

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082924\
 Data File : BM047394.D
 Acq On : 29 Aug 2024 15:06
 Operator : RC/JU
 Sample : P3775-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-865-N-SO-1-1.5-082824

Quant Time: Aug 29 15:41:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
 Supervised By :mohammad ahmed 09/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	234482	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	886939	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	618552	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1326798	20.000	ng	0.00
76) Chrysene-d12	21.015	240	1156999	20.000	ng	0.00
86) Perylene-d12	23.715	264	1116746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	880316	72.028	ng	0.00
7) Phenol-d6	6.569	99	1180398	70.898	ng	0.00
23) Nitrobenzene-d5	8.492	82	768062	48.049	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	585761	78.491	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	1803021	44.788	ng	0.00
79) Terphenyl-d14	19.445	244	2859067	43.985	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	14.863	149	267453	6.362	ng	99
71) Phenanthrene	16.815	178	154008	2.390	ng	99
74) Di-n-butylphthalate	17.768	149	368050	5.014	ng	100
75) Fluoranthene	18.851	202	522726	6.909	ng	98
78) Pyrene	19.221	202	490728	5.530	ng	99
81) Benzo(a)anthracene	20.997	228	301097	3.991	ng	97
83) Chrysene	21.056	228	257627	3.630	ng	96
84) Bis(2-ethylhexyl)phtha...	20.950	149	234945	4.787	ng	99
87) Indeno(1,2,3-cd)pyrene	26.721	276	182116	2.605	ng	97
88) Benzo(b)fluoranthene	22.874	252	350656	5.382	ng	98
89) Benzo(k)fluoranthene	22.927	252	124537m	2.016	ng	
90) Benzo(a)pyrene	23.586	252	263672	4.680	ng	99
92) Benzo(g,h,i)perylene	27.644	276	196179	3.332	ng	99

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

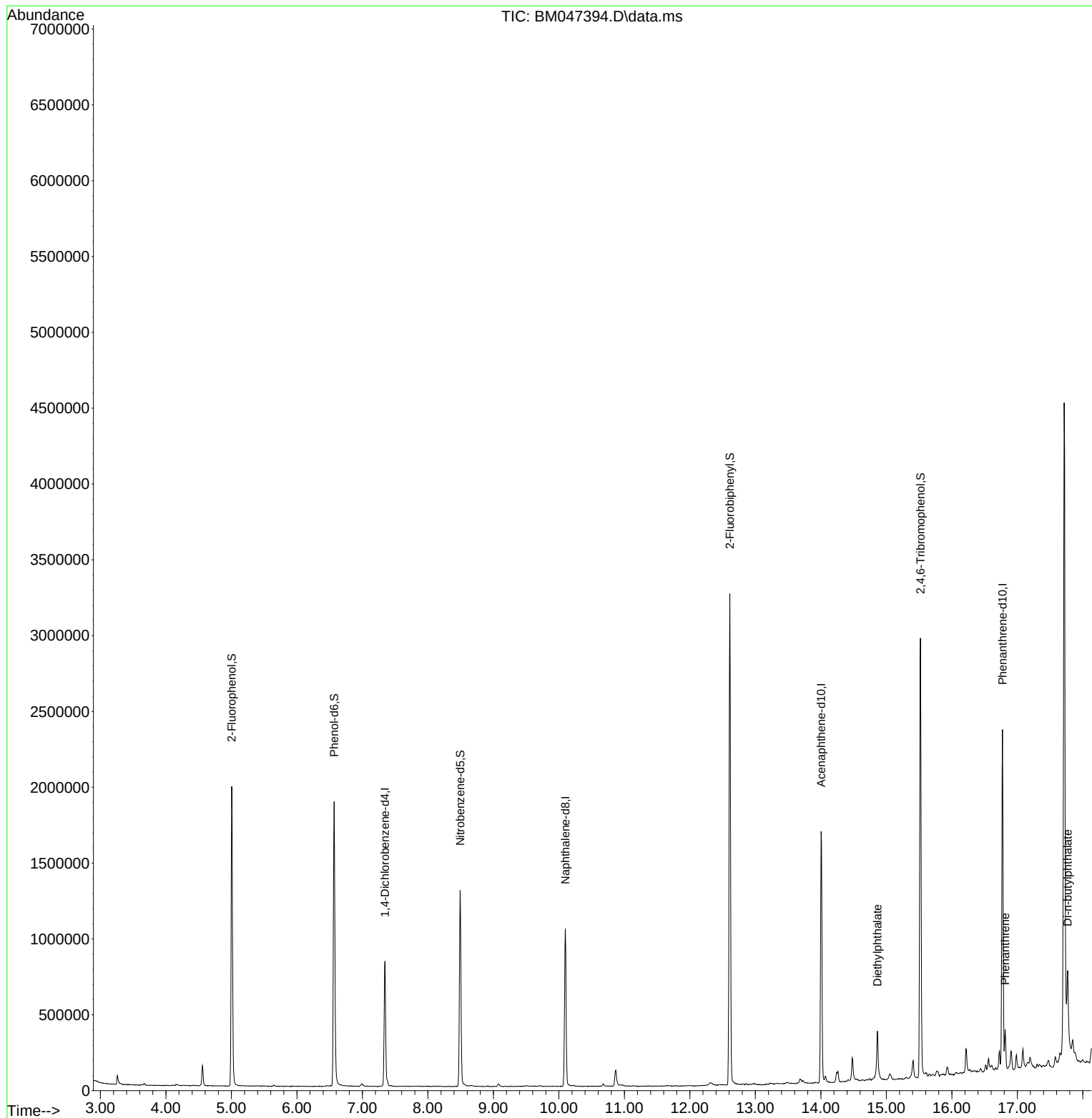
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082924\
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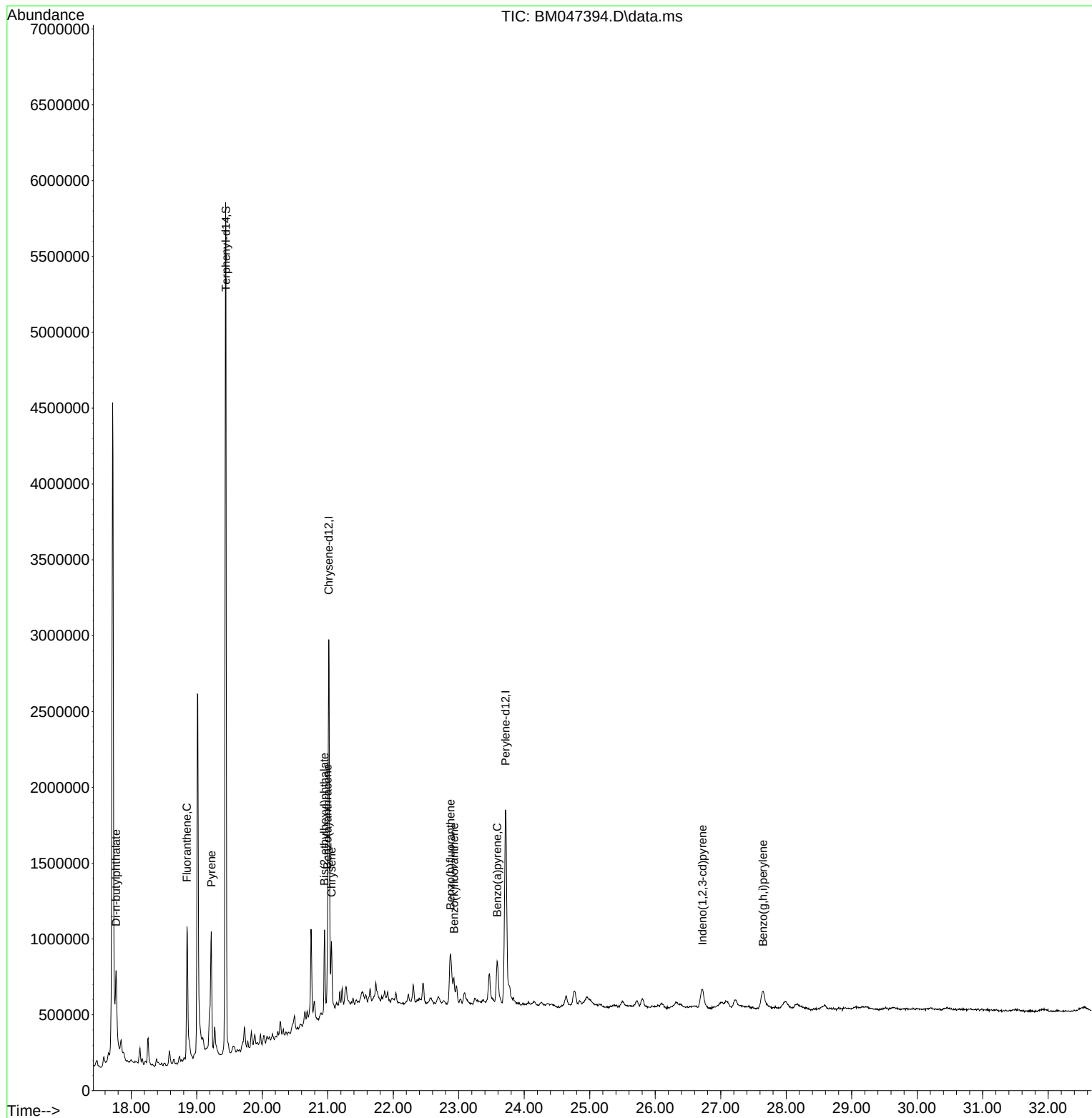
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Data File : BM047394.D
Acq On : 29 Aug 2024 15:06
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ALS Vial : 7 Sample Multiplier: 1

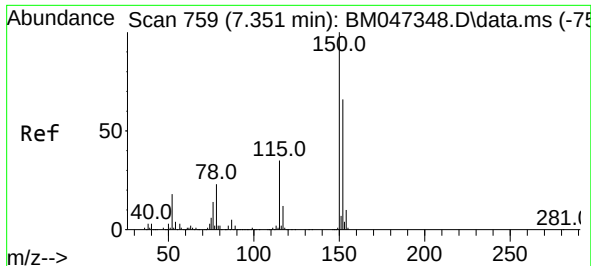
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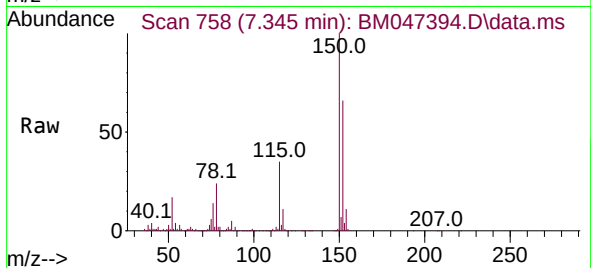
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 759
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

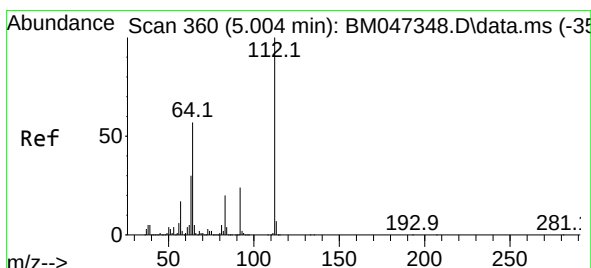
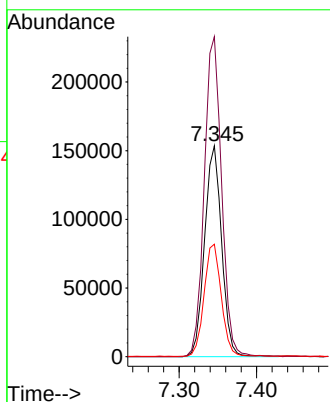
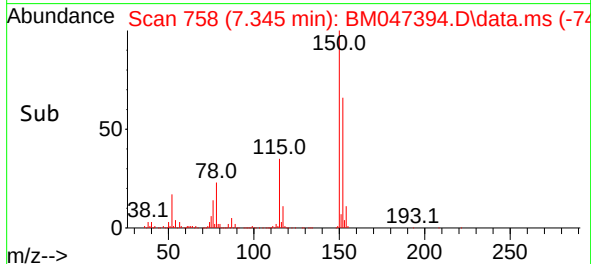
Instrument :
BNA_M
ClientSampleId :
S-865-N-SO-1-1.5-082824



Tgt Ion:152 Resp: 23448
Ion Ratio Lower Upper
152 100
150 151.8 121.3 181.9
115 53.4 42.6 64.0

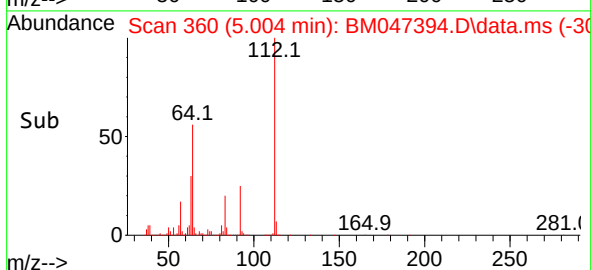
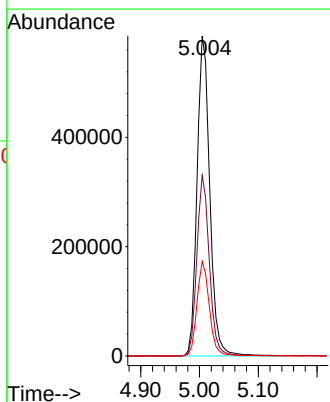
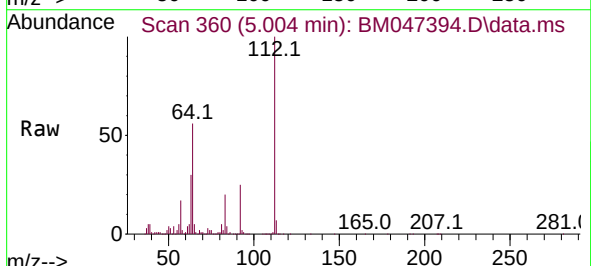
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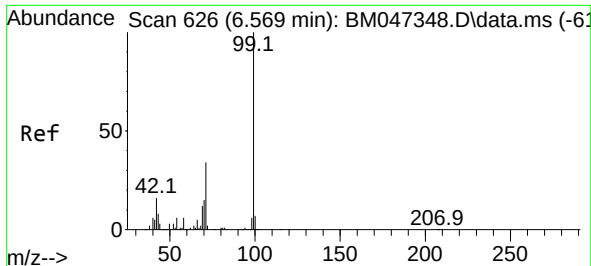
Reviewed By :Jagrut Upadhyay 08/30/2024
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#5
2-Fluorophenol
Concen: 72.028 ng
RT: 5.004 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

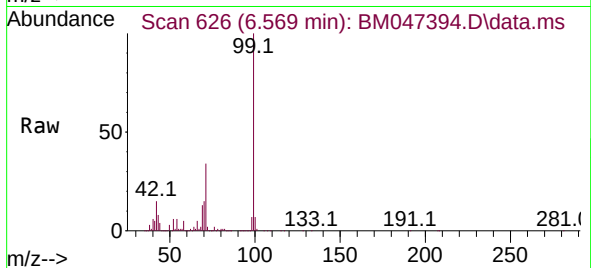
Tgt Ion:112 Resp: 880316
Ion Ratio Lower Upper
112 100
64 56.4 45.7 68.5
63 29.6 23.8 35.8





#7
Phenol-d6
Concen: 70.898 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

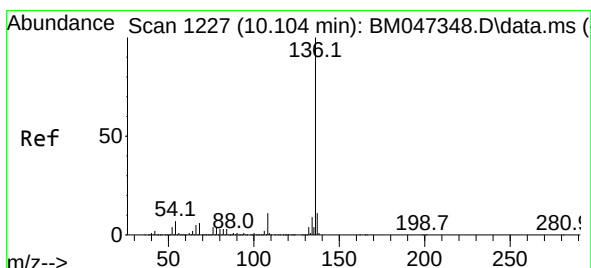
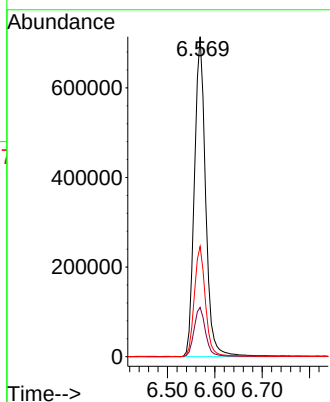
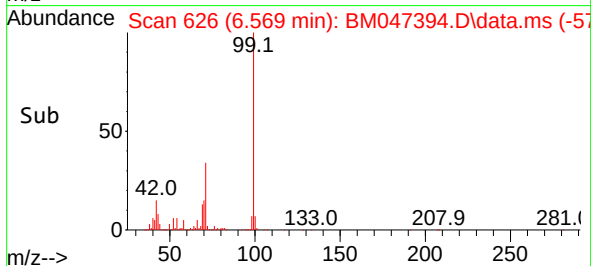
Instrument :
BNA_M
ClientSampleId :
S-865-N-SO-1-1.5-082824



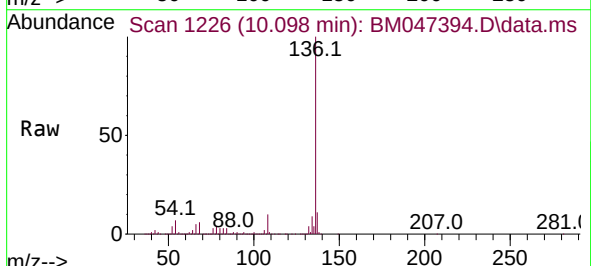
Tgt Ion: 99 Resp: 1180398
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 34.4 27.5 41.3

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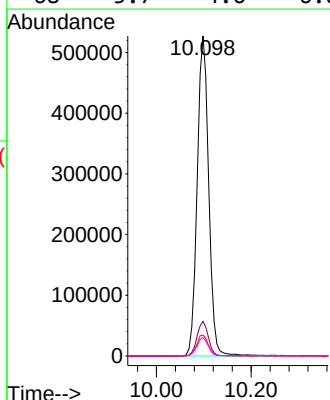
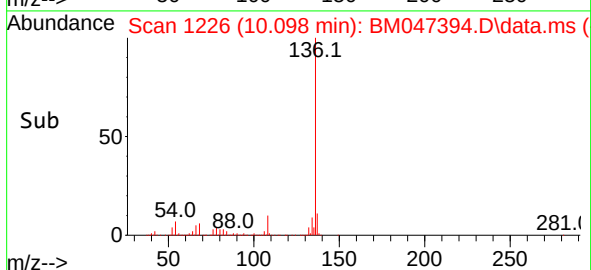
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

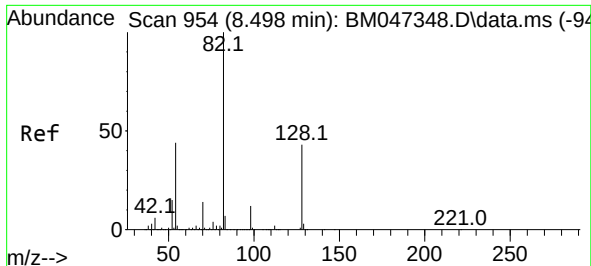


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06



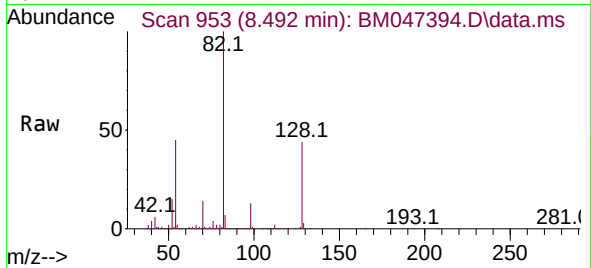
Tgt Ion:136 Resp: 886939
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.2 7.8
68 5.7 4.6 6.8





#23
Nitrobenzene-d5
Concen: 48.049 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

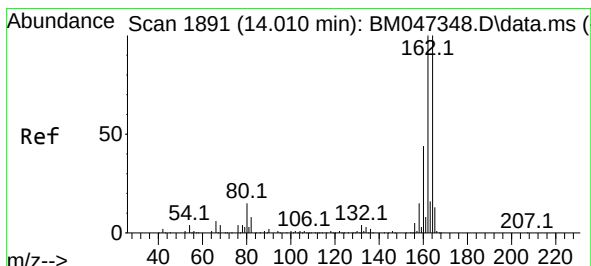
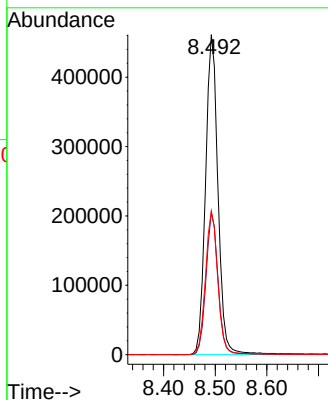
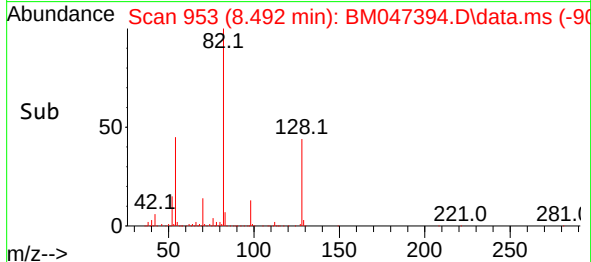
Instrument :
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Tgt Ion: 82 Resp: 768062
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 44.9 35.5 53.3

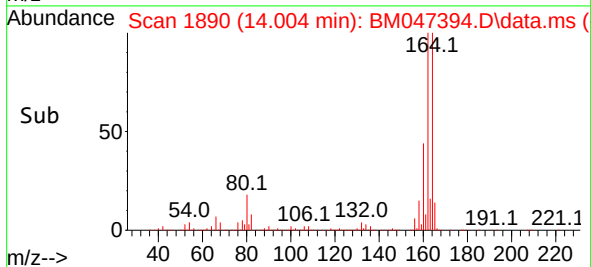
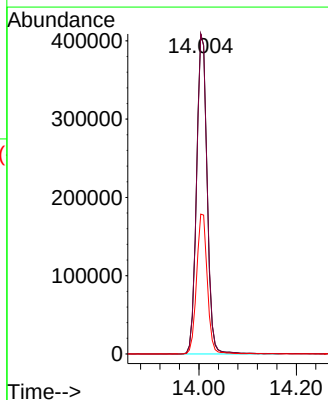
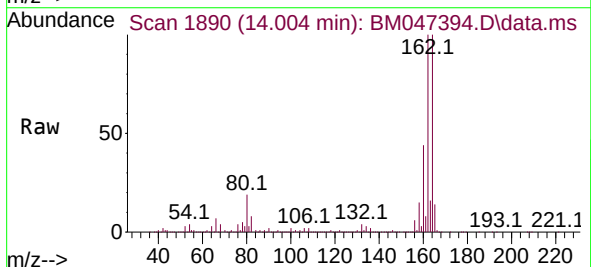
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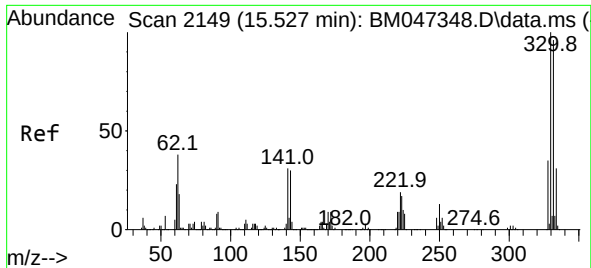
Reviewed By :Jagrut Upadhyay 08/30/2024
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

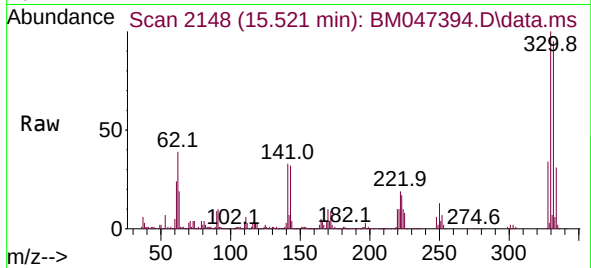
Tgt Ion:164 Resp: 618552
Ion Ratio Lower Upper
164 100
162 100.0 79.7 119.5
160 43.7 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 78.491 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

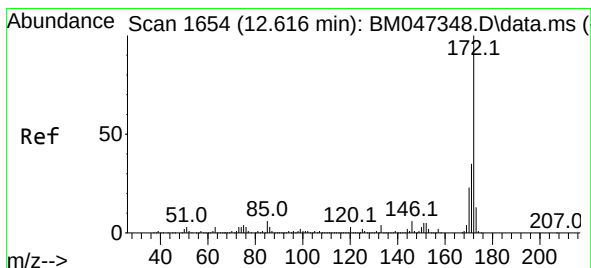
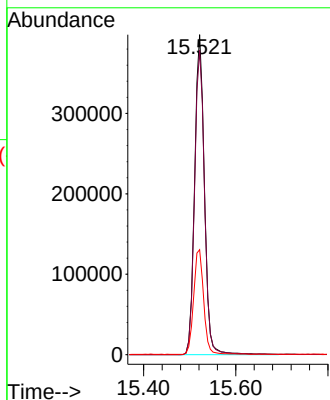
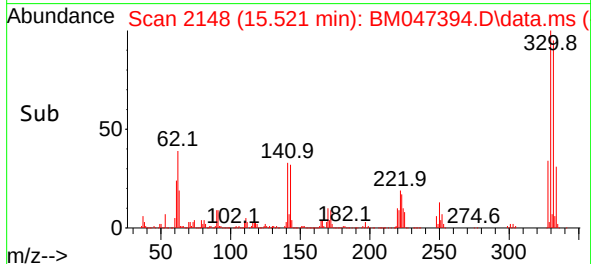
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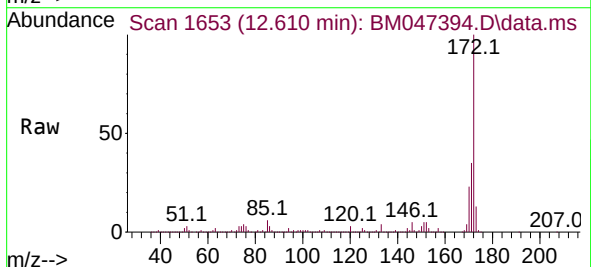
Tgt Ion:330 Resp: 58576
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 33.4 27.6 41.4

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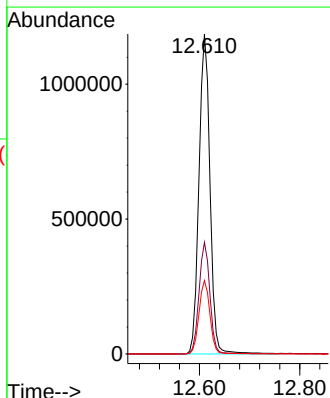
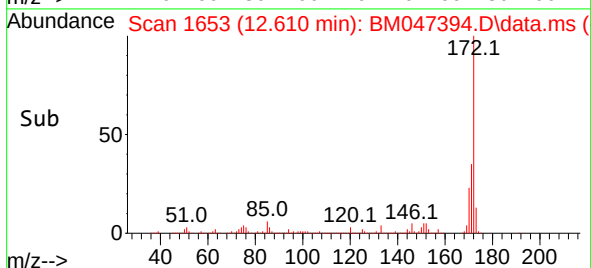
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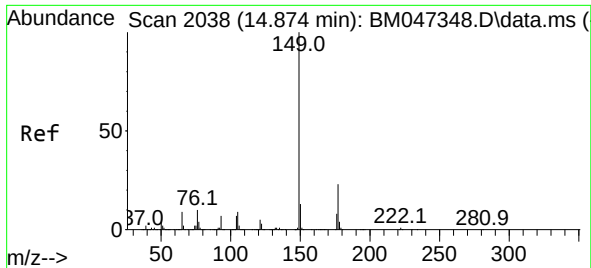


#45
2-Fluorobiphenyl
Concen: 44.788 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06



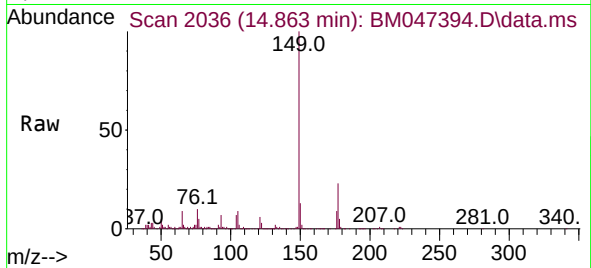
Tgt Ion:172 Resp: 1803021
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 22.9 18.5 27.7





#60
Diethylphthalate
Concen: 6.362 ng
RT: 14.863 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

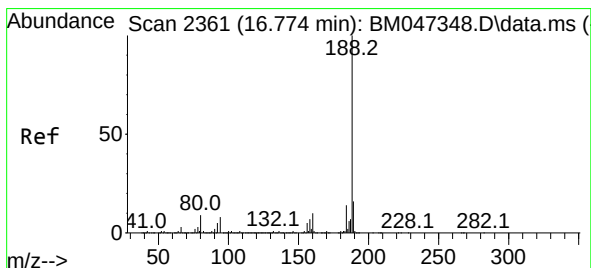
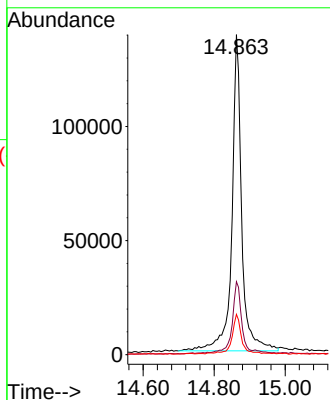
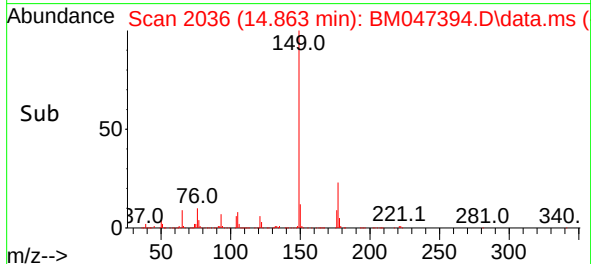
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Tgt Ion:149 Resp: 26745
Ion Ratio Lower Upper
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177 22.8 18.6 28.0
150 12.6 10.2 15.4

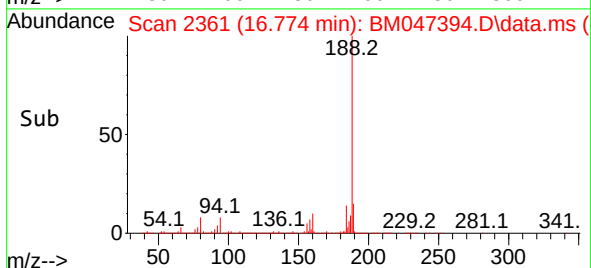
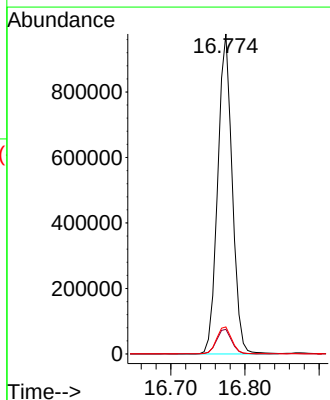
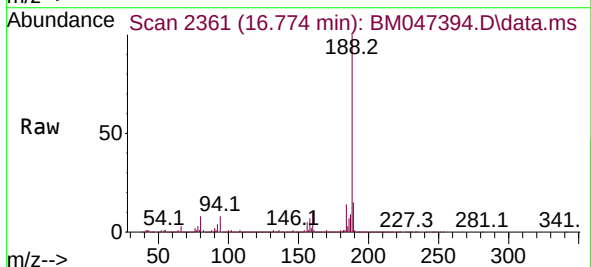
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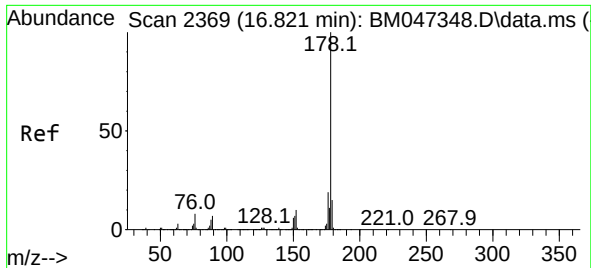
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

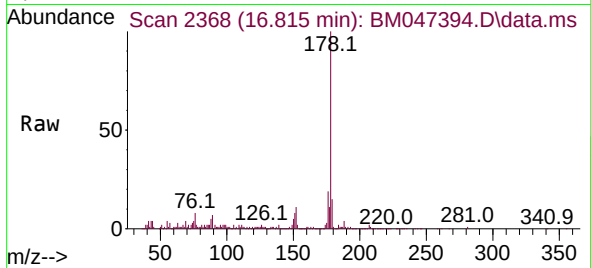
Tgt Ion:188 Resp: 1326798
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.4 7.4 11.2





#71
Phenanthrene
Concen: 2.390 ng
RT: 16.815 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

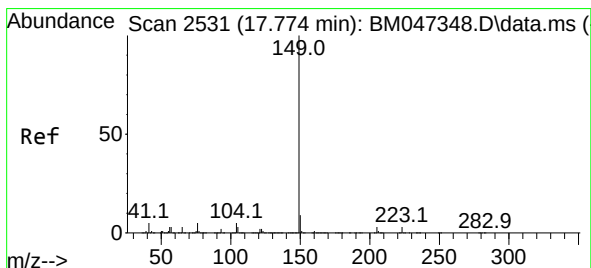
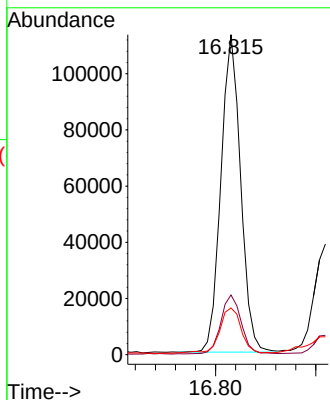
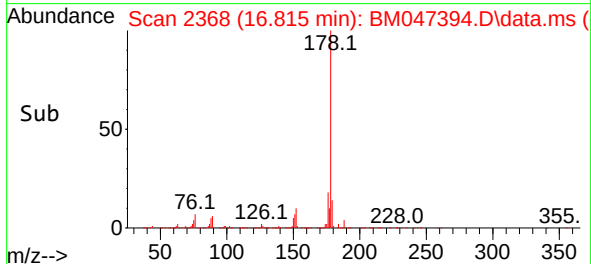
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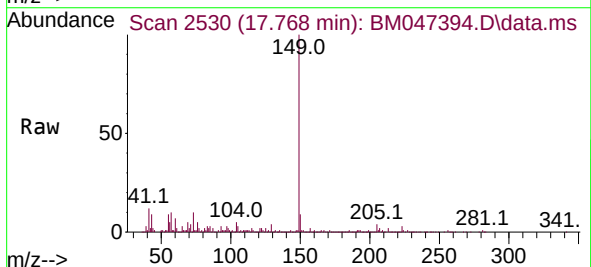
Tgt Ion:178 Resp: 154008
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 14.6 12.2 18.4

Manual Integrations
APPROVED

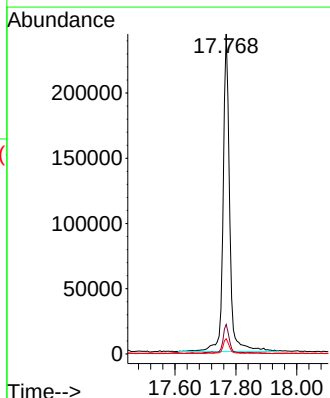
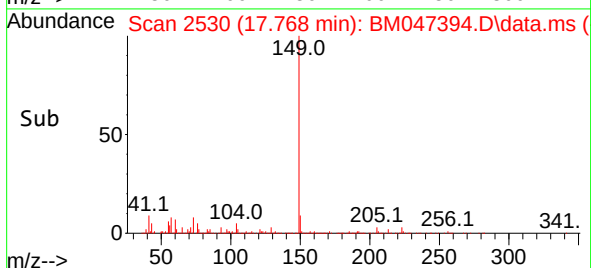
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

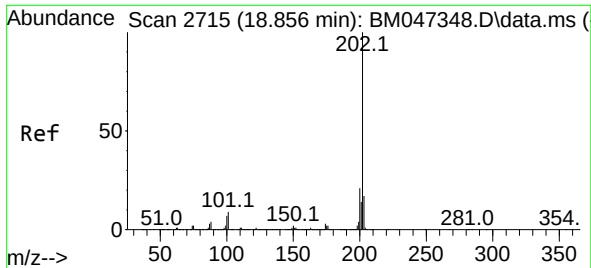


#74
Di-n-butylphthalate
Concen: 5.014 ng
RT: 17.768 min Scan# 2530
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06



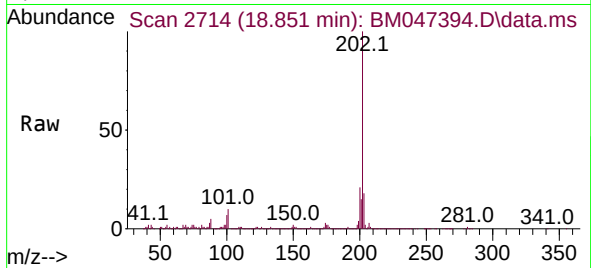
Tgt Ion:149 Resp: 368050
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 6.909 ng
RT: 18.851 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

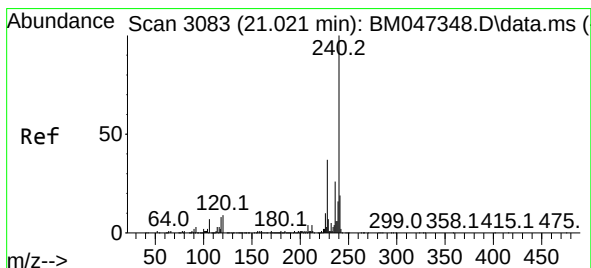
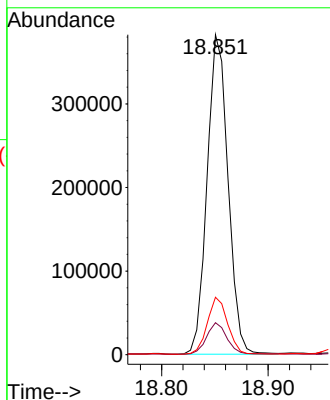
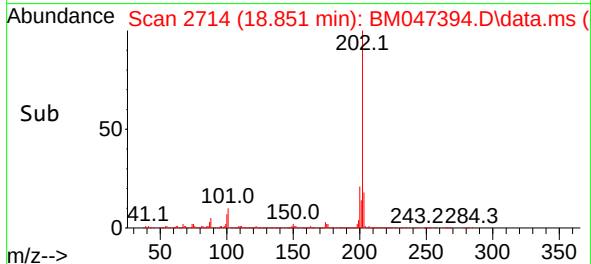
Instrument :
BNA_M
ClientSampleId :
S-865-N-SO-1-1.5-082824



Tgt Ion:202 Resp: 522720
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.0
203 17.9 0.0 37.5

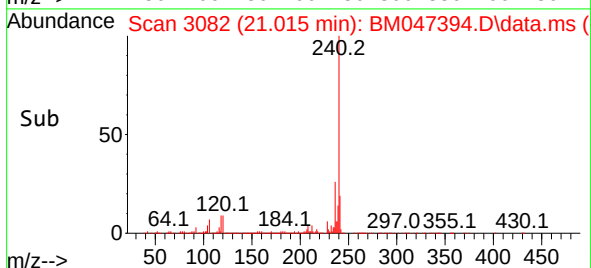
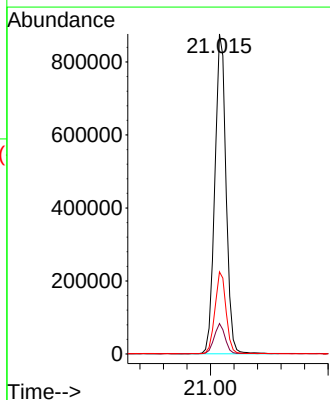
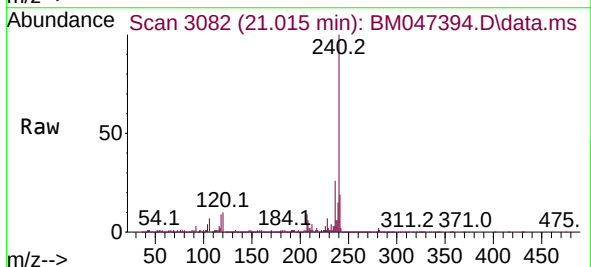
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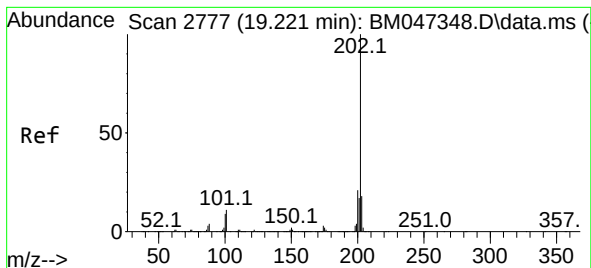
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

Tgt Ion:240 Resp: 1156999
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 25.6 20.8 31.2





#78

Pyrene

Concen: 5.530 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047394.D

Acq: 29 Aug 2024 15:06

Instrument :

BNA_M

ClientSampleId :

S-865-N-SO-1-1.5-082824

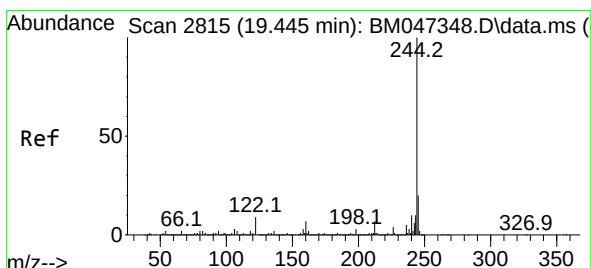
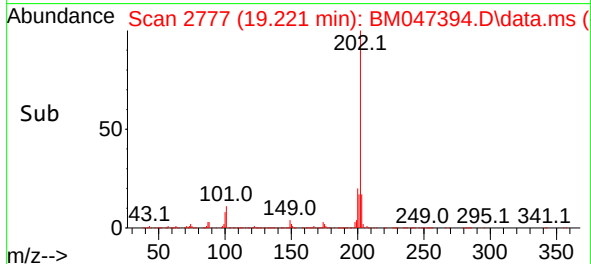
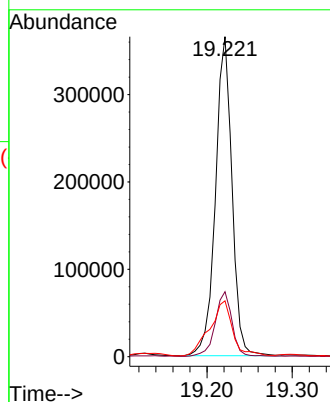
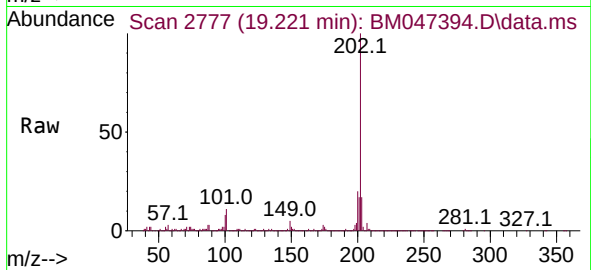
Tgt Ion:202 Resp: 490728

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.7	25.1
203	17.5	14.2	21.4

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Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#79

Terphenyl-d14

Concen: 43.985 ng

RT: 19.445 min Scan# 2815

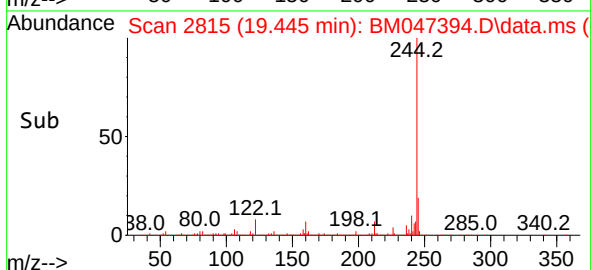
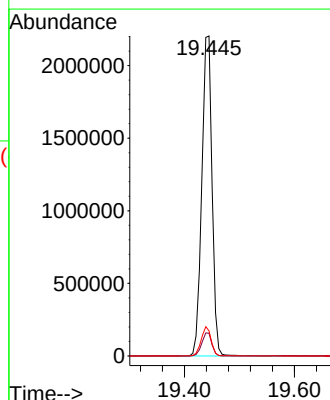
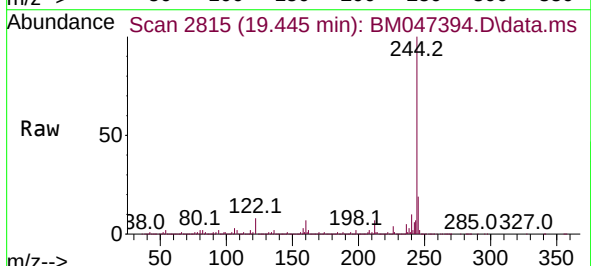
Delta R.T. 0.000 min

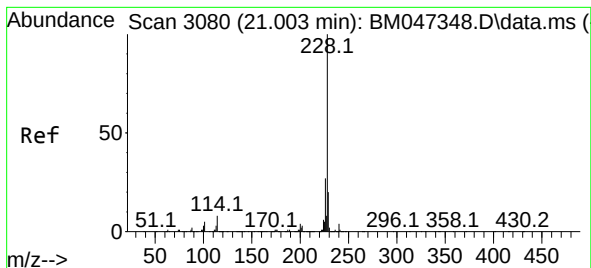
Lab File: BM047394.D

Acq: 29 Aug 2024 15:06

Tgt Ion:244 Resp: 2859067

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	7.9	7.0	10.4





#81

Benzo(a)anthracene

Concen: 3.991 ng

RT: 20.997 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BM047394.D

Acq: 29 Aug 2024 15:06

Instrument :

BNA_M

ClientSampleId :

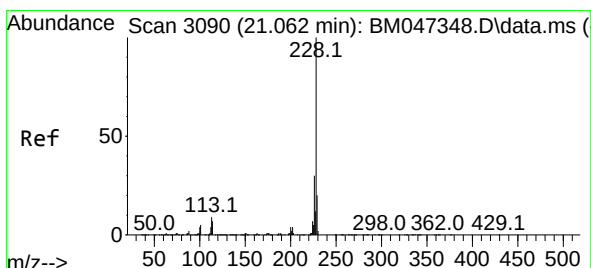
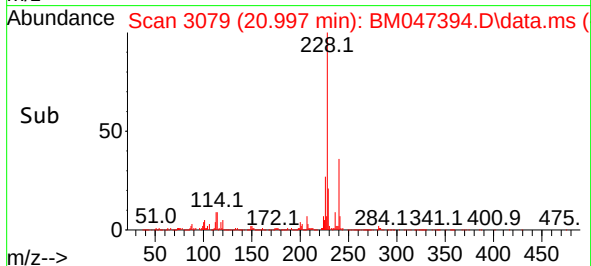
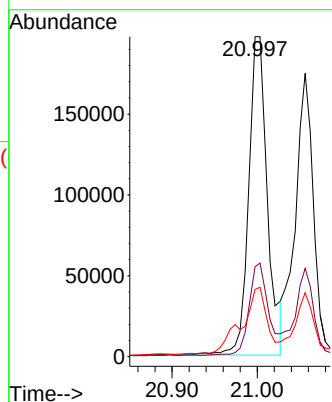
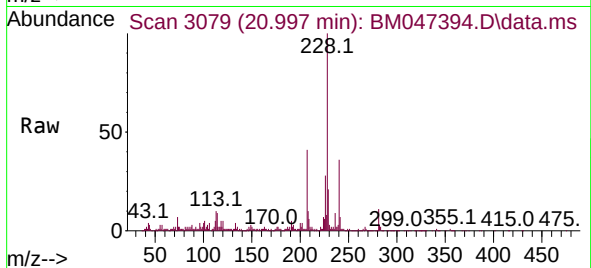
S-865-N-SO-1-1.5-082824

Tgt Ion:	228	Resp:	30109
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.4	32.0
229	21.0	15.8	23.8

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Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#83

Chrysene

Concen: 3.630 ng

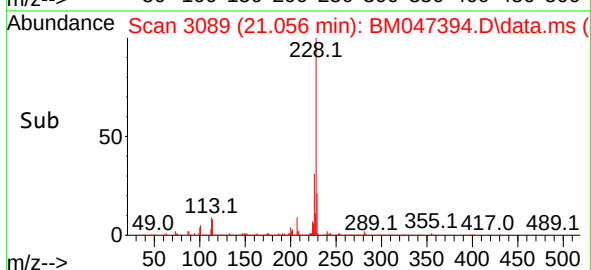
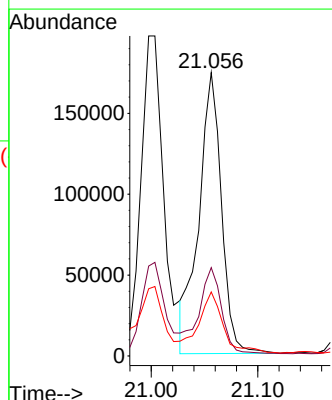
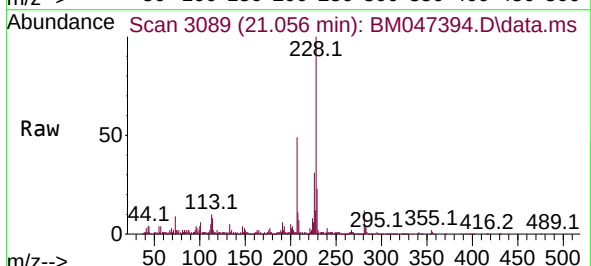
RT: 21.056 min Scan# 3089

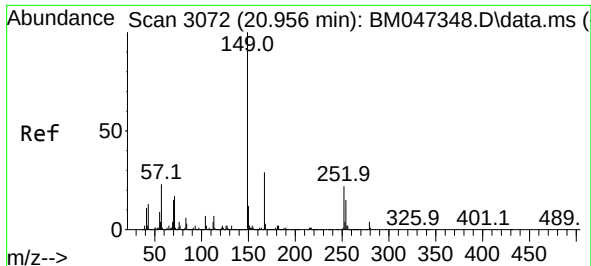
Delta R.T. -0.006 min

Lab File: BM047394.D

Acq: 29 Aug 2024 15:06

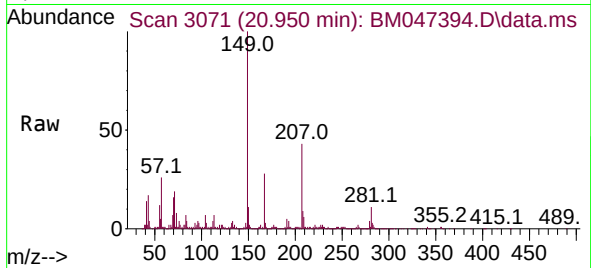
Tgt Ion:	228	Resp:	257627
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.0	36.0
229	22.6	15.9	23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.787 ng
RT: 20.950 min Scan# 3072
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

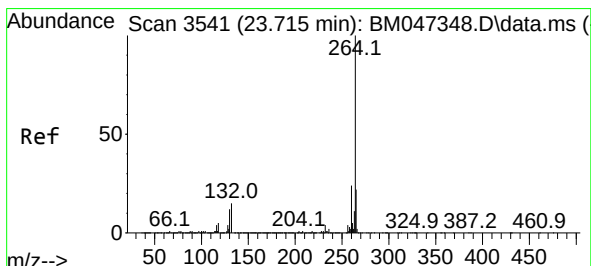
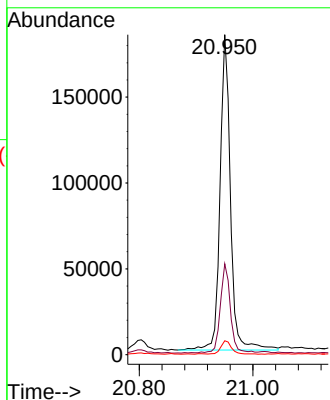
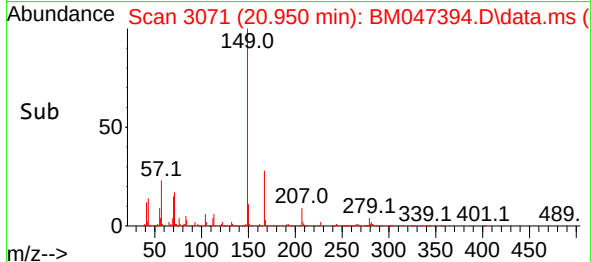
Instrument :
BNA_M
ClientSampleId :
S-865-N-SO-1-1.5-082824



Tgt Ion:149 Resp: 234945
Ion Ratio Lower Upper
149 100
167 28.4 23.1 34.7
279 4.4 3.3 4.9

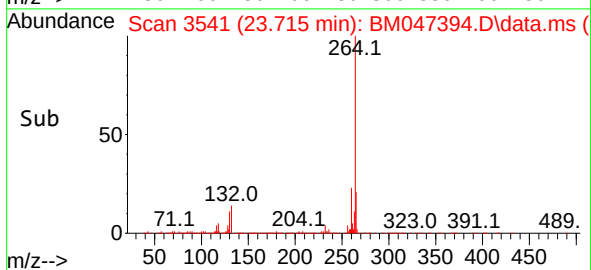
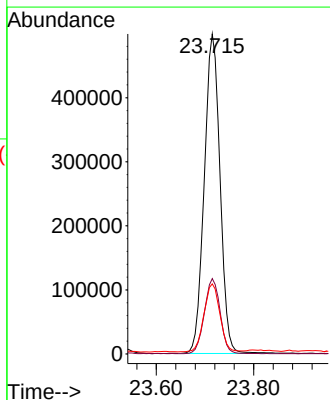
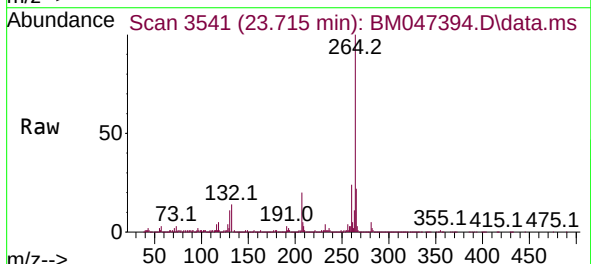
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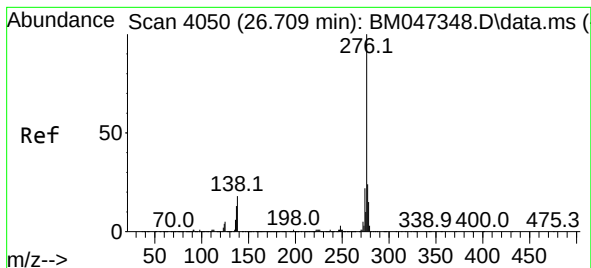
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3541
Delta R.T. 0.000 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

Tgt Ion:264 Resp: 1116746
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.605 ng

RT: 26.721 min Scan# 4052

Delta R.T. 0.012 min

Lab File: BM047394.D

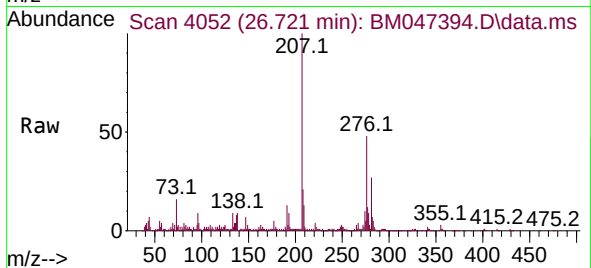
Acq: 29 Aug 2024 15:06

Instrument :

BNA_M

ClientSampleId :

S-865-N-SO-1-1.5-082824

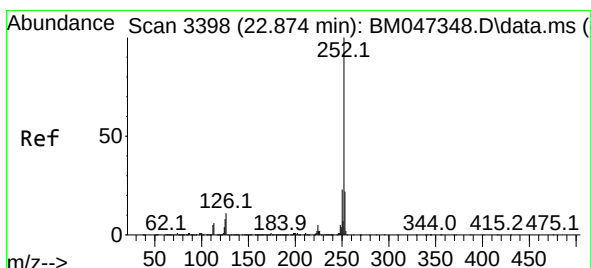
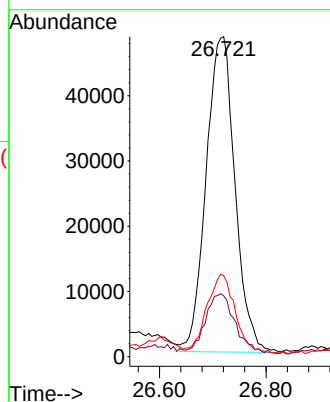
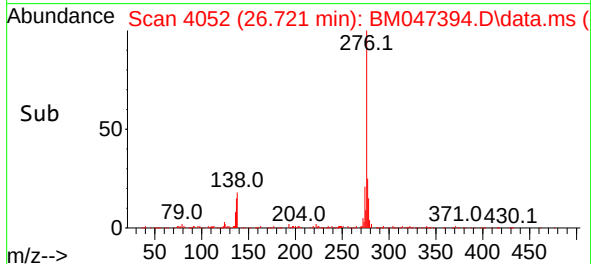


Tgt Ion:	276	Resp:	182110
Ion Ratio	Lower	Upper	
276	100		
138	18.9	17.7	26.5
277	25.2	20.0	30.0

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Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#88

Benzo(b)fluoranthene

Concen: 5.382 ng

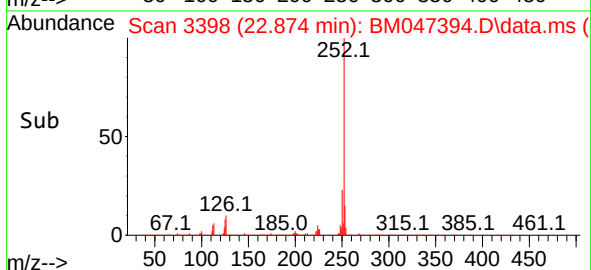
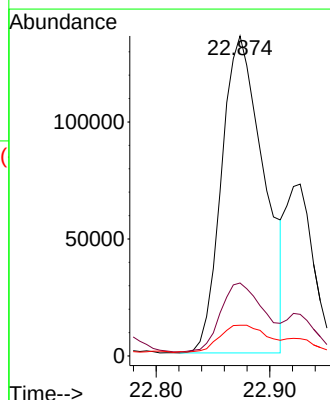
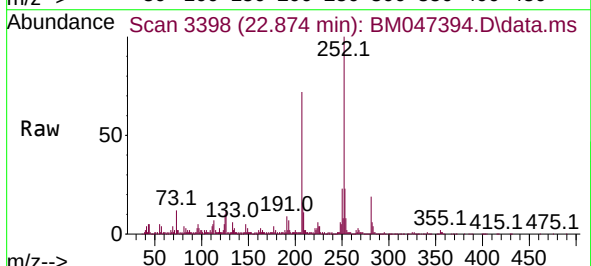
RT: 22.874 min Scan# 3398

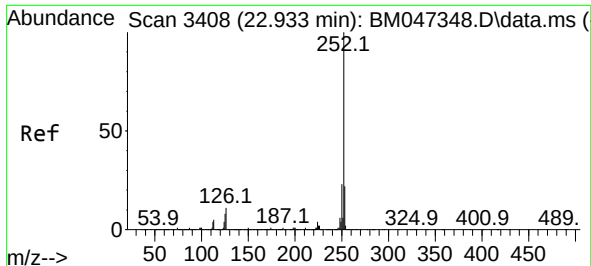
Delta R.T. 0.000 min

Lab File: BM047394.D

Acq: 29 Aug 2024 15:06

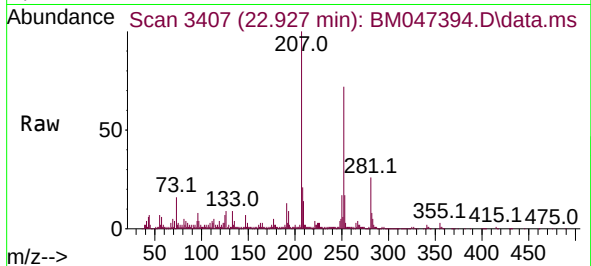
Tgt Ion:	252	Resp:	350656
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	9.6	6.6	10.0





#89
Benzo(k)fluoranthene
Concen: 2.016 ng m
RT: 22.927 min Scan# 3408
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

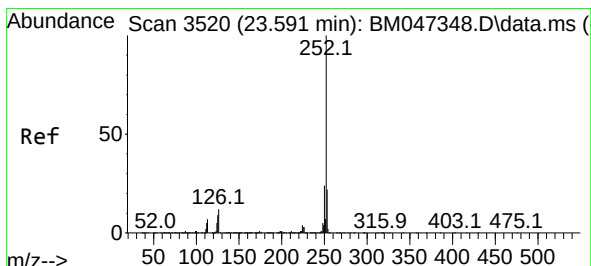
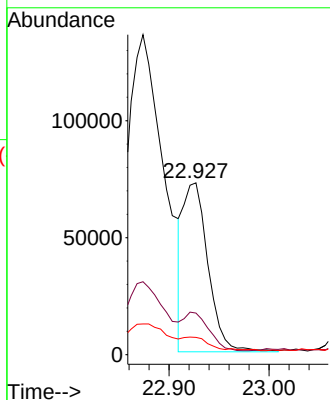
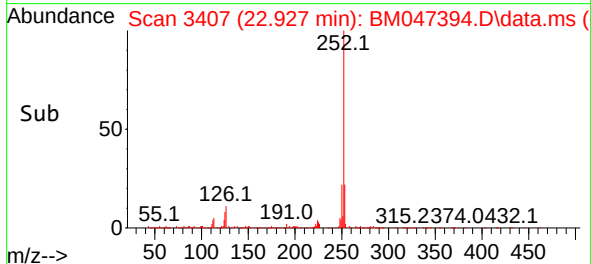
Instrument :
BNA_M
ClientSampleId :
S-865-N-SO-1-1.5-082824



Tgt Ion:252 Resp: 124537
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 10.1 6.6 9.8

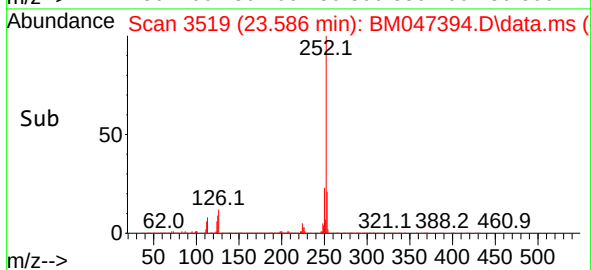
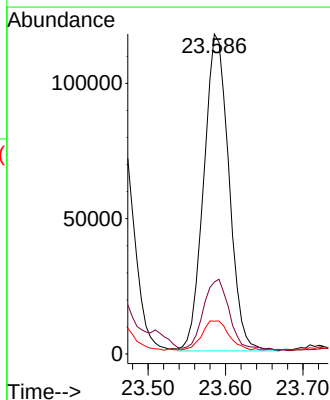
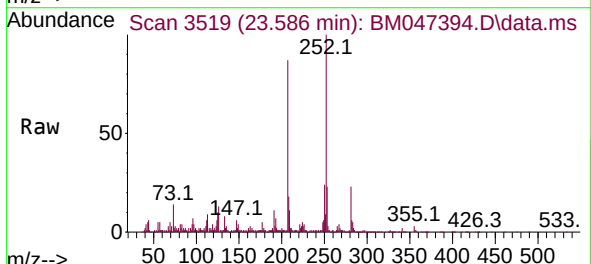
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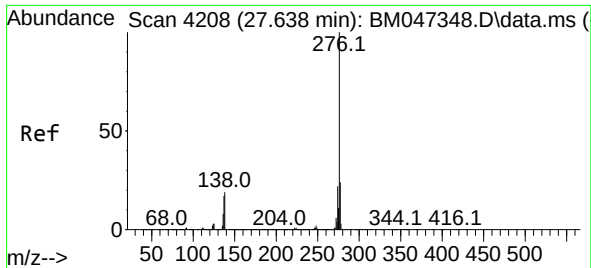
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024



#90
Benzo(a)pyrene
Concen: 4.680 ng
RT: 23.586 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

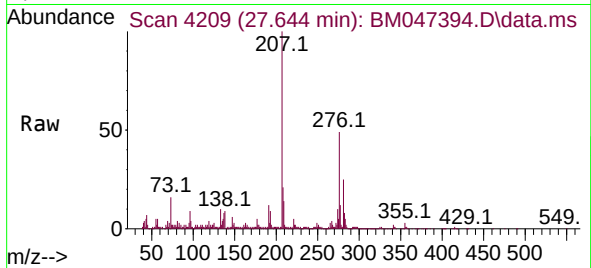
Tgt Ion:252 Resp: 263672
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.3 7.4 11.2





#92
Benzo(g,h,i)perylene
Concen: 3.332 ng
RT: 27.644 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM047394.D
Acq: 29 Aug 2024 15:06

Instrument :
BNA_M
ClientSampleId :
S-865-N-SO-1-1.5-082824



Tgt Ion:276 Resp: 196179
Ion Ratio Lower Upper
276 100
277 24.7 19.4 29.0
138 18.4 15.0 22.6

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Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

