

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019729.D
 Acq On : 15 Feb 2024 18:36
 Operator : MA/JU
 Sample : P1473-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-021424

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 16 00:54:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	92913	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	353179	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	233765	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	516522	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	472338	20.000	ng	0.00
86) Perylene-d12	23.815	264	539842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	172097	29.857	ng	0.00
7) Phenol-d6	7.075	99	223468	28.752	ng	-0.01
23) Nitrobenzene-d5	9.075	82	150461	18.460	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	116062	34.005	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	364835	19.294	ng	-0.02
79) Terphenyl-d14	19.863	244	589990	20.542	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.304	202	142855	4.302	ng	97
78) Pyrene	19.657	202	147692	4.430	ng	99
81) Benzo(a)anthracene	21.374	228	99524	2.993	ng	93
83) Chrysene	21.427	228	90762m	2.875	ng	
87) Indeno(1,2,3-cd)pyrene	26.339	276	90831	2.198	ng	# 96
88) Benzo(b)fluoranthene	23.074	252	147808	4.344	ng	# 76
90) Benzo(a)pyrene	23.704	252	111961	3.698	ng	# 86
92) Benzo(g,h,i)perylene	27.121	276	100261	2.908	ng	# 91

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

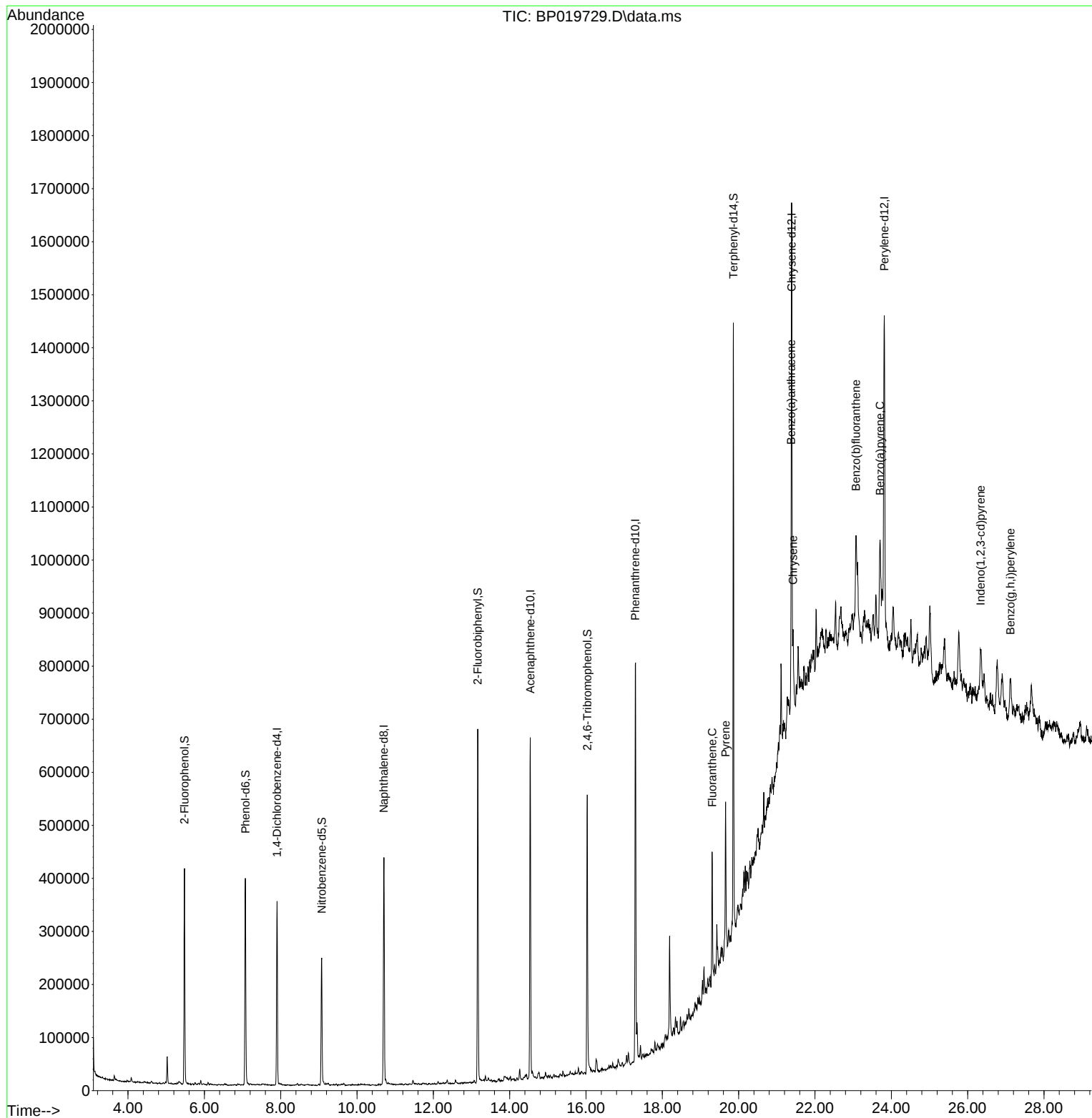
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019729.D
Acq On : 15 Feb 2024 18:36
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Sample : P1473-03 2X
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ALS Vial : 16 Sample Multiplier: 1

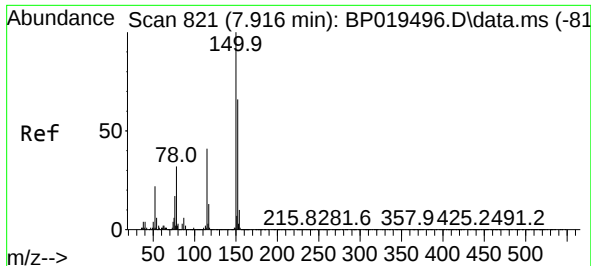
Instrument :
BNA_P
ClientSampleId :
SU-04-021424

Quant Time: Feb 16 00:54:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

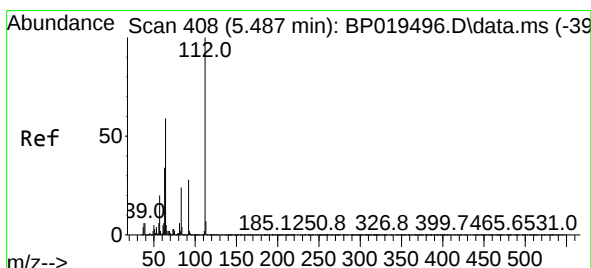
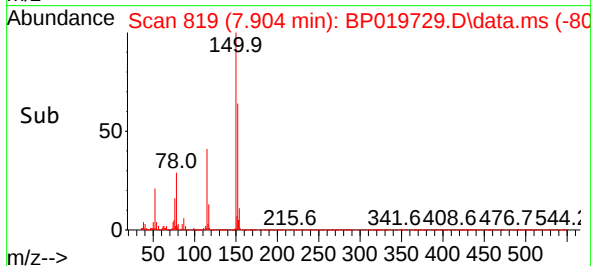
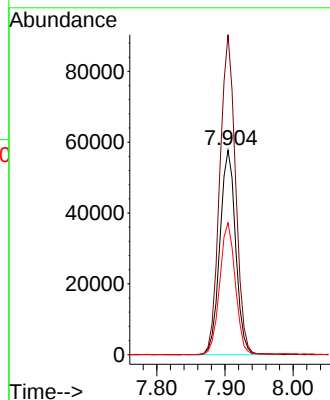
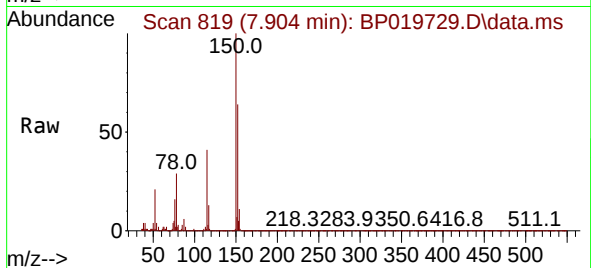
SU-04-021424

Tgt Ion:152 Resp: 9291
Ion Ratio Lower Upper
152 100
150 156.5 121.8 182.8
115 64.5 49.9 74.9

Manual Integrations

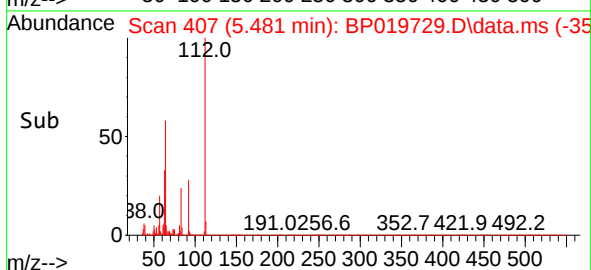
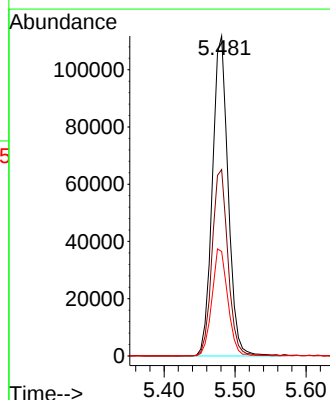
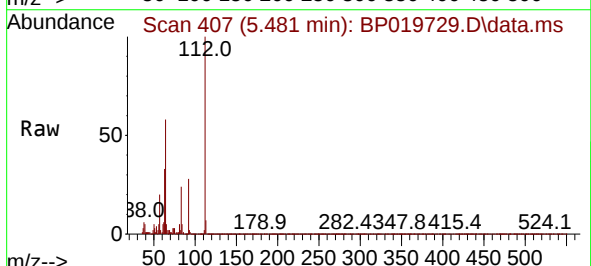
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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#5
2-Fluorophenol
Concen: 29.857 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36

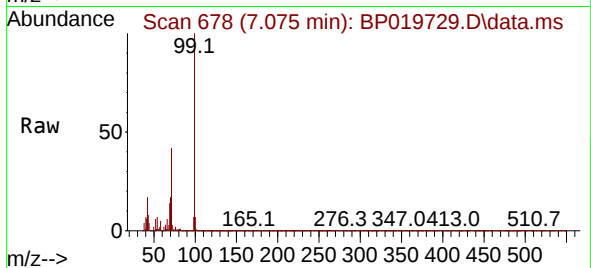
Tgt Ion:112 Resp: 172097
Ion Ratio Lower Upper
112 100
64 58.2 47.4 71.0
63 32.7 27.0 40.6





#7
Phenol-d6
Concen: 28.752 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36

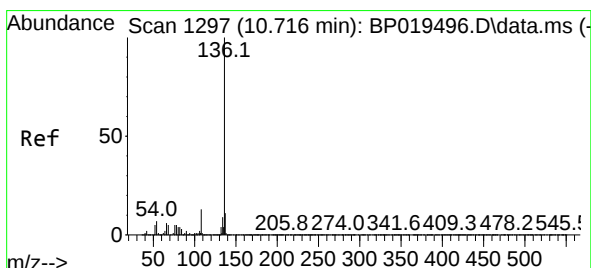
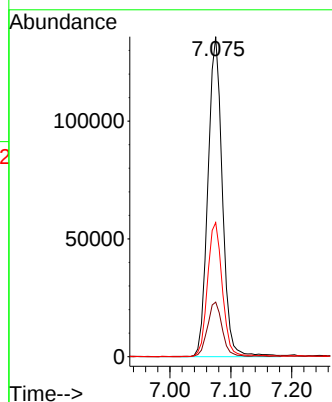
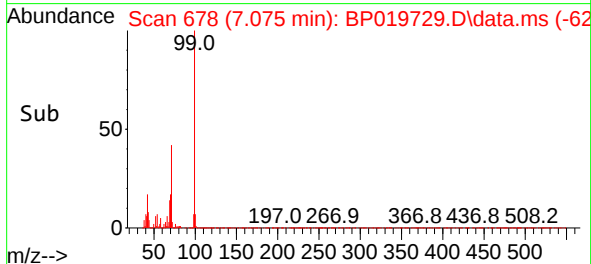
Instrument :
BNA_P
ClientSampleId :
SU-04-021424



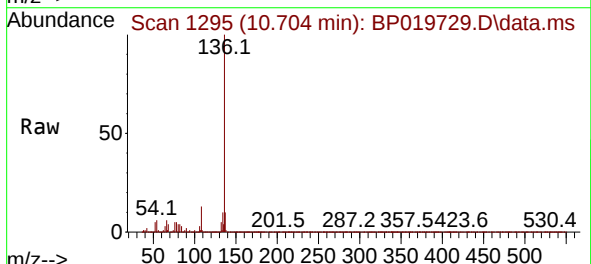
Tgt Ion: 99 Resp: 223468
Ion Ratio Lower Upper
99 100
42 17.1 14.7 22.1
71 41.9 34.8 52.2

Manual Integrations
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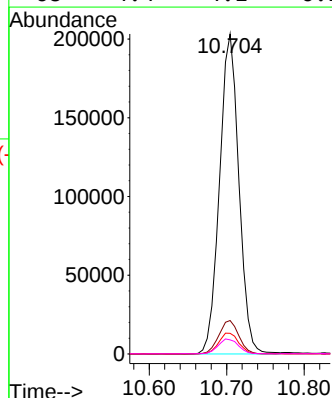
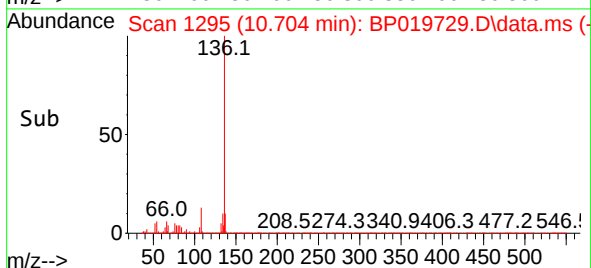
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

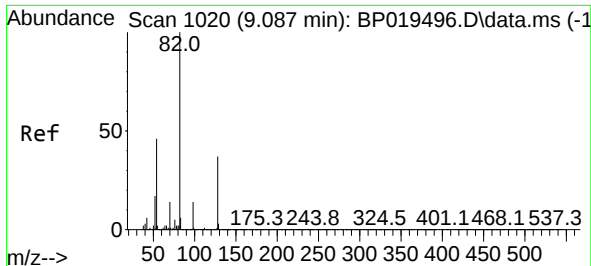


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36



Tgt Ion:136 Resp: 353179
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.5 5.3 7.9
68 4.4 4.1 6.1





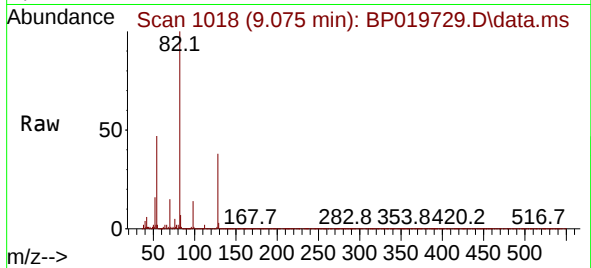
#23
Nitrobenzene-d5
Concen: 18.460 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

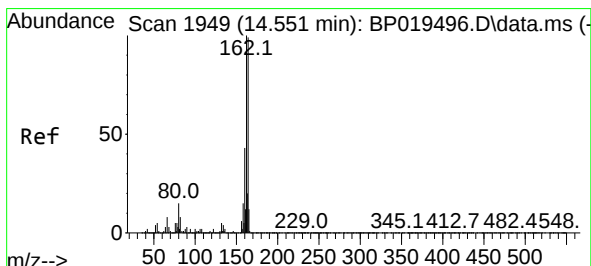
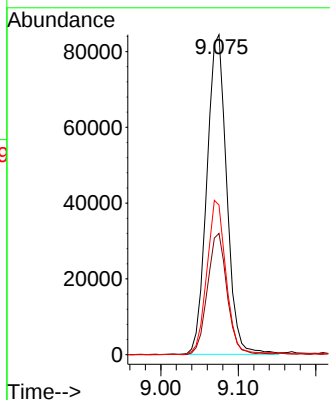
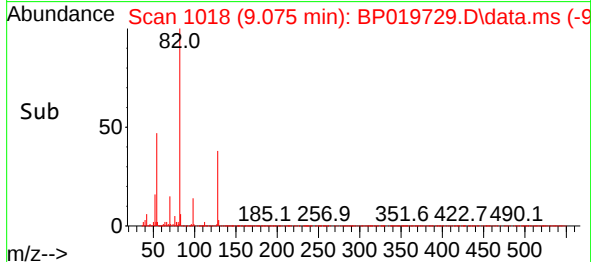
SU-04-021424



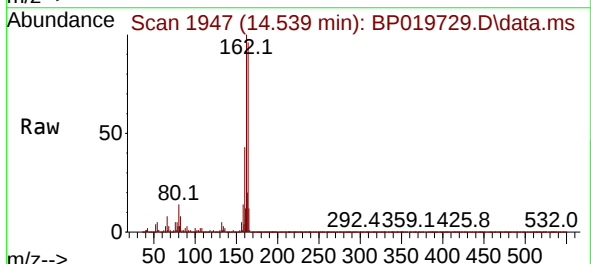
Tgt Ion: 82 Resp: 15046
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 46.8 36.8 55.2

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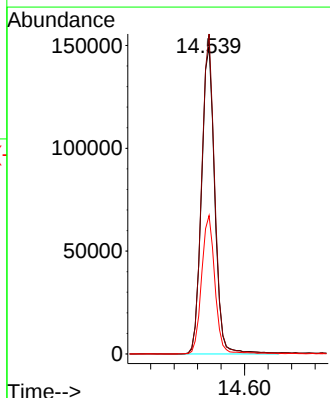
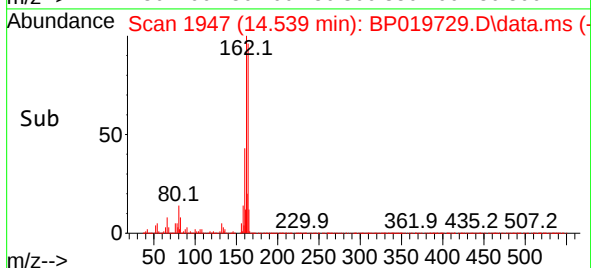
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

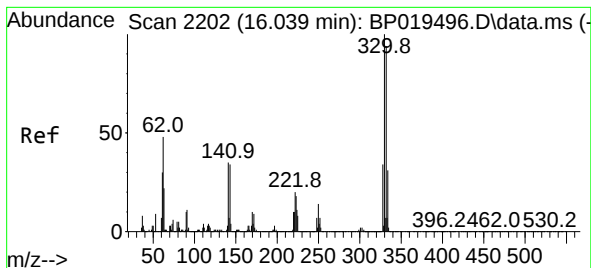


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36



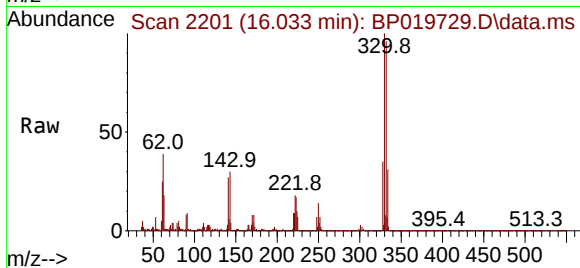
Tgt Ion:164 Resp: 233765
Ion Ratio Lower Upper
164 100
162 104.1 81.2 121.8
160 45.0 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 34.005 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36

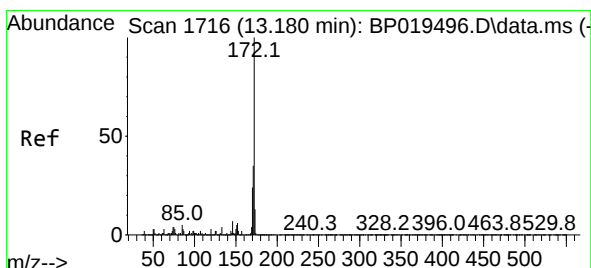
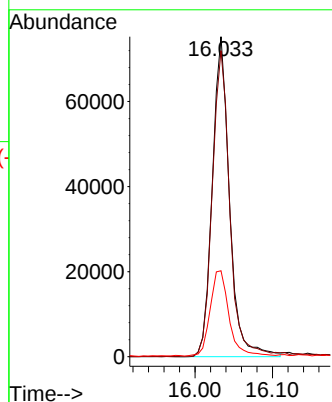
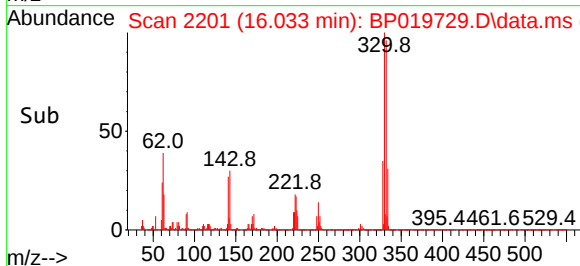
Instrument :
BNA_P
ClientSampleId :
SU-04-021424



Tgt Ion:330 Resp: 116062
Ion Ratio Lower Upper
330 100
332 99.5 77.2 115.8
141 29.2 27.0 40.4

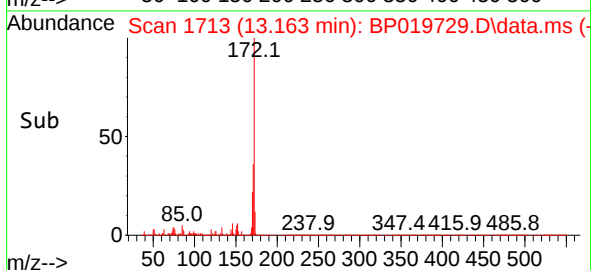
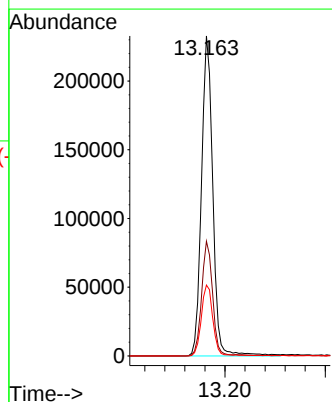
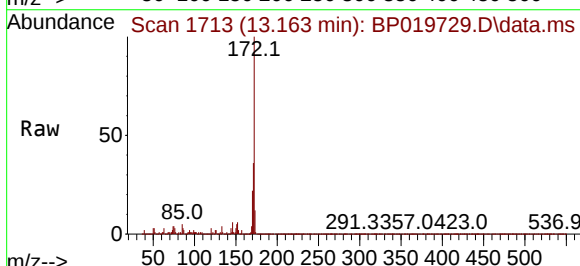
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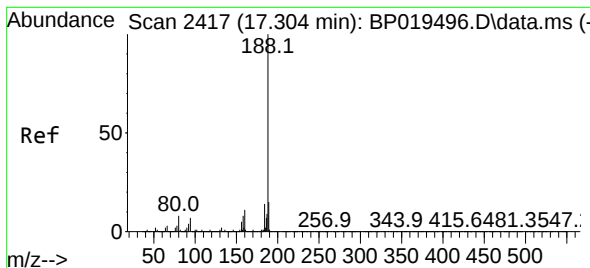
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#45
2-Fluorobiphenyl
Concen: 19.294 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36

Tgt Ion:172 Resp: 364835
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 22.2 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

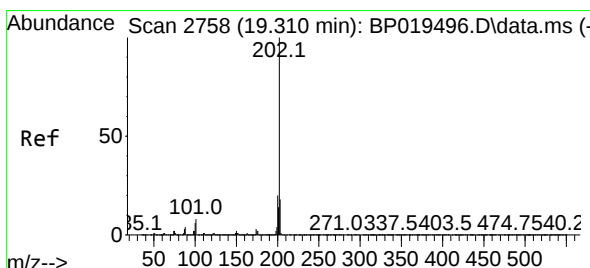
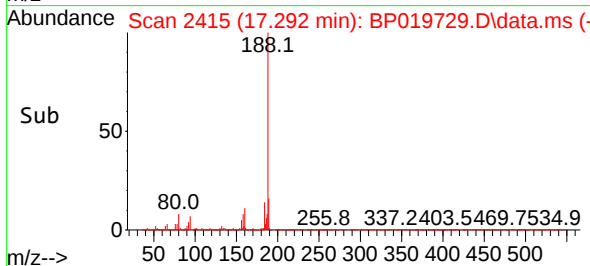
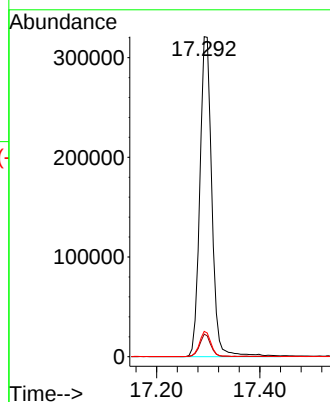
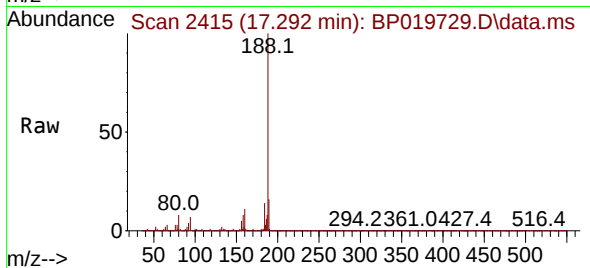
SU-04-021424

Tgt Ion:188 Resp: 51652
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 7.9 6.3 9.5

Manual Integrations

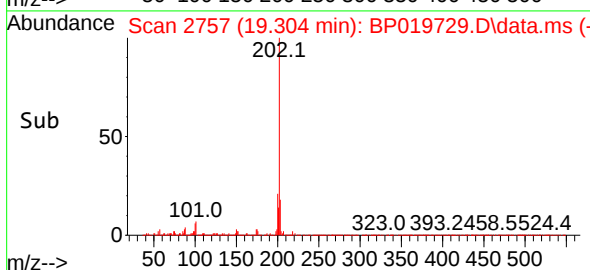
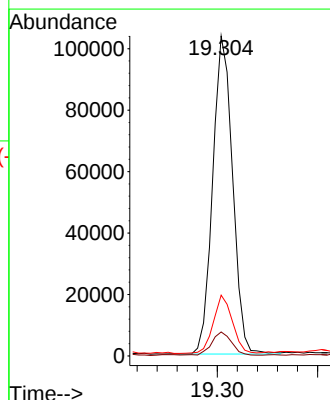
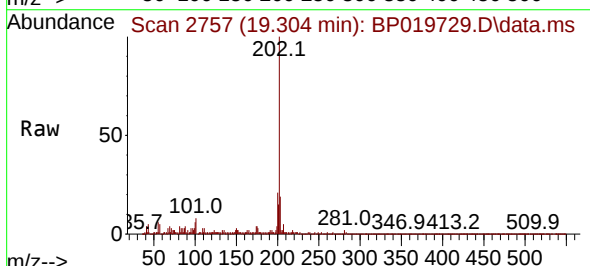
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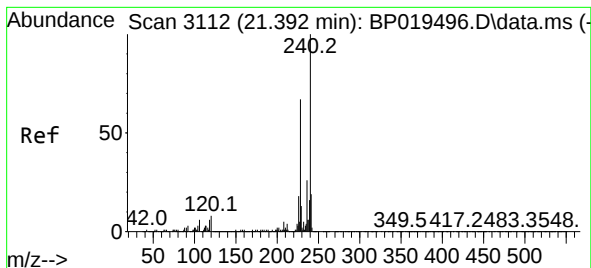
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#75
Fluoranthene
Concen: 4.302 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36

Tgt Ion:202 Resp: 142855
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 19.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019729.D

Acq: 15 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

SU-04-021424

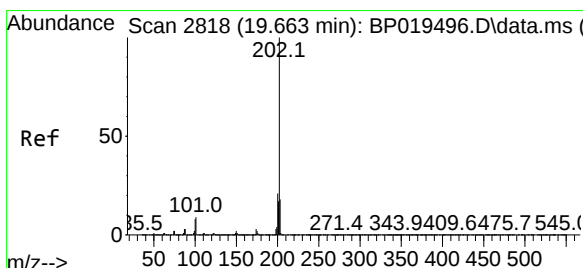
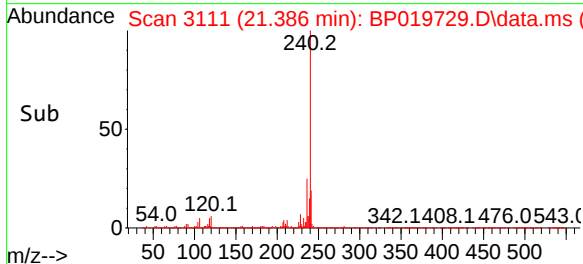
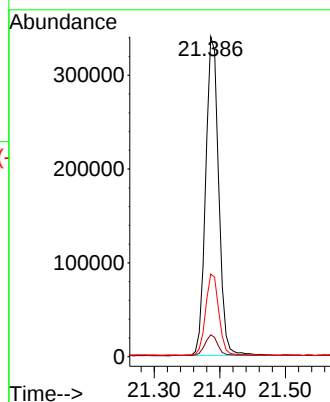
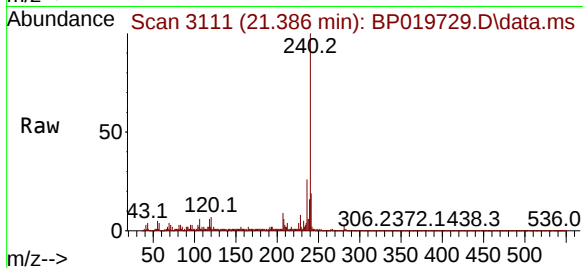
Tgt Ion:240 Resp: 472338
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.1 9.1
 236 25.8 20.7 31.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#78

Pyrene

Concen: 4.430 ng

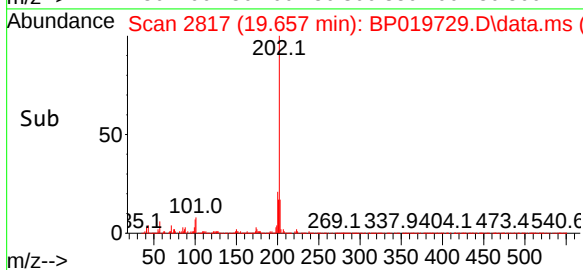
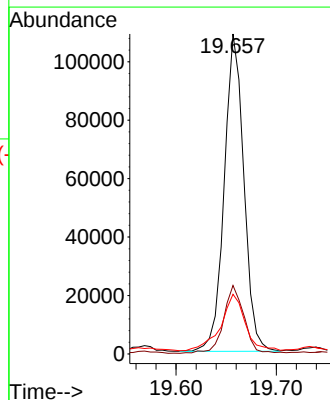
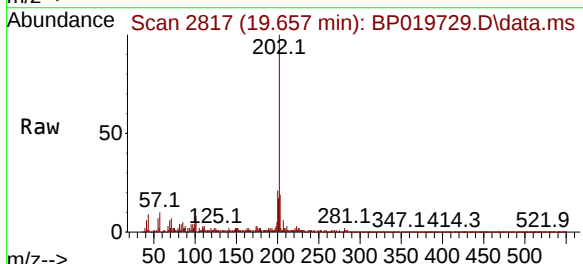
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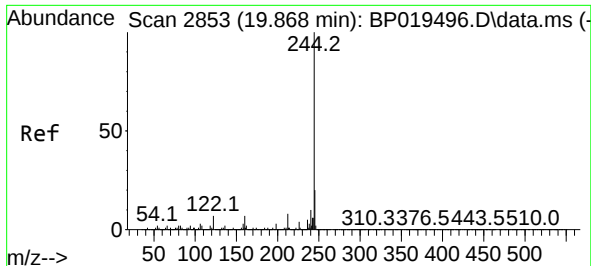
Delta R.T. -0.006 min

Lab File: BP019729.D

Acq: 15 Feb 2024 18:36

Tgt Ion:202 Resp: 147692
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.9 25.3
 203 18.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 20.542 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019729.D
 Acq: 15 Feb 2024 18:36

Instrument :

BNA_P

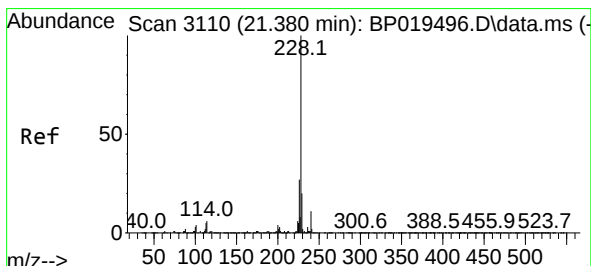
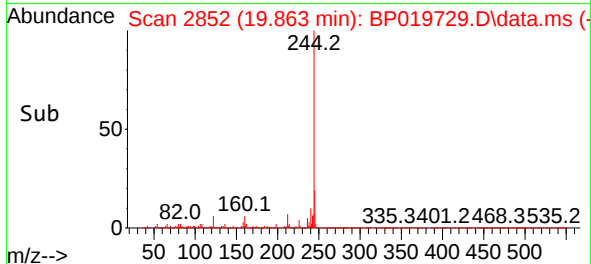
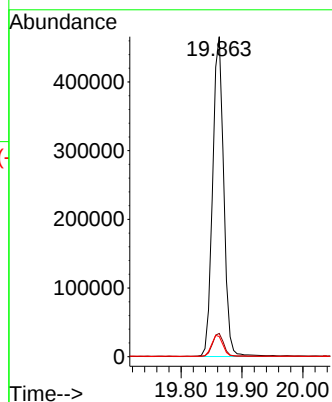
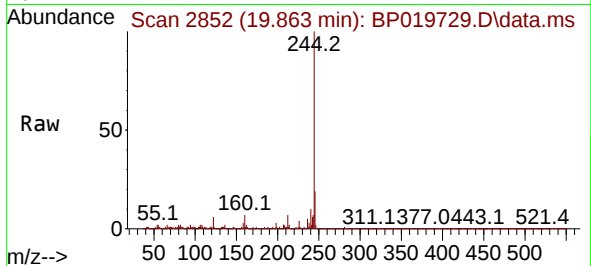
ClientSampleId :

SU-04-021424

Tgt Ion:244 Resp: 589990
 Ion Ratio Lower Upper
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 212 7.3 6.1 9.1
 122 6.3 5.9 8.9

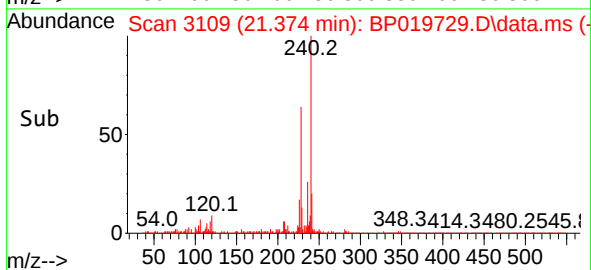
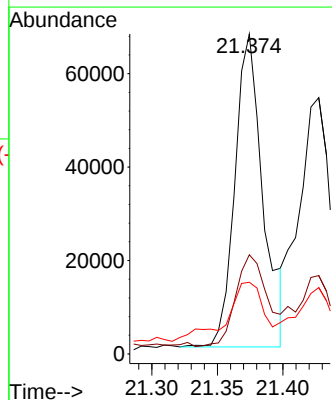
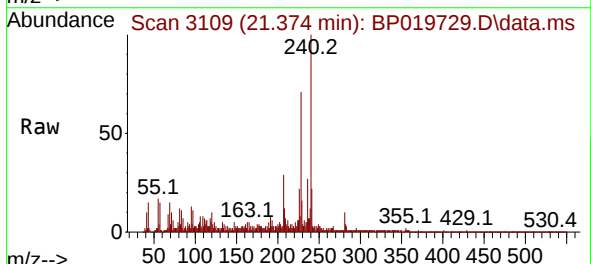
Manual Integrations
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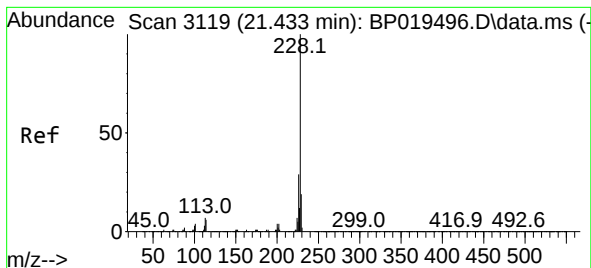
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/17/2024



#81
 Benzo(a)anthracene
 Concen: 2.993 ng
 RT: 21.374 min Scan# 3109
 Delta R.T. -0.006 min
 Lab File: BP019729.D
 Acq: 15 Feb 2024 18:36

Tgt Ion:228 Resp: 99524
 Ion Ratio Lower Upper
 228 100
 226 31.0 21.7 32.5
 229 22.4 15.6 23.4





#83

Chrysene

Concen: 2.875 ng m

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019729.D

Acq: 15 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

SU-04-021424

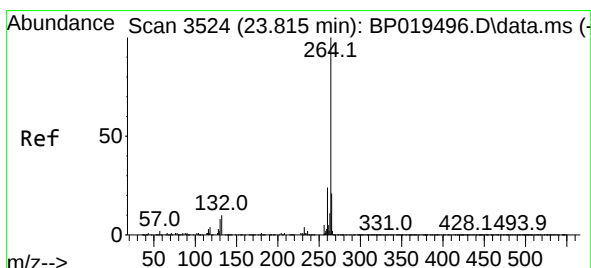
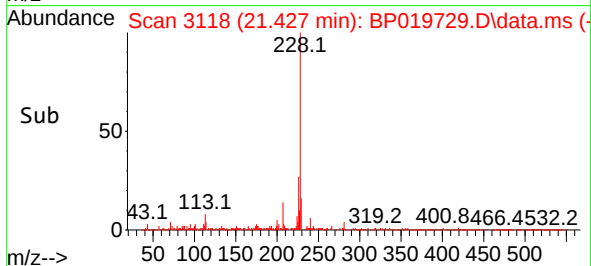
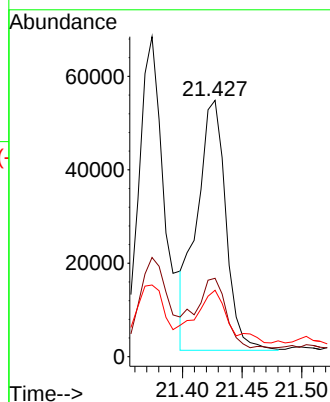
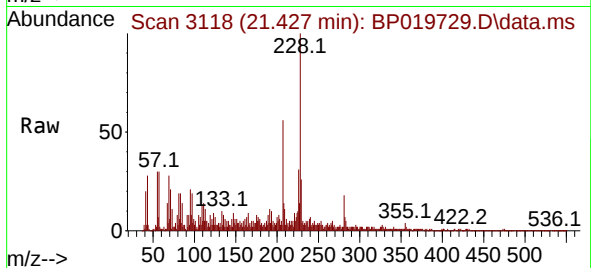
Tgt Ion:	228	Resp:	90762
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.2
229	25.9	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#86

Perylene-d12

Concen: 20.000 ng

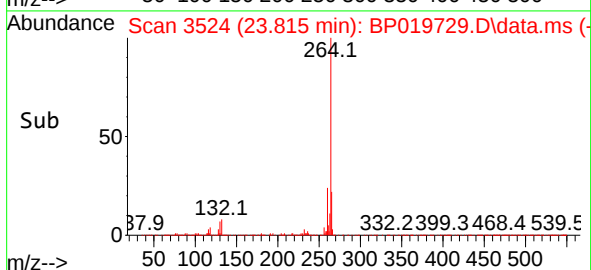
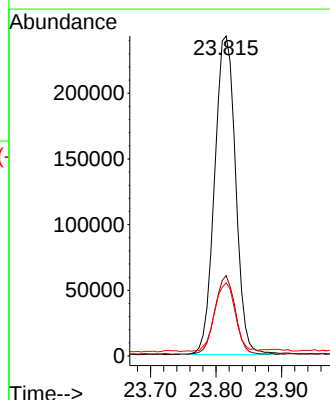
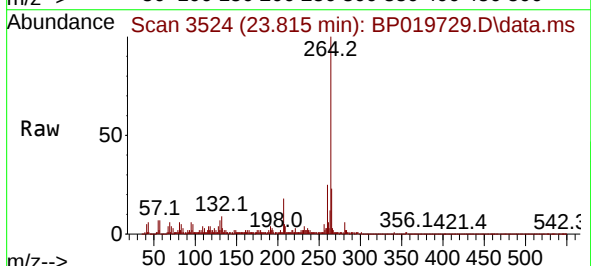
RT: 23.815 min Scan# 3524

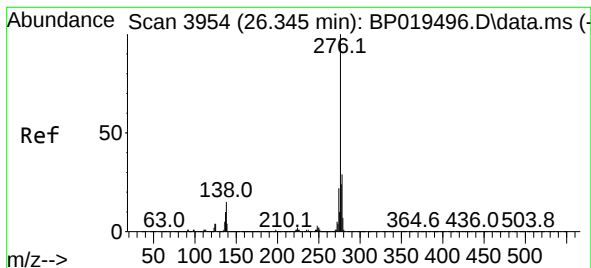
Delta R.T. 0.000 min

Lab File: BP019729.D

Acq: 15 Feb 2024 18:36

Tgt Ion:	264	Resp:	539842
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.2	28.8
265	22.9	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.198 ng

RT: 26.339 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP019729.D

Acq: 15 Feb 2024 18:36

Instrument :

BNA_P

ClientSampleId :

SU-04-021424

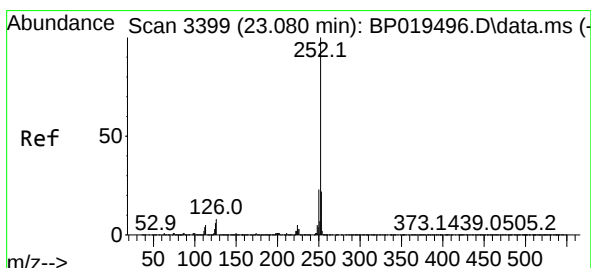
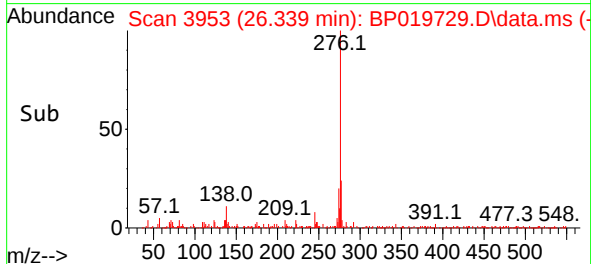
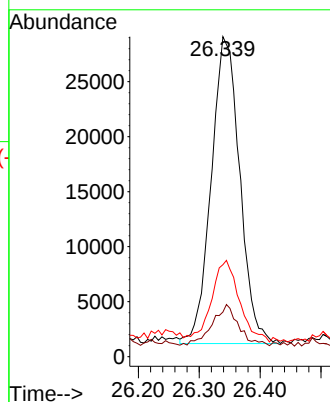
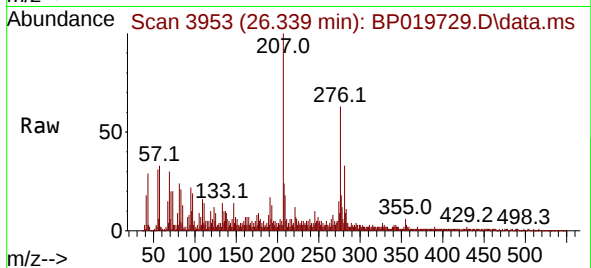
Tgt Ion:	276	Resp:	9083
Ion Ratio	Lower	Upper	
276	100		
138	12.4	13.1	19.7
277	25.7	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#88

Benzo(b)fluoranthene

Concen: 4.344 ng

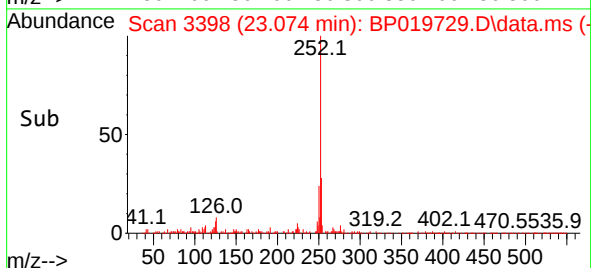
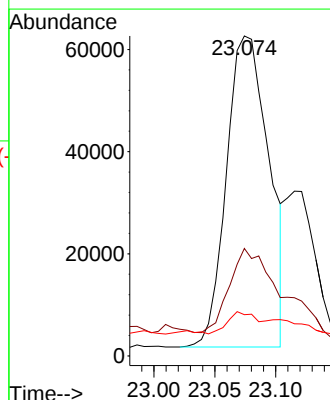
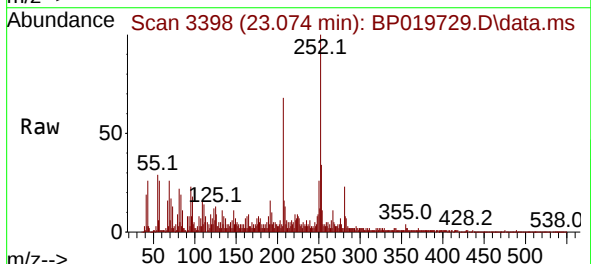
RT: 23.074 min Scan# 3398

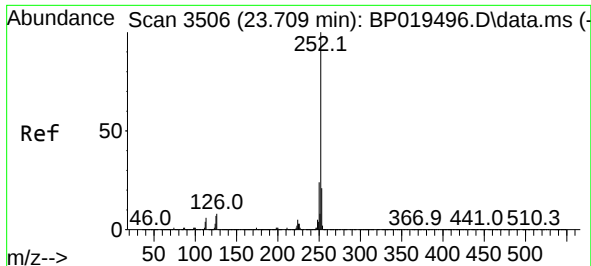
Delta R.T. -0.006 min

Lab File: BP019729.D

Acq: 15 Feb 2024 18:36

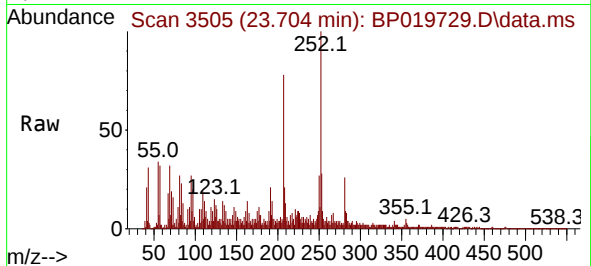
Tgt Ion:	252	Resp:	147808
Ion Ratio	Lower	Upper	
252	100		
253	33.6	17.3	25.9
125	12.9	4.9	7.3





#90
Benzo(a)pyrene
Concen: 3.698 ng
RT: 23.704 min Scan# 3506
Delta R.T. -0.006 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36

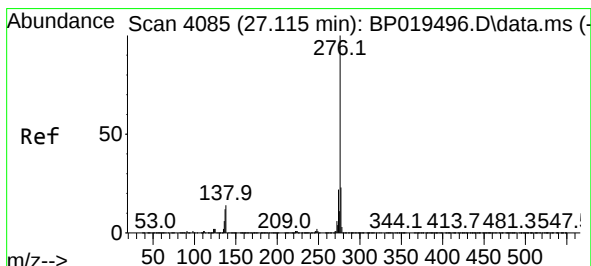
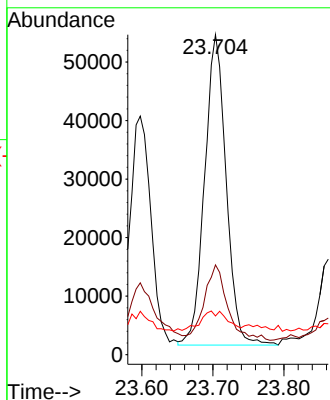
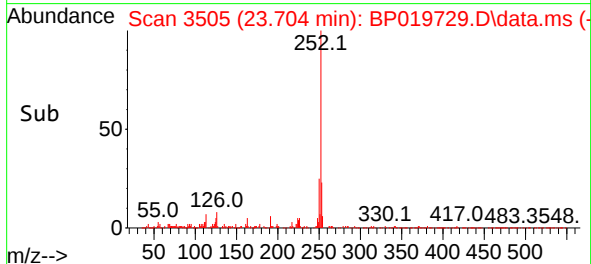
Instrument : BNA_P
ClientSampleId : SU-04-021424



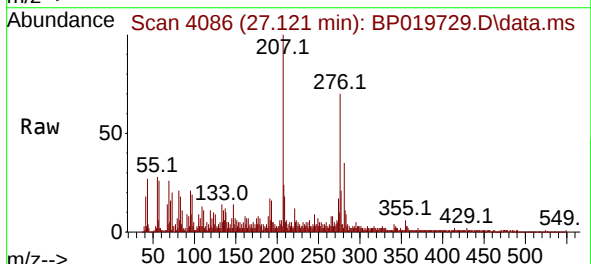
Tgt Ion:252 Resp: 111961
Ion Ratio Lower Upper
252 100
253 28.0 17.1 25.7
125 12.1 5.6 8.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#92
Benzo(g,h,i)perylene
Concen: 2.908 ng
RT: 27.121 min Scan# 4086
Delta R.T. 0.006 min
Lab File: BP019729.D
Acq: 15 Feb 2024 18:36



Tgt Ion:276 Resp: 100261
Ion Ratio Lower Upper
276 100
277 29.9 18.6 28.0
138 14.2 10.9 16.3

