

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
 Data File : BN034178.D
 Acq On : 23 Sep 2024 23:28
 Operator : RC/JU
 Sample : P4092-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B36

Quant Time: Sep 24 01:51:11 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 : Mon Sep 23 19:39:10 2024
 Response via : Initial Calibration

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

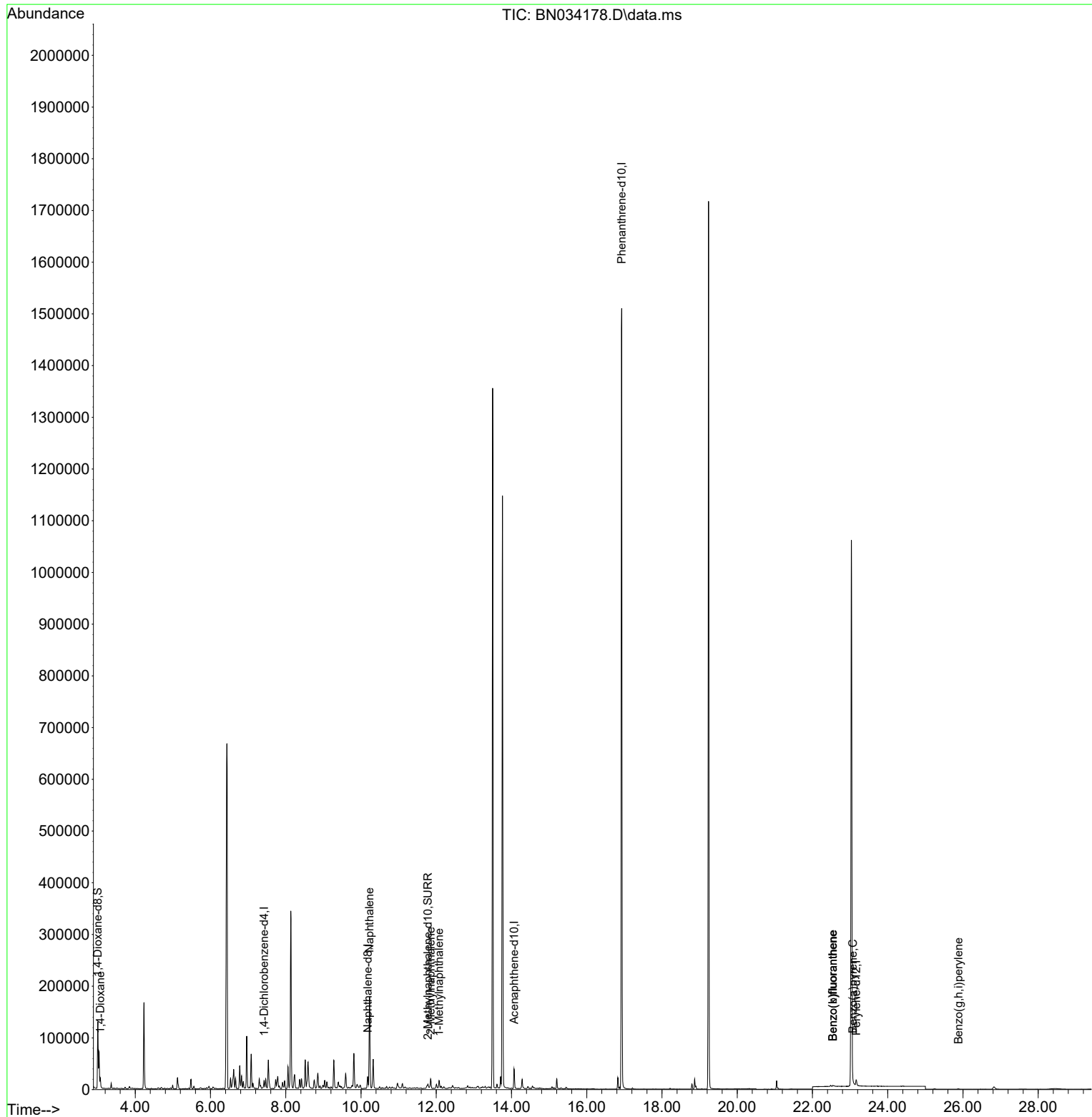
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	6597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.179	136	21454	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.069	164	31023	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.928	188	1667468	0.400	ng/ul	# 0.10
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.05
23) Perylene-d12	23.165	264	18528	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	227695	33.573	ng/ul	-0.04
6) 2-Methylnaphthalene-d10	11.780	152	10512	0.342	ng/ul	0.00
18) Fluoranthene-d10	18.870	212	19302	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.073	88	9937	1.320	ng/ul#	84
5) Naphthalene	10.229	128	219329	3.823	ng/ul	99
7) 2-Methylnaphthalene	11.851	142	12302	0.338	ng/ul	100
8) 1-Methylnaphthalene	12.077	142	8850	0.237	ng/ul	100
24) Benzo(b)fluoranthene	22.542	252	3964	0.055	ng/ul#	27
25) Benzo(k)fluoranthene	22.542	252	3964	0.055	ng/ul#	28
26) Benzo(a)pyrene	23.074	252	1173	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	25.879	276	1542	0.023	ng/ul#	72

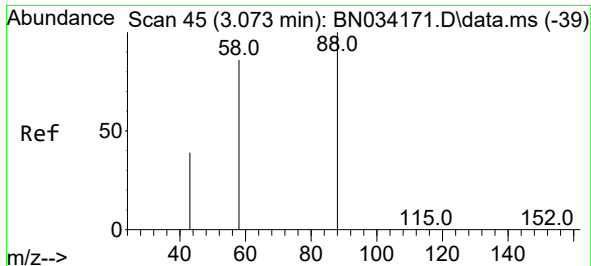
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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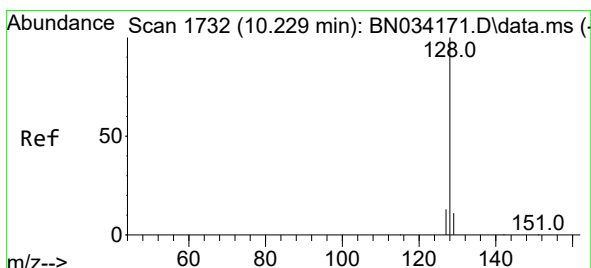
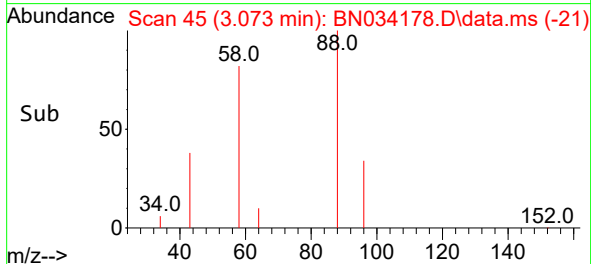
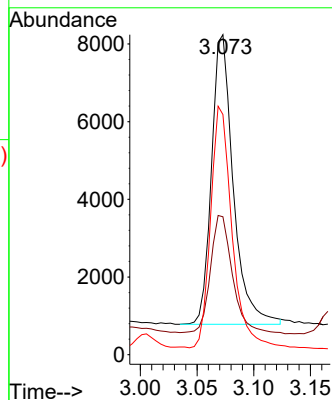
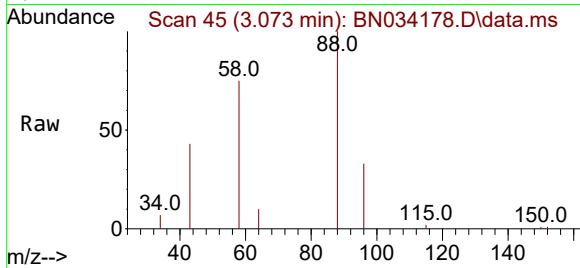




#2
1,4-Dioxane
Concen: 1.320 ng/ul
RT: 3.073 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN034178.D
Acq: 23 Sep 2024 23:28

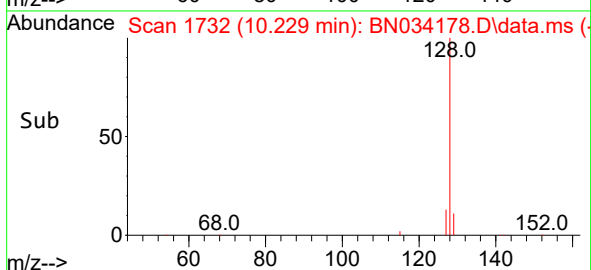
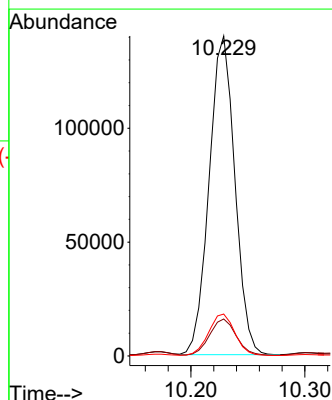
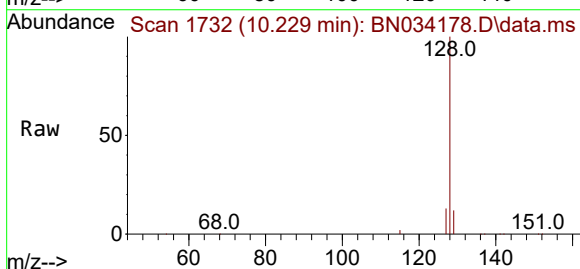
Instrument :
BNA_N
ClientSampleId :
C0B36

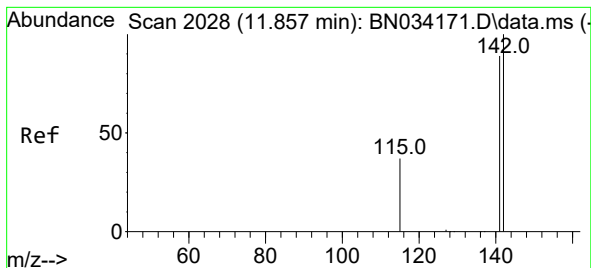
Tgt Ion: 88 Resp: 9937
Ion Ratio Lower Upper
88 100
43 43.1 47.0 70.4#
58 75.0 53.0 79.4



#5
Naphthalene
Concen: 3.823 ng/ul
RT: 10.229 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN034178.D
Acq: 23 Sep 2024 23:28

Tgt Ion: 128 Resp: 219329
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.1 10.8 16.2

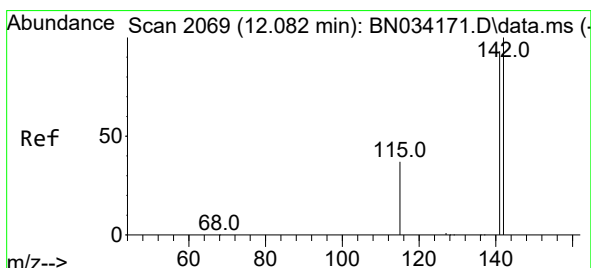
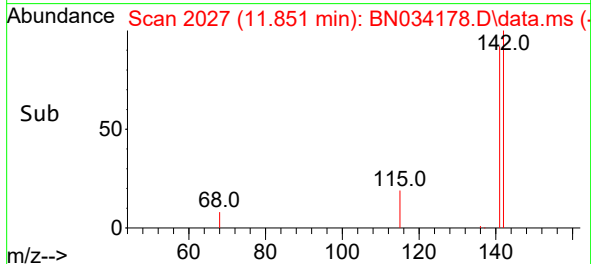
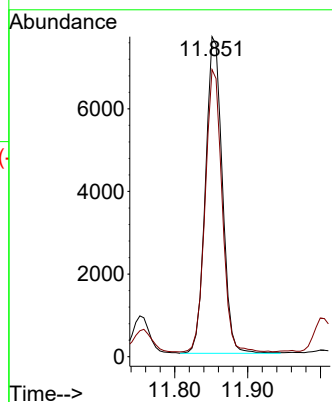
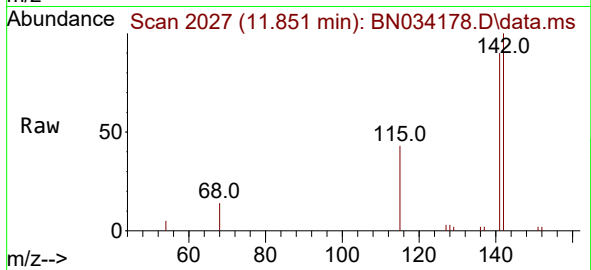




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 11.851 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BN034178.D
Acq: 23 Sep 2024 23:28

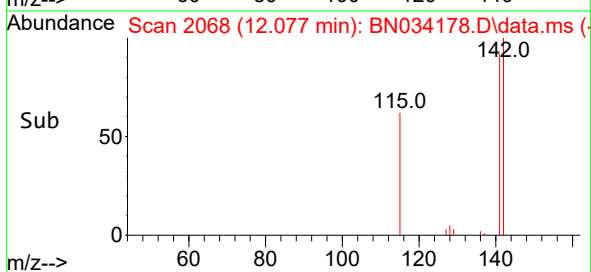
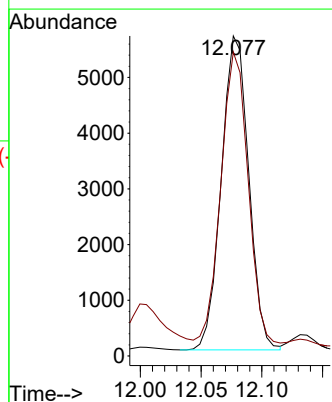
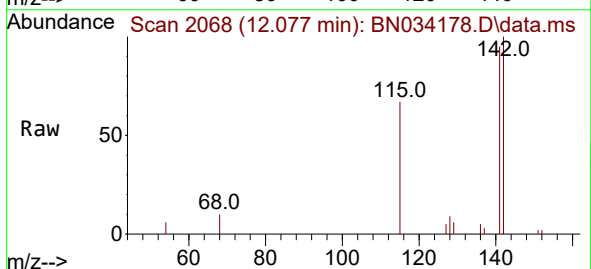
Instrument :
BNA_N
ClientSampleId :
C0B36

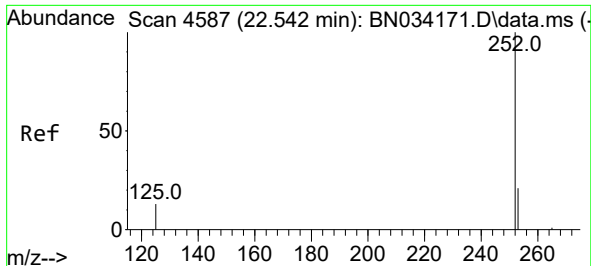
Tgt Ion:142 Resp: 12302
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.077 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BN034178.D
Acq: 23 Sep 2024 23:28

Tgt Ion:142 Resp: 8850
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4

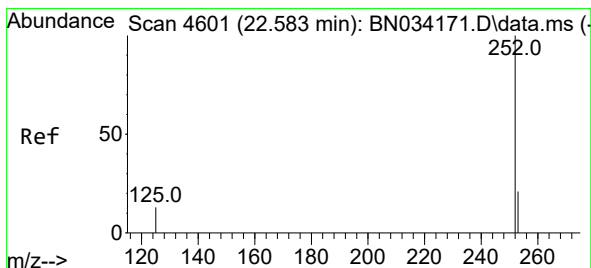
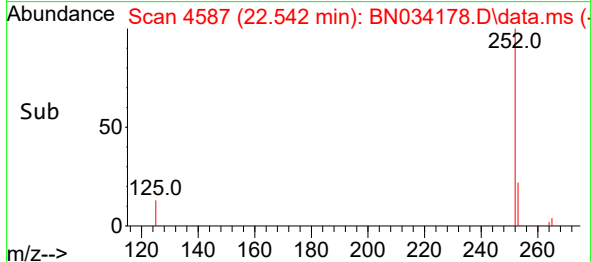
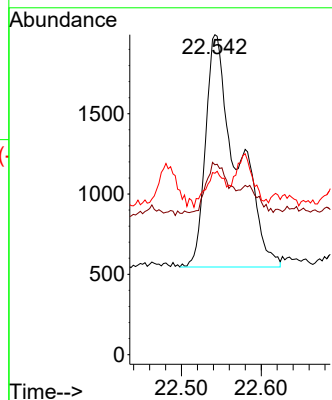
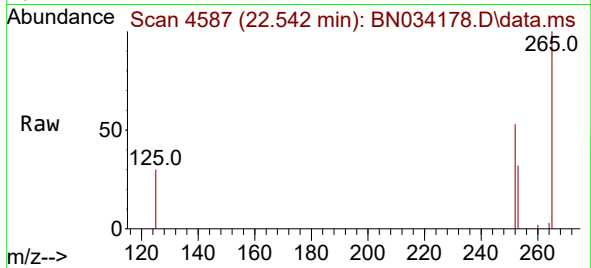




#24
Benzo(b)fluoranthene
Concen: 0.055 ng/ul
RT: 22.542 min Scan# 4587
Delta R.T. -0.000 min
Lab File: BN034178.D
Acq: 23 Sep 2024 23:28

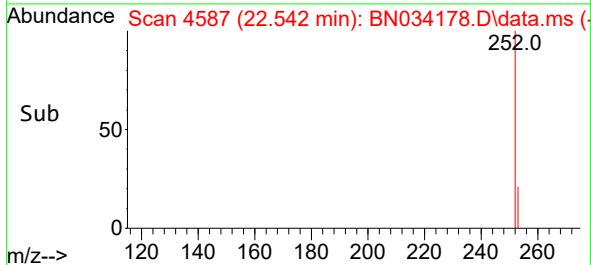
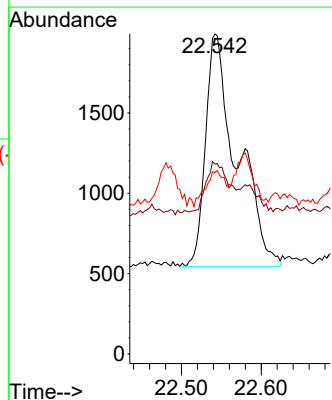
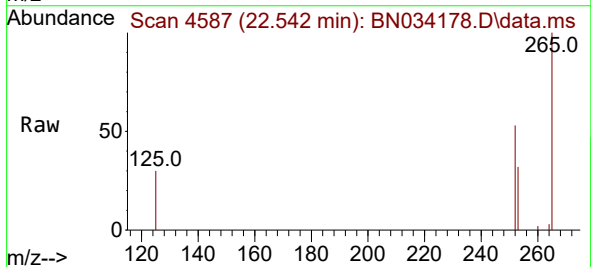
Instrument :
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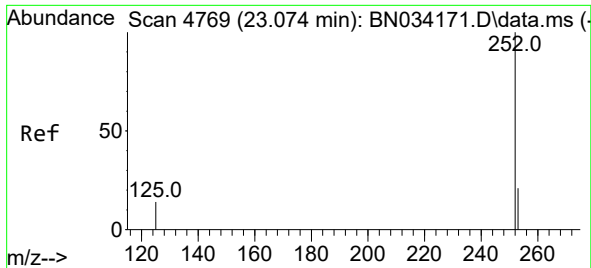
Tgt Ion:252 Resp: 3964
Ion Ratio Lower Upper
252 100
253 59.3 0.0 52.8#
125 56.7 0.0 36.4#



#25
Benzo(k)fluoranthene
Concen: 0.055 ng/ul
RT: 22.542 min Scan# 4587
Delta R.T. -0.041 min
Lab File: BN034178.D
Acq: 23 Sep 2024 23:28

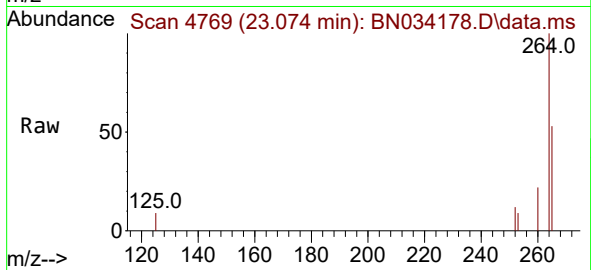
Tgt Ion:252 Resp: 3964
Ion Ratio Lower Upper
252 100
253 59.3 21.4 32.0#
125 56.7 15.1 22.7#



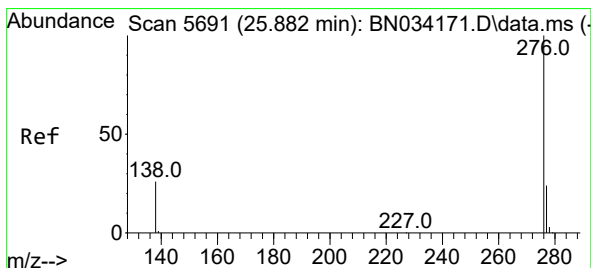
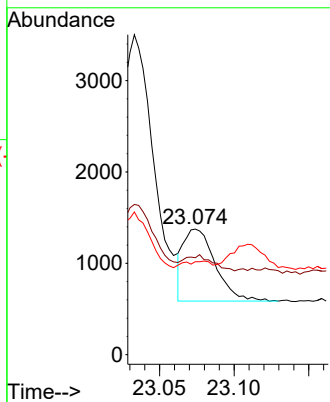
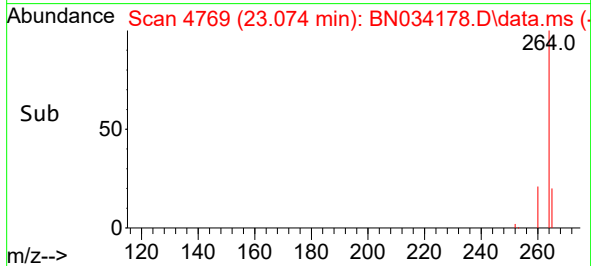


#26
Benzo(a)pyrene
Concen: 0.020 ng/ul
RT: 23.074 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN034178.D
Acq: 23 Sep 2024 23:28

Instrument :
BNA_N
ClientSampleId :
C0B36



Tgt Ion:252 Resp: 1173
Ion Ratio Lower Upper
252 100
253 77.2 22.8 34.2#
125 74.0 18.0 27.0#



#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 25.879 min Scan# 5690
Delta R.T. -0.004 min
Lab File: BN034178.D
Acq: 23 Sep 2024 23:28

Tgt Ion:276 Resp: 1542
Ion Ratio Lower Upper
276 100
138 42.4 20.8 31.2#
277 37.4 20.2 30.4#

