

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047198.D
 Acq On : 14 Aug 2024 19:31
 Operator : RC/JU
 Sample : P3519-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-20-080724

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 15 02:35:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	350609	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	1331382	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	840531	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1738282	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1232387	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1222159	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1693150	86.290	ng	0.00
7) Phenol-d6	6.581	99	2271724	84.023	ng	0.00
23) Nitrobenzene-d5	8.516	82	1486565	56.222	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	856768	87.909	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	2468911	45.309	ng	-0.01
79) Terphenyl-d14	19.456	244	3108694	54.051	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	18.862	202	616050	5.806	ng	100
78) Pyrene	19.227	202	549095	6.240	ng	99
81) Benzo(a)anthracene	21.009	228	257504	3.147	ng	98
83) Chrysene	21.062	228	259302m	3.341	ng	
88) Benzo(b)fluoranthene	22.880	252	341945	4.711	ng	# 97
90) Benzo(a)pyrene	23.591	252	220371	3.505	ng	# 94
92) Benzo(g,h,i)perylene	27.626	276	158097	2.382	ng	94

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

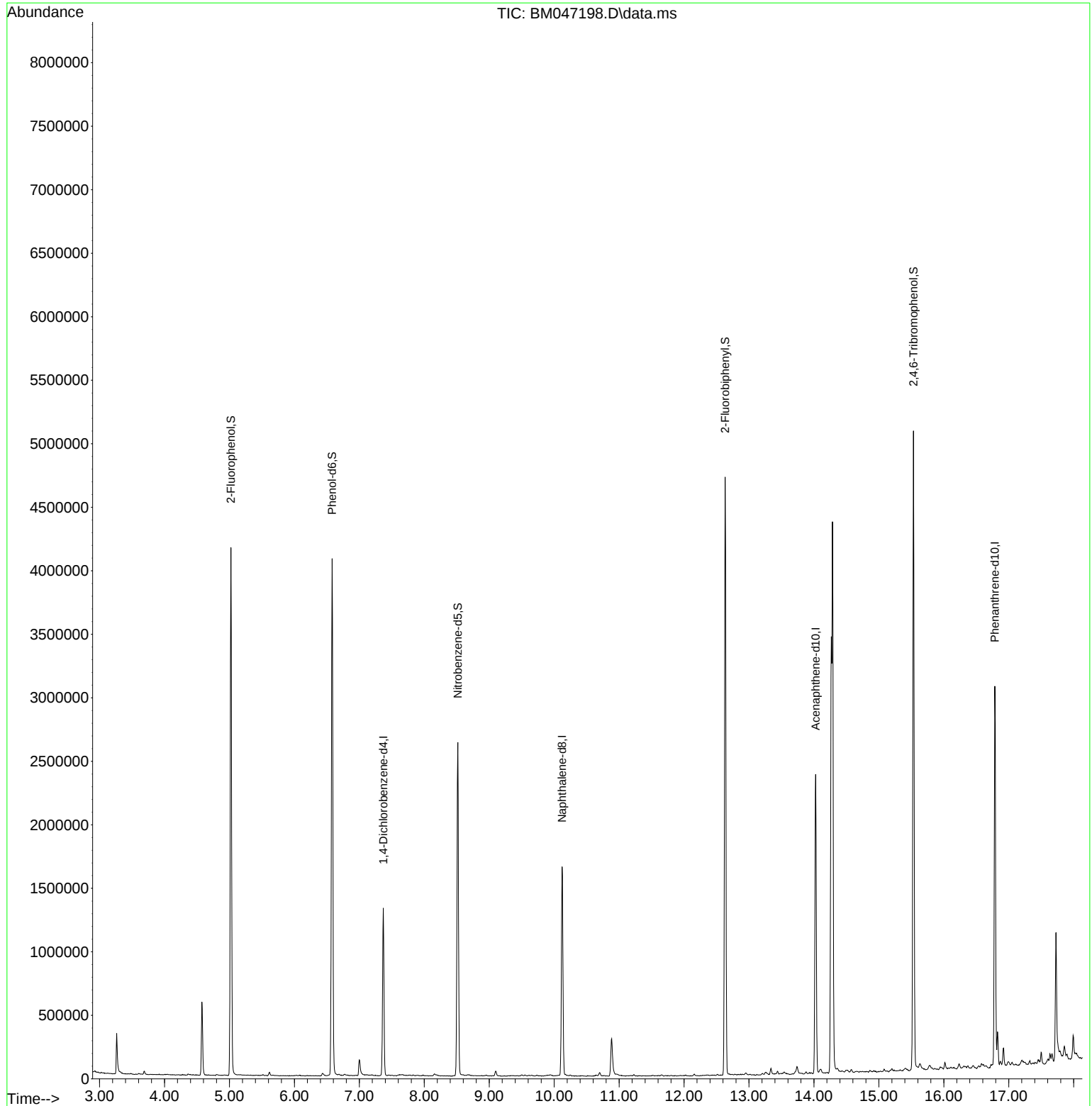
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration



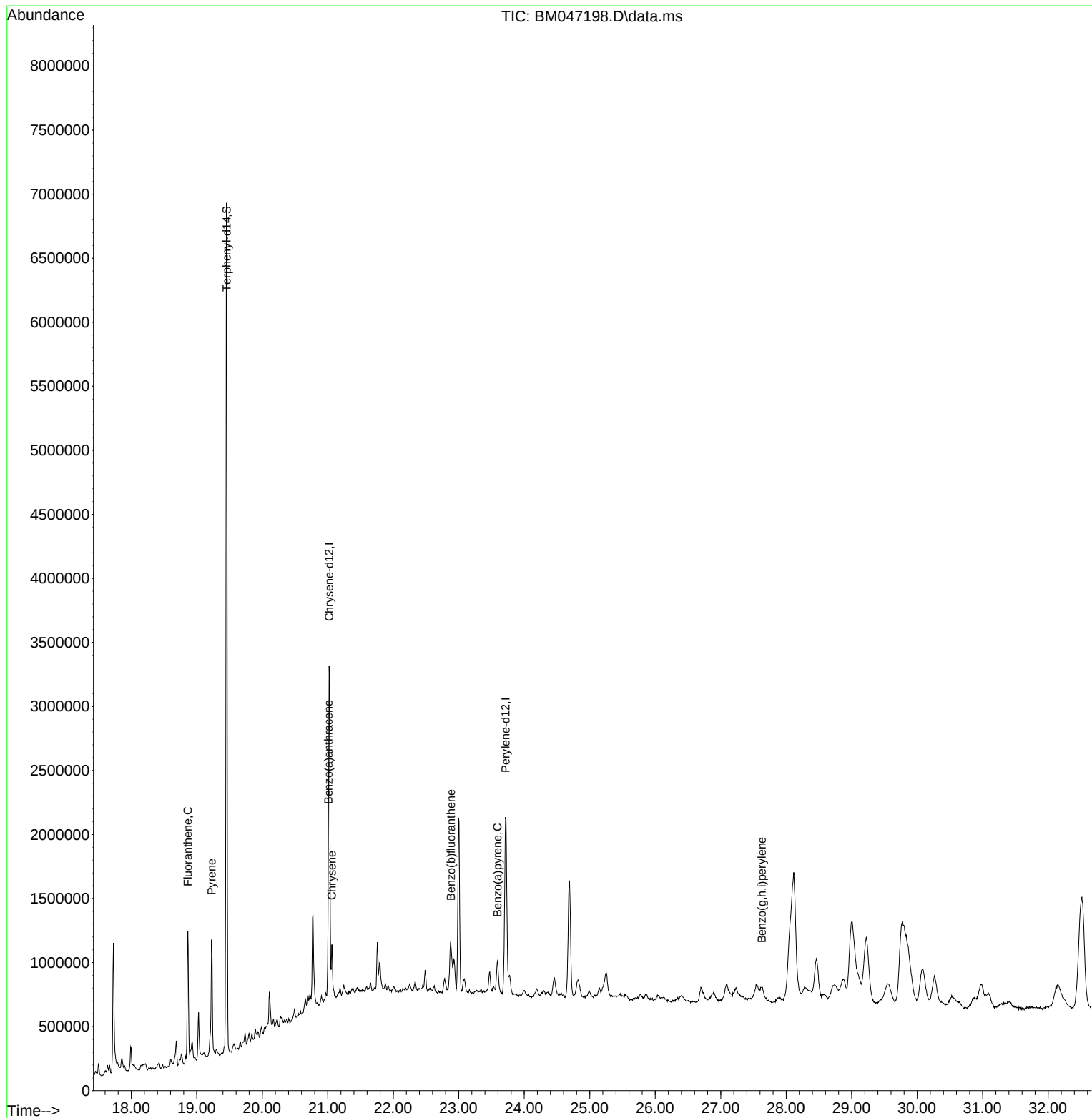
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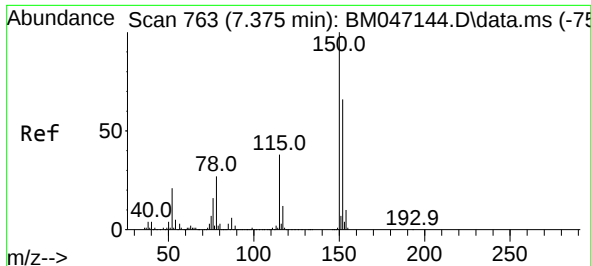
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ClientSampleId :
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Quant Time: Aug 15 02:35:20 2024
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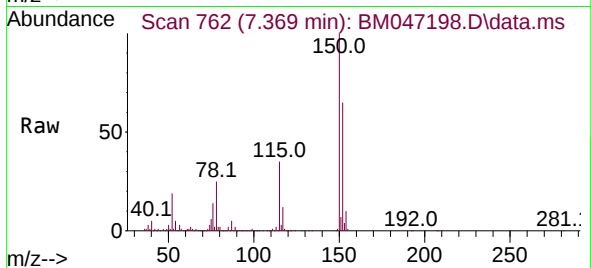
Reviewed By :Jagrut Upadhyay 08/15/2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 763
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

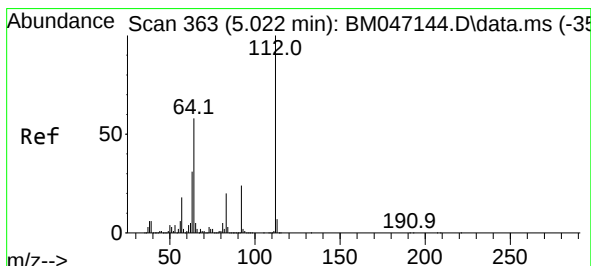
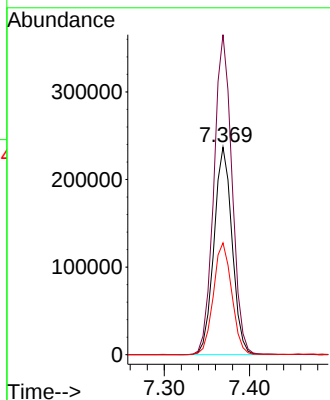
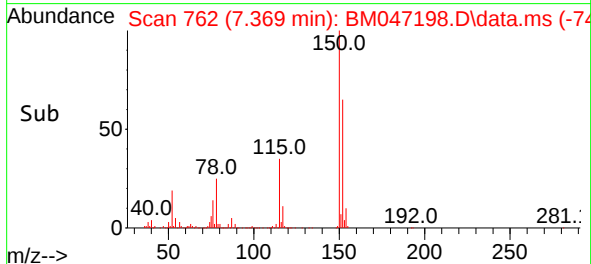
Instrument :
BNA_M
ClientSampleId :
OU4-TS-20-080724



Tgt Ion:152 Resp: 350609
Ion Ratio Lower Upper
152 100
150 154.2 120.5 180.7
115 53.9 45.5 68.3

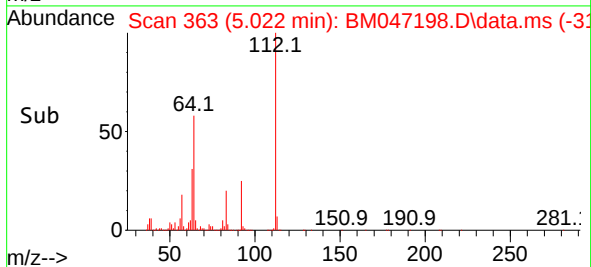
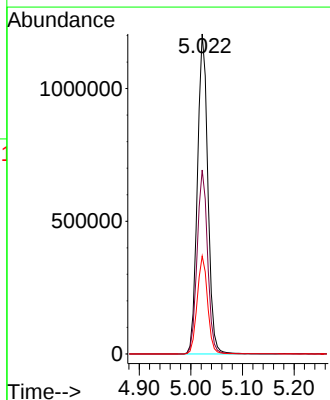
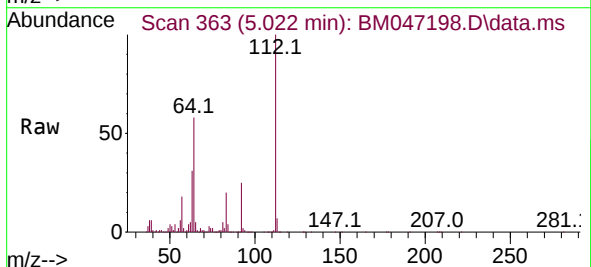
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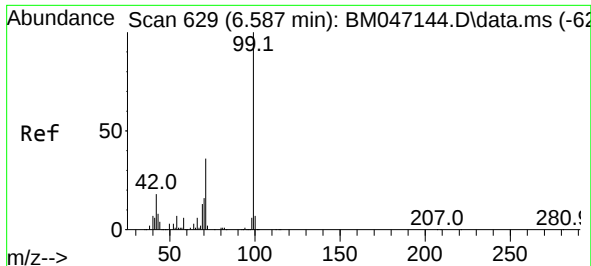
Reviewed By :Jagrut Upadhyay 08/15/2024
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#5
2-Fluorophenol
Concen: 86.290 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

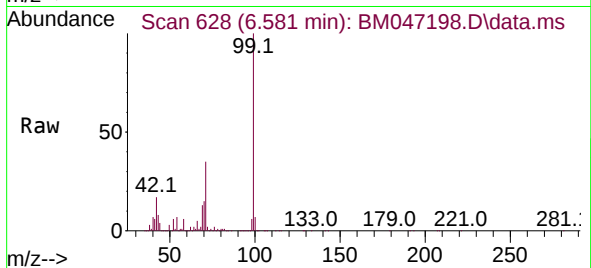
Tgt Ion:112 Resp: 1693150
Ion Ratio Lower Upper
112 100
64 57.5 46.7 70.1
63 30.6 24.8 37.2





#7
Phenol-d6
Concen: 84.023 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

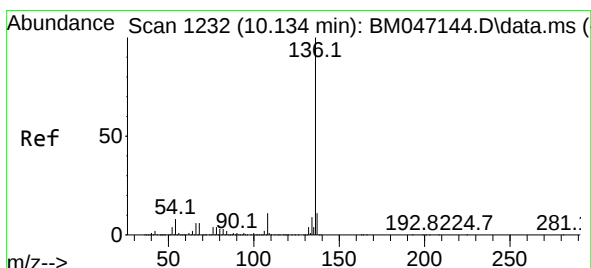
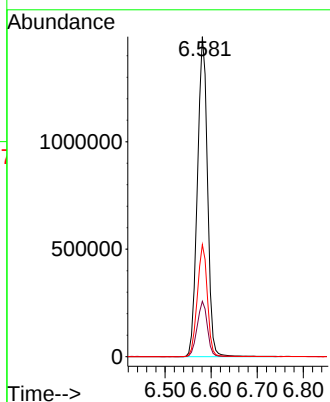
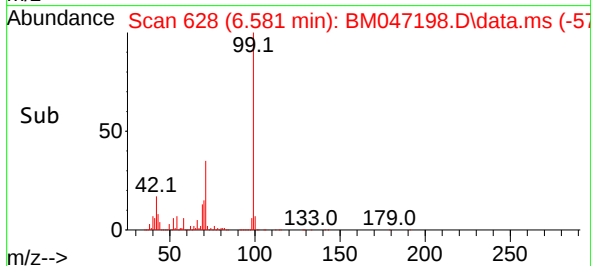
Instrument :
BNA_M
ClientSampleId :
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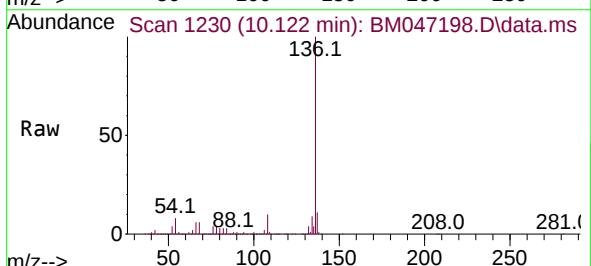
Tgt Ion: 99 Resp: 2271724
Ion Ratio Lower Upper
99 100
42 17.3 14.1 21.1
71 35.0 28.5 42.7

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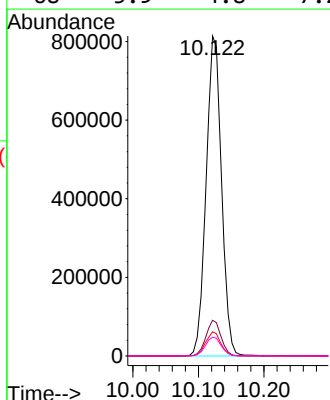
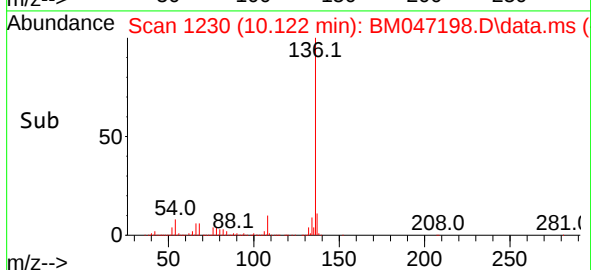
Reviewed By :Jagrut Upadhyay 08/15/2024
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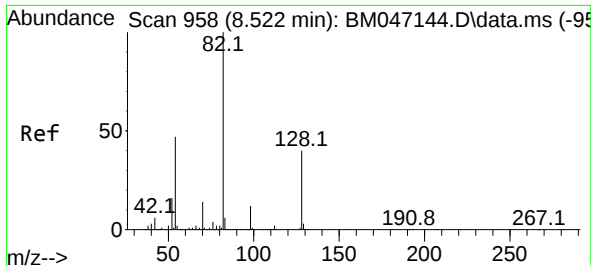


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31



Tgt Ion:136 Resp: 1331382
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 6.0 9.0
68 5.9 4.8 7.2





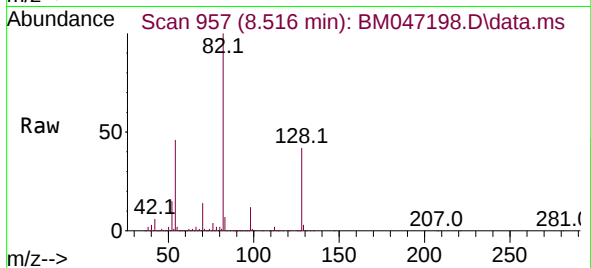
#23
Nitrobenzene-d5
Concen: 56.222 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

OU4-TS-20-080724

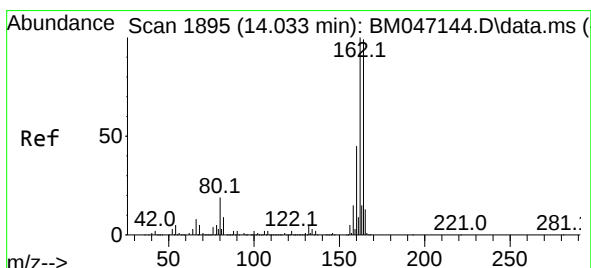
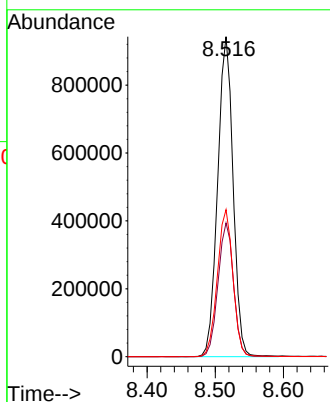
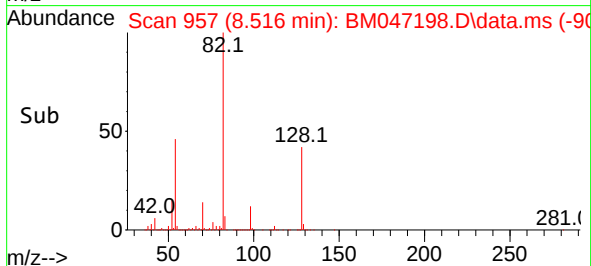


Tgt Ion: 82 Resp: 148656
Ion Ratio Lower Upper
82 100
128 41.8 32.3 48.5
54 46.0 37.4 56.2

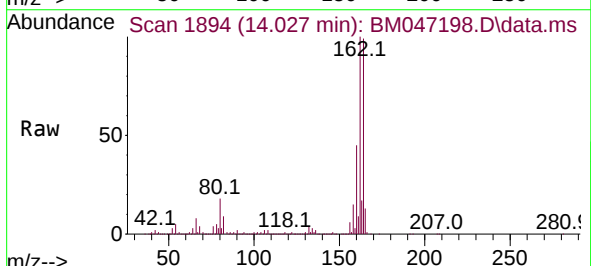
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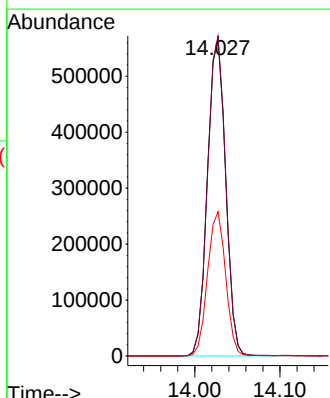
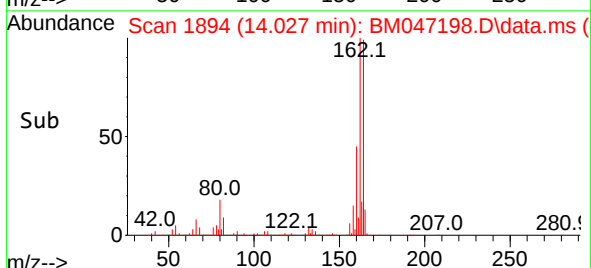
Reviewed By :Jagrut Upadhyay 08/15/2024
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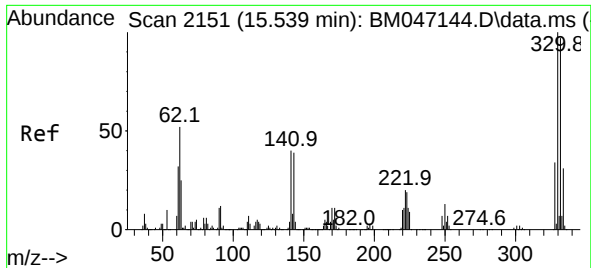


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31



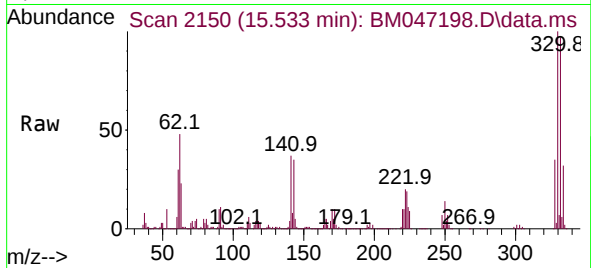
Tgt Ion:164 Resp: 840531
Ion Ratio Lower Upper
164 100
162 101.0 80.7 121.1
160 45.5 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 87.909 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

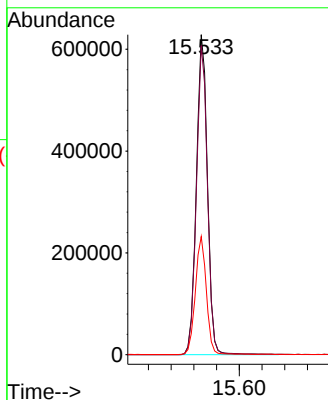
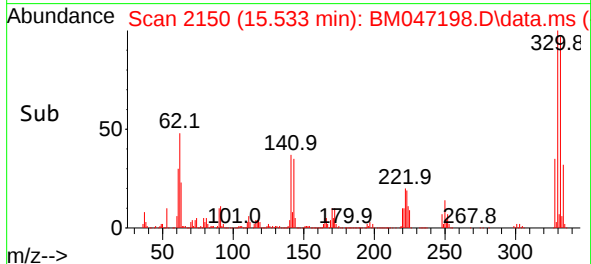
Instrument :
BNA_M
ClientSampleId :
OU4-TS-20-080724



Tgt Ion:330 Resp: 856768
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 36.5 31.6 47.4

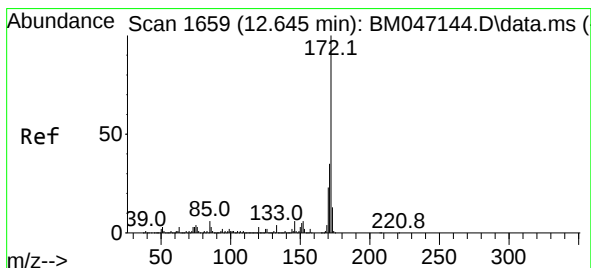
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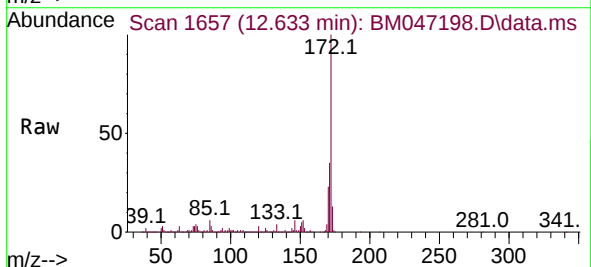


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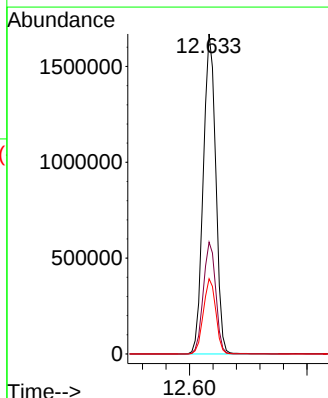
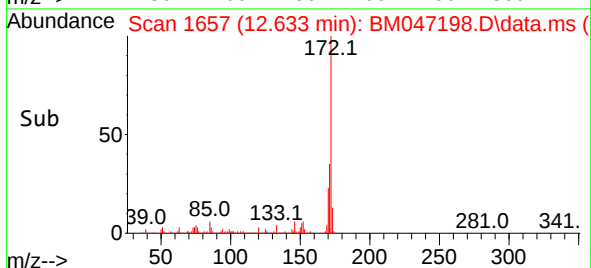
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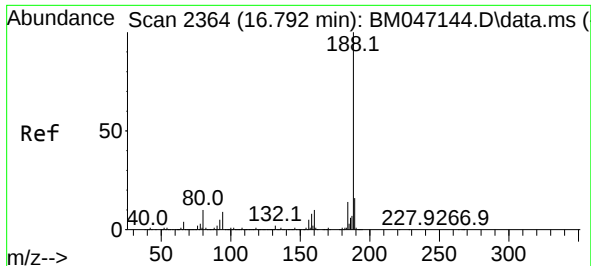


#45
2-Fluorobiphenyl
Concen: 45.309 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31



Tgt Ion:172 Resp: 2468911
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

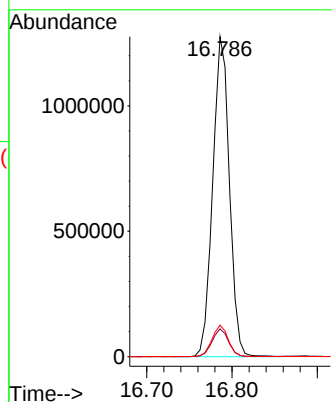
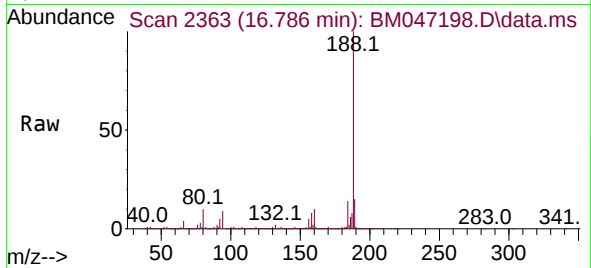
OU4-TS-20-080724

Tgt Ion:188 Resp: 173828
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.9 8.0 12.0

Manual Integrations

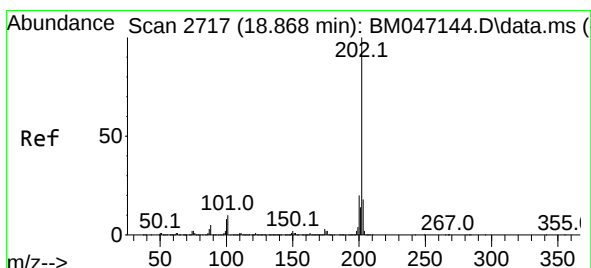
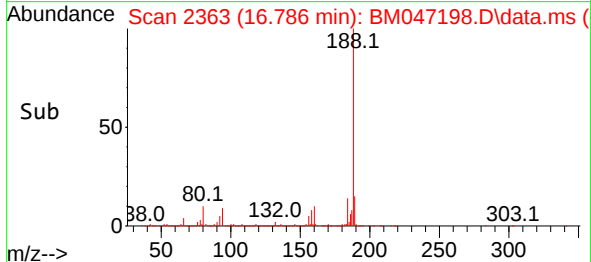
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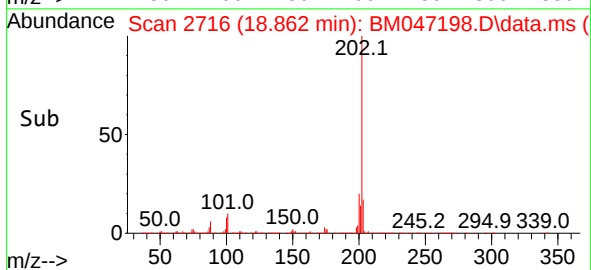
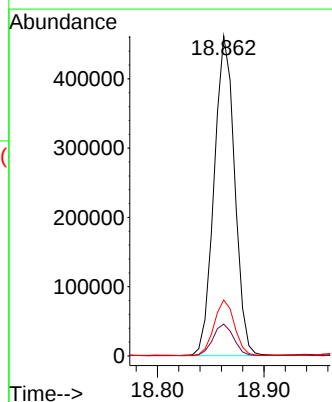
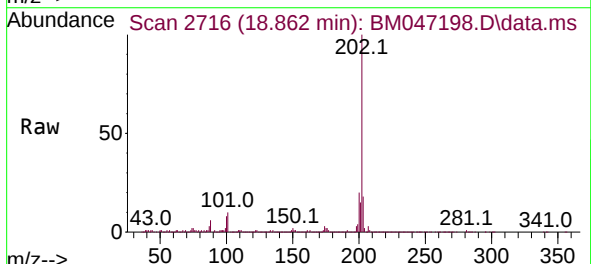
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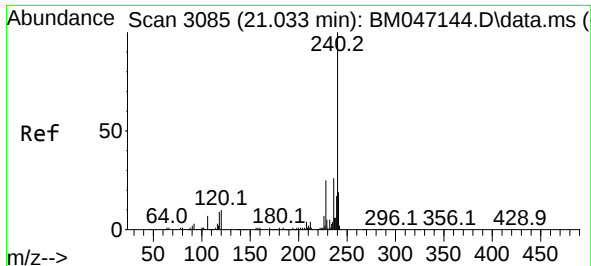
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#75
Fluoranthene
Concen: 5.806 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

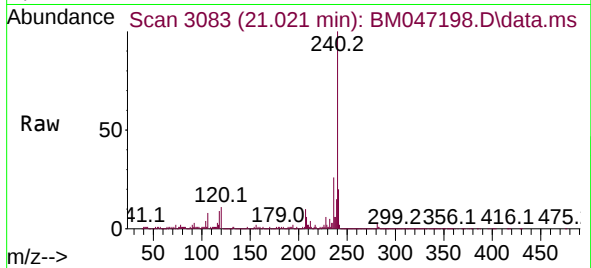
Tgt Ion:202 Resp: 616050
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.5 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3085
Delta R.T. -0.012 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

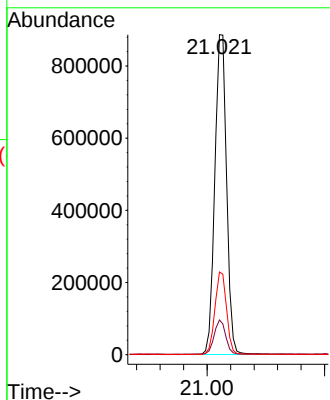
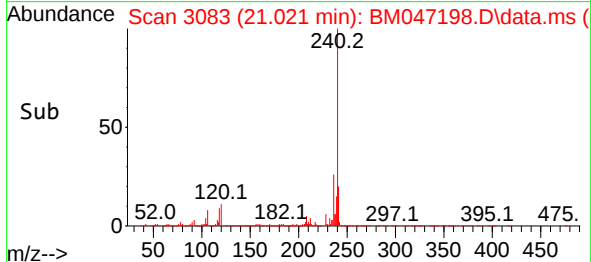
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Tgt Ion:240 Resp: 123238
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 25.8 20.6 30.8

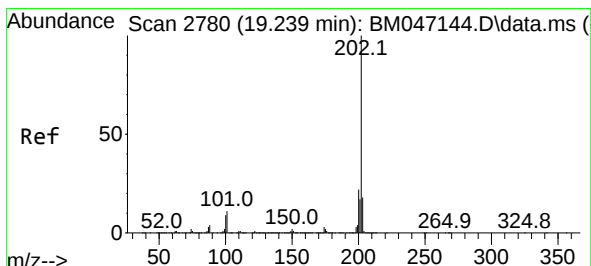
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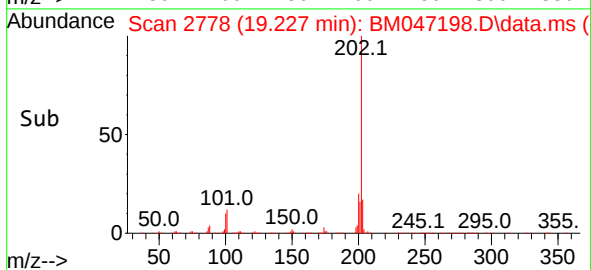
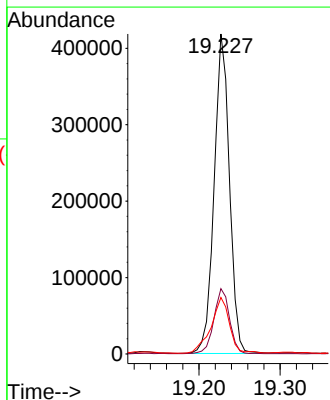
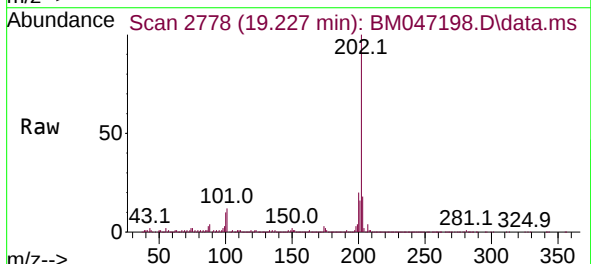
08/15/2024
Supervised By :mohammad
ahmed

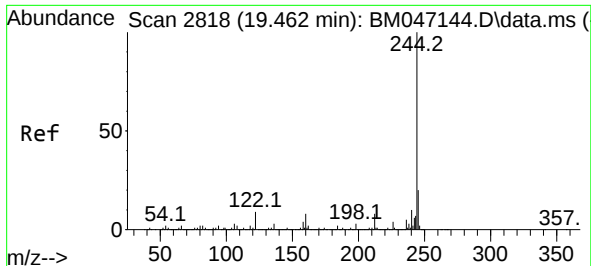
08/16/2024



#78
Pyrene
Concen: 6.240 ng
RT: 19.227 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

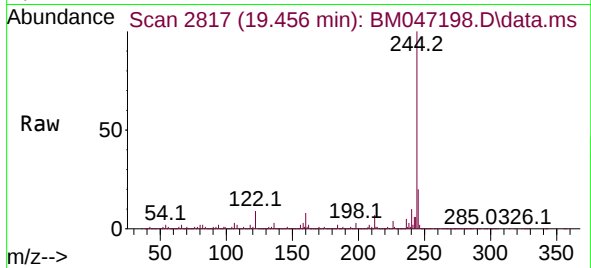
Tgt Ion:202 Resp: 549095
Ion Ratio Lower Upper
202 100
200 20.4 17.2 25.8
203 17.7 14.2 21.2





#79
Terphenyl-d14
Concen: 54.051 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

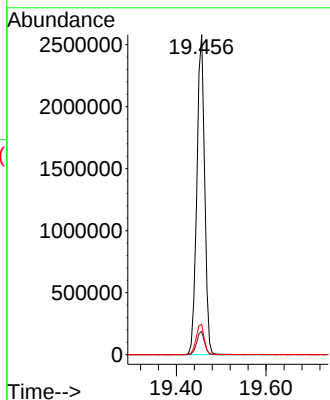
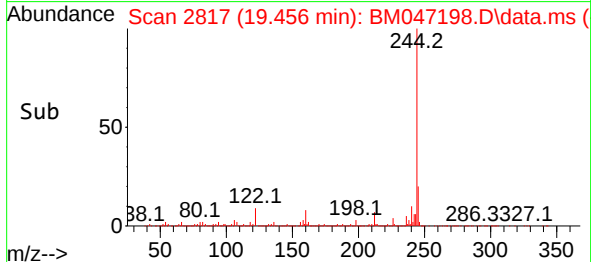
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Tgt Ion:244 Resp: 3108694
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 9.5 7.1 10.7

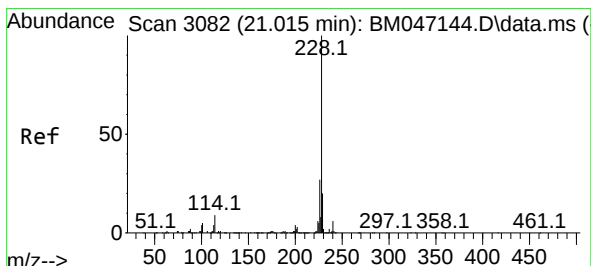
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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



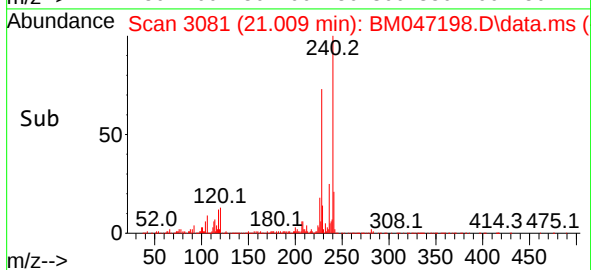
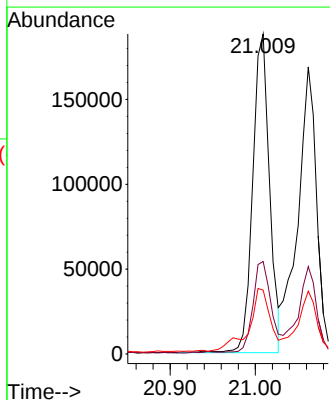
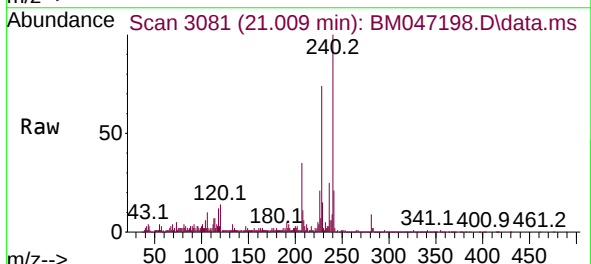
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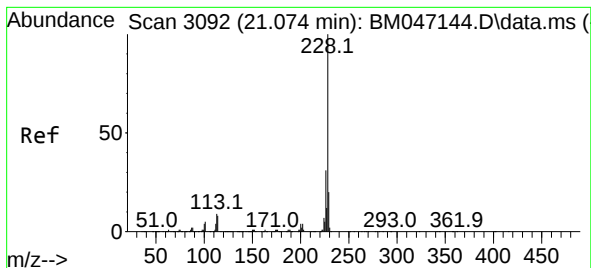
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#81
Benzo(a)anthracene
Concen: 3.147 ng
RT: 21.009 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

Tgt Ion:228 Resp: 257504
Ion Ratio Lower Upper
228 100
226 28.9 21.8 32.6
229 20.0 15.8 23.8





#83

Chrysene

Concen: 3.341 ng m

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047198.D

Acq: 14 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

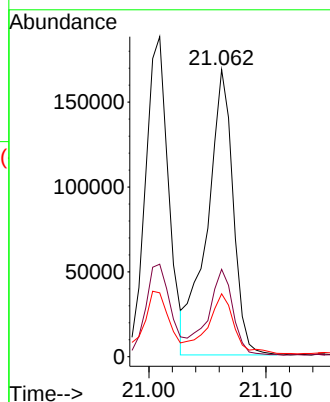
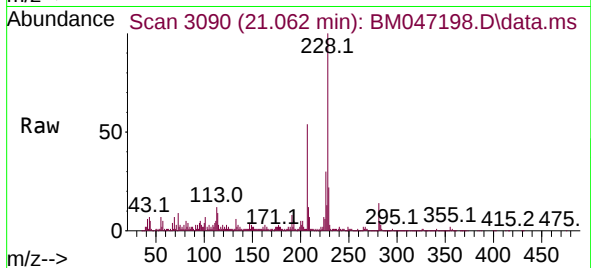
OU4-TS-20-080724

Tgt Ion:	228	Resp:	25930
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.4	36.6
229	21.9	15.7	23.5

Manual Integrations

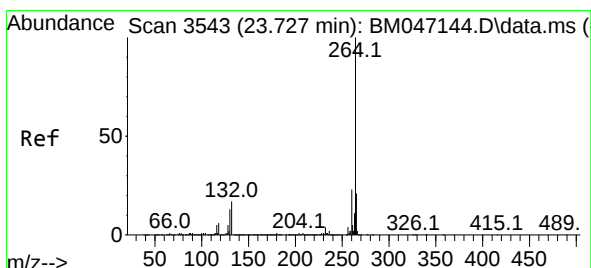
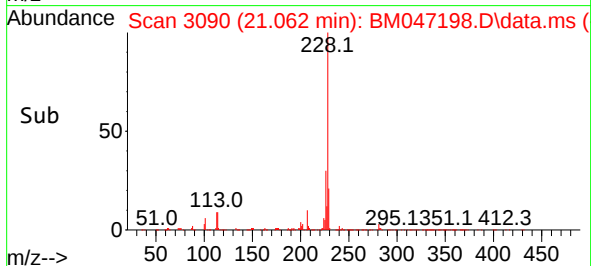
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#86

Perylene-d12

Concen: 20.000 ng

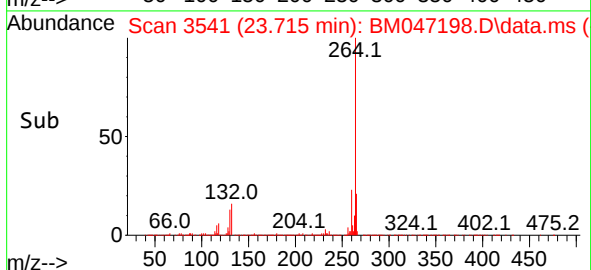
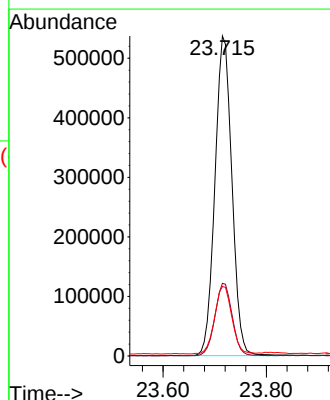
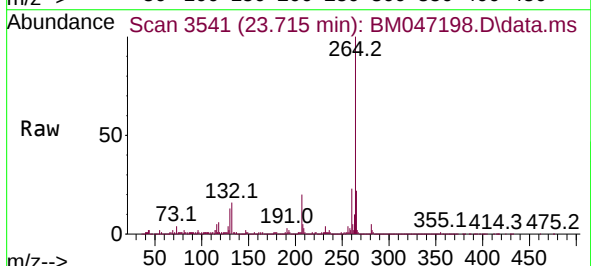
RT: 23.715 min Scan# 3541

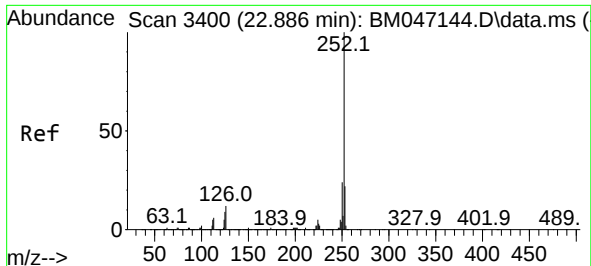
Delta R.T. -0.012 min

Lab File: BM047198.D

Acq: 14 Aug 2024 19:31

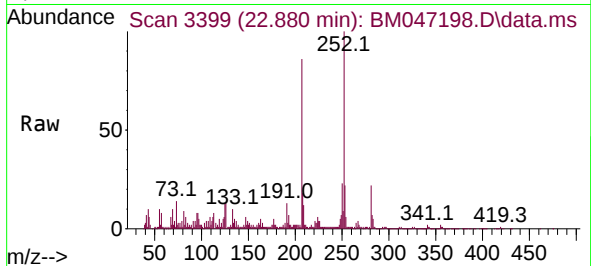
Tgt Ion:	264	Resp:	1222159
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.5	27.7
265	21.7	17.3	25.9





#88
Benzo(b)fluoranthene
Concen: 4.711 ng
RT: 22.880 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

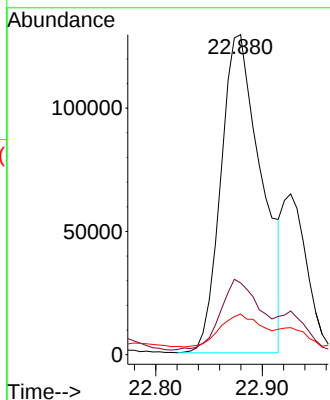
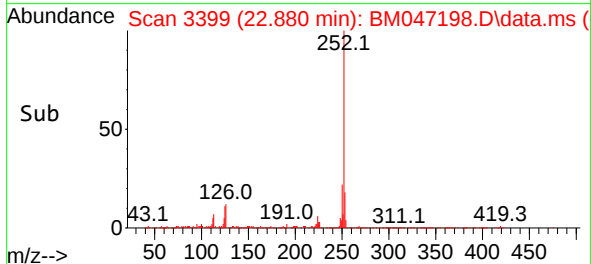
Instrument :
BNA_M
ClientSampleId :
OU4-TS-20-080724



Tgt Ion:252 Resp: 34194
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.7 7.4 11.0

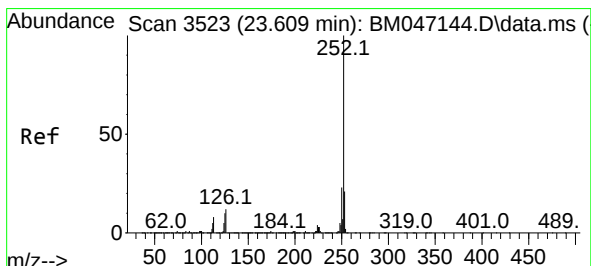
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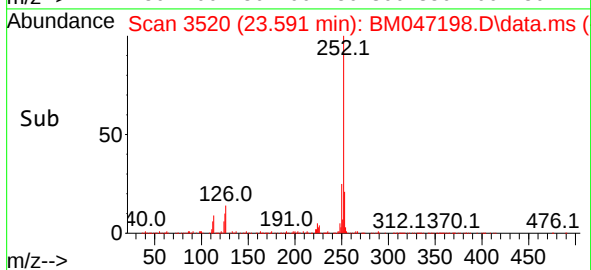
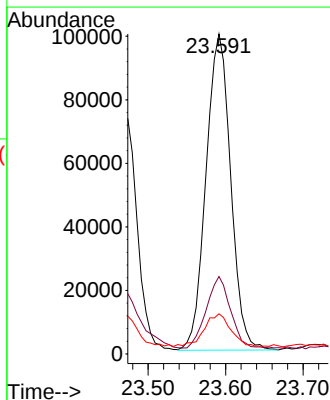
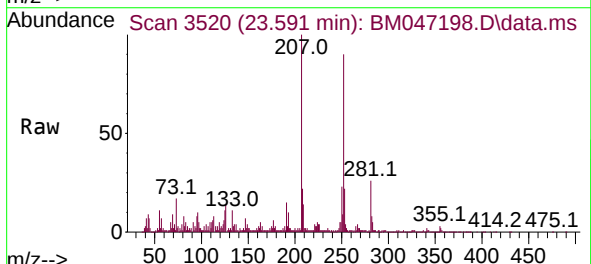
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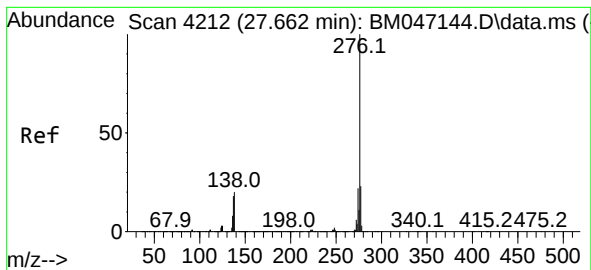
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#90
Benzo(a)pyrene
Concen: 3.505 ng
RT: 23.591 min Scan# 3520
Delta R.T. -0.018 min
Lab File: BM047198.D
Acq: 14 Aug 2024 19:31

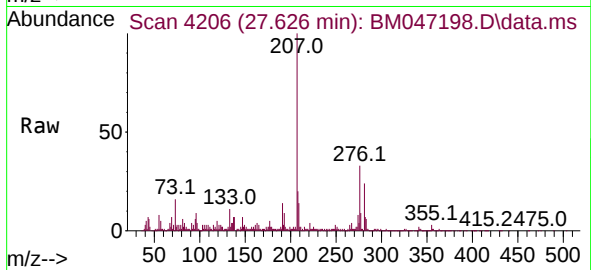
Tgt Ion:252 Resp: 220371
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 12.6 8.2 12.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.382 ng
 RT: 27.626 min Scan# 41
 Delta R.T. -0.036 min
 Lab File: BM047198.D
 Acq: 14 Aug 2024 19:31

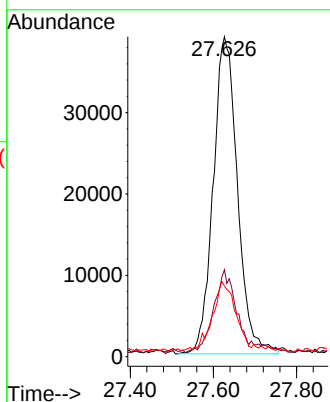
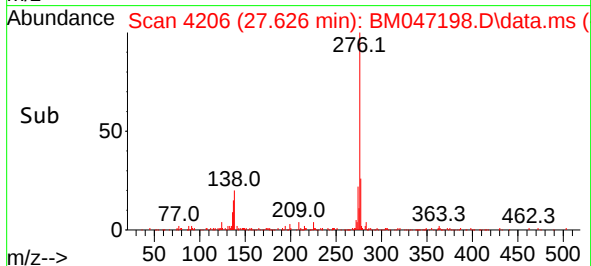
Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-20-080724



Tgt Ion:276 Resp: 15809
 Ion Ratio Lower Upper
 276 100
 277 27.2 18.8 28.2
 138 22.1 16.2 24.4

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