

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019728.D
 Acq On : 15 Feb 2024 18:02
 Operator : MA/JU
 Sample : P1473-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-03-021424

Manual Integrations
 APPROVED

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

Quant Time: Feb 16 00:54:06 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	7.899	152	72729	20.000	ng	-0.02
21) Naphthalene-d8	10.705	136	262252	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	170278	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	411125	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	422237	20.000	ng	0.00
86) Perylene-d12	23.810	264	486347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	171449	37.999	ng	-0.01
7) Phenol-d6	7.069	99	211733	34.803	ng	-0.02
23) Nitrobenzene-d5	9.069	82	143955	23.785	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	115904	46.619	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	317255	23.033	ng	-0.02
79) Terphenyl-d14	19.857	244	618483	24.089	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.334	178	74187	3.429	ng	98
75) Fluoranthene	19.304	202	117920	4.461	ng	95
78) Pyrene	19.657	202	151321	5.078	ng	99
81) Benzo(a)anthracene	21.369	228	68972m	2.321	ng	
83) Chrysene	21.422	228	72516	2.570	ng	95
88) Benzo(b)fluoranthene	23.074	252	66513	2.170	ng	# 75
90) Benzo(a)pyrene	23.698	252	63545	2.330	ng	# 85

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

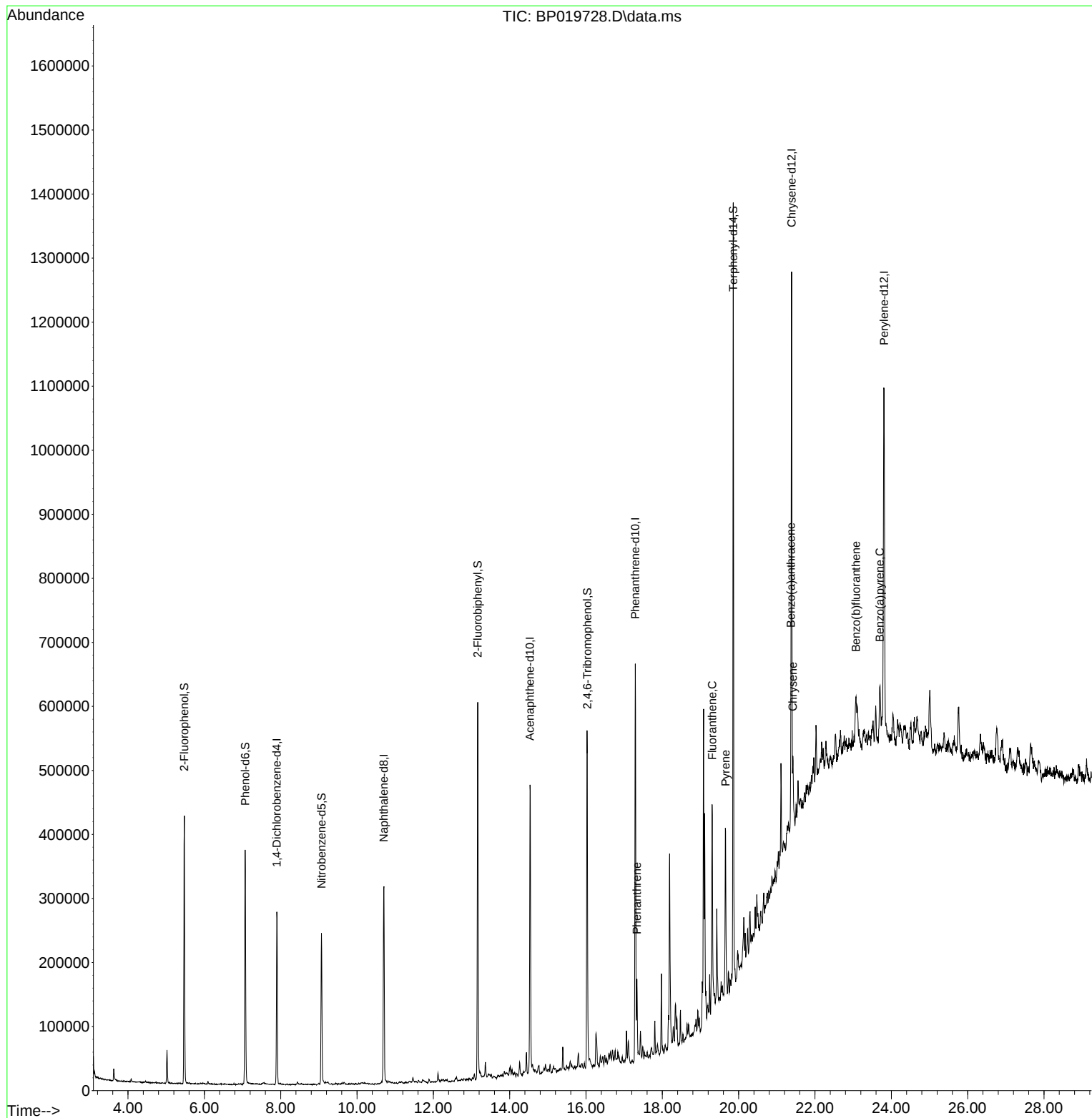
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019728.D
Acq On : 15 Feb 2024 18:02
Operator : MA/JU
Sample : P1473-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

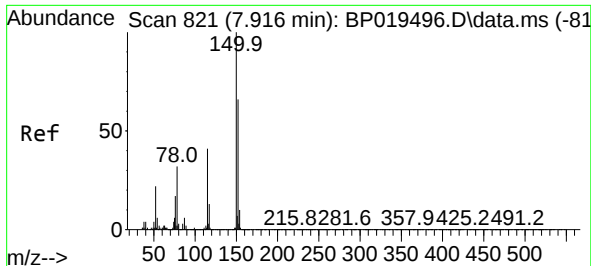
Instrument :
BNA_P
ClientSampleId :
SU-03-021424

Quant Time: Feb 16 00:54:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 02/17/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

Instrument :

BNA_P

ClientSampleId :

SU-03-021424

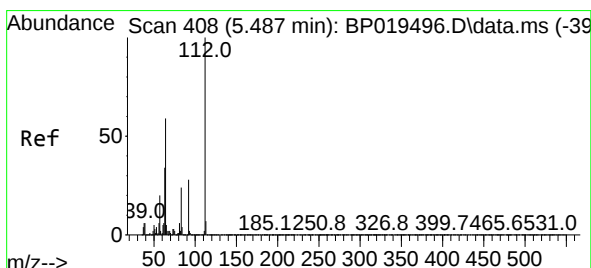
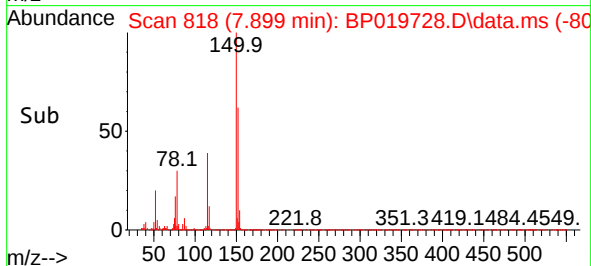
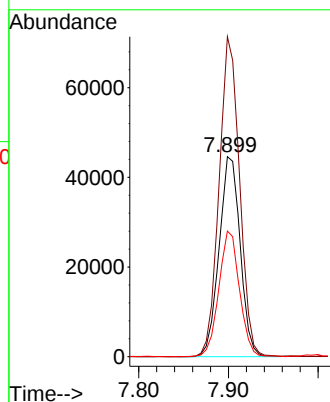
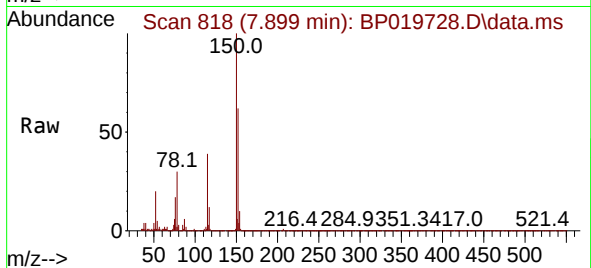
Tgt Ion:152 Resp: 72729
Ion Ratio Lower Upper
152 100
150 160.1 121.8 182.8
115 62.8 49.9 74.9

Manual Integrations

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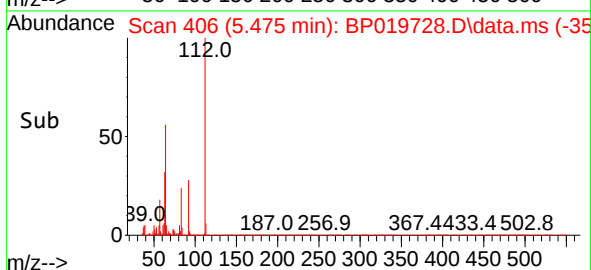
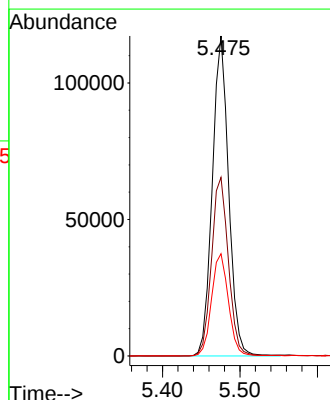
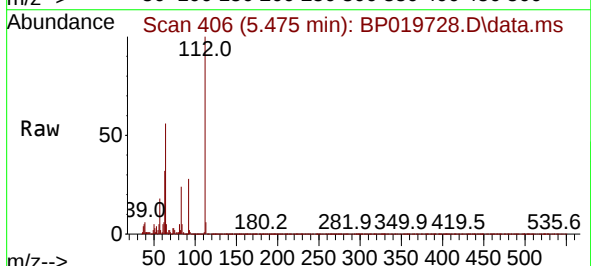
Reviewed By :Yogesh Patel 02/17/2024

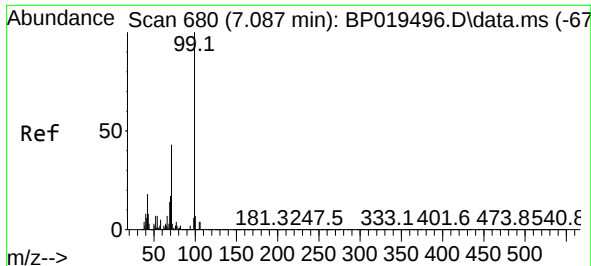
Supervised By :mohammad ahmed 02/17/2024



#5
2-Fluorophenol
Concen: 37.999 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

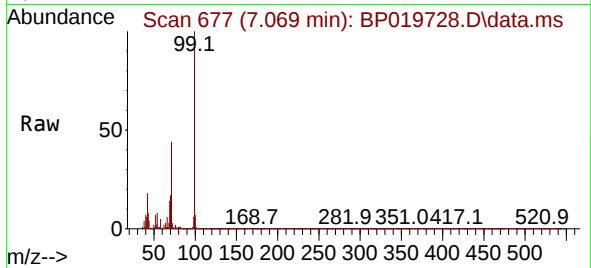
Tgt Ion:112 Resp: 171449
Ion Ratio Lower Upper
112 100
64 55.8 47.4 71.0
63 32.0 27.0 40.6





#7
Phenol-d6
Concen: 34.803 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

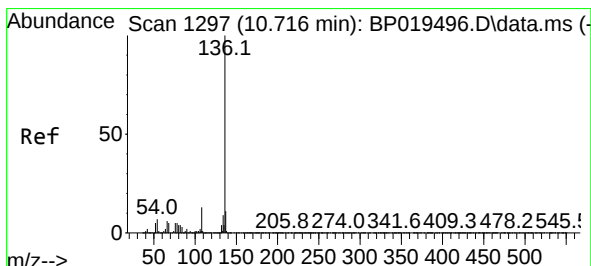
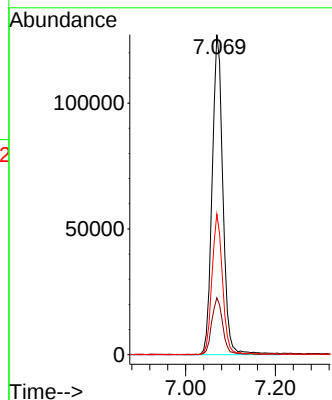
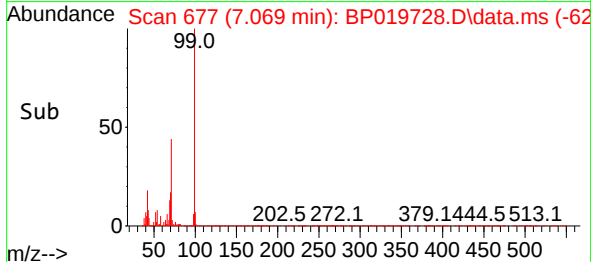
Instrument :
BNA_P
ClientSampleId :
SU-03-021424



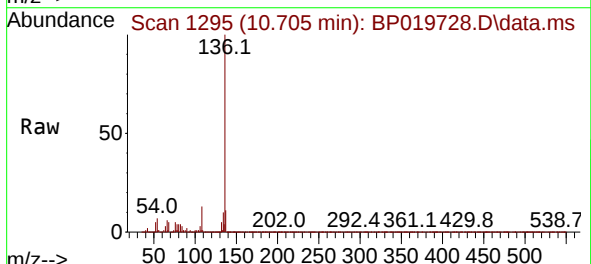
Tgt Ion: 99 Resp: 21173
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 44.0 34.8 52.2

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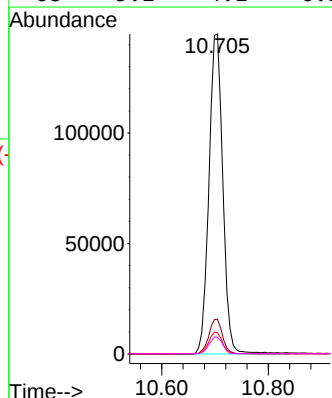
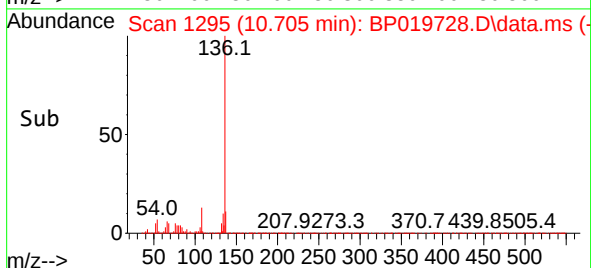
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02



Tgt Ion:136 Resp: 262252
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.3 7.9
68 5.1 4.1 6.1





#23
Nitrobenzene-d5
Concen: 23.785 ng
RT: 9.069 min Scan# 1020
Delta R.T. -0.017 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

Instrument :

BNA_P

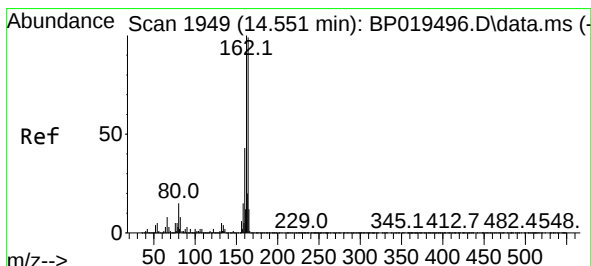
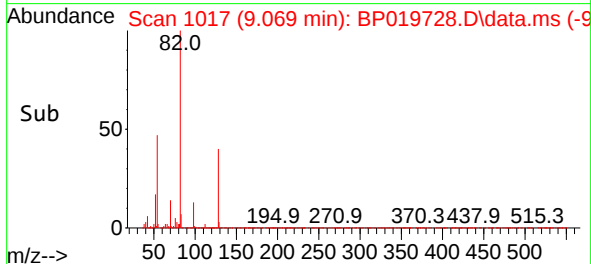
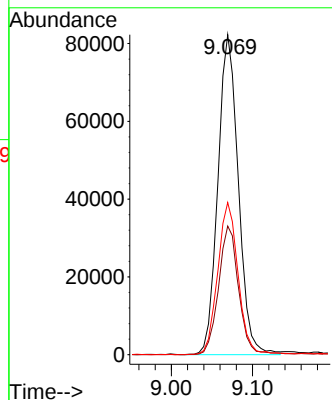
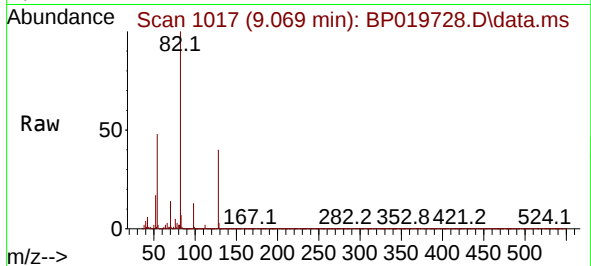
ClientSampleId :

SU-03-021424

Tgt Ion: 82 Resp: 143958
Ion Ratio Lower Upper
82 100
128 40.2 29.7 44.5
54 47.6 36.8 55.2

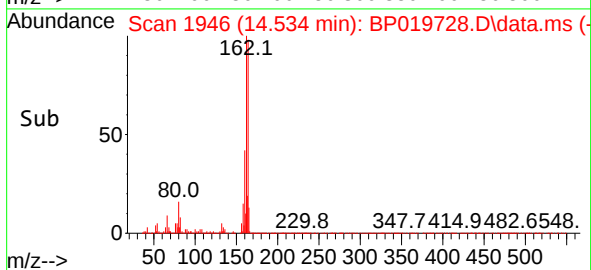
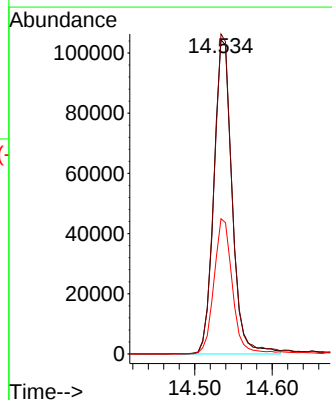
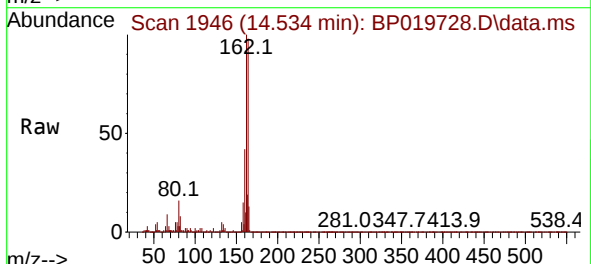
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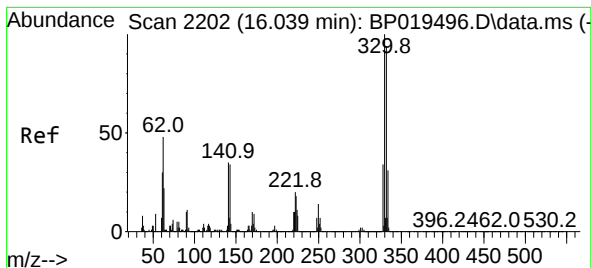
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

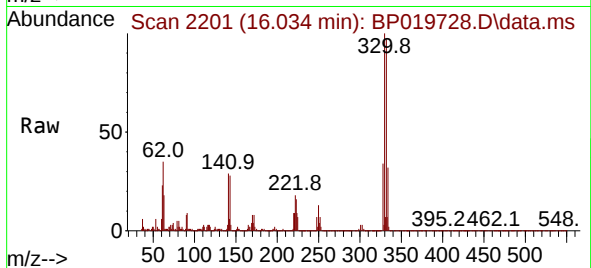
Tgt Ion:164 Resp: 170278
Ion Ratio Lower Upper
164 100
162 101.8 81.2 121.8
160 43.0 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 46.619 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

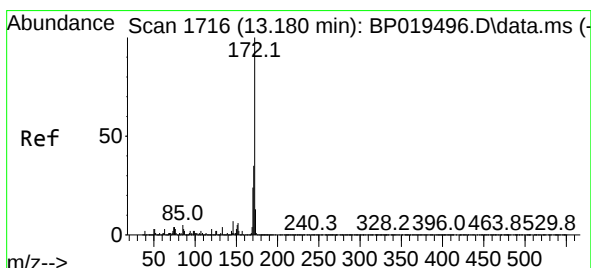
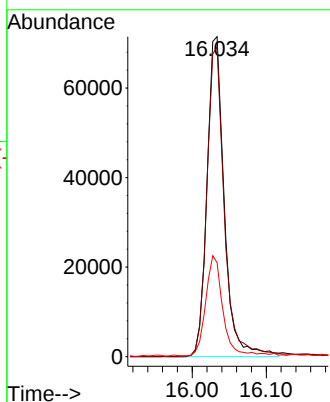
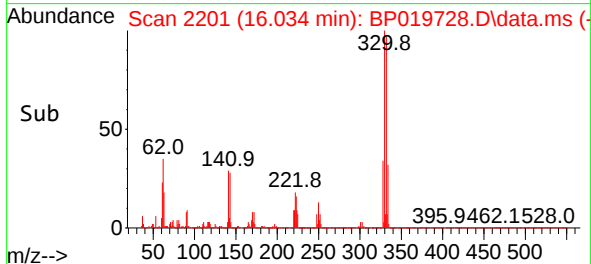
Instrument :
BNA_P
ClientSampleId :
SU-03-021424



Tgt Ion:330 Resp: 115904
Ion Ratio Lower Upper
330 100
332 98.3 77.2 115.8
141 31.0 27.0 40.4

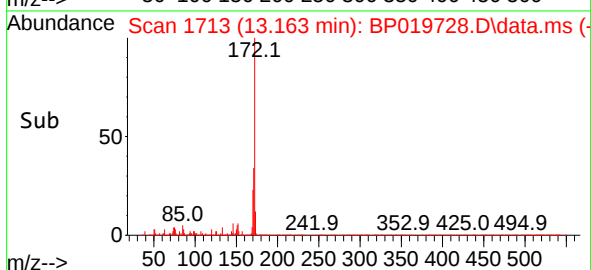
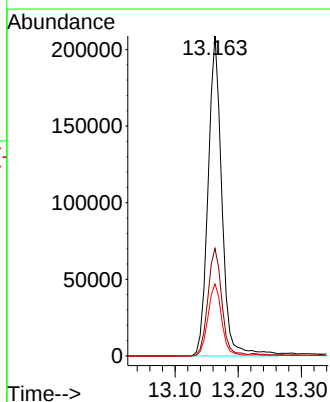
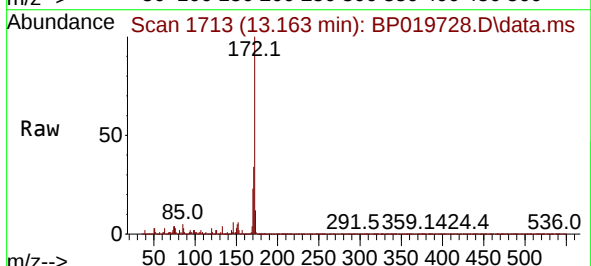
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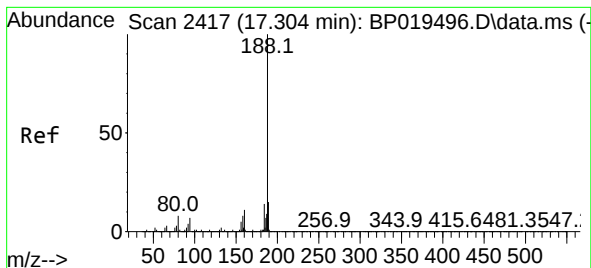
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#45
2-Fluorobiphenyl
Concen: 23.033 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

Tgt Ion:172 Resp: 317255
Ion Ratio Lower Upper
172 100
171 33.6 28.2 42.4
170 22.5 18.9 28.3





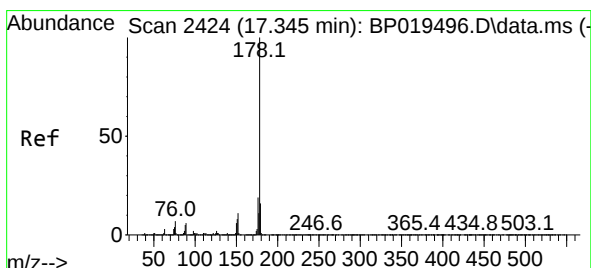
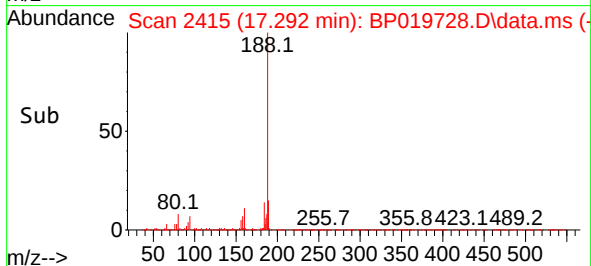
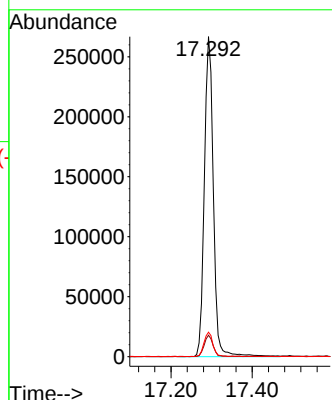
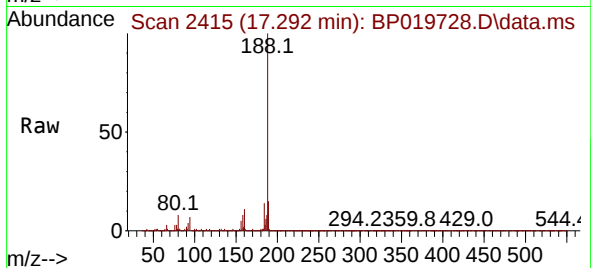
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

Instrument :
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SU-03-021424

Tgt Ion:188 Resp: 41112
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.2
80 7.7 6.3 9.5

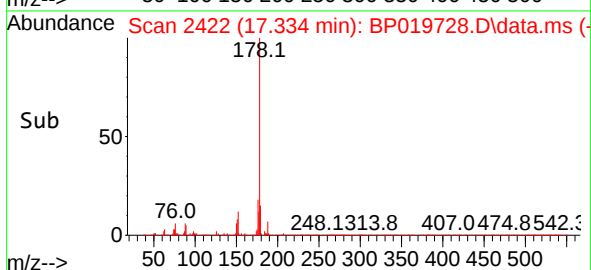
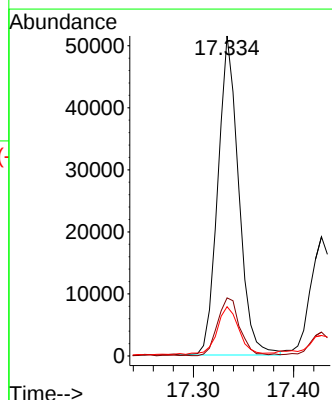
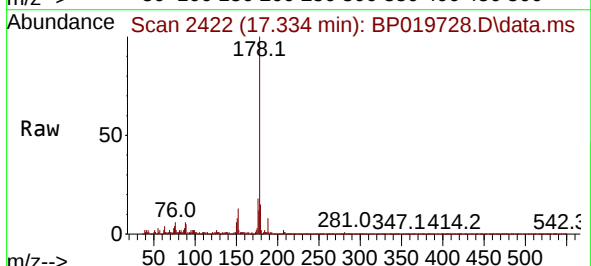
Manual Integrations
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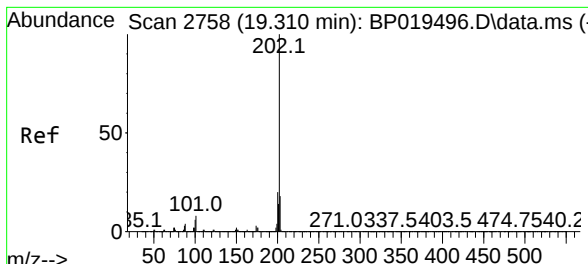
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#71
Phenanthrene
Concen: 3.429 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.011 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

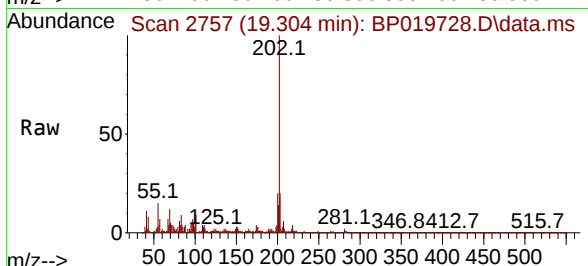
Tgt Ion:178 Resp: 74187
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 15.4 12.6 19.0





#75
Fluoranthene
Concen: 4.461 ng
RT: 19.304 min Scan# 217920
Delta R.T. -0.005 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

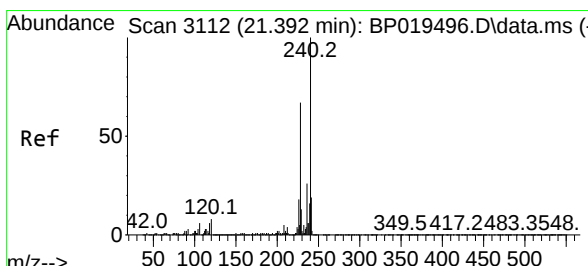
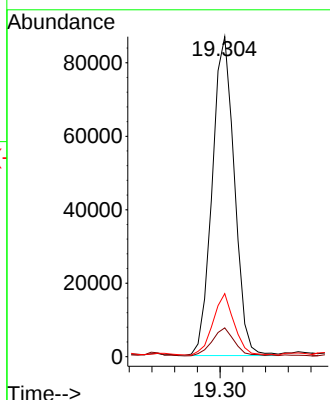
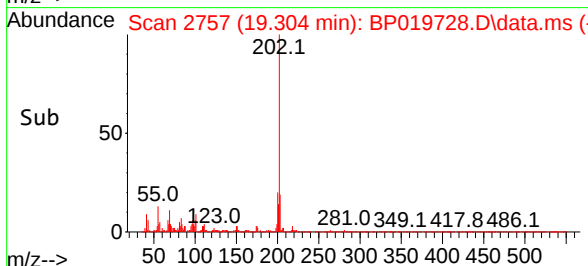
Instrument :
BNA_P
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SU-03-021424



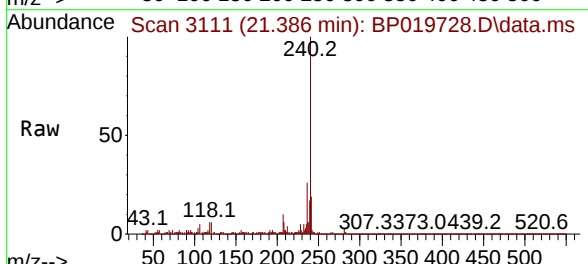
Tgt Ion:202 Resp: 117920
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.7
203 19.7 0.0 37.5

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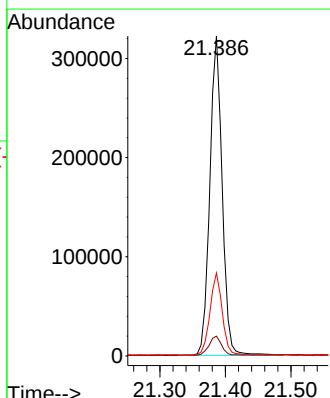
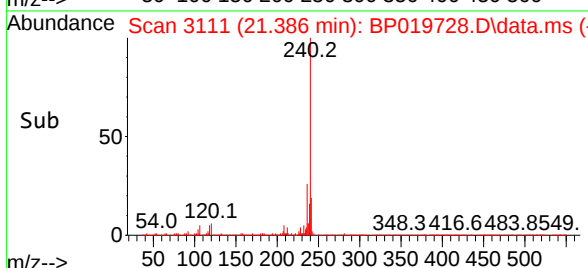
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024

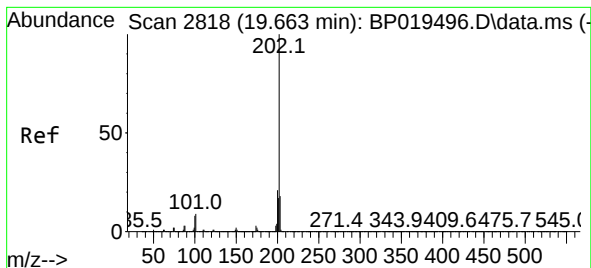


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.005 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02



Tgt Ion:240 Resp: 422237
Ion Ratio Lower Upper
240 100
120 6.2 6.1 9.1
236 25.9 20.7 31.1





#78

Pyrene

Concen: 5.078 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019728.D

Acq: 15 Feb 2024 18:02

Instrument :

BNA_P

ClientSampleId :

SU-03-021424

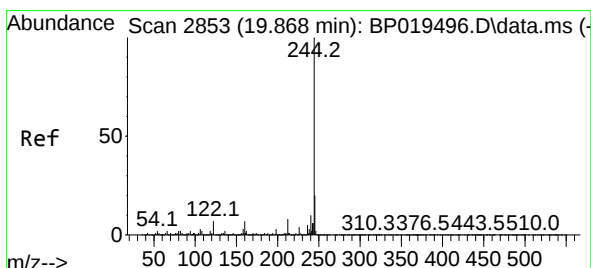
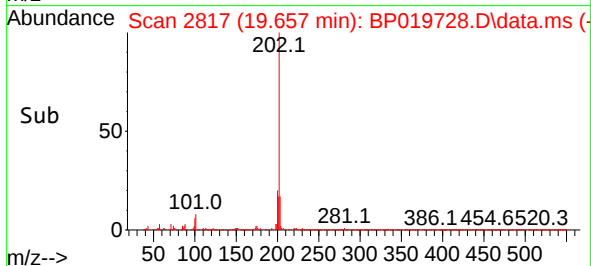
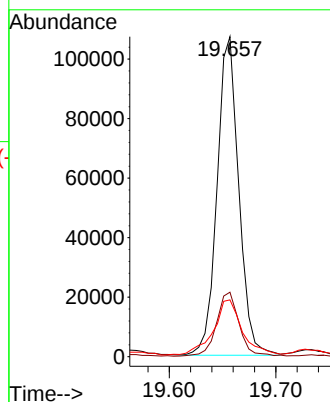
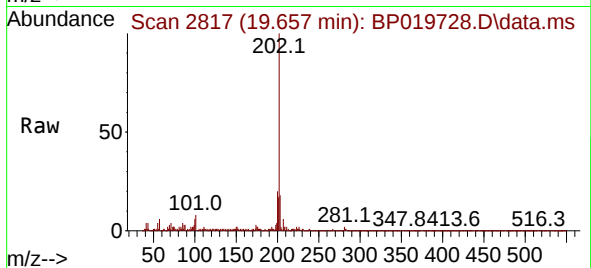
Tgt Ion:	202	Resp:	15132
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.9	25.3
203	17.8	14.2	21.2

Manual Integrations

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Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/17/2024



#79

Terphenyl-d14

Concen: 24.089 ng

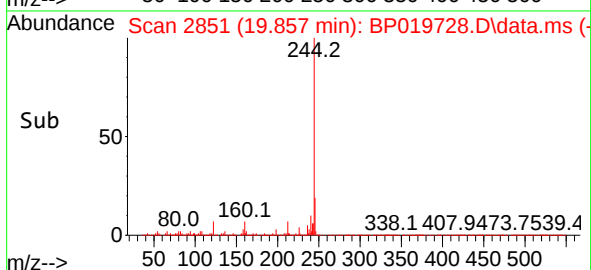
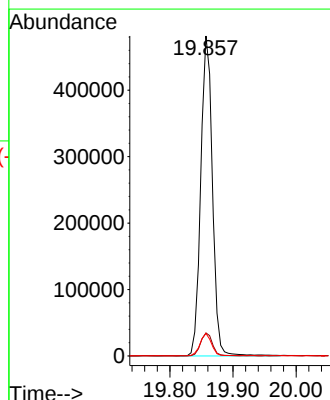
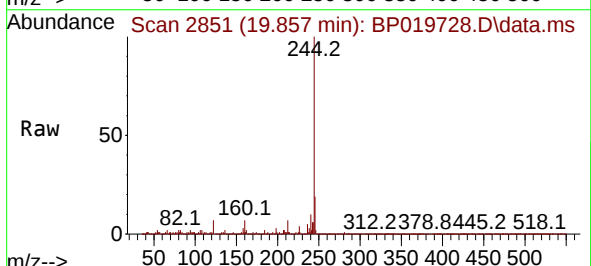
RT: 19.857 min Scan# 2851

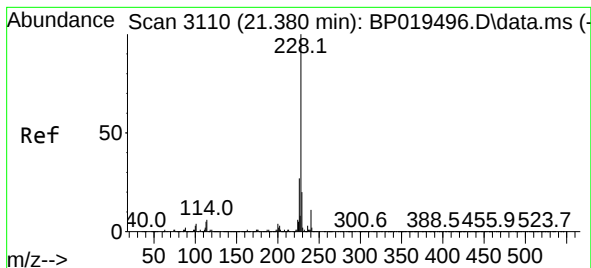
Delta R.T. -0.011 min

Lab File: BP019728.D

Acq: 15 Feb 2024 18:02

Tgt Ion:	244	Resp:	618483
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.1	9.1
122	7.0	5.9	8.9





#81

Benzo(a)anthracene

Concen: 2.321 ng m

RT: 21.369 min Scan# 3110

Delta R.T. -0.011 min

Lab File: BP019728.D

Acq: 15 Feb 2024 18:02

Instrument :

BNA_P

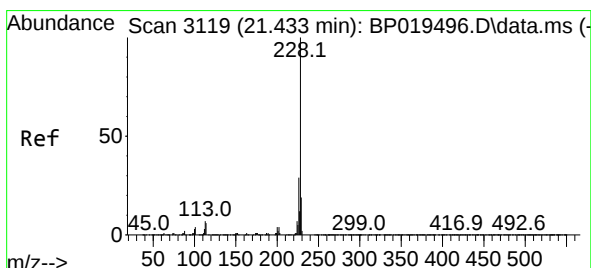
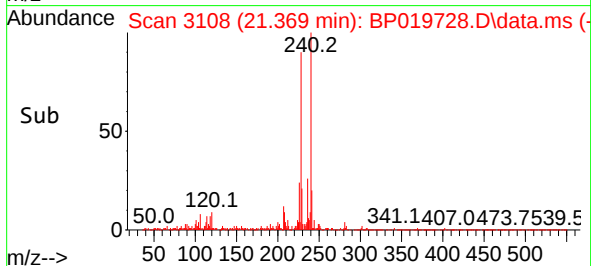
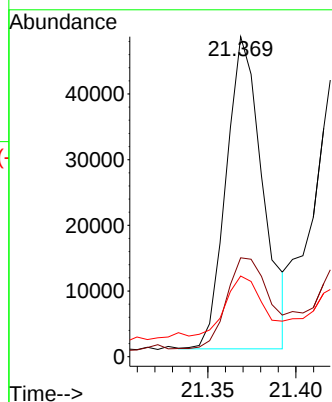
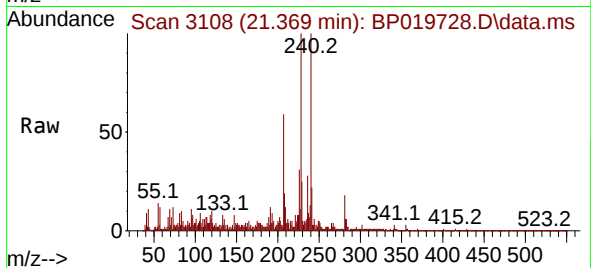
ClientSampleId :

SU-03-021424

Tgt Ion:228 Resp: 68972
Ion Ratio Lower Upper
228 100
226 30.9 21.7 32.5
229 25.2 15.6 23.4

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



#83

Chrysene

Concen: 2.570 ng

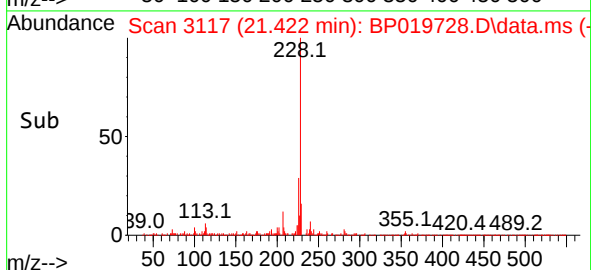
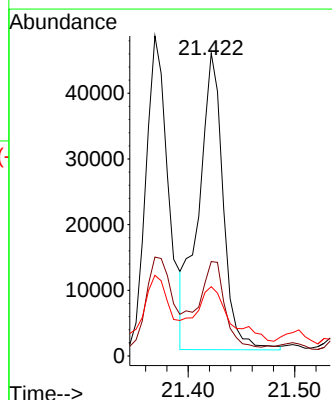
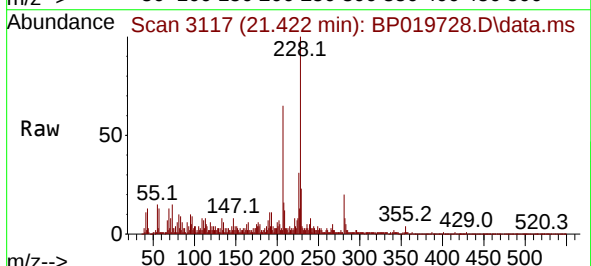
RT: 21.422 min Scan# 3117

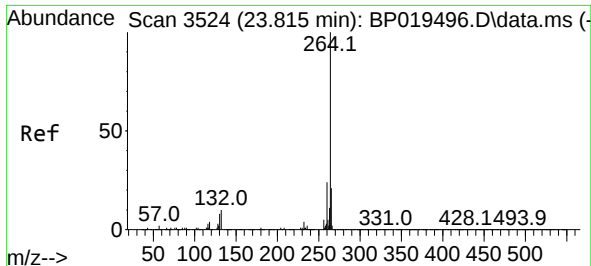
Delta R.T. -0.011 min

Lab File: BP019728.D

Acq: 15 Feb 2024 18:02

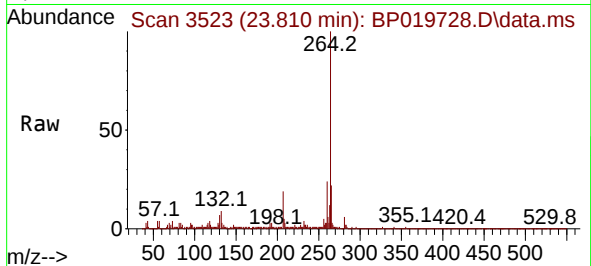
Tgt Ion:228 Resp: 72516
Ion Ratio Lower Upper
228 100
226 31.2 23.4 35.2
229 22.9 15.6 23.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 3524
Delta R.T. -0.005 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

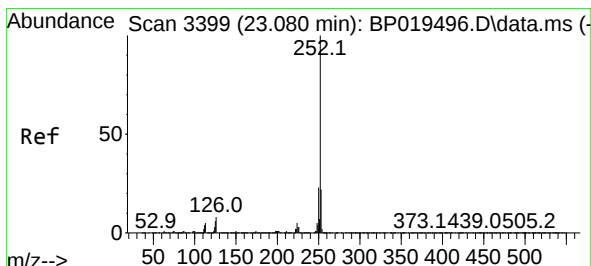
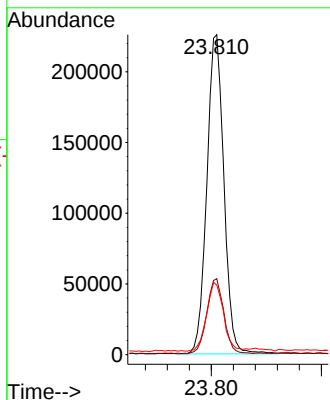
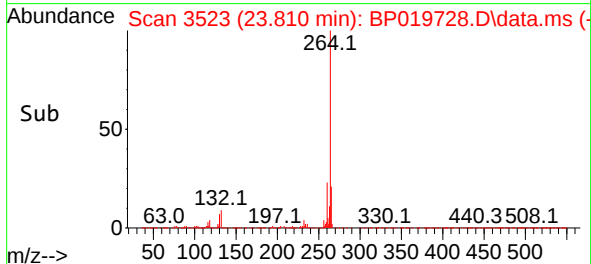
Instrument :
BNA_P
ClientSampleId :
SU-03-021424



Tgt Ion:264 Resp: 48634
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.8 17.0 25.4

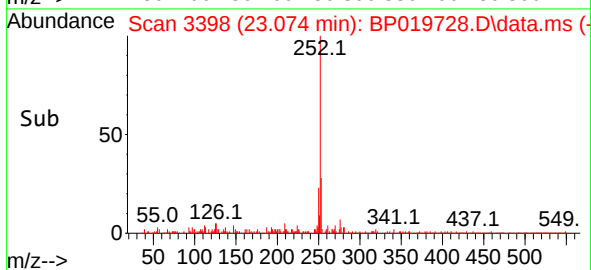
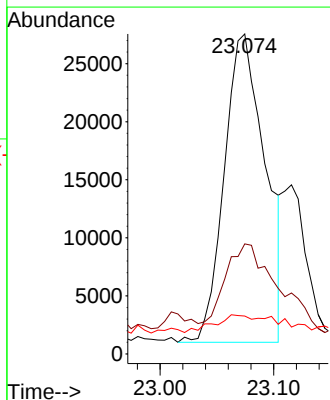
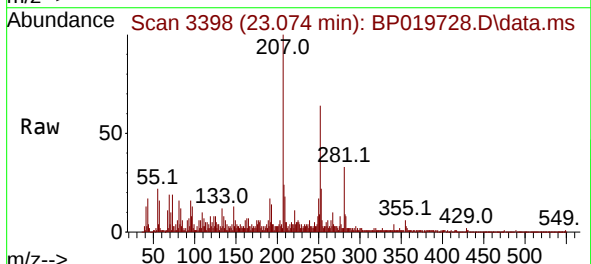
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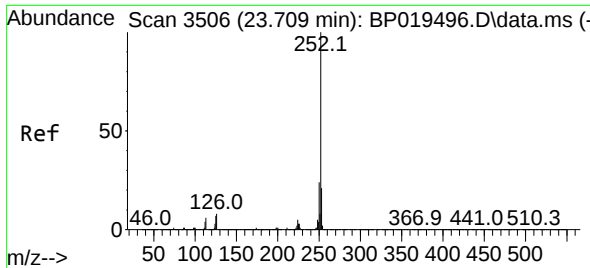
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/17/2024



#88
Benzo(b)fluoranthene
Concen: 2.170 ng
RT: 23.074 min Scan# 3398
Delta R.T. -0.006 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

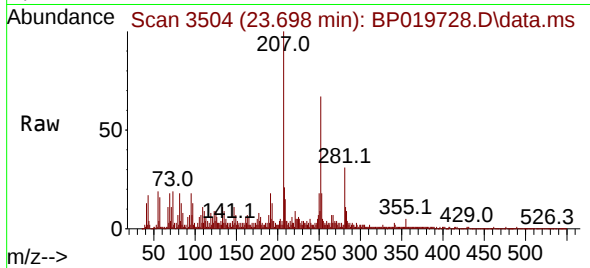
Tgt Ion:252 Resp: 66513
Ion Ratio Lower Upper
252 100
253 34.4 17.3 25.9#
125 11.8 4.9 7.3#





#90
Benzo(a)pyrene
Concen: 2.330 ng
RT: 23.698 min Scan# 30
Delta R.T. -0.011 min
Lab File: BP019728.D
Acq: 15 Feb 2024 18:02

Instrument :
BNA_P
ClientSampleId :
SU-03-021424



Tgt Ion:252 Resp: 6354
Ion Ratio Lower Upper
252 100
253 27.8 17.1 25.7
125 13.6 5.6 8.4

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

