

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019755.D
 Acq On : 16 Feb 2024 20:56
 Operator : MA/JU
 Sample : P1141-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-3-0-2

Quant Time: Feb 19 00:28:53 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/19/2024
 Supervised By :mohammad ahmed 02/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	68490	20.000	ng	-0.02
21) Naphthalene-d8	10.699	136	248757	20.000	ng	-0.02
39) Acenaphthene-d10	14.534	164	157330	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	398153	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	439275	20.000	ng	# 0.00
86) Perylene-d12	23.804	264	502359	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	305852	71.983	ng	-0.02
7) Phenol-d6	7.069	99	406573	70.966	ng	-0.02
23) Nitrobenzene-d5	9.069	82	285658	49.759	ng	-0.02
42) 2,4,6-Tribromophenol	16.028	330	188883	82.226	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	635335	49.922	ng	-0.02
79) Terphenyl-d14	19.857	244	1347947	50.464	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.334	178	74535	3.557	ng	99
75) Fluoranthene	19.304	202	152585	5.961	ng	99
78) Pyrene	19.657	202	153029	4.936	ng	98
81) Benzo(a)anthracene	21.369	228	81662	2.641	ng	97
83) Chrysene	21.422	228	80685m	2.748	ng	
88) Benzo(b)fluoranthene	23.069	252	101565m	3.208	ng	
90) Benzo(a)pyrene	23.698	252	73014	2.592	ng	# 91

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

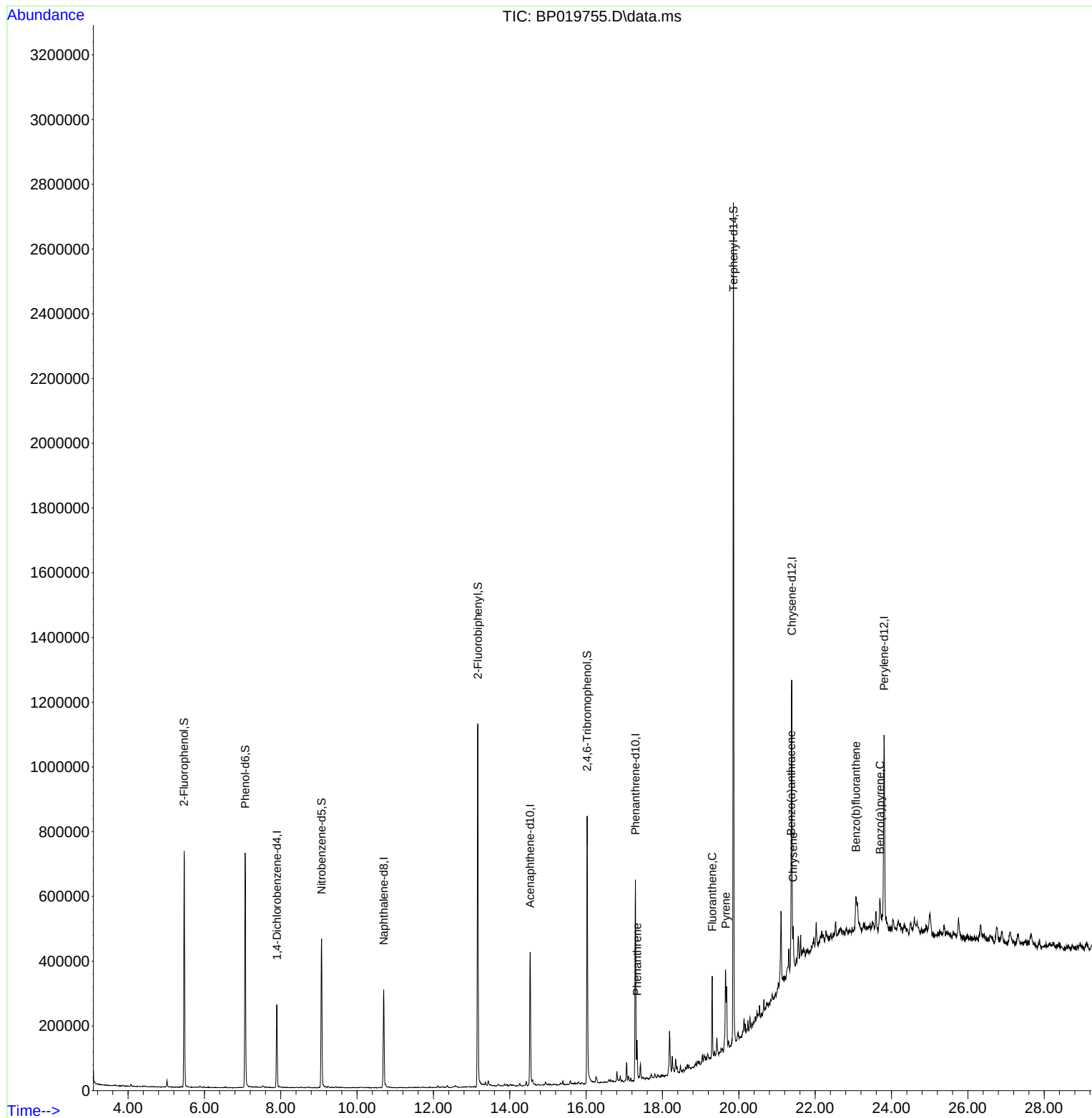
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
Data File : BP019755.D
Acq On : 16 Feb 2024 20:56
Operator : MA/JU
Sample : P1141-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

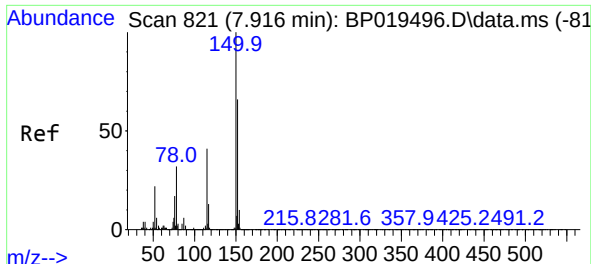
Instrument :
BNA_P
ClientSampleId :
EB-3-0-2

Quant Time: Feb 19 00:28:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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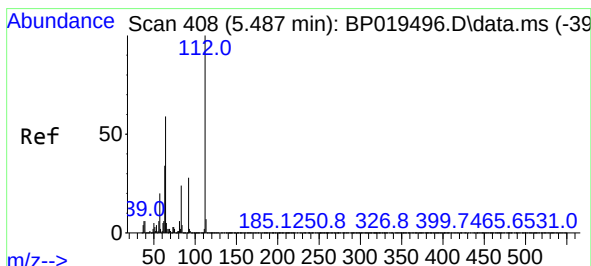
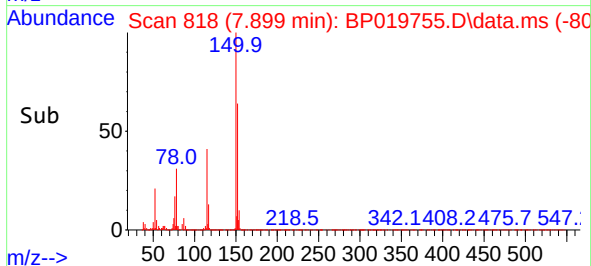
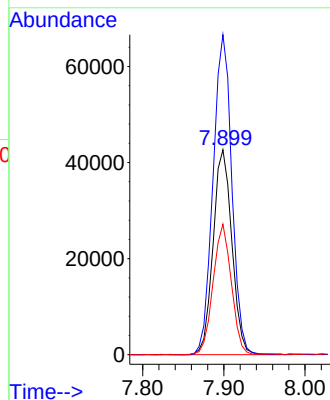
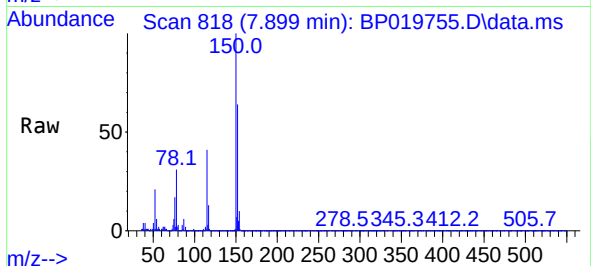
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

Instrument :
BNA_P
ClientSampleId :
EB-3-0-2

Tgt Ion:152 Resp: 68490
Ion Ratio Lower Upper
152 100
150 156.1 121.8 182.8
115 63.7 49.9 74.9

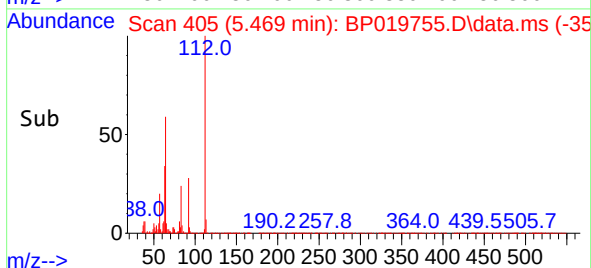
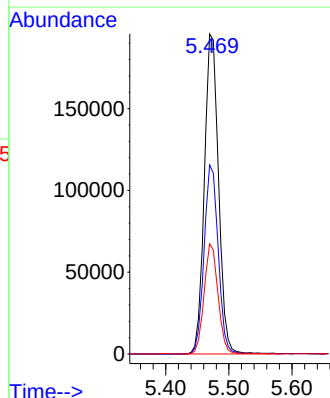
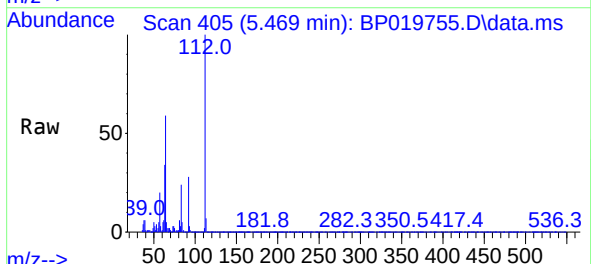
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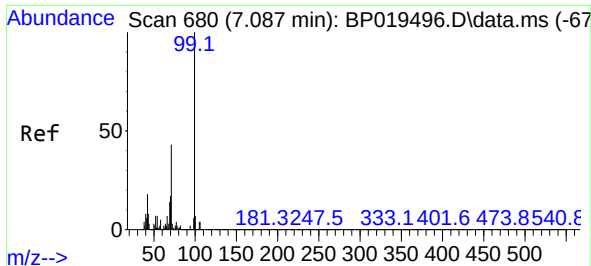
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#5
2-Fluorophenol
Concen: 71.983 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.017 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

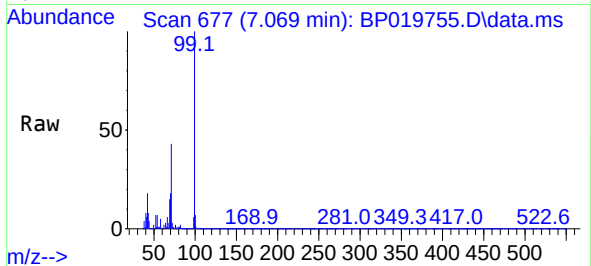
Tgt Ion:112 Resp: 305852
Ion Ratio Lower Upper
112 100
64 59.0 47.4 71.0
63 34.4 27.0 40.6





#7
Phenol-d6
Concen: 70.966 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

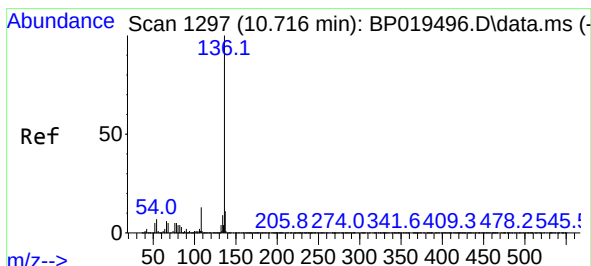
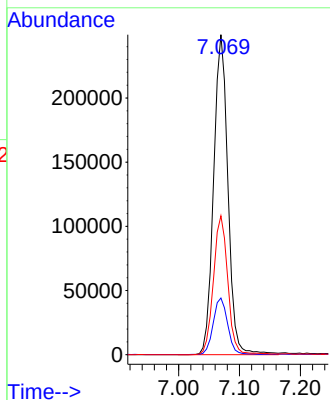
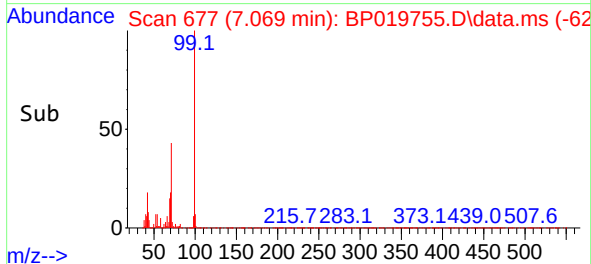
Instrument :
BNA_P
ClientSampleId :
EB-3-0-2



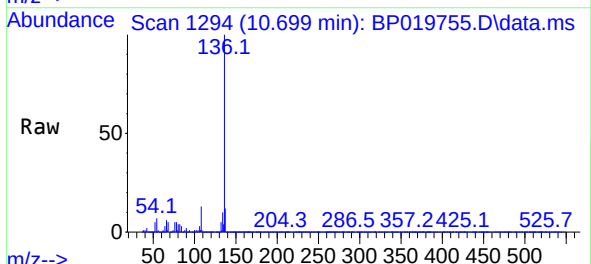
Tgt Ion: 99 Resp: 40657
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 43.4 34.8 52.2

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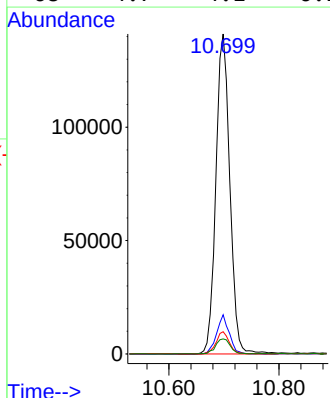
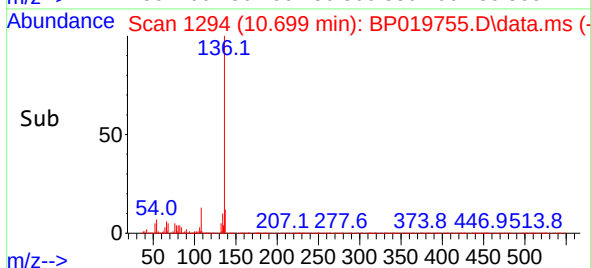
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

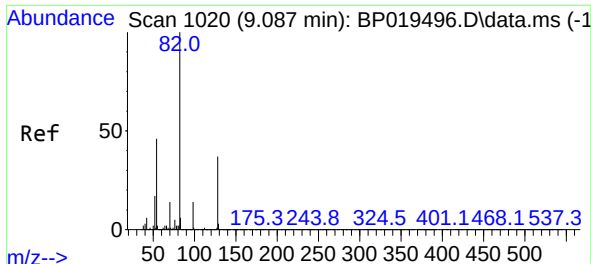


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56



Tgt Ion:136 Resp: 248757
Ion Ratio Lower Upper
136 100
137 12.2 8.8 13.2
54 6.9 5.3 7.9
68 4.7 4.1 6.1





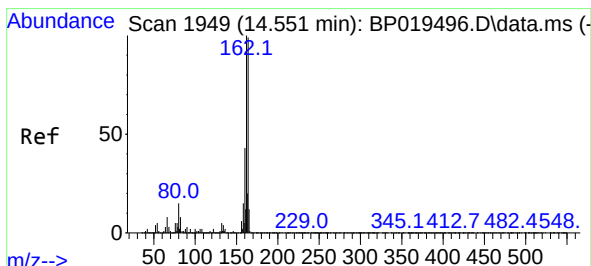
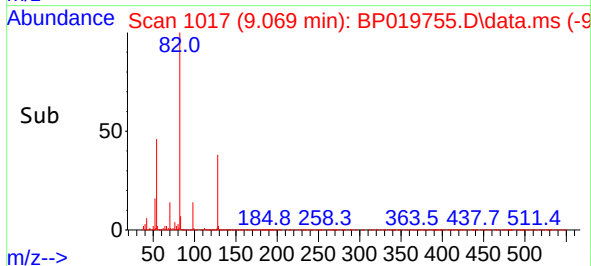
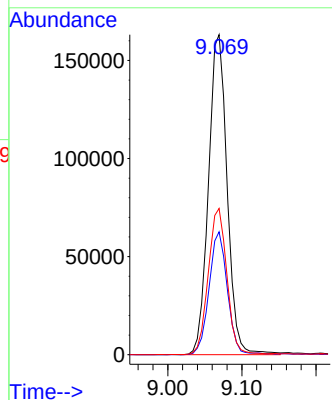
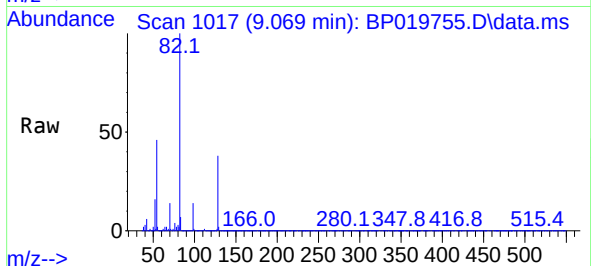
#23
Nitrobenzene-d5
Concen: 49.759 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

Instrument :
BNA_P
ClientSampleId :
EB-3-0-2

Tgt Ion: 82 Resp: 285658
Ion Ratio Lower Upper
82 100
128 38.4 29.7 44.5
54 45.7 36.8 55.2

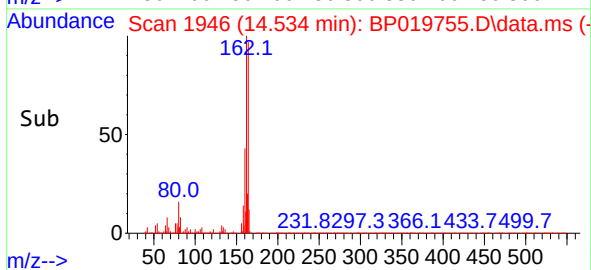
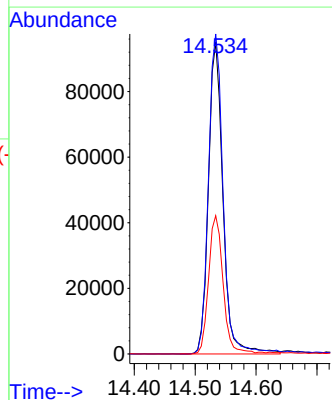
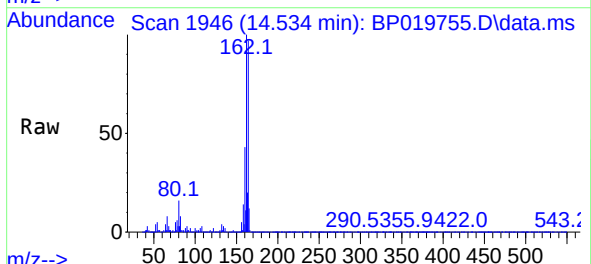
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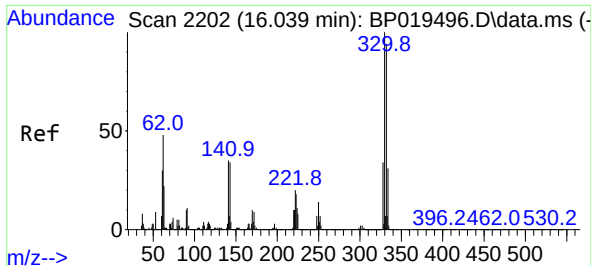
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

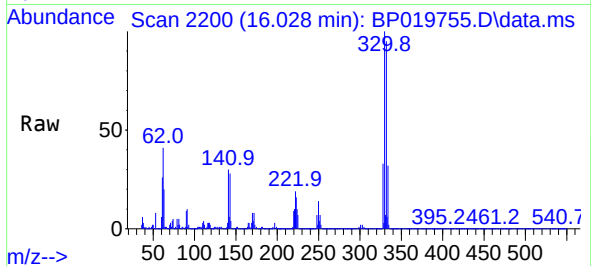
Tgt Ion:164 Resp: 157330
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 44.4 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 82.226 ng
RT: 16.028 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

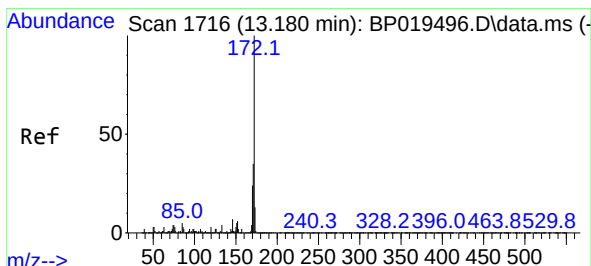
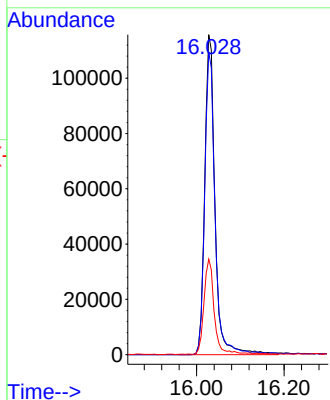
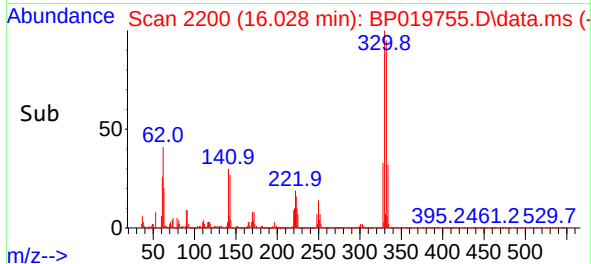
Instrument :
BNA_P
ClientSampleId :
EB-3-0-2



Tgt Ion:330 Resp: 18888
Ion Ratio Lower Upper
330 100
332 95.3 77.2 115.8
141 29.3 27.0 40.4

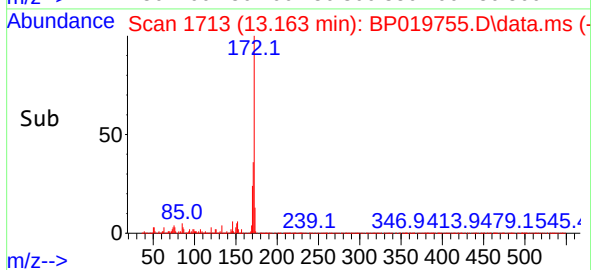
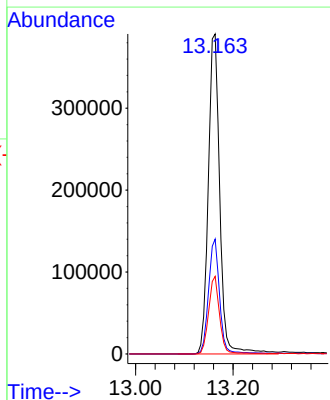
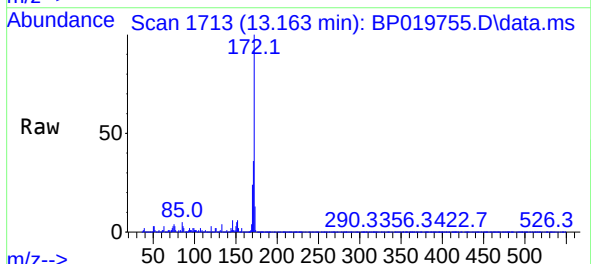
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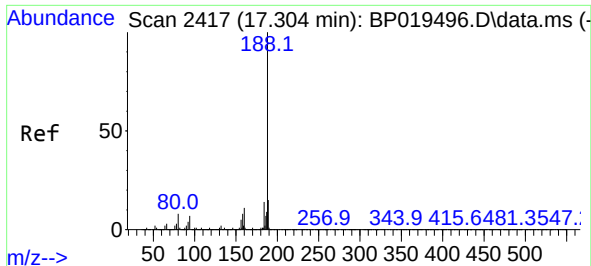
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#45
2-Fluorobiphenyl
Concen: 49.922 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

Tgt Ion:172 Resp: 635335
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 24.3 18.9 28.3





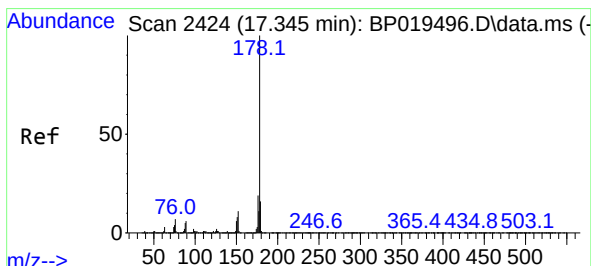
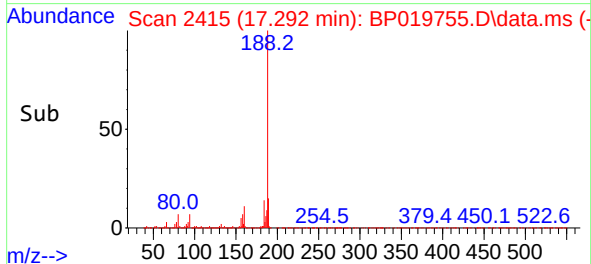
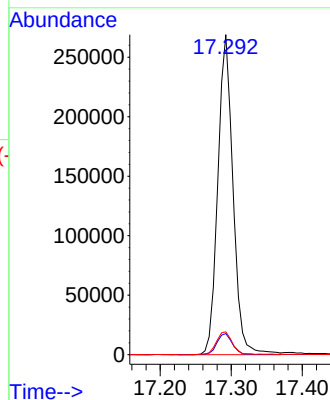
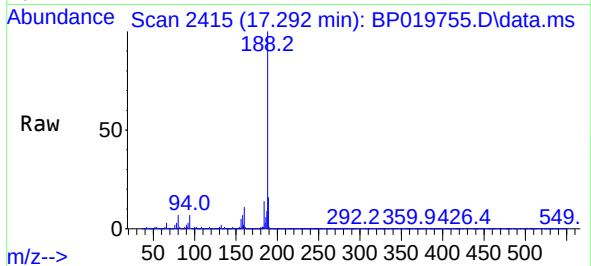
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

Instrument :
BNA_P
ClientSampleId :
EB-3-0-2

Tgt Ion:188 Resp: 39815
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.2
80 7.2 6.3 9.5

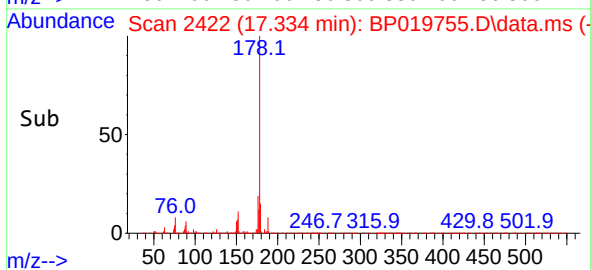
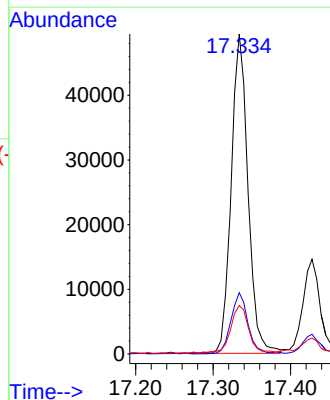
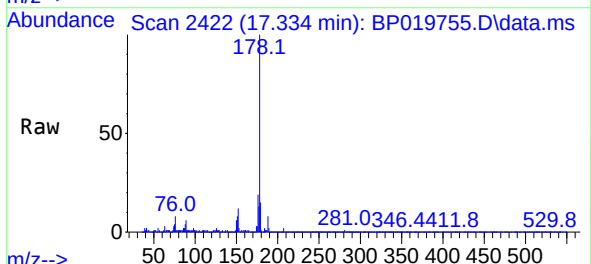
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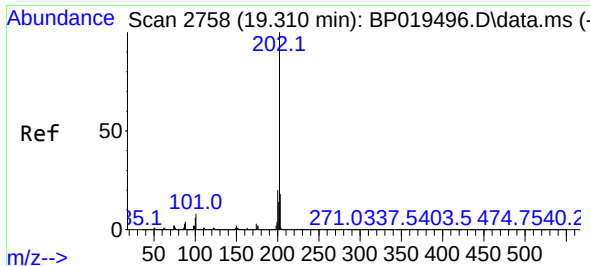
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#71
Phenanthrene
Concen: 3.557 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.011 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

Tgt Ion:178 Resp: 74535
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.1 12.6 19.0





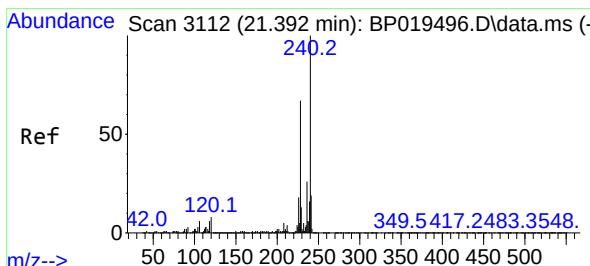
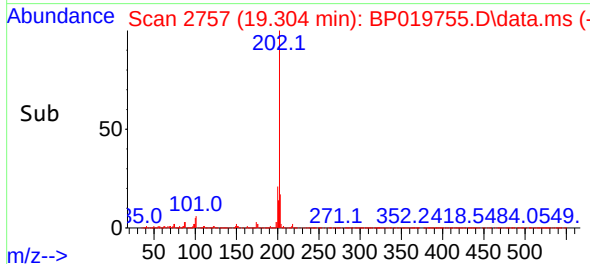
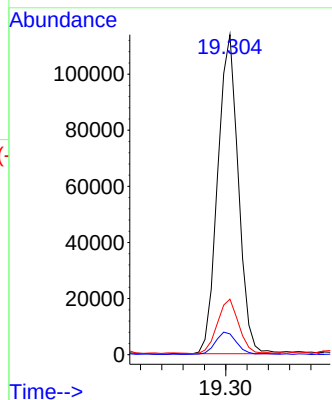
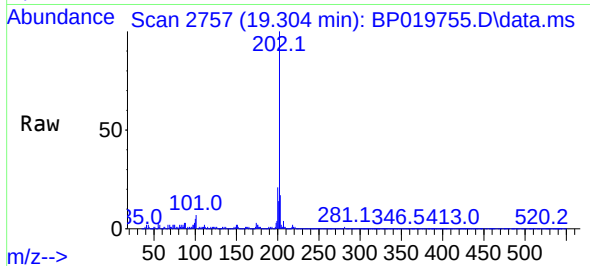
#75
Fluoranthene
Concen: 5.961 ng
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

Instrument :
BNA_P
ClientSampleId :
EB-3-0-2

Tgt Ion:202 Resp: 15258
Ion Ratio Lower Upper
202 100
101 6.5 0.0 27.7
203 17.4 0.0 37.5

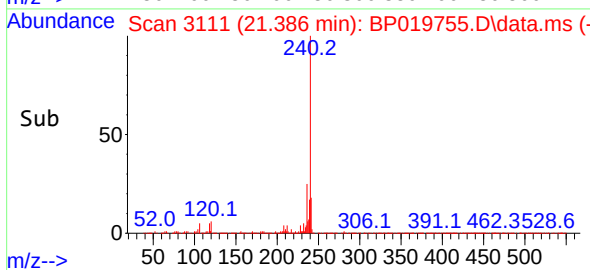
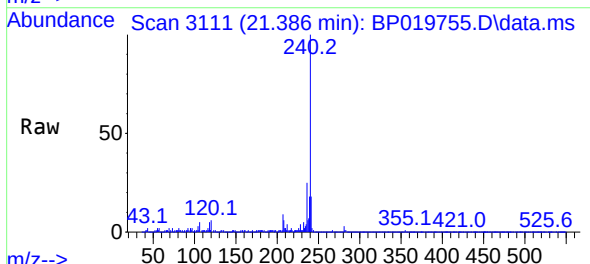
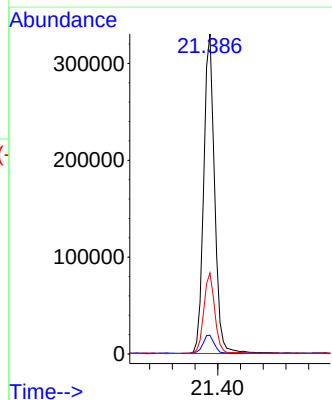
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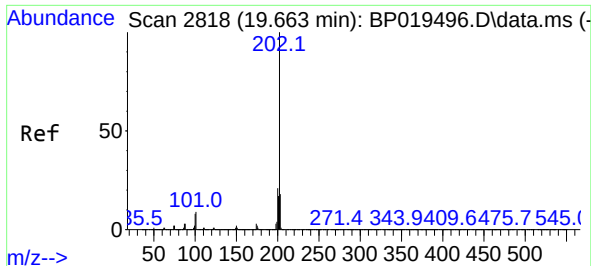
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

Tgt Ion:240 Resp: 439275
Ion Ratio Lower Upper
240 100
120 5.9 6.1 9.1#
236 25.3 20.7 31.1





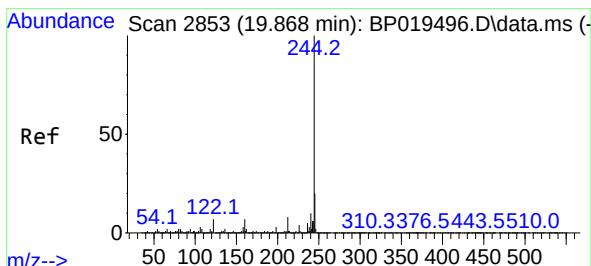
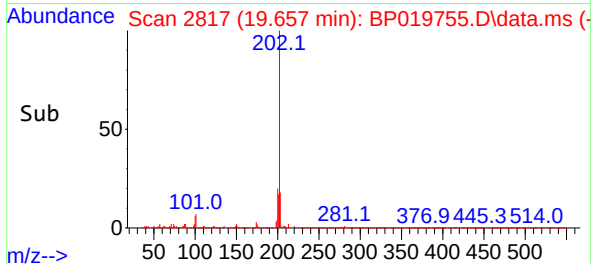
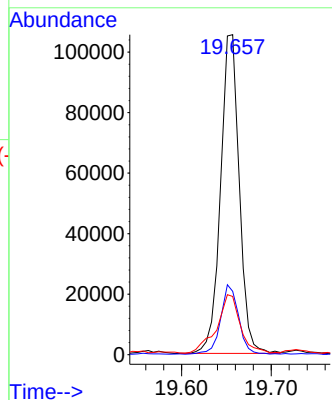
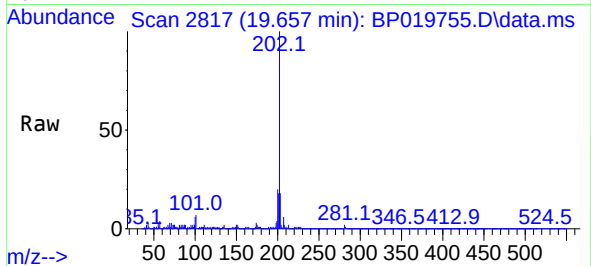
#78
Pyrene
Concen: 4.936 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

Instrument :
BNA_P
ClientSampleId :
EB-3-0-2

Tgt Ion:202 Resp: 153029
Ion Ratio Lower Upper
202 100
200 19.8 16.9 25.3
203 18.2 14.2 21.2

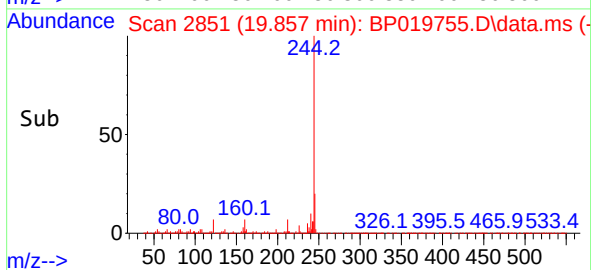
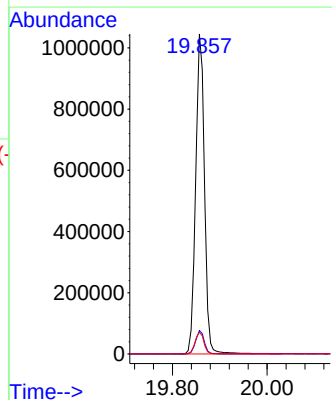
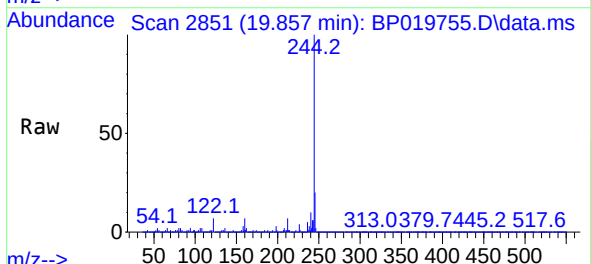
Manual Integrations
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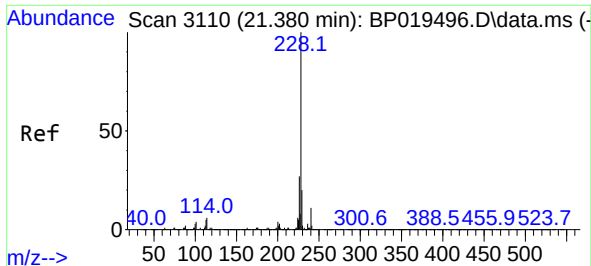
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#79
Terphenyl-d14
Concen: 50.464 ng
RT: 19.857 min Scan# 2851
Delta R.T. -0.011 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

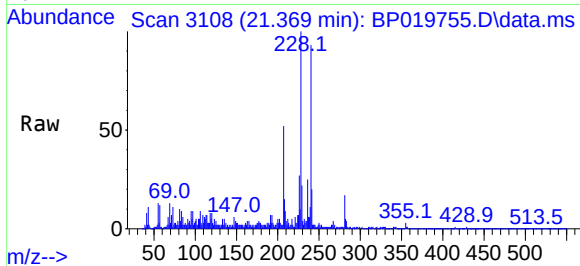
Tgt Ion:244 Resp: 1347947
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 6.8 5.9 8.9





#81
Benzo(a)anthracene
Concen: 2.641 ng
RT: 21.369 min Scan# 3110
Delta R.T. -0.011 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

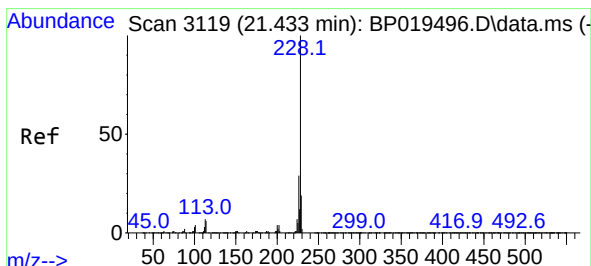
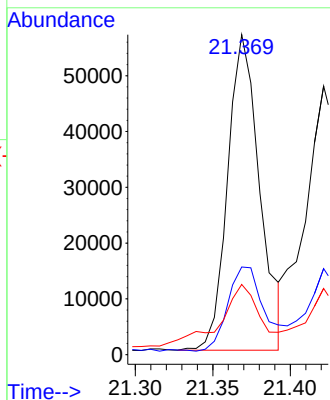
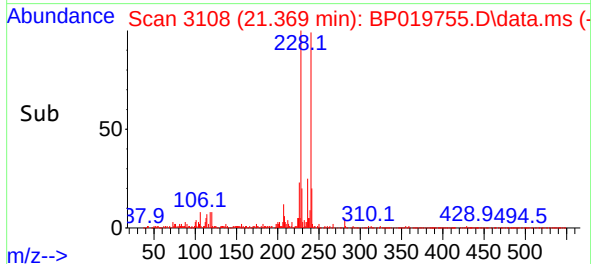
Instrument :
BNA_P
ClientSampleId :
EB-3-0-2



Tgt Ion:228 Resp: 81662
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 21.9 15.6 23.4

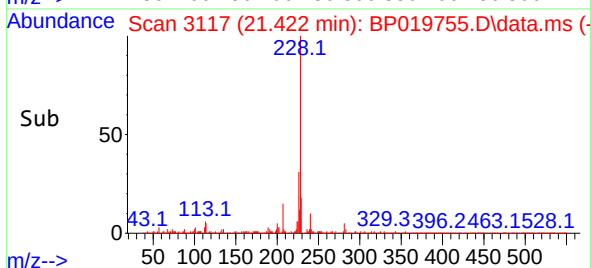
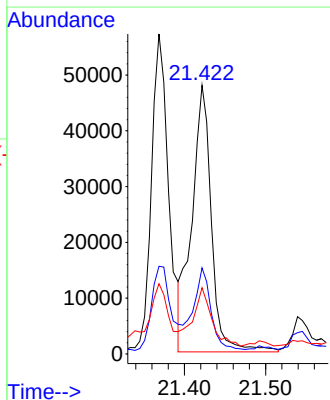
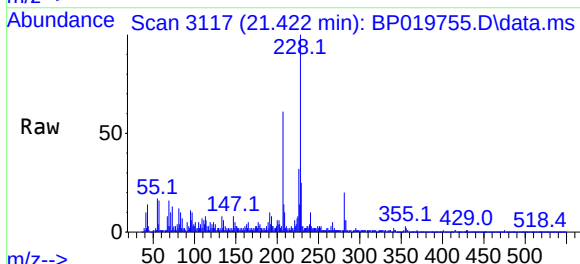
Manual Integrations
APPROVED

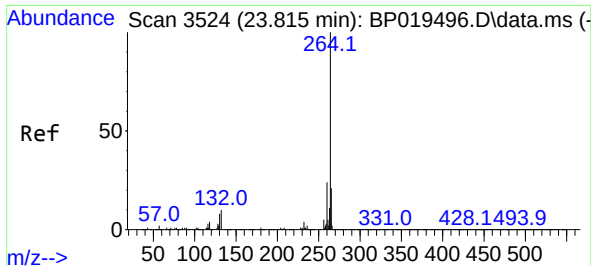
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#83
Chrysene
Concen: 2.748 ng m
RT: 21.422 min Scan# 3117
Delta R.T. -0.011 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

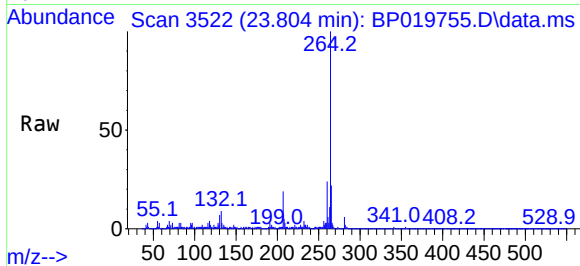
Tgt Ion:228 Resp: 80685
Ion Ratio Lower Upper
228 100
226 32.0 23.4 35.2
229 24.7 15.6 23.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.804 min Scan# 3524
Delta R.T. -0.011 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

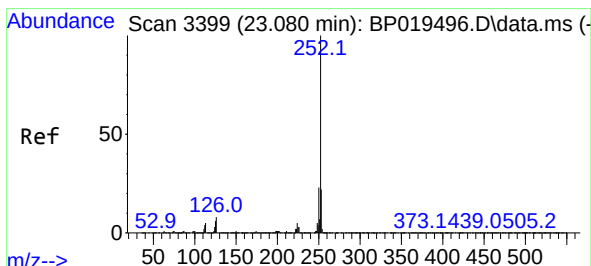
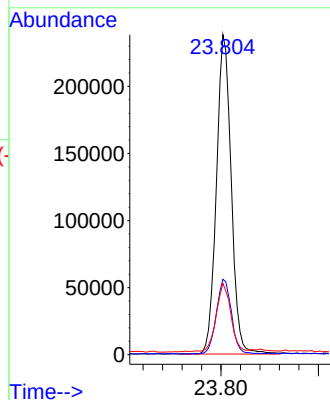
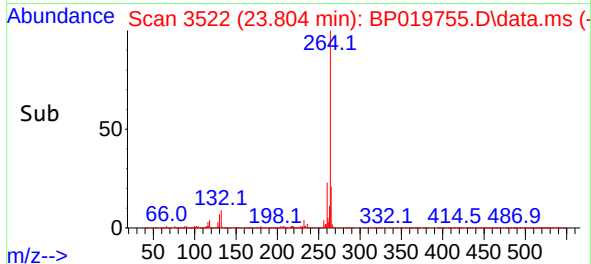
Instrument :
BNA_P
ClientSampleId :
EB-3-0-2



Tgt Ion:264 Resp: 502359
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.2 17.0 25.4

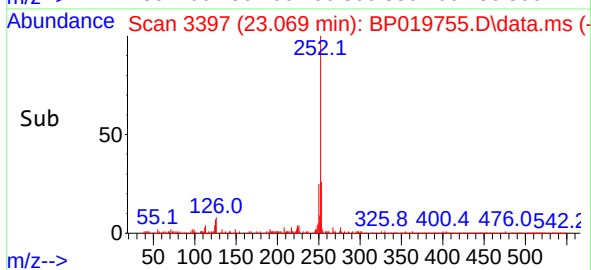
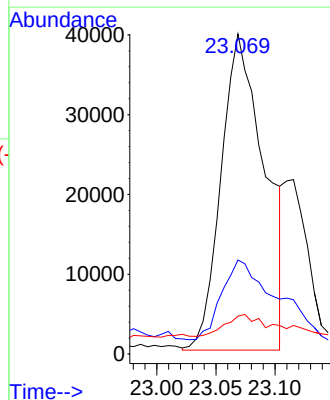
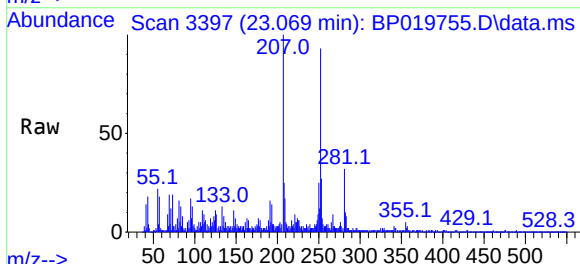
Manual Integrations
APPROVED

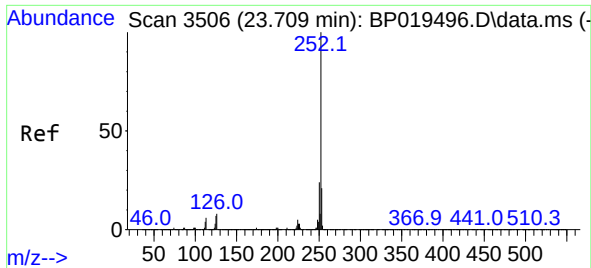
Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024



#88
Benzo(b)fluoranthene
Concen: 3.208 ng m
RT: 23.069 min Scan# 3397
Delta R.T. -0.011 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

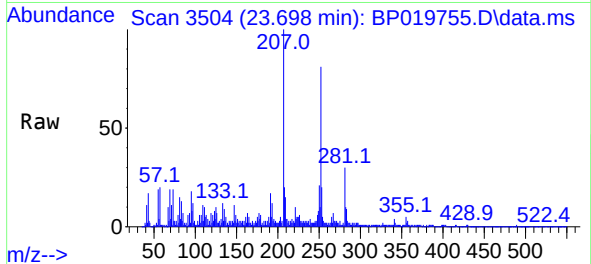
Tgt Ion:252 Resp: 101565
Ion Ratio Lower Upper
252 100
253 29.4 17.3 25.9#
125 11.8 4.9 7.3#





#90
Benzo(a)pyrene
Concen: 2.592 ng
RT: 23.698 min Scan# 30
Delta R.T. -0.011 min
Lab File: BP019755.D
Acq: 16 Feb 2024 20:56

Instrument :
BNA_P
ClientSampleId :
EB-3-0-2



Tgt Ion:252 Resp: 73014
Ion Ratio Lower Upper
252 100
253 25.0 17.1 25.7
125 12.2 5.6 8.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/19/2024
Supervised By :mohammad ahmed 02/19/2024

