

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
 Data File : BM036098.D
 Acq On : 04 Aug 2022 14:43
 Operator : CG/JU
 Sample : N3947-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NSB08-14-15

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/05/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 05 03:39:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	383288	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1673936	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1028474	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	2109885	20.000	ng	0.00
76) Chrysene-d12	21.421	240	1646238	20.000	ng	0.00
86) Perylene-d12	23.786	264	1301652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2231276	94.380	ng	0.00
7) Phenol-d6	7.034	99	2919560	97.054	ng	0.00
23) Nitrobenzene-d5	9.028	82	1750109	58.524	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1142409	94.685	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	4017210	57.671	ng	0.00
79) Terphenyl-d14	19.868	244	6166214	73.881	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.280	178	522482	4.861	ng	99
75) Fluoranthene	19.298	202	1283166	10.664	ng	99
78) Pyrene	19.657	202	1140616	11.173	ng	99
81) Benzo(a)anthracene	21.409	228	576060	5.681	ng	99
83) Chrysene	21.456	228	516155m	5.355	ng	
87) Indeno(1,2,3-cd)pyrene	26.227	276	218842	2.392	ng	97
88) Benzo(b)fluoranthene	23.062	252	540630	7.089	ng	# 96
89) Benzo(k)fluoranthene	23.109	252	167480m	2.174	ng	
90) Benzo(a)pyrene	23.680	252	348814	5.451	ng	97
92) Benzo(g,h,i)perylene	26.985	276	218494	2.948	ng	100

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

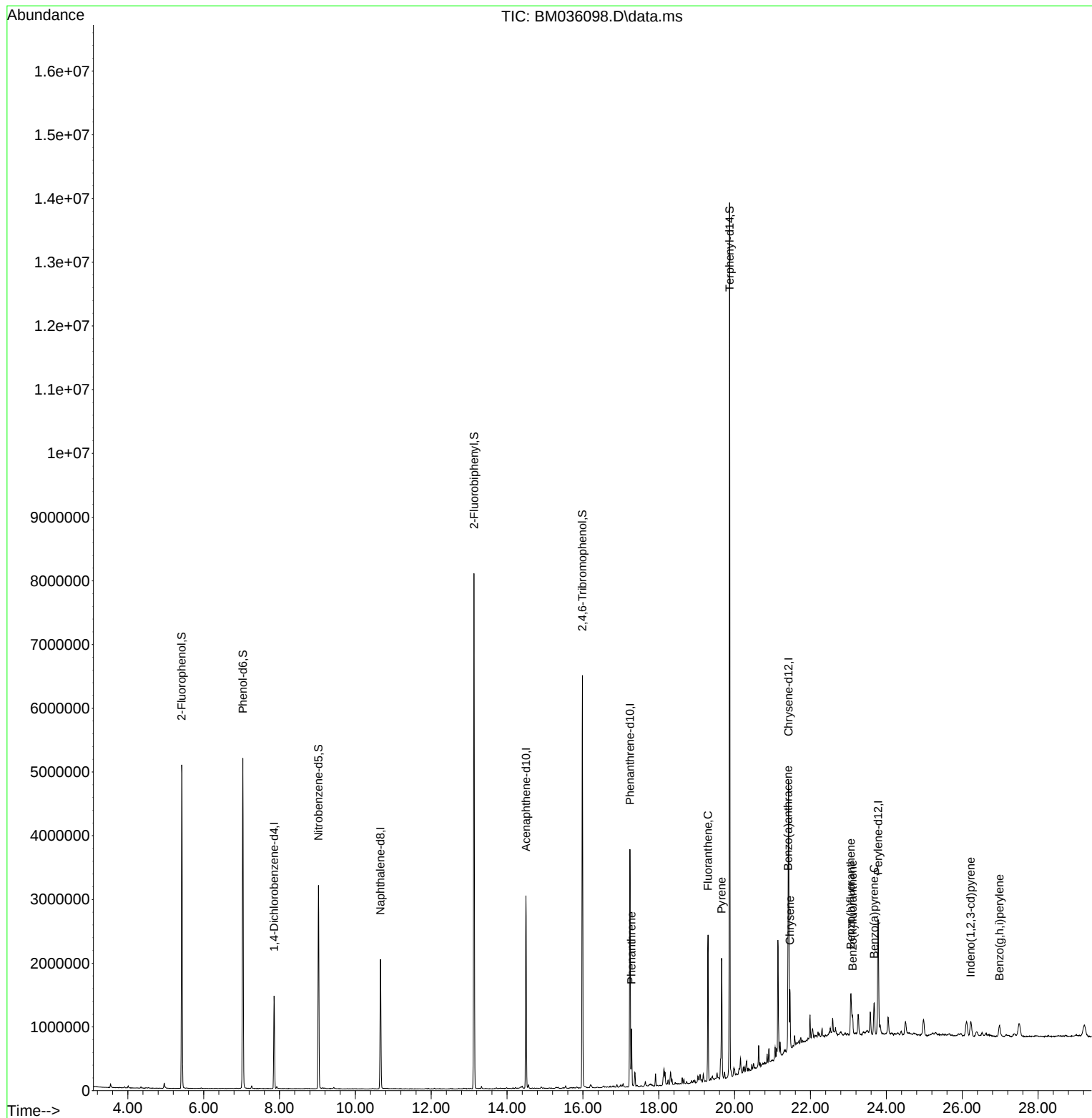
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036098.D
Acq On : 04 Aug 2022 14:43
Operator : CG/JU
Sample : N3947-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

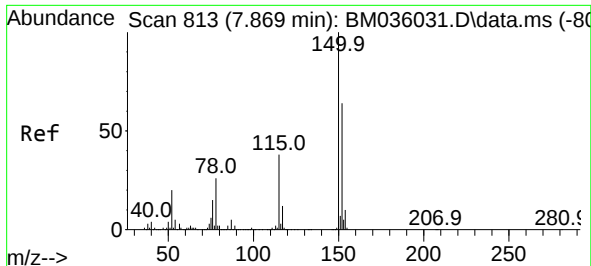
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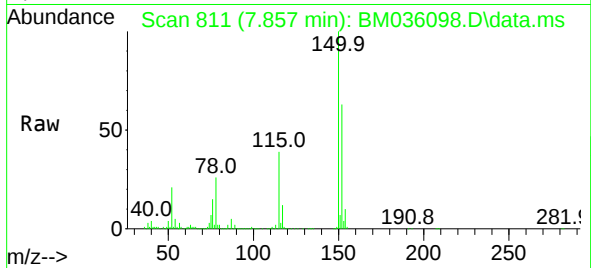
Quant Time: Aug 05 03:39:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

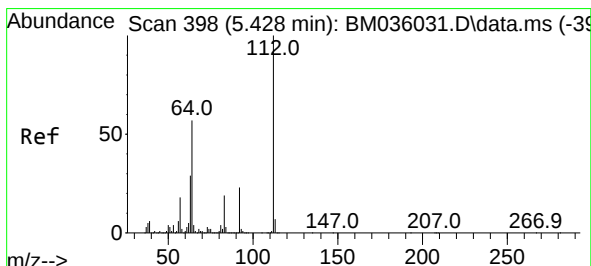
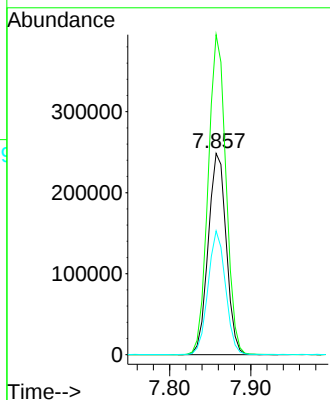
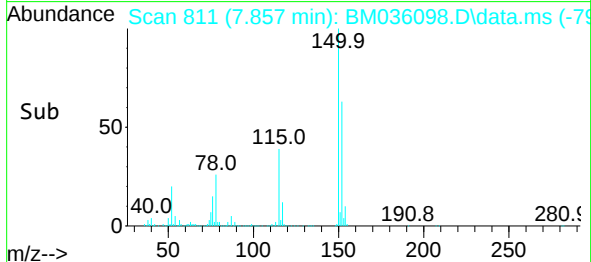
Instrument :
BNA_M
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NSB08-14-15



Tgt Ion:152 Resp: 38328
Ion Ratio Lower Upper
152 100
150 159.0 124.9 187.3
115 61.5 47.9 71.9

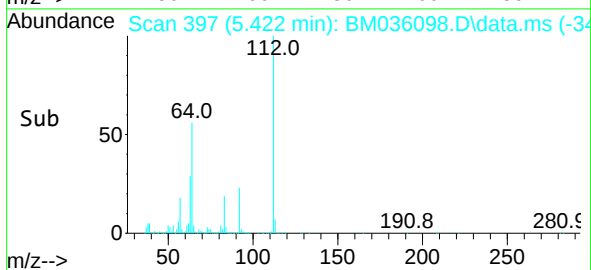
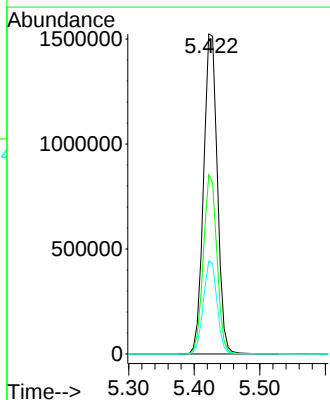
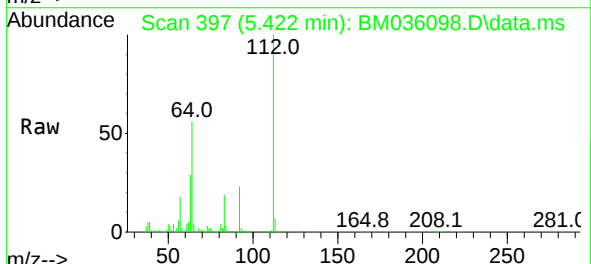
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#5
2-Fluorophenol
Concen: 94.380 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

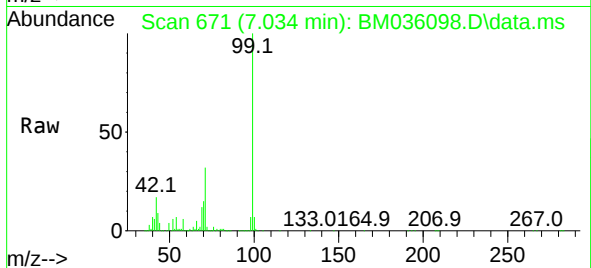
Tgt Ion:112 Resp: 2231276
Ion Ratio Lower Upper
112 100
64 56.0 47.8 71.6
63 29.0 26.6 40.0





#7
Phenol-d6
Concen: 97.054 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

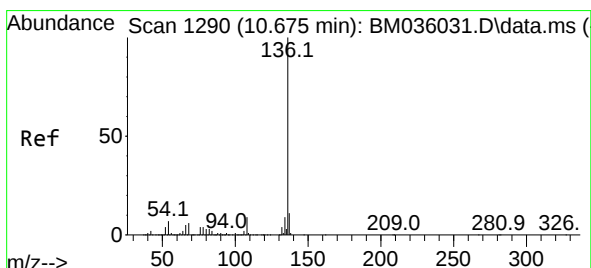
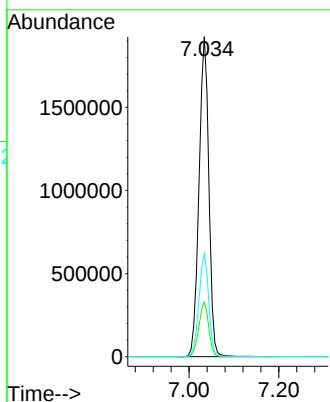
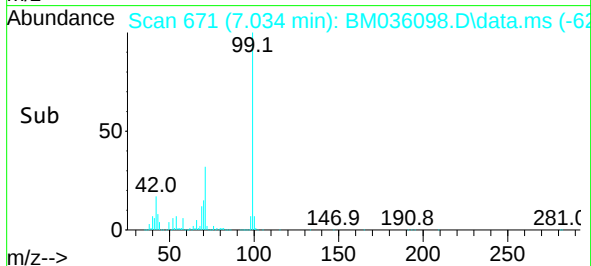
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BNA_M
ClientSampleId :
NSB08-14-15



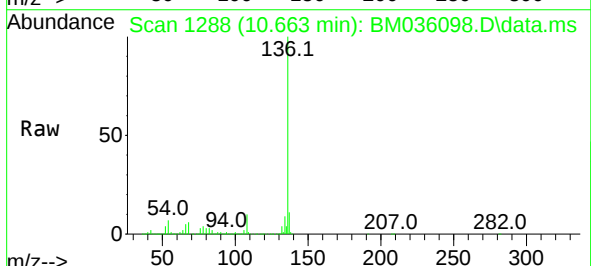
Tgt Ion: 99 Resp: 2919560
Ion Ratio Lower Upper
99 100
42 17.1 18.8 28.2
71 32.2 30.2 45.2

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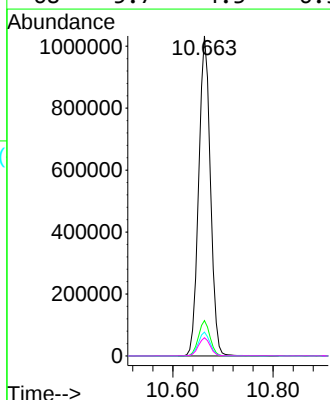
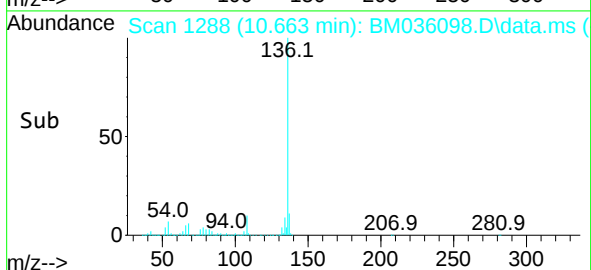
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43



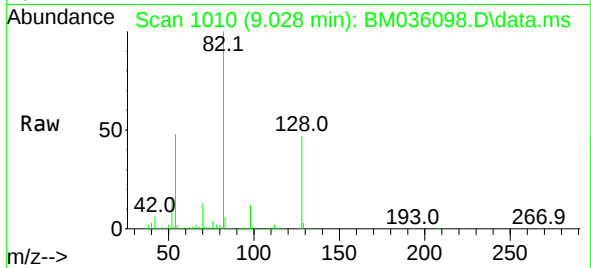
Tgt Ion:136 Resp: 1673936
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 7.0 10.4
68 5.7 4.3 6.5





#23
Nitrobenzene-d5
Concen: 58.524 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

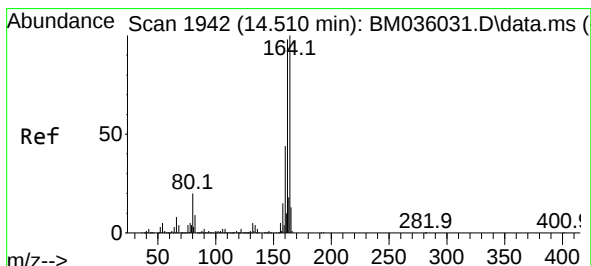
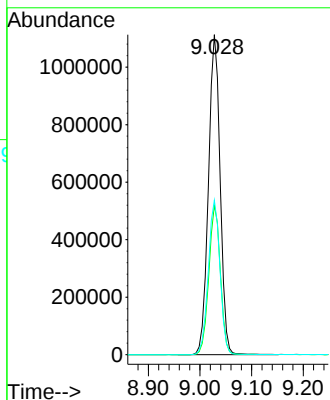
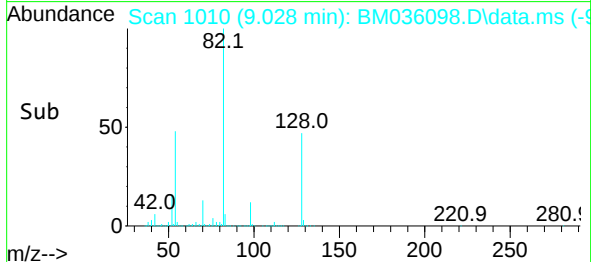
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 82 Resp: 1750109
Ion Ratio Lower Upper
82 100
128 46.7 33.7 50.5
54 48.2 43.2 64.8

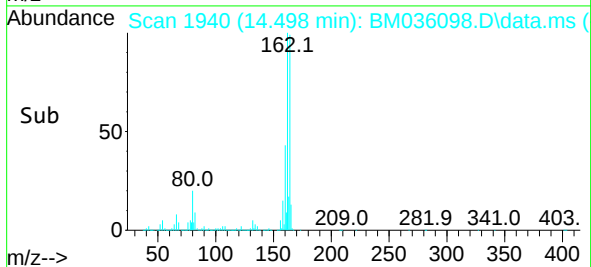
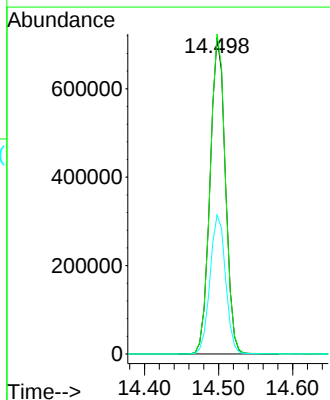
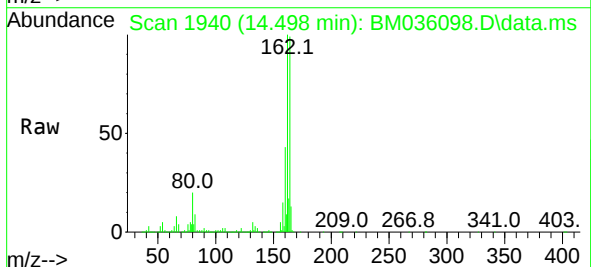
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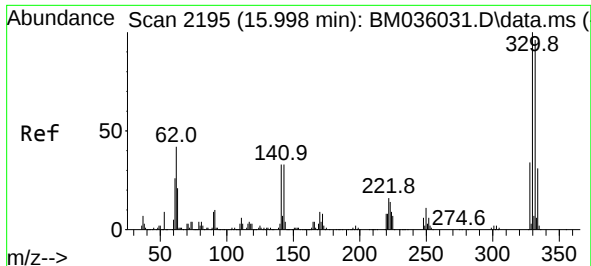
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

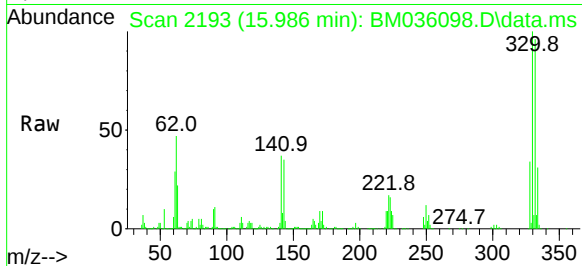
Tgt Ion:164 Resp: 1028474
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.6
160 43.9 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 94.685 ng
RT: 15.986 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

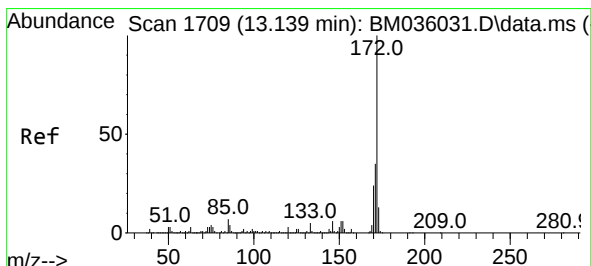
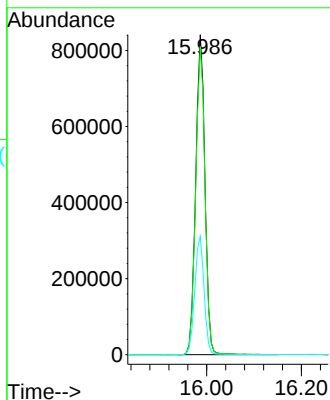
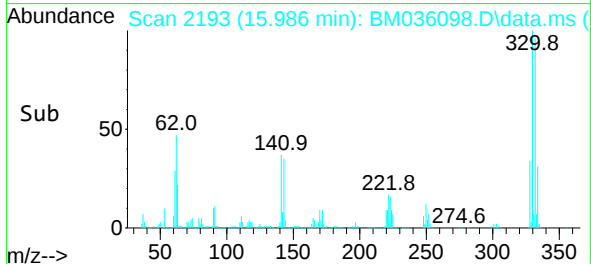
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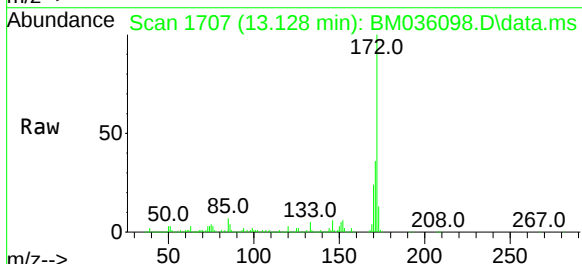
Tgt Ion:330 Resp: 1142409
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 37.5 35.3 52.9

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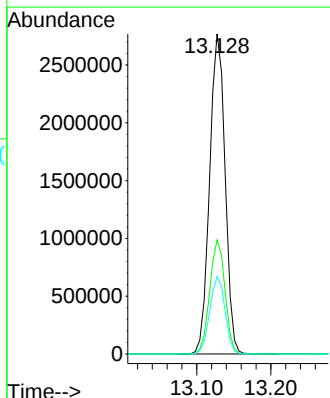
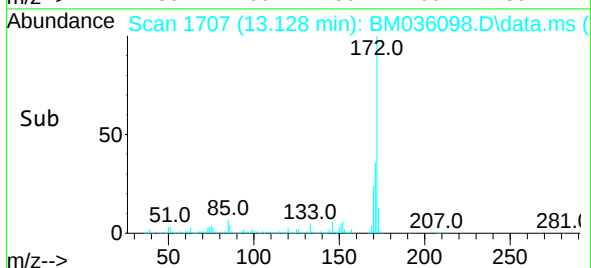
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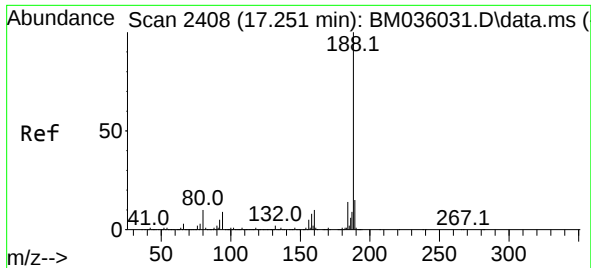


#45
2-Fluorobiphenyl
Concen: 57.671 ng
RT: 13.128 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43



Tgt Ion:172 Resp: 4017210
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.2 18.7 28.1





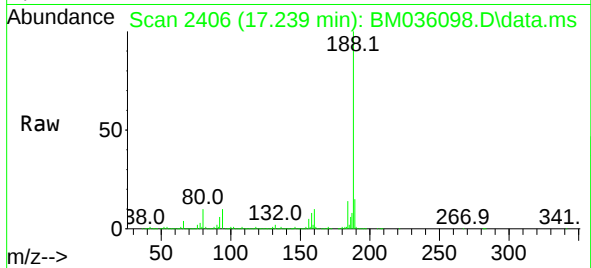
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

Instrument :

BNA_M

ClientSampleId :

NSB08-14-15

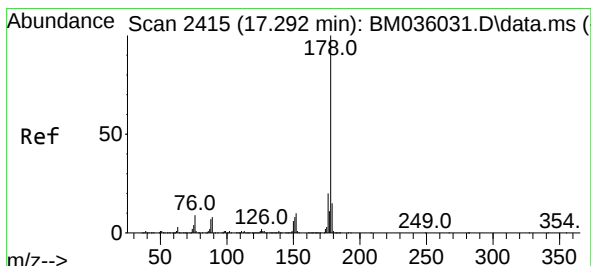
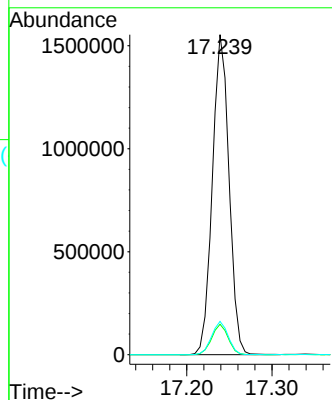
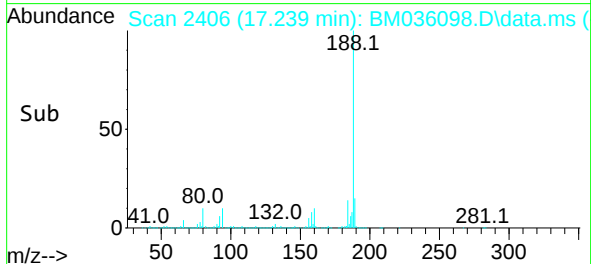


Tgt Ion:188 Resp: 210988
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.4 7.6 11.4

Manual Integrations

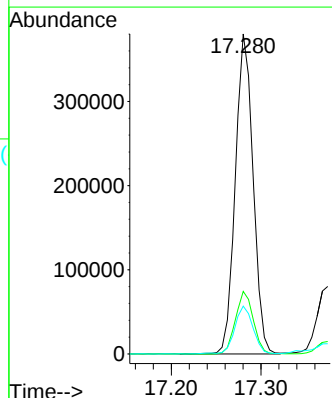
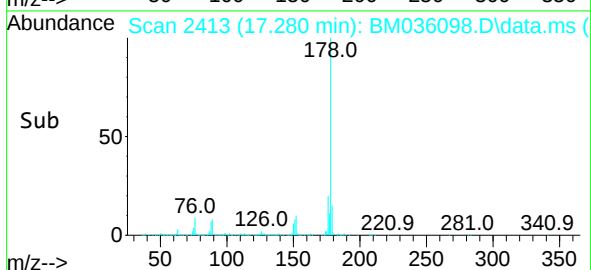
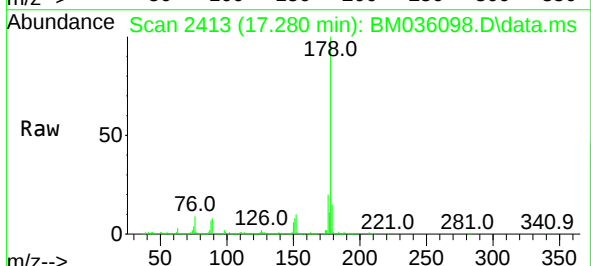
APPROVED

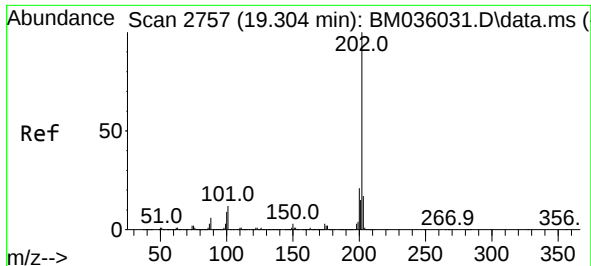
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#71
Phenanthrene
Concen: 4.861 ng
RT: 17.280 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

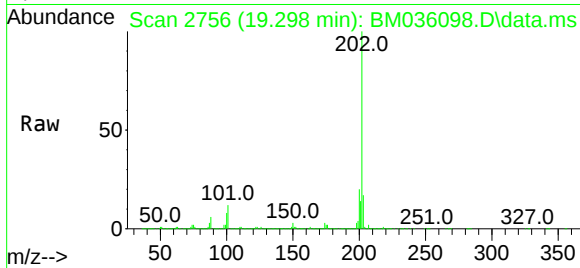
Tgt Ion:178 Resp: 522482
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 14.9 12.4 18.6





#75
Fluoranthene
Concen: 10.664 ng
RT: 19.298 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

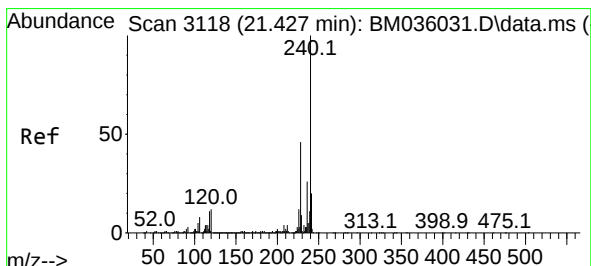
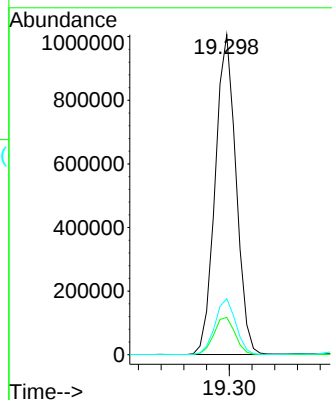
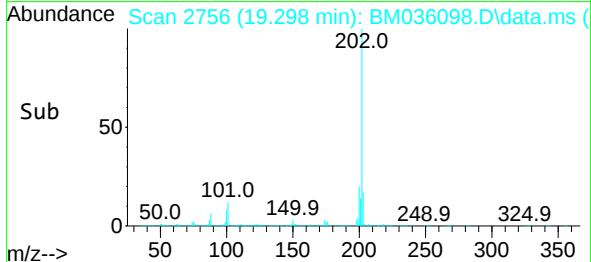
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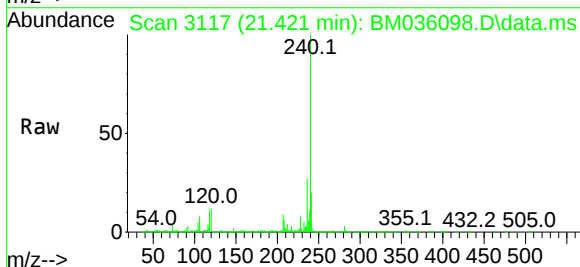
Tgt Ion:202 Resp: 1283160
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.6
203 17.5 0.0 37.4

Manual Integrations
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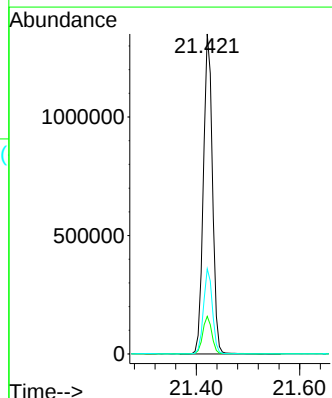
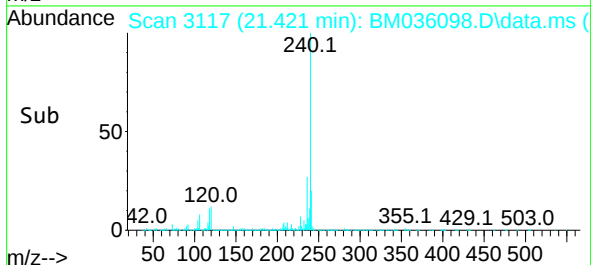
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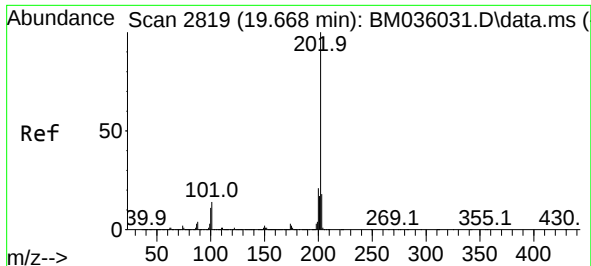


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43



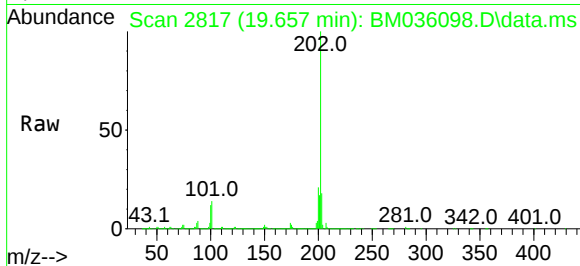
Tgt Ion:240 Resp: 1646238
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.0
236 26.6 20.6 30.8





#78
Pyrene
Concen: 11.173 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

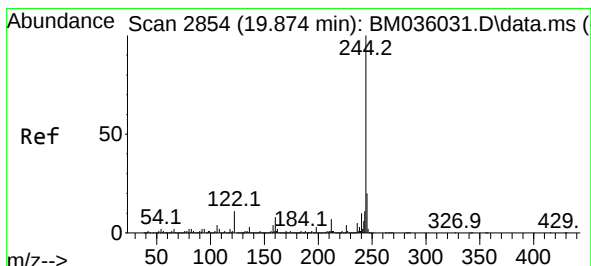
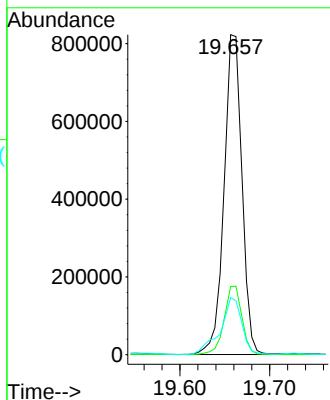
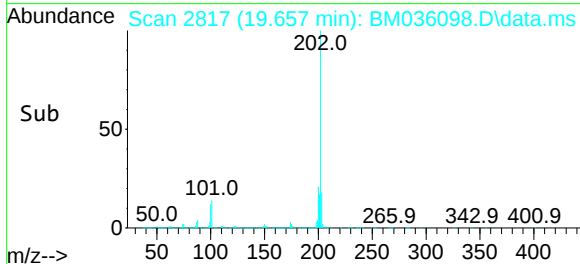
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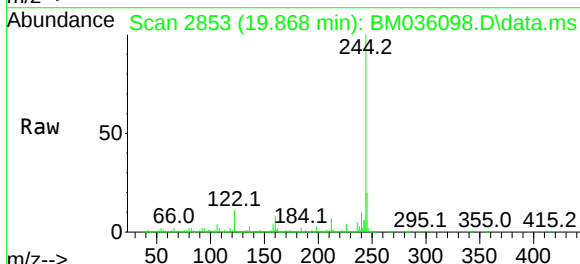
Tgt Ion:202 Resp: 1140610
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.9 13.9 20.9

Manual Integrations
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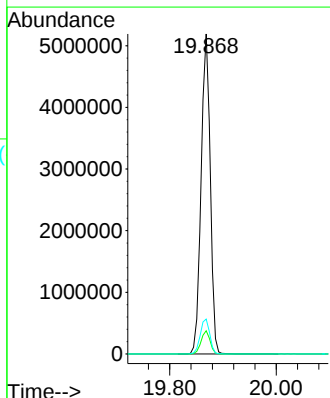
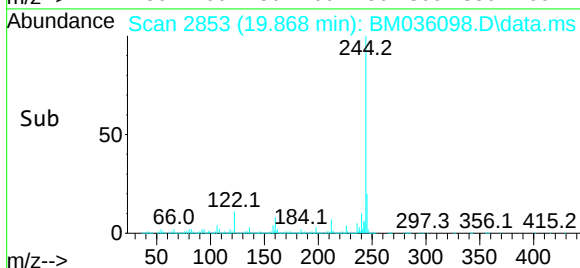
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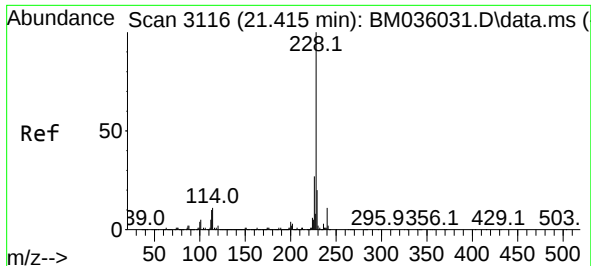


#79
Terphenyl-d14
Concen: 73.881 ng
RT: 19.868 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43



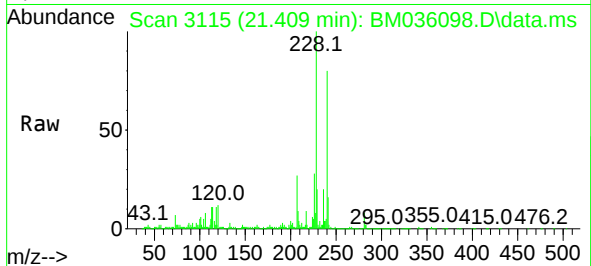
Tgt Ion:244 Resp: 6166214
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 10.9 8.3 12.5





#81
Benzo(a)anthracene
Concen: 5.681 ng
RT: 21.409 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

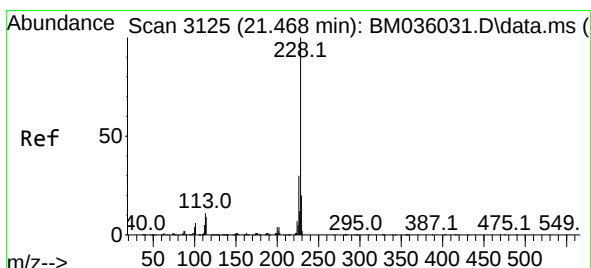
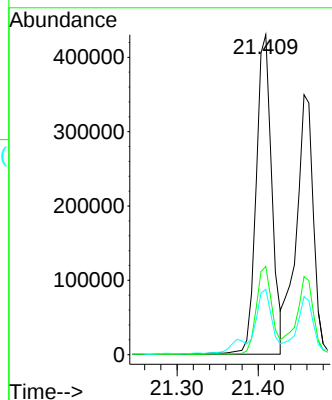
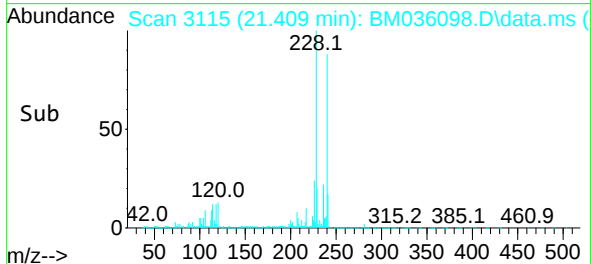
Instrument :
BNA_M
ClientSampleId :
NSB08-14-15



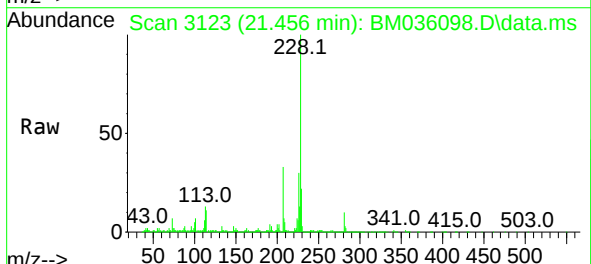
Tgt Ion:228 Resp: 576060
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 20.4 15.8 23.6

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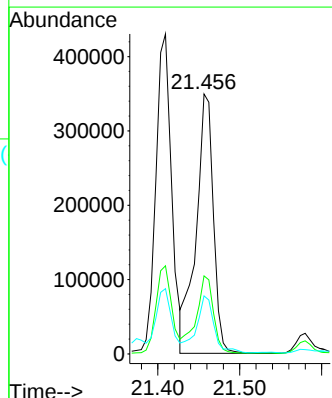
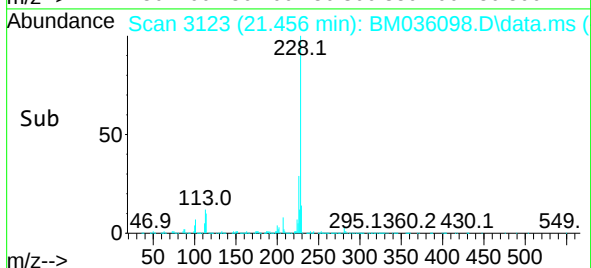
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

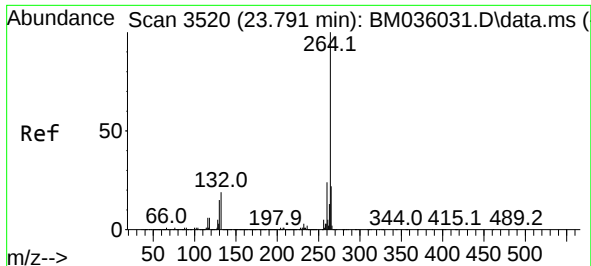


#83
Chrysene
Concen: 5.355 ng m
RT: 21.456 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43



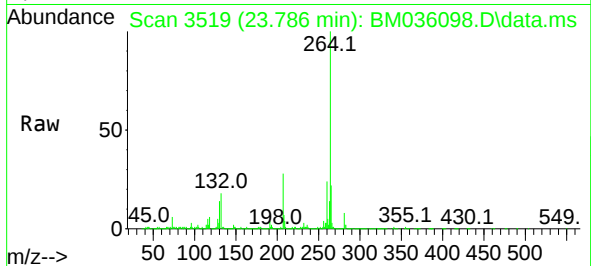
Tgt Ion:228 Resp: 516155
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 22.3 15.8 23.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

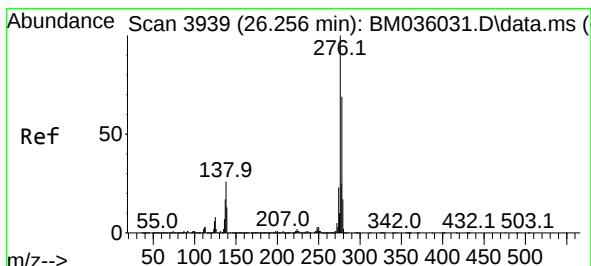
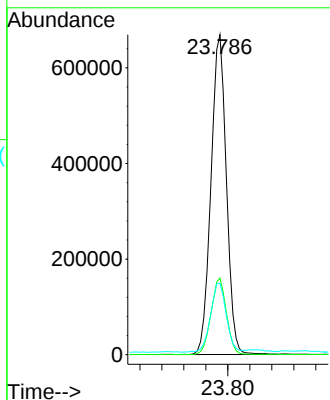
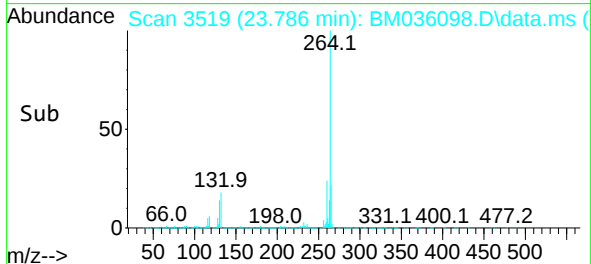
Instrument :
BNA_M
ClientSampleId :
NSB08-14-15



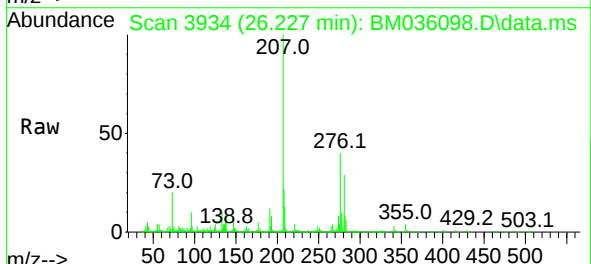
Tgt Ion:264 Resp: 1301652
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 22.3 17.5 26.3

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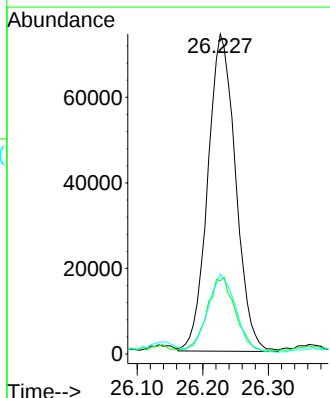
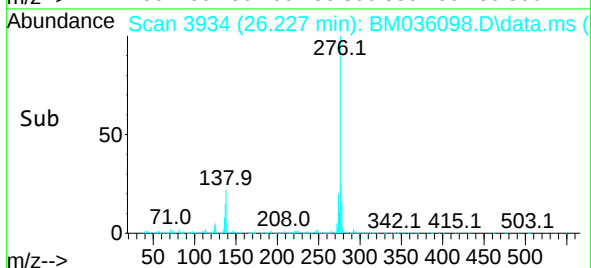
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

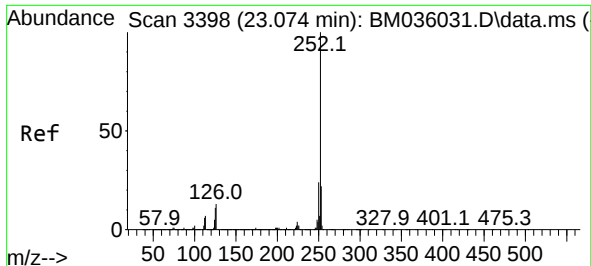


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.392 ng
RT: 26.227 min Scan# 3934
Delta R.T. -0.018 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43



Tgt Ion:276 Resp: 218842
Ion Ratio Lower Upper
276 100
138 23.4 20.2 30.4
277 24.5 20.2 30.2





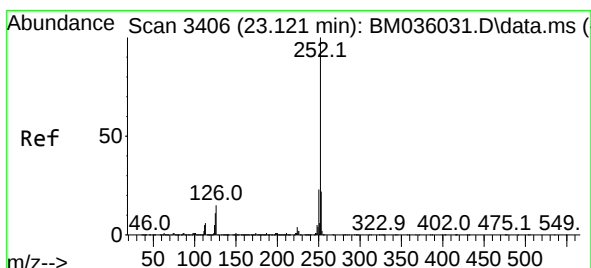
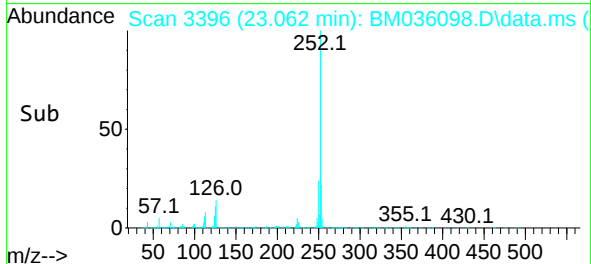
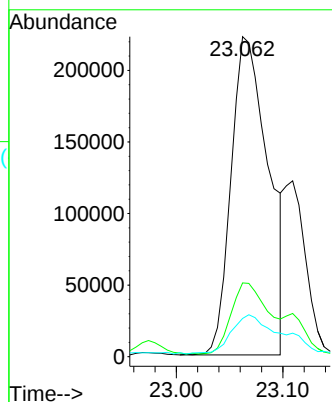
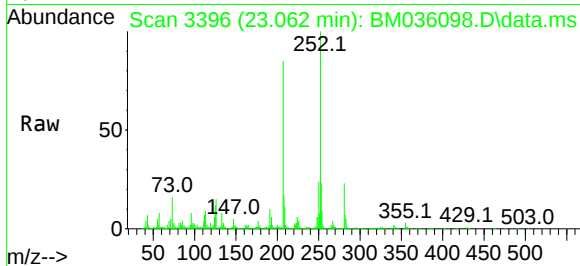
#88
Benzo(b)fluoranthene
Concen: 7.089 ng
RT: 23.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

Instrument :
BNA_M
ClientSampleId :
NSB08-14-15

Tgt Ion:252 Resp: 540630
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 12.0 7.6 11.4

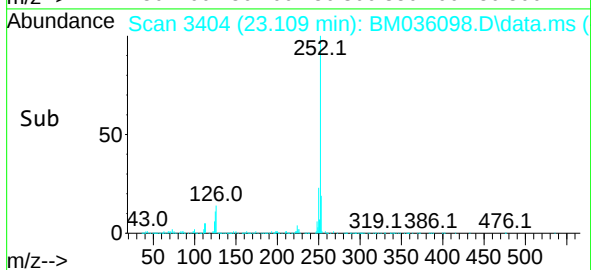
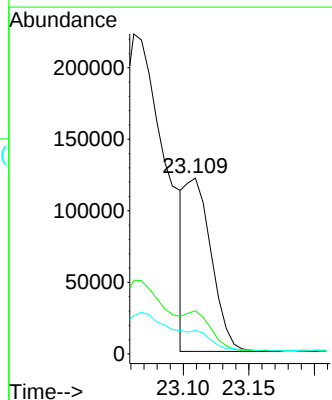
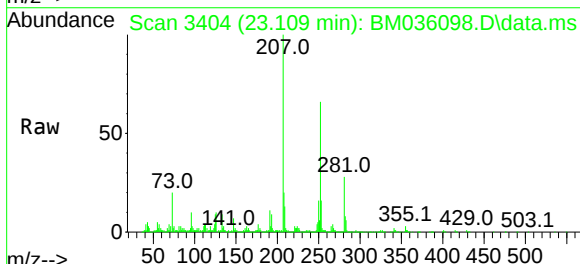
Manual Integrations
APPROVED

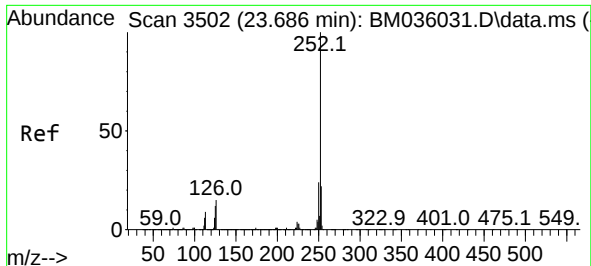
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#89
Benzo(k)fluoranthene
Concen: 2.174 ng m
RT: 23.109 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

Tgt Ion:252 Resp: 167480
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 13.4 7.6 11.4





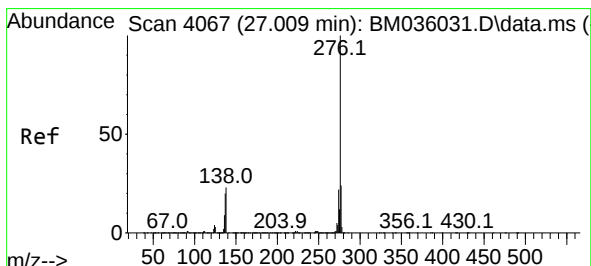
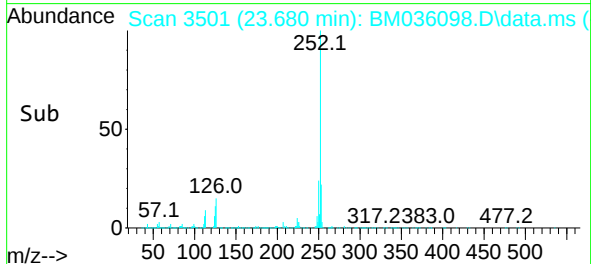
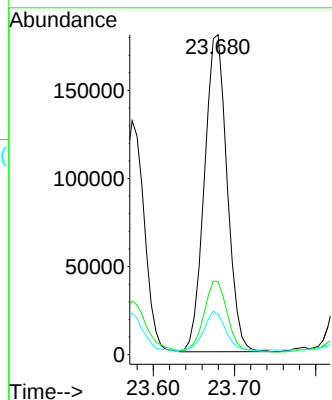
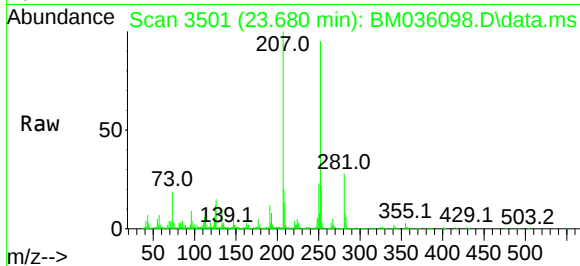
#90
Benzo(a)pyrene
Concen: 5.451 ng
RT: 23.680 min Scan# 3502
Delta R.T. 0.000 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

Instrument :
BNA_M
ClientSampleId :
NSB08-14-15

Tgt Ion:252 Resp: 348814
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 12.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#92
Benzo(g,h,i)perylene
Concen: 2.948 ng
RT: 26.985 min Scan# 4063
Delta R.T. -0.012 min
Lab File: BM036098.D
Acq: 04 Aug 2022 14:43

Tgt Ion:276 Resp: 218494
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 22.2 17.6 26.4

