

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
 Data File : BM033691.D
 Acq On : 10 Jan 2022 17:52
 Operator : CG/JU
 Sample : N1081-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-16

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2022
 Supervised By : Jagrut Upadhyay 01/11/2022

Quant Time: Jan 11 02:26:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 17:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	215657	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	871469	20.000	ng	#-0.01
39) Acenaphthene-d10	14.618	164	492861	20.000	ng	0.00
64) Phenanthrene-d10	17.354	188	828681	20.000	ng	0.00
76) Chrysene-d12	21.518	240	629302	20.000	ng	0.00
86) Perylene-d12	23.947	264	690806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	521742	38.156	ng	0.00
7) Phenol-d6	7.131	99	655010	35.542	ng	0.00
23) Nitrobenzene-d5	9.142	82	1463869	77.576	ng	-0.01
42) 2,4,6-Tribromophenol	16.095	330	194430	37.770	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	3173022	84.324	ng	-0.01
79) Terphenyl-d14	19.965	244	3033812	86.776	ng	0.00
Target Compounds						Qvalue
25) Isophorone	9.713	82	190571	6.235	ng	96
71) Phenanthrene	17.395	178	800678	16.885	ng	98
72) Anthracene	17.483	178	130057	2.796	ng	97
75) Fluoranthene	19.401	202	1010650	20.302	ng	98
78) Pyrene	19.765	202	1418711	32.020	ng	98
81) Benzo(a)anthracene	21.500	228	489483	11.471	ng	# 87
83) Chrysene	21.553	228	536250m	13.132	ng	
87) Indeno(1,2,3-cd)pyrene	26.482	276	246137	4.832	ng	96
88) Benzo(b)fluoranthene	23.206	252	448015	10.172	ng	# 87
89) Benzo(k)fluoranthene	23.247	252	150428m	3.524	ng	
90) Benzo(a)pyrene	23.836	252	387476	10.600	ng	# 90
92) Benzo(g,h,i)perylene	27.271	276	370017	8.895	ng	95

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

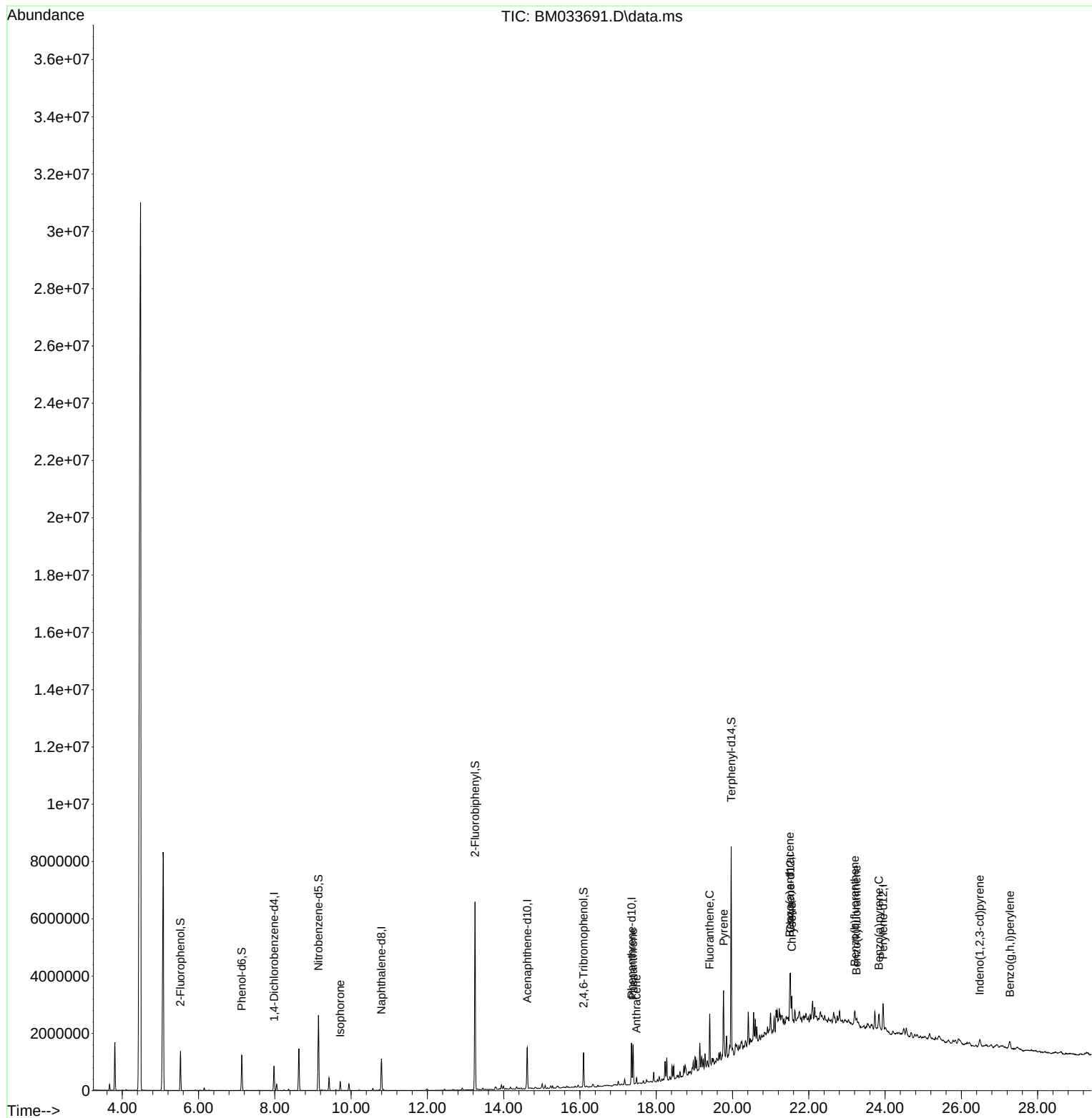
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
Data File : BM033691.D
Acq On : 10 Jan 2022 17:52
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

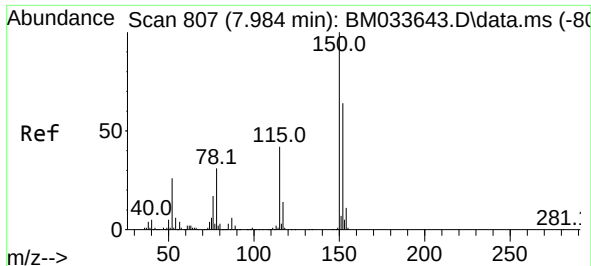
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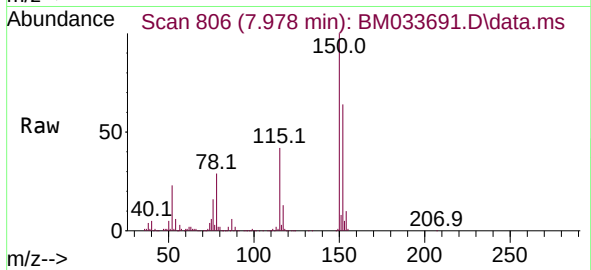
Quant Time: Jan 11 02:26:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

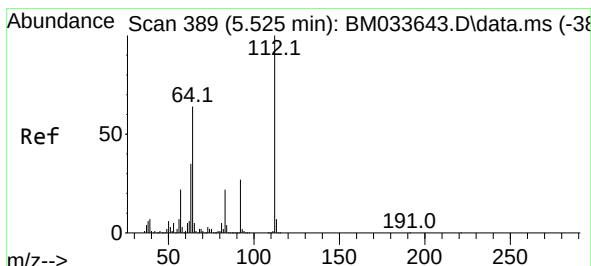
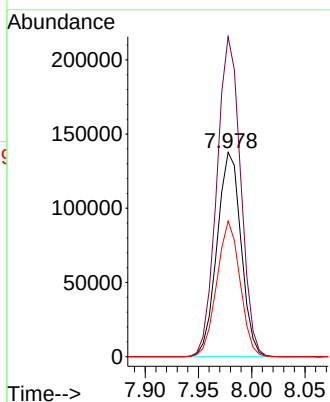
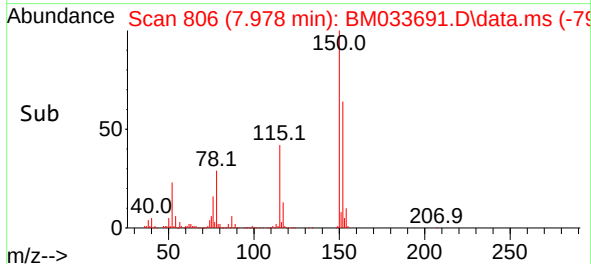
Instrument :
BNA_M
ClientSampleId :
OB-CS-16



Tgt Ion:152 Resp: 21565
Ion Ratio Lower Upper
152 100
150 156.6 128.9 193.3
115 66.4 53.0 79.6

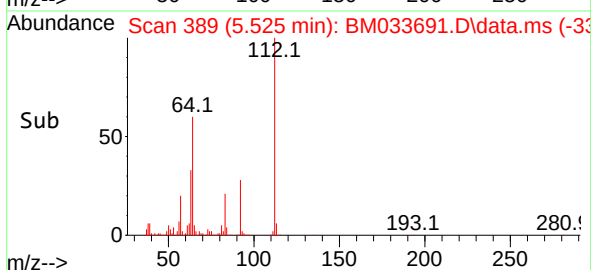
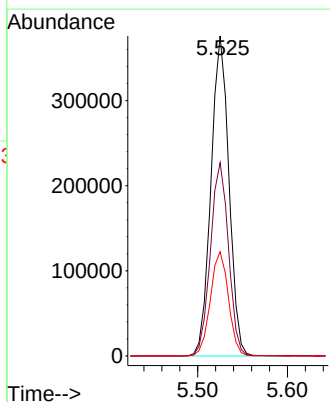
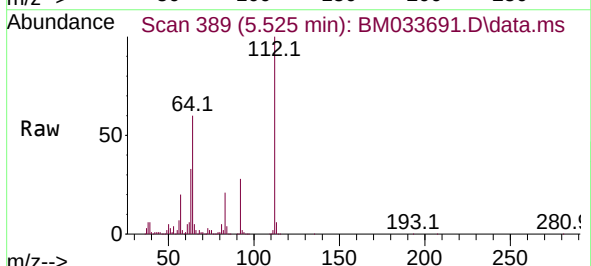
Manual Integrations
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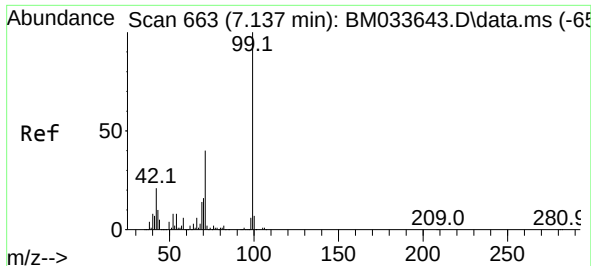
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#5
2-Fluorophenol
Concen: 38.156 ng
RT: 5.525 min Scan# 389
Delta R.T. -0.000 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

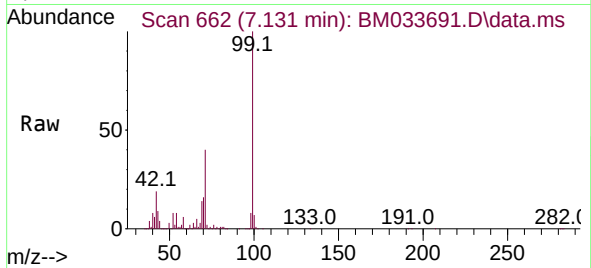
Tgt Ion:112 Resp: 521742
Ion Ratio Lower Upper
112 100
64 60.4 55.5 83.3
63 32.6 31.3 46.9





#7
Phenol-d6
Concen: 35.542 ng
RT: 7.131 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

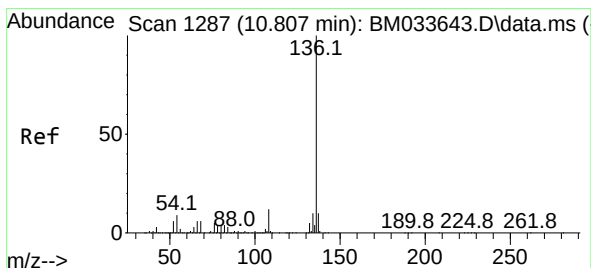
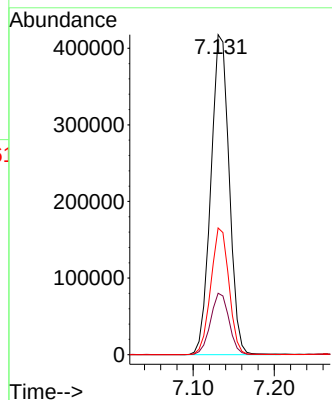
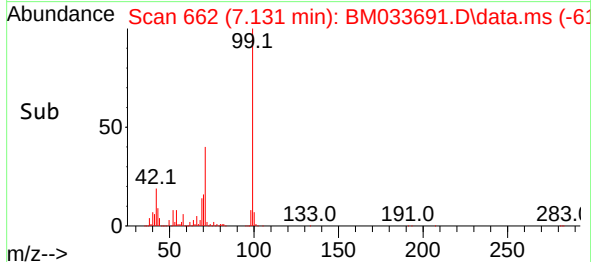
Instrument :
BNA_M
ClientSampleId :
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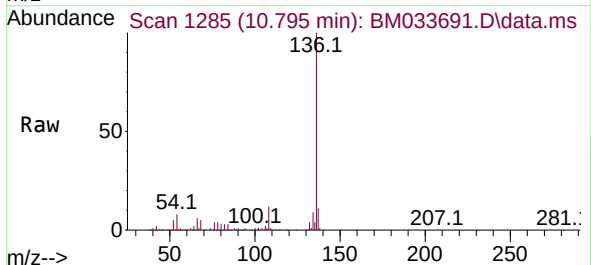
Tgt Ion: 99 Resp: 655010
Ion Ratio Lower Upper
99 100
42 19.2 20.3 30.5
71 39.6 34.5 51.7

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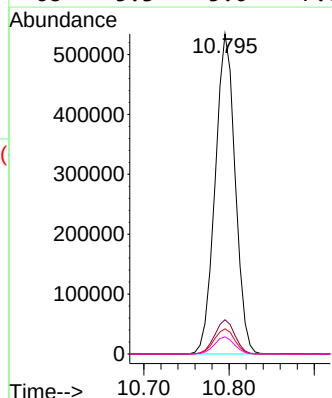
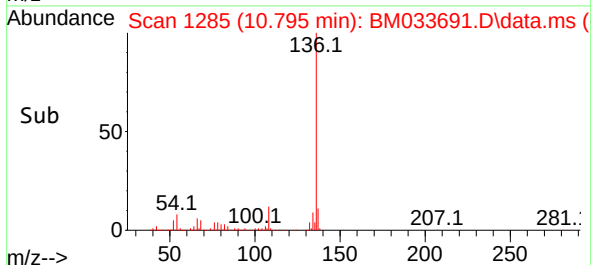
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

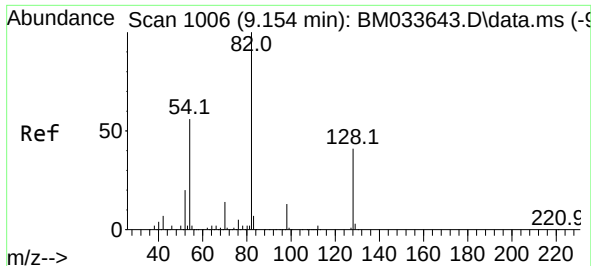


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52



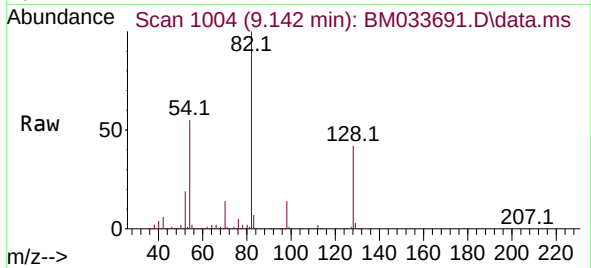
Tgt Ion:136 Resp: 871469
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.9 8.3 12.5
68 5.3 5.0 7.6





#23
Nitrobenzene-d5
Concen: 77.576 ng
RT: 9.142 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

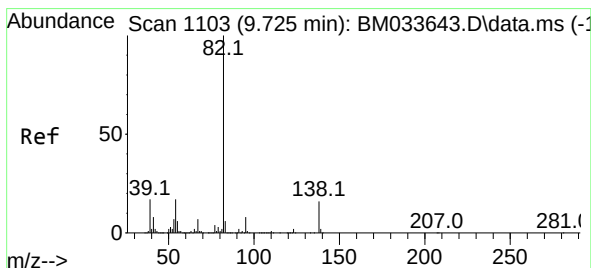
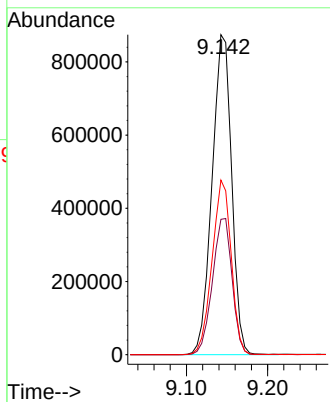
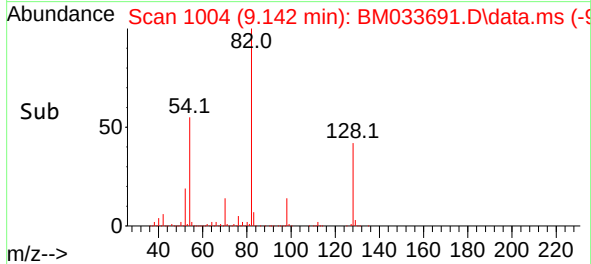
Instrument :
BNA_M
ClientSampleId :
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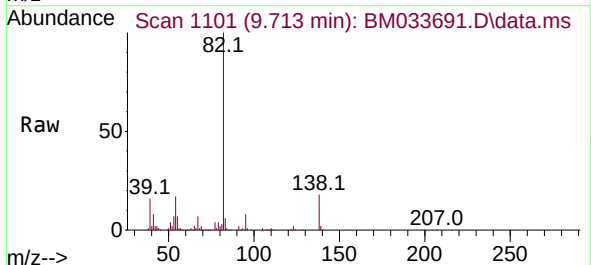
Tgt Ion: 82 Resp: 146386
Ion Ratio Lower Upper
82 100
128 42.3 28.1 42.1
54 54.5 46.1 69.1

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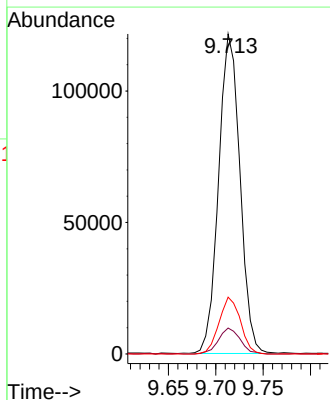
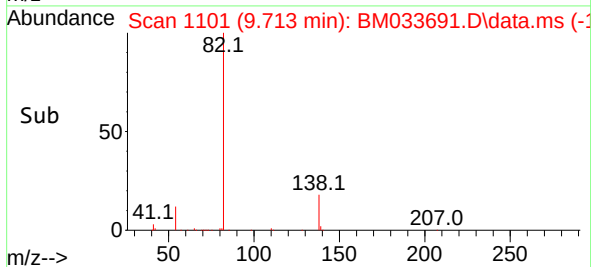
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

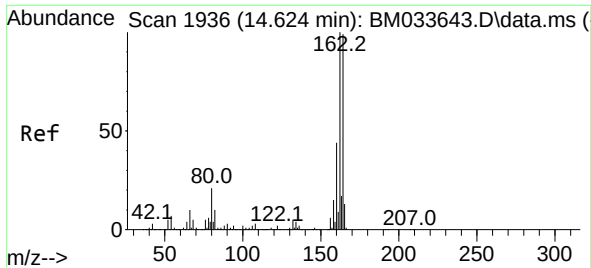


#25
Isophorone
Concen: 6.235 ng
RT: 9.713 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52



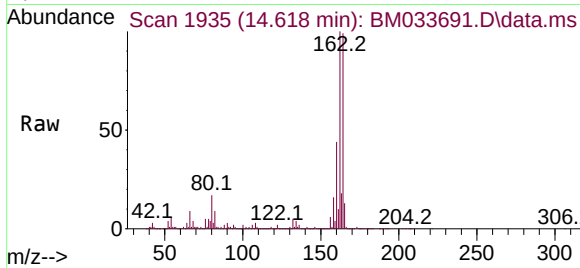
Tgt Ion: 82 Resp: 190571
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.8 12.4 18.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

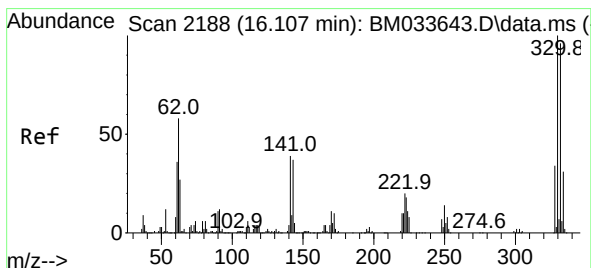
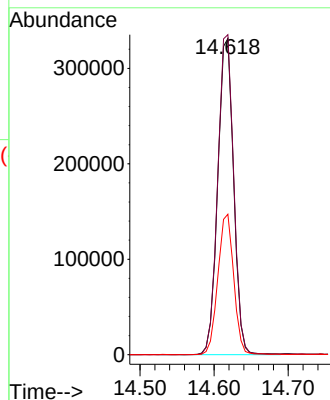
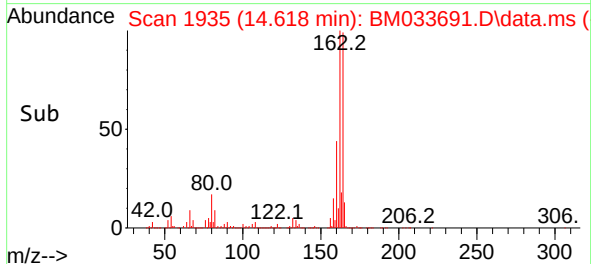
Instrument :
BNA_M
ClientSampleId :
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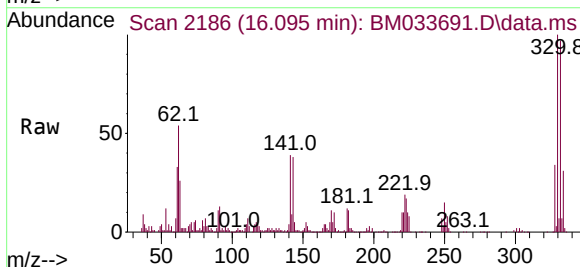
Tgt Ion:164 Resp: 49286
Ion Ratio Lower Upper
164 100
162 101.2 79.7 119.5
160 44.4 34.2 51.4

Manual Integrations
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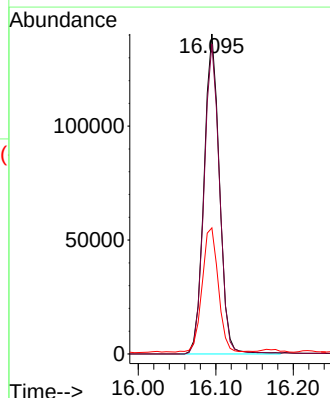
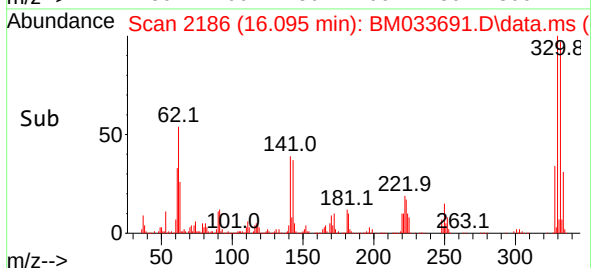
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

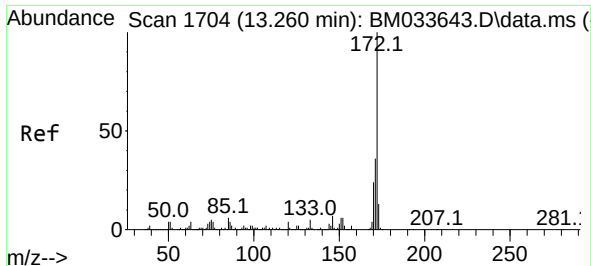


#42
2,4,6-Tribromophenol
Concen: 37.770 ng
RT: 16.095 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52



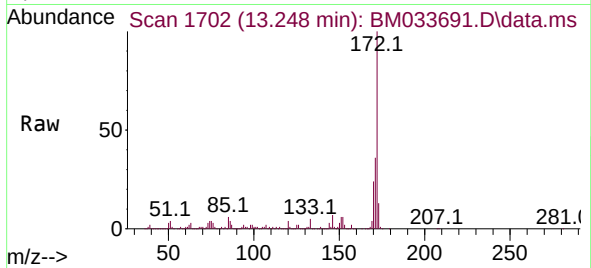
Tgt Ion:330 Resp: 194430
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 40.4 35.9 53.9





#45
2-Fluorobiphenyl
Concen: 84.324 ng
RT: 13.248 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

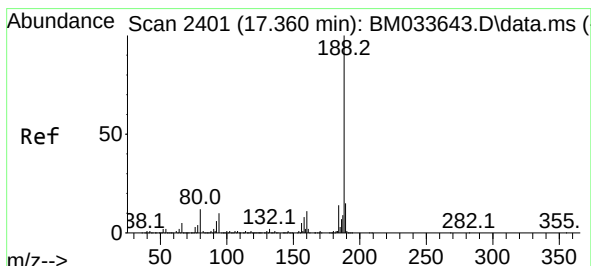
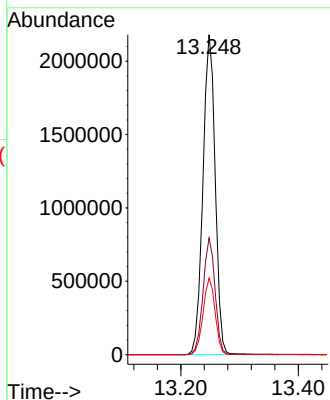
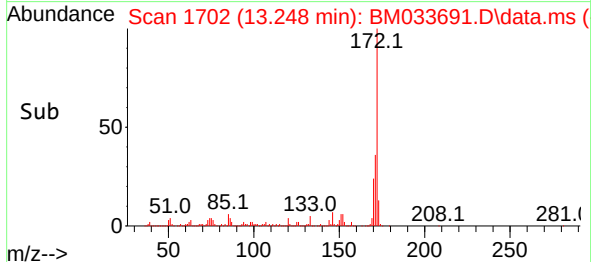
Instrument :
BNA_M
ClientSampleId :
OB-CS-16



Tgt Ion:172 Resp: 317302
Ion Ratio Lower Upper
172 100
171 36.4 27.2 40.8
170 23.9 18.7 28.1

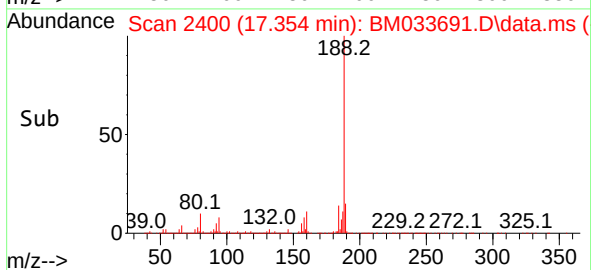
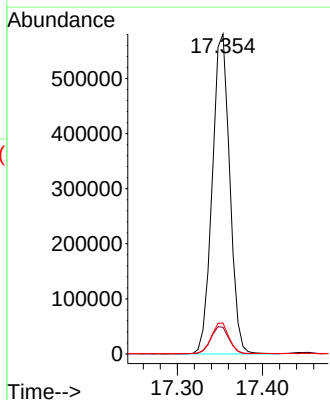
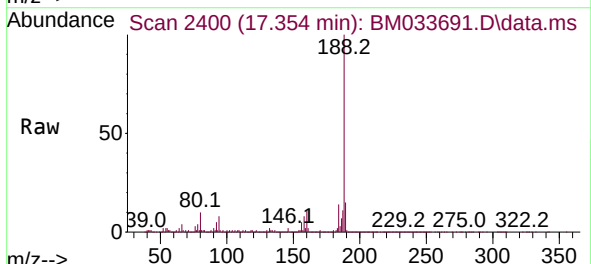
Manual Integrations
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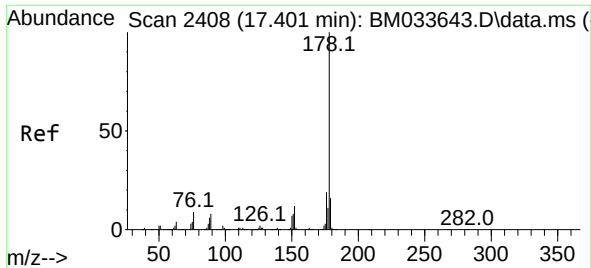
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

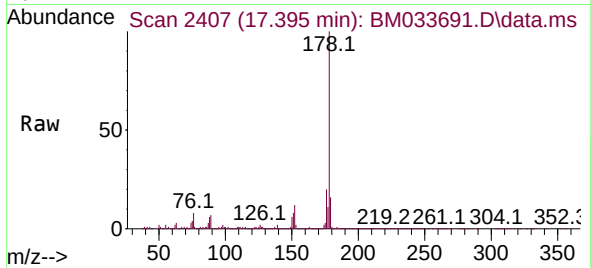
Tgt Ion:188 Resp: 828681
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 9.7 8.9 13.3





#71
Phenanthrene
Concen: 16.885 ng
RT: 17.395 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

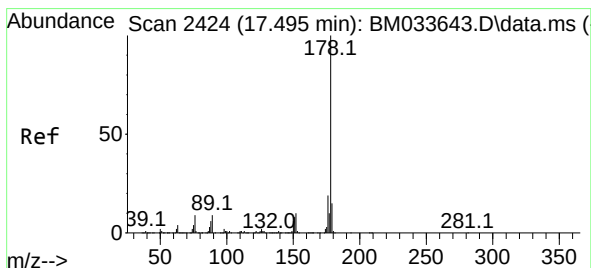
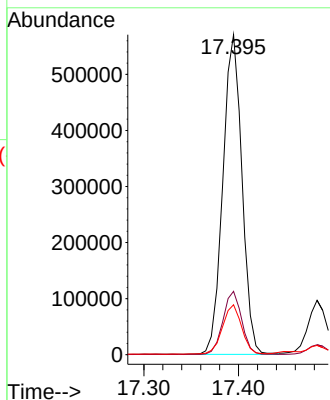
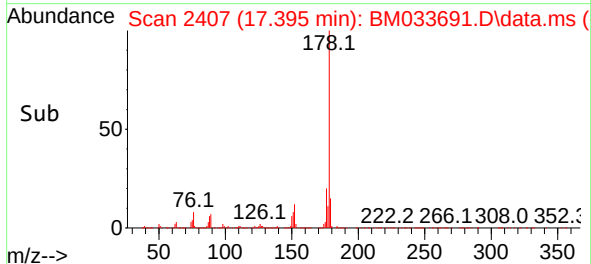
Instrument :
BNA_M
ClientSampleId :
OB-CS-16



Tgt Ion:178 Resp: 800678
Ion Ratio Lower Upper
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176 19.8 15.1 22.7
179 15.6 12.0 18.0

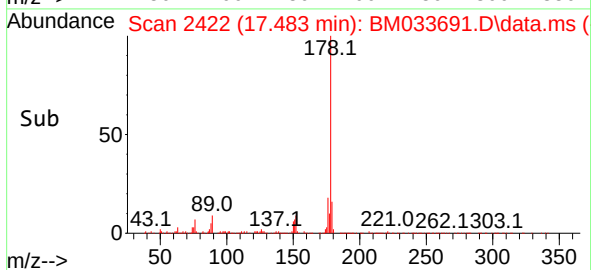
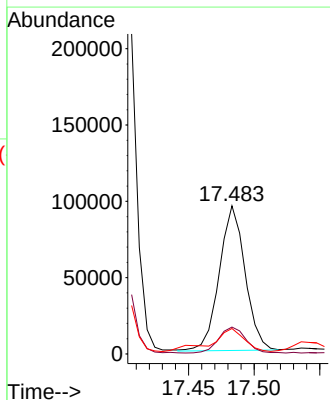
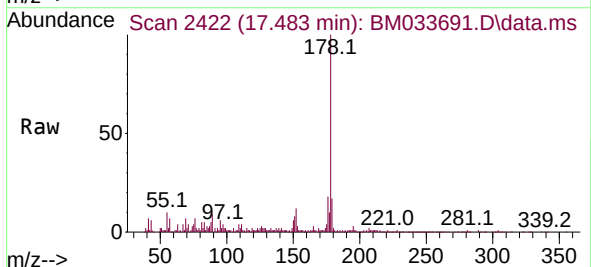
Manual Integrations
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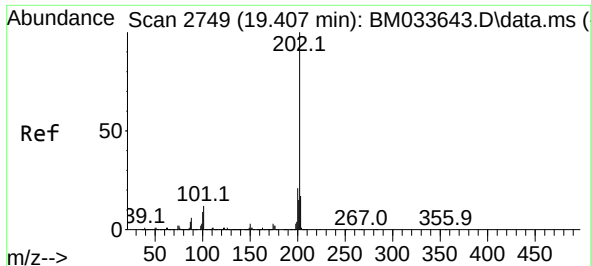
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#72
Anthracene
Concen: 2.796 ng
RT: 17.483 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

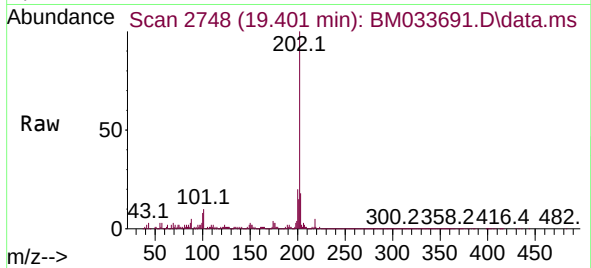
Tgt Ion:178 Resp: 130057
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 17.2 11.9 17.9





#75
Fluoranthene
Concen: 20.302 ng
RT: 19.401 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

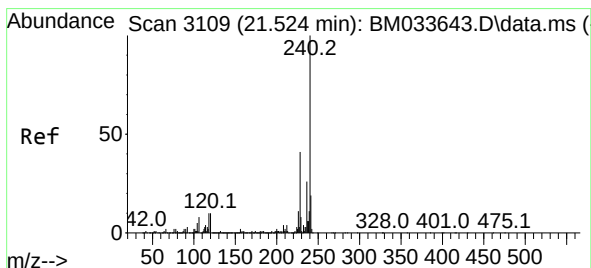
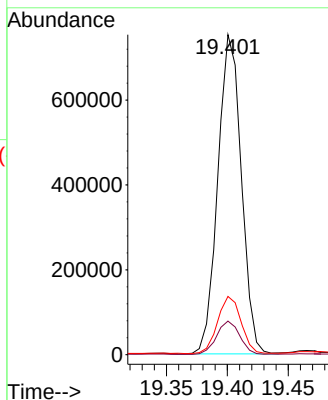
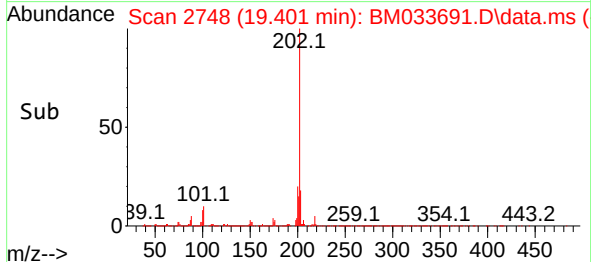
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 1010650
Ion Ratio Lower Upper
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101 10.5 0.0 30.8
203 18.2 0.0 37.2

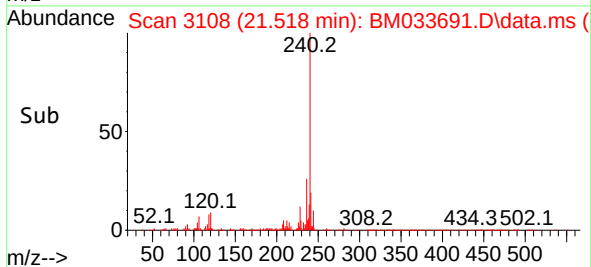
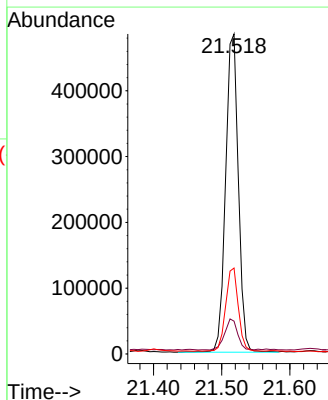
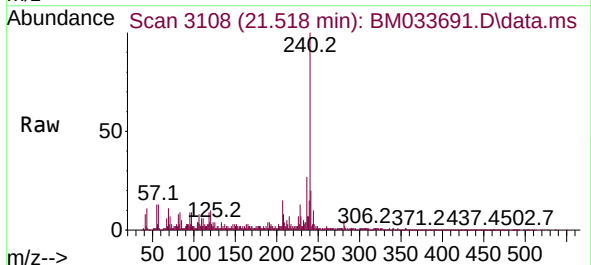
Manual Integrations
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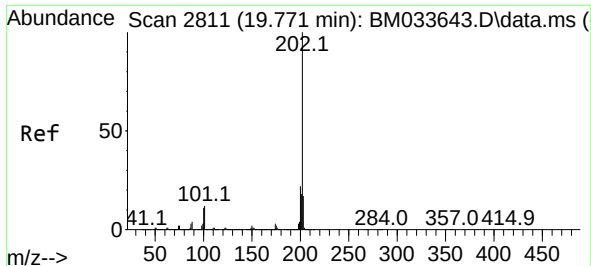
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:240 Resp: 629302
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 26.9 20.3 30.5





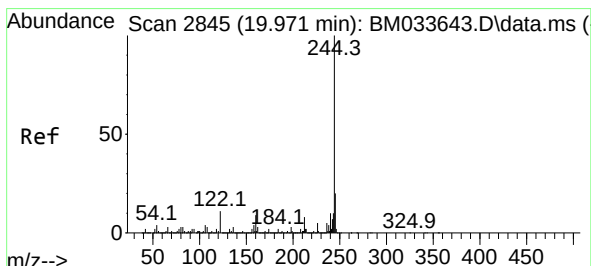
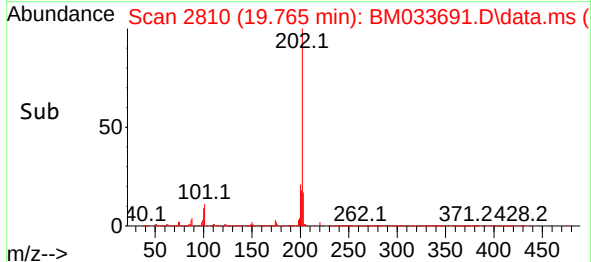
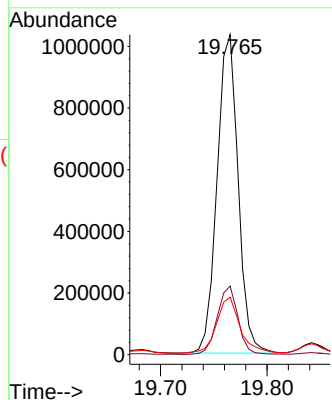
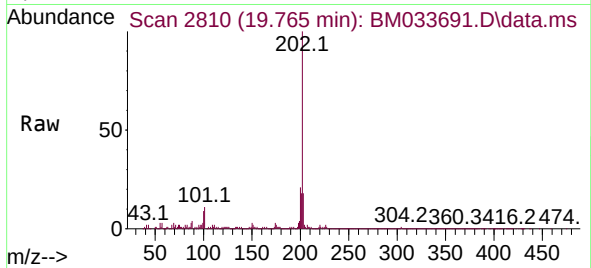
#78
Pyrene
Concen: 32.020 ng
RT: 19.765 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:202 Resp: 141871
Ion Ratio Lower Upper
202 100
200 21.5 16.4 24.6
203 18.0 13.5 20.3

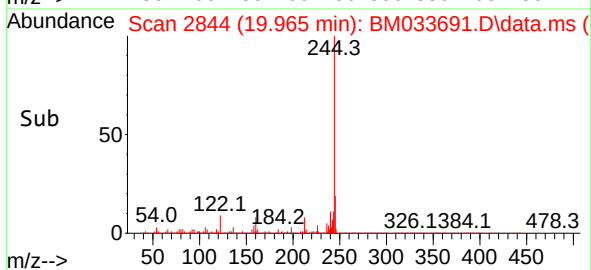
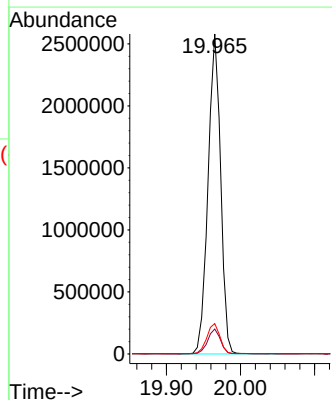
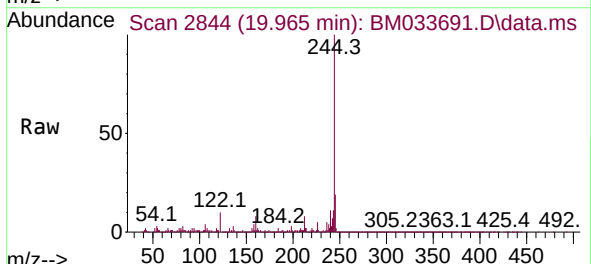
Manual Integrations
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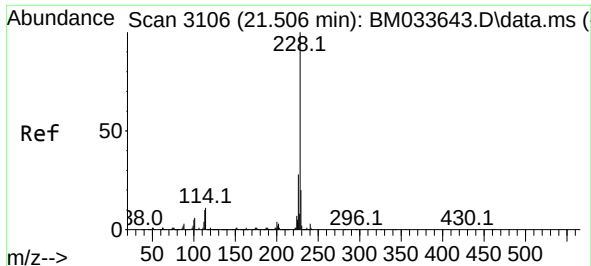
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#79
Terphenyl-d14
Concen: 86.776 ng
RT: 19.965 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:244 Resp: 3033812
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.5 8.4 12.6





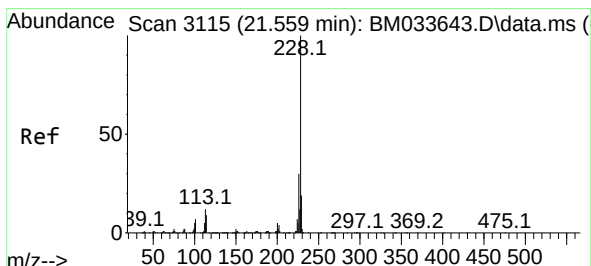
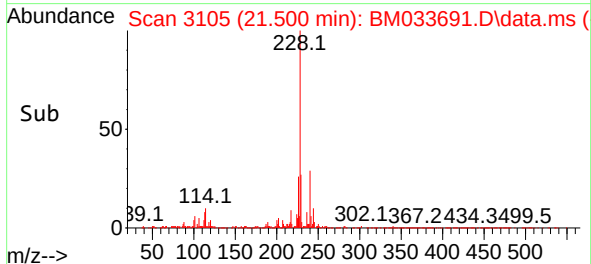
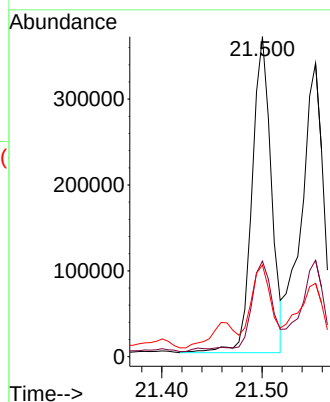
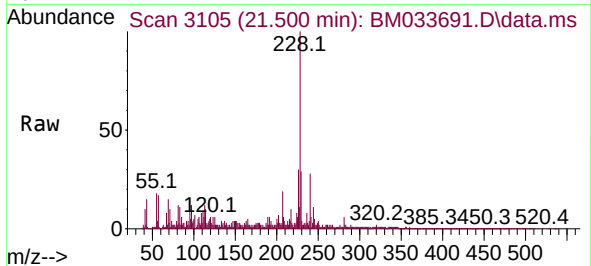
#81
Benzo(a)anthracene
Concen: 11.471 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:228 Resp: 48948
Ion Ratio Lower Upper
228 100
226 29.8 21.0 31.6
229 28.7 15.5 23.3

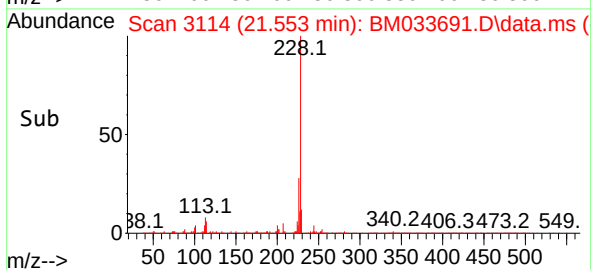
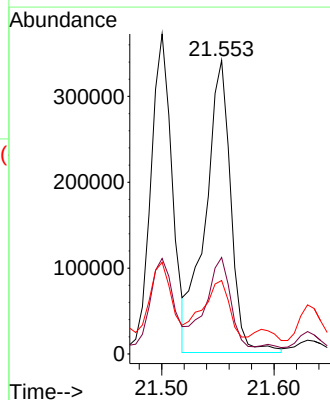
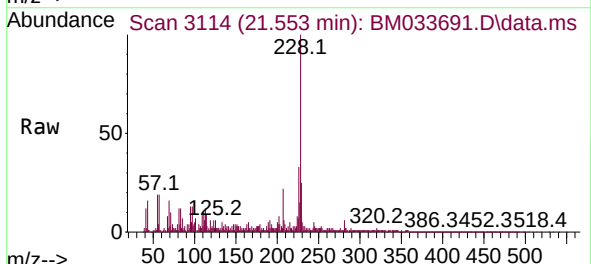
Manual Integrations
APPROVED

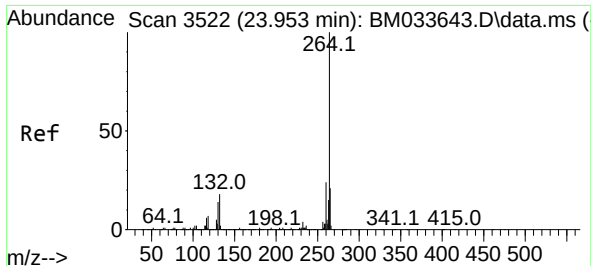
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#83
Chrysene
Concen: 13.132 ng m
RT: 21.553 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Tgt Ion:228 Resp: 536250
Ion Ratio Lower Upper
228 100
226 32.8 23.8 35.8
229 25.0 15.8 23.8





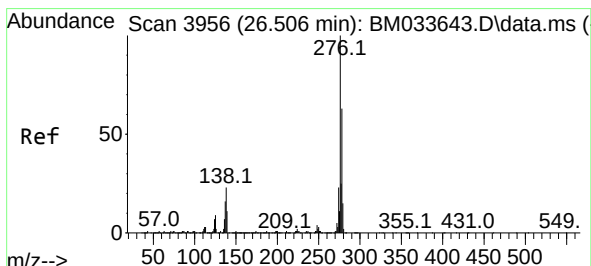
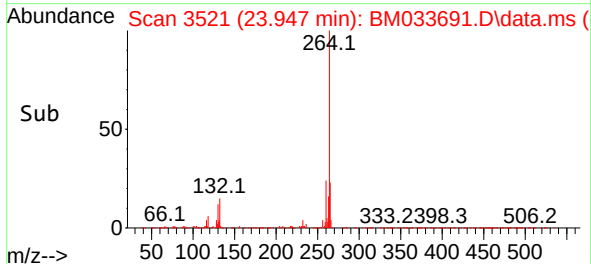
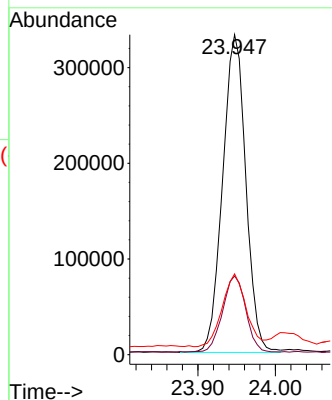
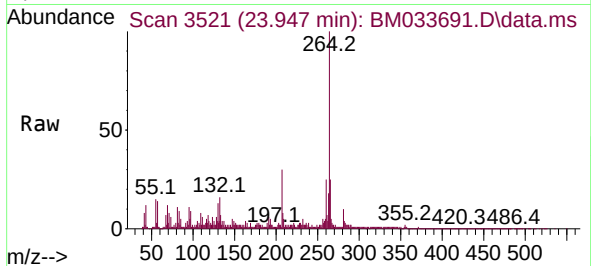
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.947 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

Instrument :
BNA_M
ClientSampleId :
OB-CS-16

Tgt Ion:264 Resp: 690800
Ion Ratio Lower Upper
264 100
260 24.6 17.7 26.5
265 25.3 17.7 26.5

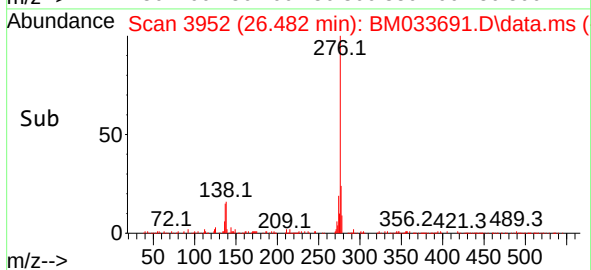
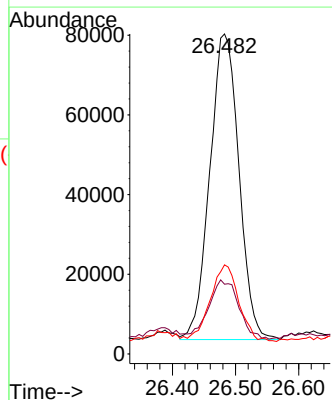
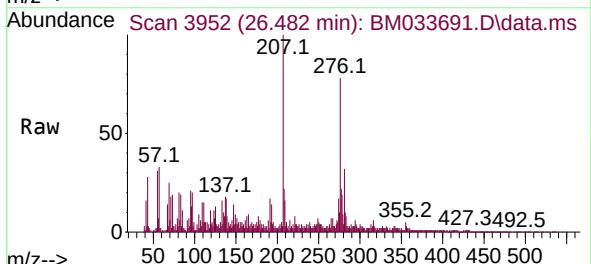
Manual Integrations
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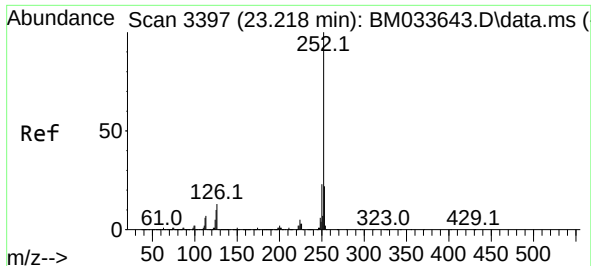
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.832 ng
RT: 26.482 min Scan# 3952
Delta R.T. -0.024 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

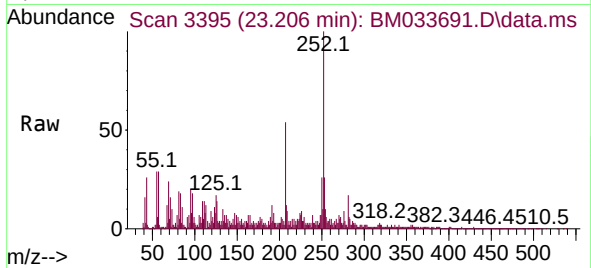
Tgt Ion:276 Resp: 246137
Ion Ratio Lower Upper
276 100
138 20.0 18.7 28.1
277 24.6 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 10.172 ng
RT: 23.206 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

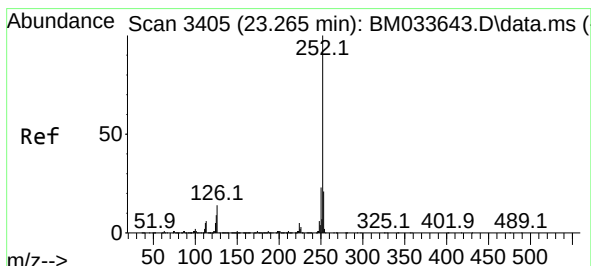
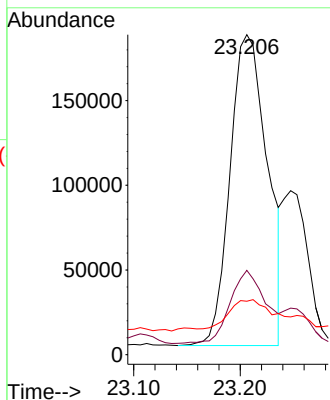
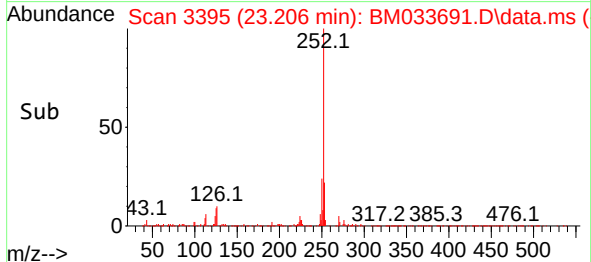
Instrument :
BNA_M
ClientSampleId :
OB-CS-16



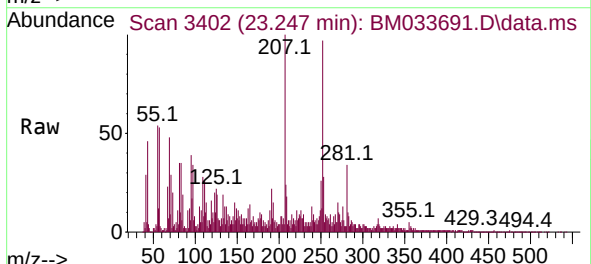
Tgt Ion:252 Resp: 448015
Ion Ratio Lower Upper
252 100
253 26.4 17.1 25.7
125 16.7 7.4 11.2

Manual Integrations
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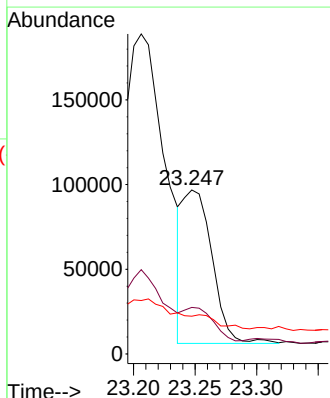
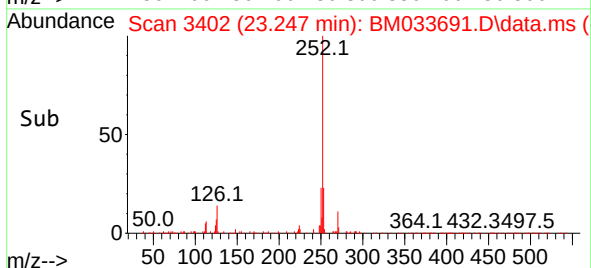
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

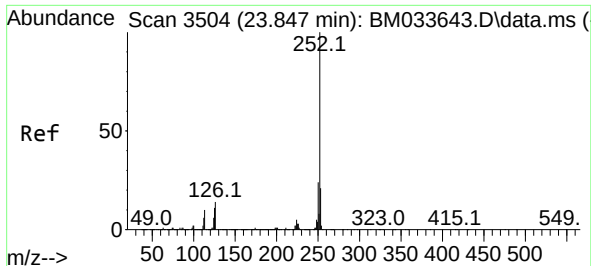


#89
Benzo(k)fluoranthene
Concen: 3.524 ng m
RT: 23.247 min Scan# 3402
Delta R.T. -0.018 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52



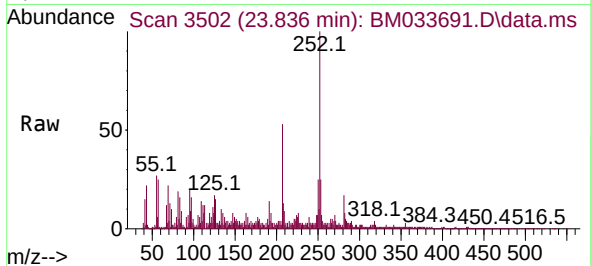
Tgt Ion:252 Resp: 150428
Ion Ratio Lower Upper
252 100
253 28.4 17.8 26.8#
125 23.0 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 10.600 ng
RT: 23.836 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52

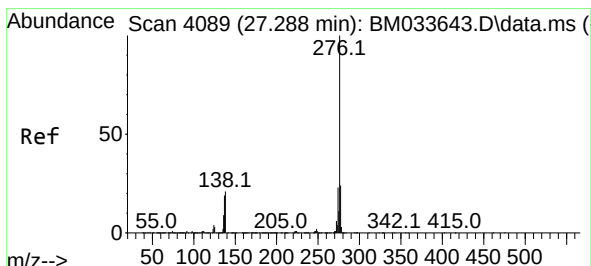
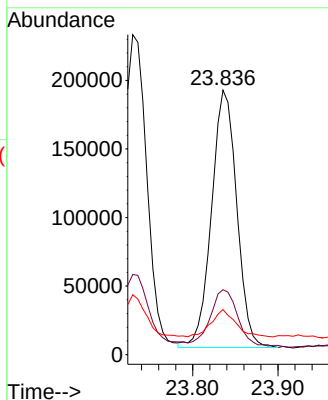
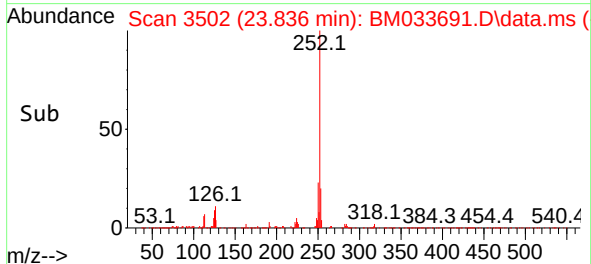
Instrument :
BNA_M
ClientSampleId :
OB-CS-16



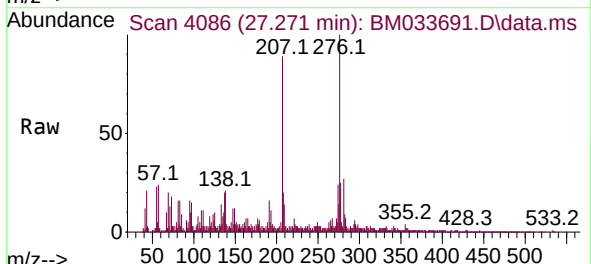
Tgt Ion:252 Resp: 387470
Ion Ratio Lower Upper
252 100
253 24.6 17.5 26.3
125 17.1 7.8 11.8

Manual Integrations
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Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#92
Benzo(g,h,i)perylene
Concen: 8.895 ng
RT: 27.271 min Scan# 4086
Delta R.T. -0.018 min
Lab File: BM033691.D
Acq: 10 Jan 2022 17:52



Tgt Ion:276 Resp: 370017
Ion Ratio Lower Upper
276 100
277 25.4 19.1 28.7
138 21.4 14.8 22.2

