

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
 Data File : BM036099.D
 Acq On : 04 Aug 2022 15:20
 Operator : CG/JU
 Sample : N3935-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-132

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 03:39:23 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	304084	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1402938	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	926904	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	2035848	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1680813	20.000	ng	0.00
86) Perylene-d12	23.791	264	1446172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2398012	127.853	ng	0.00
7) Phenol-d6	7.034	99	3232534	135.447	ng	0.00
23) Nitrobenzene-d5	9.028	82	2030998	81.036	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1574488	144.796	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	4987724	79.450	ng	0.00
79) Terphenyl-d14	19.868	244	8372330	98.250	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.298	202	356860	3.074	ng	98
78) Pyrene	19.662	202	375854	3.606	ng	99
88) Benzo(b)fluoranthene	23.068	252	233006	2.750	ng	# 80

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

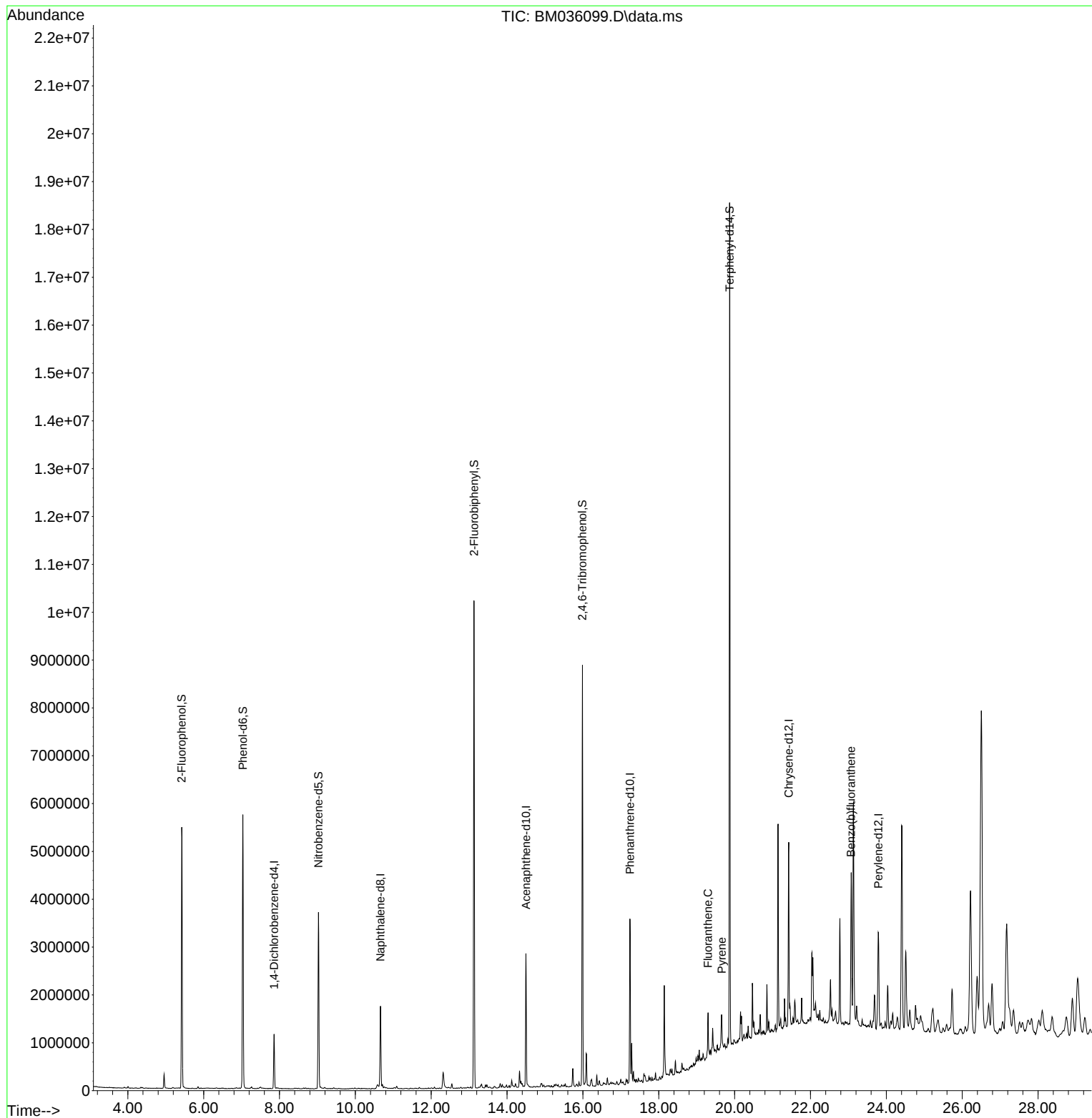
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
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Acq On : 04 Aug 2022 15:20
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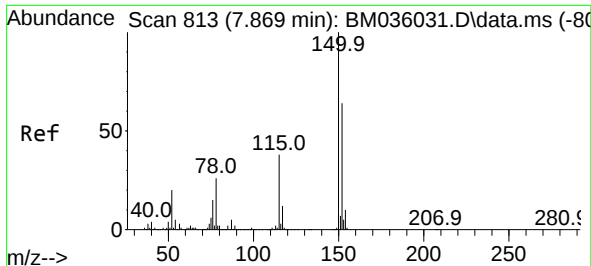
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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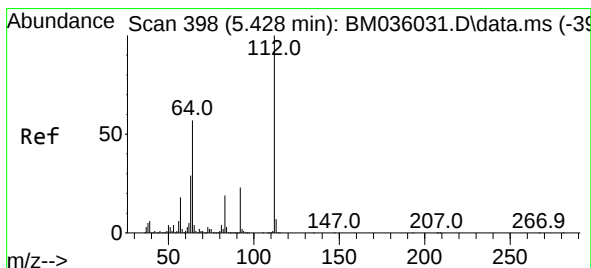
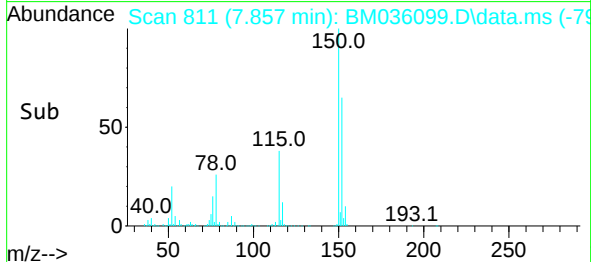
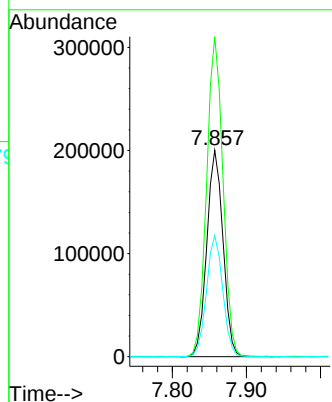
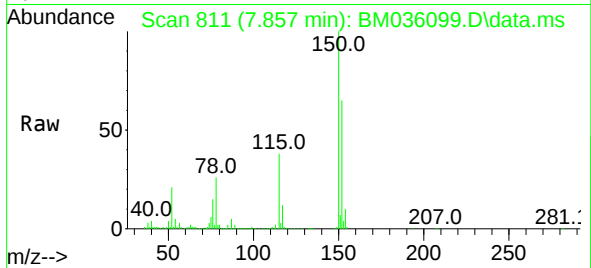
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Instrument :
BNA_M
ClientSampleId :
RVE-132

Tgt Ion:152 Resp: 304084
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 58.7 47.9 71.9

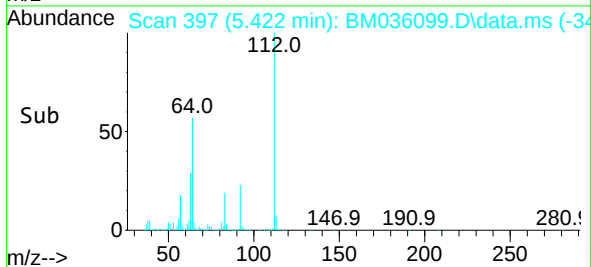
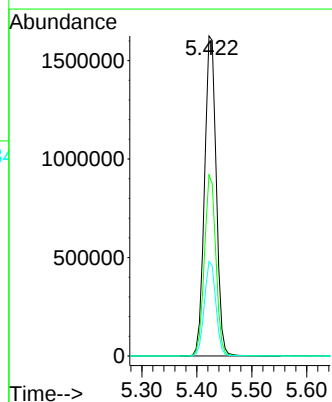
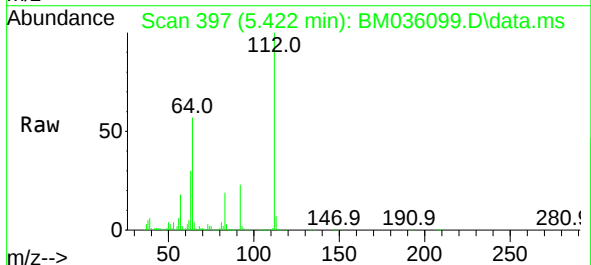
Manual Integrations
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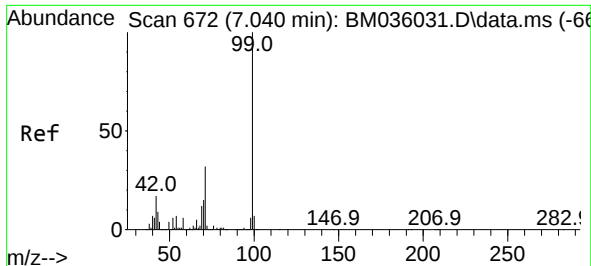
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 127.853 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

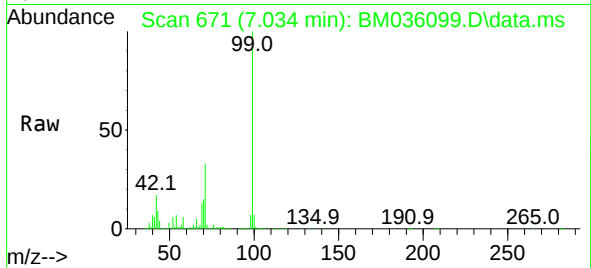
Tgt Ion:112 Resp: 2398012
Ion Ratio Lower Upper
112 100
64 56.5 47.8 71.6
63 29.5 26.6 40.0





#7
Phenol-d6
Concen: 135.447 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

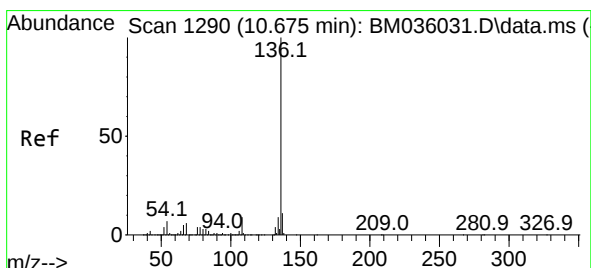
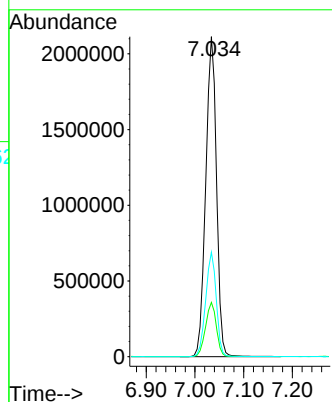
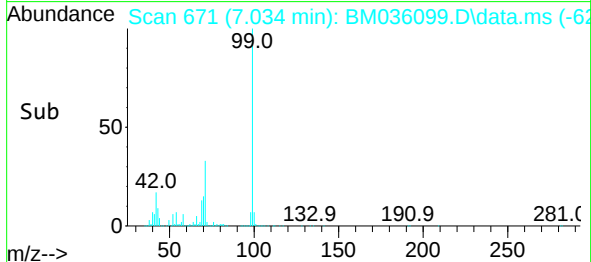
Instrument :
BNA_M
ClientSampleId :
RVE-132



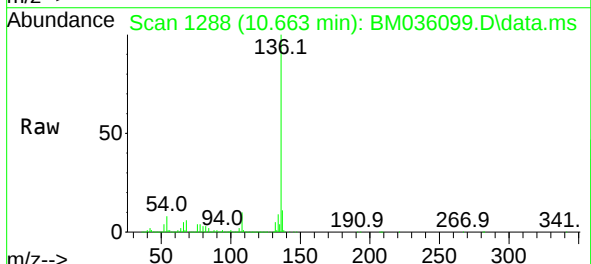
Tgt Ion: 99 Resp: 3232534
Ion Ratio Lower Upper
99 100
42 17.0 18.8 28.2
71 32.7 30.2 45.2

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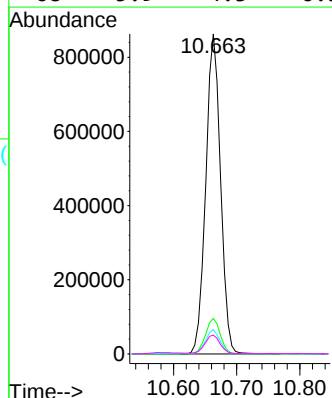
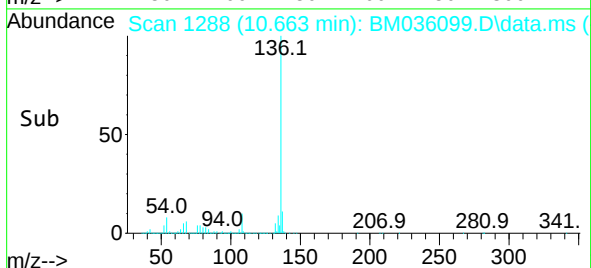
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

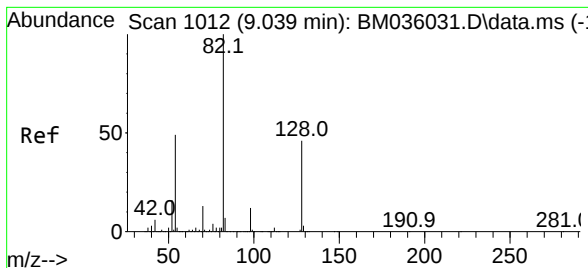


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20



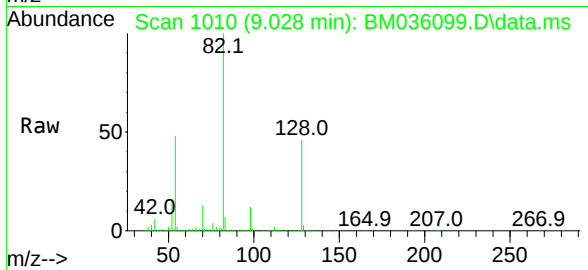
Tgt Ion:136 Resp: 1402938
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 7.0 10.4
68 5.9 4.3 6.5





#23
Nitrobenzene-d5
Concen: 81.036 ng
RT: 9.028 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

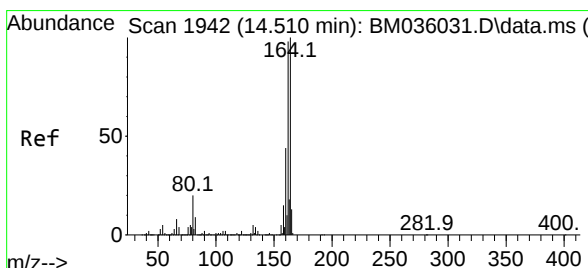
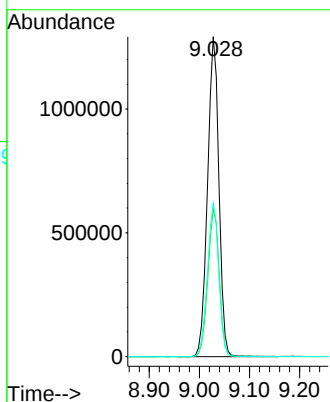
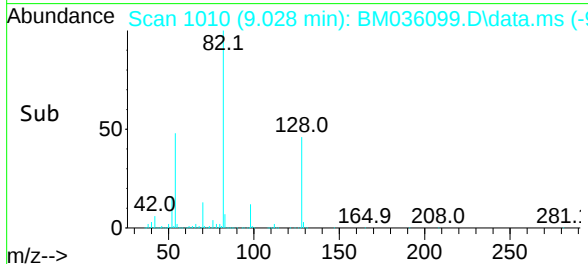
Instrument :
BNA_M
ClientSampleId :
RVE-132



Tgt Ion: 82 Resp: 2030998
Ion Ratio Lower Upper
82 100
128 46.3 33.7 50.5
54 48.0 43.2 64.8

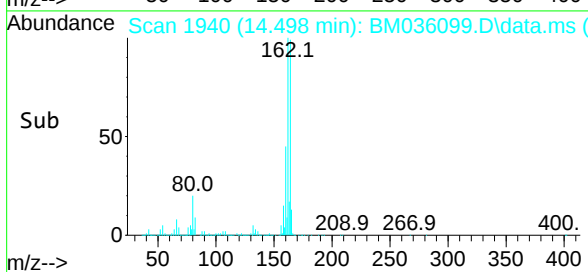
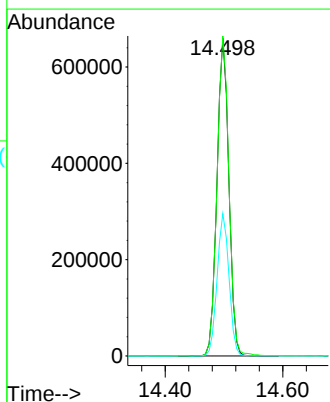
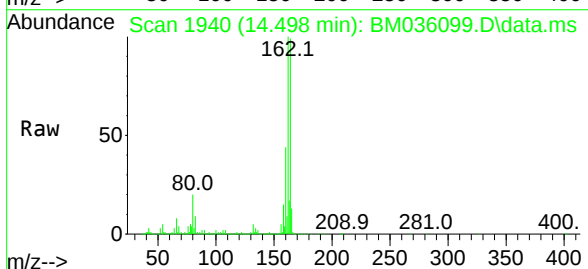
Manual Integrations
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Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

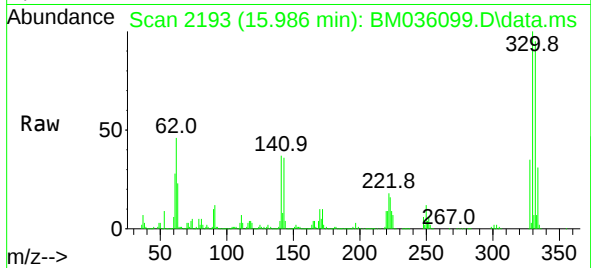
Tgt Ion:164 Resp: 926904
Ion Ratio Lower Upper
164 100
162 100.7 83.0 124.6
160 44.8 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 144.796 ng
RT: 15.986 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

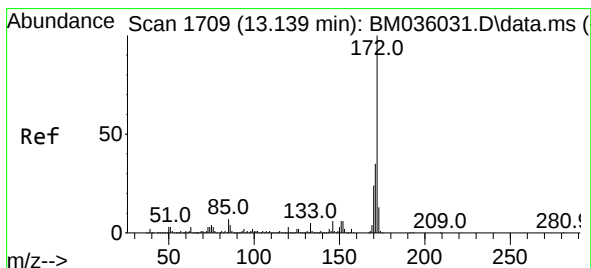
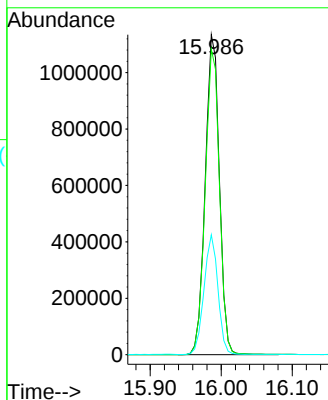
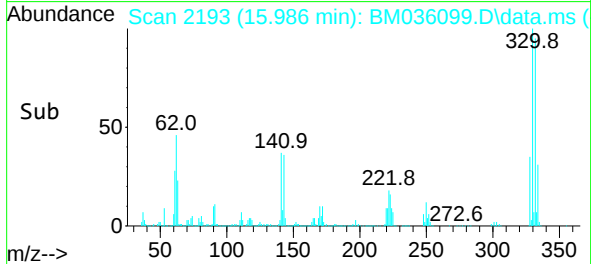
Instrument :
BNA_M
ClientSampleId :
RVE-132



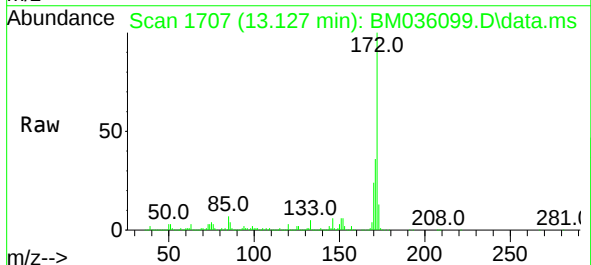
Tgt Ion:330 Resp: 1574488
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 36.9 35.3 52.9

Manual Integrations
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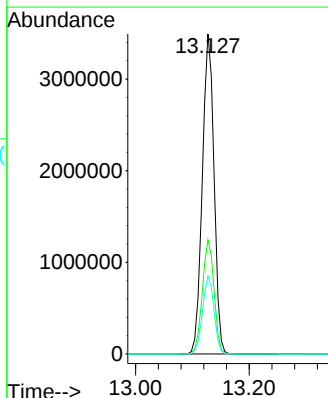
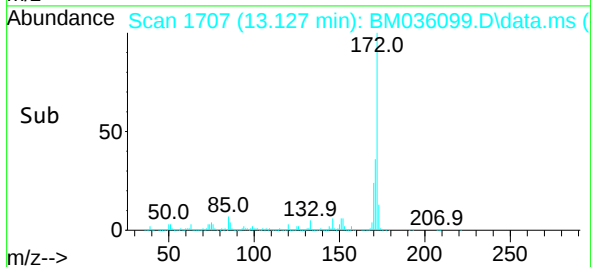
Reviewed By :Christian Giraldo 08/05/2022
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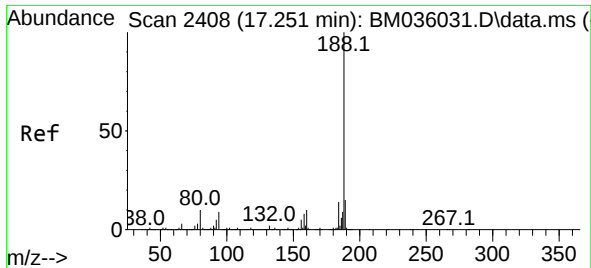


#45
2-Fluorobiphenyl
Concen: 79.450 ng
RT: 13.127 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20



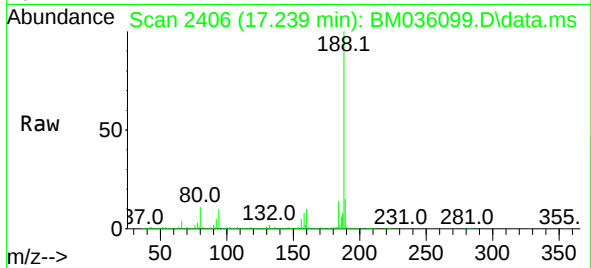
Tgt Ion:172 Resp: 4987724
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.2 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

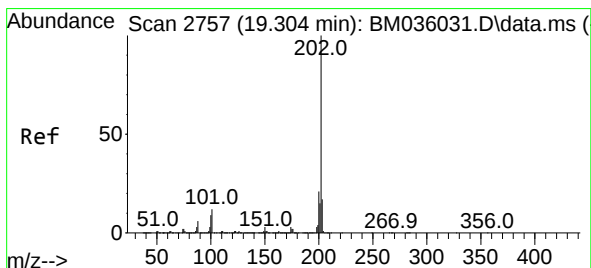
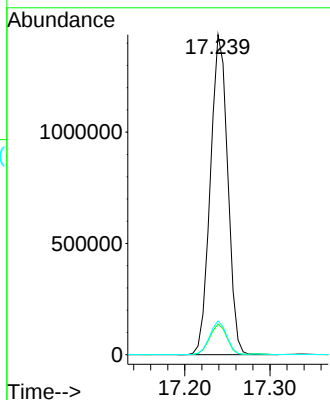
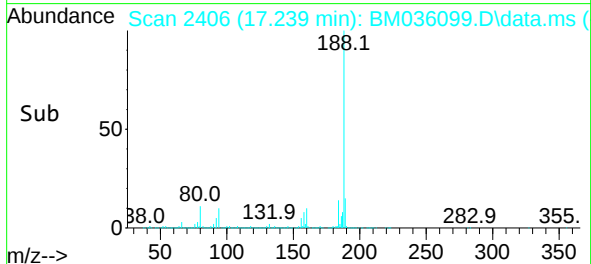
Instrument :
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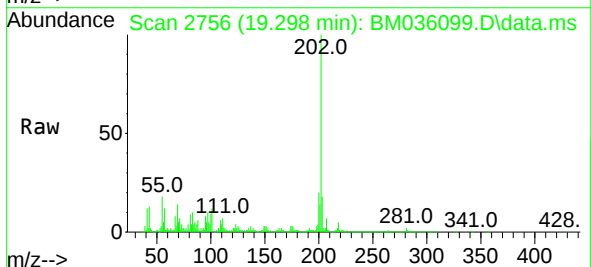
Tgt Ion:188 Resp: 203584
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.6 7.6 11.4

Manual Integrations
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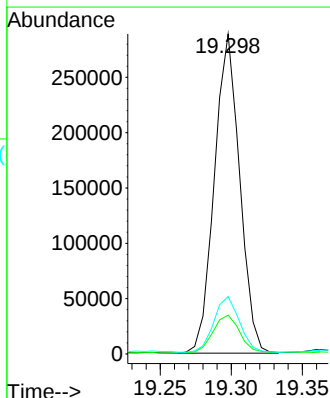
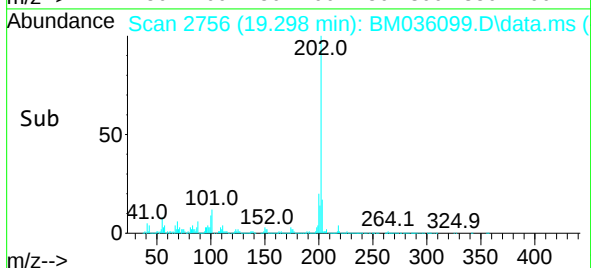
Reviewed By :Christian Giraldo 08/05/2022
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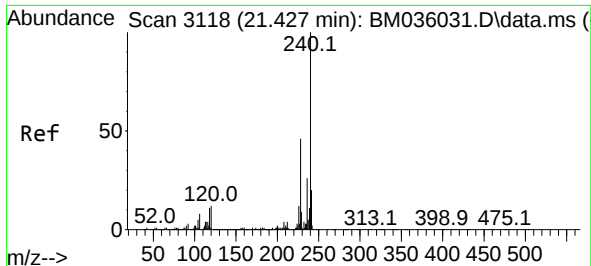


#75
Fluoranthene
Concen: 3.074 ng
RT: 19.298 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20



Tgt Ion:202 Resp: 356860
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.6
203 18.0 0.0 37.4





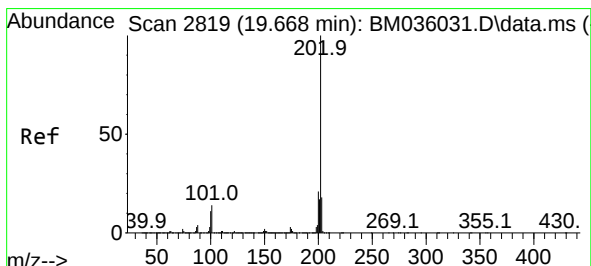
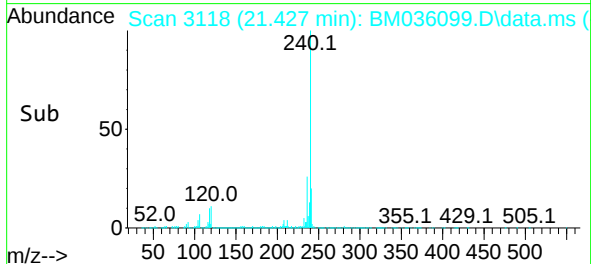
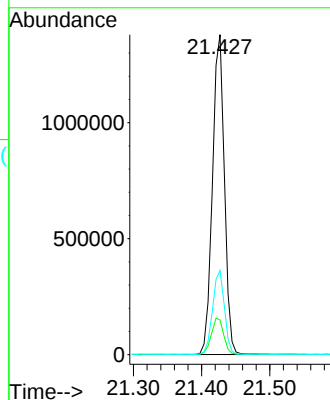
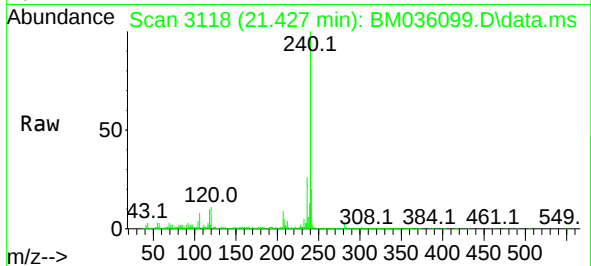
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Instrument :
BNA_M
ClientSampleId :
RVE-132

Tgt Ion:240 Resp: 168081
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.0
236 26.3 20.6 30.8

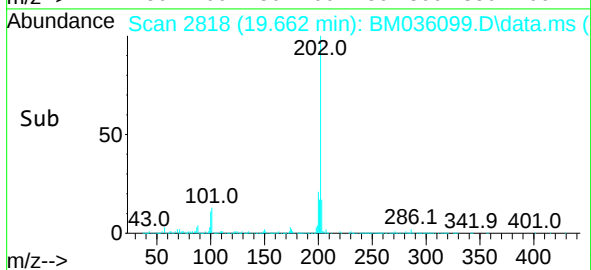
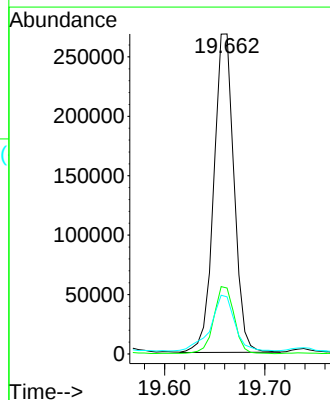
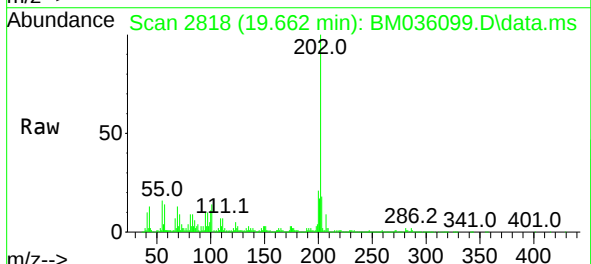
Manual Integrations
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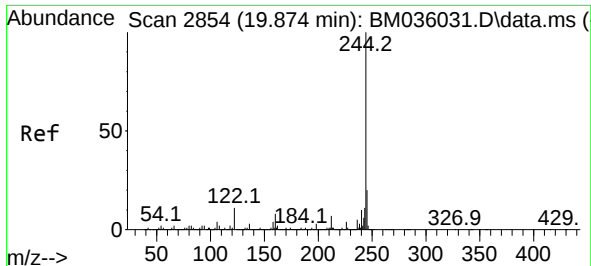
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#78
Pyrene
Concen: 3.606 ng
RT: 19.662 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

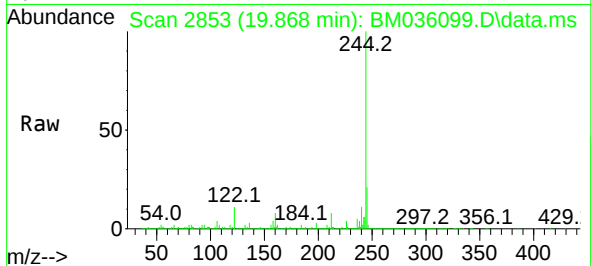
Tgt Ion:202 Resp: 375854
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.8 13.9 20.9





#79
 Terphenyl-d14
 Concen: 98.250 ng
 RT: 19.868 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036099.D
 Acq: 04 Aug 2022 15:20

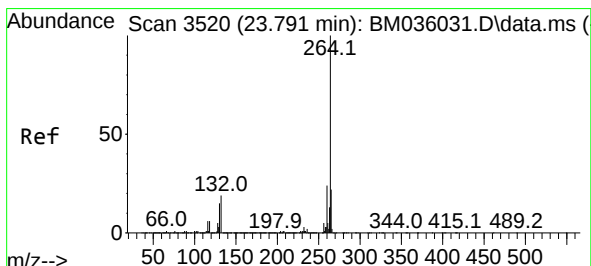
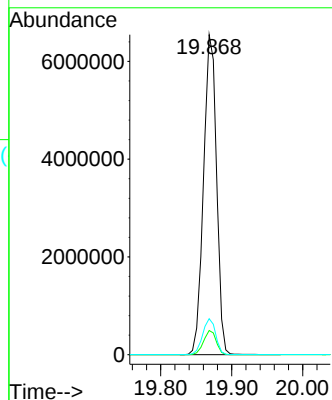
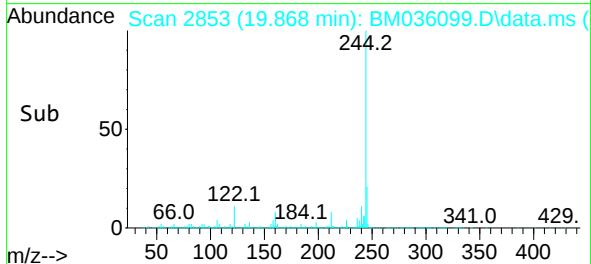
Instrument :
 BNA_M
 ClientSampleId :
 RVE-132



Tgt Ion:244 Resp: 8372330
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 11.2 8.3 12.5

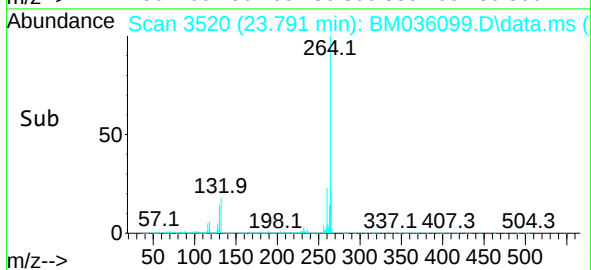
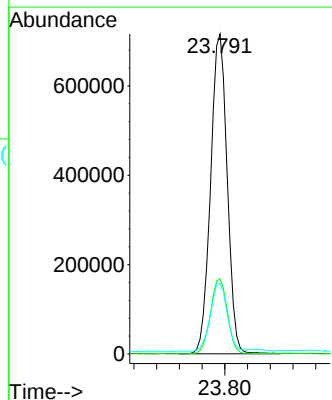
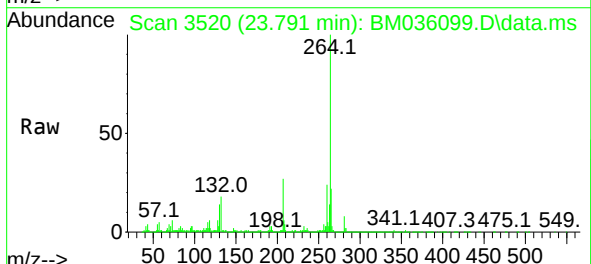
Manual Integrations
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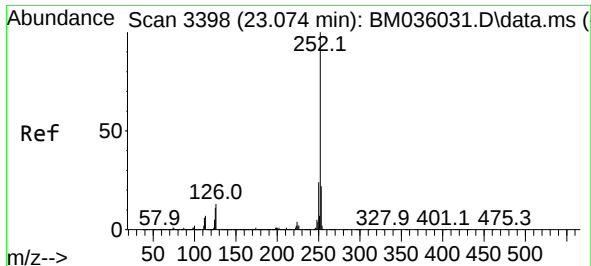
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.791 min Scan# 3520
 Delta R.T. 0.006 min
 Lab File: BM036099.D
 Acq: 04 Aug 2022 15:20

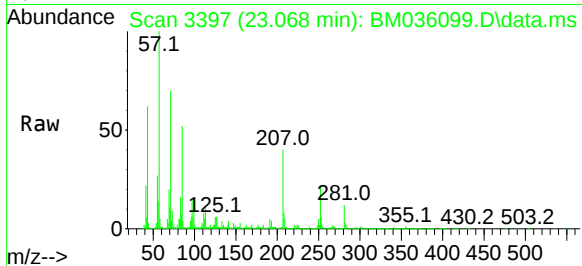
Tgt Ion:264 Resp: 1446172
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.1 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 2.750 ng
RT: 23.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM036099.D
Acq: 04 Aug 2022 15:20

Instrument :
BNA_M
ClientSampleId :
RVE-132



Tgt Ion:252 Resp: 233000
Ion Ratio Lower Upper
252 100
253 25.0 17.6 26.4
125 28.9 7.6 11.4

Manual Integrations
APPROVED

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

