

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019712.D
 Acq On : 14 Feb 2024 21:10
 Operator : MA/JU
 Sample : P1425-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-222

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 14 23:28:54 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	7.905	152	81902	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	306010	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	199240	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	437178	20.000	ng	0.00
76) Chrysene-d12	21.392	240	424192	20.000	ng	0.00
86) Perylene-d12	23.816	264	500462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	402291	79.175	ng	0.00
7) Phenol-d6	7.081	99	535616	78.180	ng	0.00
23) Nitrobenzene-d5	9.075	82	360036	50.982	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	291212	100.106	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	866791	53.782	ng	-0.01
79) Terphenyl-d14	19.863	244	1431498	55.498	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.263	152	83428	4.555	ng	98
71) Phenanthrene	17.339	178	74033	3.218	ng	98
72) Anthracene	17.434	178	77177	3.363	ng	97
75) Fluoranthene	19.310	202	191294	6.806	ng	98
78) Pyrene	19.657	202	269310	8.996	ng	99
81) Benzo(a)anthracene	21.375	228	147111	4.927	ng	# 83
83) Chrysene	21.427	228	177376m	6.257	ng	
84) Bis(2-ethylhexyl)phtha...	21.310	149	62707	3.683	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.351	276	142966	3.732	ng	97
88) Benzo(b)fluoranthene	23.074	252	243747	7.728	ng	# 81
89) Benzo(k)fluoranthene	23.116	252	77920m	2.586	ng	
90) Benzo(a)pyrene	23.710	252	198292	7.065	ng	# 86
92) Benzo(g,h,i)perylene	27.133	276	163408	5.112	ng	95

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

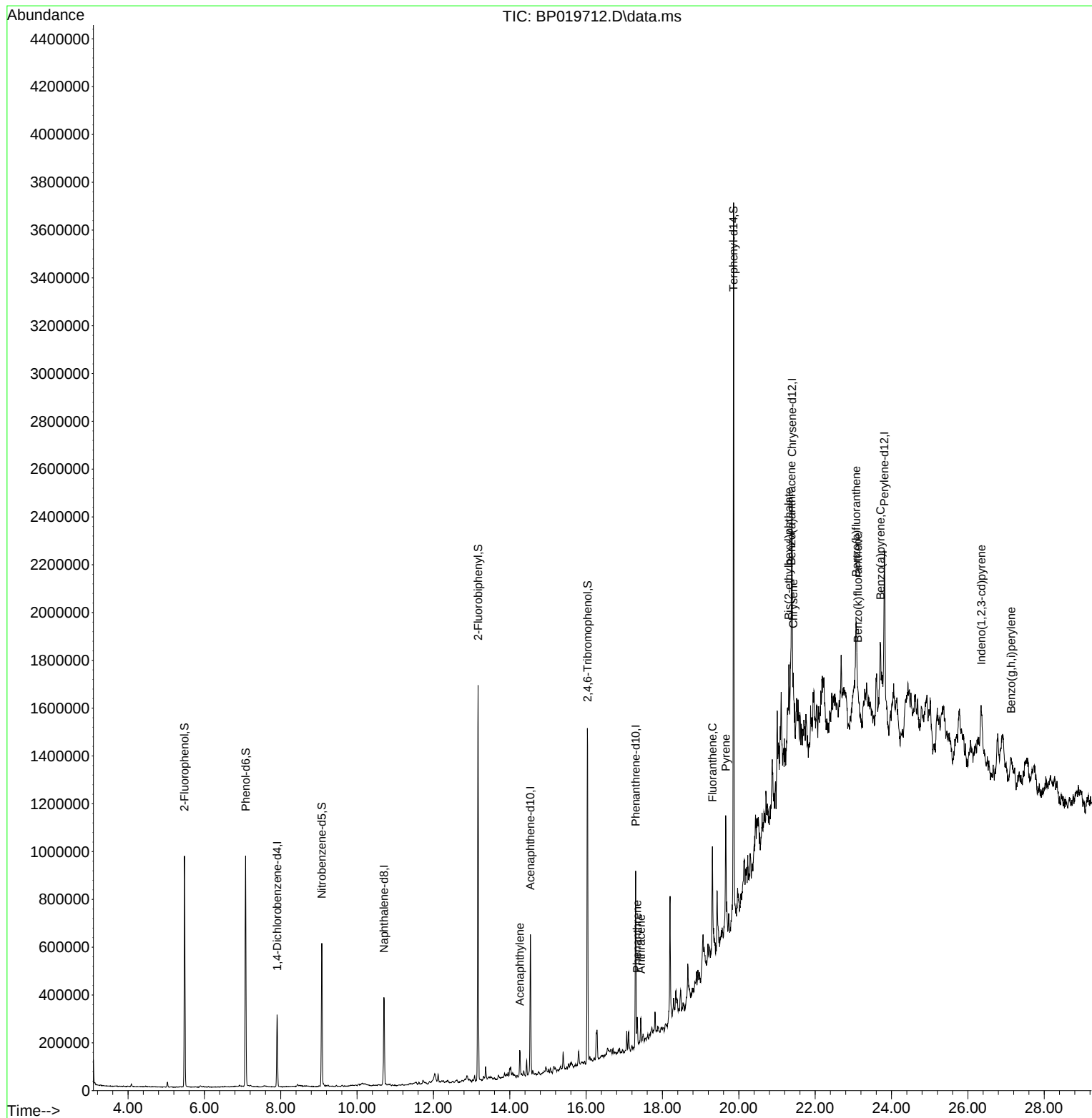
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
Data File : BP019712.D
Acq On : 14 Feb 2024 21:10
Operator : MA/JU
Sample : P1425-04
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ALS Vial : 21 Sample Multiplier: 1

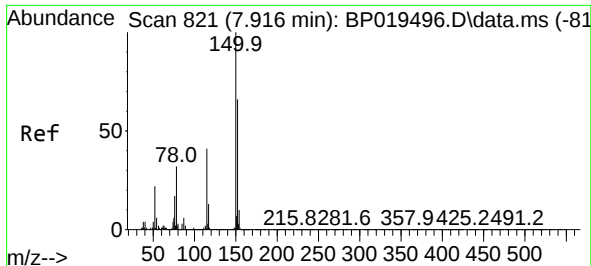
Instrument :
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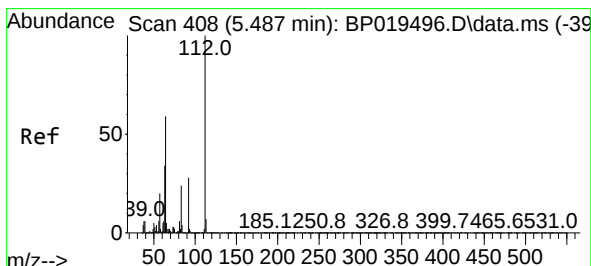
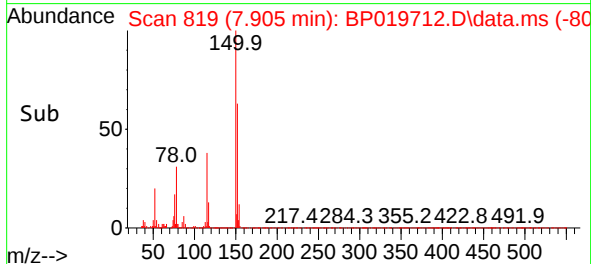
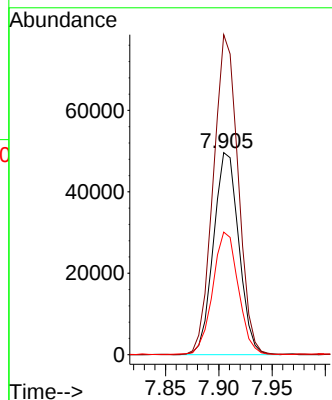
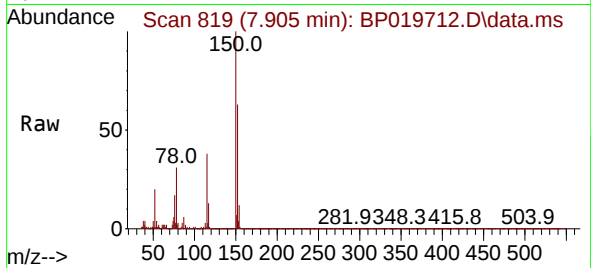
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.011 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:152 Resp: 81902
Ion Ratio Lower Upper
152 100
150 158.3 121.8 182.8
115 60.6 49.9 74.9

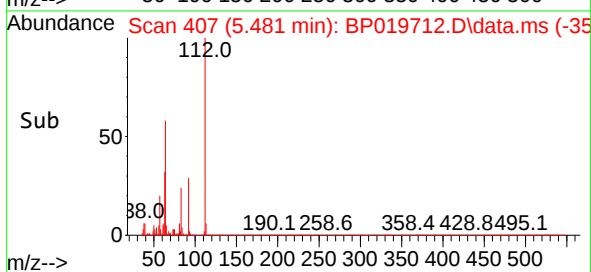
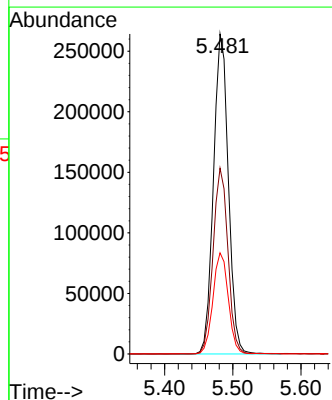
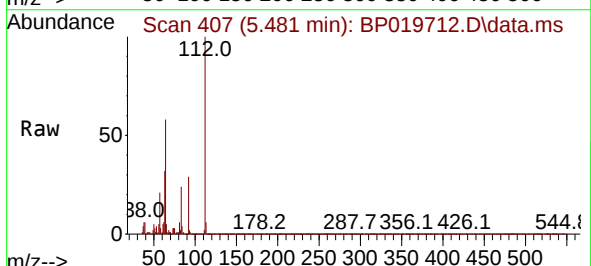
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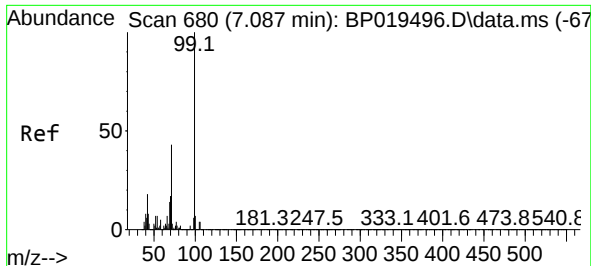
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#5
2-Fluorophenol
Concen: 79.175 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10

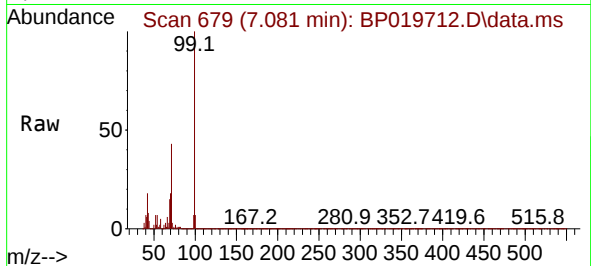
Tgt Ion:112 Resp: 402291
Ion Ratio Lower Upper
112 100
64 58.0 47.4 71.0
63 31.6 27.0 40.6





#7
Phenol-d6
Concen: 78.180 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10

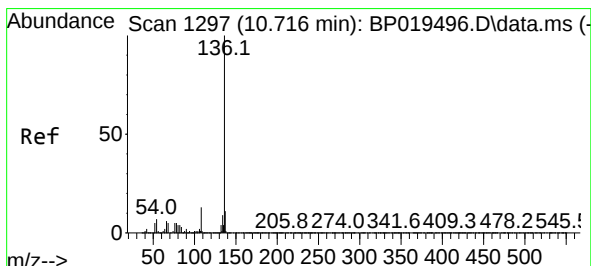
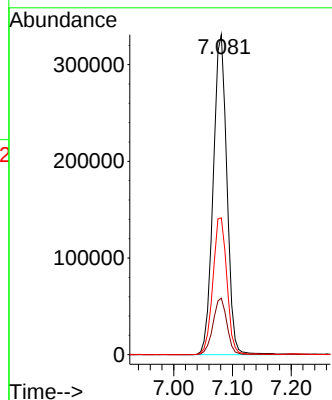
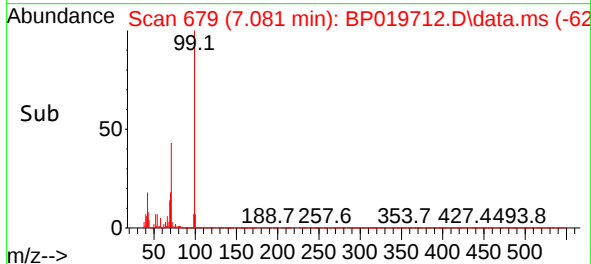
Instrument :
BNA_P
ClientSampleId :
VNJ-222



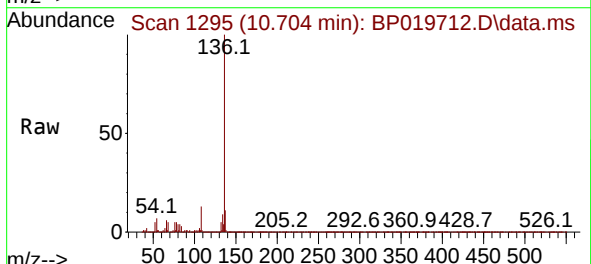
Tgt Ion: 99 Resp: 535610
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 42.7 34.8 52.2

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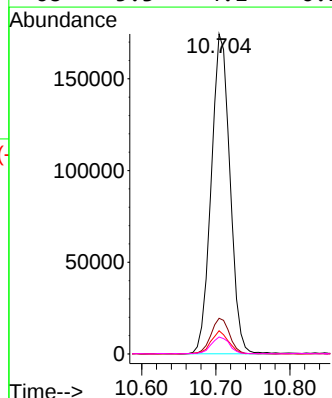
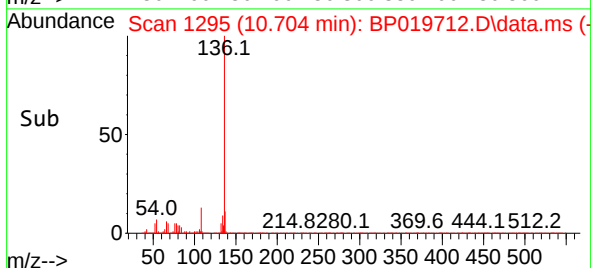
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

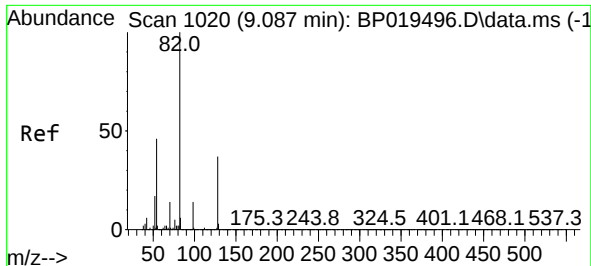


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10



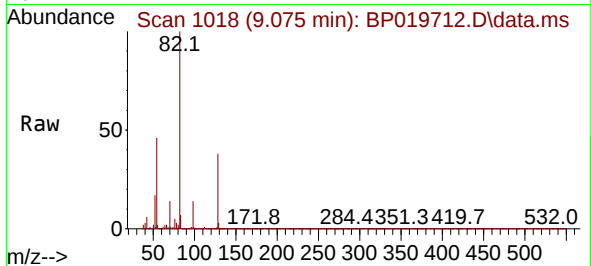
Tgt Ion:136 Resp: 306010
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.3 5.3 7.9
68 5.3 4.1 6.1





#23
Nitrobenzene-d5
Concen: 50.982 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10

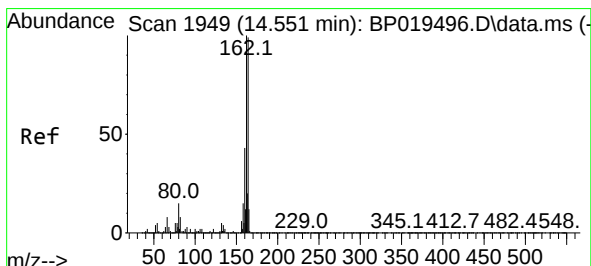
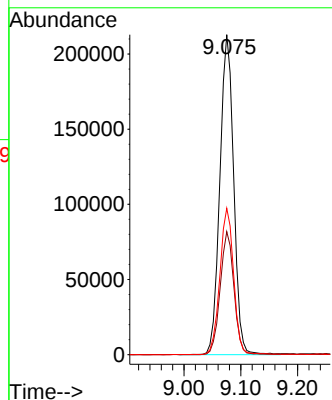
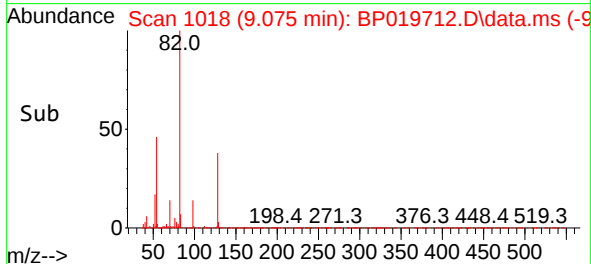
Instrument :
BNA_P
ClientSampleId :
VNJ-222



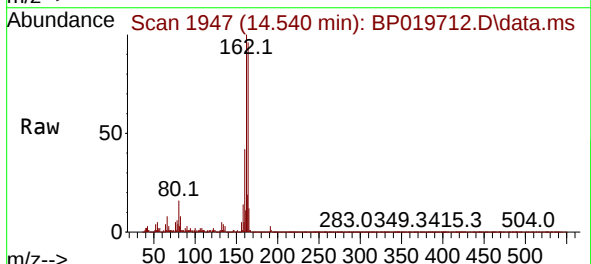
Tgt Ion: 82 Resp: 360030
Ion Ratio Lower Upper
82 100
128 38.4 29.7 44.5
54 45.7 36.8 55.2

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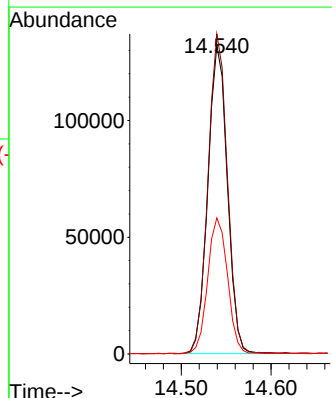
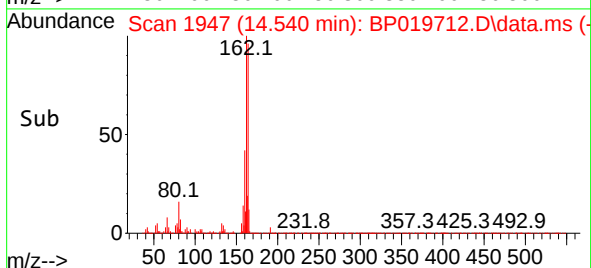
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

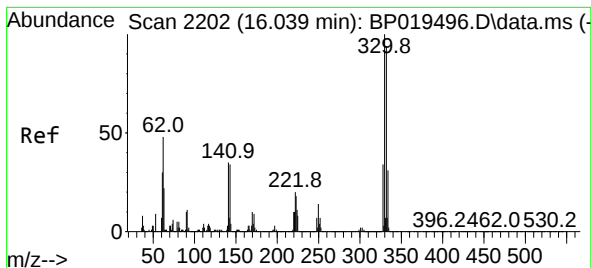


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10



Tgt Ion:164 Resp: 199240
Ion Ratio Lower Upper
164 100
162 103.7 81.2 121.8
160 44.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 100.106 ng

RT: 16.039 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-222

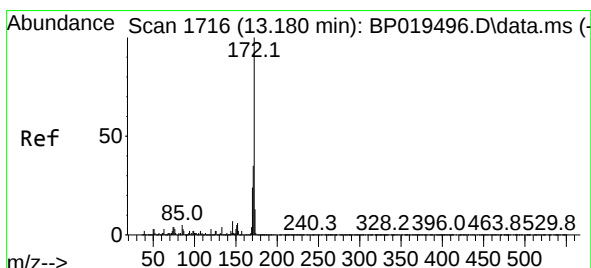
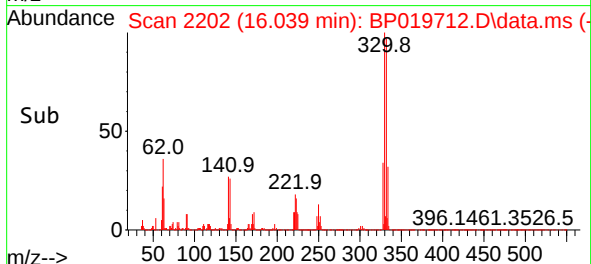
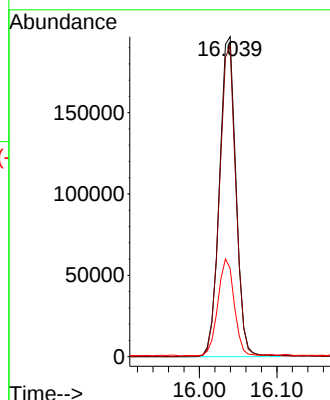
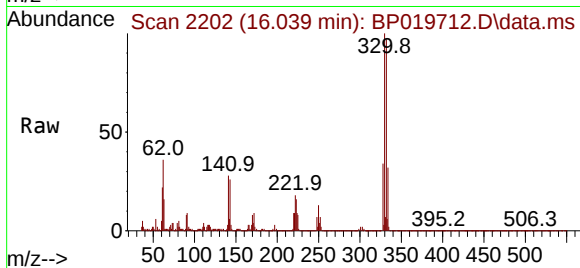
Tgt Ion:	330	Resp:	29121
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.2	115.8
141	29.8	27.0	40.4

Manual Integrations

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Supervised By :mohammad ahmed 02/15/2024



#45

2-Fluorobiphenyl

Concen: 53.782 ng

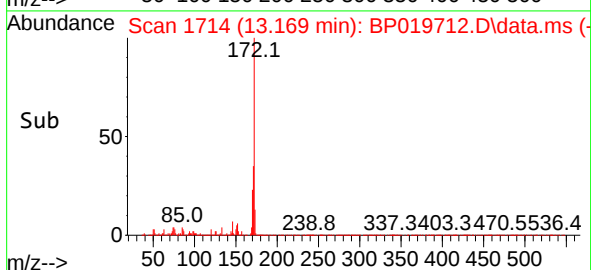
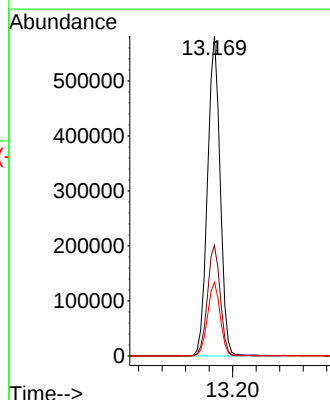
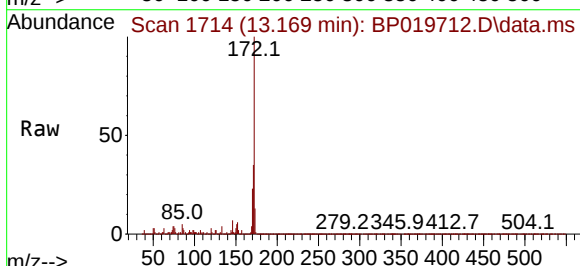
RT: 13.169 min Scan# 1714

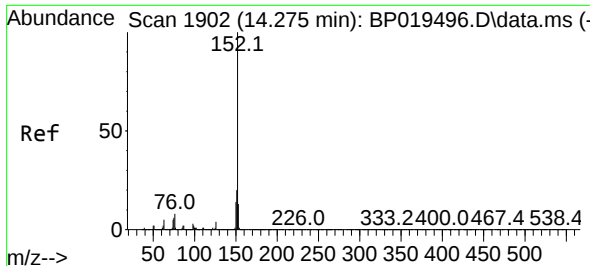
Delta R.T. -0.011 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

Tgt Ion:	172	Resp:	866791
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.2	42.4
170	23.1	18.9	28.3





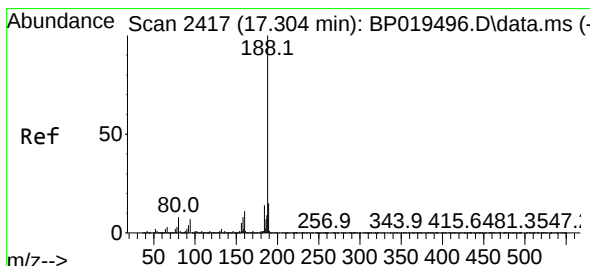
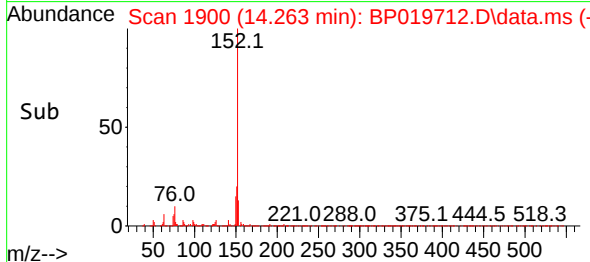
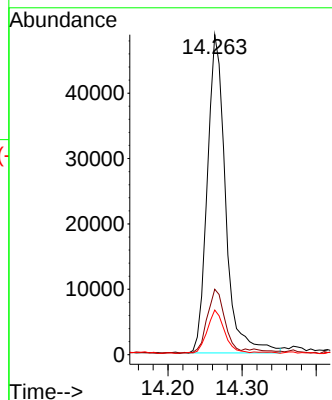
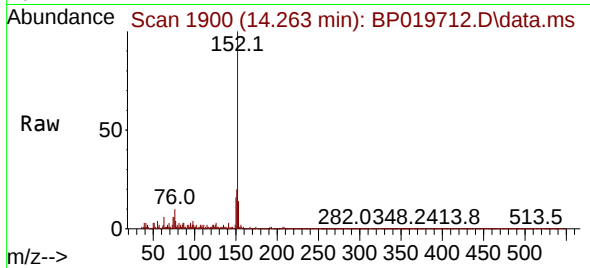
#49
Acenaphthylene
Concen: 4.555 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.011 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:152 Resp: 83428
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 14.0 10.6 15.8

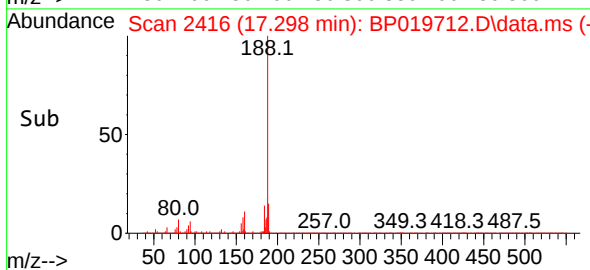
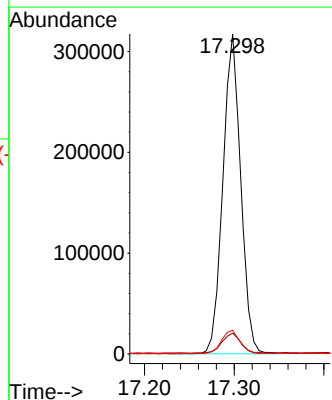
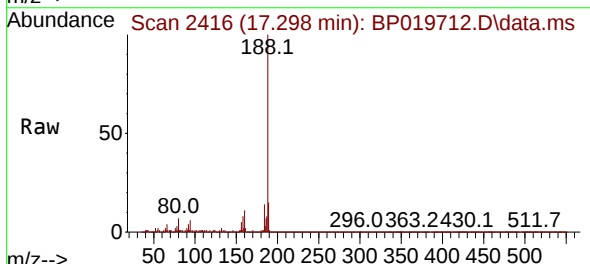
Manual Integrations
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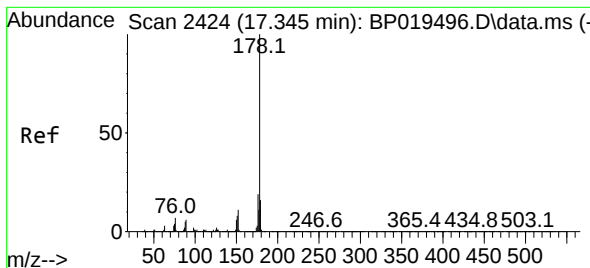
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10

Tgt Ion:188 Resp: 437178
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.4 6.3 9.5





#71

Phenanthrene

Concen: 3.218 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-222

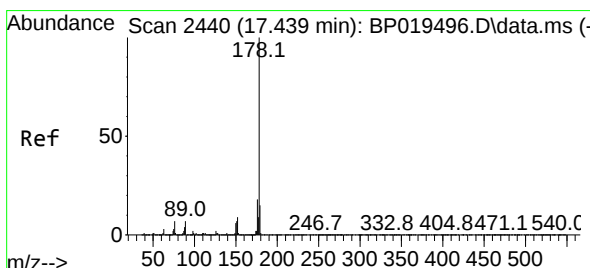
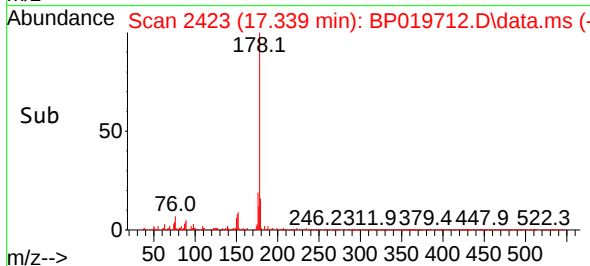
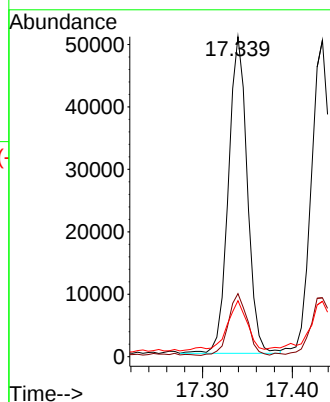
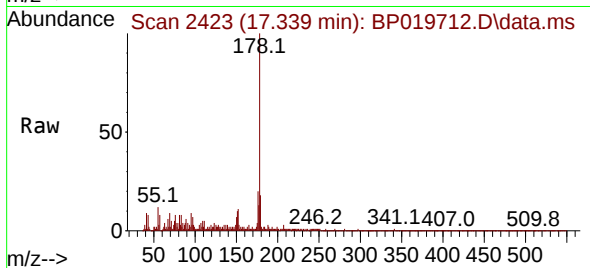
Tgt Ion:	178	Resp:	7403
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.5	23.3
179	17.5	12.6	19.0

Manual Integrations

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#72

Anthracene

Concen: 3.363 ng

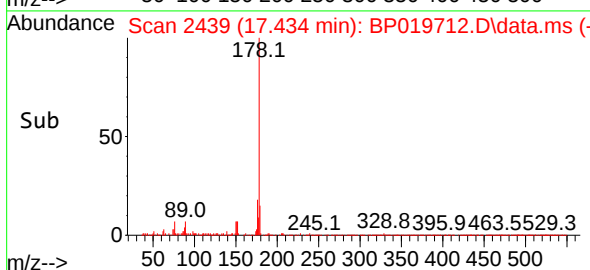
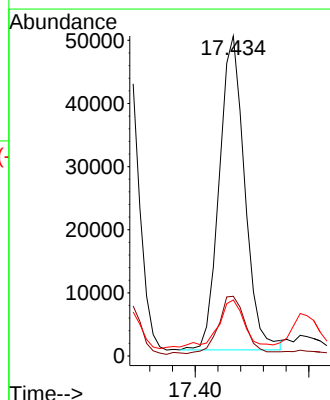
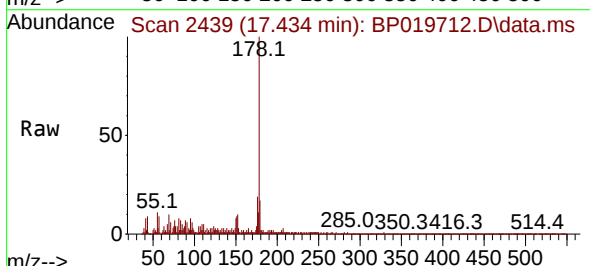
RT: 17.434 min Scan# 2439

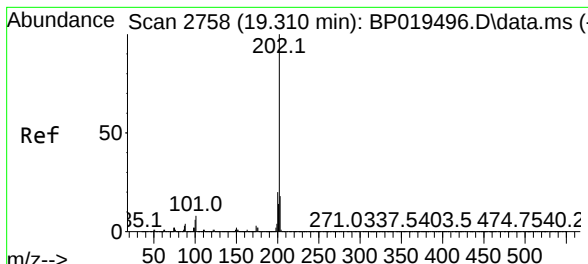
Delta R.T. -0.006 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

Tgt Ion:	178	Resp:	77177
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.7	22.1
179	17.5	12.2	18.2



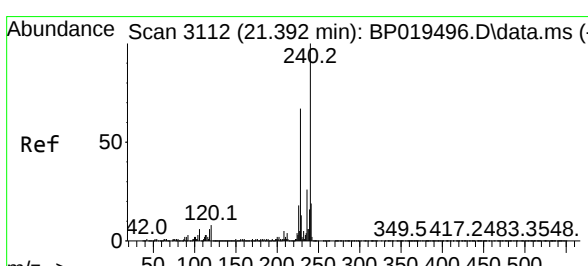
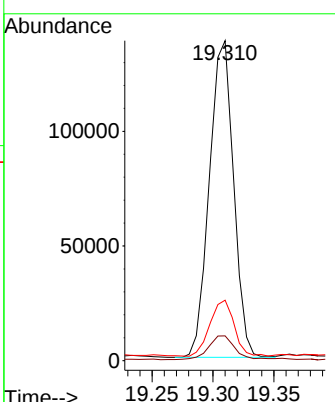
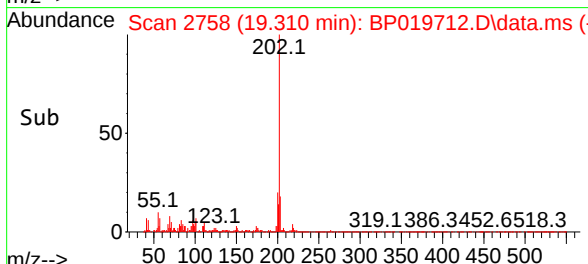
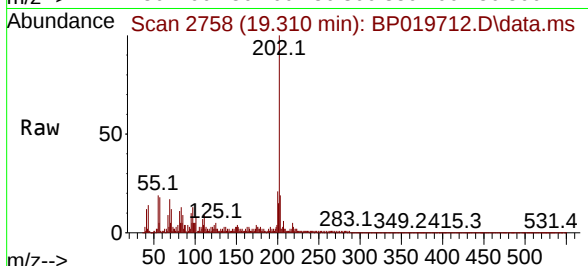


#75
 Fluoranthene
 Concen: 6.806 ng
 RT: 19.310 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019712.D
 Acq: 14 Feb 2024 21:10

Instrument : BNA_P
 ClientSampleId : VNJ-222

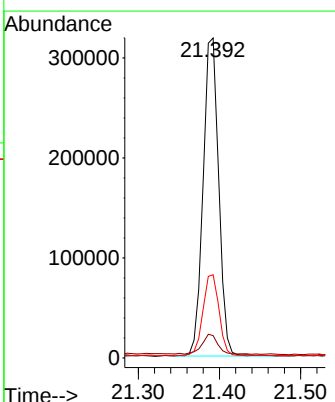
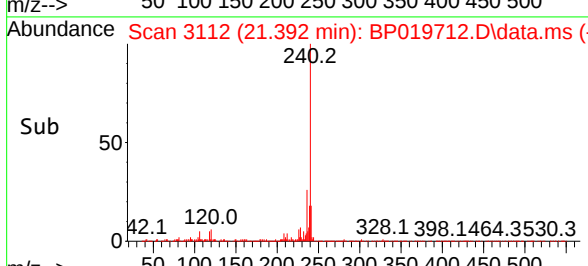
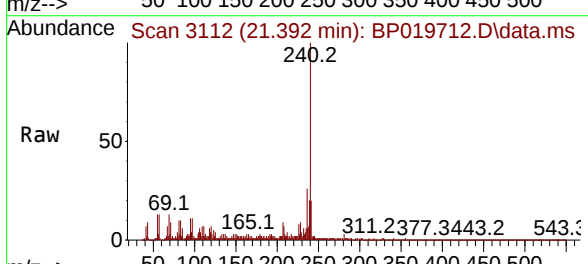
Tgt Ion:	202	Resp:	191294
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	27.7
203	18.9	0.0	37.5

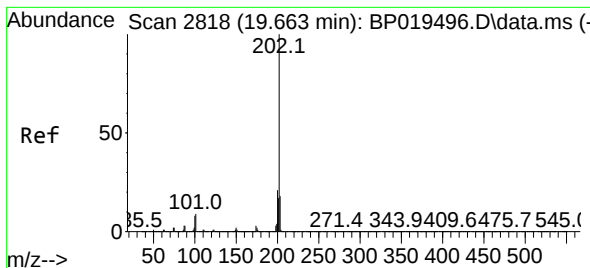
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/15/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP019712.D
 Acq: 14 Feb 2024 21:10

Tgt Ion:	240	Resp:	424192
Ion Ratio	Lower	Upper	
240	100		
120	7.0	6.1	9.1
236	26.0	20.7	31.1





#78

Pyrene

Concen: 8.996 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-222

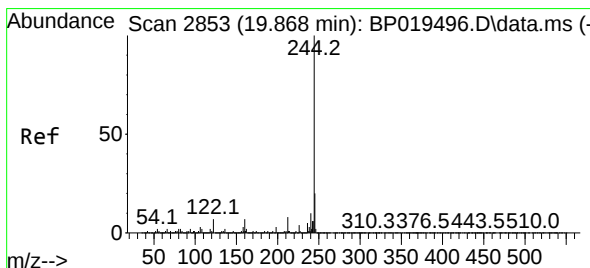
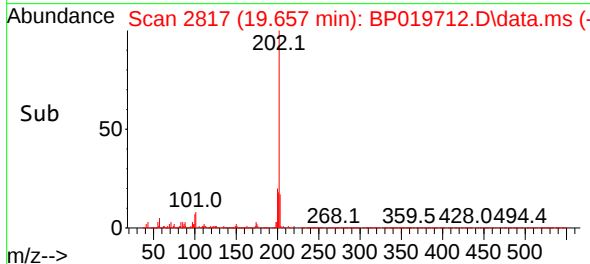
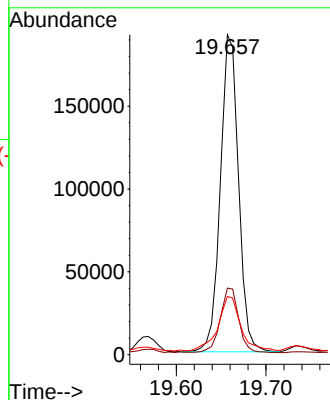
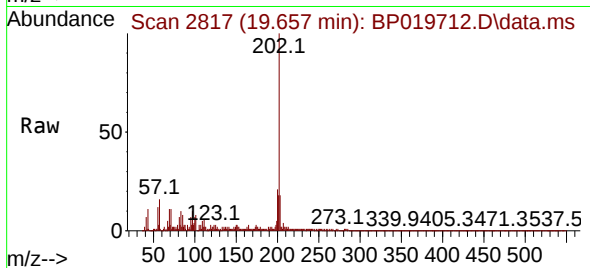
Tgt Ion:	202	Resp:	269310
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	18.2	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#79

Terphenyl-d14

Concen: 55.498 ng

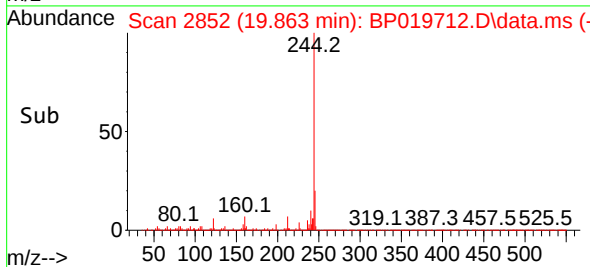
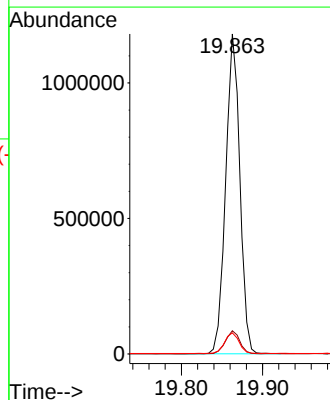
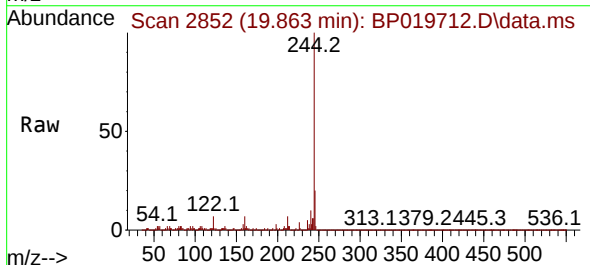
RT: 19.863 min Scan# 2852

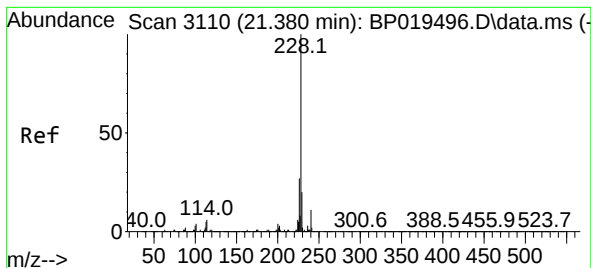
Delta R.T. -0.006 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

Tgt Ion:	244	Resp:	1431498
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.6	5.9	8.9





#81

Benzo(a)anthracene

Concen: 4.927 ng

RT: 21.375 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-222

Tgt Ion:228 Resp: 14711

Ion Ratio Lower Upper

228 100

226 37.2 21.7 32.5

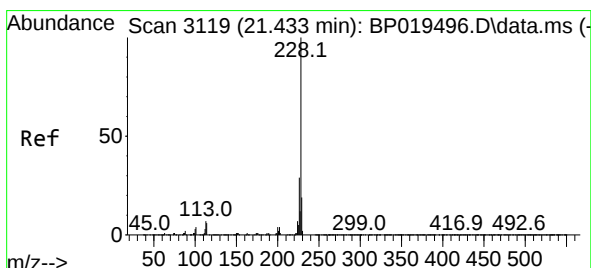
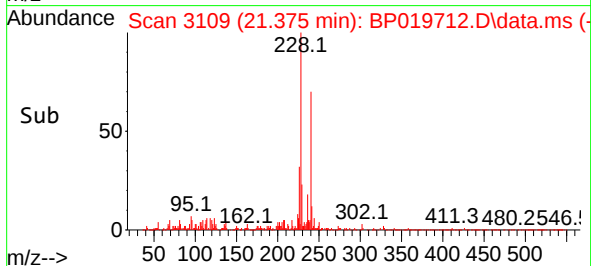
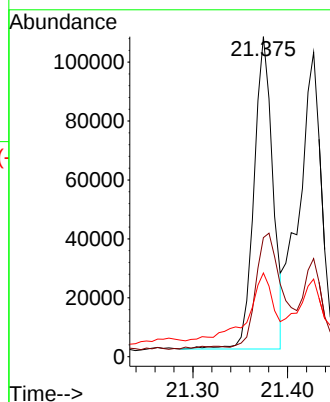
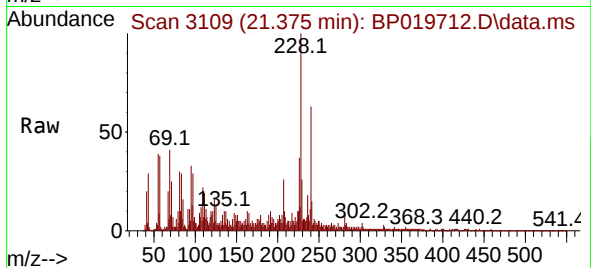
229 26.2 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#83

Chrysene

Concen: 6.257 ng m

RT: 21.427 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

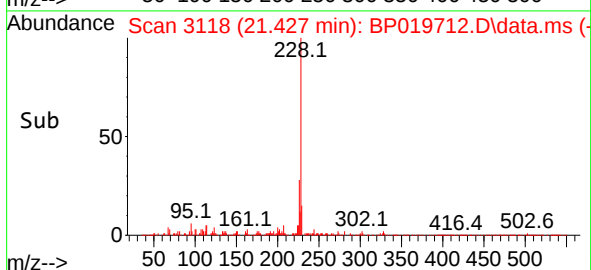
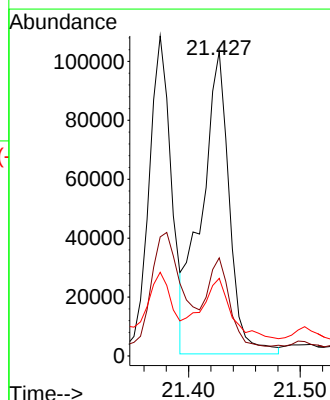
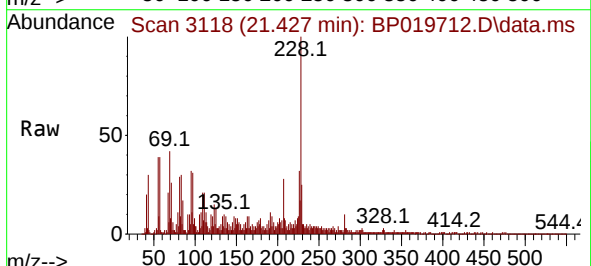
Tgt Ion:228 Resp: 177376

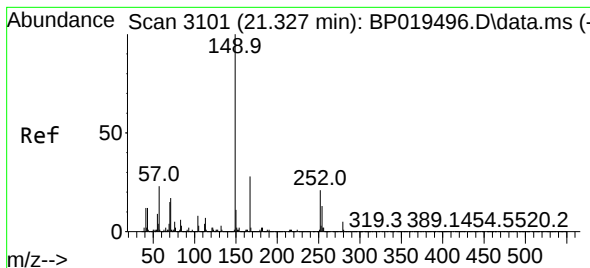
Ion Ratio Lower Upper

228 100

226 32.2 23.4 35.2

229 25.5 15.6 23.4





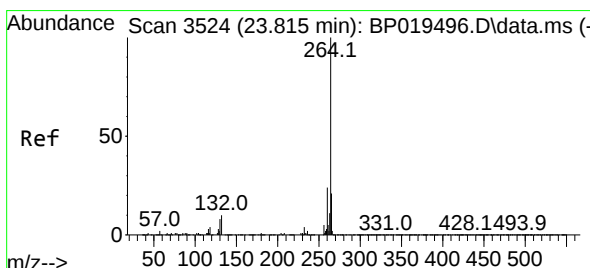
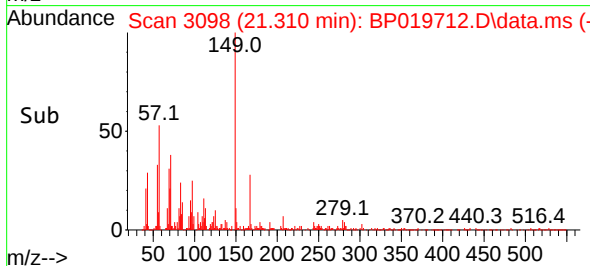
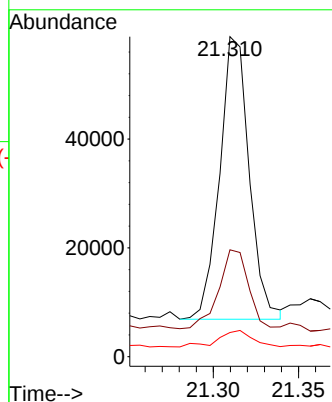
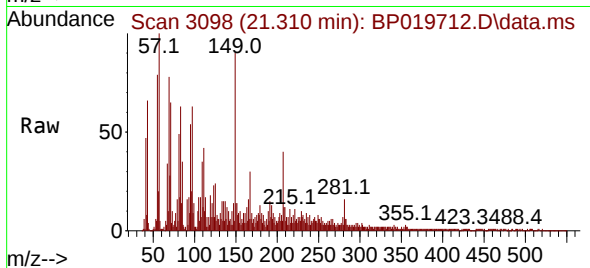
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.683 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.017 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:149 Resp: 6270
Ion Ratio Lower Upper
149 100
167 33.4 22.7 34.1
279 7.6 4.2 6.2

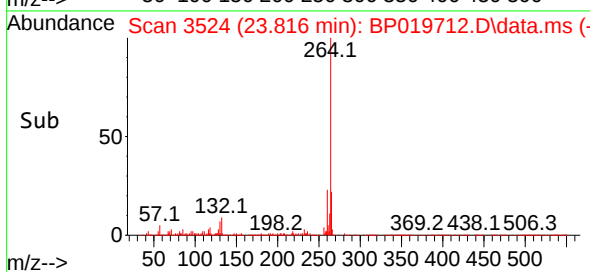
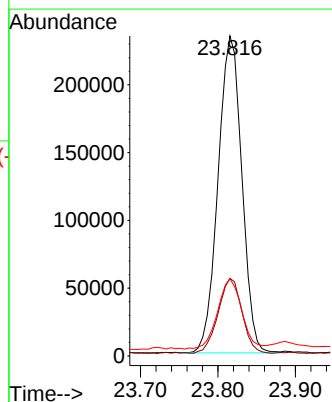
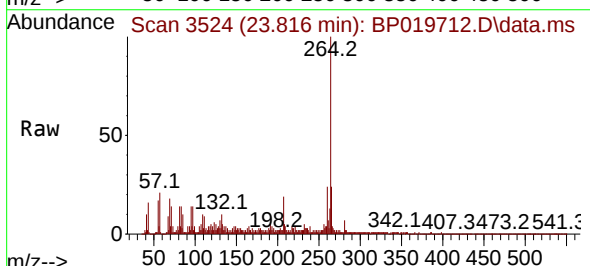
Manual Integrations
APPROVED

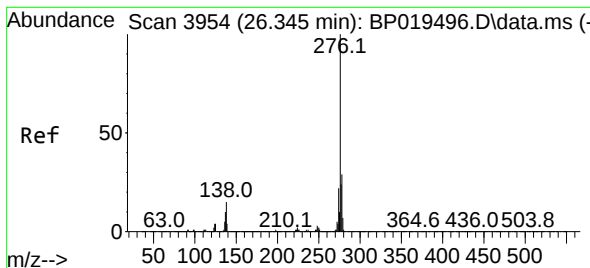
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.816 min Scan# 3524
Delta R.T. 0.000 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10

Tgt Ion:264 Resp: 500462
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 24.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.732 ng

RT: 26.351 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-222

Tgt Ion:276 Resp: 142960

Ion Ratio Lower Upper

276 100

138 13.7 13.1 19.7

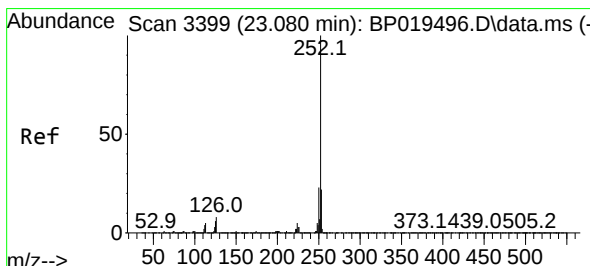
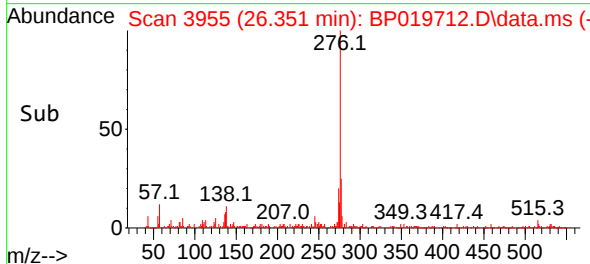
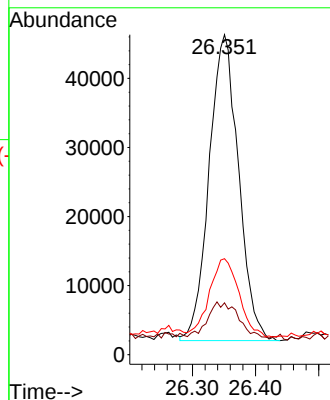
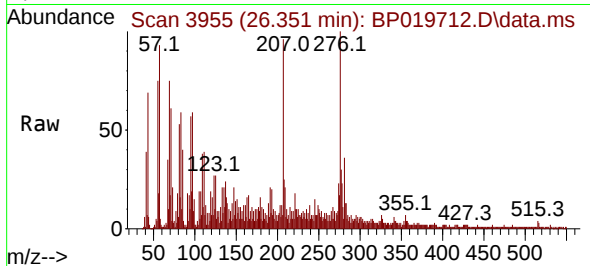
277 25.9 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024



#88

Benzo(b)fluoranthene

Concen: 7.728 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019712.D

Acq: 14 Feb 2024 21:10

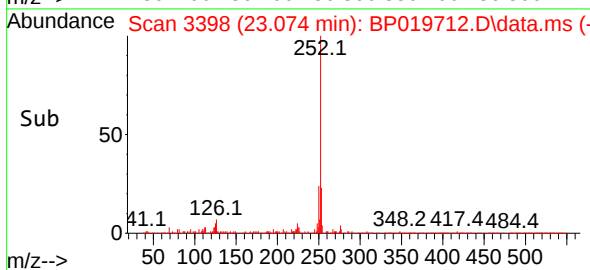
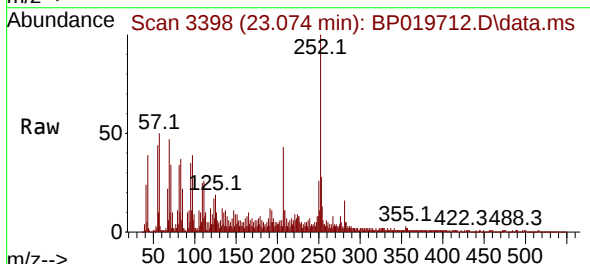
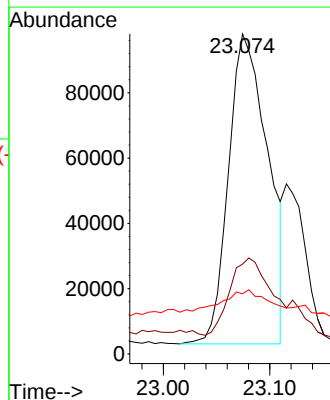
Tgt Ion:252 Resp: 243747

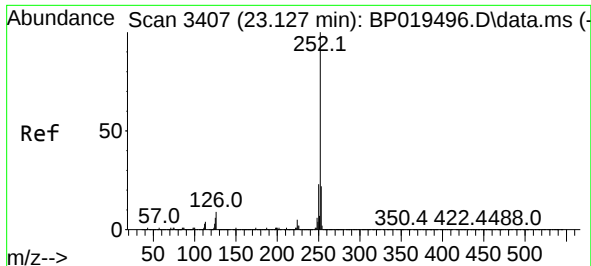
Ion Ratio Lower Upper

252 100

253 28.1 17.3 25.9#

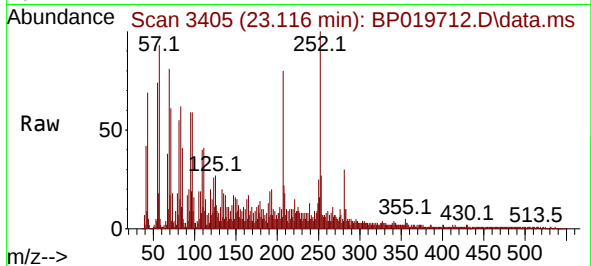
125 18.8 4.9 7.3#





#89
Benzo(k)fluoranthene
Concen: 2.586 ng m
RT: 23.116 min Scan# 3407
Delta R.T. -0.011 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10

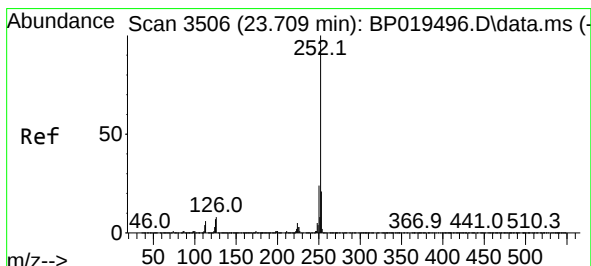
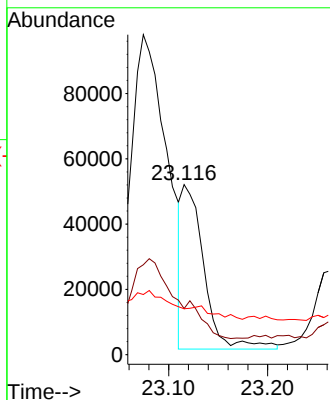
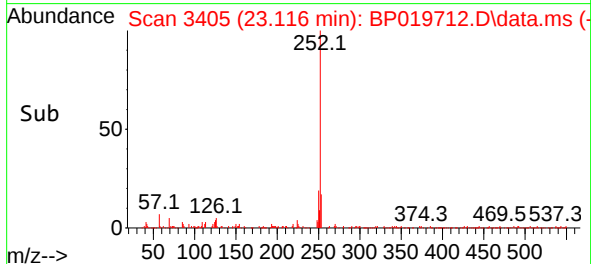
Instrument :
BNA_P
ClientSampleId :
VNJ-222



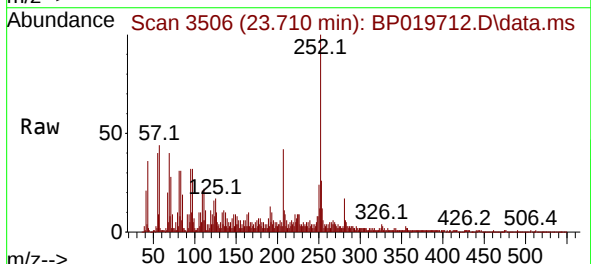
Tgt Ion:252 Resp: 77920
Ion Ratio Lower Upper
252 100
253 27.1 17.1 25.7#
125 27.0 5.0 7.6#

Manual Integrations
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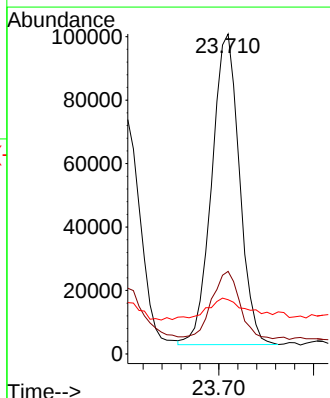
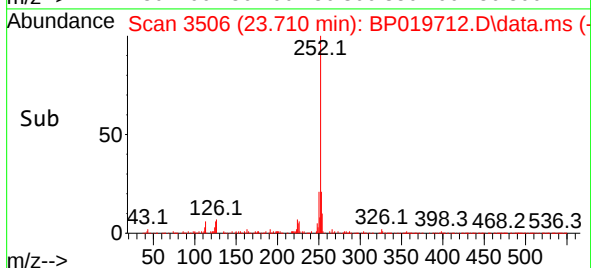
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

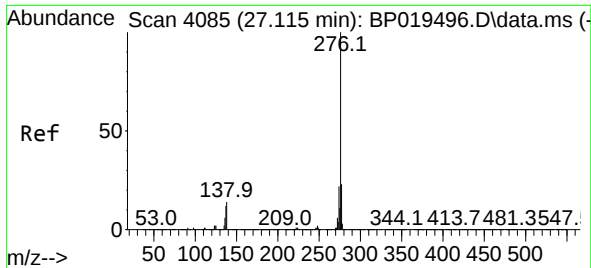


#90
Benzo(a)pyrene
Concen: 7.065 ng
RT: 23.710 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP019712.D
Acq: 14 Feb 2024 21:10



Tgt Ion:252 Resp: 198292
Ion Ratio Lower Upper
252 100
253 25.8 17.1 25.7#
125 17.0 5.6 8.4#





#92

Benzo(g,h,i)perylene

Concen: 5.112 ng

RT: 27.133 min Scan# 4088

Delta R.T. 0.018 min

Lab File: BP019712.D

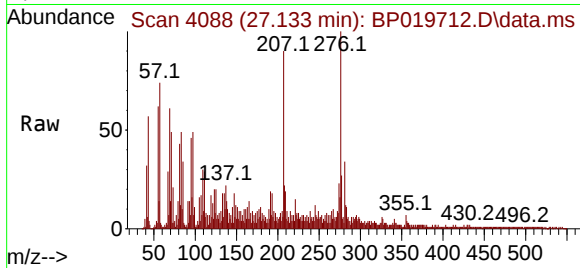
Acq: 14 Feb 2024 21:10

Instrument :

BNA_P

ClientSampleId :

VNJ-222



Tgt Ion:276 Resp: 163408

Ion Ratio Lower Upper

276 100

277 26.5 18.6 28.0

138 14.2 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2024

Supervised By :mohammad ahmed 02/15/2024

