

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031800.D
 Acq On : 05 Jun 2024 15:07
 Operator : MA/JU
 Sample : P2623-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBR0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 16:12:13 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	7.675	152	234183	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	1079444	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	754434	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1667368	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1706045	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2099636	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	20836	3.681	ng/uL	-0.01
4) Pyridine-d5	3.587	84	275065	17.262	ng/u1	-0.01
7) Phenol-d5	6.846	99	409318	20.388	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	227936	19.410	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.205	132	310975	20.301	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	336297	20.550	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	163883	19.856	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	178195	20.901	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	314417	19.754	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	489646	20.720	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	1122252	21.352	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	1249803	20.680	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	213444	20.283	ng/u1	0.00
60) Fluorene-d10	15.310	176	970595	21.825	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	137154	16.365	ng/u1	0.00
73) Anthracene-d10	17.163	188	1511589	21.175	ng/u1	0.00
81) Pyrene-d10	19.463	212	1910607	20.928	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2124589	21.191	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	348151	4.099	ng/u1	99
80) Fluoranthene	19.128	202	686432	6.291	ng/u1	100
82) Pyrene	19.492	202	575432	5.140	ng/u1	98
85) Benzo(a)anthracene	21.286	228	348984	3.056	ng/u1	98
87) Chrysene	21.345	228	330492m	3.098	ng/u1	
90) Benzo(b)fluoranthene	23.310	252	457969	3.649	ng/u1	95
91) Benzo(k)fluoranthene	23.369	252	168909m	1.372	ng/u1	
93) Benzo(a)pyrene	24.098	252	304535	2.591	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.539	276	200164	1.478	ng/u1	97
96) Benzo(g,h,i)perylene	28.580	276	168085	1.561	ng/u1	99

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

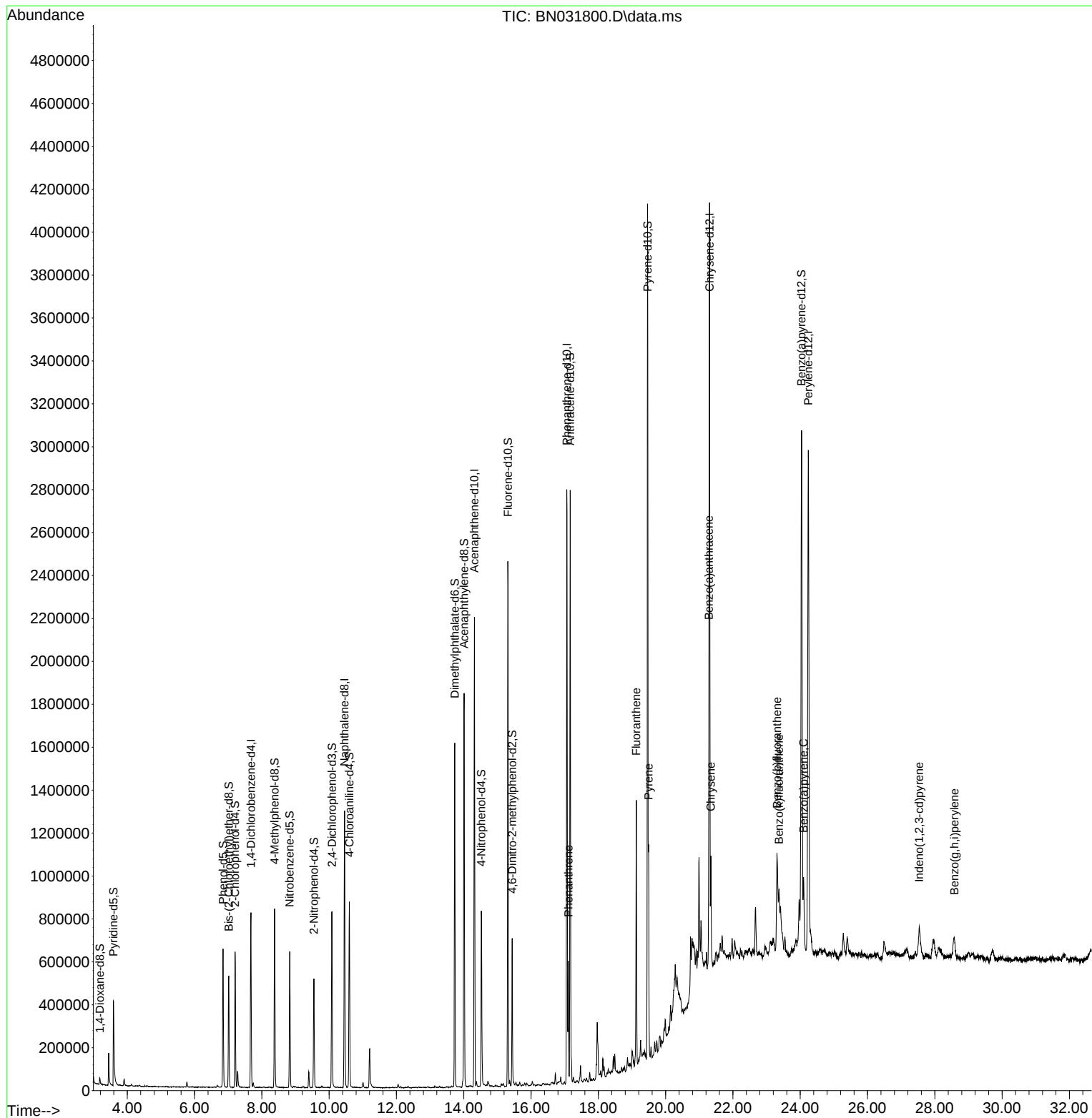
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031800.D
 Acq On : 05 Jun 2024 15:07
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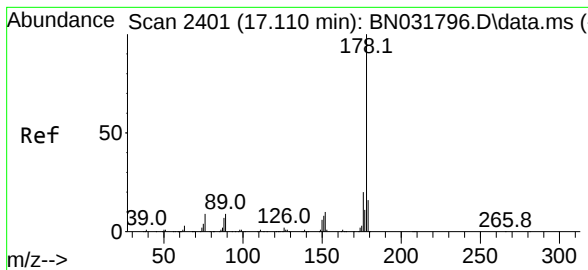
Instrument :
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Quant Time: Jun 05 16:12:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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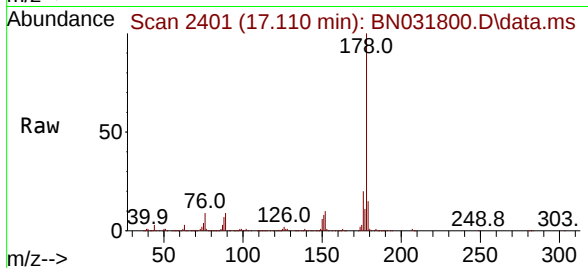
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024





#72
 Phenanthrene
 Concen: 4.099 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031800.D
 Acq: 05 Jun 2024 15:07

Instrument :
 BNA_N
 ClientSampleId :
 BHBR0

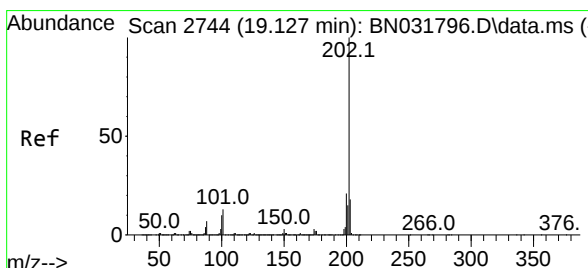
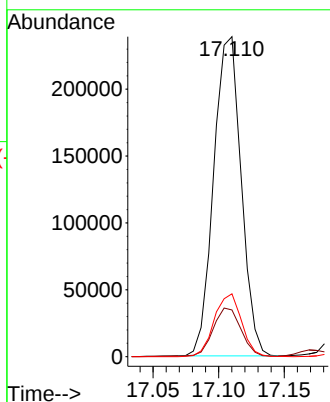
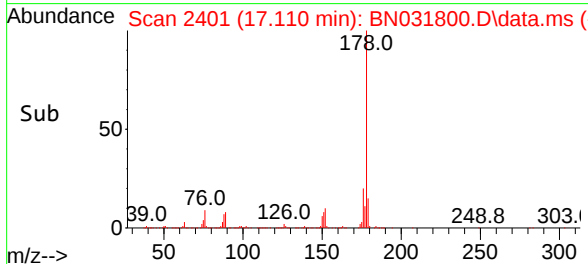


Tgt Ion:178 Resp: 34815

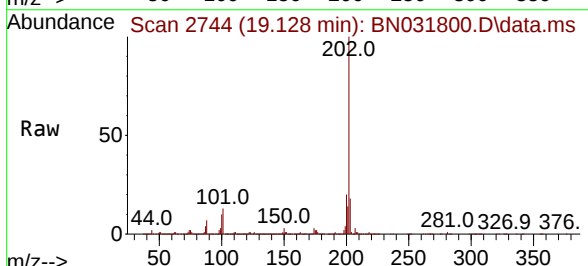
Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	19.6	15.8	23.6

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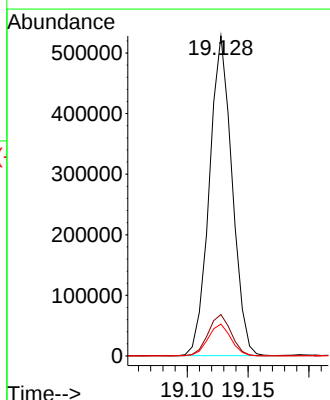
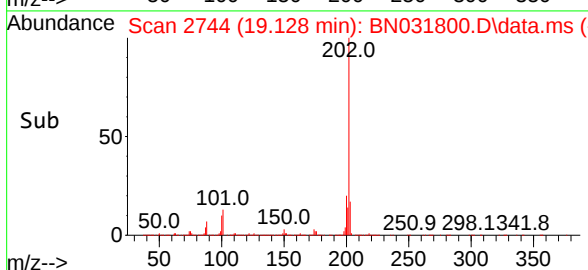


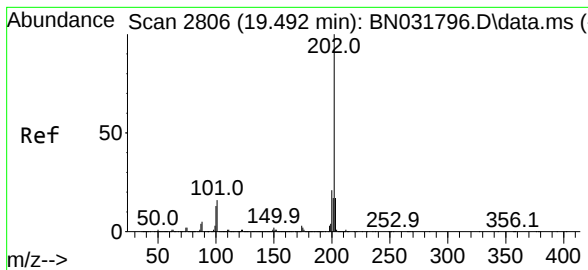
#80
 Fluoranthene
 Concen: 6.291 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031800.D
 Acq: 05 Jun 2024 15:07



Tgt Ion:202 Resp: 686432

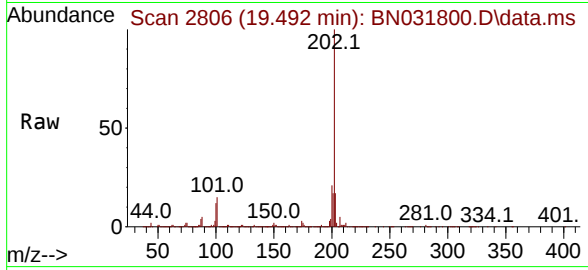
Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.3	15.5
100	10.0	8.0	12.0





#82
 Pyrene
 Concen: 5.140 ng/ul
 RT: 19.492 min Scan# 2806
 Delta R.T. 0.000 min
 Lab File: BN031800.D
 Acq: 05 Jun 2024 15:07

Instrument :
 BNA_N
 ClientSampleId :
 BHBR0

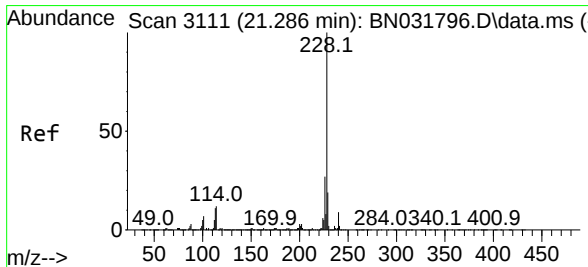
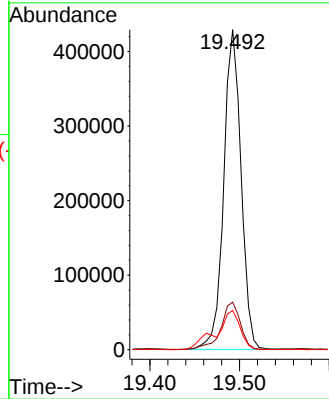
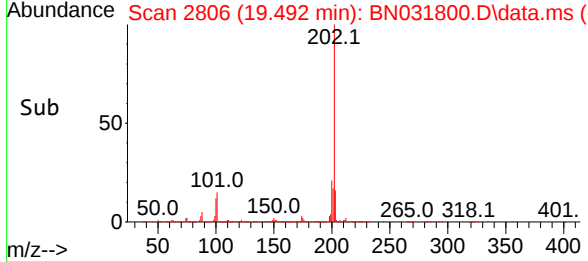


Tgt Ion: 202 Resp: 57543

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.6	18.8
100	12.3	10.2	15.2

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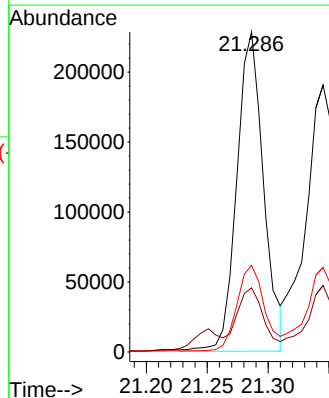
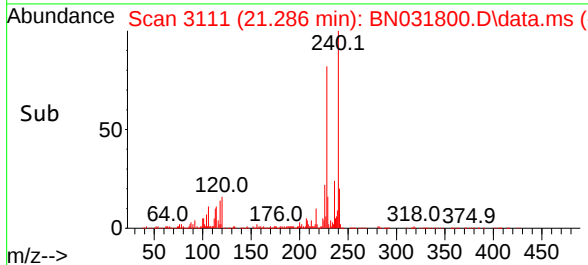
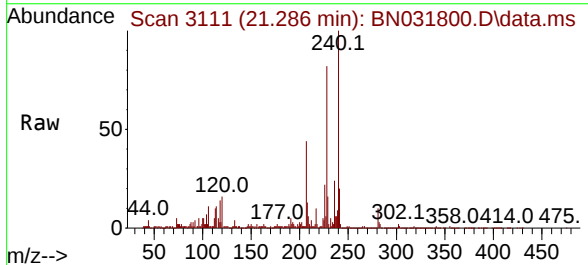
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

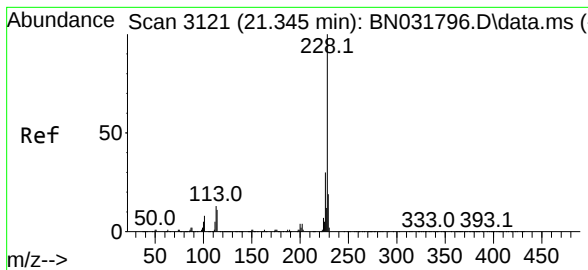


#85
 Benzo(a)anthracene
 Concen: 3.056 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BN031800.D
 Acq: 05 Jun 2024 15:07

Tgt Ion: 228 Resp: 348984

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.7	25.1
226	27.0	22.8	34.2





#87

Chrysene

Concen: 3.098 ng/ul m

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031800.D

Acq: 05 Jun 2024 15:07

Instrument :

BNA_N

ClientSampleId :

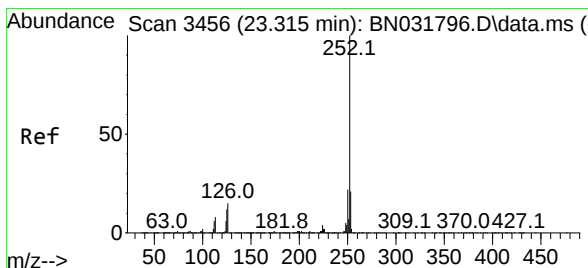
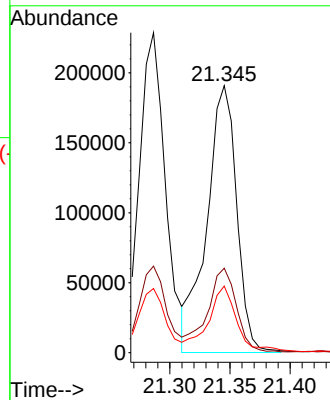
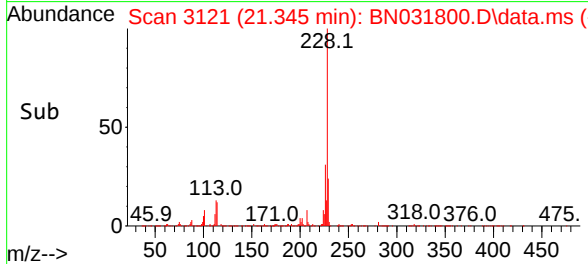
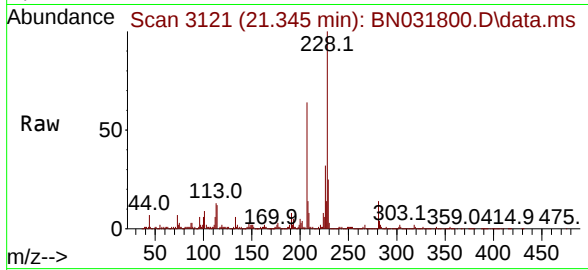
BHBR0

Tgt Ion:	228	Resp:	330492
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.7	35.5
229	24.9	15.1	22.7

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#90

Benzo(b)fluoranthene

Concen: 3.649 ng/ul

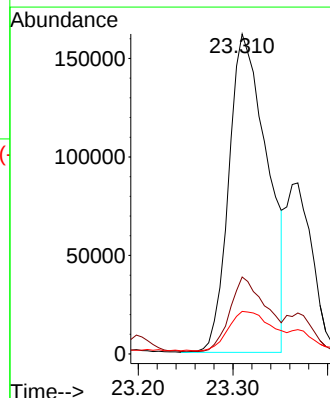
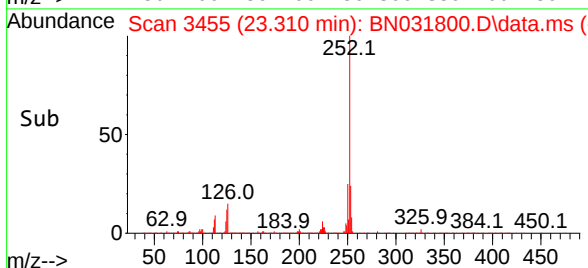
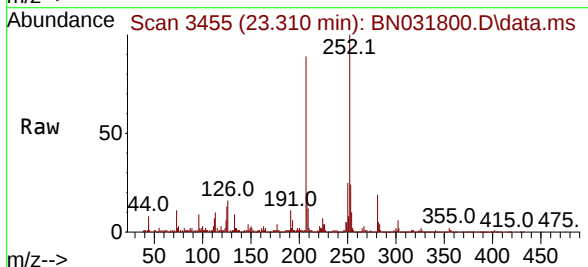
RT: 23.310 min Scan# 3455

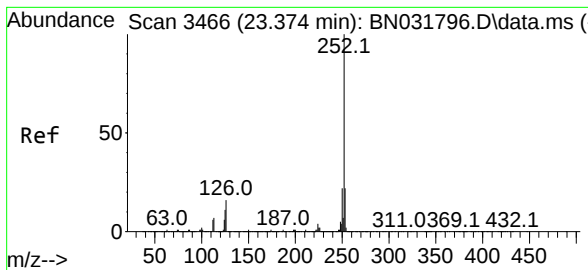
Delta R.T. 0.000 min

Lab File: BN031800.D

Acq: 05 Jun 2024 15:07

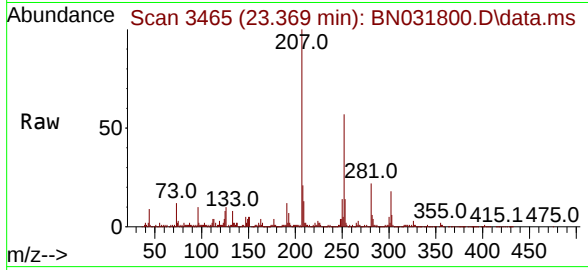
Tgt Ion:	252	Resp:	457969
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.0	25.6
125	13.3	9.2	13.8





#91
Benzo(k)fluoranthene
Concen: 1.372 ng/ul m
RT: 23.369 min Scan# 3466
Delta R.T. -0.006 min
Lab File: BN031800.D
Acq: 05 Jun 2024 15:07

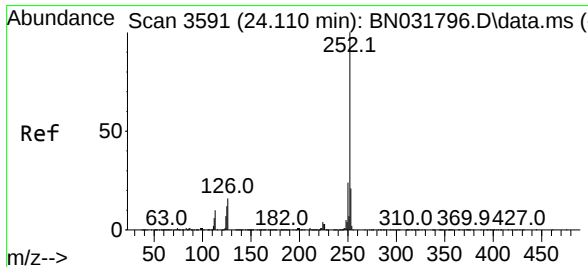
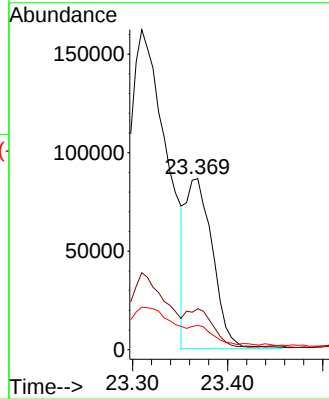
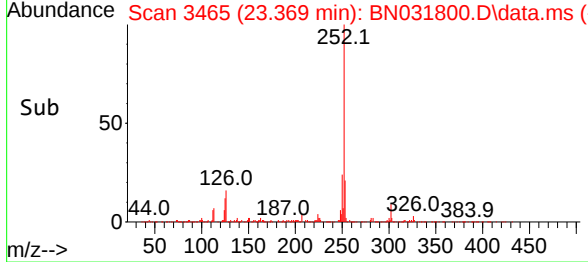
Instrument :
BNA_N
ClientSampleId :
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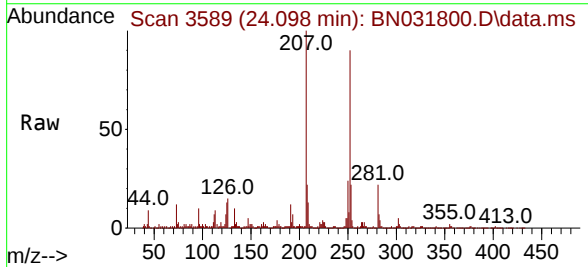
Tgt Ion:252 Resp: 168909
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 14.2 9.4 14.2

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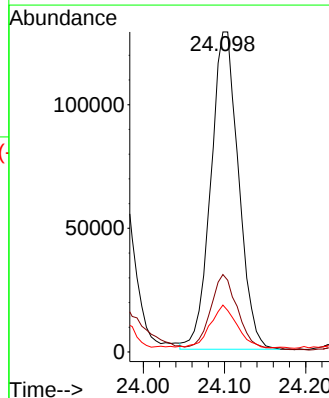
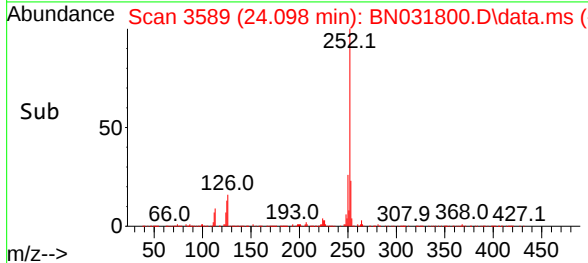
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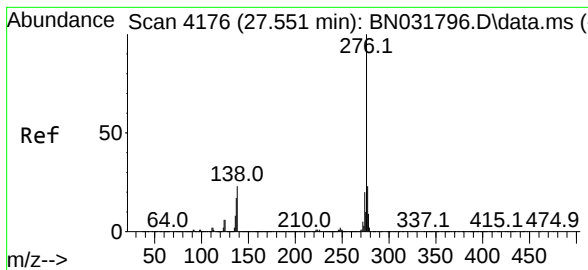


#93
Benzo(a)pyrene
Concen: 2.591 ng/ul
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031800.D
Acq: 05 Jun 2024 15:07



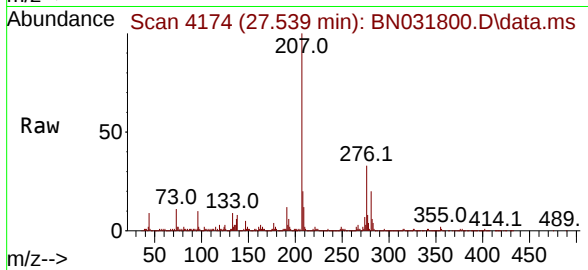
Tgt Ion:252 Resp: 304535
Ion Ratio Lower Upper
252 100
253 24.2 16.6 24.8
125 14.7 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.478 ng/ul
RT: 27.539 min Scan# 4176
Delta R.T. 0.006 min
Lab File: BN031800.D
Acq: 05 Jun 2024 15:07

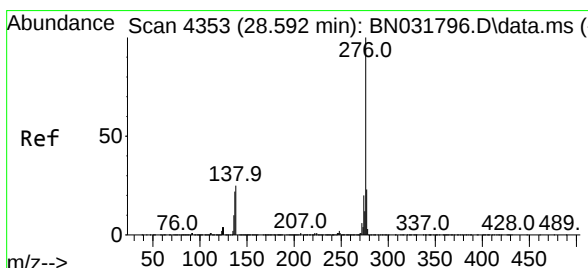
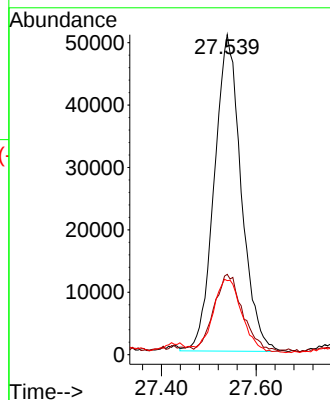
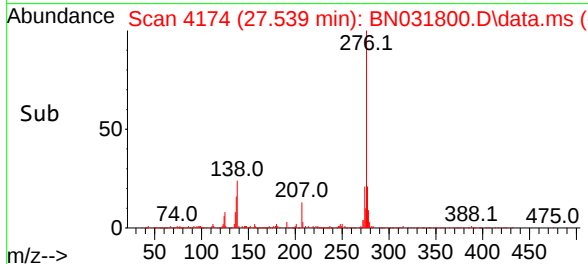
Instrument :
BNA_N
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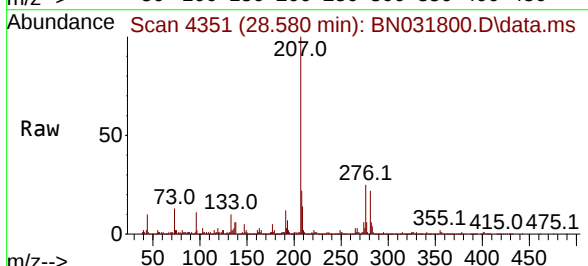
Tgt Ion:276 Resp: 200164
Ion Ratio Lower Upper
276 100
138 25.1 18.1 27.1
277 23.1 18.2 27.2

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.561 ng/ul
RT: 28.580 min Scan# 4351
Delta R.T. 0.012 min
Lab File: BN031800.D
Acq: 05 Jun 2024 15:07



Tgt Ion:276 Resp: 168085
Ion Ratio Lower Upper
276 100
138 25.5 20.9 31.3
277 22.4 18.0 27.0

