993	178	4746m	0.055	ng/ul	
21) Benzo(a)anthracene	21.160	228	3103m	0.038	ng/ul	
22) Chrysene	21.184	228	3397	0.037	ng/ul#	71
24) Benzo(b)fluoranthene	22.662	252	1846m	0.025	ng/ul	
29) Benzo(g,h,i)perylene	26.101	276	3900	0.050	ng/ul#	81

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

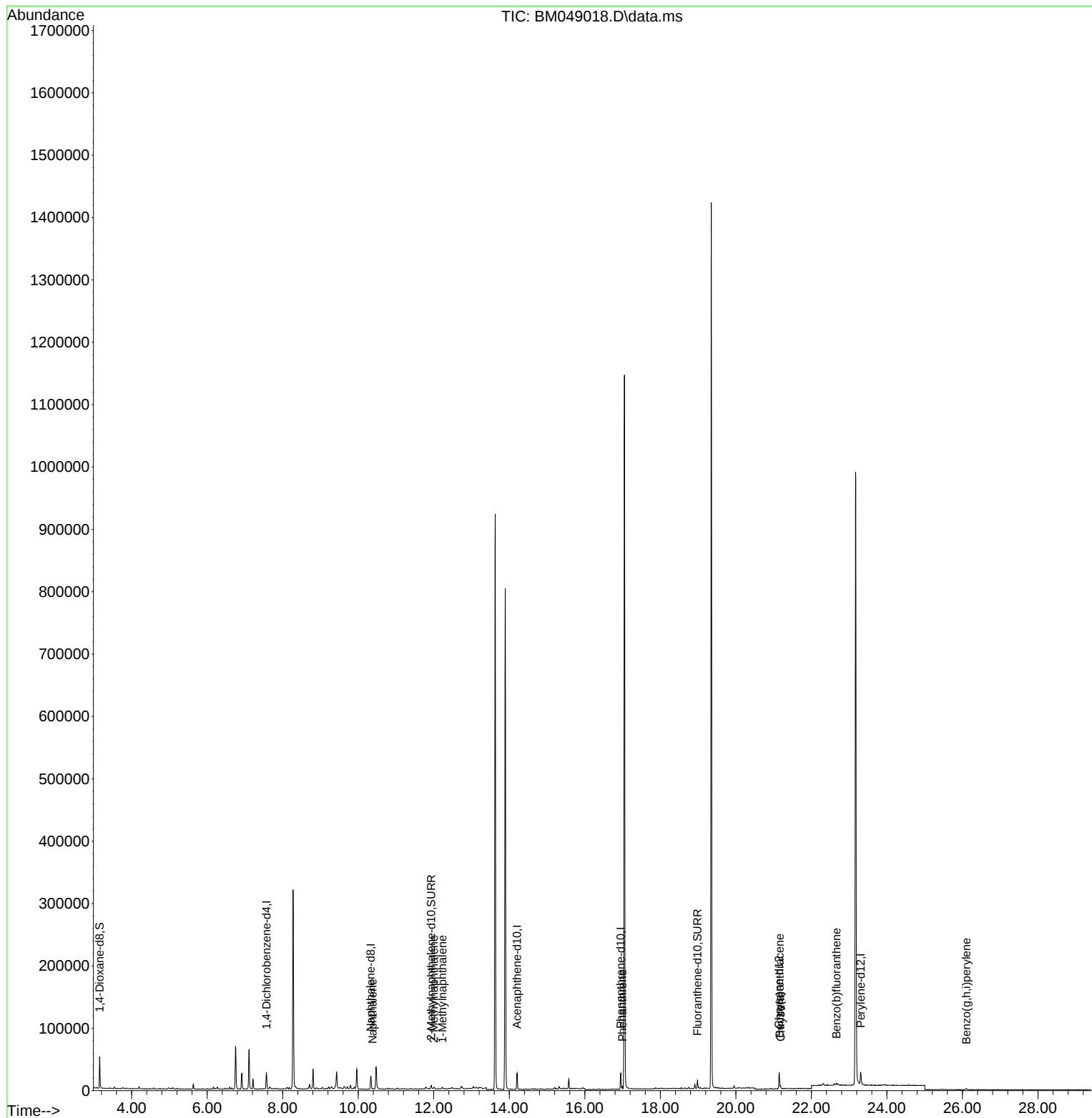
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
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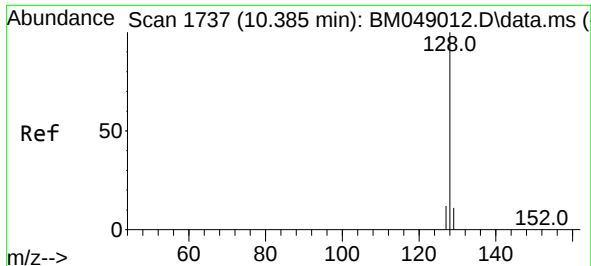
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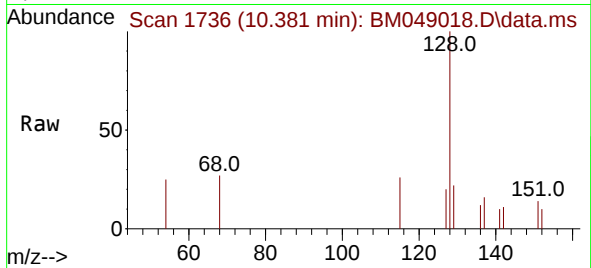
Quant Time: Dec 17 13:35:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.381 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BM049018.D
Acq: 17 Dec 2024 12:51

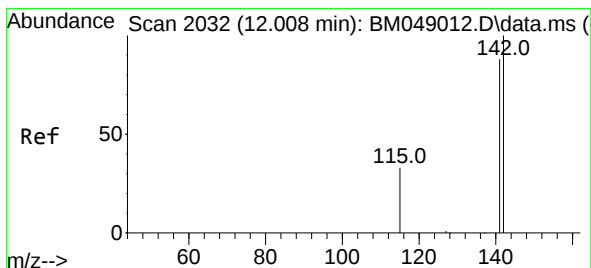
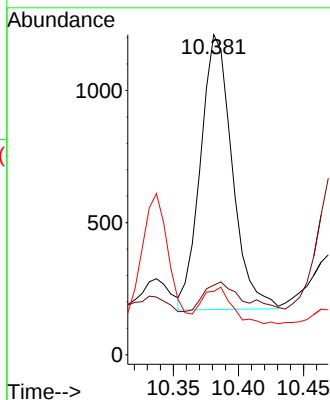
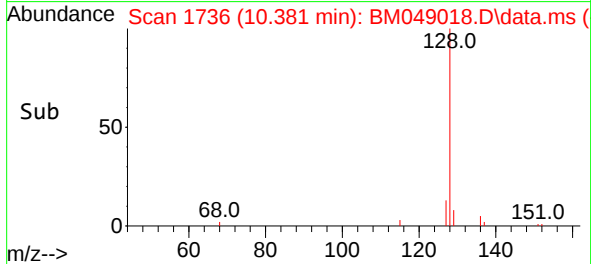
Instrument :
BNA_M
ClientSampleId :
E28Q8



Tgt Ion:128 Resp: 1763
Ion Ratio Lower Upper
128 100
129 21.7 9.4 14.2
127 19.8 10.6 16.0

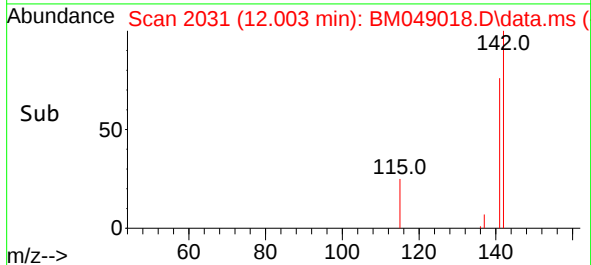
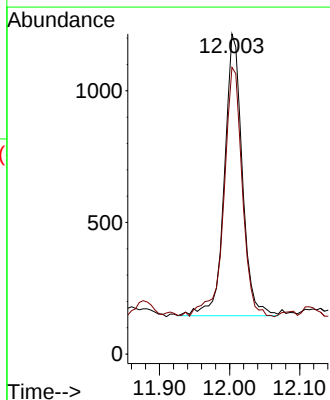
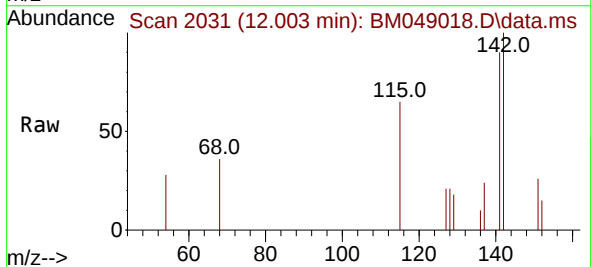
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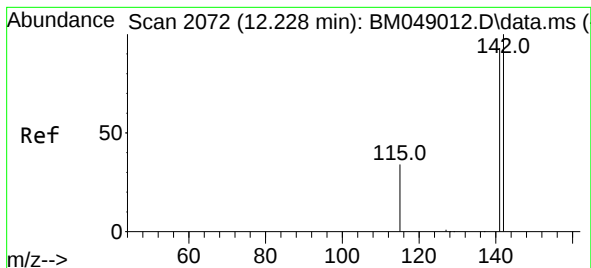
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.003 min Scan# 2031
Delta R.T. -0.004 min
Lab File: BM049018.D
Acq: 17 Dec 2024 12:51

Tgt Ion:142 Resp: 1891
Ion Ratio Lower Upper
142 100
141 91.7 71.2 106.8





#8

1-Methylnaphthalene

Concen: 0.045 ng/ul

RT: 12.229 min Scan# 2072

Delta R.T. 0.001 min

Lab File: BM049018.D

Acq: 17 Dec 2024 12:51

Instrument :

BNA_M

ClientSampleId :

E28Q8

Tgt Ion:142 Resp: 183

Ion Ratio Lower Upper

142 100

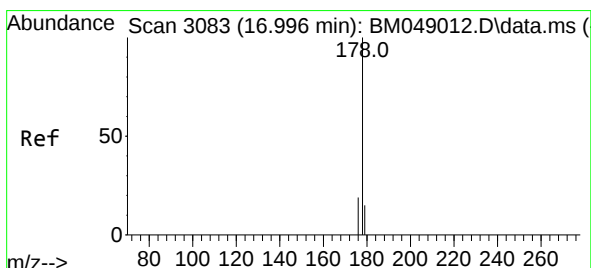
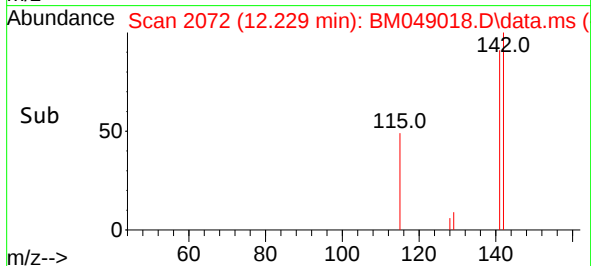
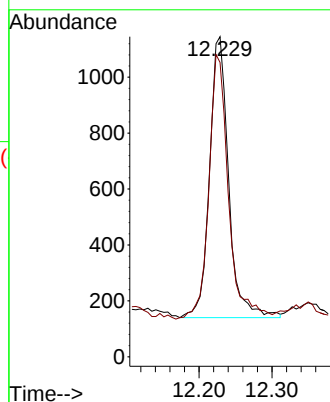
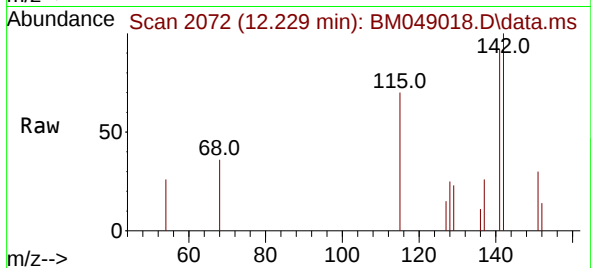
141 96.6 72.8 109.2

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#15

Phenanthrene

Concen: 0.055 ng/ul m

RT: 16.993 min Scan# 3082

Delta R.T. -0.003 min

Lab File: BM049018.D

Acq: 17 Dec 2024 12:51

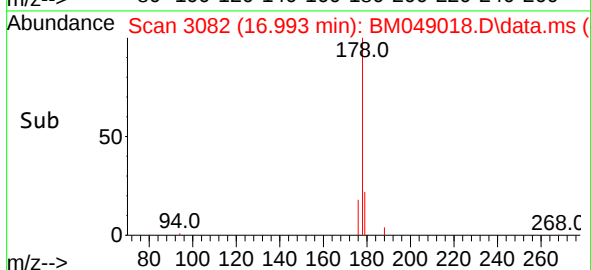
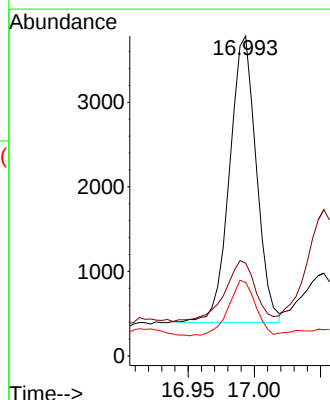
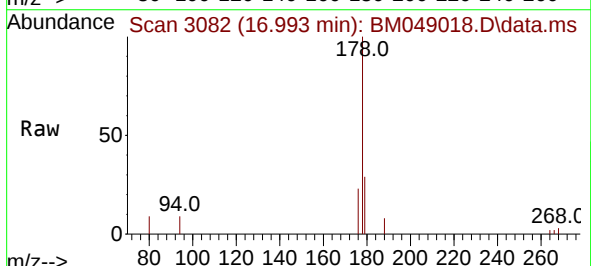
Tgt Ion:178 Resp: 4746

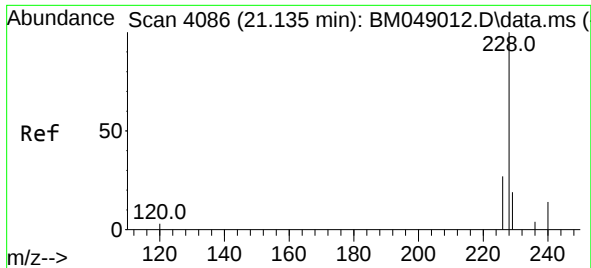
Ion Ratio Lower Upper

178 100

179 29.0 13.0 19.6#

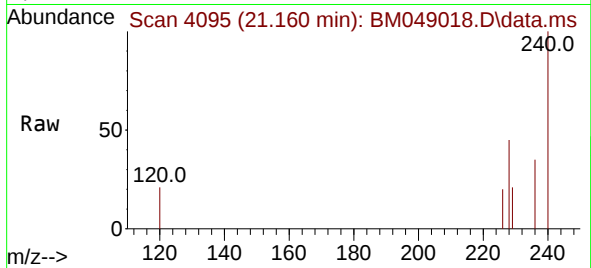
176 22.9 15.8 23.8





#21
Benzo(a)anthracene
Concen: 0.038 ng/ul m
RT: 21.160 min Scan# 4086
Delta R.T. 0.026 min
Lab File: BM049018.D
Acq: 17 Dec 2024 12:51

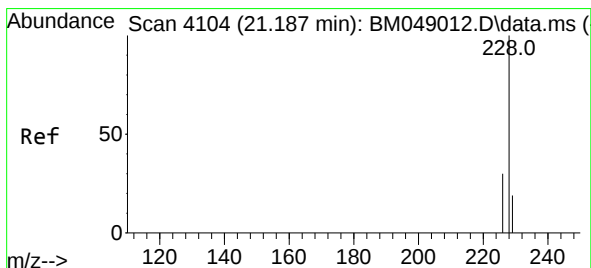
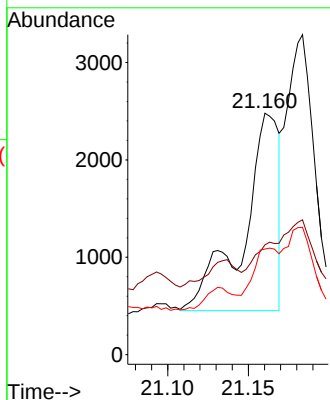
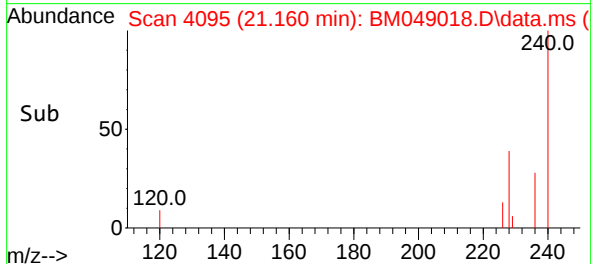
Instrument :
BNA_M
ClientSampleId :
E28Q8



Tgt Ion:228 Resp: 3100
Ion Ratio Lower Upper
228 100
229 45.5 15.7 23.5
226 43.7 23.0 34.4

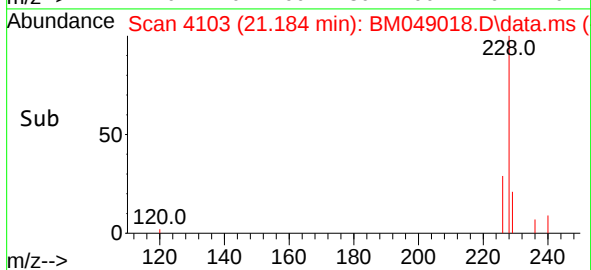
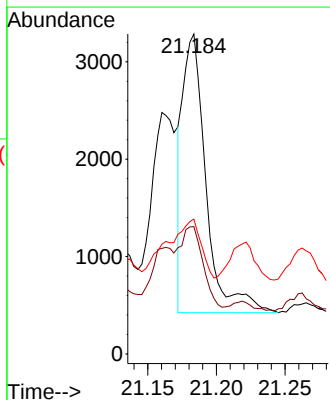
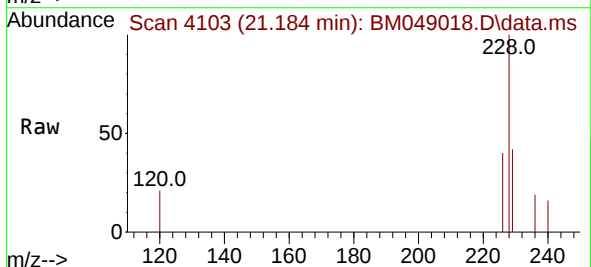
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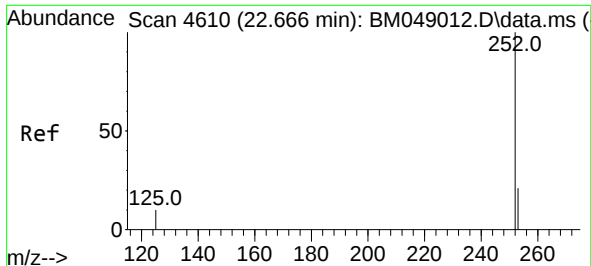
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#22
Chrysene
Concen: 0.037 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.004 min
Lab File: BM049018.D
Acq: 17 Dec 2024 12:51

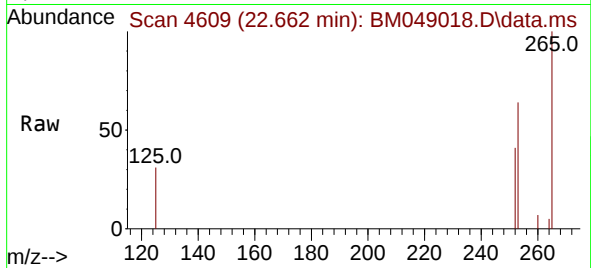
Tgt Ion:228 Resp: 3397
Ion Ratio Lower Upper
228 100
226 39.8 24.8 37.2#
229 42.1 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.025 ng/ul m
RT: 22.662 min Scan# 4609
Delta R.T. -0.004 min
Lab File: BM049018.D
Acq: 17 Dec 2024 12:51

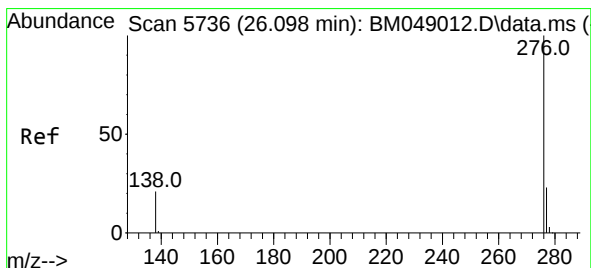
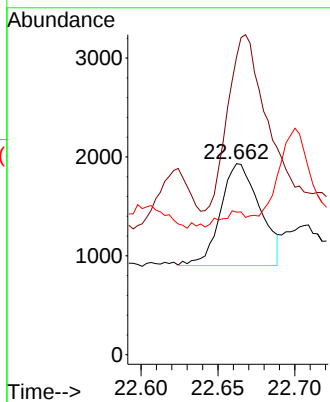
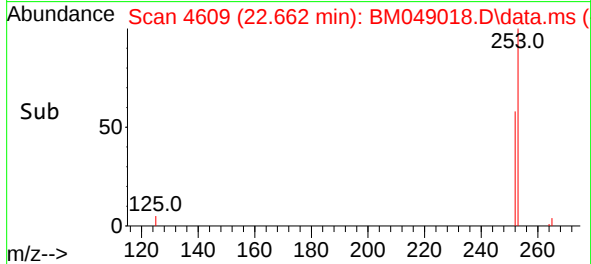
Instrument :
BNA_M
ClientSampleId :
E28Q8



Tgt Ion:252 Resp: 1840
Ion Ratio Lower Upper
252 100
253 155.9 0.0 51.0#
125 74.7 0.0 36.6#

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#29
Benzo(g,h,i)perylene
Concen: 0.050 ng/ul
RT: 26.101 min Scan# 5737
Delta R.T. 0.003 min
Lab File: BM049018.D
Acq: 17 Dec 2024 12:51

Tgt Ion:276 Resp: 3900
Ion Ratio Lower Upper
276 100
138 33.5 19.8 29.6#
277 35.1 19.6 29.4#

