

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015879.D
 Acq On : 01 Jul 2023 11:28
 Operator : MA/JU
 Sample : 03242-16
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 01:36:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	322204	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.875	136	1357168	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.698	164	738588	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.463	188	1227051	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.557	240	774851	20.000	ng/u1	# 0.00
88) Perylene-d12	24.104	264	1134673	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	26635	2.974	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.228	99	571504	20.731	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	385328	22.592	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.581	132	460694	22.138	ng/u1	-0.01
15) 4-Methylphenol-d8	8.787	113	459100	21.080	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	231281	22.299	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	252465	20.856	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	438443	20.325	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	327407	11.815	ng/u1	0.02
46) Dimethylphthalate-d6	14.110	166	1350656	23.660	ng/u1	-0.01
49) Acenaphthylene-d8	14.398	160	1515704	23.619	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.987	143	114810m	15.240	ng/u1	0.04
60) Fluorene-d10	15.693	176	1045445	22.241	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.869	200	68166	9.033	ng/u1	0.01
73) Anthracene-d10	17.563	188	1314212	23.447	ng/u1	-0.01
81) Pyrene-d10	19.792	212	1213488	23.984	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.945	264	1317912	23.025	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.928	128	485445	6.580	ng/u1	99
36) 2-Methylnaphthalene	12.540	142	138936	2.861	ng/u1	98
37) 1-Methylnaphthalene	12.757	142	106270	2.145	ng/u1	99
50) Acenaphthylene	14.428	152	448393	6.341	ng/u1	98
52) Acenaphthene	14.763	153	799182	16.299	ng/u1	98
61) Fluorene	15.751	166	729859	13.219	ng/u1	99
72) Phenanthrene	17.510	178	10280698	154.225	ng/u1	98
74) Anthracene	17.598	178	2834926	42.324	ng/u1	99
80) Fluoranthene	19.475	202	16239177	258.253	ng/u1	99
82) Pyrene	19.828	202	15354462	239.377	ng/u1	98
85) Benzo(a)anthracene	21.539	228	9877245	181.211	ng/u1	96
87) Chrysene	21.604	228	10182413	196.899	ng/u1	95
90) Benzo(b)fluoranthene	23.339	252	17298903	237.272	ng/u1	97
91) Benzo(k)fluoranthene	23.380	252	5644078	76.620	ng/u1	95
93) Benzo(a)pyrene	24.016	252	12316486	193.334	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.851	276	11163816	129.088	ng/u1	99
95) Dibenzo(a,h)anthracene	26.839	278	2805075	39.489	ng/u1#	81
96) Benzo(g,h,i)perylene	27.698	276	11219981	157.702	ng/u1	95

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

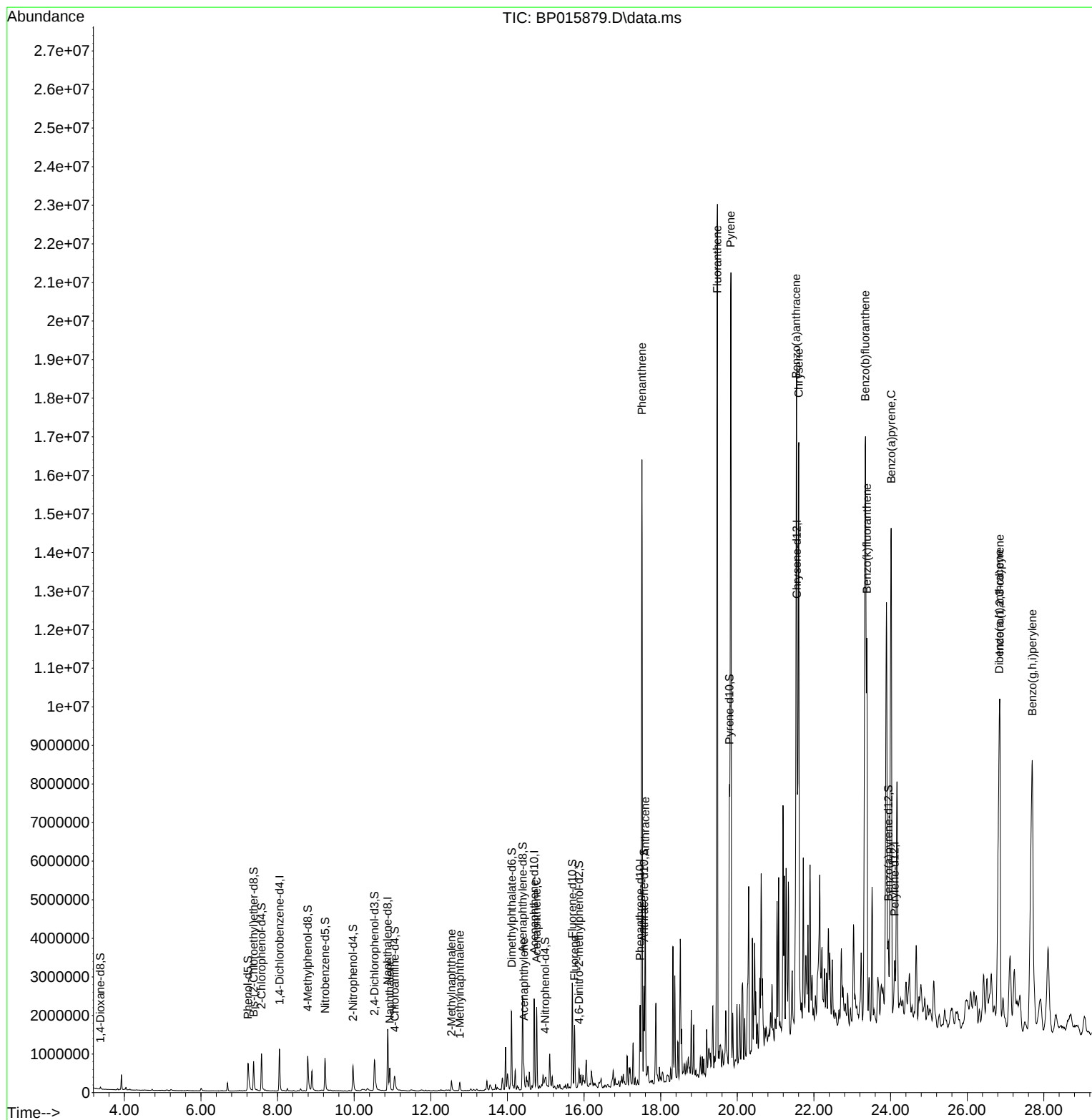
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015879.D
Acq On : 01 Jul 2023 11:28
Operator : MA/JU
Sample : 03242-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

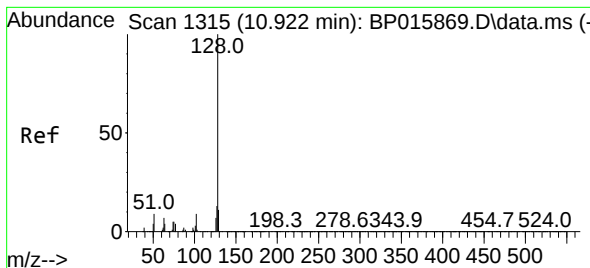
Instrument :
BNA_P
ClientSampleId :
DCGB7

Quant Time: Jul 02 01:36:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

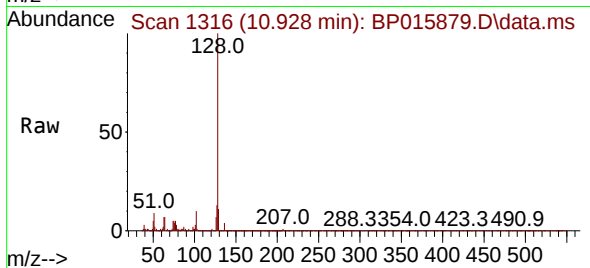
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#30
Naphthalene
Concen: 6.580 ng/ul
RT: 10.928 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28

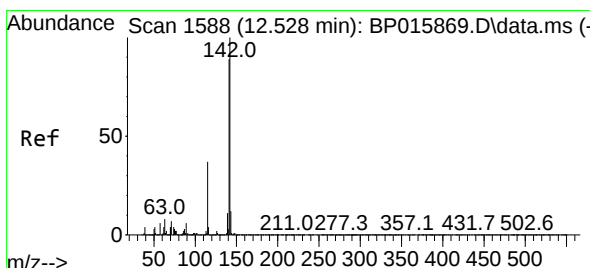
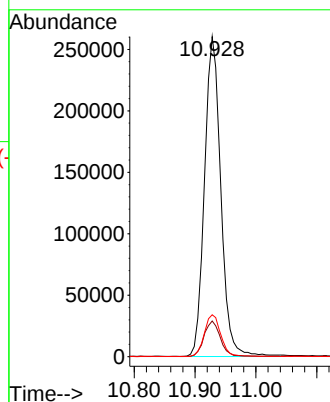
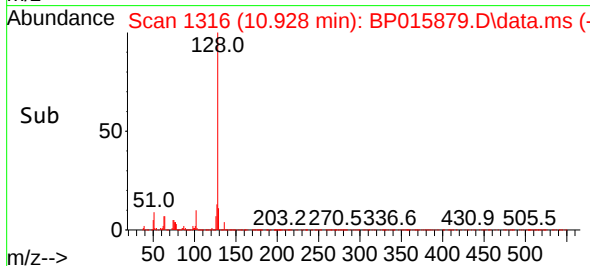
Instrument :
BNA_P
ClientSampleId :
DCGB7



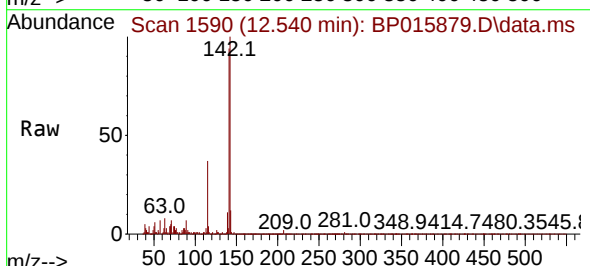
Tgt Ion:128 Resp: 48544
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.1 10.3 15.5

Manual Integrations
APPROVED

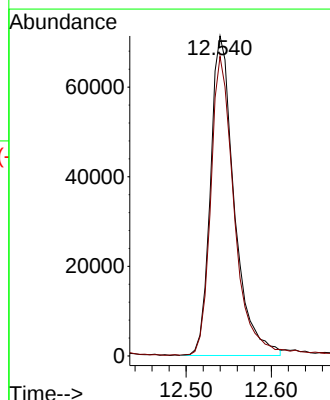
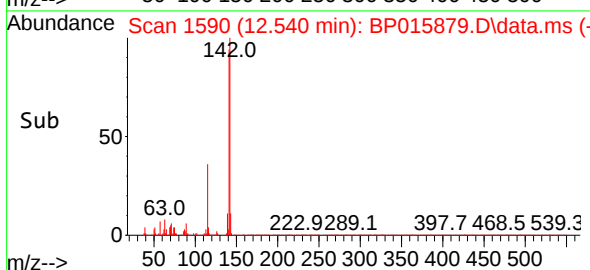
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

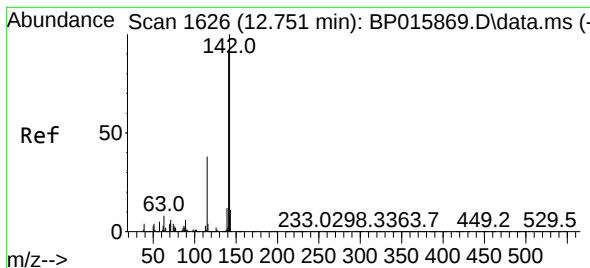


#36
2-Methylnaphthalene
Concen: 2.861 ng/ul
RT: 12.540 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28



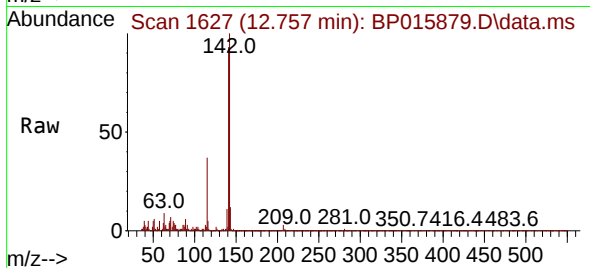
Tgt Ion:142 Resp: 138936
Ion Ratio Lower Upper
142 100
141 93.6 73.2 109.8





#37
1-Methylnaphthalene
Concen: 2.145 ng/ul
RT: 12.757 min Scan# 106270
Delta R.T. -0.006 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28

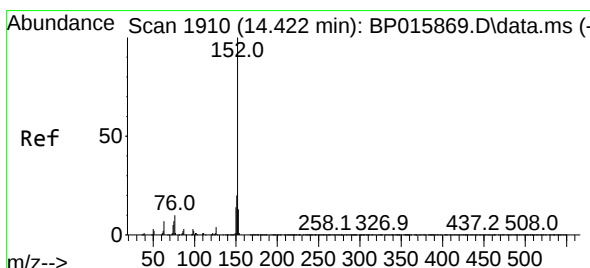
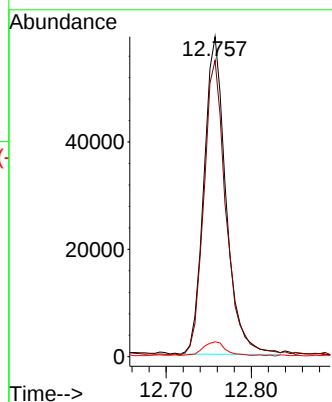
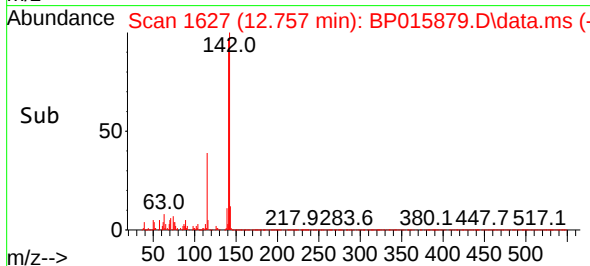
Instrument :
BNA_P
ClientSampleId :
DCGB7



Tgt Ion:142 Resp: 106270
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7
116 4.6 4.0 6.0

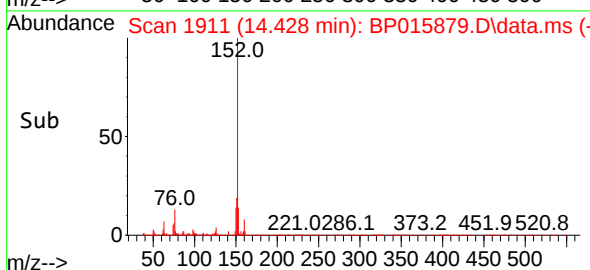
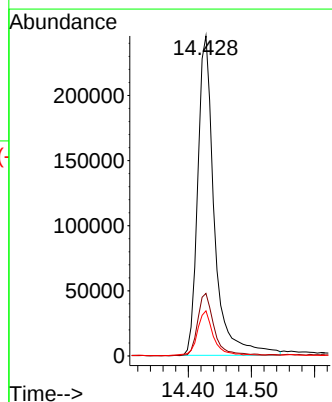
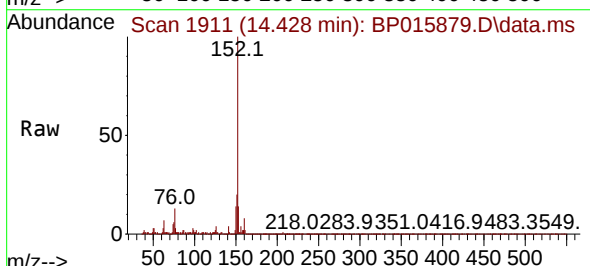
Manual Integrations
APPROVED

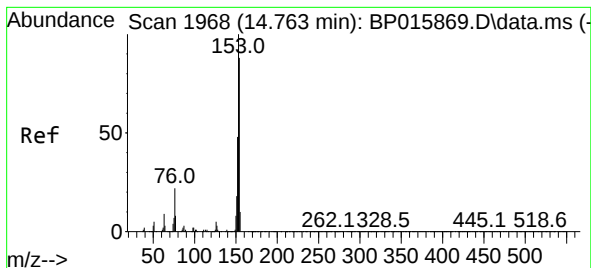
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#50
Acenaphthylene
Concen: 6.341 ng/ul
RT: 14.428 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28

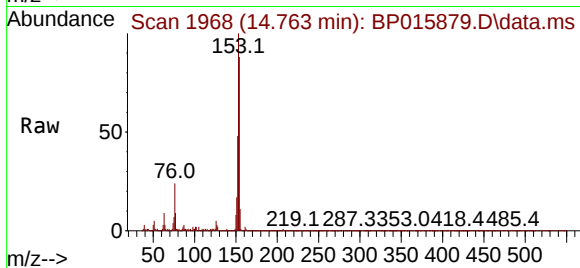
Tgt Ion:152 Resp: 448393
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 14.1 10.5 15.7





#52
Acenaphthene
Concen: 16.299 ng/ul
RT: 14.763 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28

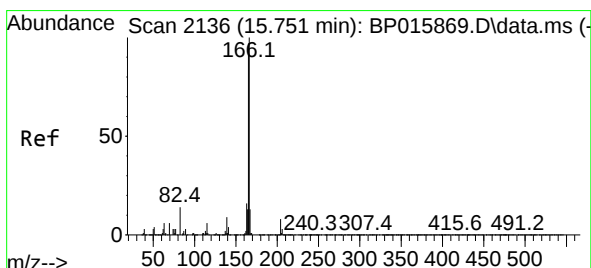
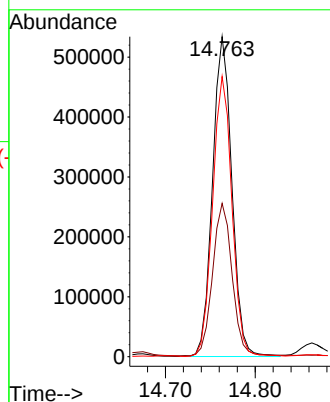
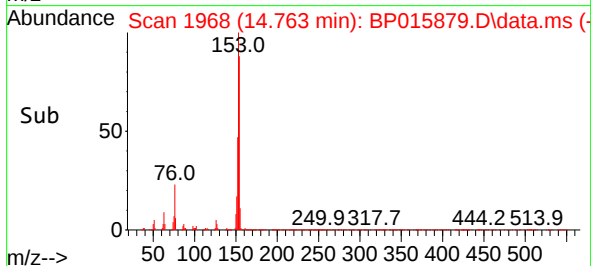
Instrument :
BNA_P
ClientSampleId :
DCGB7



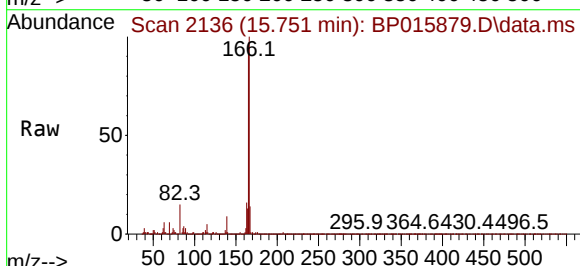
Tgt Ion:153 Resp: 79918
Ion Ratio Lower Upper
153 100
152 47.9 39.4 59.2
154 87.5 71.4 107.2

Manual Integrations
APPROVED

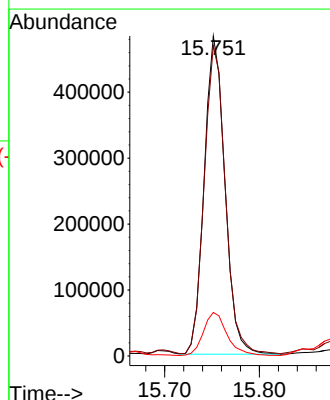
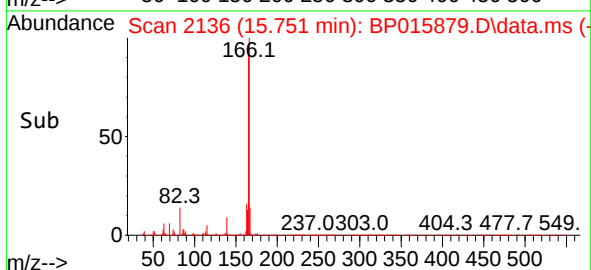
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

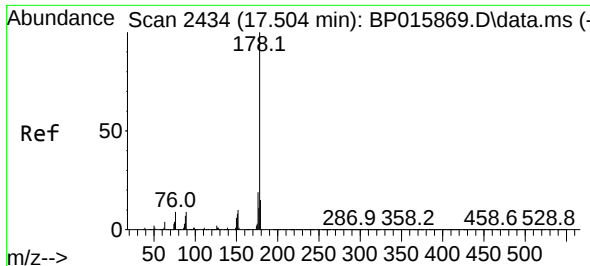


#61
Fluorene
Concen: 13.219 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28



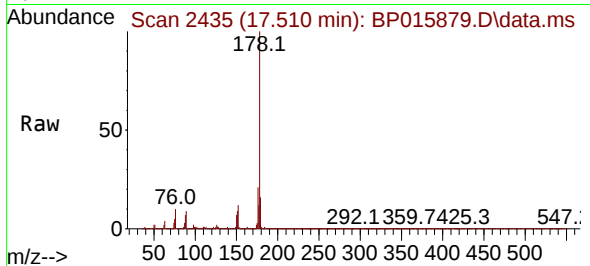
Tgt Ion:166 Resp: 729859
Ion Ratio Lower Upper
166 100
165 97.0 78.7 118.1
167 13.6 10.5 15.7





#72
Phenanthrene
Concen: 154.225 ng/ul
RT: 17.510 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28

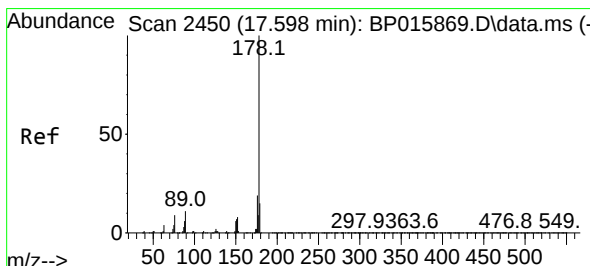
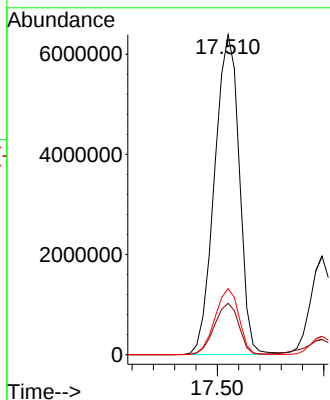
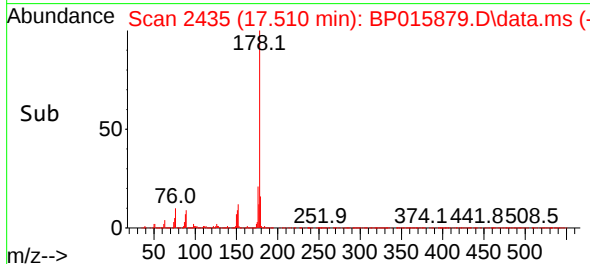
Instrument :
BNA_P
ClientSampleId :
DCGB7



Tgt Ion:178 Resp:10280698
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 20.6 15.6 23.4

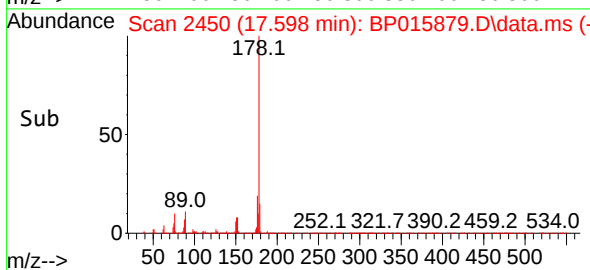
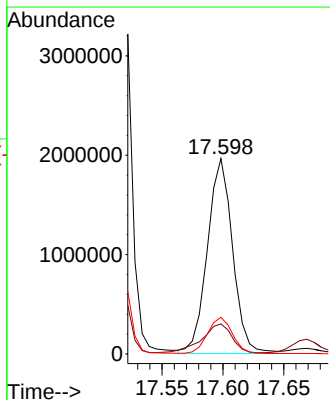
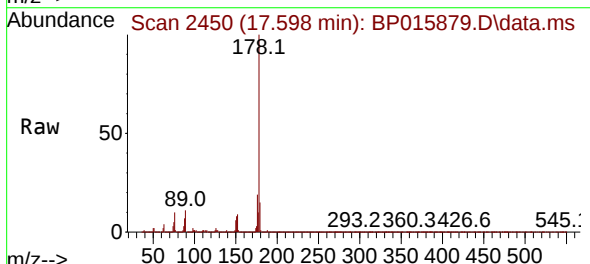
Manual Integrations
APPROVED

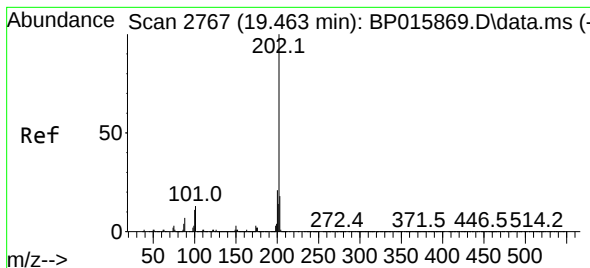
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#74
Anthracene
Concen: 42.324 ng/ul
RT: 17.598 min Scan# 2450
Delta R.T. -0.012 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28

Tgt Ion:178 Resp: 2834926
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.7 14.6 22.0





#80

Fluoranthene

Concen: 258.253 ng/ul

RT: 19.475 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015879.D

Acq: 01 Jul 2023 11:28

Instrument :

BNA_P

ClientSampleId :

DCGB7

Tgt Ion:202 Resp:1623917

Ion Ratio Lower Upper

202 100

101 11.1 8.3 12.5

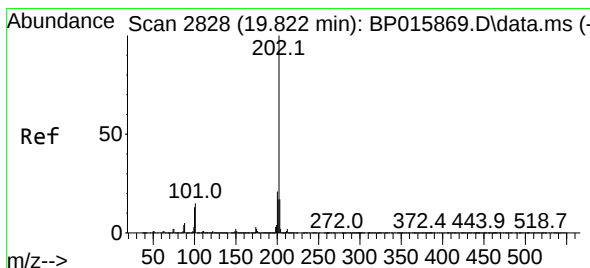
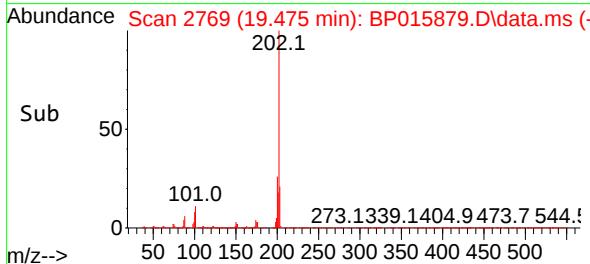
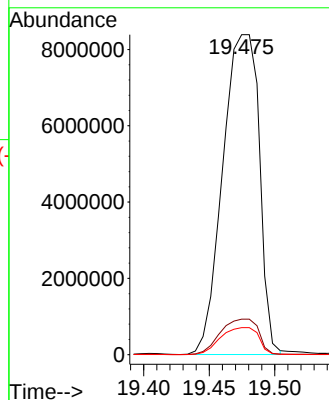
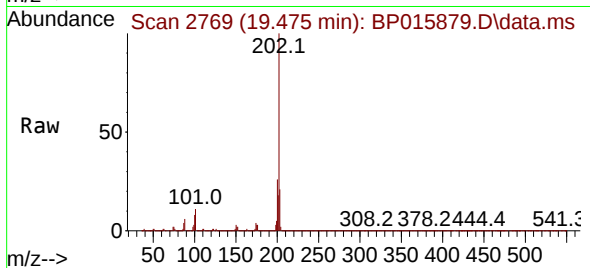
100 8.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#82

Pyrene

Concen: 239.377 ng/ul

RT: 19.828 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP015879.D

Acq: 01 Jul 2023 11:28

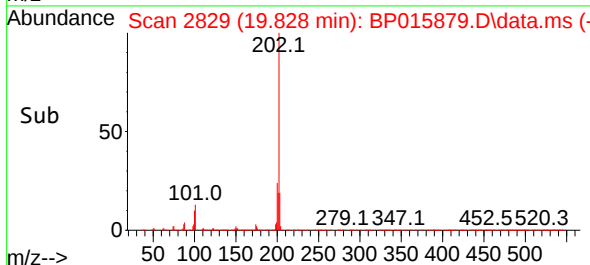
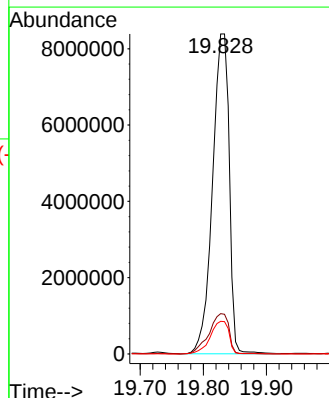
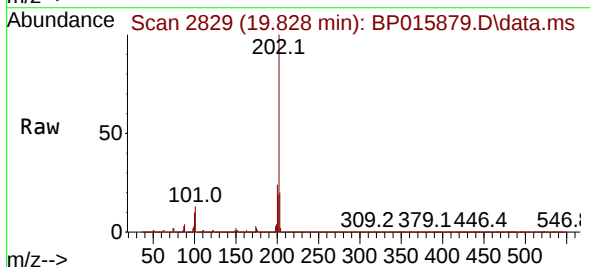
Tgt Ion:202 Resp:15354462

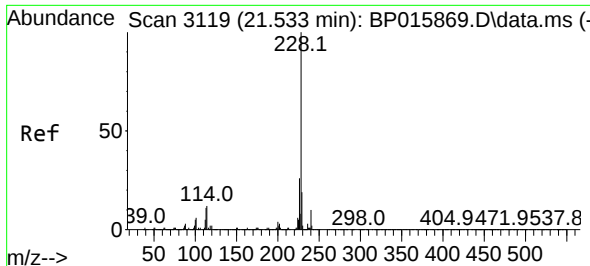
Ion Ratio Lower Upper

202 100

101 12.6 9.3 13.9

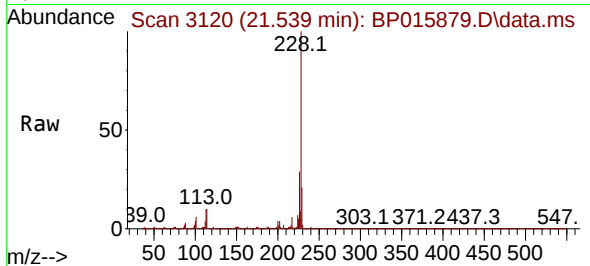
100 10.2 7.6 11.4





#85
Benzo(a)anthracene
Concen: 181.211 ng/uI
RT: 21.539 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28

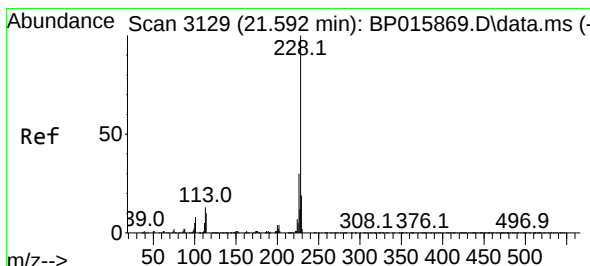
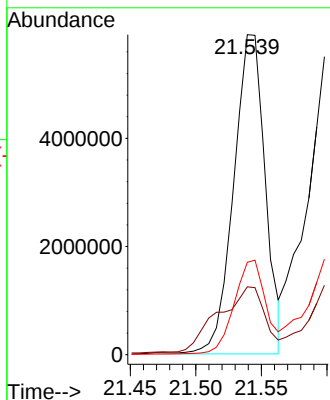
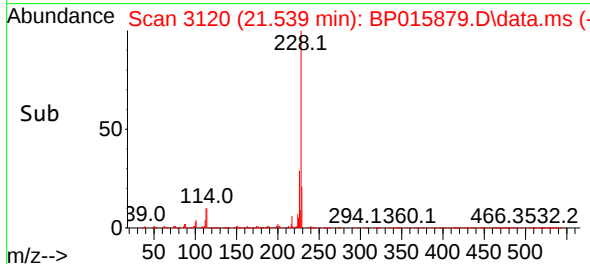
Instrument :
BNA_P
ClientSampleId :
DCGB7



Tgt Ion:228 Resp: 9877249
Ion Ratio Lower Upper
228 100
229 21.2 15.3 22.9
226 28.9 21.4 32.0

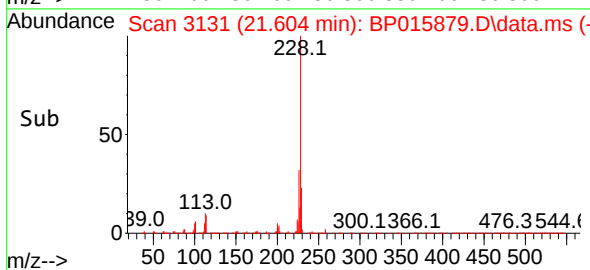
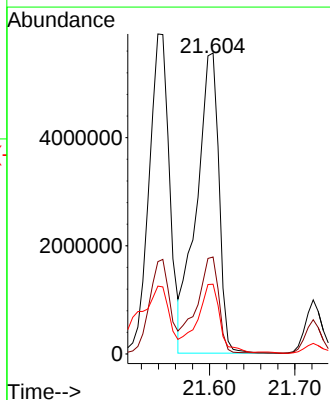
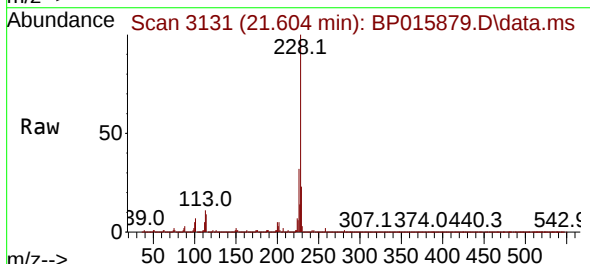
Manual Integrations
APPROVED

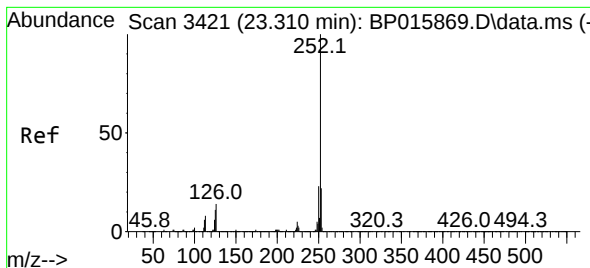
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#87
Chrysene
Concen: 196.899 ng/uI
RT: 21.604 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP015879.D
Acq: 01 Jul 2023 11:28

Tgt Ion:228 Resp:10182413
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 23.2 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 237.272 ng/ul

RT: 23.339 min Scan# 3421

Delta R.T. 0.012 min

Lab File: BP015879.D

Acq: 01 Jul 2023 11:28

Instrument :

BNA_P

ClientSampleId :

DCGB7

Tgt Ion:252 Resp:1729890

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

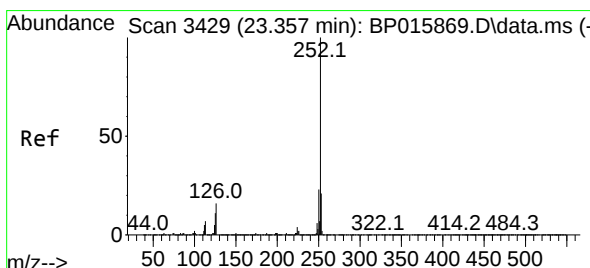
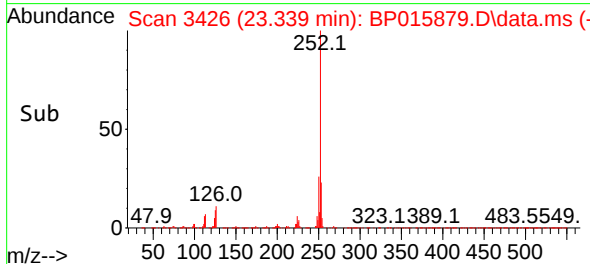
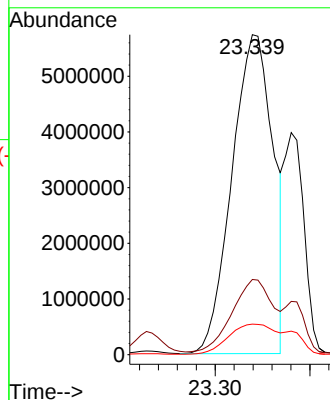
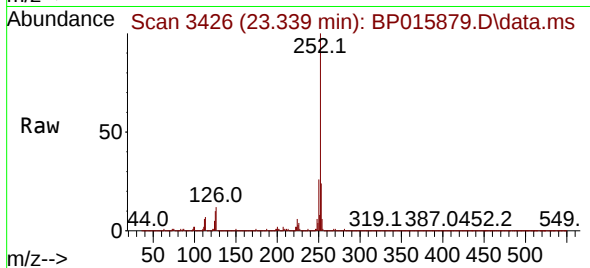
125 9.6 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#91

Benzo(k)fluoranthene

Concen: 76.620 ng/ul

RT: 23.380 min Scan# 3433

Delta R.T. 0.000 min

Lab File: BP015879.D

Acq: 01 Jul 2023 11:28

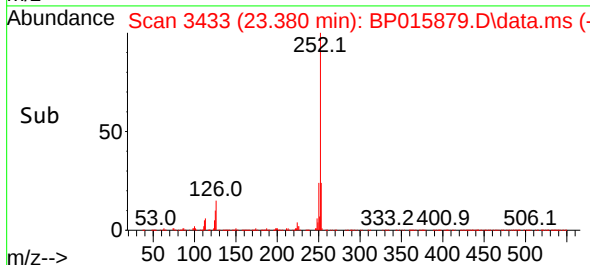
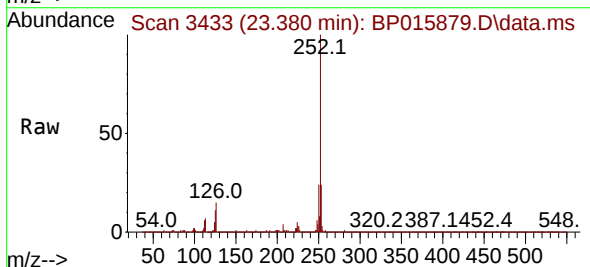
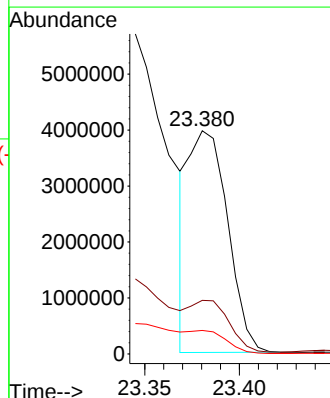
Tgt Ion:252 Resp: 5644078

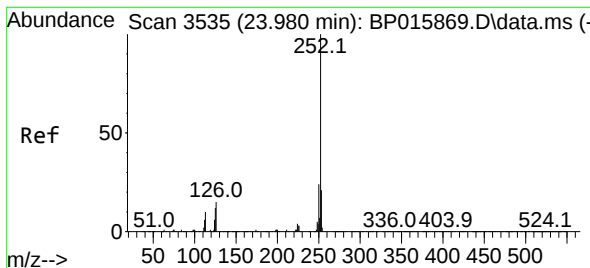
Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.4

125 10.6 7.3 10.9





#93

Benzo(a)pyrene

Concen: 193.334 ng/ul

RT: 24.016 min Scan# 3541

Delta R.T. 0.012 min

Lab File: BP015879.D

Acq: 01 Jul 2023 11:28

Instrument :

BNA_P

ClientSampleId :

DCGB7

Tgt Ion:252 Resp:1231648

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

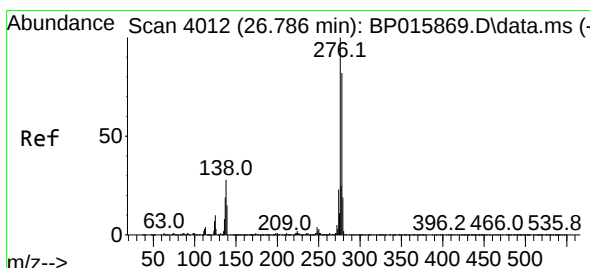
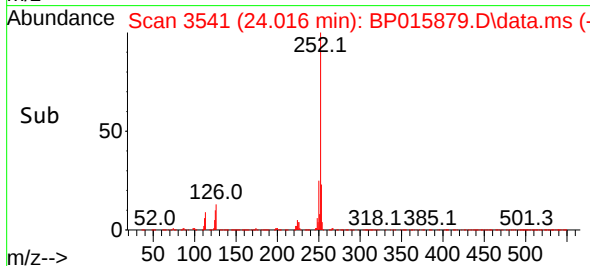
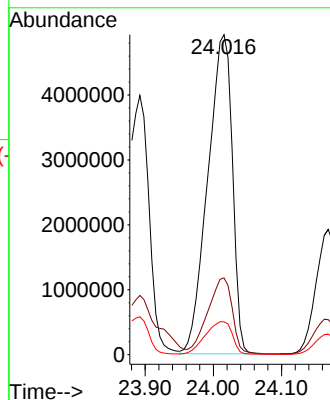
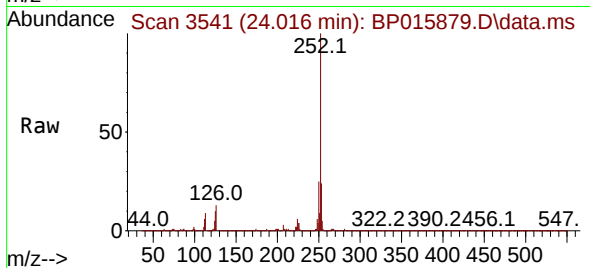
125 10.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 129.088 ng/ul

RT: 26.851 min Scan# 4023

Delta R.T. 0.035 min

Lab File: BP015879.D

Acq: 01 Jul 2023 11:28

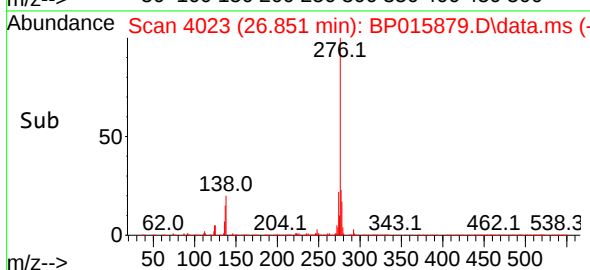
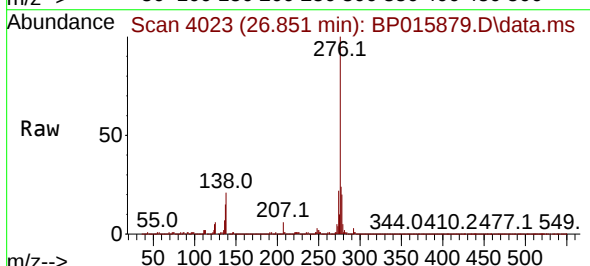
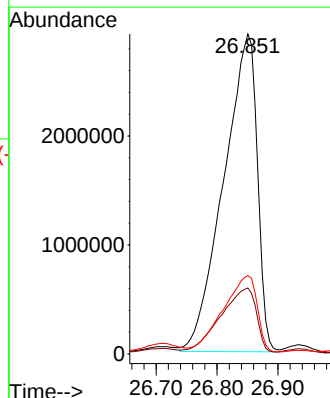
Tgt Ion:276 Resp:11163816

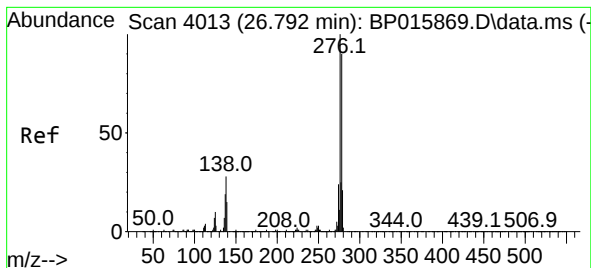
Ion Ratio Lower Upper

276 100

138 20.6 15.7 23.5

277 24.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 39.489 ng/ul

RT: 26.839 min Scan# 4013

Delta R.T. 0.012 min

Lab File: BP015879.D

Acq: 01 Jul 2023 11:28

Instrument :

BNA_P

ClientSampleId :

DCGB7

Tgt Ion:278 Resp: 280507

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7

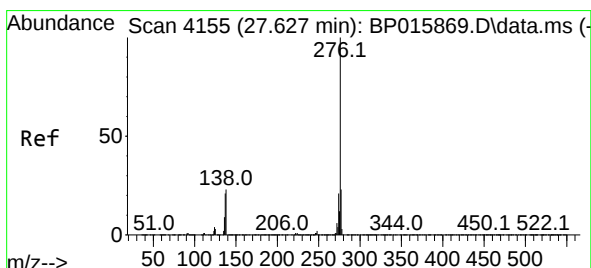
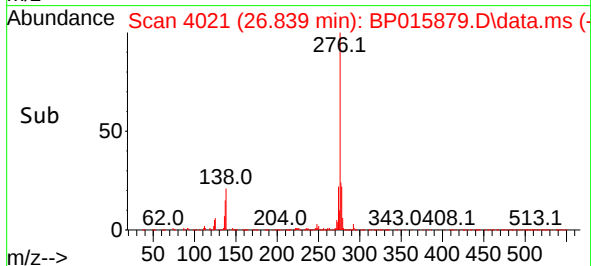
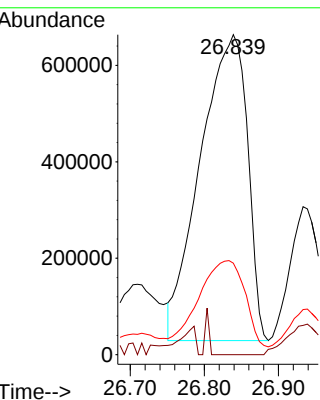
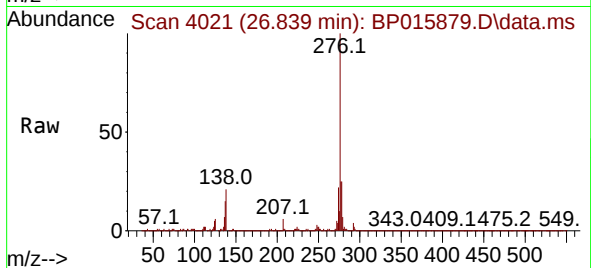
279 28.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#96

Benzo(g,h,i)perylene

Concen: 157.702 ng/ul

RT: 27.698 min Scan# 4167

Delta R.T. 0.041 min

Lab File: BP015879.D

Acq: 01 Jul 2023 11:28

Tgt Ion:276 Resp:11219981

Ion Ratio Lower Upper

276 100

138 22.5 15.1 22.7

277 25.1 18.8 28.2

