

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016579.D
 Acq On : 15 Aug 2023 01:47
 Operator : MA/JU
 Sample : 03965-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48L3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

Quant Time: Aug 15 02:25:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	491072	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	2140464	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1240176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	2620024	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	2086094	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1993412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	37678	2.915	ng/uL	0.00
4) Pyridine-d5	3.846	84	26361	0.670	ng/ul	0.01
7) Phenol-d5	7.193	99	684340	15.116	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	489285	16.409	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	558372	17.171	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	416908	11.581	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	280118	18.599	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	283612	19.827	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	517704	18.390	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	266479	5.517	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1609818	17.946	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1872580	18.495	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	219879	12.033	ng/ul	0.00
60) Fluorene-d10	15.704	176	1415956	18.516	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	131495	10.550	ng/ul	0.00
73) Anthracene-d10	17.575	188	2139463	18.878	ng/ul	0.00
81) Pyrene-d10	19.804	212	2447548	22.392	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1876584	19.644	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.222	94	49033	1.013	ng/ul	95
16) Acetophenone	8.905	105	243430	4.188	ng/ul	99
72) Phenanthrene	17.516	178	1491256	10.804	ng/ul	99
74) Anthracene	17.610	178	387583	2.795	ng/ul	99
80) Fluoranthene	19.475	202	3046985	23.356	ng/ul	99
82) Pyrene	19.833	202	2635988	19.135	ng/ul	97
85) Benzo(a)anthracene	21.551	228	1365669	9.741	ng/ul	98
87) Chrysene	21.610	228	1259101	9.597	ng/ul	98
90) Benzo(b)fluoranthene	23.351	252	1455419	12.262	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	501356m	4.258	ng/ul	
93) Benzo(a)pyrene	24.039	252	1008612	9.008	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.898	276	597804	4.524	ng/ul	97
95) Dibenzo(a,h)anthracene	26.921	278	145883	1.327	ng/ul#	91
96) Benzo(g,h,i)perylene	27.762	276	485891	4.620	ng/ul	99

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

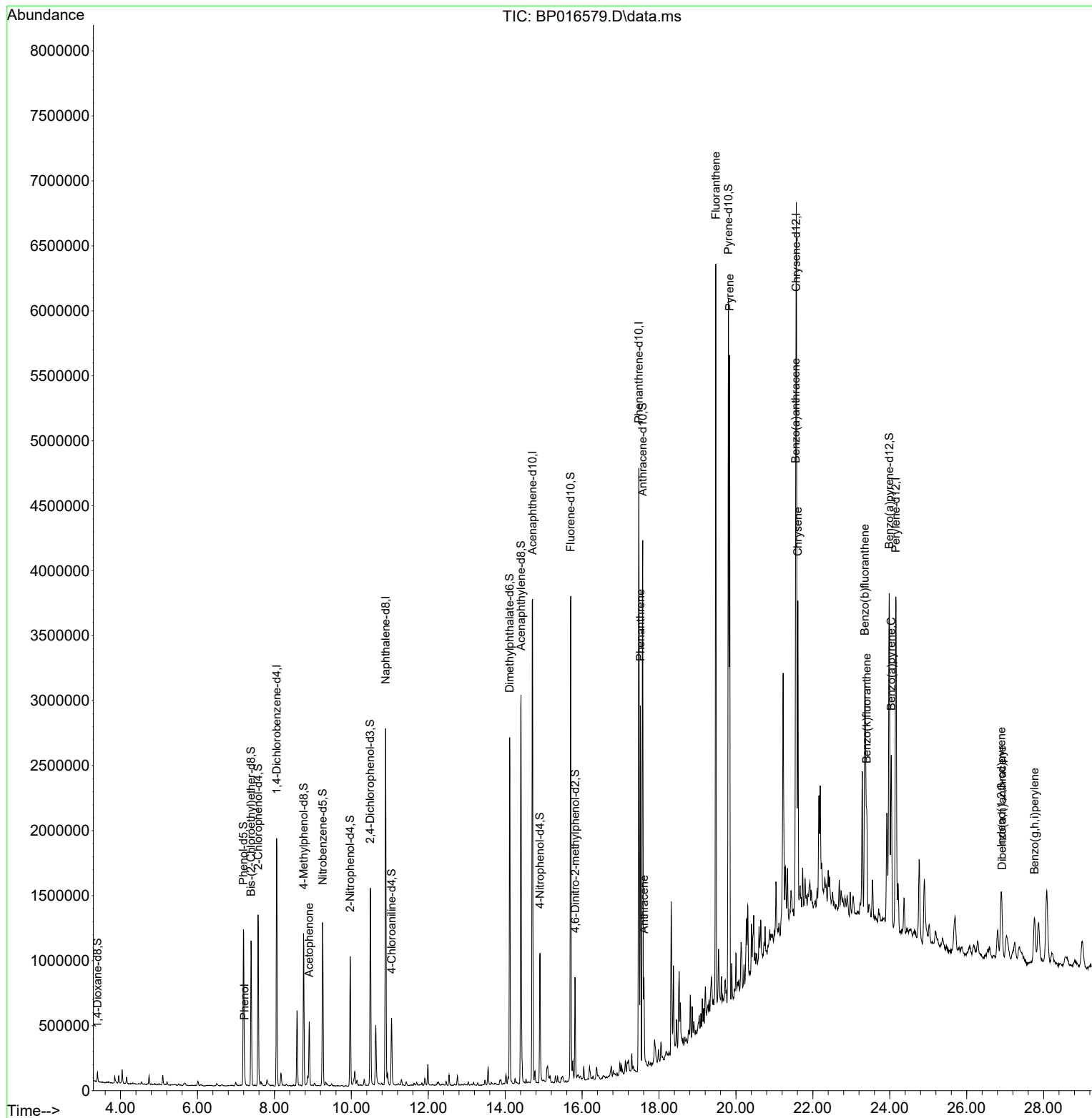
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016579.D
Acq On : 15 Aug 2023 01:47
Operator : MA/JU
Sample : 03965-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

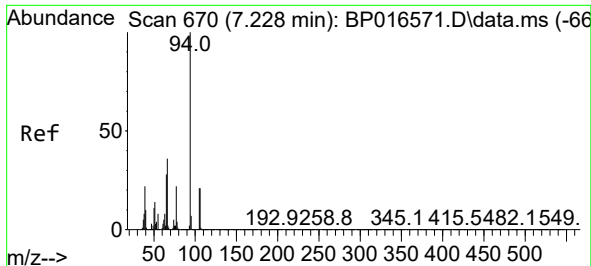
Instrument :
BNA_P
ClientSampleId :
A48L3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

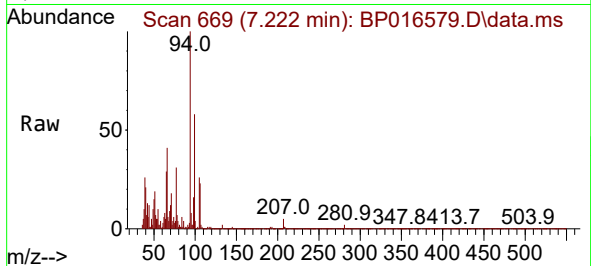
Quant Time: Aug 15 02:25:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration





#8
Phenol
Concen: 1.013 ng/ul
RT: 7.222 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP016579.D
Acq: 15 Aug 2023 01:47

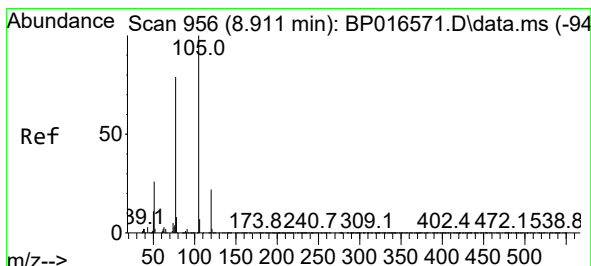
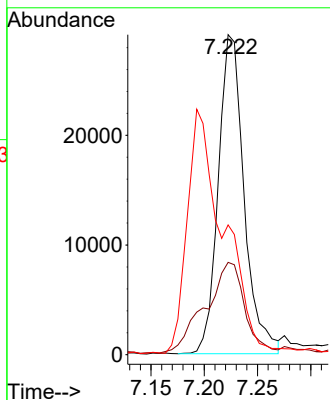
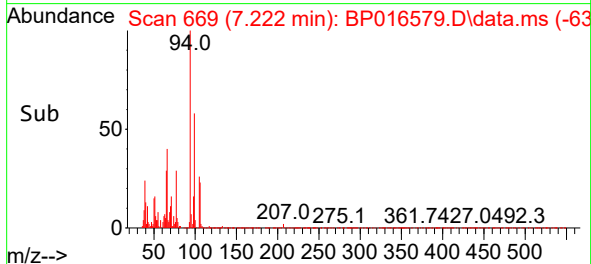
Instrument :
BNA_P
ClientSampleId :
A48L3



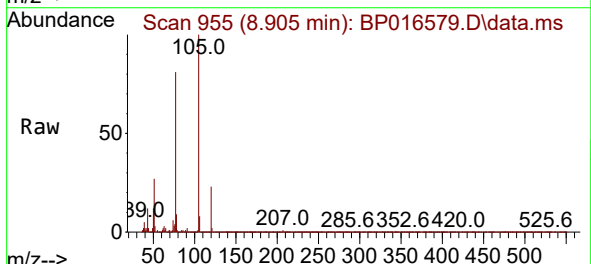
Tgt Ion: 94 Resp: 4903
Ion Ratio Lower Upper
94 100
65 28.8 22.3 33.5
66 40.5 28.7 43.1

Manual Integrations
APPROVED

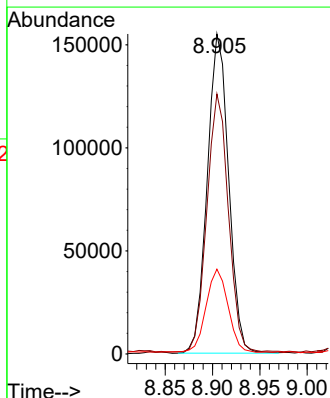
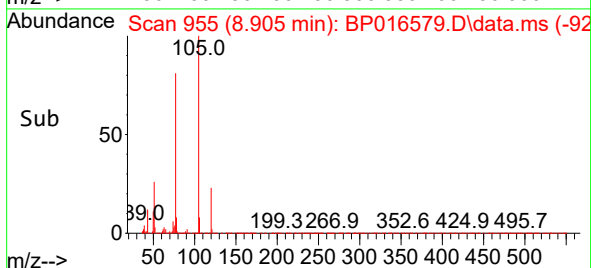
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

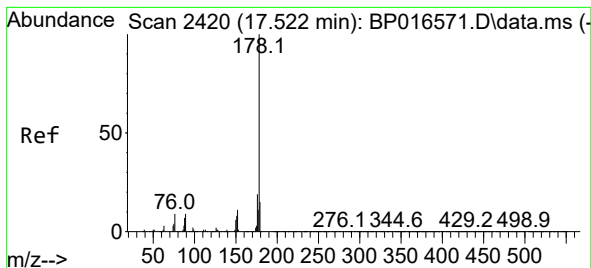


#16
Acetophenone
Concen: 4.188 ng/ul
RT: 8.905 min Scan# 955
Delta R.T. -0.006 min
Lab File: BP016579.D
Acq: 15 Aug 2023 01:47



Tgt Ion:105 Resp: 243430
Ion Ratio Lower Upper
105 100
77 81.2 64.4 96.6
51 26.5 21.2 31.8





#72

Phenanthrene

Concen: 10.804 ng/ul

RT: 17.516 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP016579.D

Acq: 15 Aug 2023 01:47

Instrument :

BNA_P

ClientSampleId :

A48L3

Tgt Ion:178 Resp: 1491250

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

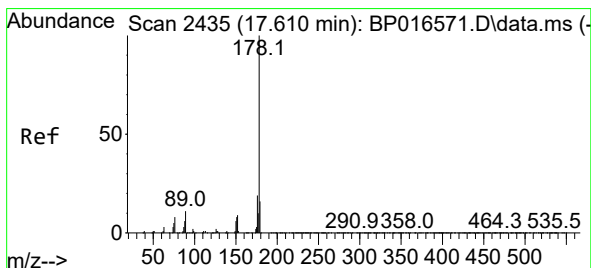
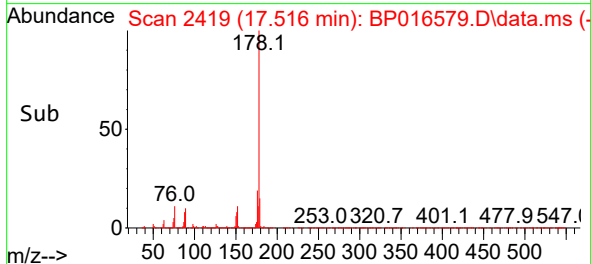
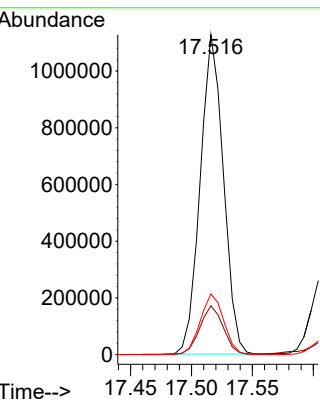
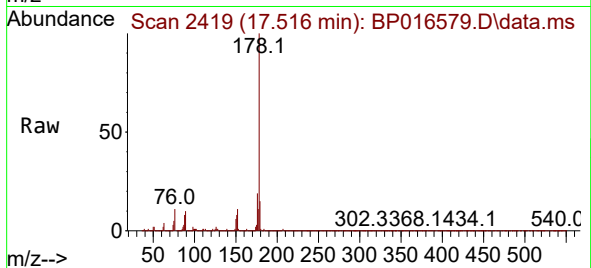
176 19.0 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#74

Anthracene

Concen: 2.795 ng/ul

RT: 17.610 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP016579.D

Acq: 15 Aug 2023 01:47

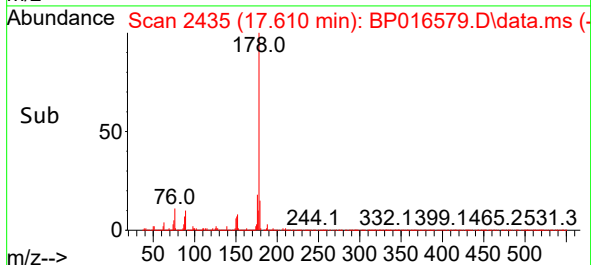
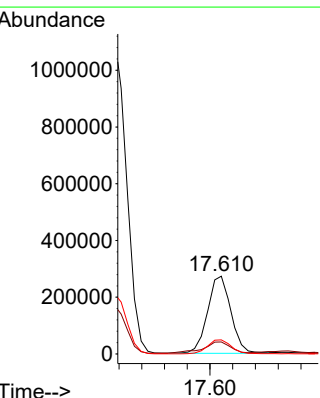
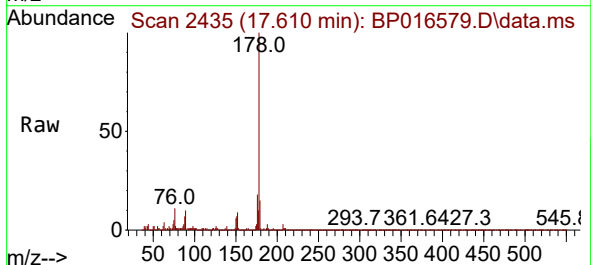
Tgt Ion:178 Resp: 387583

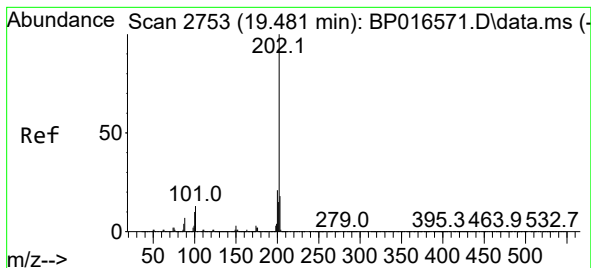
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

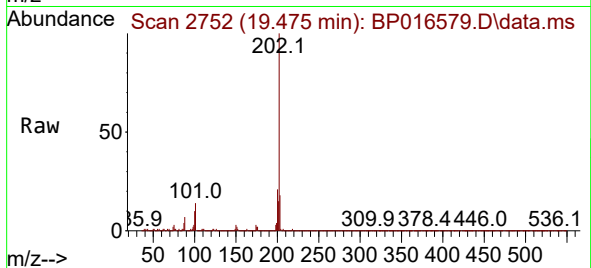
176 18.1 14.9 22.3





#80
Fluoranthene
Concen: 23.356 ng/ul
RT: 19.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016579.D
Acq: 15 Aug 2023 01:47

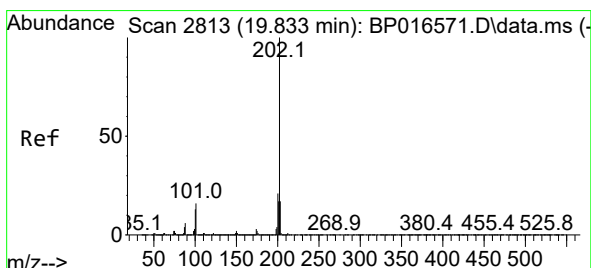
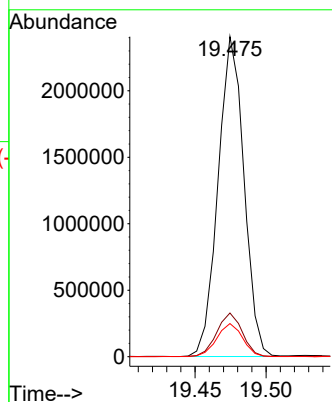
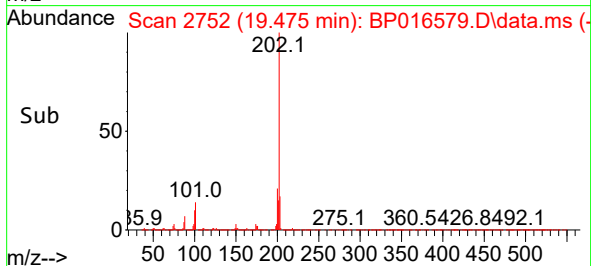
Instrument :
BNA_P
ClientSampleId :
A48L3



Tgt Ion:202 Resp: 3046985
Ion Ratio Lower Upper
202 100
101 13.7 10.6 16.0
100 10.3 8.1 12.1

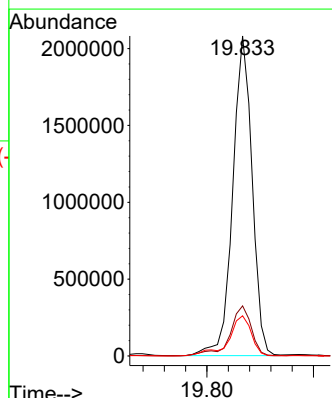
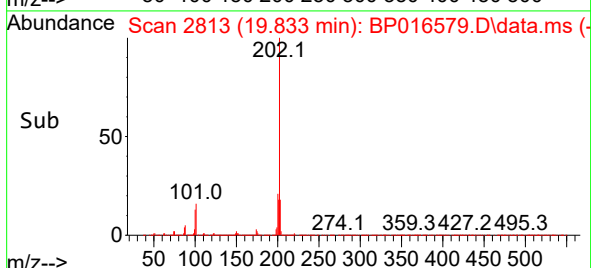
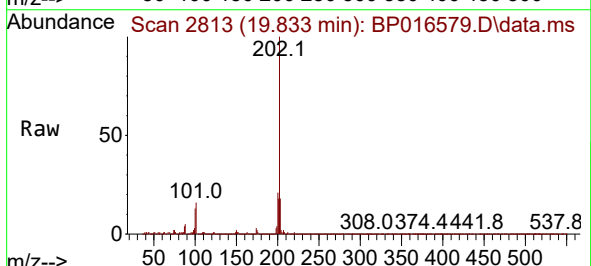
Manual Integrations
APPROVED

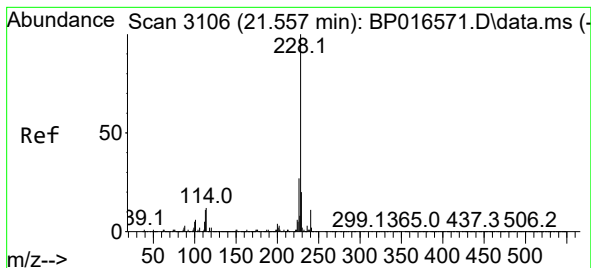
Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023



#82
Pyrene
Concen: 19.135 ng/ul
RT: 19.833 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BP016579.D
Acq: 15 Aug 2023 01:47

Tgt Ion:202 Resp: 2635988
Ion Ratio Lower Upper
202 100
101 15.6 13.4 20.2
100 12.6 11.0 16.4





#85

Benzo(a)anthracene

Concen: 9.741 ng/ul

RT: 21.551 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP016579.D

Acq: 15 Aug 2023 01:47

Instrument :

BNA_P

ClientSampleId :

A48L3

Tgt Ion:228 Resp: 136566

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.6

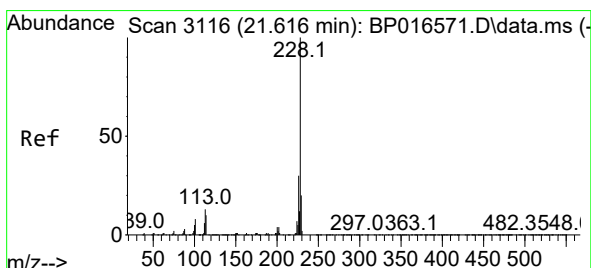
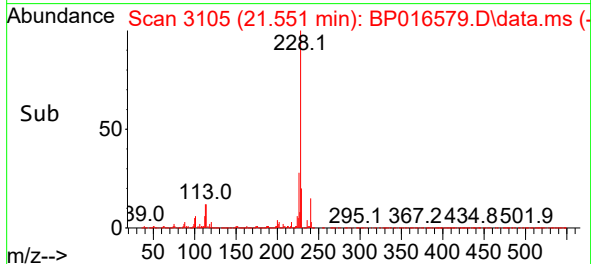
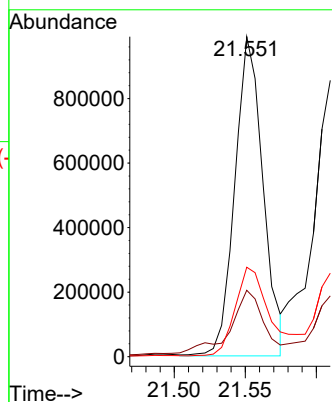
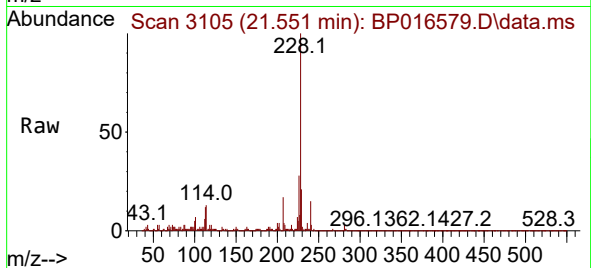
226 28.0 21.8 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#87

Chrysene

Concen: 9.597 ng/ul

RT: 21.610 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP016579.D

Acq: 15 Aug 2023 01:47

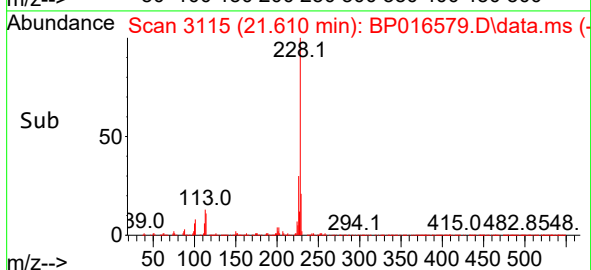
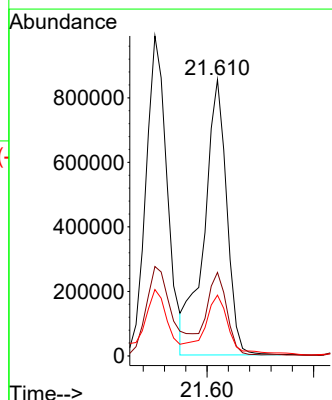
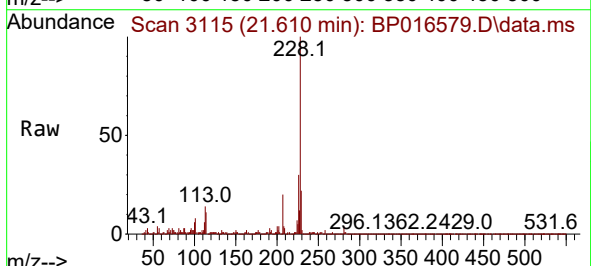
Tgt Ion:228 Resp: 1259101

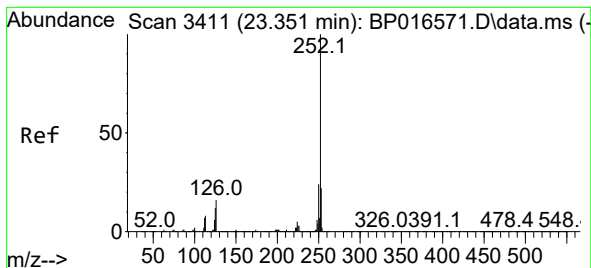
Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 22.0 16.4 24.6





#90

Benzo(b)fluoranthene

Concen: 12.262 ng/ul

RT: 23.351 min Scan# 3411

Delta R.T. -0.000 min

Lab File: BP016579.D

Acq: 15 Aug 2023 01:47

Instrument :

BNA_P

ClientSampleId :

A48L3

Tgt Ion:252 Resp: 1455419

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

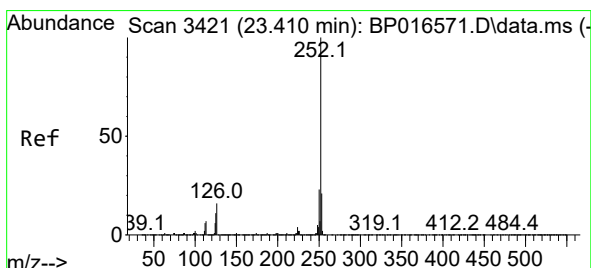
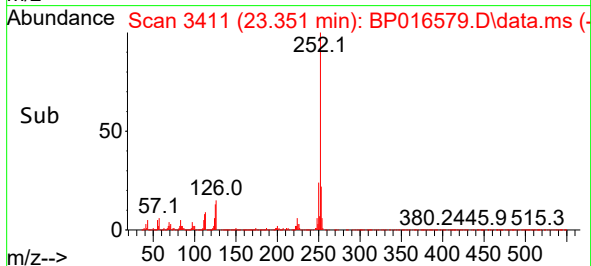
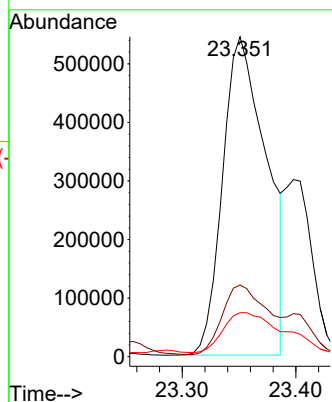
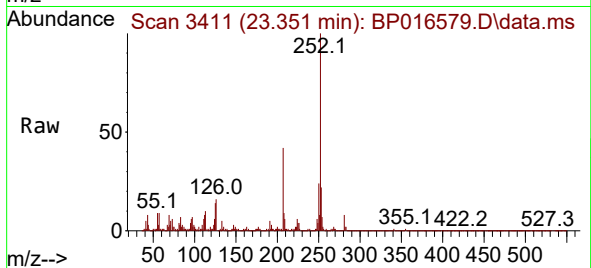
125 13.7 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#91

Benzo(k)fluoranthene

Concen: 4.258 ng/ul m

RT: 23.398 min Scan# 3419

Delta R.T. -0.006 min

Lab File: BP016579.D

Acq: 15 Aug 2023 01:47

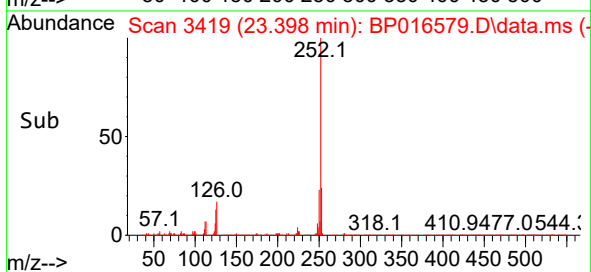
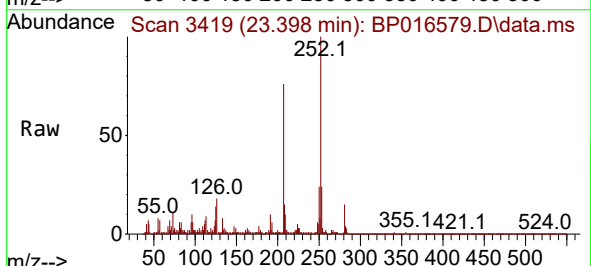
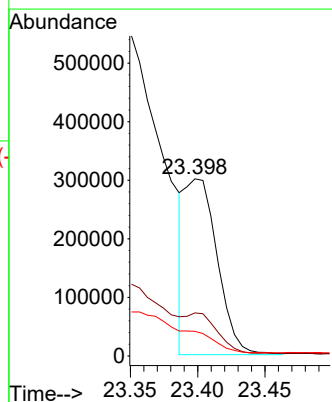
Tgt Ion:252 Resp: 501356

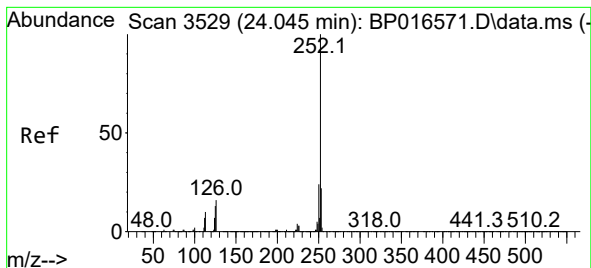
Ion Ratio Lower Upper

252 100

253 24.3 18.0 27.0

125 13.9 9.8 14.8





#93

Benzo(a)pyrene

Concen: 9.008 ng/ul

RT: 24.039 min Scan# 3529

Delta R.T. -0.000 min

Lab File: BP016579.D

Acq: 15 Aug 2023 01:47

Instrument :

BNA_P

ClientSampleId :

A48L3

Tgt Ion:252 Resp: 100861

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

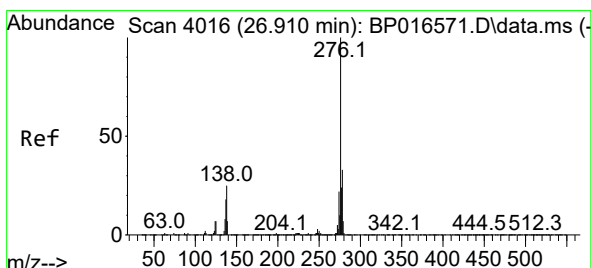
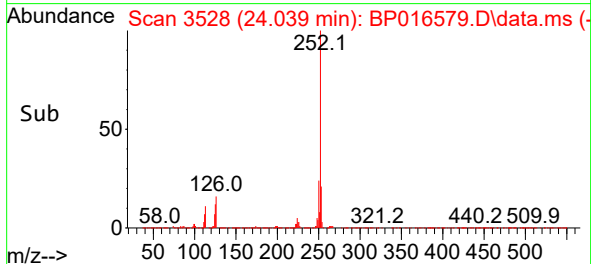
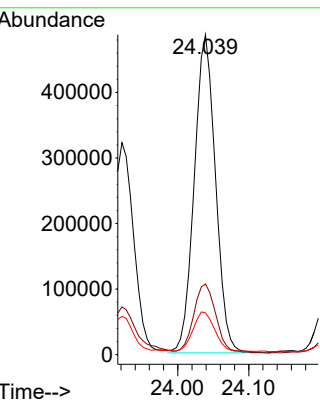
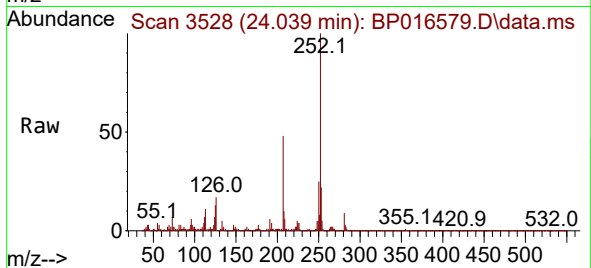
125 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/15/2023

Supervised By :Sohil Jodhani 08/15/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.524 ng/ul

RT: 26.898 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP016579.D

Acq: 15 Aug 2023 01:47

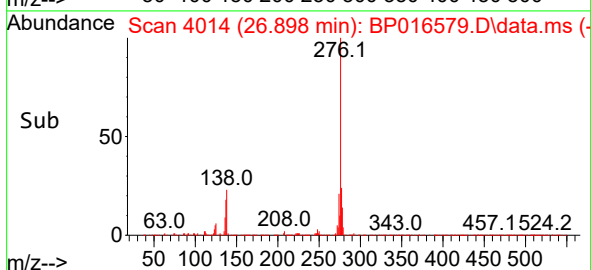
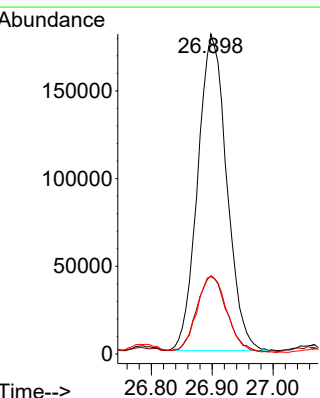
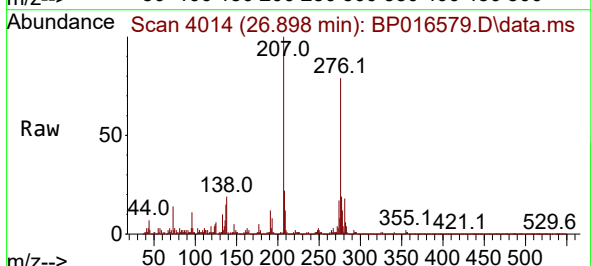
Tgt Ion:276 Resp: 597804

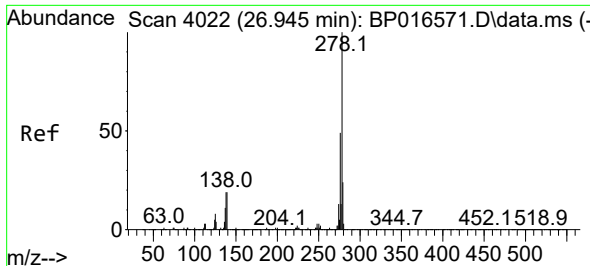
Ion Ratio Lower Upper

276 100

138 24.1 21.7 32.5

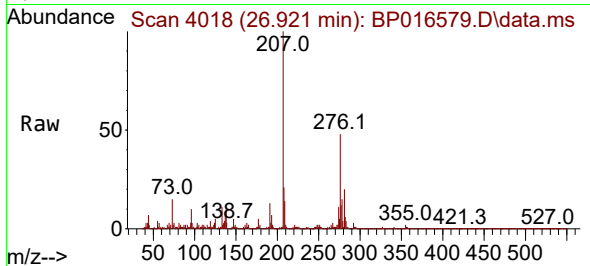
277 24.5 19.5 29.3





#95
Dibenzo(a,h)anthracene
Concen: 1.327 ng/ul
RT: 26.921 min Scan# 4022
Delta R.T. -0.018 min
Lab File: BP016579.D
Acq: 15 Aug 2023 01:47

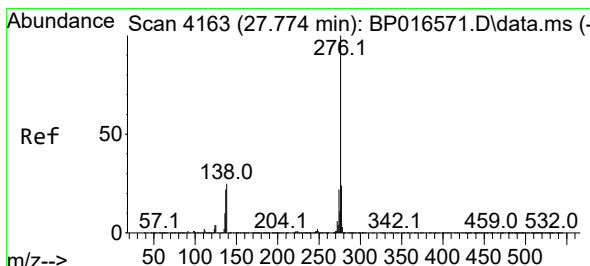
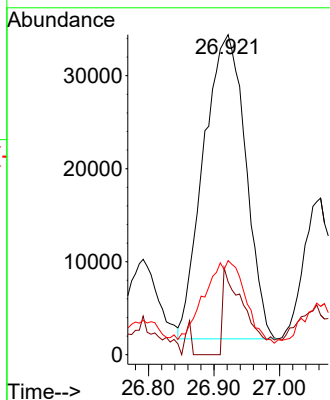
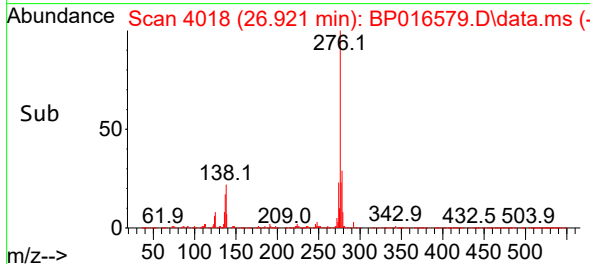
Instrument :
BNA_P
Client SampleId :
A48L3



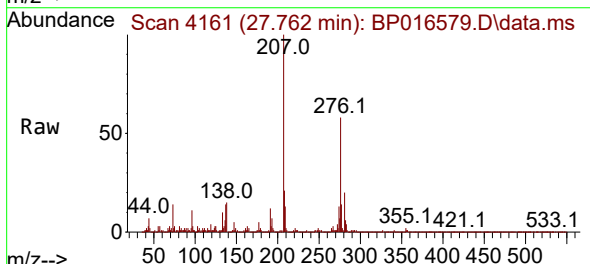
Tgt Ion: 278 Resp: 14588
Ion Ratio Lower Upper
278 100
139 22.8 15.5 23.3
279 29.4 19.1 28.7

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 08/15/2023
Supervised By : Sohil Jodhani 08/15/2023



#96
Benzo(g,h,i)perylene
Concen: 4.620 ng/ul
RT: 27.762 min Scan# 4161
Delta R.T. -0.012 min
Lab File: BP016579.D
Acq: 15 Aug 2023 01:47



Tgt Ion: 276 Resp: 485891
Ion Ratio Lower Upper
276 100
138 26.1 21.5 32.3
277 24.6 19.3 28.9

