

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033923.D
 Acq On : 14 Sep 2024 20:01
 Operator : JU/RC
 Sample : P3993-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0UF6

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

09/16/2024
 Supervised By :mohammad
 ahmed

Quant Time: Sep 15 01:59:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	3956	0.400	ng/ul	0.00
4) Naphthalene-d8	10.243	136	10825	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.131	164	5552	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	11623m	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	9633m	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	9640m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	14142	3.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	3294	0.212	ng/ul	0.00
18) Fluoranthene-d10	18.928	212	7655	0.267	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Pentachlorophenol	16.546	266	176m	0.048	ng/ul	
19) Fluoranthene	18.956	202	1021	0.027	ng/ul#	78
21) Benzo(a)anthracene	21.084	228	912	0.024	ng/ul#	82
22) Chrysene	21.134	228	1197	0.031	ng/ul#	90
24) Benzo(b)fluoranthene	22.607	252	1526	0.041	ng/ul#	8
25) Benzo(k)fluoranthene	22.648	252	1282	0.034	ng/ul#	1
26) Benzo(a)pyrene	23.148	252	974	0.032	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.360	276	1292	0.029	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.373	278	822	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	26.000	276	1329	0.038	ng/ul#	67

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

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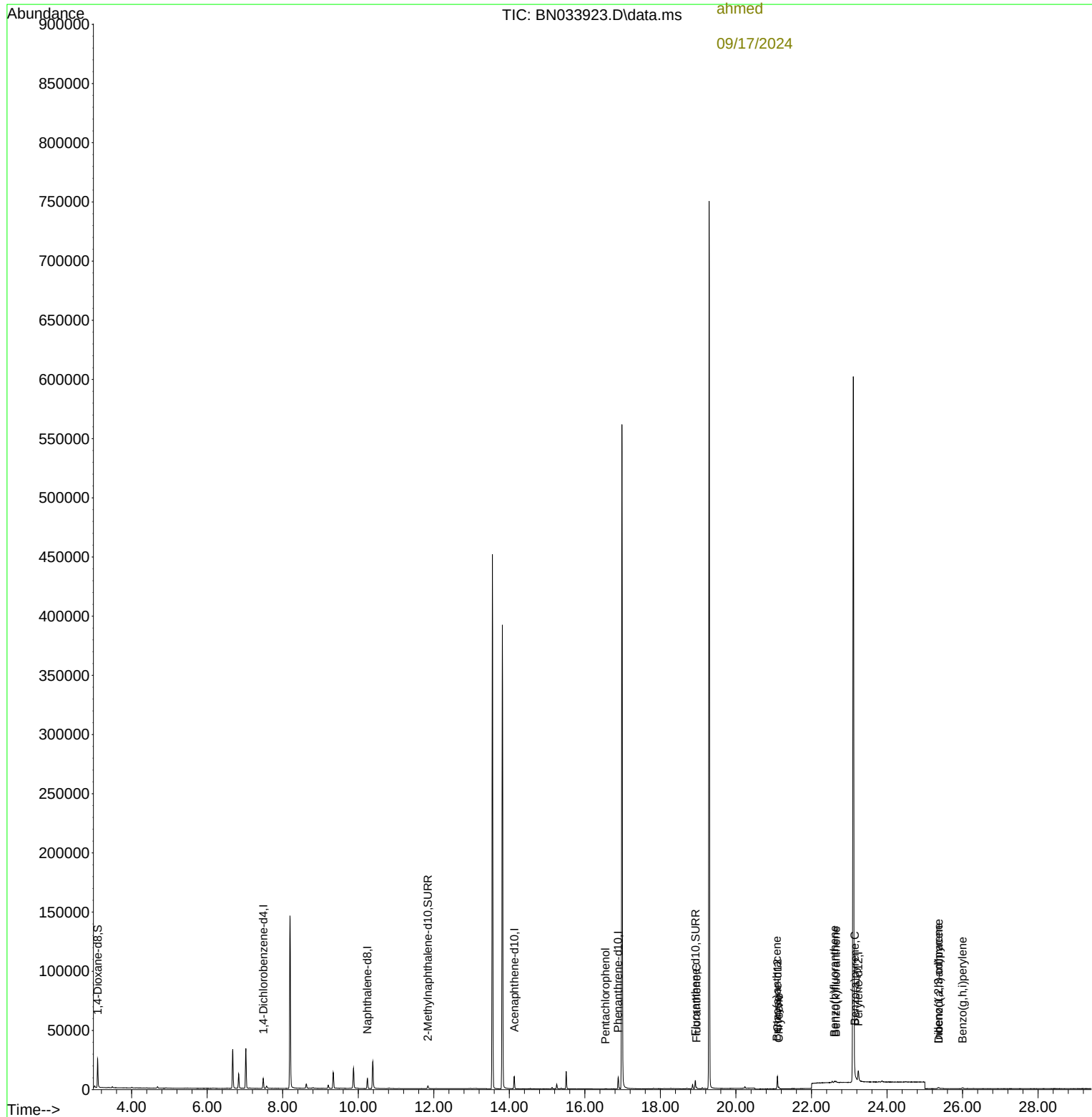
Instrument :
BNA_N
ClientSampleId :
C0UF6

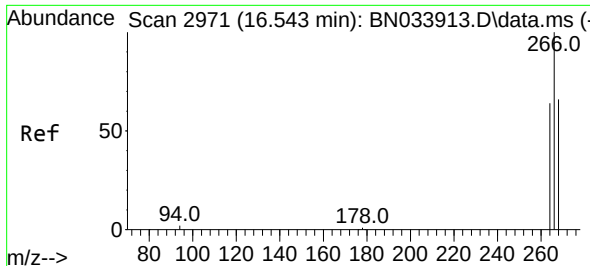
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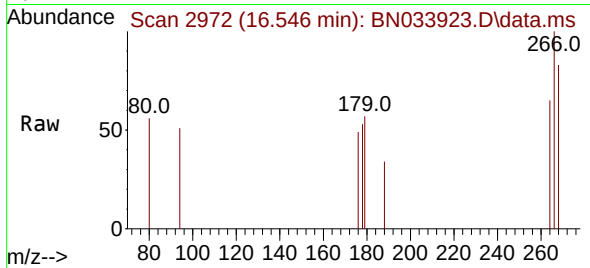
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#14
Pentachlorophenol
Concen: 0.048 ng/ul m
RT: 16.546 min Scan# 2971
Delta R.T. 0.003 min
Lab File: BN033923.D
Acq: 14 Sep 2024 20:01

Instrument :
BNA_N
ClientSampleId :
COUF6



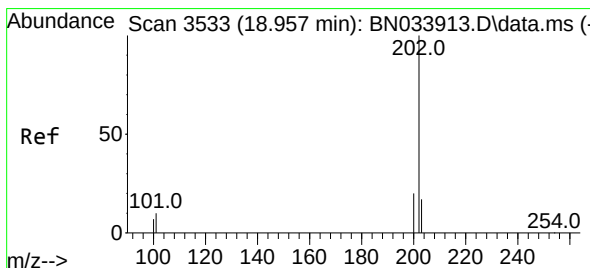
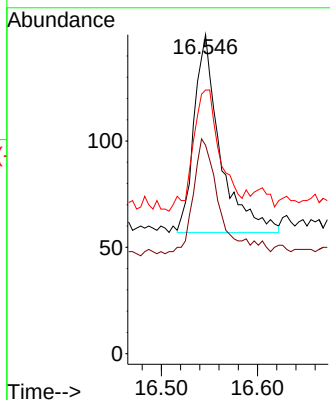
Tgt Ion:266 Resp: 170
Ion Ratio Lower Upper
266 100
264 1.1 50.3 75.5#
268 2.8 51.7 77.5#

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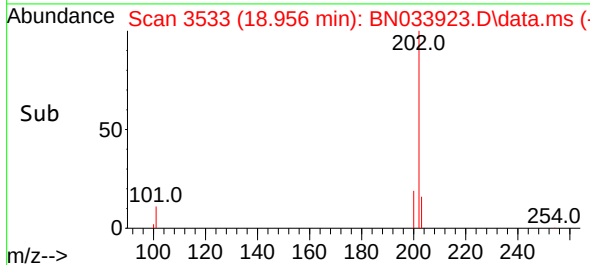
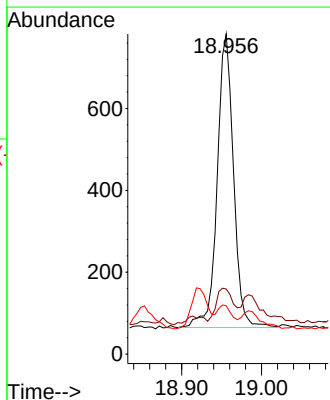
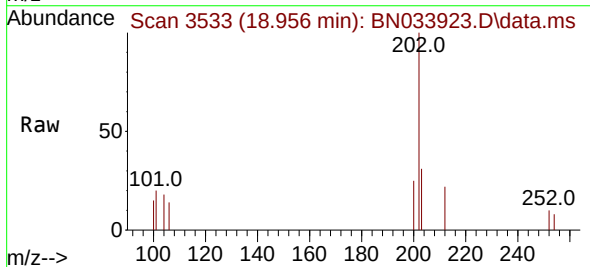
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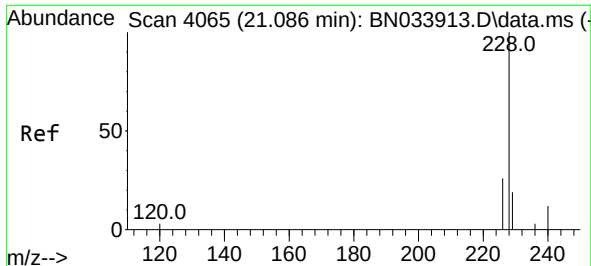
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#19
Fluoranthene
Concen: 0.027 ng/ul
RT: 18.956 min Scan# 3533
Delta R.T. -0.001 min
Lab File: BN033923.D
Acq: 14 Sep 2024 20:01

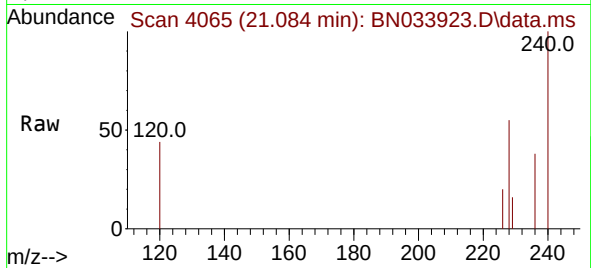
Tgt Ion:202 Resp: 1021
Ion Ratio Lower Upper
202 100
101 20.3 9.0 13.4#
100 15.1 6.7 10.1#





#21
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.084 min Scan# 4065
Delta R.T. -0.001 min
Lab File: BN033923.D
Acq: 14 Sep 2024 20:01

Instrument :
BNA_N
ClientSampleId :
COUF6



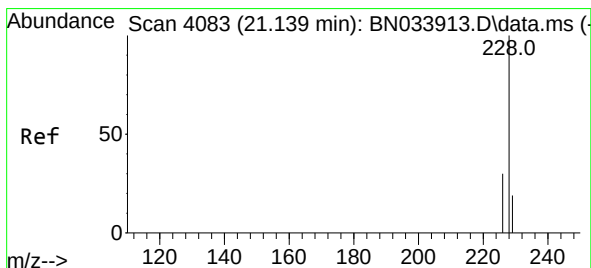
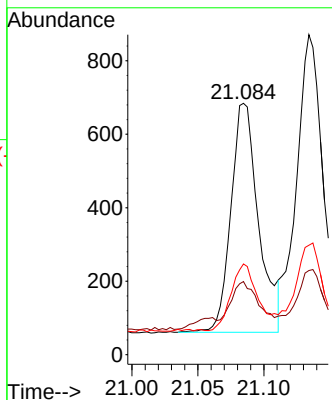
Tgt Ion:228 Resp: 912
Ion Ratio Lower Upper
228 100
229 29.1 15.4 23.2
226 36.1 22.1 33.1

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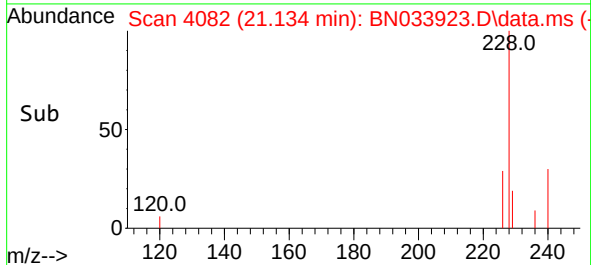
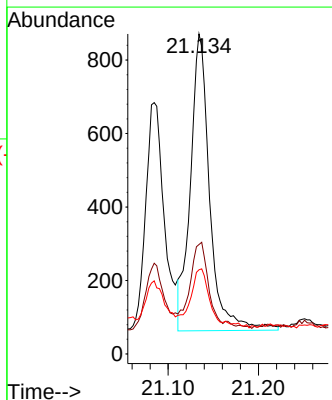
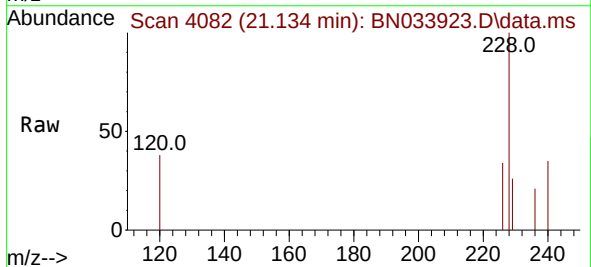
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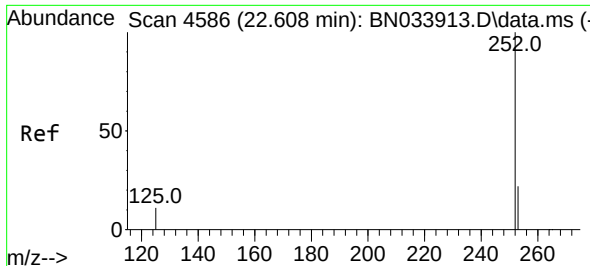
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#22
Chrysene
Concen: 0.031 ng/ul
RT: 21.134 min Scan# 4082
Delta R.T. -0.004 min
Lab File: BN033923.D
Acq: 14 Sep 2024 20:01

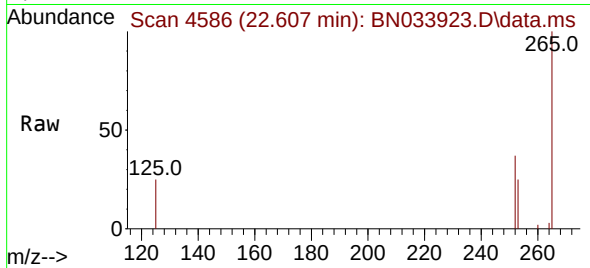
Tgt Ion:228 Resp: 1197
Ion Ratio Lower Upper
228 100
226 34.2 24.2 36.2
229 26.3 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.041 ng/ul
RT: 22.607 min Scan# 4586
Delta R.T. -0.001 min
Lab File: BN033923.D
Acq: 14 Sep 2024 20:01

Instrument :
BNA_N
ClientSampleId :
COUF6



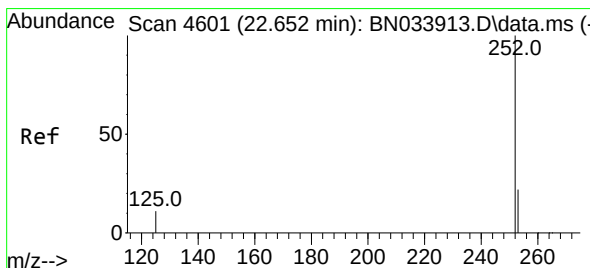
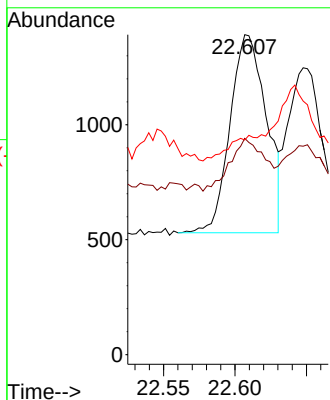
Tgt Ion:252 Resp: 1520
Ion Ratio Lower Upper
252 100
253 67.6 0.0 52.8#
125 67.1 0.0 36.4#

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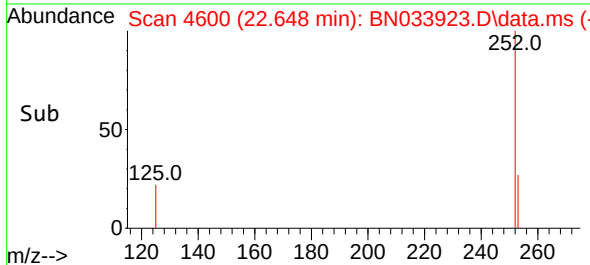
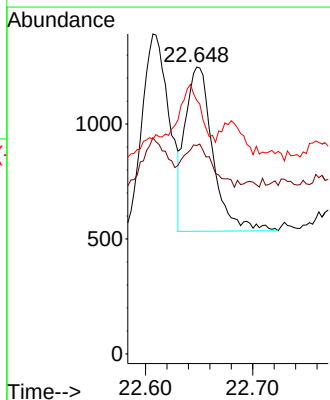
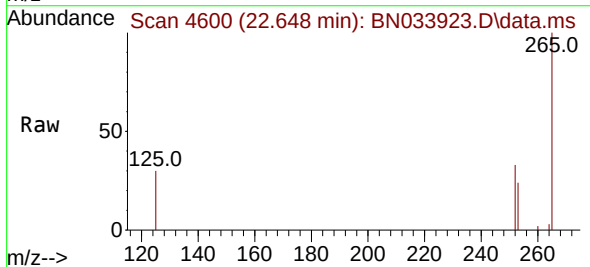
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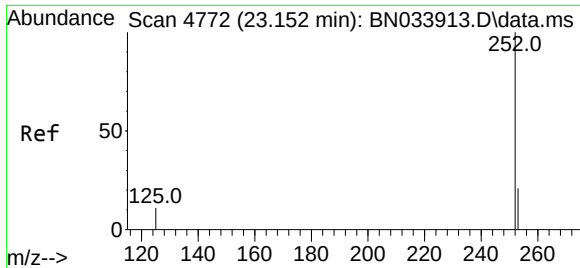
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#25
Benzo(k)fluoranthene
Concen: 0.034 ng/ul
RT: 22.648 min Scan# 4600
Delta R.T. -0.004 min
Lab File: BN033923.D
Acq: 14 Sep 2024 20:01

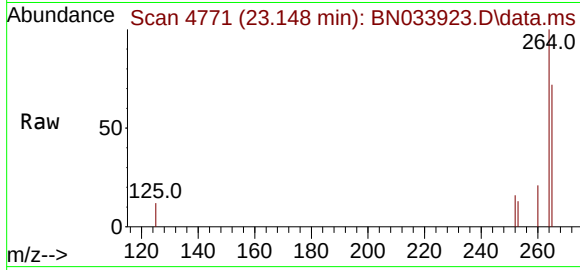
Tgt Ion:252 Resp: 1282
Ion Ratio Lower Upper
252 100
253 72.7 21.4 32.0#
125 88.4 15.1 22.7#





#26
Benzo(a)pyrene
Concen: 0.032 ng/ul
RT: 23.148 min Scan# 4771
Delta R.T. -0.004 min
Lab File: BN033923.D
Acq: 14 Sep 2024 20:01

Instrument :
BNA_N
ClientSampleId :
COUF6



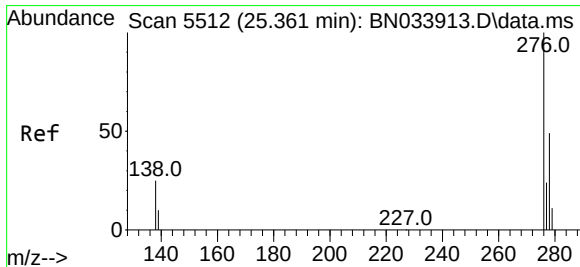
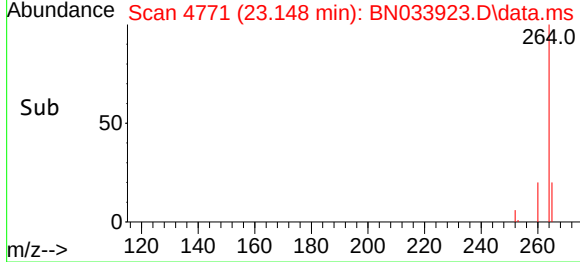
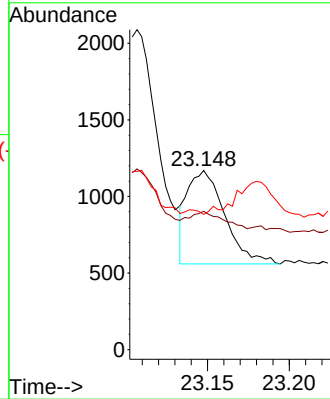
Tgt Ion:252 Resp: 974
Ion Ratio Lower Upper
252 100
253 77.2 22.8 34.2
125 75.6 18.0 27.0

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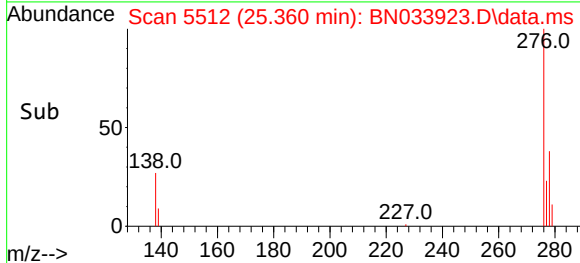
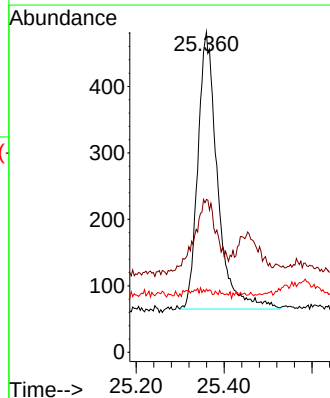
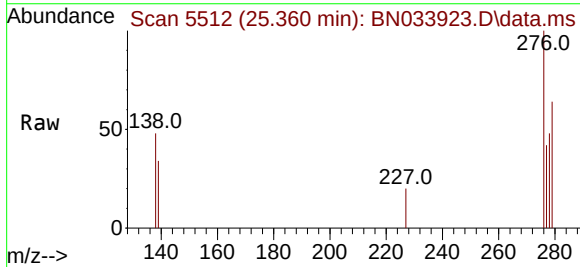
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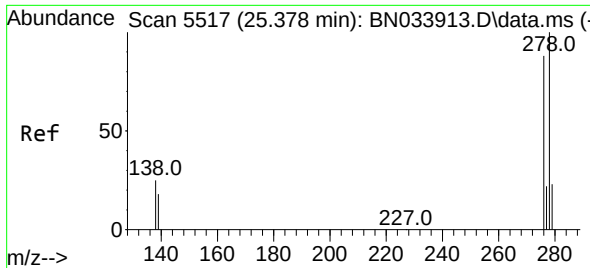
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng/ul
RT: 25.360 min Scan# 5512
Delta R.T. -0.001 min
Lab File: BN033923.D
Acq: 14 Sep 2024 20:01

Tgt Ion:276 Resp: 1292
Ion Ratio Lower Upper
276 100
138 30.7 22.3 33.5
227 0.0 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.023 ng/ul

RT: 25.373 min Scan# 5517

Delta R.T. -0.005 min

Lab File: BN033923.D

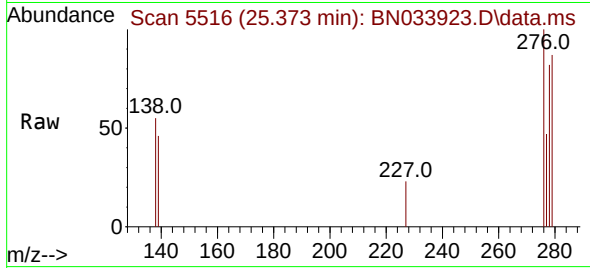
Acq: 14 Sep 2024 20:01

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:278 Resp: 82

Ion Ratio Lower Upper

278 100

139 55.8 17.3 25.9

279 105.7 21.5 32.3

Manual Integrations

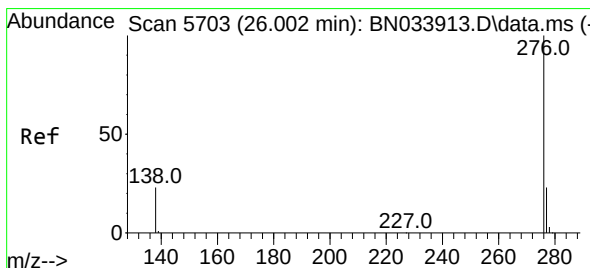
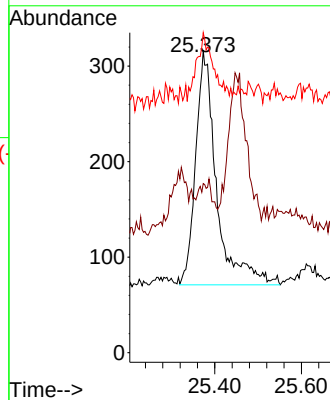
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#29

Benzo(g,h,i)perylene

Concen: 0.038 ng/ul

RT: 26.000 min Scan# 5703

Delta R.T. -0.001 min

Lab File: BN033923.D

Acq: 14 Sep 2024 20:01

Tgt Ion:276 Resp: 1329

Ion Ratio Lower Upper

276 100

138 45.3 20.8 31.2#

277 39.7 20.2 30.4#

