

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031821.D
 Acq On : 06 Jun 2024 16:34
 Operator : MA/JU
 Sample : P2634-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX1

Quant Time: Jun 07 00:31:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

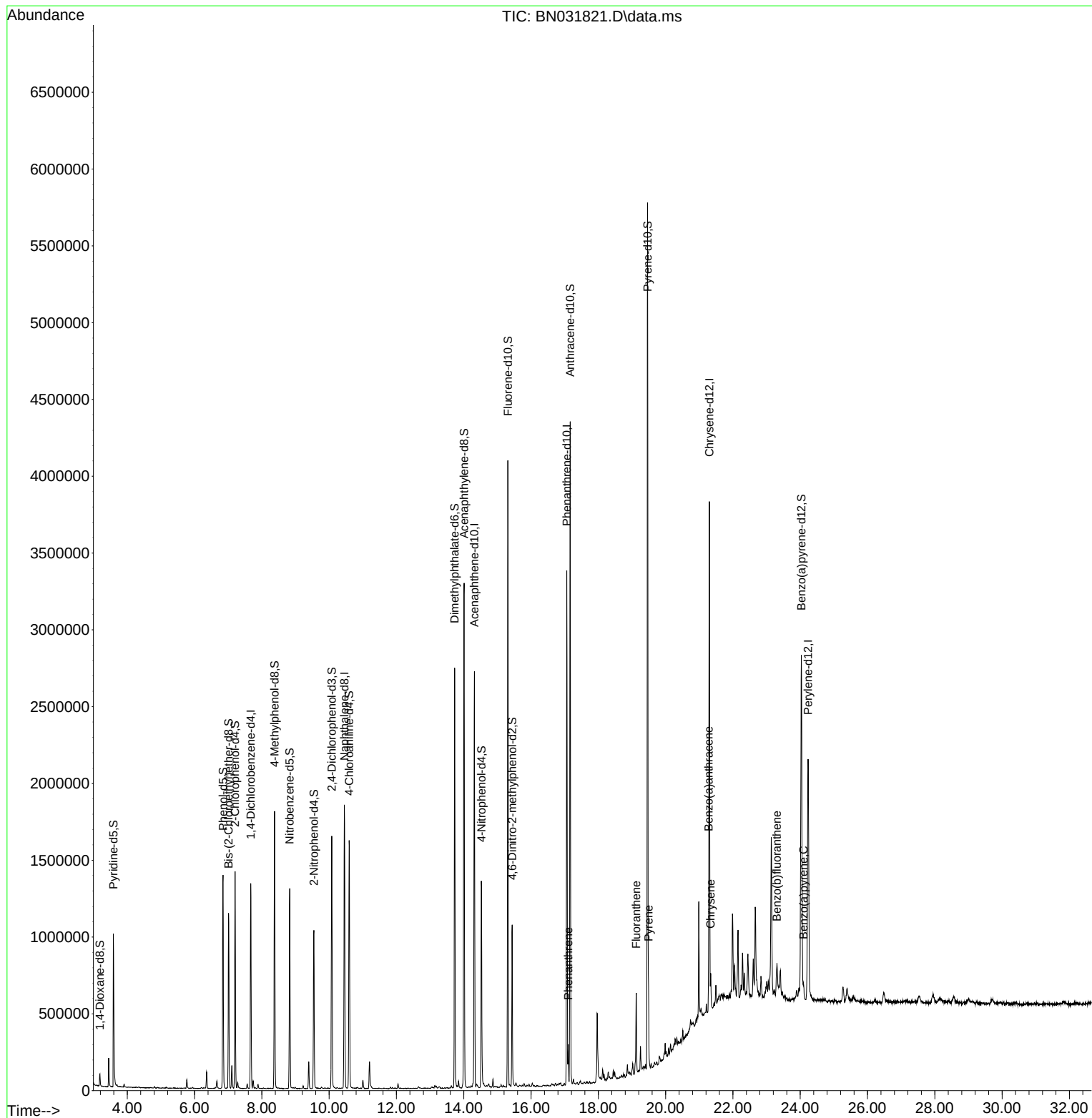
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	372530	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1573802	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	957652	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1938424	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1638326	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1424287	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	44143	4.902	ng/uL	-0.01
4) Pyridine-d5	3.587	84	578650	22.828	ng/u1	-0.01
7) Phenol-d5	6.846	99	887071	27.776	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	485646	25.998	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	682048	27.989	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	703907	27.039	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	341684	28.395	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	364742	29.343	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	633033	27.279	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.593	131	924146	26.822	ng/u1	-0.02
46) Dimethylphthalate-d6	13.728	166	1866205	27.972	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	2226904	29.029	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	356428	26.683	ng/u1	0.00
60) Fluorene-d10	15.310	176	1588361	28.138	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	225611	23.155	ng/u1	0.00
73) Anthracene-d10	17.163	188	2371965	28.582	ng/u1	0.00
81) Pyrene-d10	19.463	212	2926336	33.379	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2000192	29.410	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	146731	1.486	ng/u1	99
80) Fluoranthene	19.128	202	301265	2.875	ng/u1	99
82) Pyrene	19.492	202	299184	2.783	ng/u1	97
85) Benzo(a)anthracene	21.280	228	125951	1.149	ng/u1	99
87) Chrysene	21.339	228	145707	1.422	ng/u1	95
90) Benzo(b)fluoranthene	23.304	252	153946	1.808	ng/u1#	94
93) Benzo(a)pyrene	24.098	252	94272	1.182	ng/u1#	93

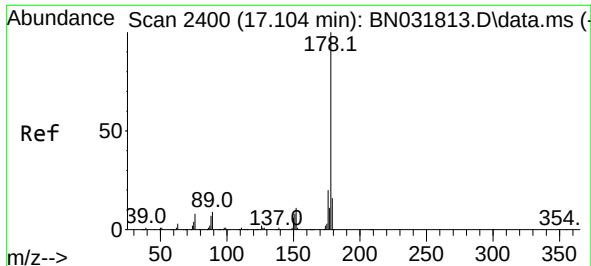
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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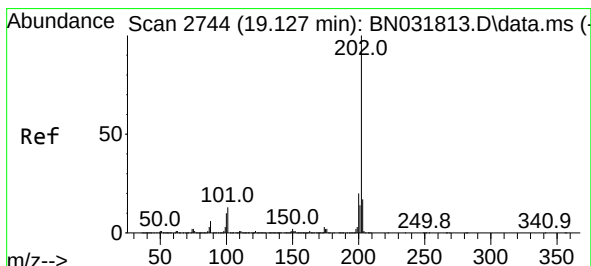
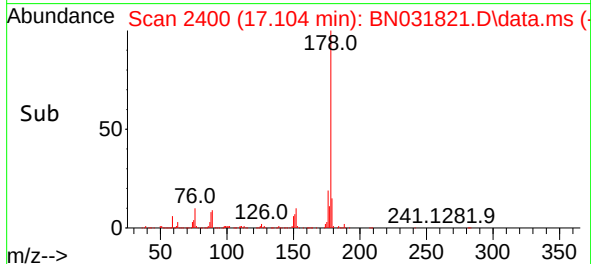
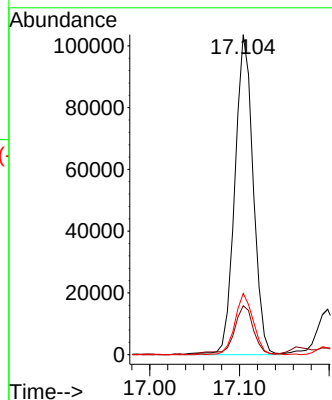
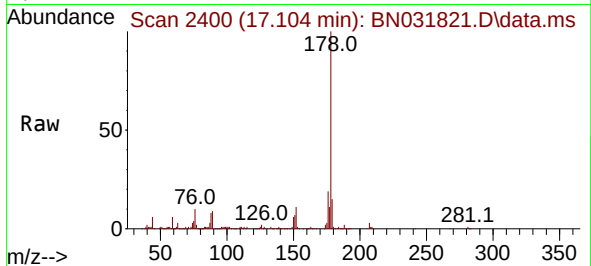




#72
Phenanthrene
Concen: 1.486 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031821.D
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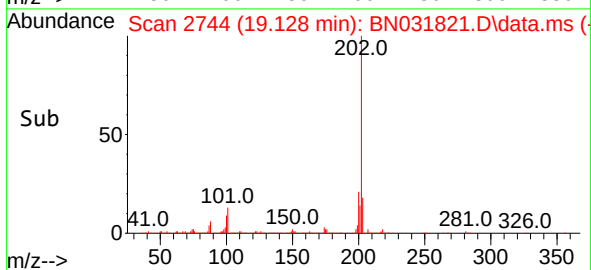
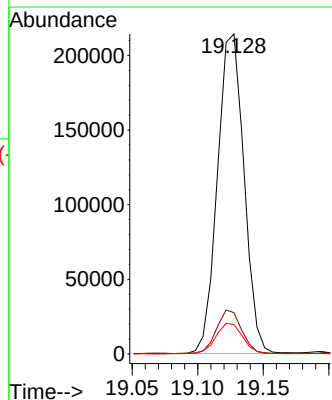
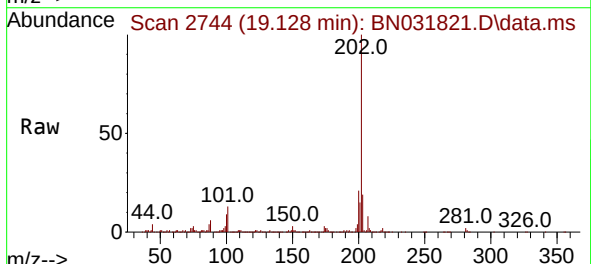
Instrument :
BNA_N
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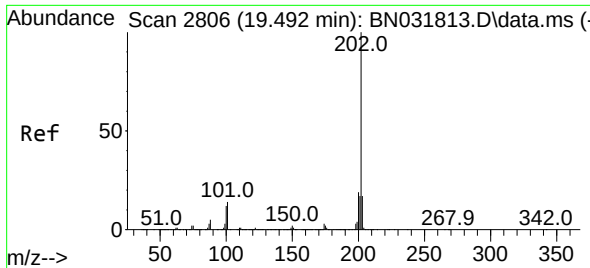
Tgt Ion:178 Resp: 146731
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.1 15.8 23.6



#80
Fluoranthene
Concen: 2.875 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031821.D
Acq: 06 Jun 2024 16:34

Tgt Ion:202 Resp: 301265
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.2 8.0 12.0

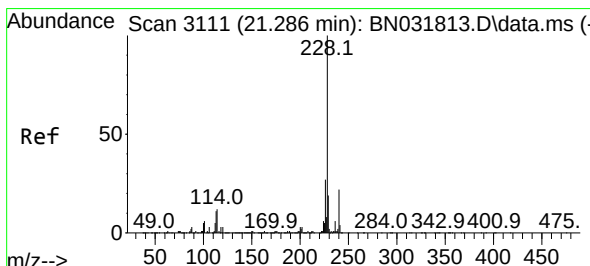
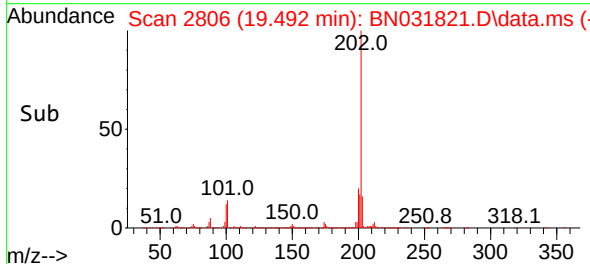
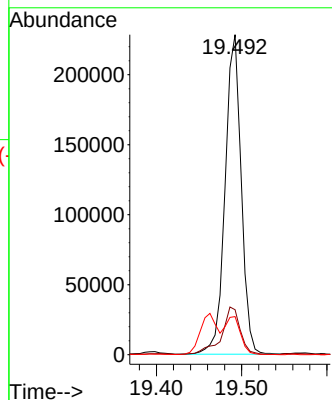
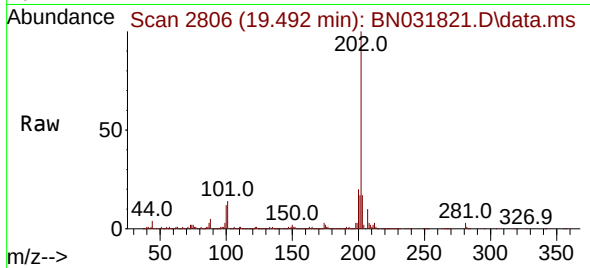




#82
 Pyrene
 Concen: 2.783 ng/ul
 RT: 19.492 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN031821.D
 Acq: 06 Jun 2024 16:34

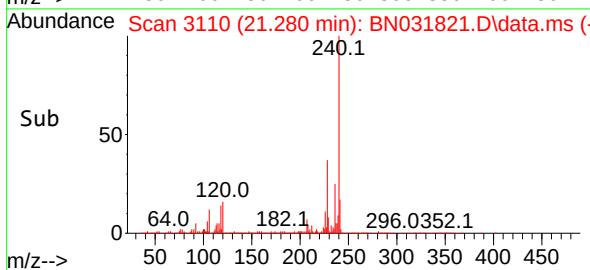
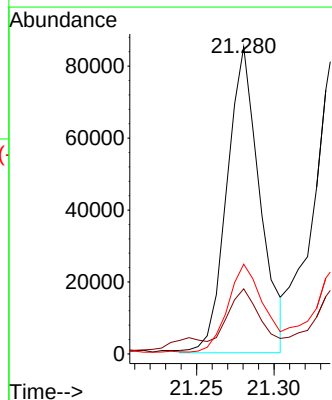
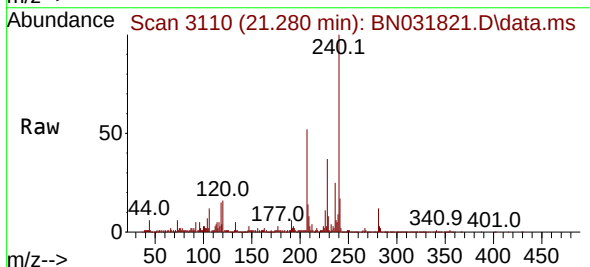
Instrument :
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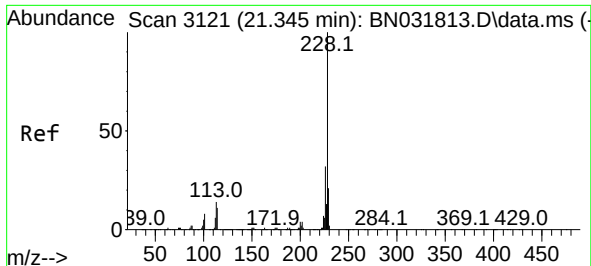
Tgt Ion:202 Resp: 299184
 Ion Ratio Lower Upper
 202 100
 101 14.0 12.6 18.8
 100 11.9 10.2 15.2



#85
 Benzo(a)anthracene
 Concen: 1.149 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031821.D
 Acq: 06 Jun 2024 16:34

Tgt Ion:228 Resp: 125951
 Ion Ratio Lower Upper
 228 100
 229 21.2 16.7 25.1
 226 29.2 22.8 34.2

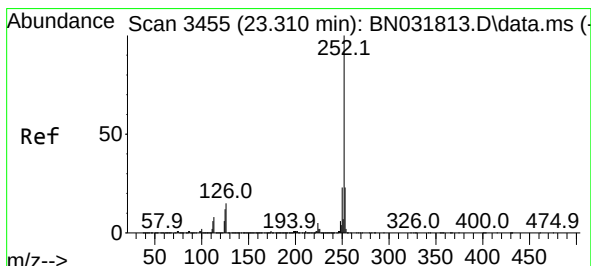
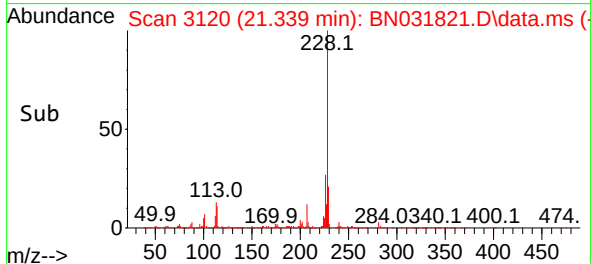
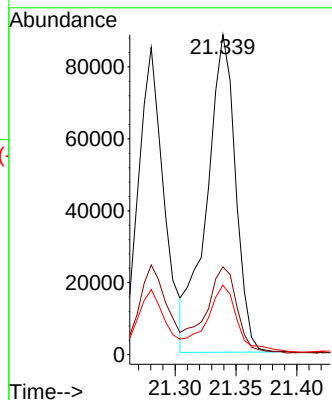
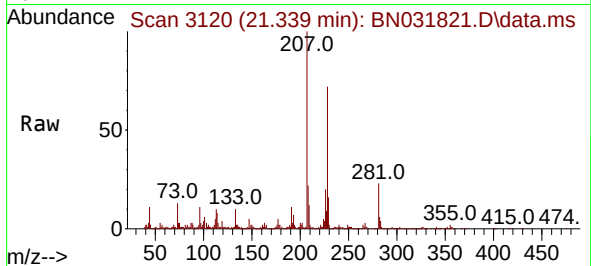




#87
Chrysene
Concen: 1.422 ng/ul
RT: 21.339 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BN031821.D
Acq: 06 Jun 2024 16:34

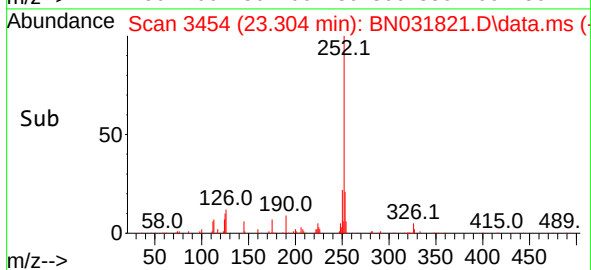
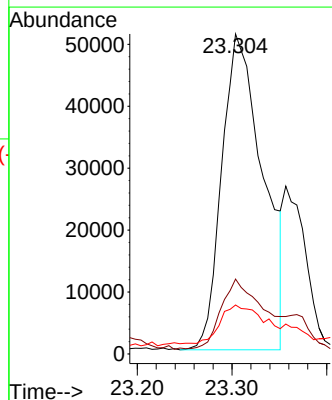
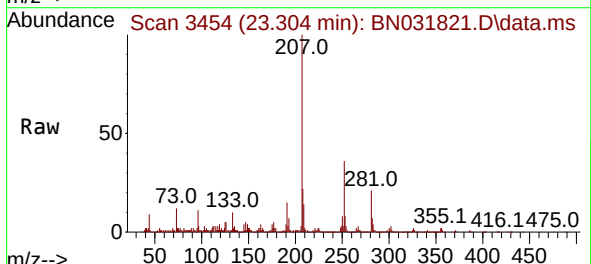
Instrument :
BNA_N
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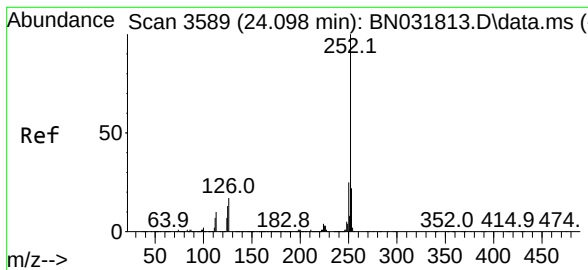
Tgt Ion:228 Resp: 145707
Ion Ratio Lower Upper
228 100
226 27.4 23.7 35.5
229 21.7 15.1 22.7



#90
Benzo(b)fluoranthene
Concen: 1.808 ng/ul
RT: 23.304 min Scan# 3454
Delta R.T. -0.006 min
Lab File: BN031821.D
Acq: 06 Jun 2024 16:34

Tgt Ion:252 Resp: 153946
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 15.3 9.2 13.8#





#93

Benzo(a)pyrene

Concen: 1.182 ng/ul

RT: 24.098 min Scan# 3

Delta R.T. -0.006 min

Lab File: BN031821.D

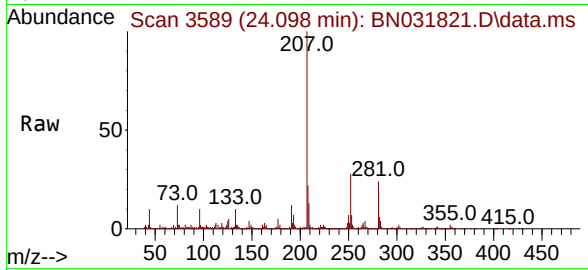
Acq: 06 Jun 2024 16:34

Instrument :

BNA_N

ClientSampleId :

BHBX1



Tgt Ion:252 Resp: 94272

Ion Ratio Lower Upper

252 100

253 23.9 16.6 24.8

125 15.0 9.8 14.8#

