

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031983.D
 Acq On : 13 Jun 2024 18:55
 Operator : MA/JU
 Sample : P2663-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH695

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 23:04:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	352430	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1476785	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	862465	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1448996	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	930660	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1125416	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	40667	4.774	ng/uL	0.00
4) Pyridine-d5	3.593	84	71310	2.974	ng/u1	0.01
7) Phenol-d5	6.840	99	877337	29.038	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	524706	29.691	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	740294	32.112	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	556785	22.608	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	381919	33.823	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	408810	35.049	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	668379	30.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	743448	22.995	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1979851	32.951	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2260051	32.713	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	237623	19.752	ng/u1	0.00
60) Fluorene-d10	15.298	176	1578045	31.040	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	130903	17.973	ng/u1	0.00
73) Anthracene-d10	17.151	188	1966430	31.699	ng/u1	0.00
81) Pyrene-d10	19.457	212	1718358	34.504	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	1321209	24.586	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.481	105	54587	1.463	ng/u1	98
72) Phenanthrene	17.098	178	374920	5.079	ng/u1	98
80) Fluoranthene	19.116	202	816913	13.726	ng/u1	98
82) Pyrene	19.486	202	614173	10.058	ng/u1	95
85) Benzo(a)anthracene	21.274	228	394486	6.333	ng/u1	99
87) Chrysene	21.333	228	423470m	7.278	ng/u1	
90) Benzo(b)fluoranthene	23.298	252	549174	8.164	ng/u1	98
91) Benzo(k)fluoranthene	23.351	252	182515	2.765	ng/u1	97
93) Benzo(a)pyrene	24.086	252	222253	3.528	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.527	276	205319m	2.828	ng/u1	
95) Dibenzo(a,h)anthracene	27.562	278	72432	1.222	ng/u1#	88

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

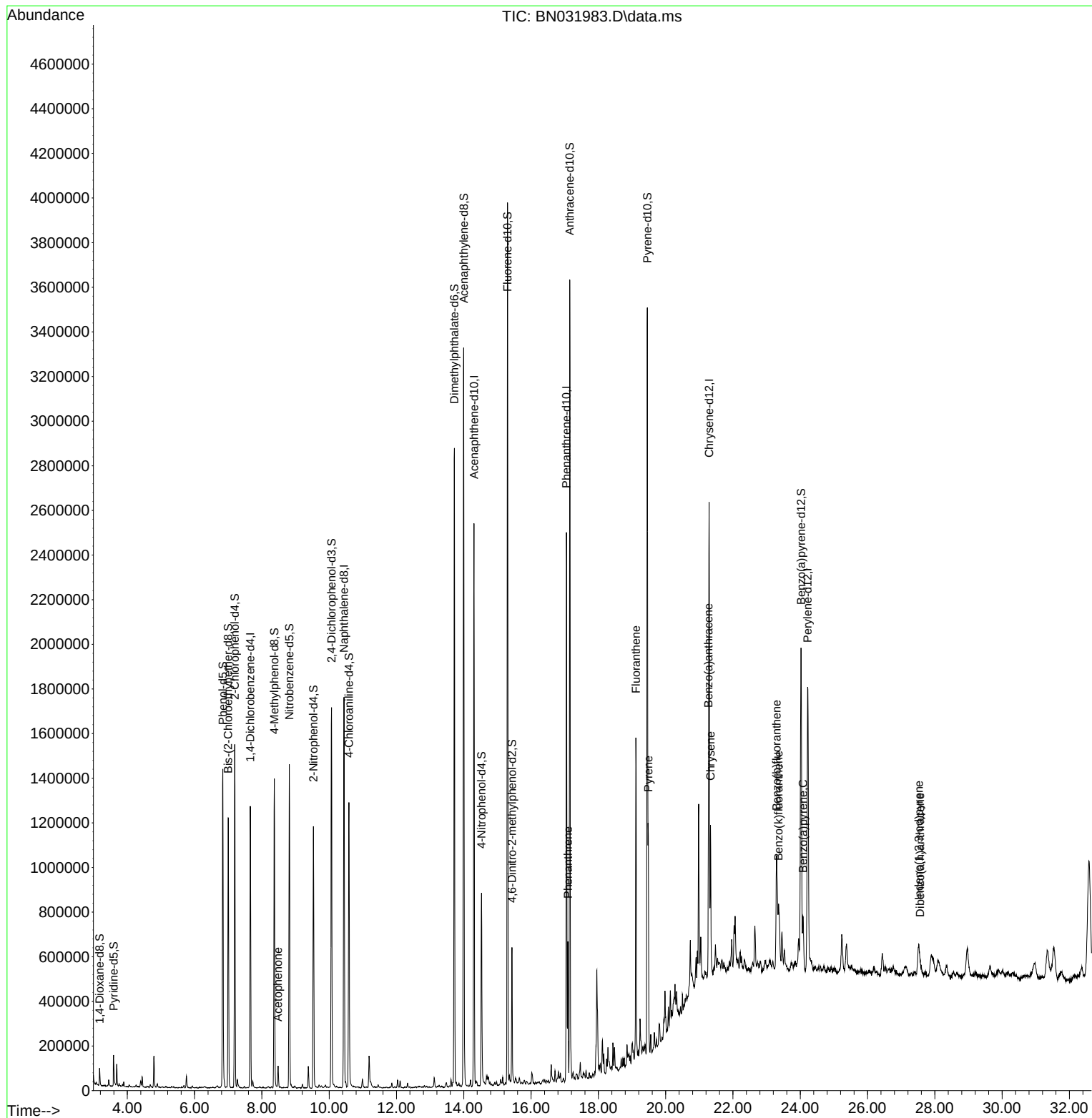
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031983.D
Acq On : 13 Jun 2024 18:55
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ALS Vial : 42 Sample Multiplier: 1

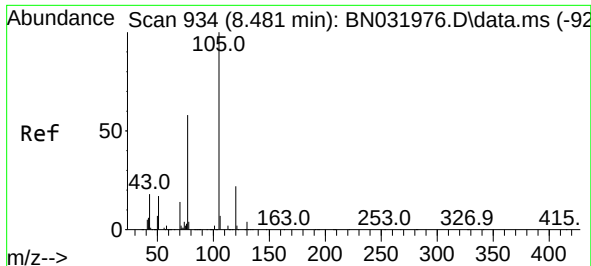
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
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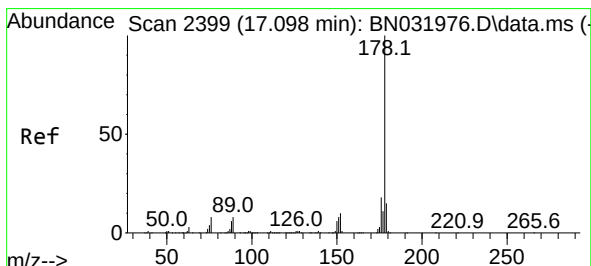
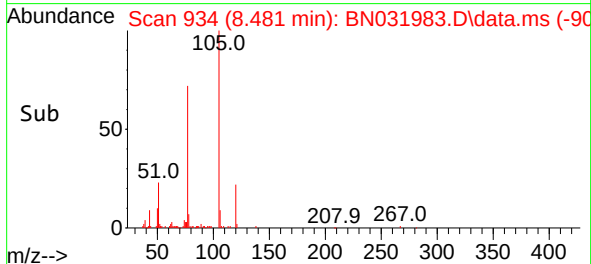
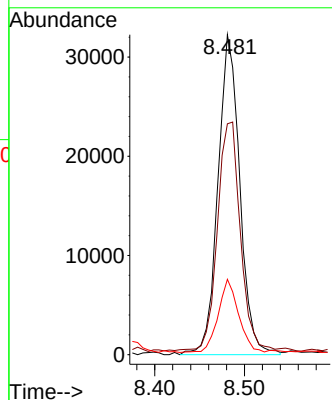
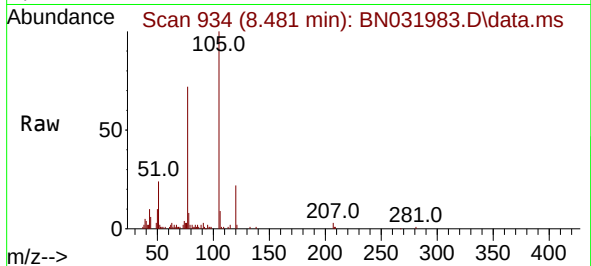
#16
Acetophenone
Concen: 1.463 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031983.D
Acq: 13 Jun 2024 18:55

Instrument :
BNA_N
ClientSampleId :
BH695

Tgt Ion:105 Resp: 5458
Ion Ratio Lower Upper
105 100
77 72.1 58.6 87.8
51 23.6 17.2 25.8

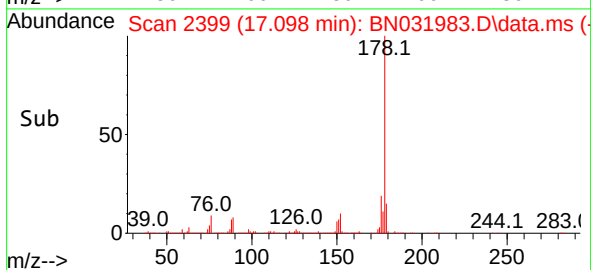
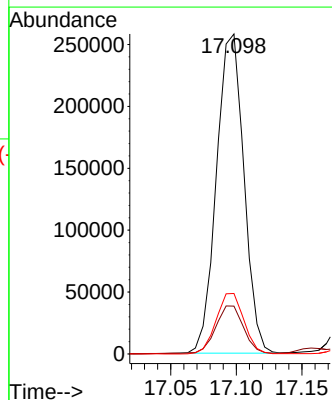
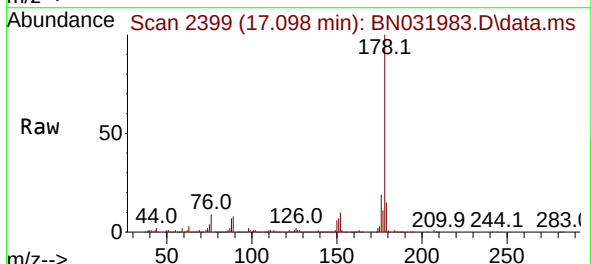
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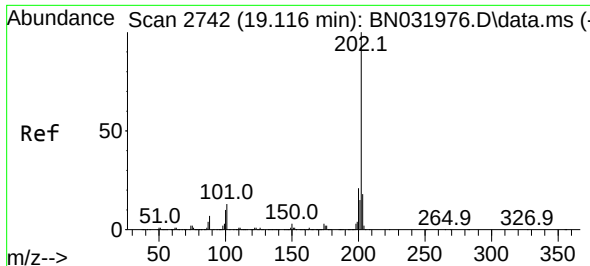
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#72
Phenanthrene
Concen: 5.079 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031983.D
Acq: 13 Jun 2024 18:55

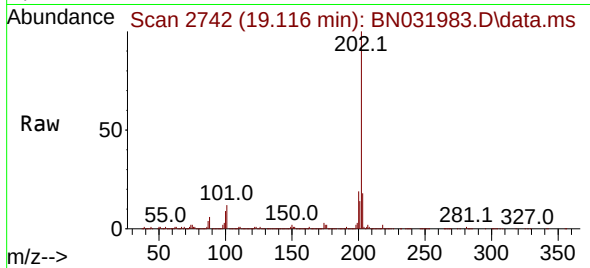
Tgt Ion:178 Resp: 374920
Ion Ratio Lower Upper
178 100
179 14.9 12.6 19.0
176 18.9 15.8 23.6





#80
Fluoranthene
Concen: 13.726 ng/u1
RT: 19.116 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031983.D
Acq: 13 Jun 2024 18:55

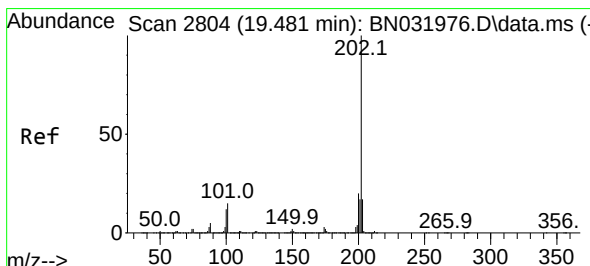
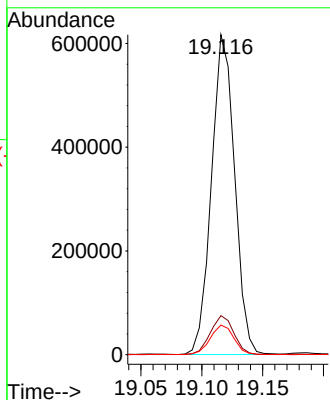
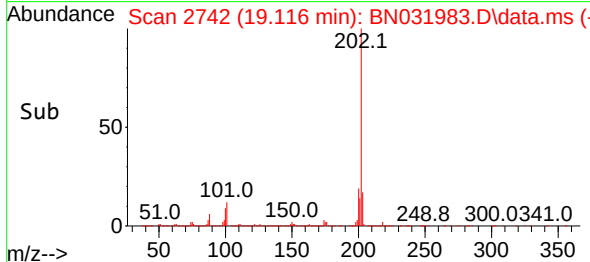
Instrument :
BNA_N
ClientSampleId :
BH695



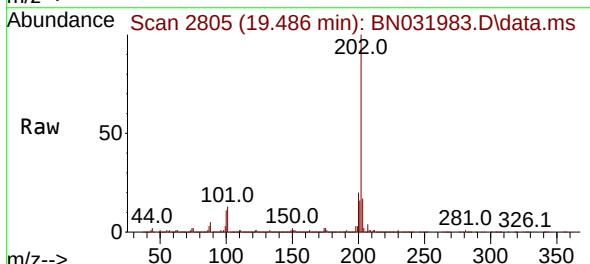
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Ion Ratio Lower Upper
202 100
101 12.2 10.3 15.5
100 9.2 8.0 12.0

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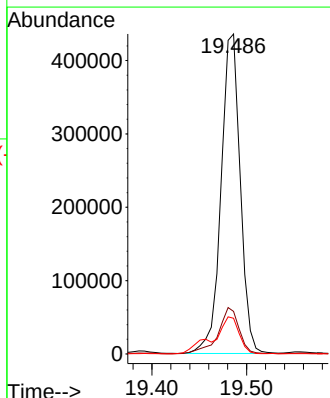
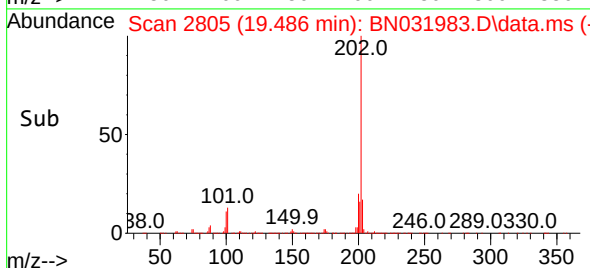
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024

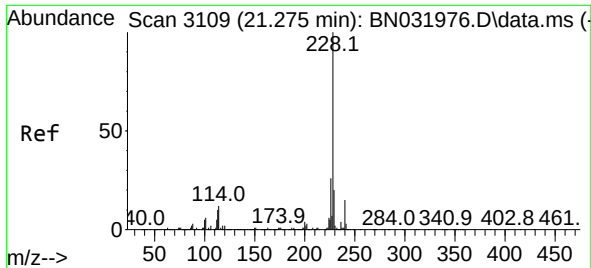


#82
Pyrene
Concen: 10.058 ng/u1
RT: 19.486 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BN031983.D
Acq: 13 Jun 2024 18:55



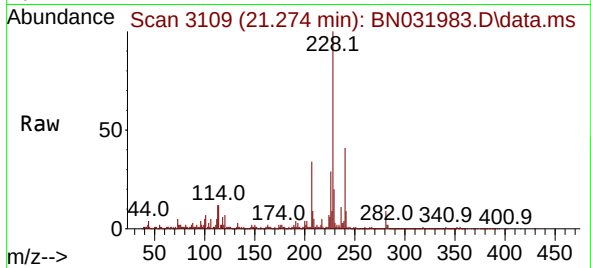
Tgt Ion:202 Resp: 614173
Ion Ratio Lower Upper
202 100
101 13.3 12.6 18.8
100 11.2 10.2 15.2





#85
Benzo(a)anthracene
Concen: 6.333 ng/u1
RT: 21.274 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN031983.D
Acq: 13 Jun 2024 18:55

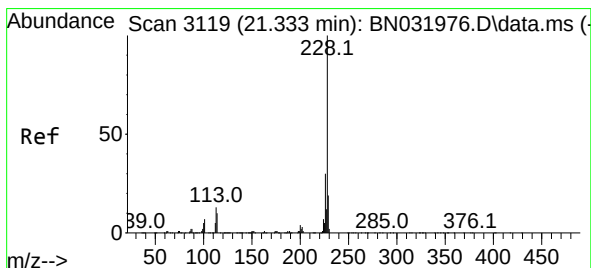
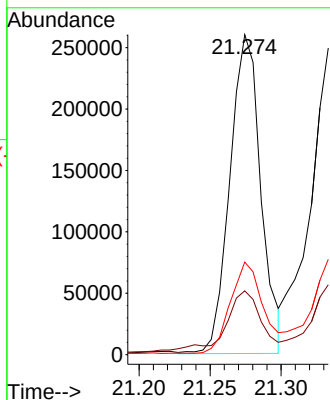
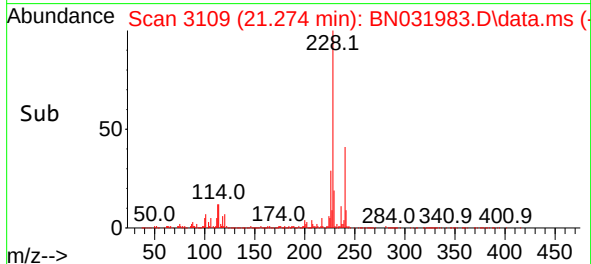
Instrument :
BNA_N
ClientSampleId :
BH695



Tgt Ion:228 Resp: 394480
Ion Ratio Lower Upper
228 100
229 20.0 16.7 25.1
226 28.9 22.8 34.2

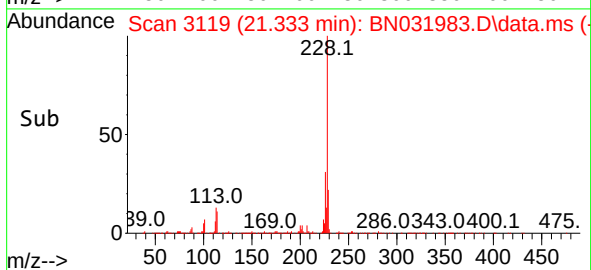
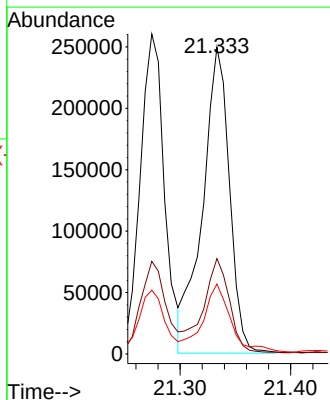
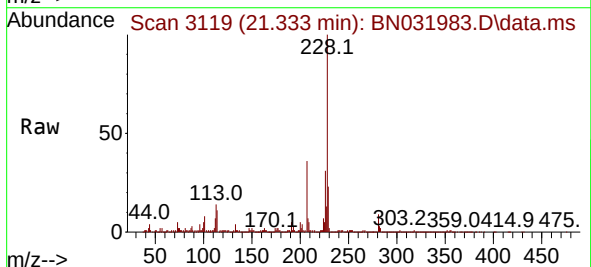
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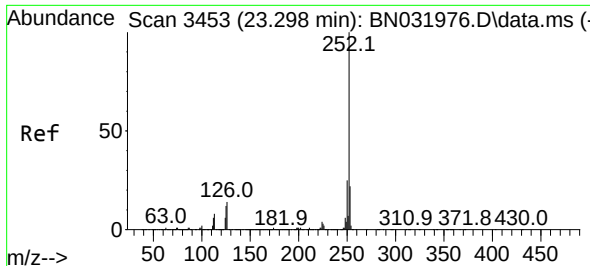
Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/14/2024



#87
Chrysene
Concen: 7.278 ng/u1 m
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031983.D
Acq: 13 Jun 2024 18:55

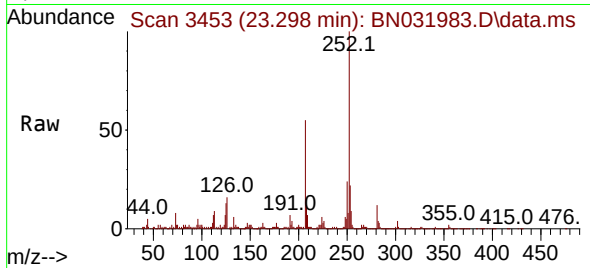
Tgt Ion:228 Resp: 423470
Ion Ratio Lower Upper
228 100
226 31.1 23.7 35.5
229 22.8 15.1 22.7#





#90
Benzo(b)fluoranthene
Concen: 8.164 ng/ul
RT: 23.298 min Scan# 3453
Delta R.T. 0.006 min
Lab File: BN031983.D
Acq: 13 Jun 2024 18:55

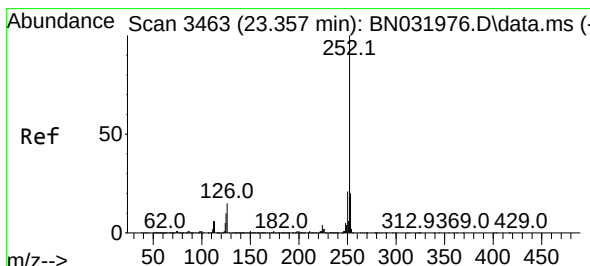
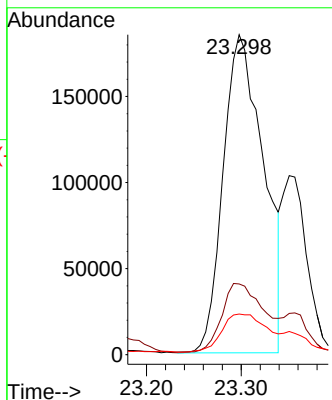
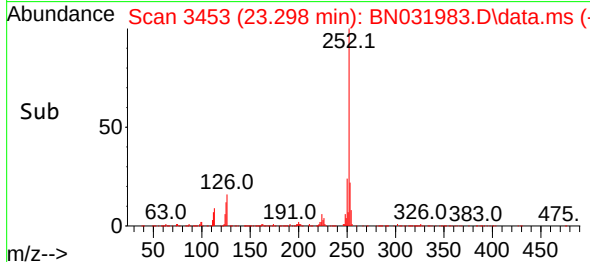
Instrument :
BNA_N
ClientSampleId :
BH695



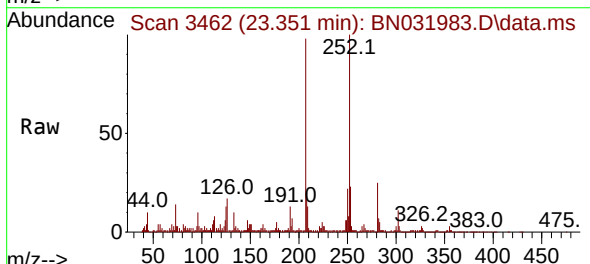
Tgt Ion:252 Resp: 549174
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.7 9.2 13.8

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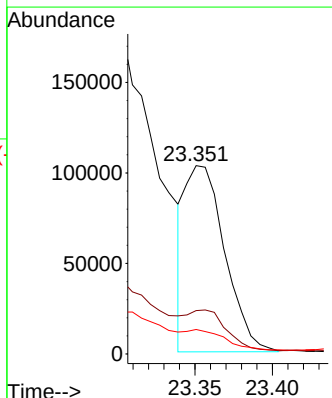
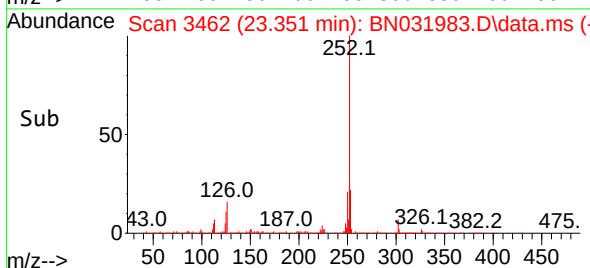
Reviewed By :Jagrut Upadhyay 06/14/2024
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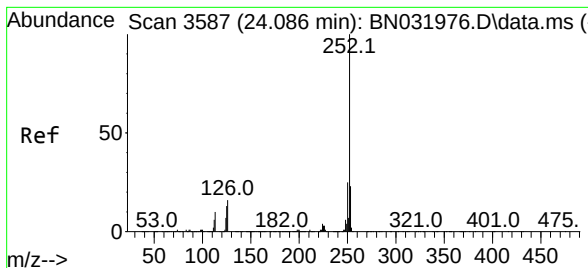


#91
Benzo(k)fluoranthene
Concen: 2.765 ng/ul
RT: 23.351 min Scan# 3462
Delta R.T. 0.000 min
Lab File: BN031983.D
Acq: 13 Jun 2024 18:55



Tgt Ion:252 Resp: 182515
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 13.0 9.4 14.2





#93

Benzo(a)pyrene

Concen: 3.528 ng/ul

RT: 24.086 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN031983.D

Acq: 13 Jun 2024 18:55

Instrument :

BNA_N

ClientSampleId :

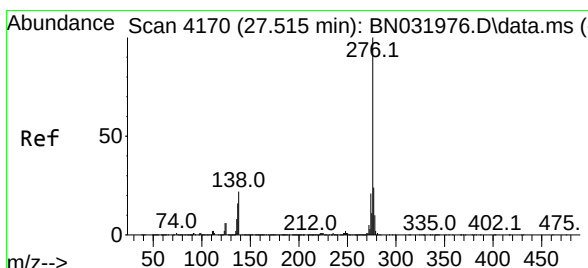
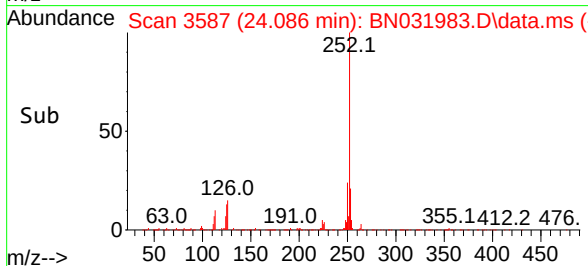
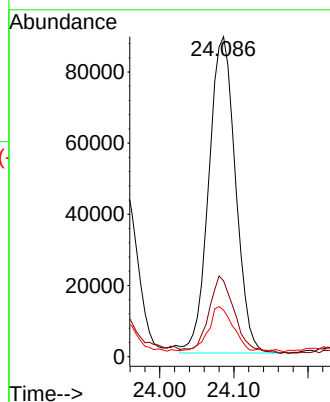
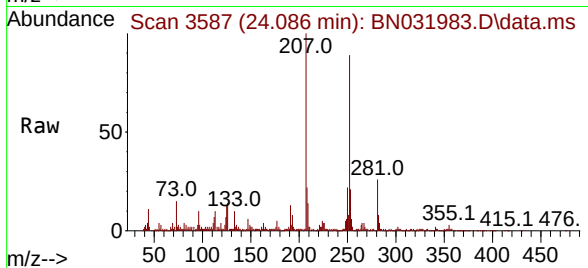
BH695

Tgt Ion:	252	Resp:	22225
Ion Ratio	Lower	Upper	
252	100		
253	23.7	16.6	24.8
125	14.6	9.8	14.8

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.828 ng/ul m

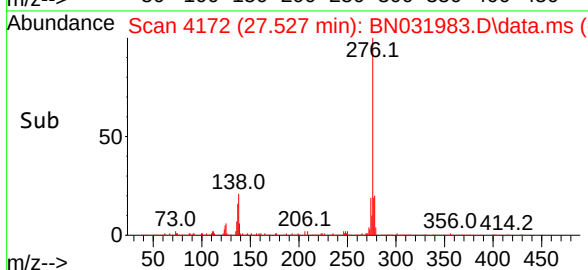
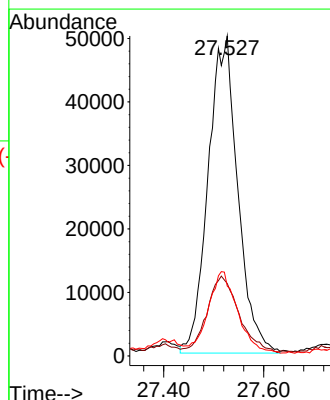
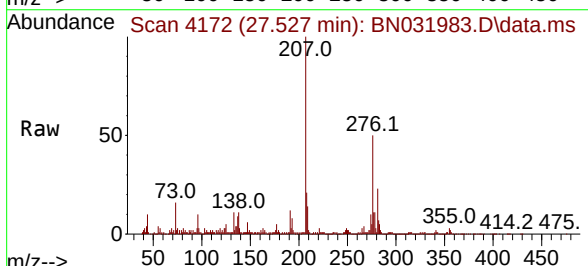
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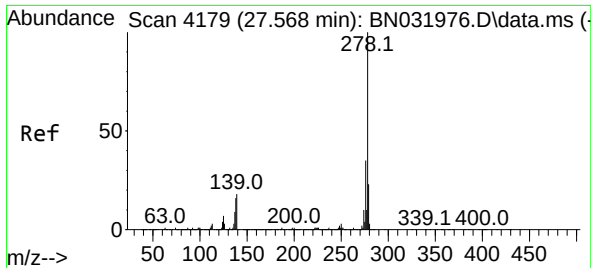
Delta R.T. 0.012 min

Lab File: BN031983.D

Acq: 13 Jun 2024 18:55

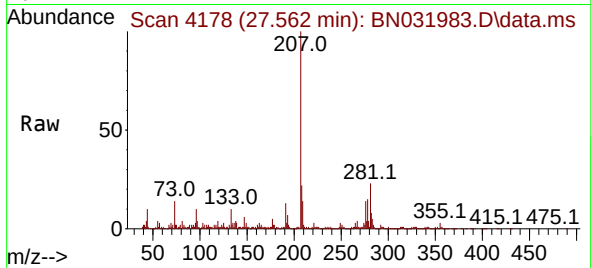
Tgt Ion:	276	Resp:	205319
Ion Ratio	Lower	Upper	
276	100		
138	22.7	18.1	27.1
277	21.9	18.2	27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.222 ng/ul
 RT: 27.562 min Scan# 4178
 Delta R.T. -0.018 min
 Lab File: BN031983.D
 Acq: 13 Jun 2024 18:55

Instrument :
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Tgt Ion:278 Resp: 72432
 Ion Ratio Lower Upper
 278 100
 139 22.9 15.0 22.6
 279 29.0 17.4 26.0

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