

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031742.D
 Acq On : 31 May 2024 14:59
 Operator : MA/JU
 Sample : P2549-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH619

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: Jun 01 01:32:01 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	475837	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2061101	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1238964	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2177706	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1243443	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1425458	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	42660	3.709	ng/uL	0.00
4) Pyridine-d5	3.599	84	295468	9.126	ng/u1	0.00
7) Phenol-d5	6.852	99	908418	22.269	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	527596	22.112	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	738102	23.714	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	598272	17.992	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	382723	24.286	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	402562	24.729	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	706426	23.244	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	422631	9.366	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2142126	24.818	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2463890	24.826	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	233881	13.533	ng/u1	0.00
60) Fluorene-d10	15.322	176	1792601	24.546	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	133402m	12.187	ng/u1	0.00
73) Anthracene-d10	17.169	188	2419212	25.948	ng/u1	0.00
81) Pyrene-d10	19.469	212	2156528	32.410	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1681479	24.704	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	253012	2.256	ng/u1	98
72) Phenanthrene	17.116	178	1683499	15.176	ng/u1	97
74) Anthracene	17.204	178	303110	2.697	ng/u1	99
77) Carbazole	17.475	167	145412	1.517	ng/u1	98
78) Di-n-butylphthalate	18.045	149	144195	1.093	ng/u1	99
80) Fluoranthene	19.133	202	3644749	45.834	ng/u1	99
82) Pyrene	19.498	202	3330741	40.824	ng/u1	99
83) Butylbenzylphthalate	20.410	149	141980	3.684	ng/u1	94
85) Benzo(a)anthracene	21.292	228	1512733	18.176	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	680493	12.114	ng/u1	98
87) Chrysene	21.351	228	1618852	20.823	ng/u1	95
90) Benzo(b)fluoranthene	23.321	252	2288727	26.862	ng/u1	96
91) Benzo(k)fluoranthene	23.374	252	687413m	8.222	ng/u1	
93) Benzo(a)pyrene	24.110	252	1562842	19.584	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.551	276	1183989	12.876	ng/u1	98
95) Dibenzo(a,h)anthracene	27.592	278	301463m	4.015	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	1000354	13.685	ng/u1	97

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

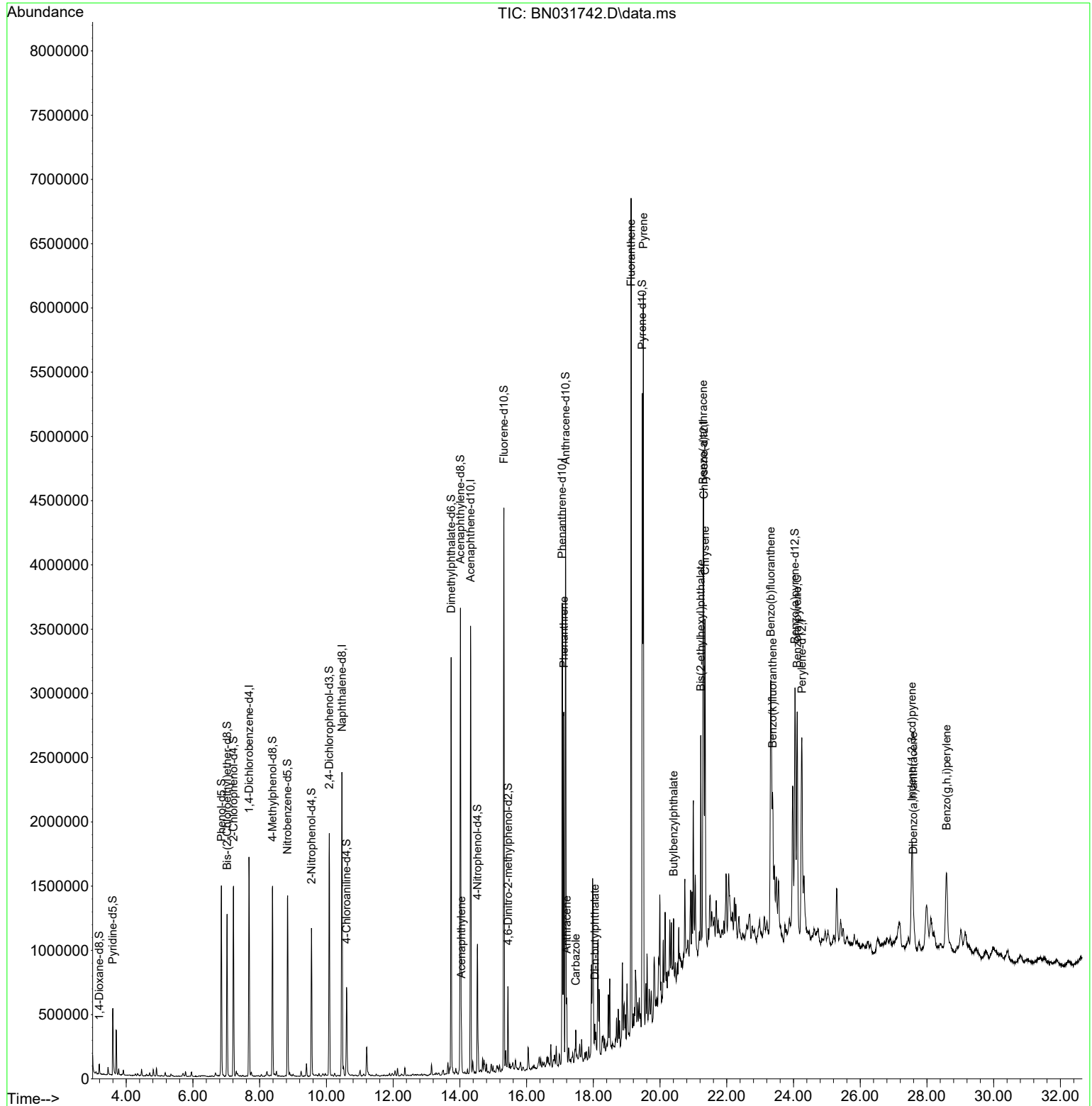
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
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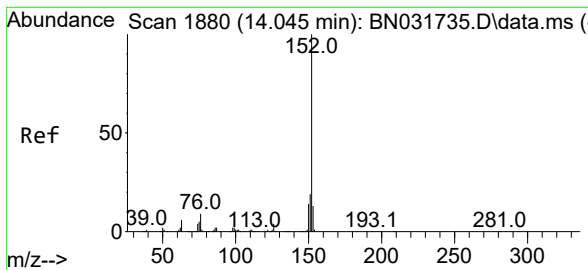
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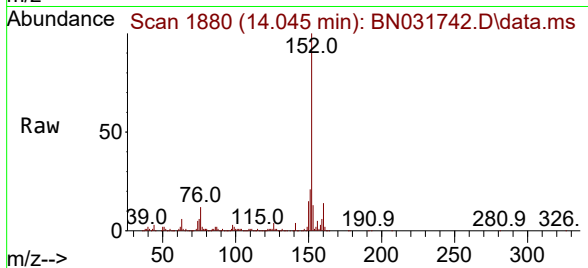
#50
Acenaphthylene
Concen: 2.256 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031742.D
Acq: 31 May 2024 14:59

Instrument :

BNA_N

ClientSampleId :

BH619

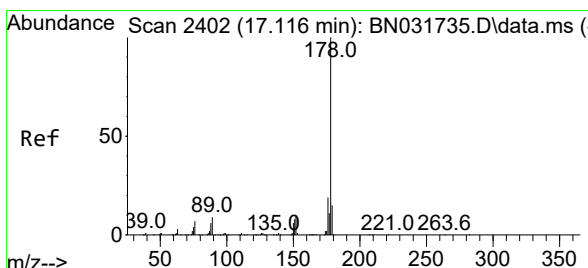
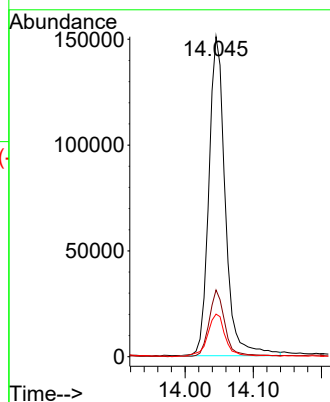
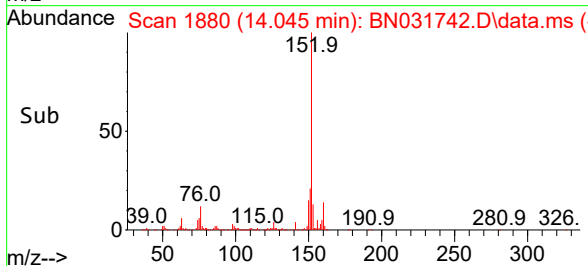


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Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.3 10.4 15.6

Manual Integrations

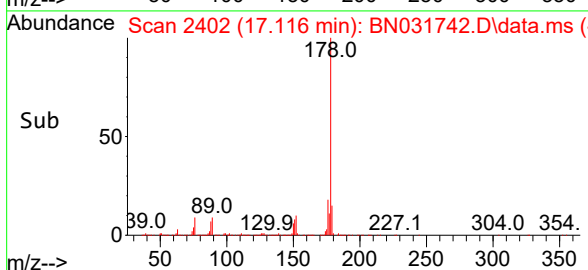
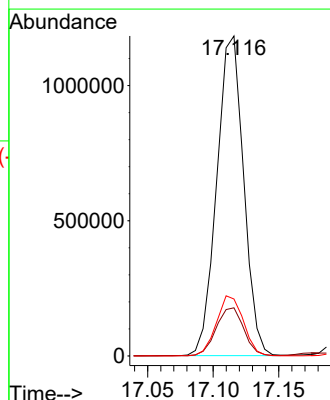
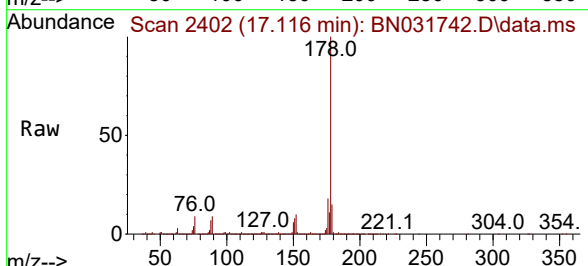
APPROVED

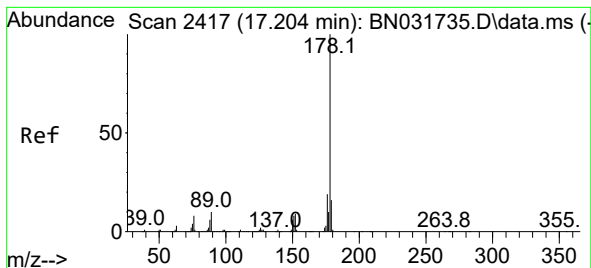
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#72
Phenanthrene
Concen: 15.176 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031742.D
Acq: 31 May 2024 14:59

Tgt Ion:178 Resp: 1683499
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 17.8 15.8 23.6





#74

Anthracene

Concen: 2.697 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

Instrument :

BNA_N

ClientSampleId :

BH619

Tgt Ion:178 Resp: 303110

Ion Ratio Lower Upper

178 100

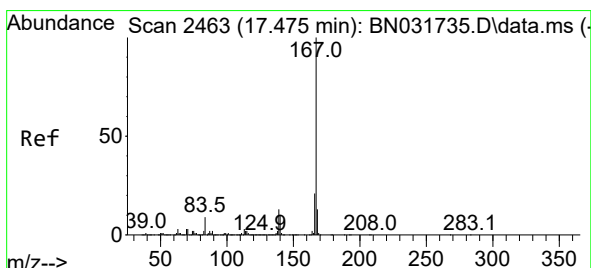
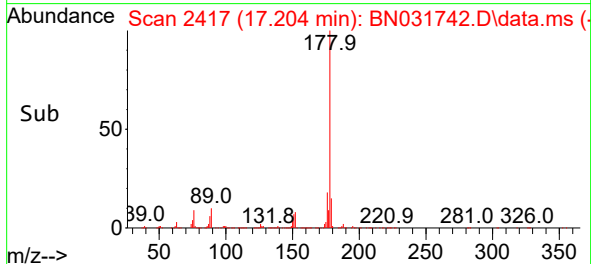
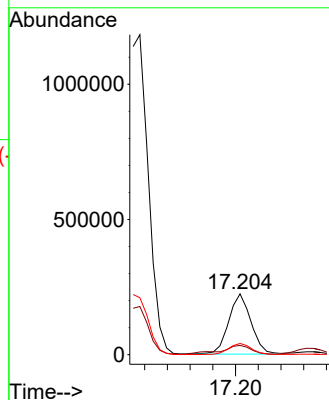
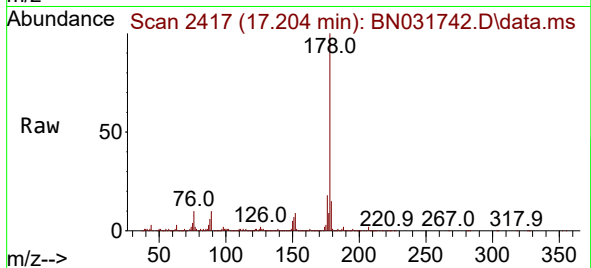
179 15.2 11.8 17.6

176 18.4 14.8 22.2

Manual Integrations

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Supervised By :mohammad ahmed 06/04/2024



#77

Carbazole

Concen: 1.517 ng/ul

RT: 17.475 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

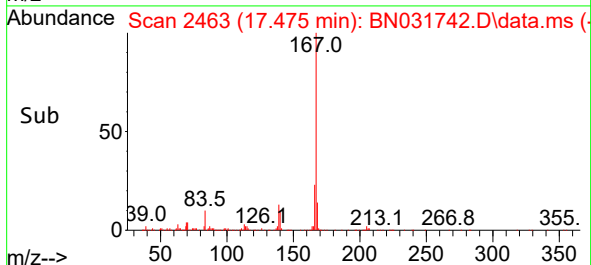
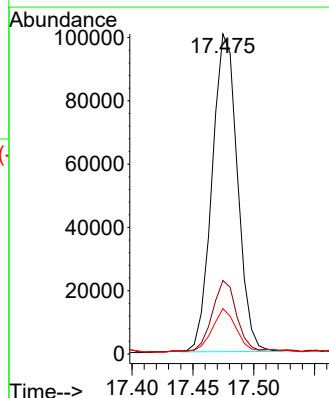
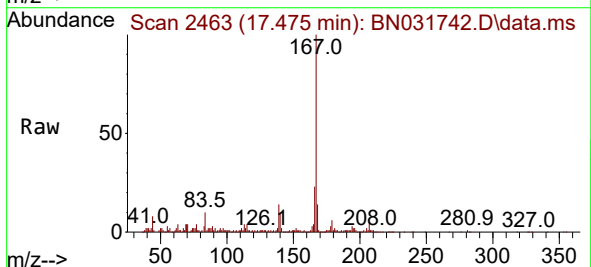
Tgt Ion:167 Resp: 145412

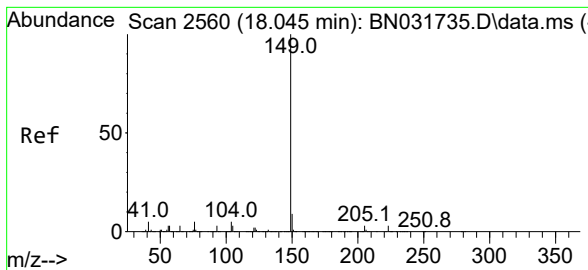
Ion Ratio Lower Upper

167 100

166 22.9 17.9 26.9

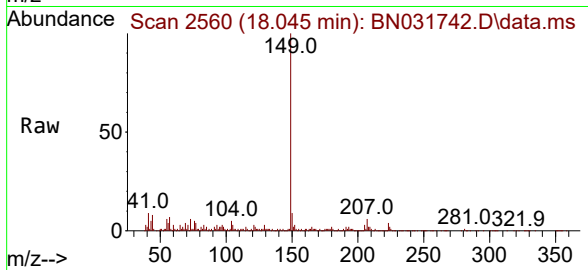
139 14.1 10.5 15.7





#78
Di-n-butylphthalate
Concen: 1.093 ng/ul
RT: 18.045 min Scan# 2560
Delta R.T. -0.000 min
Lab File: BN031742.D
Acq: 31 May 2024 14:59

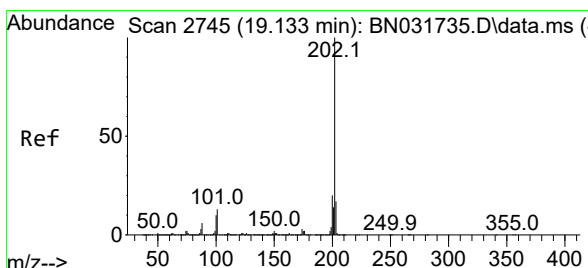
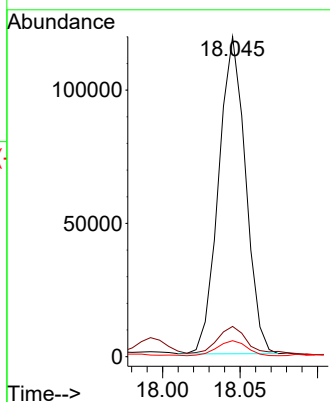
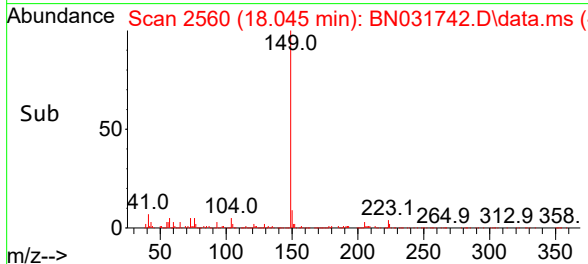
Instrument : BNA_N
ClientSampleId : BH619



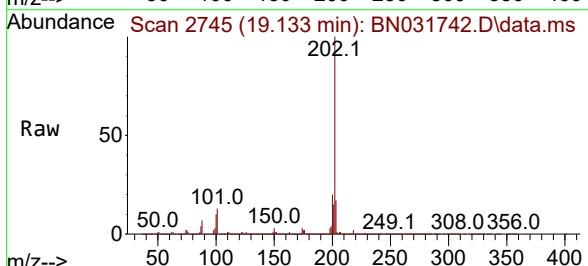
Tgt Ion:149 Resp: 144195
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.0 4.1 6.1

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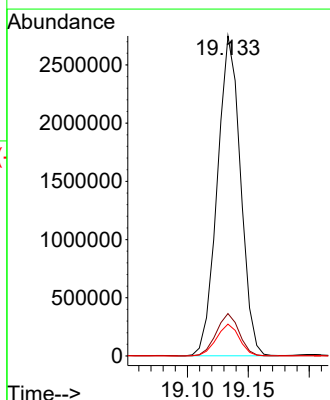
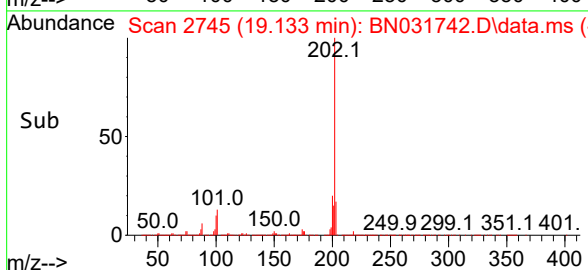
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

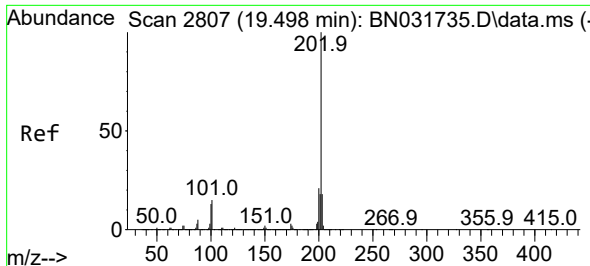


#80
Fluoranthene
Concen: 45.834 ng/ul
RT: 19.133 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN031742.D
Acq: 31 May 2024 14:59



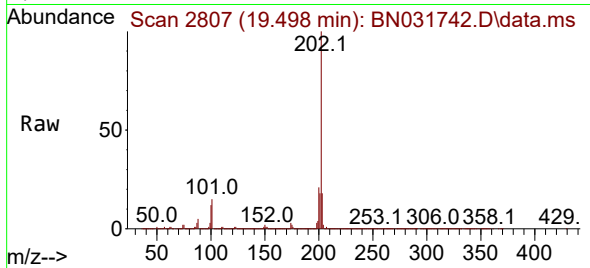
Tgt Ion:202 Resp: 3644749
Ion Ratio Lower Upper
202 100
101 13.3 10.3 15.5
100 10.0 8.0 12.0





#82
Pyrene
Concen: 40.824 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031742.D
Acq: 31 May 2024 14:59

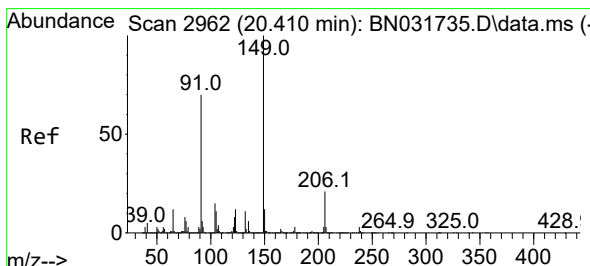
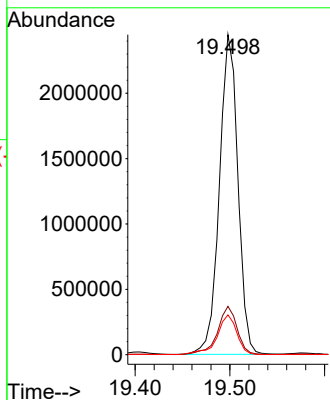
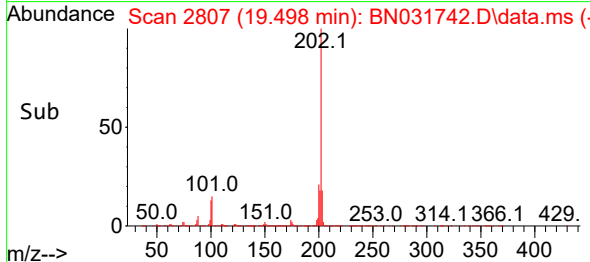
Instrument :
BNA_N
ClientSampleId :
BH619



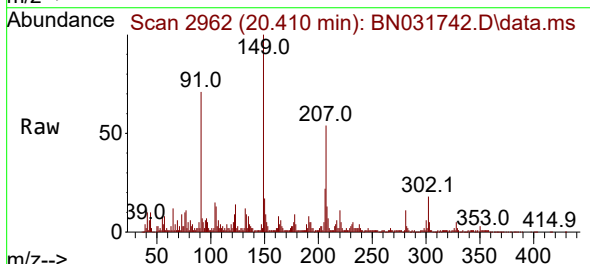
Tgt Ion:202 Resp: 333074
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.5 10.2 15.2

Manual Integrations
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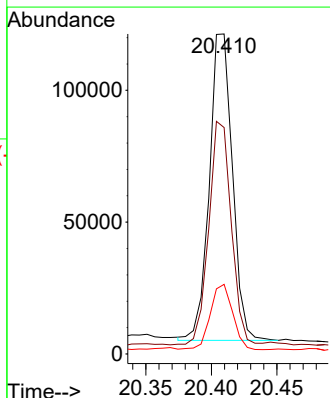
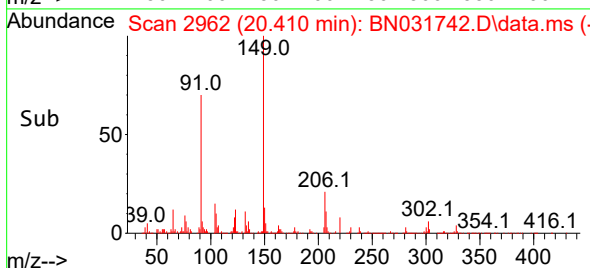
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

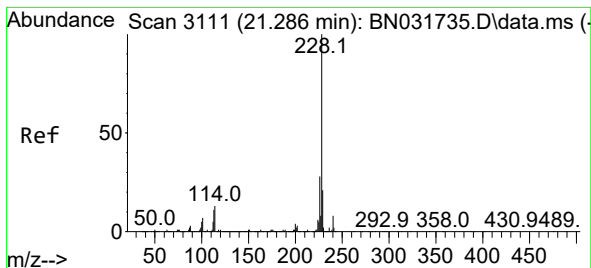


#83
Butylbenzylphthalate
Concen: 3.684 ng/ul
RT: 20.410 min Scan# 2962
Delta R.T. 0.006 min
Lab File: BN031742.D
Acq: 31 May 2024 14:59



Tgt Ion:149 Resp: 141980
Ion Ratio Lower Upper
149 100
91 70.7 61.0 91.4
206 21.7 16.5 24.7





#85

Benzo(a)anthracene

Concen: 18.176 ng/ul

RT: 21.292 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

Instrument :

BNA_N

ClientSampleId :

BH619

Tgt Ion:228 Resp: 151273

Ion Ratio Lower Upper

228 100

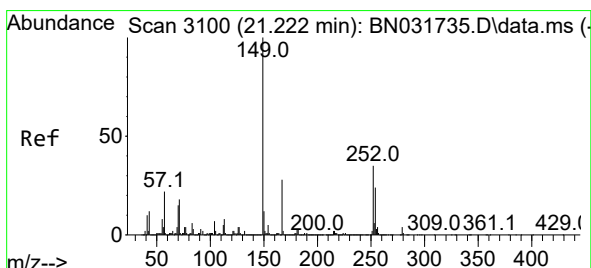
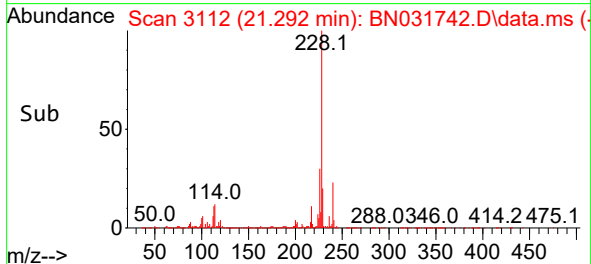
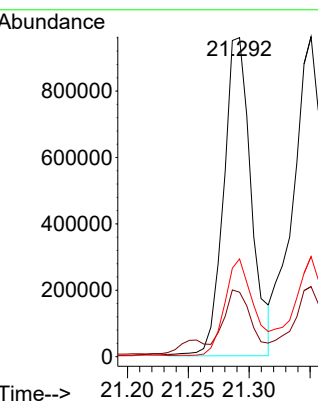
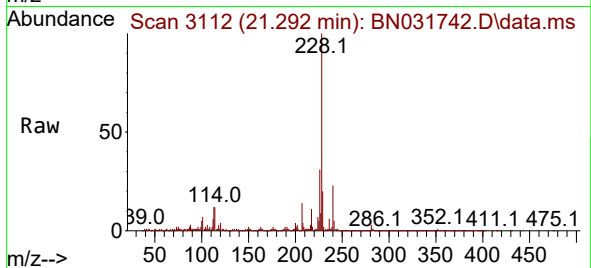
229 20.2 16.7 25.1

226 30.6 22.8 34.2

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 12.114 ng/ul

RT: 21.221 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

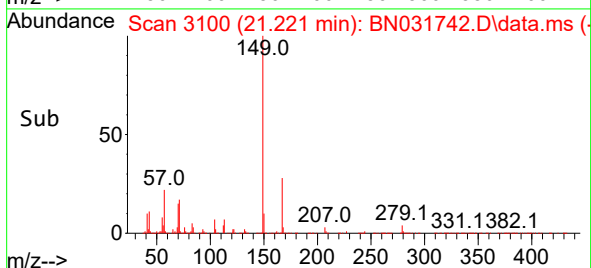
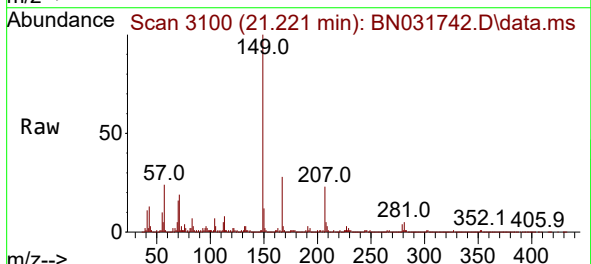
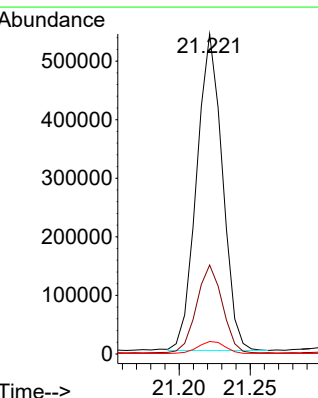
Tgt Ion:149 Resp: 680493

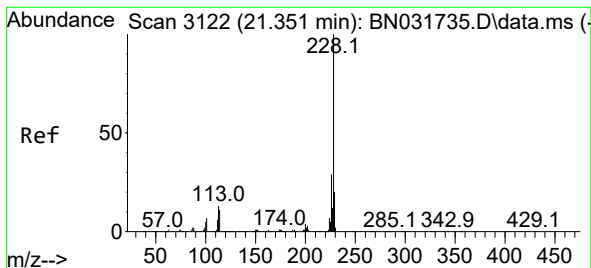
Ion Ratio Lower Upper

149 100

167 27.8 21.4 32.0

279 3.9 3.3 4.9





#87

Chrysene

Concen: 20.823 ng/ul

RT: 21.351 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:228 Resp: 161885

Ion Ratio Lower Upper

228 100

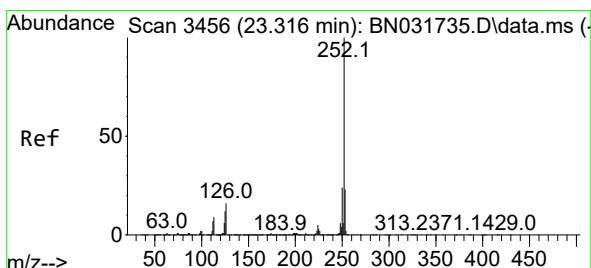
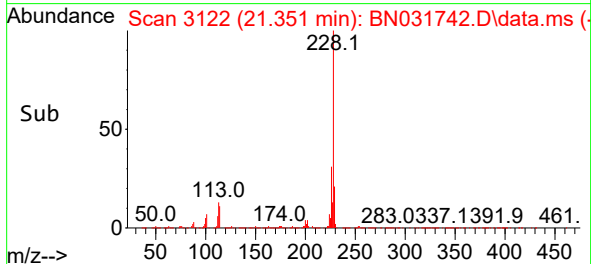
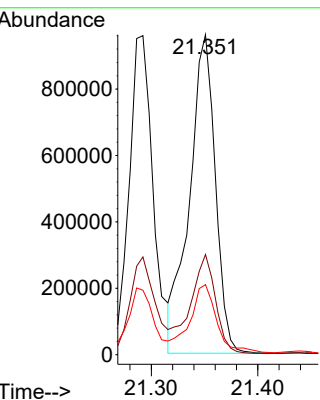
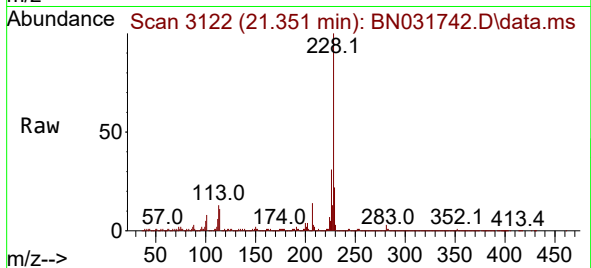
226 31.3 23.7 35.5

229 21.9 15.1 22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/04/2024



#90

Benzo(b)fluoranthene

Concen: 26.862 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. 0.012 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

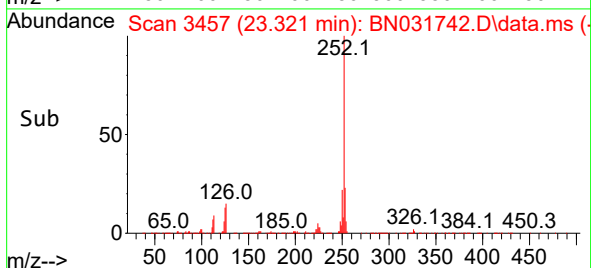
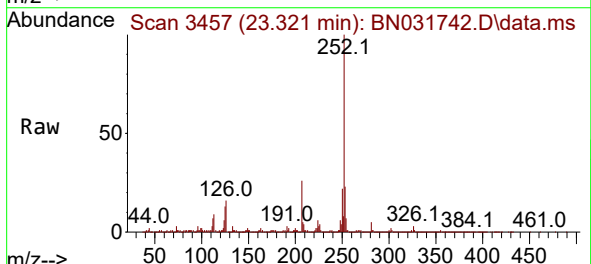
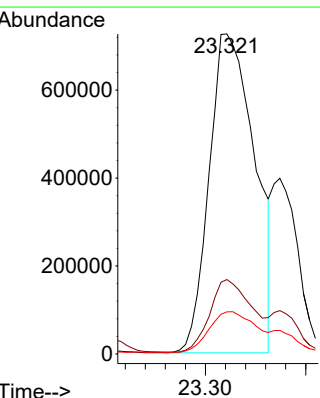
Tgt Ion:252 Resp: 2288727

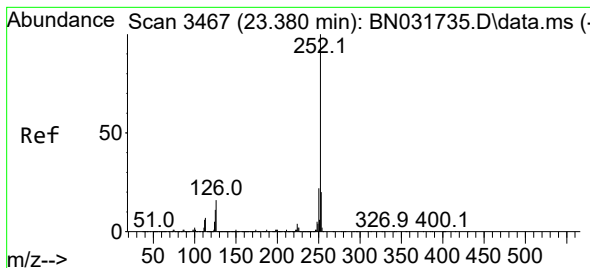
Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

125 13.2 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 8.222 ng/ul m

RT: 23.374 min Scan# 3467

Delta R.T. -0.000 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

Instrument :

BNA_N

ClientSampleId :

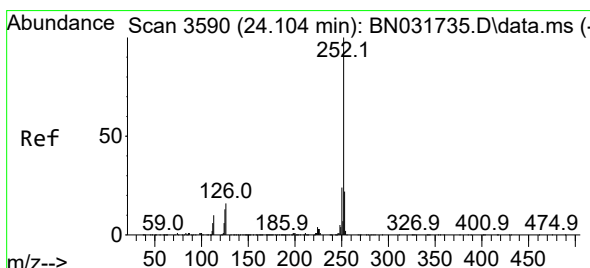
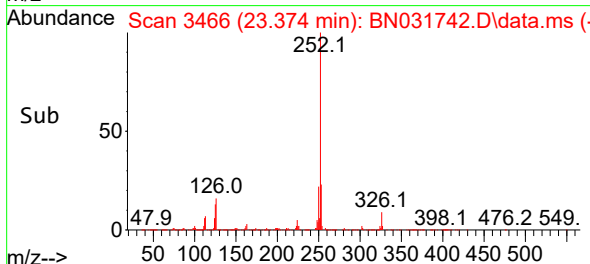
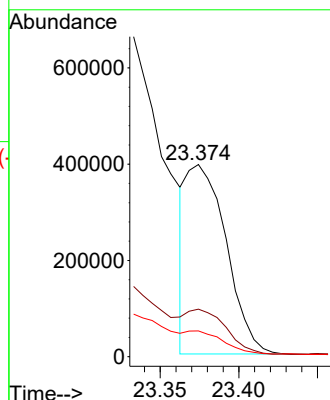
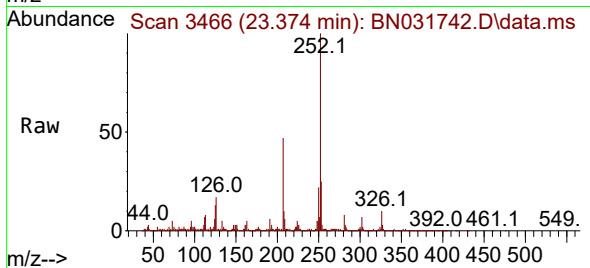
BH619

Tgt Ion:	252	Resp:	68741
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.6	26.4
125	13.4	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#93

Benzo(a)pyrene

Concen: 19.584 ng/ul

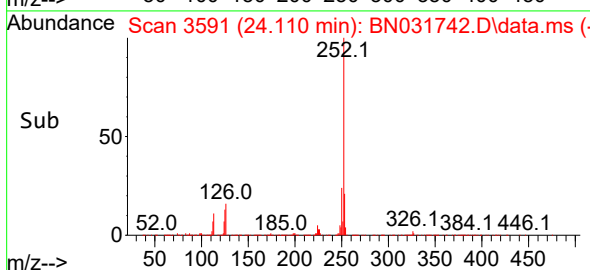
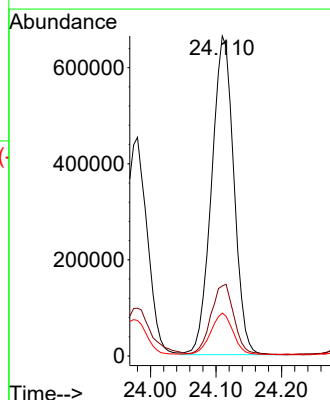
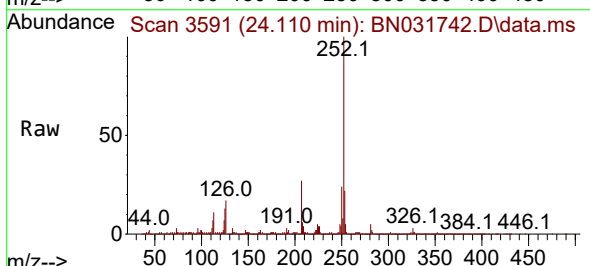
RT: 24.110 min Scan# 3591

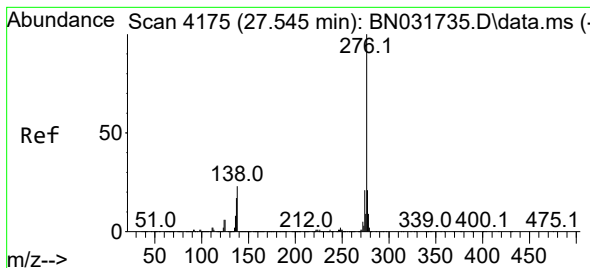
Delta R.T. 0.006 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

Tgt Ion:	252	Resp:	1562842
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.6	24.8
125	13.4	9.8	14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 12.876 ng/ul

RT: 27.551 min Scan# 4175

Delta R.T. 0.018 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

Instrument :

BNA_N

ClientSampleId :

BH619

Tgt Ion:276 Resp: 118398

Ion Ratio Lower Upper

276 100

138 23.6 18.1 27.1

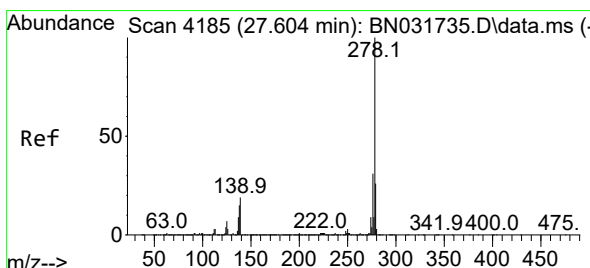
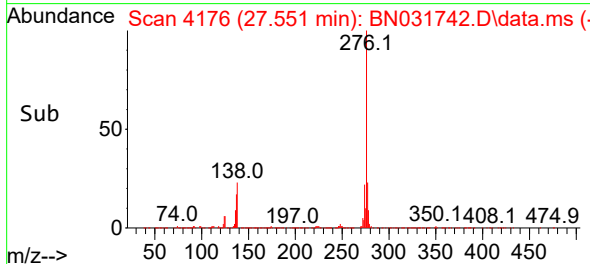
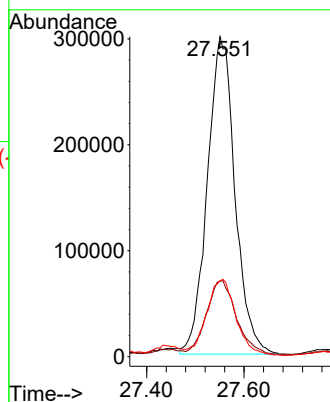
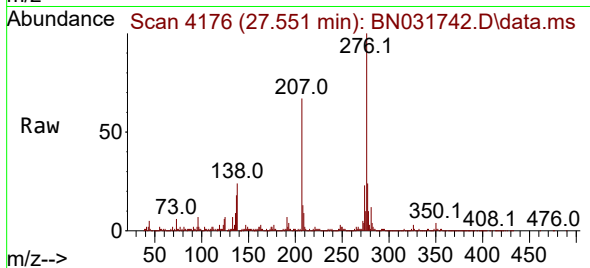
277 23.8 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024

Supervised By :mohammad ahmed 06/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 4.015 ng/ul m

RT: 27.592 min Scan# 4183

Delta R.T. -0.012 min

Lab File: BN031742.D

Acq: 31 May 2024 14:59

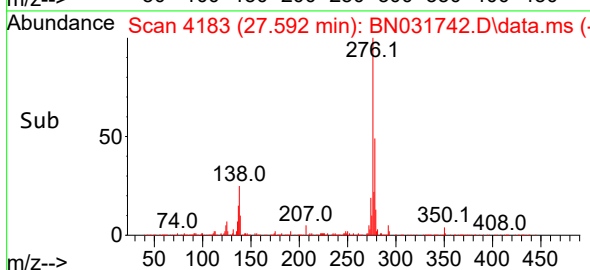
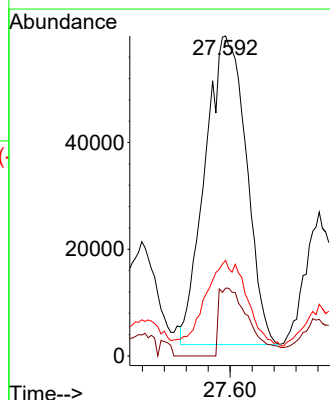
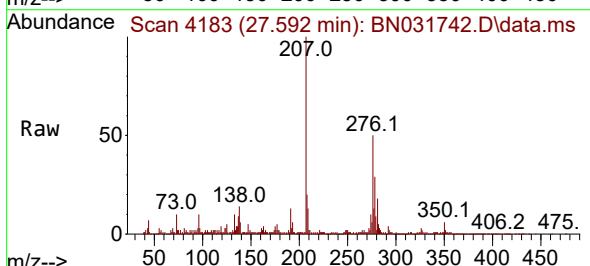
Tgt Ion:278 Resp: 301463

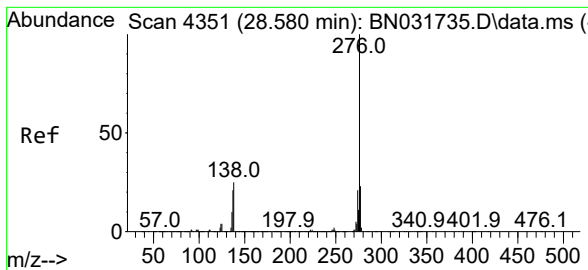
Ion Ratio Lower Upper

278 100

139 21.2 15.0 22.6

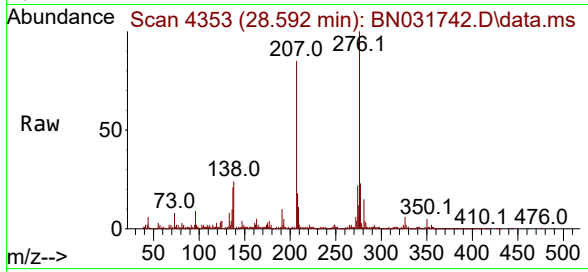
279 29.8 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 13.685 ng/ul
 RT: 28.592 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BN031742.D
 Acq: 31 May 2024 14:59

Instrument :
 BNA_N
 ClientSampleId :
 BH619



Tgt Ion:276 Resp: 1000354
 Ion Ratio Lower Upper
 276 100
 138 23.7 20.9 31.3
 277 23.1 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

