

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
 Data File : BM035900.D
 Acq On : 21 Jul 2022 22:00
 Operator : CG/JU
 Sample : N3810-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

Quant Time: Jul 22 01:09:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 17:08:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	326084	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1304473	20.000	ng	-0.01
39) Acenaphthene-d10	14.527	164	680957	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1319455	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1319115	20.000	ng	-0.01
86) Perylene-d12	23.815	264	1382461	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1182032	56.197	ng	0.00
7) Phenol-d6	7.057	99	1482220	56.040	ng	0.00
23) Nitrobenzene-d5	9.057	82	885971	36.325	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	390520	51.270	ng	-0.01
45) 2-Fluorobiphenyl	13.157	172	1829476	37.976	ng	-0.01
79) Terphenyl-d14	19.886	244	2479236	36.568	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.310	178	275251	3.965	ng	98
75) Fluoranthene	19.321	202	521568	6.913	ng	98
78) Pyrene	19.680	202	498020	5.774	ng	99
81) Benzo(a)anthracene	21.427	228	323168	3.870	ng	98
83) Chrysene	21.480	228	280819	3.524	ng	98
88) Benzo(b)fluoranthene	23.092	252	396019m	4.812	ng	
90) Benzo(a)pyrene	23.709	252	298208	4.257	ng	# 97
92) Benzo(g,h,i)perylene	27.038	276	187210	2.262	ng	96

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

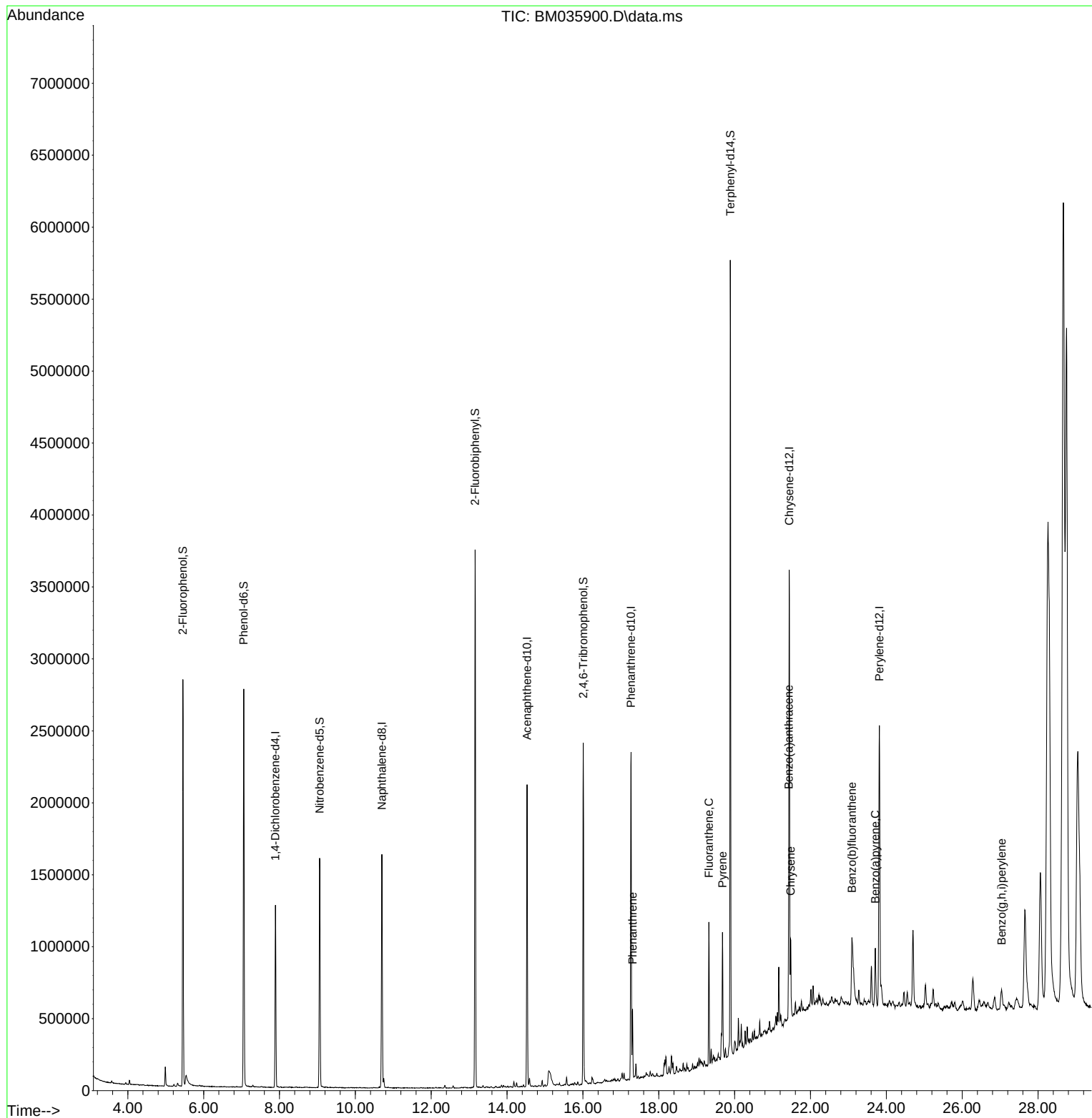
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035900.D
Acq On : 21 Jul 2022 22:00
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ALS Vial : 12 Sample Multiplier: 1

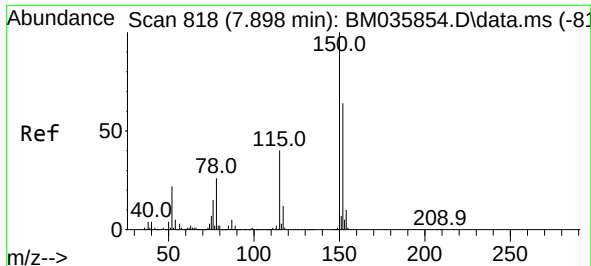
Instrument :
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Quant Time: Jul 22 01:09:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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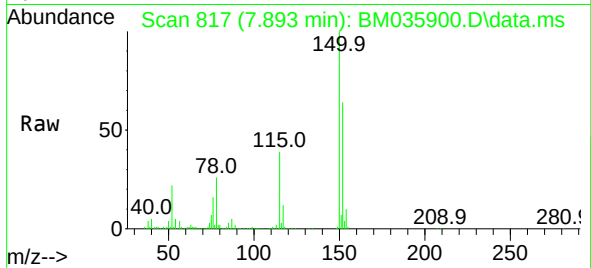
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Supervised By :Jagrut Upadhyay 07/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

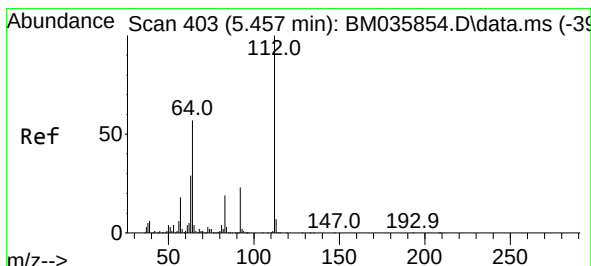
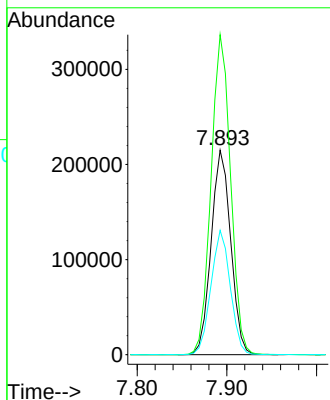
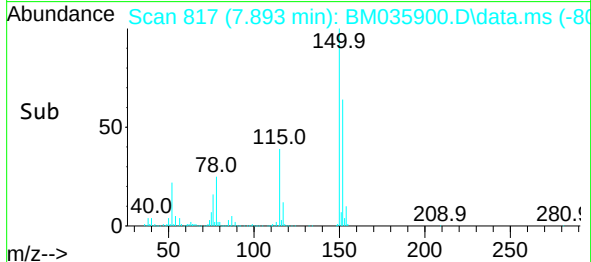
Instrument :
BNA_M
ClientSampleId :
COMP-2



Tgt Ion:152 Resp: 326084
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 60.8 47.9 71.9

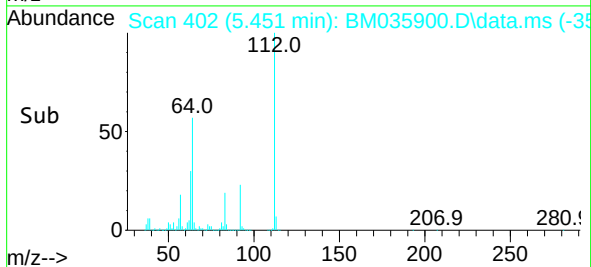
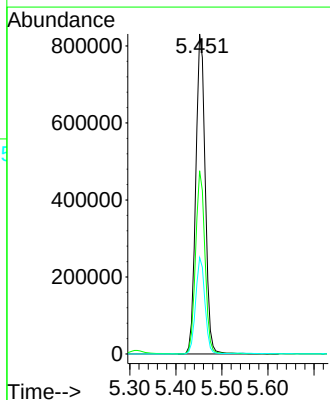
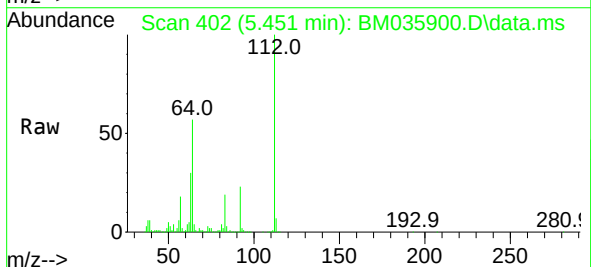
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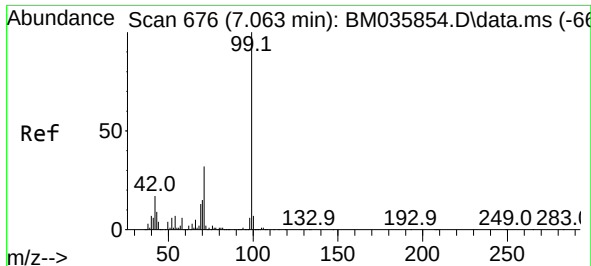
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#5
2-Fluorophenol
Concen: 56.197 ng
RT: 5.451 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

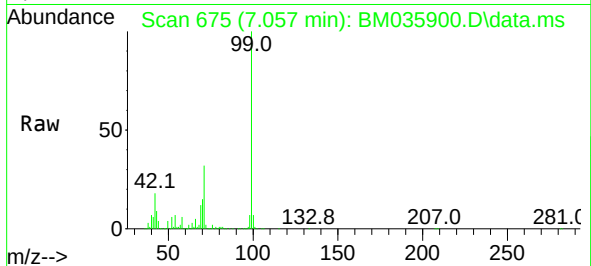
Tgt Ion:112 Resp: 1182032
Ion Ratio Lower Upper
112 100
64 57.2 47.8 71.6
63 30.1 26.6 40.0





#7
Phenol-d6
Concen: 56.040 ng
RT: 7.057 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

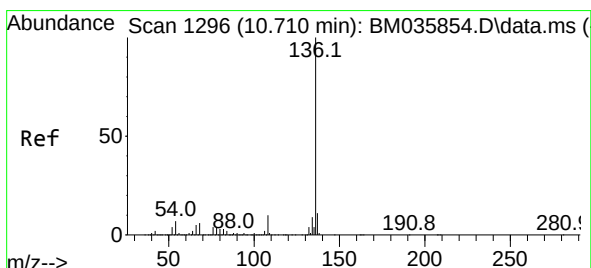
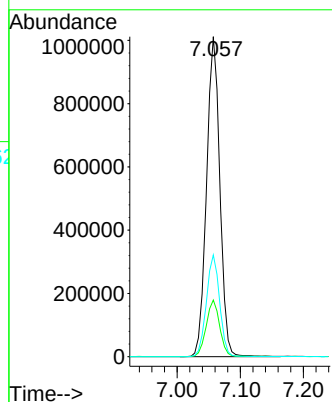
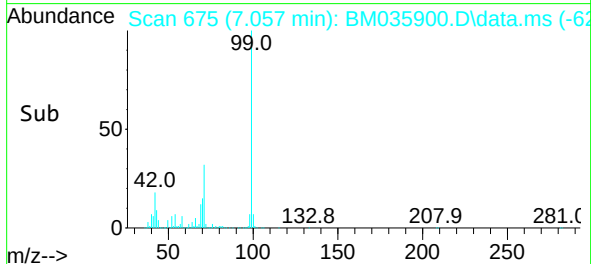
Instrument :
BNA_M
ClientSampleId :
COMP-2



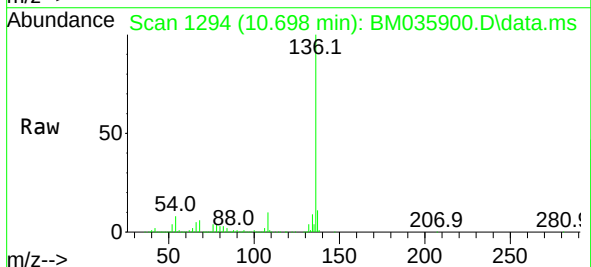
Tgt Ion: 99 Resp: 1482220
Ion Ratio Lower Upper
99 100
42 17.7 18.8 28.2
71 31.8 30.2 45.2

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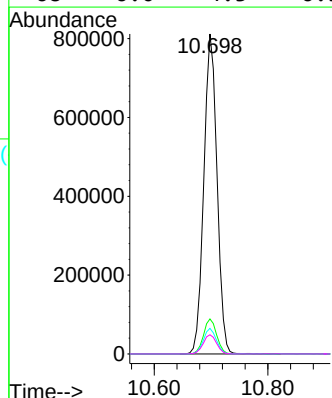
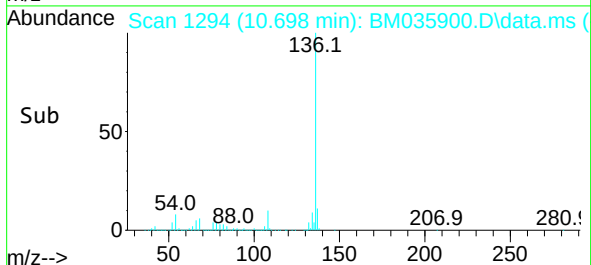
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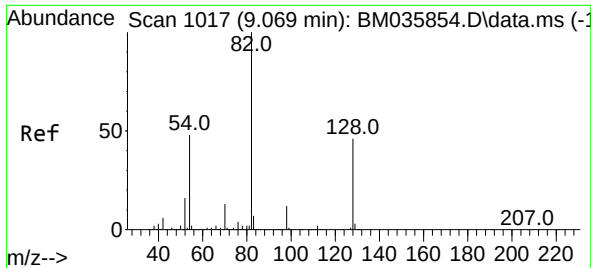


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00



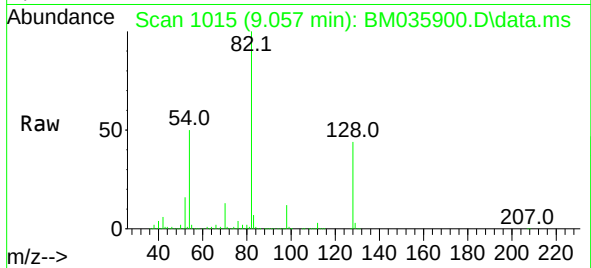
Tgt Ion:136 Resp: 1304473
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 7.0 10.4
68 6.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 36.325 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

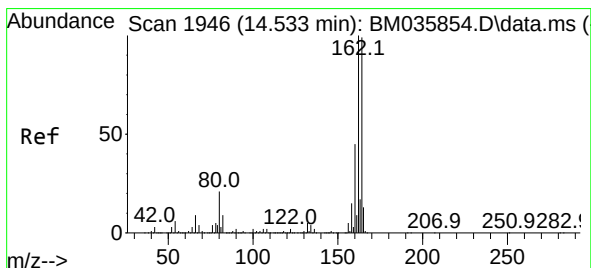
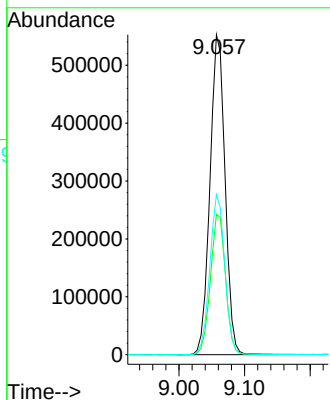
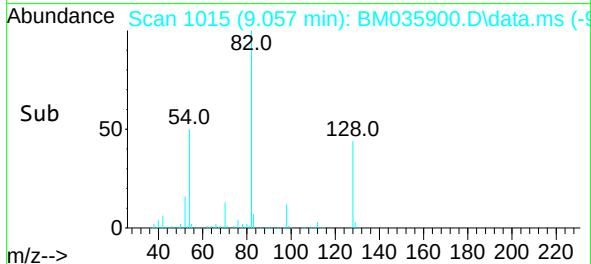
Instrument :
BNA_M
ClientSampleId :
COMP-2



Tgt Ion: 82 Resp: 88597
Ion Ratio Lower Upper
82 100
128 43.8 33.7 50.5
54 50.0 43.2 64.8

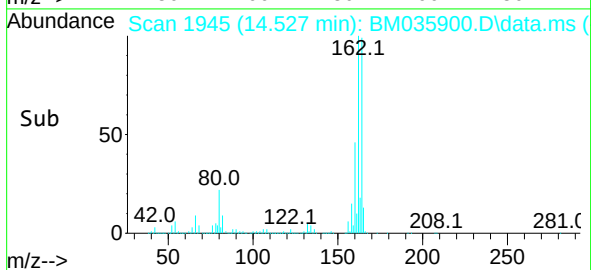
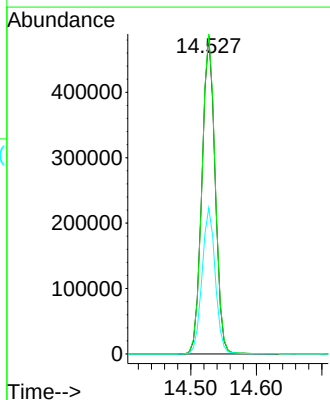
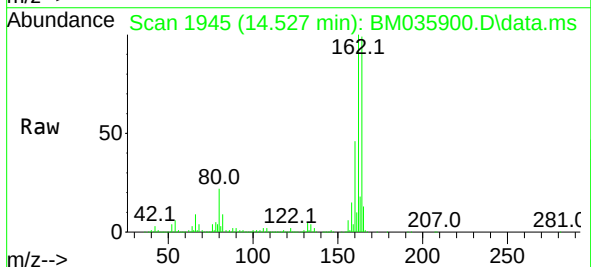
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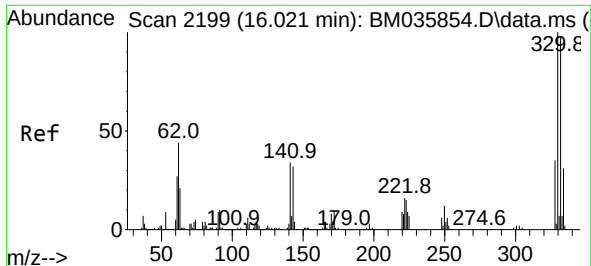
Reviewed By :Christian Giraldo 07/22/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.527 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

Tgt Ion:164 Resp: 680957
Ion Ratio Lower Upper
164 100
162 100.5 83.0 124.6
160 45.9 37.0 55.4





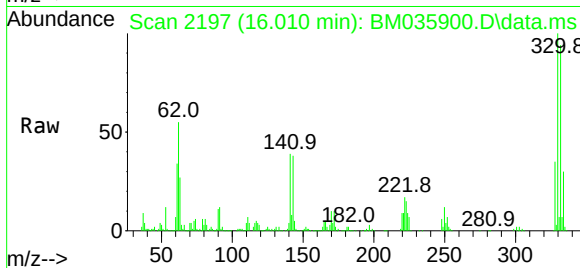
#42
2,4,6-Tribromophenol
Concen: 51.270 ng
RT: 16.010 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

Instrument :

BNA_M

ClientSampleId :

COMP-2

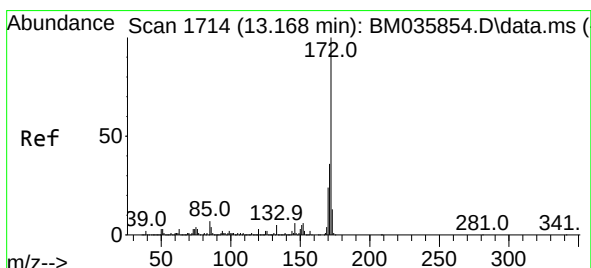
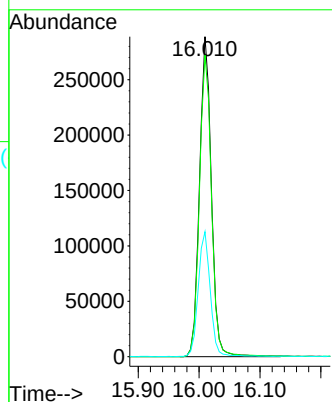
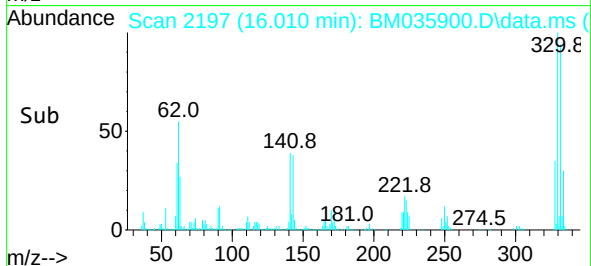


Tgt Ion:330 Resp: 390520
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 40.0 35.3 52.9

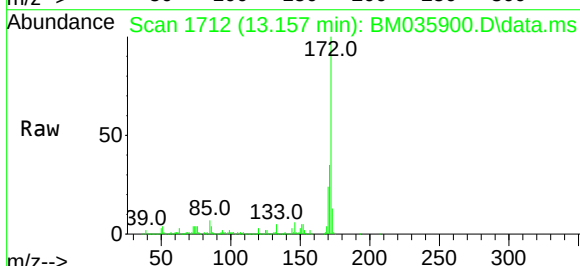
Manual Integrations

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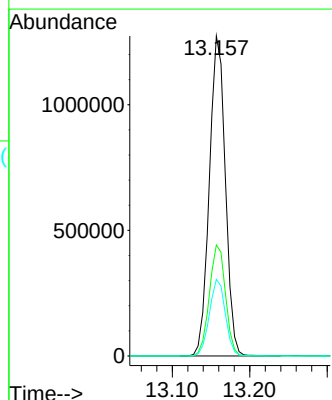
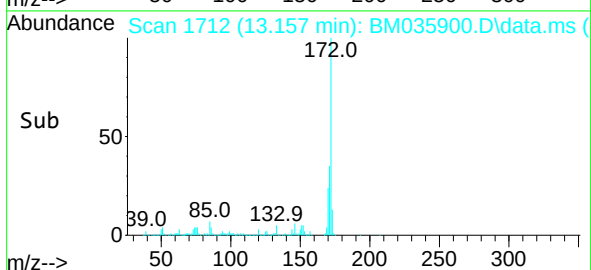
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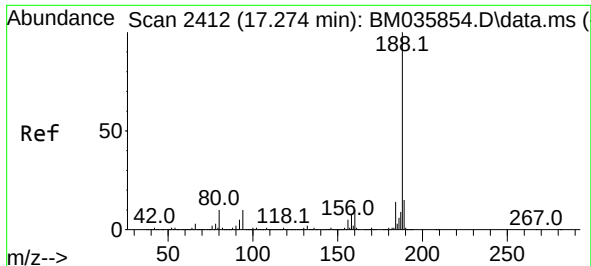


#45
2-Fluorobiphenyl
Concen: 37.976 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00



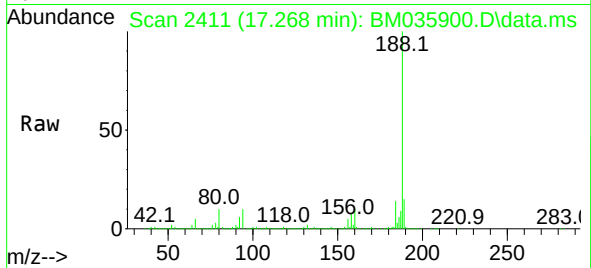
Tgt Ion:172 Resp: 1829476
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.9 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

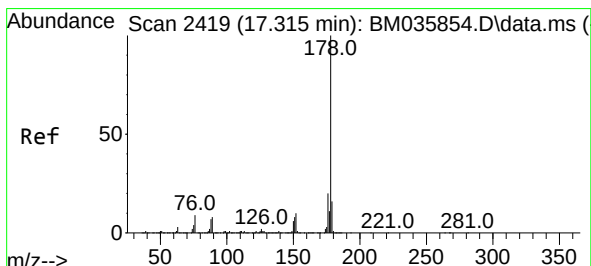
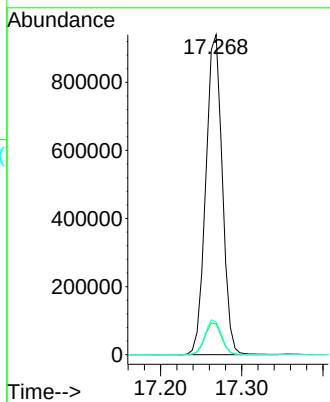
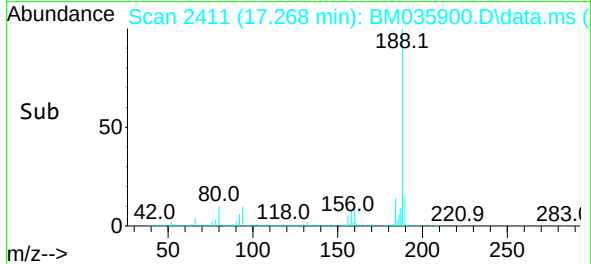
Instrument :
BNA_M
ClientSampleId :
COMP-2



Tgt Ion:188 Resp: 131945
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.3 7.6 11.4

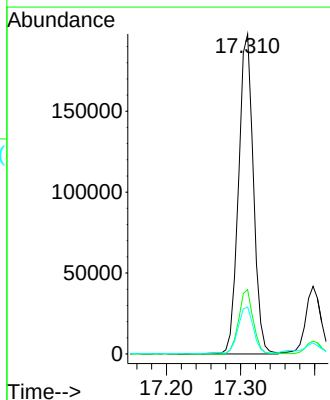
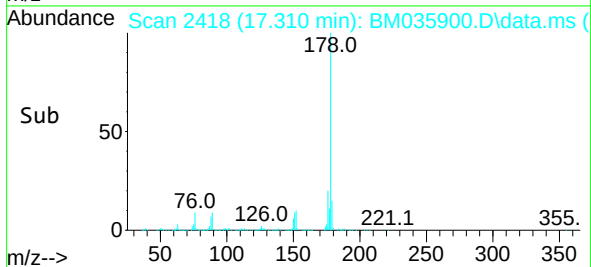
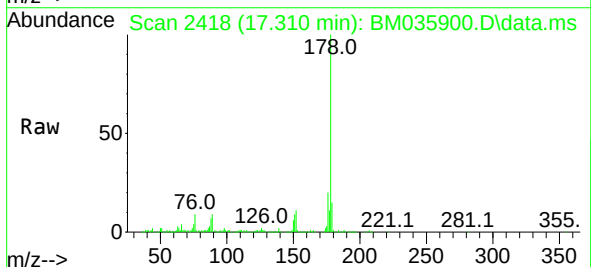
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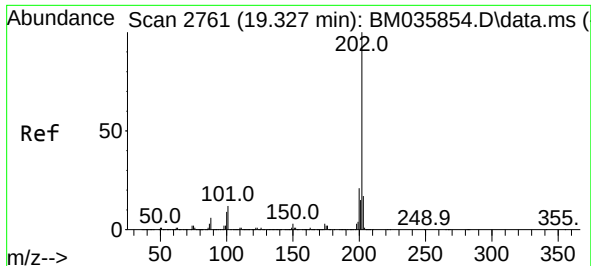
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#71
Phenanthrene
Concen: 3.965 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

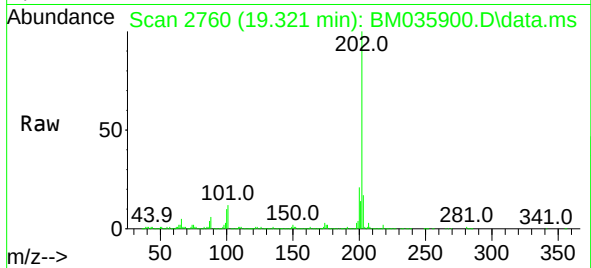
Tgt Ion:178 Resp: 275251
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 14.7 12.4 18.6





#75
Fluoranthene
Concen: 6.913 ng
RT: 19.321 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

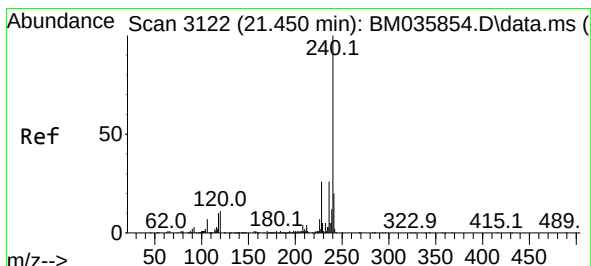
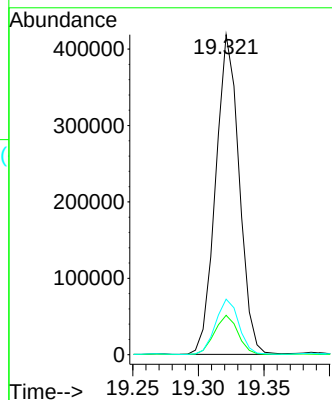
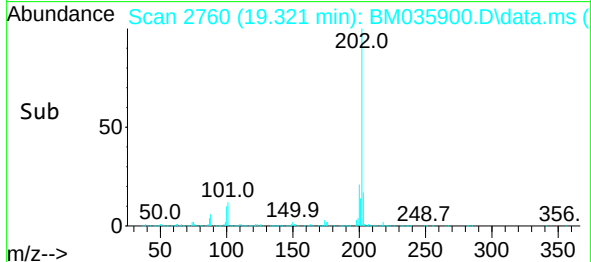
Instrument :
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COMP-2



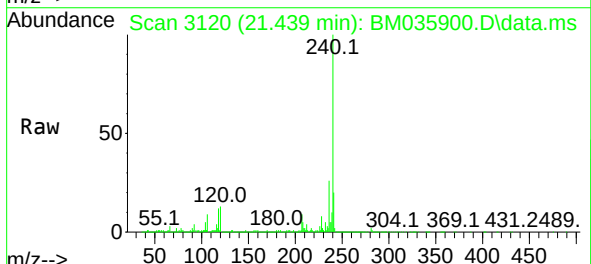
Tgt Ion:202 Resp: 52156
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.6
203 17.4 0.0 37.4

Manual Integrations
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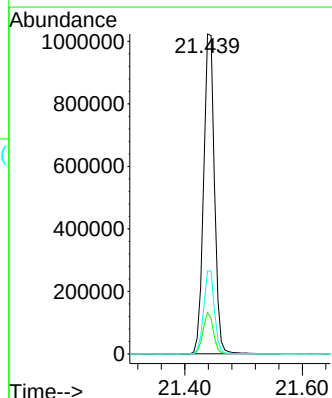
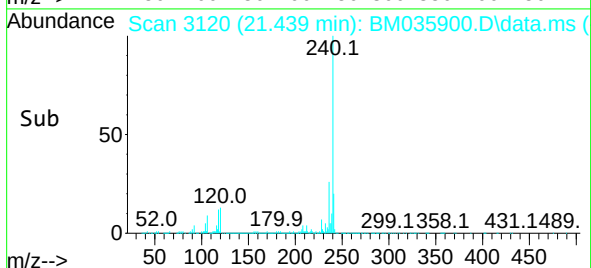
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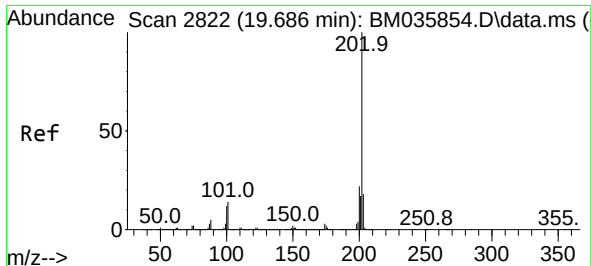


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00



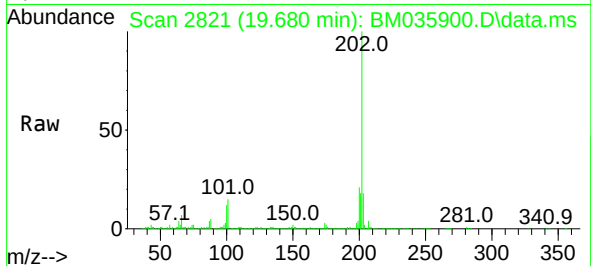
Tgt Ion:240 Resp: 1319115
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.0
236 26.0 20.6 30.8





#78
 Pyrene
 Concen: 5.774 ng
 RT: 19.680 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035900.D
 Acq: 21 Jul 2022 22:00

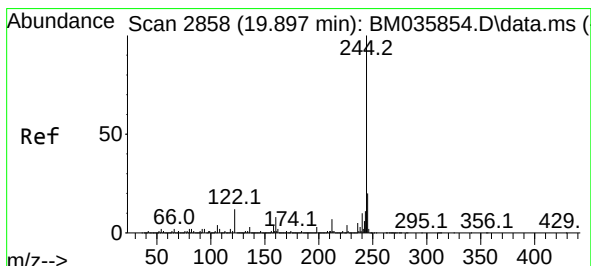
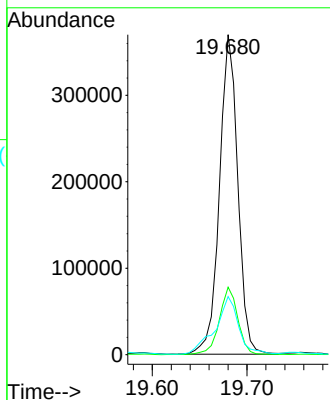
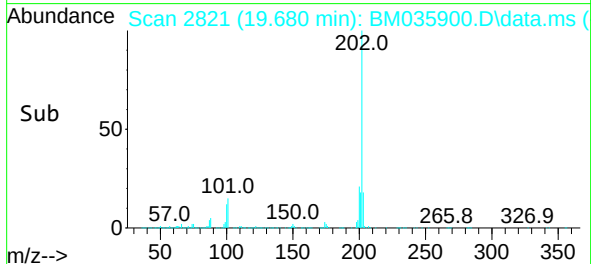
Instrument :
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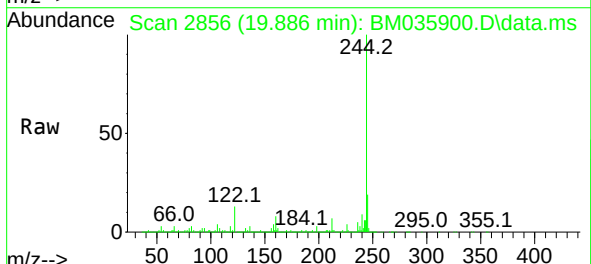
Tgt Ion:202 Resp: 498020
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.7 25.1
 203 18.1 13.9 20.9

Manual Integrations
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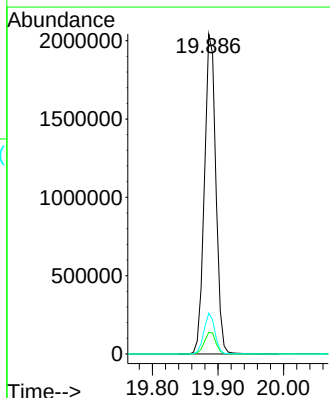
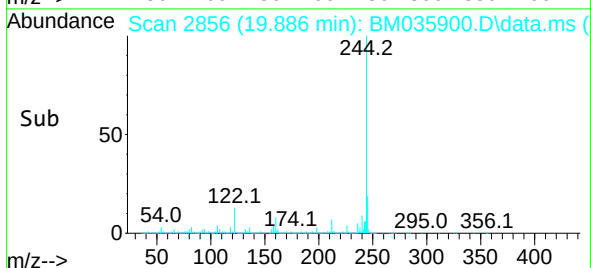
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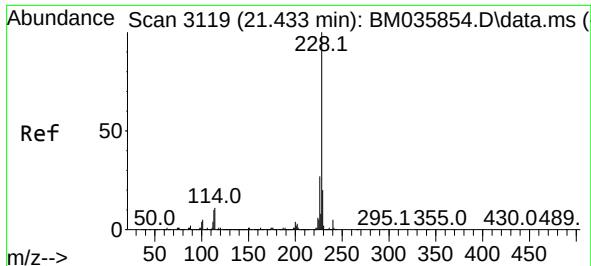


#79
 Terphenyl-d14
 Concen: 36.568 ng
 RT: 19.886 min Scan# 2856
 Delta R.T. -0.012 min
 Lab File: BM035900.D
 Acq: 21 Jul 2022 22:00



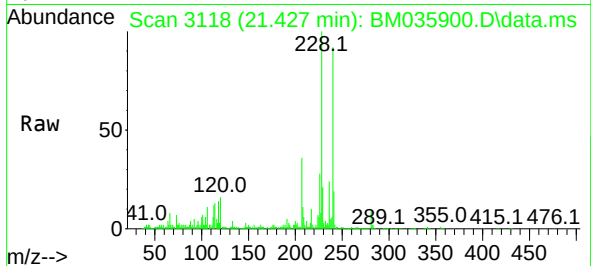
Tgt Ion:244 Resp: 2479236
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.4
 122 12.7 8.3 12.5#





#81
Benzo(a)anthracene
Concen: 3.870 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

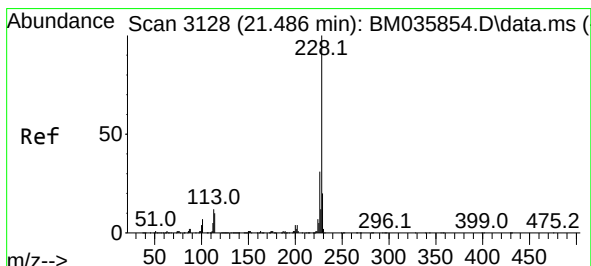
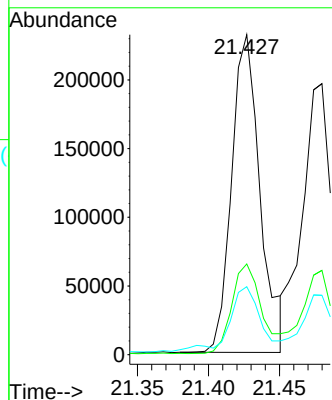
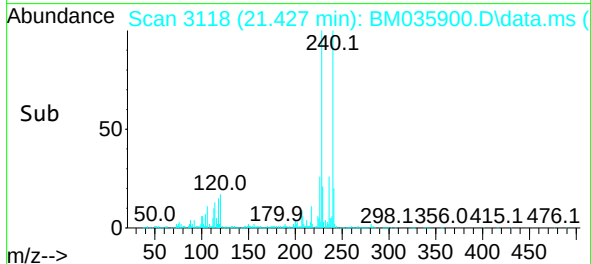
Instrument :
BNA_M
ClientSampleId :
COMP-2



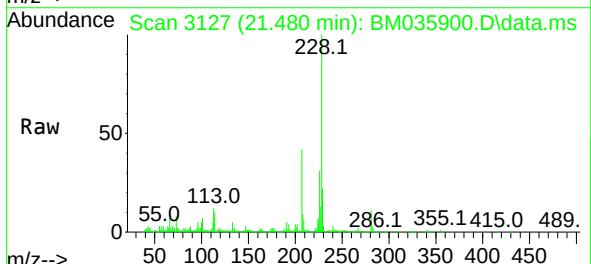
Tgt Ion:228 Resp: 32316
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 21.3 15.8 23.6

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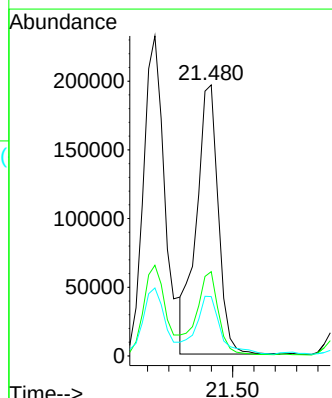
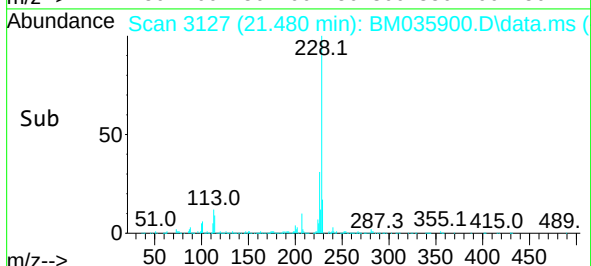
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

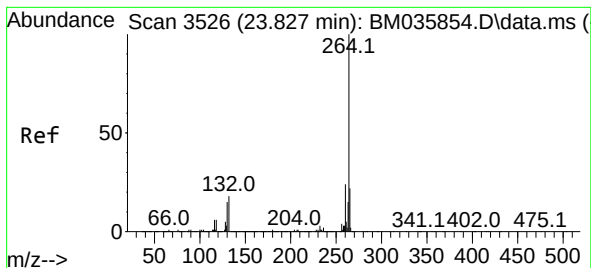


#83
Chrysene
Concen: 3.524 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00



Tgt Ion:228 Resp: 280819
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 21.9 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.815 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM035900.D

Acq: 21 Jul 2022 22:00

Instrument :

BNA_M

ClientSampleId :

COMP-2

Tgt Ion:264 Resp: 138246

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

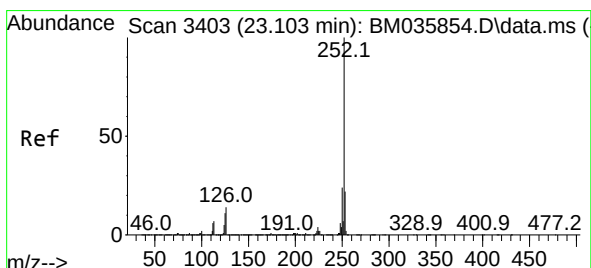
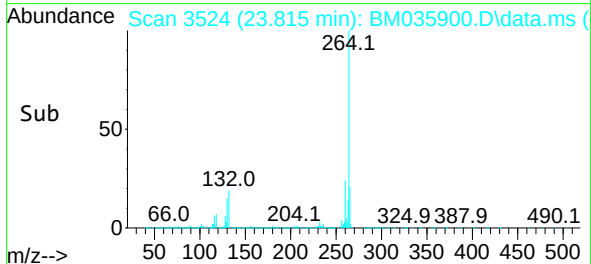
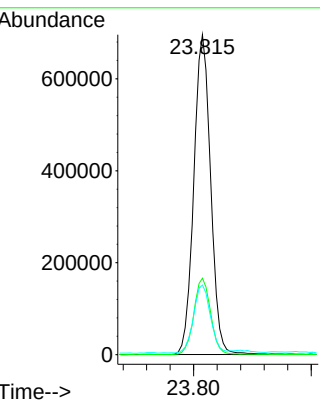
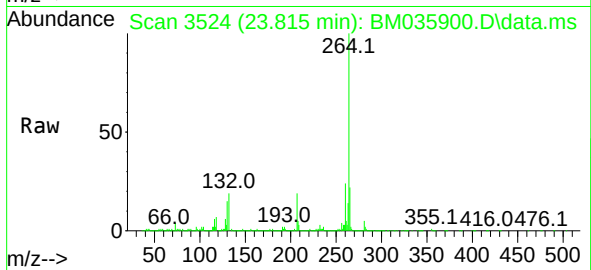
265 21.8 17.5 26.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#88

Benzo(b)fluoranthene

Concen: 4.812 ng m

RT: 23.092 min Scan# 3401

Delta R.T. -0.012 min

Lab File: BM035900.D

Acq: 21 Jul 2022 22:00

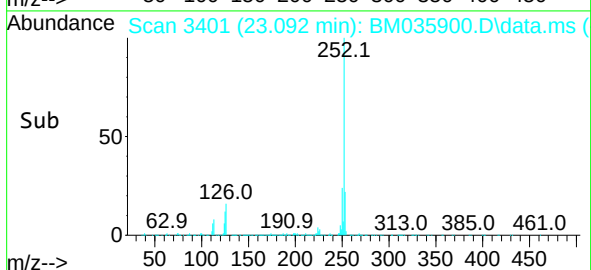
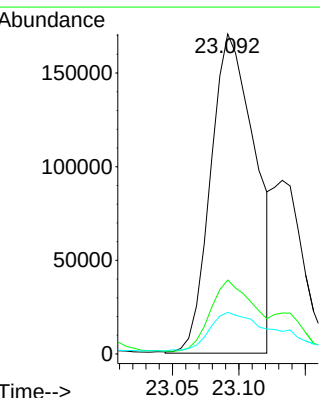
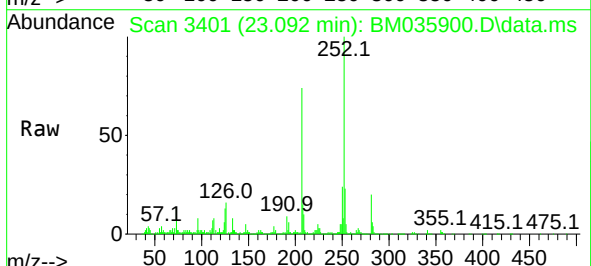
Tgt Ion:252 Resp: 396019

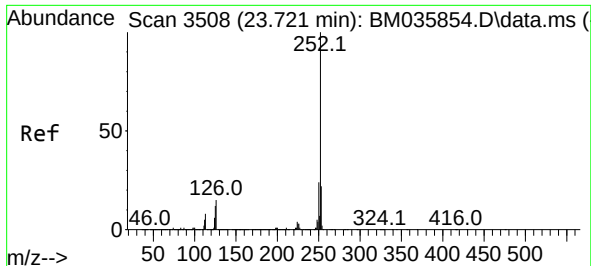
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 13.0 7.6 11.4#





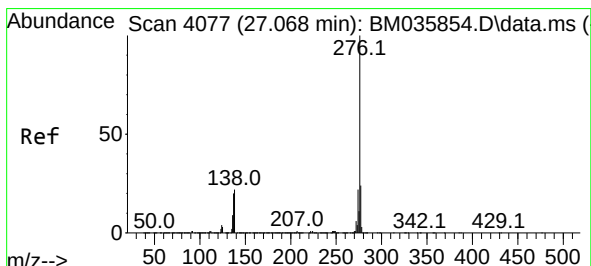
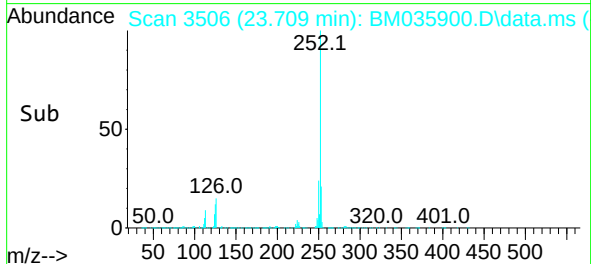
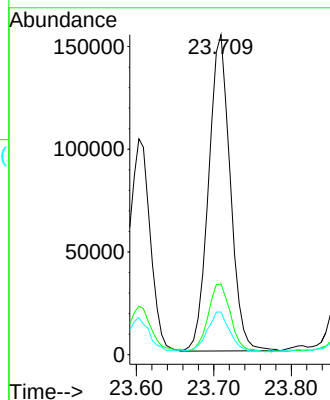
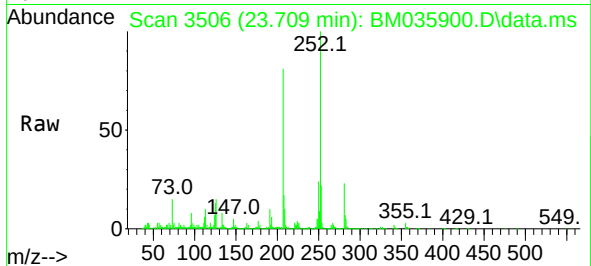
#90
Benzo(a)pyrene
Concen: 4.257 ng
RT: 23.709 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:252 Resp: 298208
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 13.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#92
Benzo(g,h,i)perylene
Concen: 2.262 ng
RT: 27.038 min Scan# 4072
Delta R.T. -0.029 min
Lab File: BM035900.D
Acq: 21 Jul 2022 22:00

Tgt Ion:276 Resp: 187210
Ion Ratio Lower Upper
276 100
277 24.5 18.7 28.1
138 24.8 17.6 26.4

