

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031783.D
 Acq On : 04 Jun 2024 19:31
 Operator : MA/JU
 Sample : P2591-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5W0

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 01:19:00 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	7.681	152	557260	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2270478	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1242003	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2034507	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1580547	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1904830	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	43459	3.226	ng/uL	0.00
4) Pyridine-d5	3.605	84	122637	3.234	ng/u1	0.00
7) Phenol-d5	6.852	99	927106	19.407	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	538664	19.277	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	748318	20.529	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	706086	18.132	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	380912	21.942	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	389235	21.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	668847	19.978	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	758551	15.260	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1876872	21.692	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2227466	22.389	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	142313	8.215	ng/u1	0.00
60) Fluorene-d10	15.316	176	1504848	20.555	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	83852	8.200	ng/u1	0.00
73) Anthracene-d10	17.169	188	1978615	22.716	ng/u1	0.00
81) Pyrene-d10	19.469	212	1979344	23.402	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2022769	22.239	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.110	178	514892	4.968	ng/u1	99
74) Anthracene	17.204	178	129619	1.234	ng/u1	98
80) Fluoranthene	19.128	202	1197676	11.849	ng/u1	100
82) Pyrene	19.498	202	1108612	10.690	ng/u1	97
85) Benzo(a)anthracene	21.286	228	625888	5.916	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	145087	2.032	ng/u1#	94
87) Chrysene	21.345	228	621886	6.293	ng/u1	99
90) Benzo(b)fluoranthene	23.316	252	902456	7.926	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	229490m	2.054	ng/u1	
93) Benzo(a)pyrene	24.104	252	596280	5.592	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.551	276	421474	3.430	ng/u1	95
95) Dibenzo(a,h)anthracene	27.592	278	111638m	1.113	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	406489m	4.161	ng/u1	

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

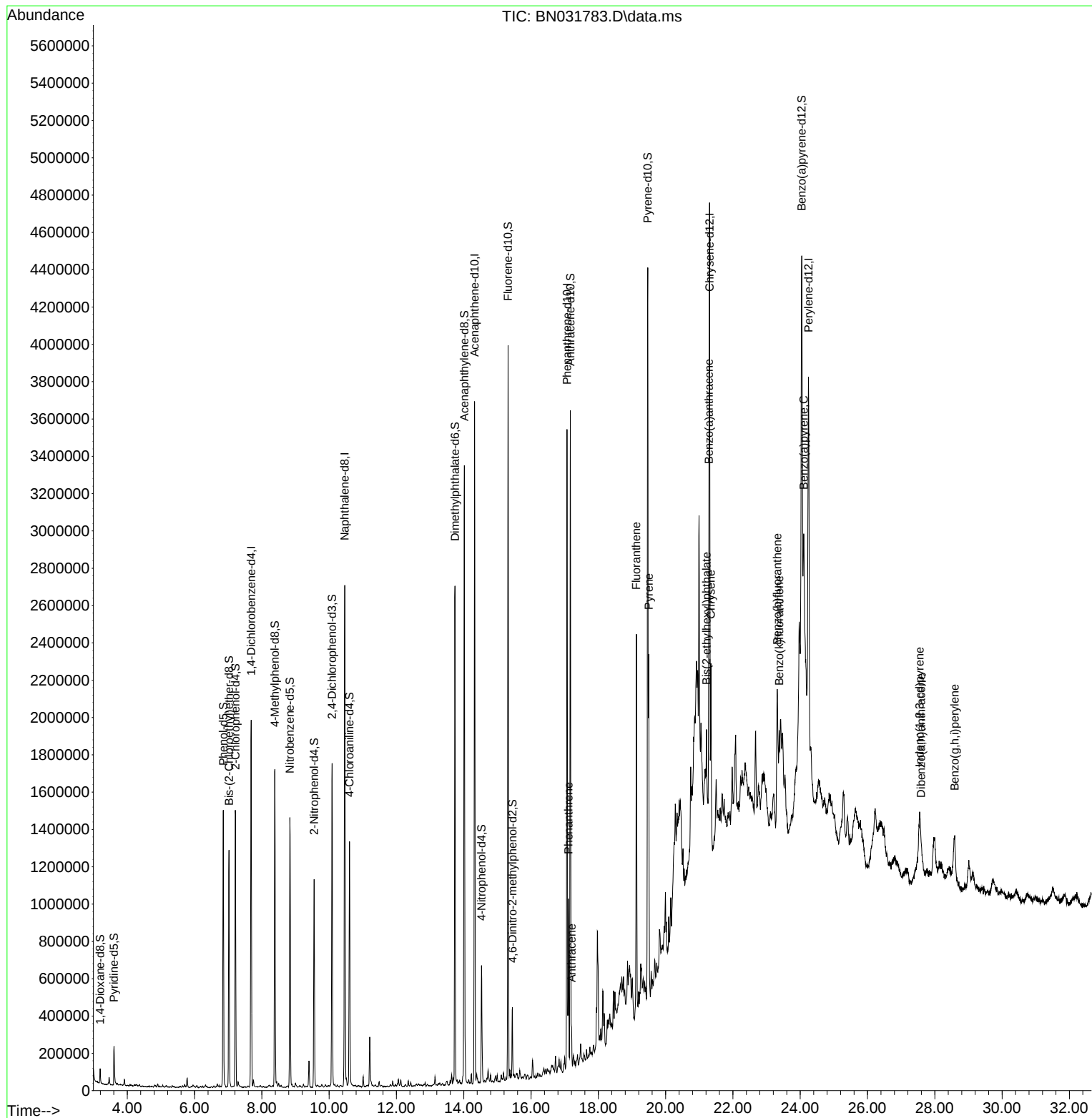
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031783.D
 Acq On : 04 Jun 2024 19:31
 Operator : MA/JU
 Sample : P2591-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

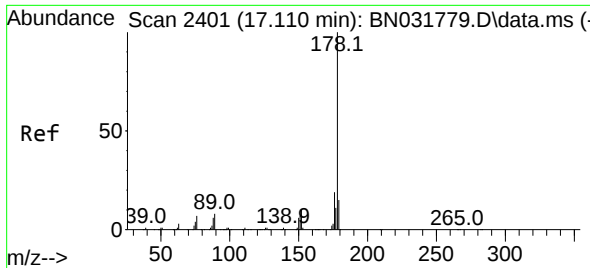
Instrument :
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Quant Time: Jun 05 01:19:00 2024
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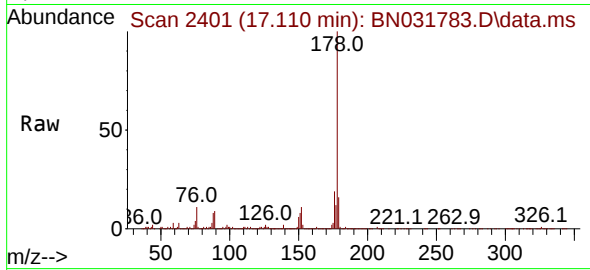
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024





#72
Phenanthrene
Concen: 4.968 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031783.D
Acq: 04 Jun 2024 19:31

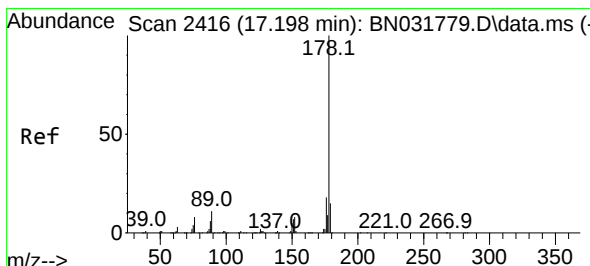
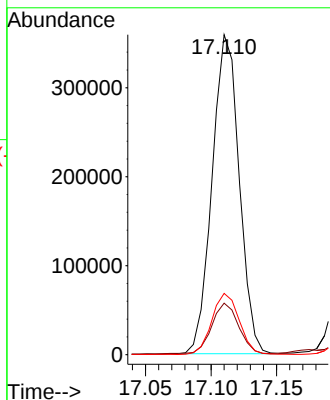
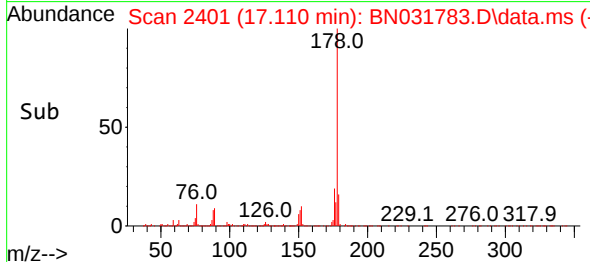
Instrument :
BNA_N
ClientSampleId :
BH5W0



Tgt Ion:178 Resp: 514892
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.2 15.8 23.6

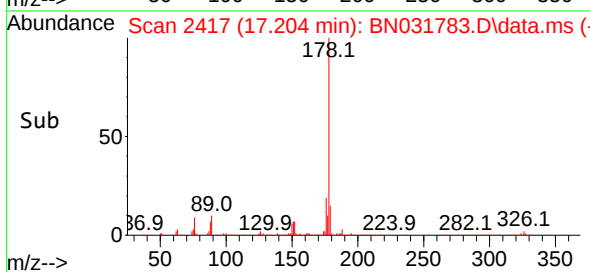
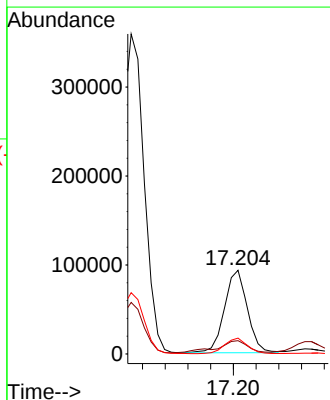
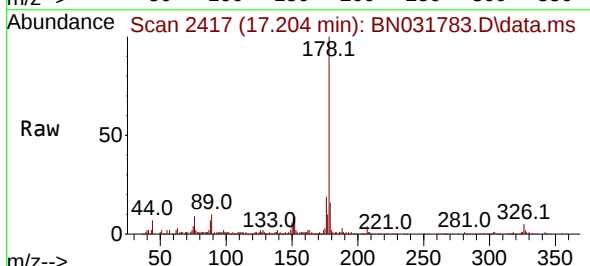
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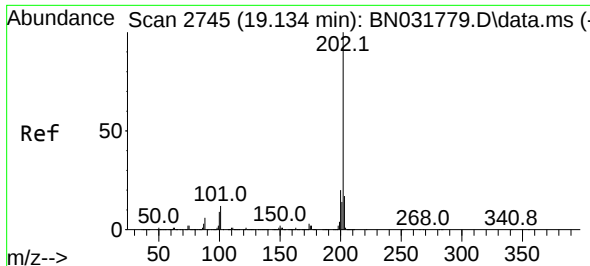
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#74
Anthracene
Concen: 1.234 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031783.D
Acq: 04 Jun 2024 19:31

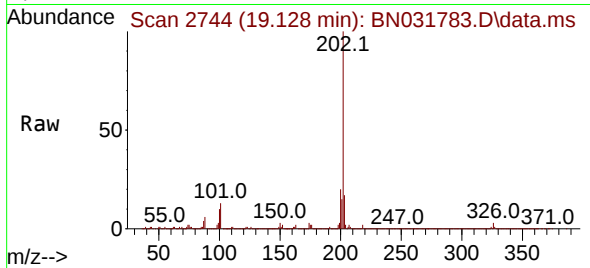
Tgt Ion:178 Resp: 129619
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.6
176 19.0 14.8 22.2





#80
Fluoranthene
Concen: 11.849 ng/ul
RT: 19.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031783.D
Acq: 04 Jun 2024 19:31

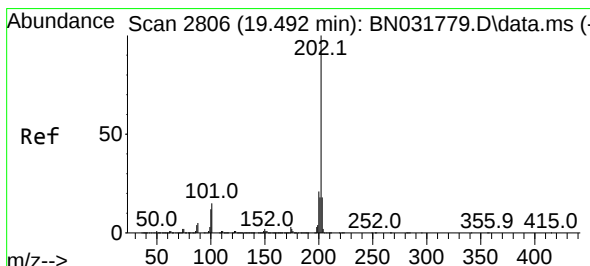
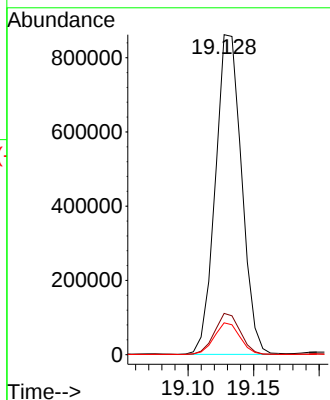
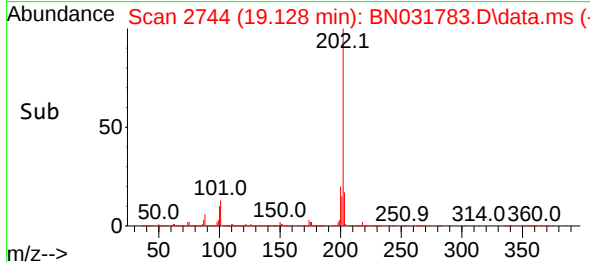
Instrument :
BNA_N
ClientSampleId :
BH5W0



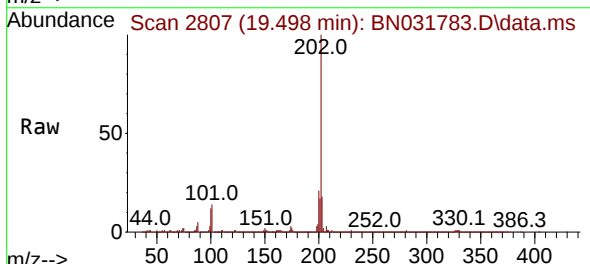
Tgt Ion:202 Resp: 1197670
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 10.0 8.0 12.0

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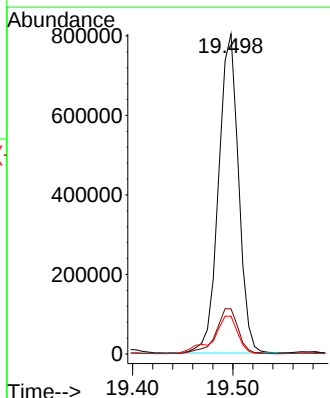
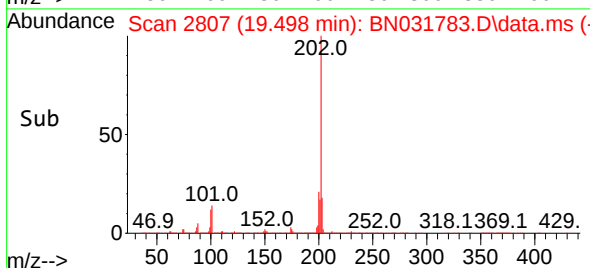
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

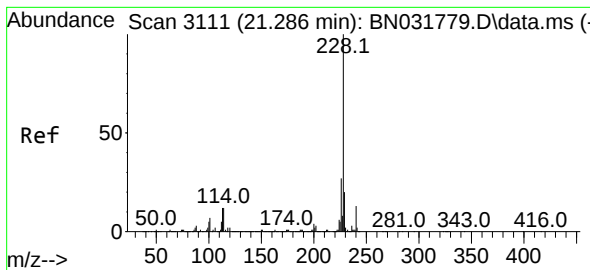


#82
Pyrene
Concen: 10.690 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031783.D
Acq: 04 Jun 2024 19:31



Tgt Ion:202 Resp: 1108612
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.8 10.2 15.2





#85

Benzo(a)anthracene

Concen: 5.916 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

Instrument :

BNA_N

ClientSampleId :

BH5W0

Tgt Ion:228 Resp: 62588

Ion Ratio Lower Upper

228 100

229 20.2 16.7 25.1

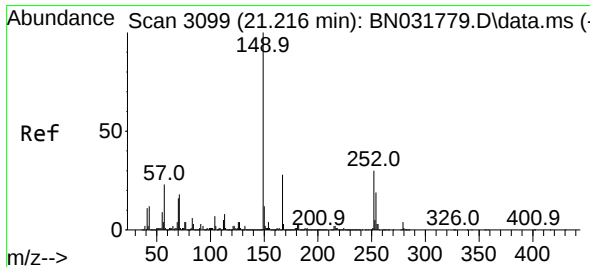
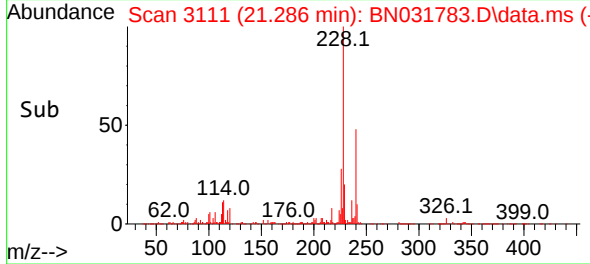
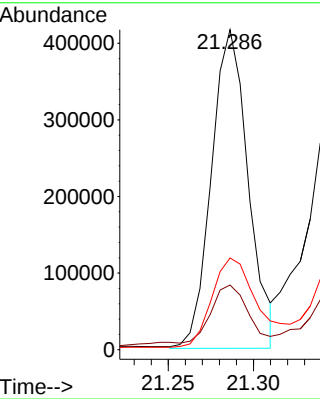
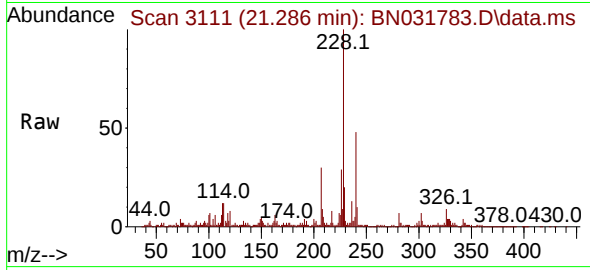
226 28.7 22.8 34.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/05/2024

Supervised By :mohammad ahmed 06/07/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.032 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

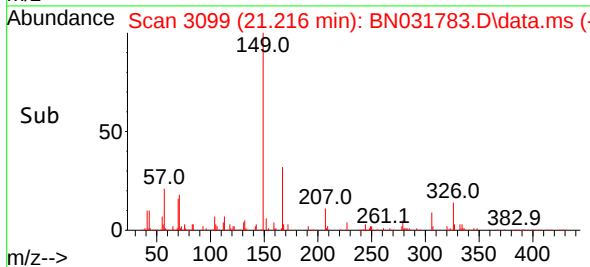
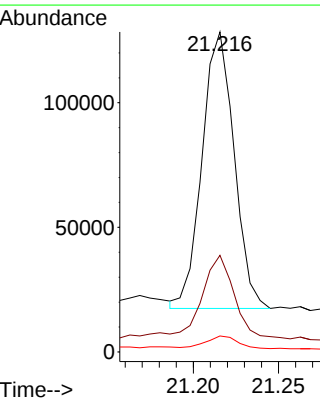
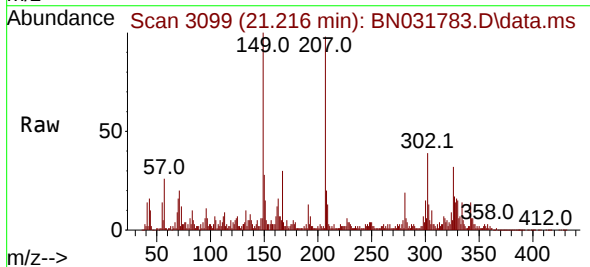
Tgt Ion:149 Resp: 145087

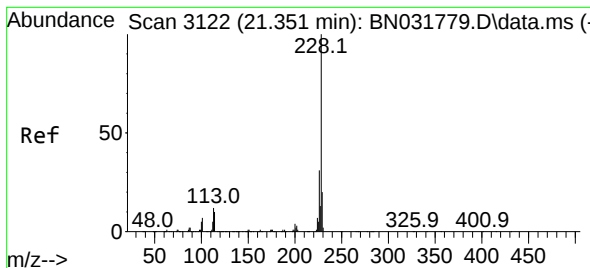
Ion Ratio Lower Upper

149 100

167 30.2 21.4 32.0

279 5.0 3.3 4.9#





#87

Chrysene

Concen: 6.293 ng/ul

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

Instrument :

BNA_N

ClientSampleId :

BH5W0

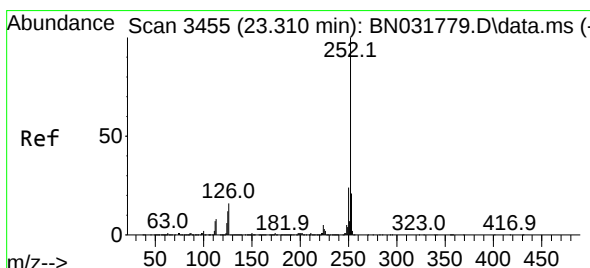
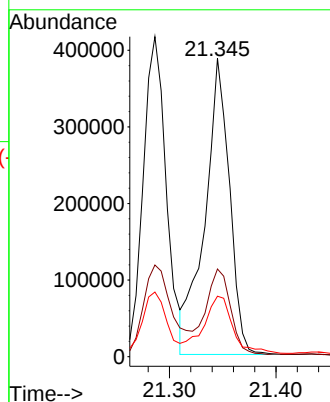
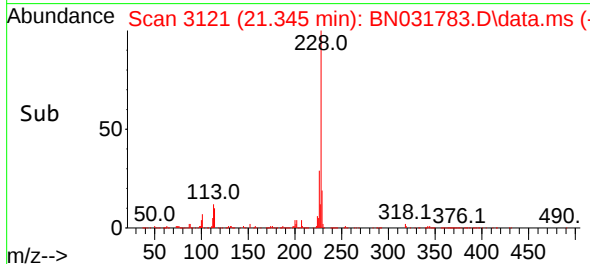
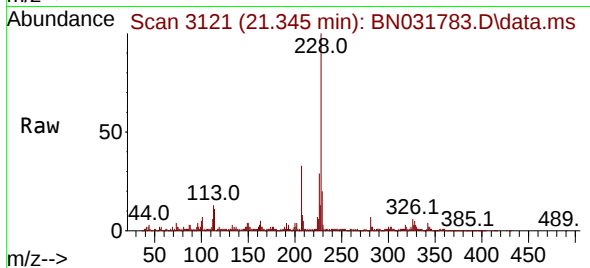
Tgt Ion:228 Resp: 621880

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	20.3	15.1	22.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 7.926 ng/ul

RT: 23.316 min Scan# 3456

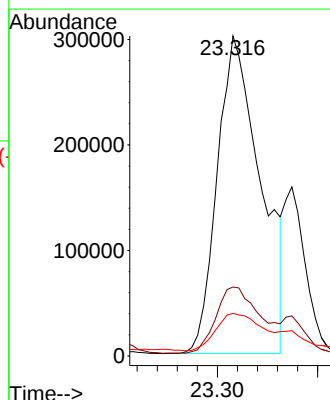
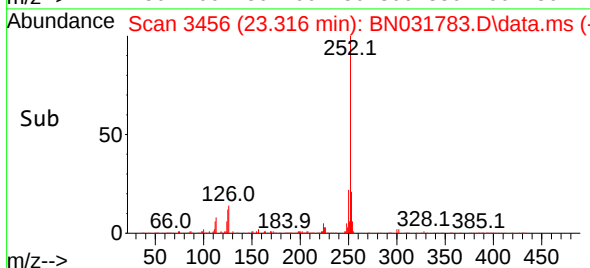
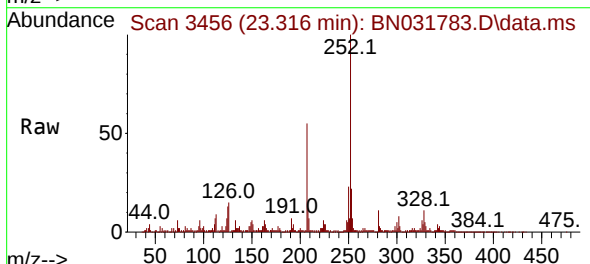
Delta R.T. 0.006 min

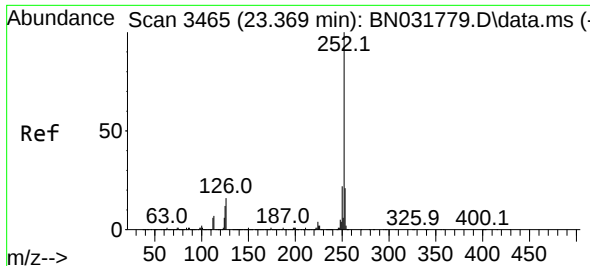
Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

Tgt Ion:252 Resp: 902456

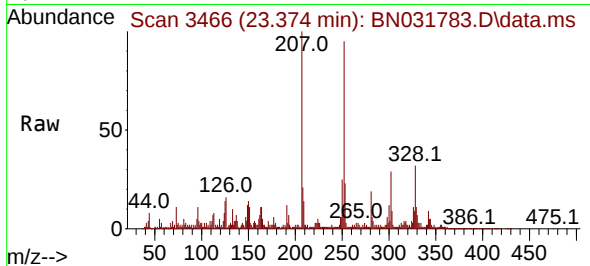
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	13.3	9.2	13.8





#91
Benzo(k)fluoranthene
Concen: 2.054 ng/ul m
RT: 23.374 min Scan# 3465
Delta R.T. -0.000 min
Lab File: BN031783.D
Acq: 04 Jun 2024 19:31

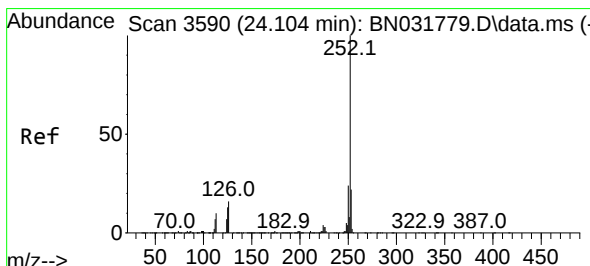
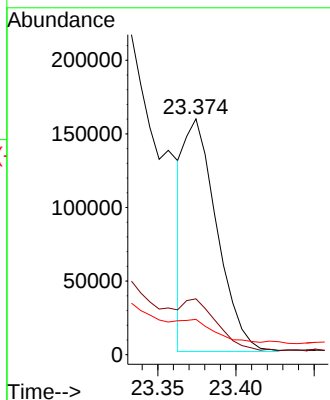
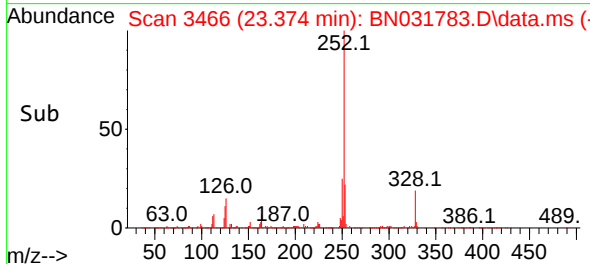
Instrument :
BNA_N
ClientSampleId :
BH5W0



Tgt Ion:252 Resp: 229490
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 15.0 9.4 14.2

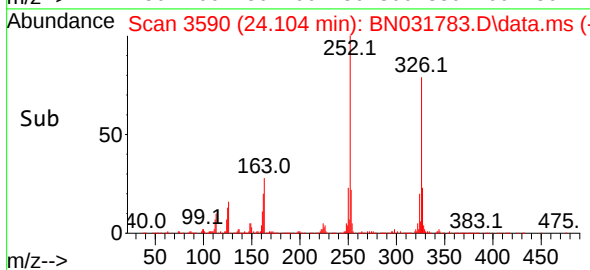
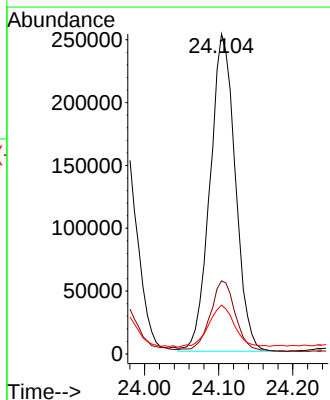
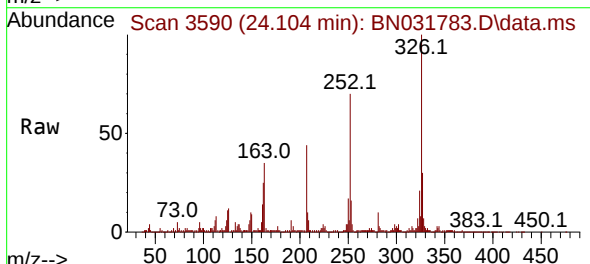
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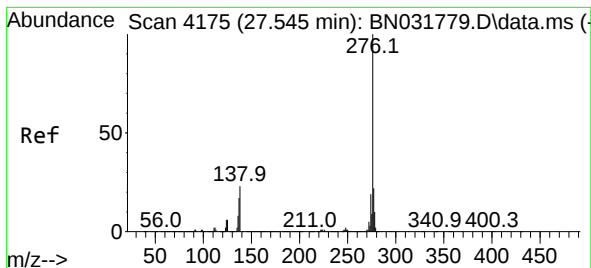
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#93
Benzo(a)pyrene
Concen: 5.592 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN031783.D
Acq: 04 Jun 2024 19:31

Tgt Ion:252 Resp: 596280
Ion Ratio Lower Upper
252 100
253 22.9 16.6 24.8
125 15.2 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.430 ng/ul

RT: 27.551 min Scan# 4175

Delta R.T. 0.018 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

Instrument :

BNA_N

ClientSampleId :

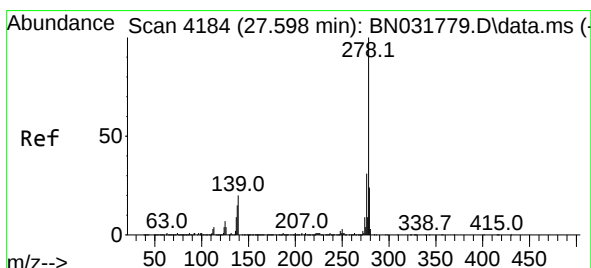
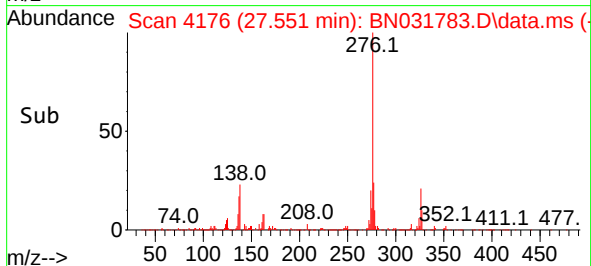
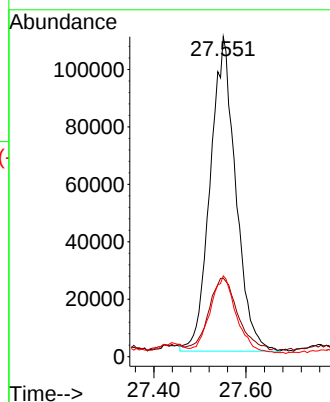
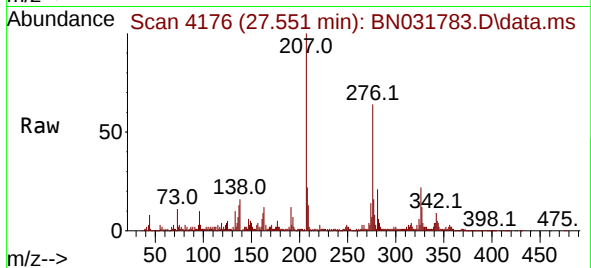
BH5W0

Tgt Ion:	276	Resp:	421474
Ion Ratio	Lower	Upper	
276	100		
138	24.6	18.1	27.1
277	25.3	18.2	27.2

Manual Integrations

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Supervised By :mohammad ahmed 06/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.113 ng/ul m

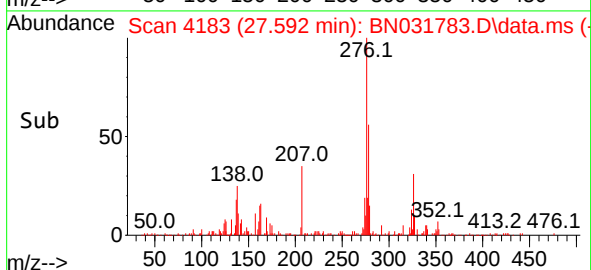
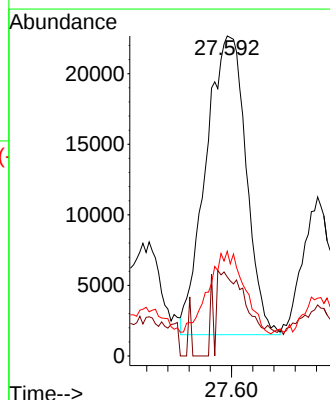
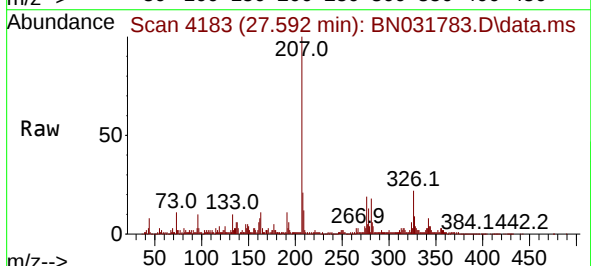
RT: 27.592 min Scan# 4183

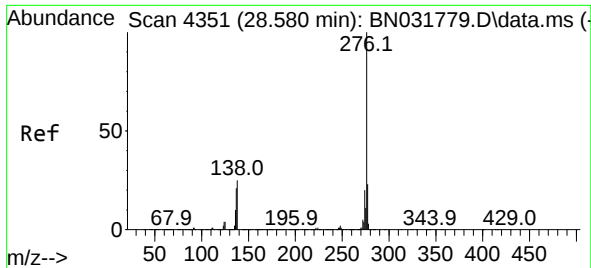
Delta R.T. -0.012 min

Lab File: BN031783.D

Acq: 04 Jun 2024 19:31

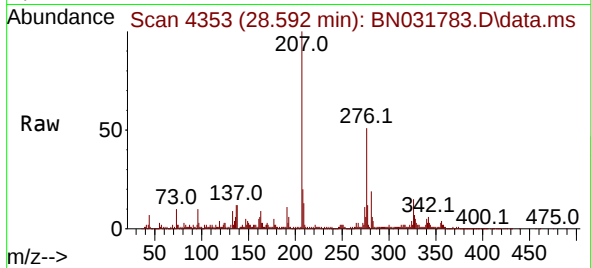
Tgt Ion:	278	Resp:	111638
Ion Ratio	Lower	Upper	
278	100		
139	24.7	15.0	22.6#
279	32.7	17.4	26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 4.161 ng/ul m
 RT: 28.592 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BN031783.D
 Acq: 04 Jun 2024 19:31

Instrument :
 BNA_N
 ClientSampleId :
 BH5W0



Tgt Ion:276 Resp: 406489
 Ion Ratio Lower Upper
 276 100
 138 24.2 20.9 31.3
 277 23.9 18.0 27.0

Manual Integrations
 APPROVED

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

