

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031816.D
 Acq On : 06 Jun 2024 13:15
 Operator : MA/JU
 Sample : P2634-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBV1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 13:48:33 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	332384	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1392002	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	851555	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1711688	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1637792	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1568935	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	37550	4.674	ng/uL	-0.01
4) Pyridine-d5	3.587	84	430408	19.031	ng/u1	-0.01
7) Phenol-d5	6.840	99	695661	24.414	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	401163	24.069	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	559869	25.751	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	503872	21.693	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	284327	26.714	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.540	143	294064	26.747	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.075	165	513682	25.027	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.593	131	696814	22.865	ng/u1	-0.02
46) Dimethylphthalate-d6	13.728	166	1514842	25.535	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	1821707	26.706	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	268305	22.588	ng/u1	0.00
60) Fluorene-d10	15.310	176	1311937	26.137	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	183971	21.383	ng/u1	0.00
73) Anthracene-d10	17.163	188	1879564	25.649	ng/u1	0.00
81) Pyrene-d10	19.463	212	2391912	27.292	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1980140	26.431	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	131460	1.508	ng/u1	98
80) Fluoranthene	19.128	202	269951	2.577	ng/u1	99
82) Pyrene	19.492	202	264342	2.460	ng/u1	98
85) Benzo(a)anthracene	21.280	228	152884	1.395	ng/u1	98
87) Chrysene	21.339	228	174237m	1.702	ng/u1	
90) Benzo(b)fluoranthene	23.310	252	186750	1.991	ng/u1#	95
93) Benzo(a)pyrene	24.098	252	122515	1.395	ng/u1#	95

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

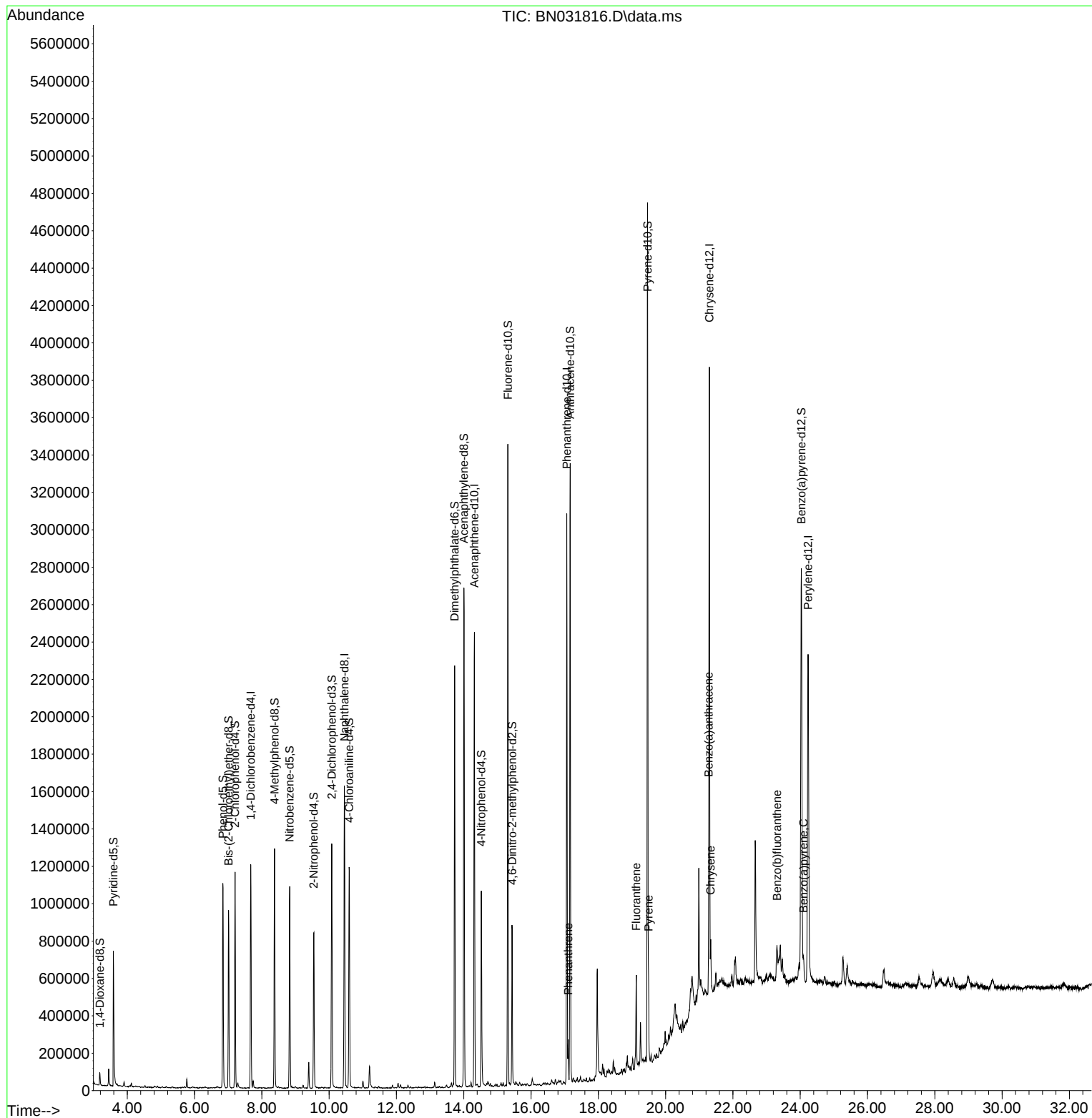
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031816.D
Acq On : 06 Jun 2024 13:15
Operator : MA/JU
Sample : P2634-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

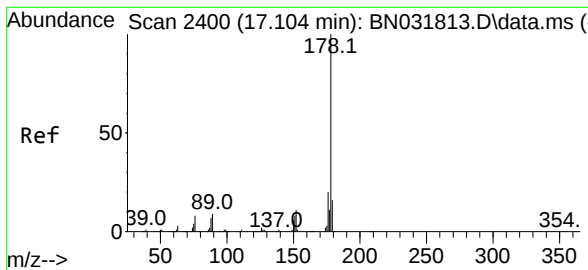
Instrument :
BNA_N
ClientSampleId :
BHBY1

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Supervised By :mohammad ahmed 06/08/2024

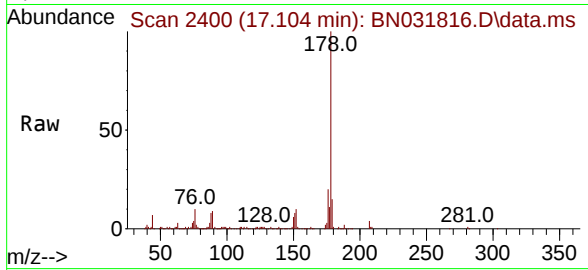
Quant Time: Jun 06 13:48:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.508 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031816.D
Acq: 06 Jun 2024 13:15

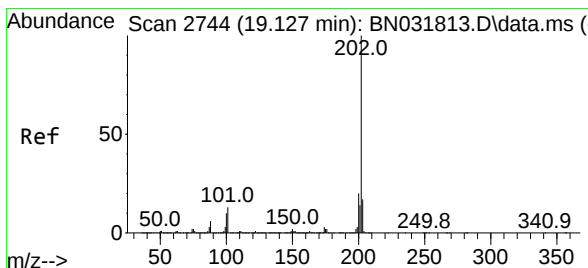
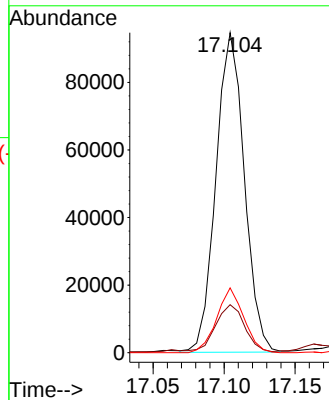
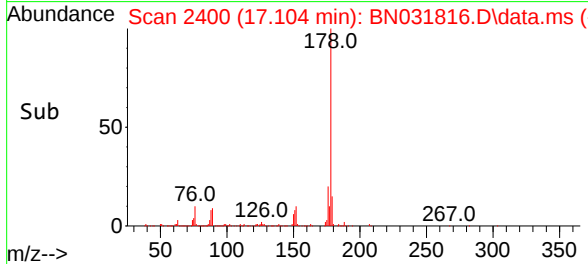
Instrument :
BNA_N
ClientSampleId :
BHHY1



Tgt Ion:178 Resp: 131460
Ion Ratio Lower Upper
178 100
179 15.0 12.6 19.0
176 20.3 15.8 23.6

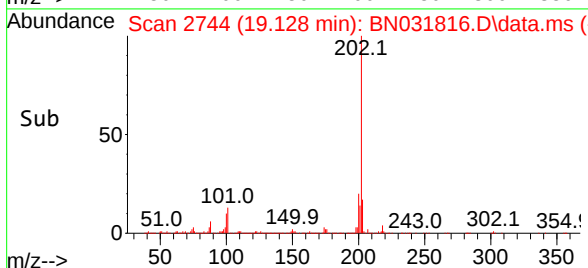
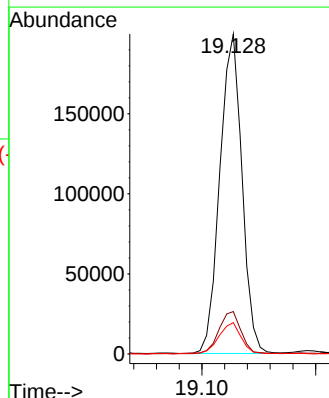
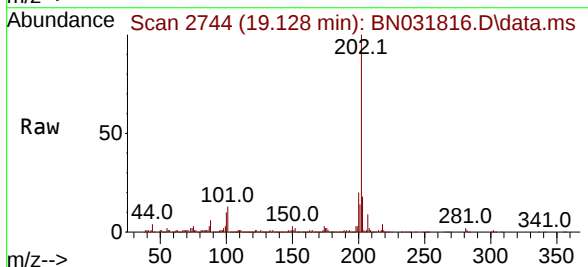
Manual Integrations
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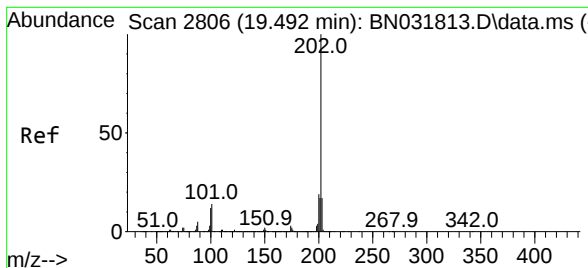
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#80
Fluoranthene
Concen: 2.577 ng/ul
RT: 19.128 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BN031816.D
Acq: 06 Jun 2024 13:15

Tgt Ion:202 Resp: 269951
Ion Ratio Lower Upper
202 100
101 13.3 10.3 15.5
100 9.8 8.0 12.0





#82

Pyrene

Concen: 2.460 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN031816.D

Acq: 06 Jun 2024 13:15

Instrument :

BNA_N

ClientSampleId :

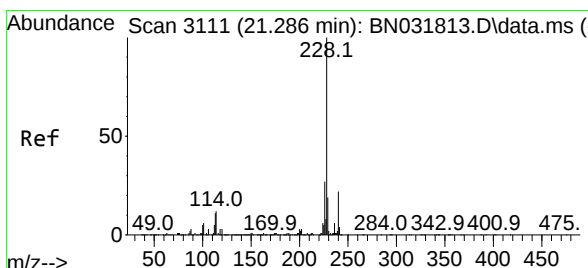
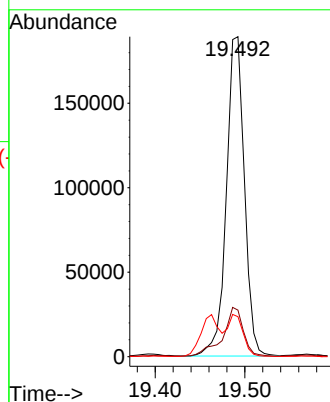
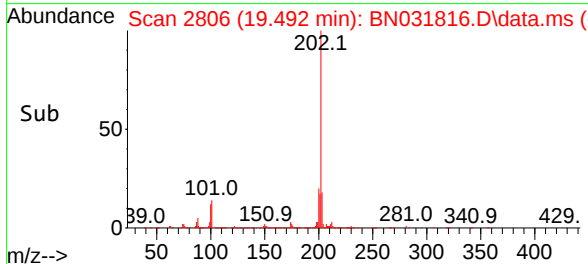
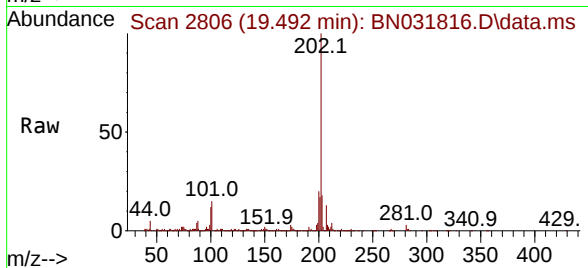
BHBY1

Tgt Ion:202 Resp: 26434
 Ion Ratio Lower Upper
 202 100
 101 14.5 12.6 18.8
 100 12.5 10.2 15.2

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#85

Benzo(a)anthracene

Concen: 1.395 ng/ul

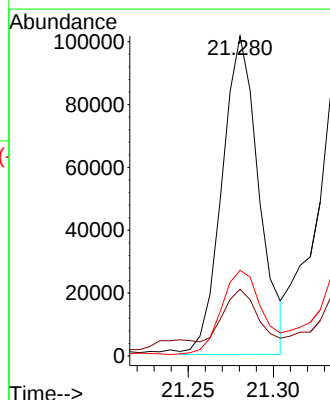
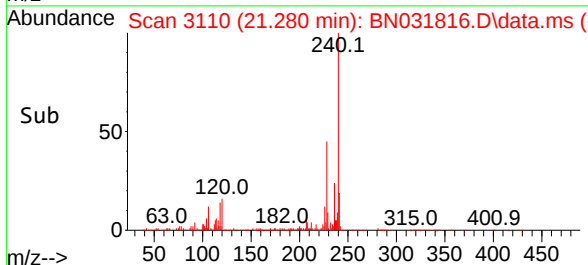
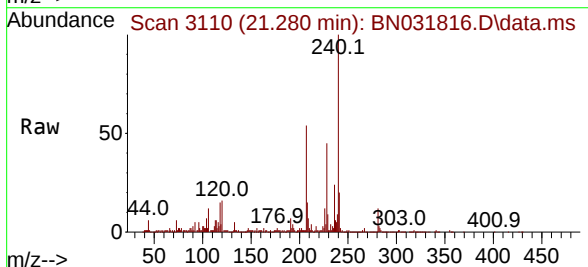
RT: 21.280 min Scan# 3110

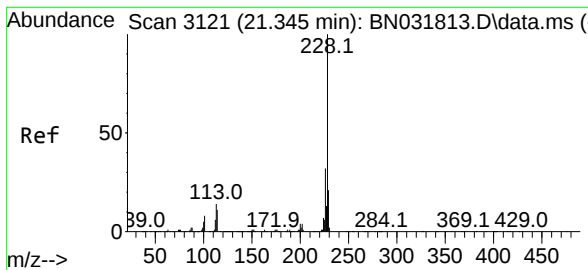
Delta R.T. -0.006 min

Lab File: BN031816.D

Acq: 06 Jun 2024 13:15

Tgt Ion:228 Resp: 152884
 Ion Ratio Lower Upper
 228 100
 229 20.9 16.7 25.1
 226 26.7 22.8 34.2





#87

Chrysene

Concen: 1.702 ng/ul m

RT: 21.339 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BN031816.D

Acq: 06 Jun 2024 13:15

Instrument :

BNA_N

ClientSampleId :

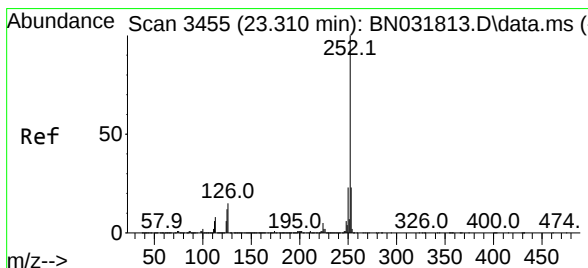
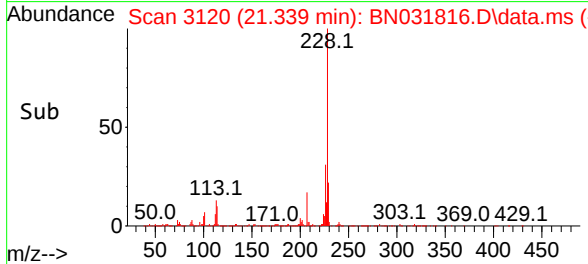
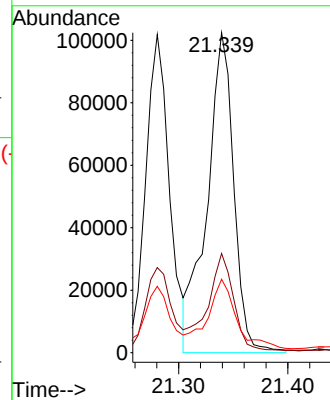
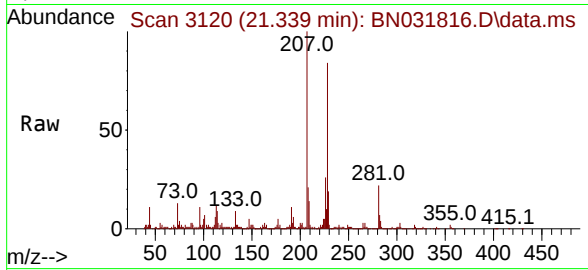
BHBY1

Tgt Ion:	228	Resp:	17423
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.7	35.5
229	22.9	15.1	22.7

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#90

Benzo(b)fluoranthene

Concen: 1.991 ng/ul

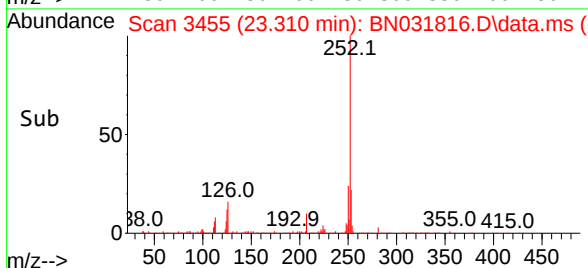
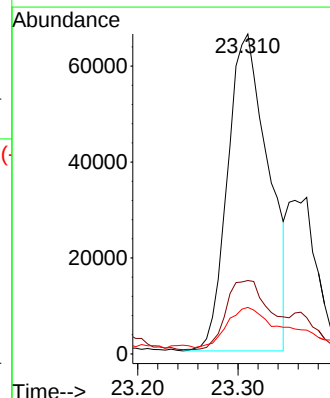
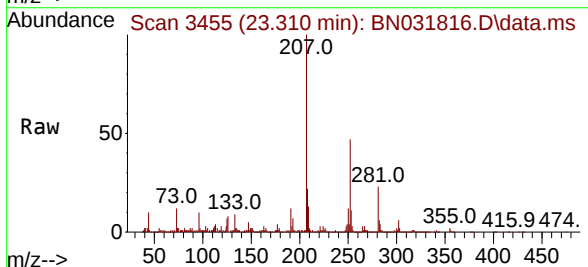
RT: 23.310 min Scan# 3455

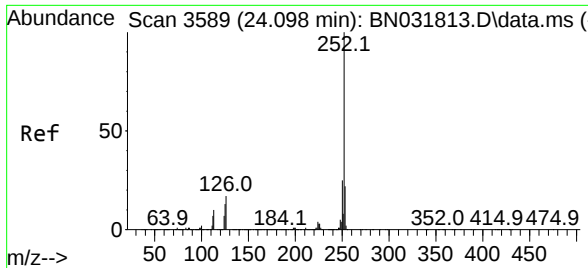
Delta R.T. 0.000 min

Lab File: BN031816.D

Acq: 06 Jun 2024 13:15

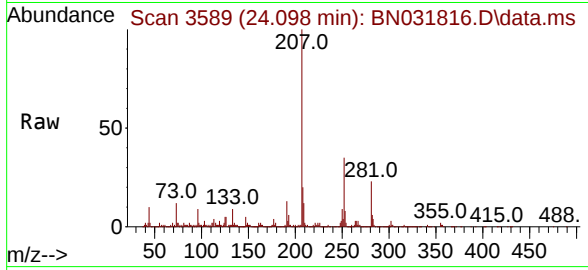
Tgt Ion:	252	Resp:	186750
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.0	25.6
125	14.5	9.2	13.8





#93
Benzo(a)pyrene
Concen: 1.395 ng/ul
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031816.D
Acq: 06 Jun 2024 13:15

Instrument :
BNA_N
ClientSampleId :
BHBY1



Tgt Ion:252 Resp: 122515
Ion Ratio Lower Upper
252 100
253 22.5 16.6 24.8
125 14.9 9.8 14.8

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