

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029653.D
 Acq On : 26 Apr 2021 17:12
 Operator : CG/JU
 Sample : M2170-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CN-1

Manual Integrations
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Quant Time: Apr 26 18:01:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 15:01:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	70723	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	257803	20.00	ng	0.00
39) Acenaphthene-d10	14.269	164	174520	20.00	ng	0.00
64) Phenanthrene-d10	17.009	188	395578	20.00	ng	0.00
76) Chrysene-d12	21.197	240	457556	20.00	ng	0.00
86) Perylene-d12	23.391	264	479516	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	411350	116.61	ng	0.00
7) Phenol-d6	6.804	99	512866	97.34	ng	0.00
23) Nitrobenzene-d5	8.775	82	340976	68.12	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	270544	112.09	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	870667	67.71	ng	0.00
79) Terphenyl-d14	19.645	244	1393161	57.72	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.327	154	22564	2.30	ng	95
58) Fluorene	15.315	166	33033	2.38	ng	# 98
71) Phenanthrene	17.057	178	511970	22.48	ng	99
72) Anthracene	17.145	178	135821	6.04	ng	99
75) Fluoranthene	19.074	202	985561	35.68	ng	98
78) Pyrene	19.439	202	905308	30.75	ng	99
80) Butylbenzylphthalate	20.345	149	41794	3.79	ng	98
81) Benzo(a)anthracene	21.186	228	499512	16.50	ng	99
83) Chrysene	21.233	228	438851	14.75	ng	96
87) Indeno(1,2,3-cd)pyrene	25.580	276	296385	7.99	ng	96
88) Benzo(b)fluoranthene	22.739	252	588745	18.83	ng	97
89) Benzo(k)fluoranthene	22.774	252	209219m	6.68	ng	
90) Benzo(a)pyrene	23.291	252	453730	15.45	ng	97
92) Benzo(g,h,i)perylene	26.256	276	296779	10.04	ng	99

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

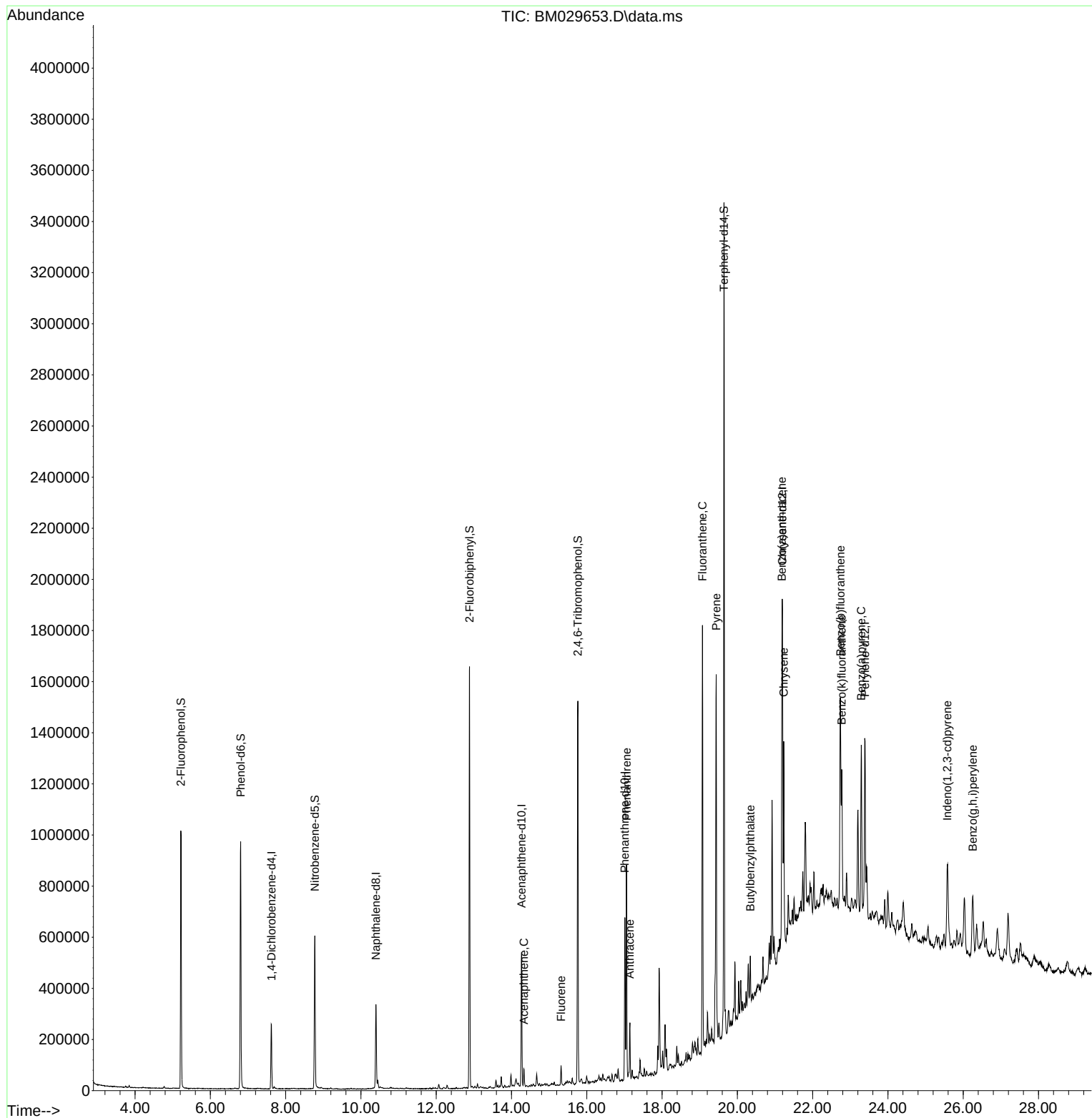
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029653.D
Acq On : 26 Apr 2021 17:12
Operator : CG/JU
Sample : M2170-13
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ALS Vial : 6 Sample Multiplier: 1

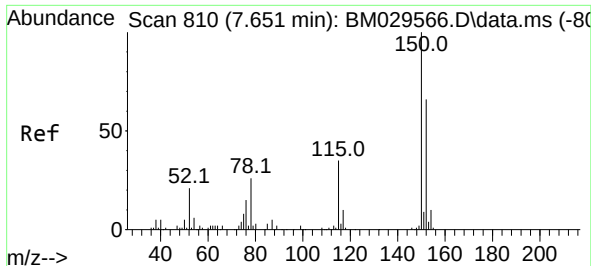
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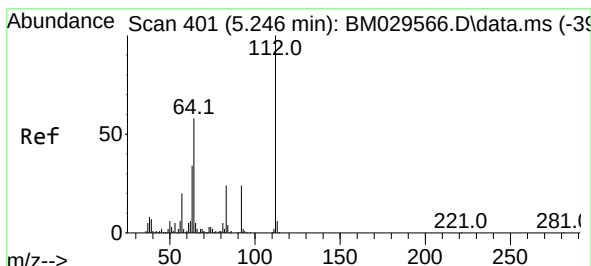
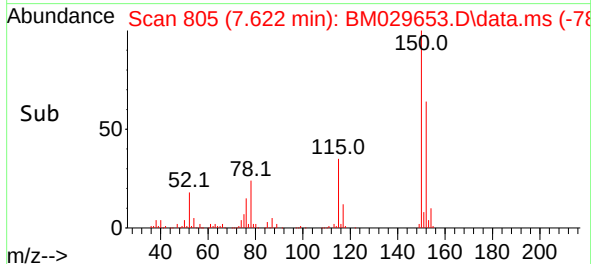
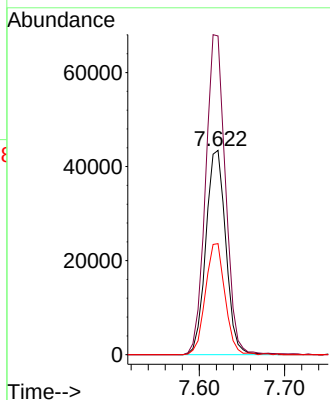
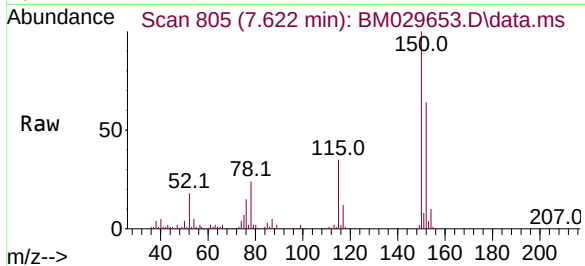
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM029653.D
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	54.4	44.6	67.0

Instrument :
BNA_M
ClientSampled :
CN-1

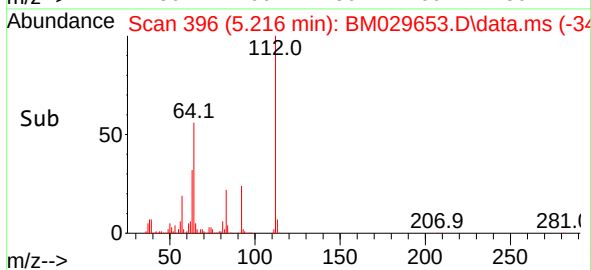
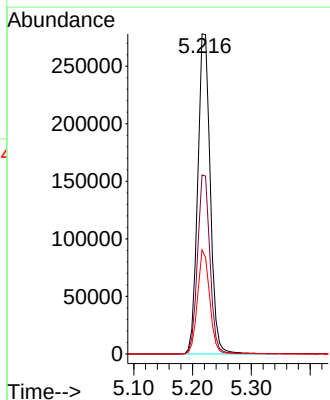
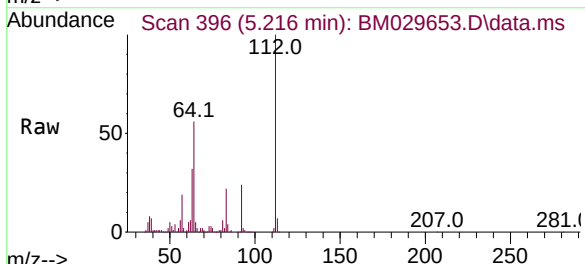
Manual Integrations
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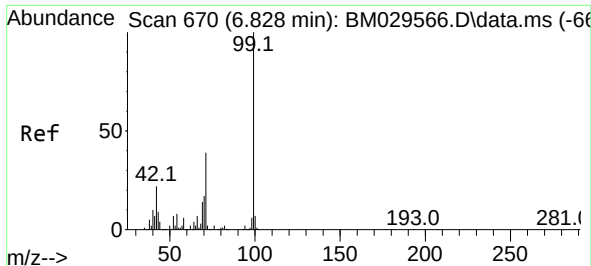
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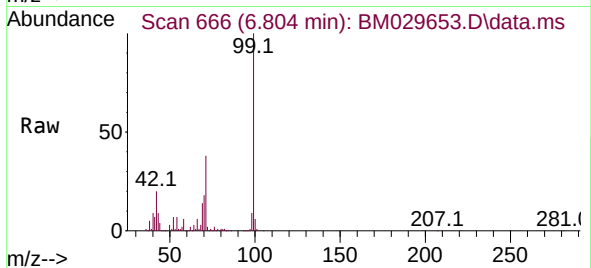
#5
2-Fluorophenol
Concen: 116.61 ng
RT: 5.216 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.1	70.7
63	32.5	27.3	40.9

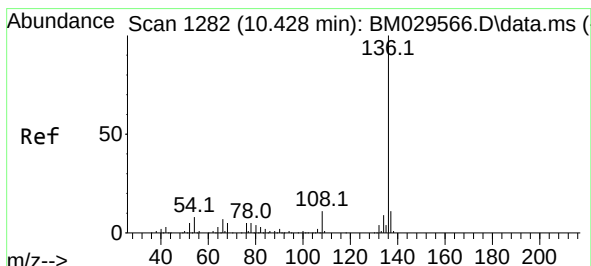
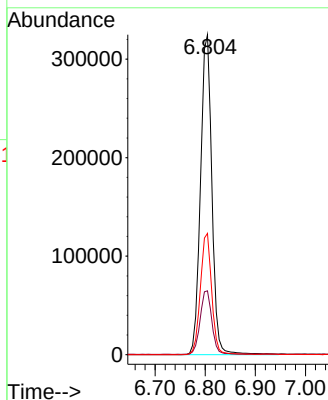
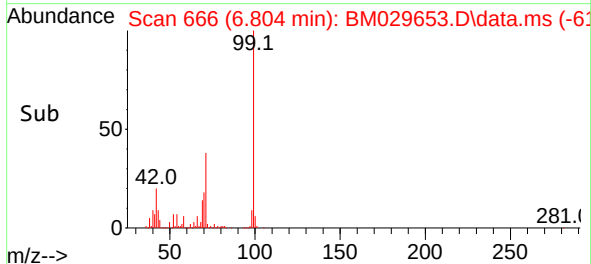




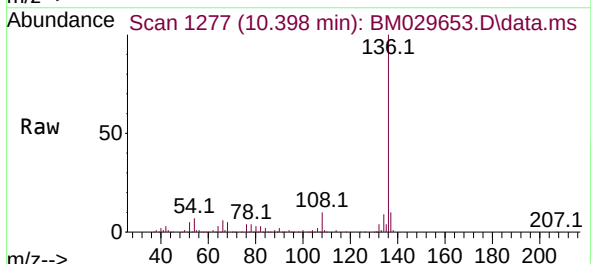
#7
Phenol-d6
Concen: 97.34 ng
RT: 6.804 min Scan# 666
Delta R.T. 0.006 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12



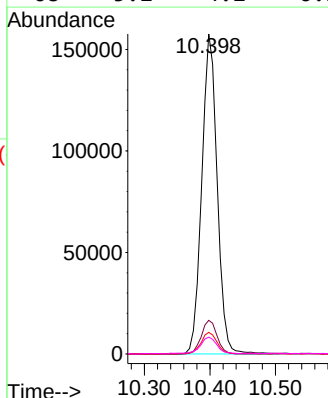
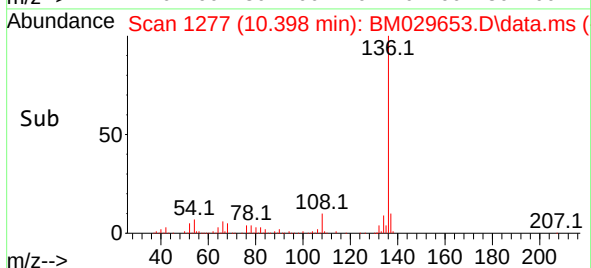
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.0	27.0
71	37.9	30.9	46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12



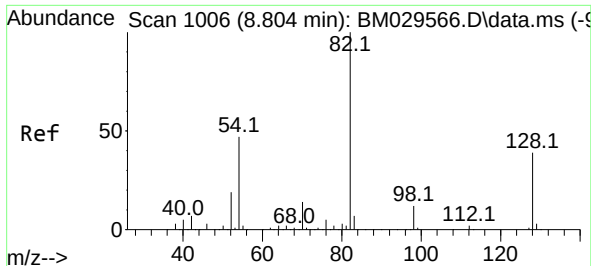
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	6.7	5.5	8.3
68	5.2	4.2	6.2



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#23

Nitrobenzene-d5

Concen: 68.12 ng

RT: 8.775 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BM029653.D

Acq: 26 Apr 2021 17:12

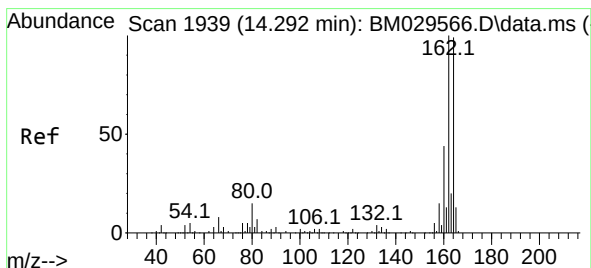
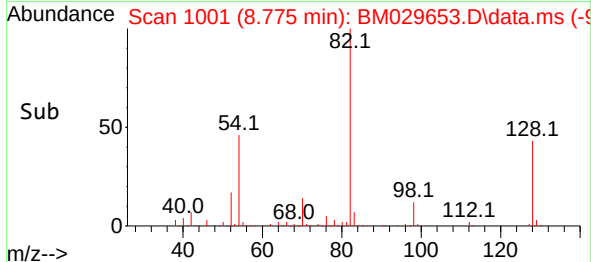
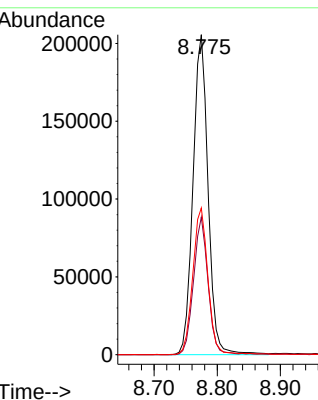
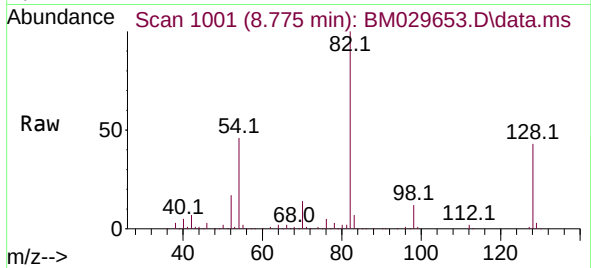
Tgt Ion: 82 Resp: 340976

Ion Ratio Lower Upper

82 100

128 43.0 31.1 46.7

54 45.9 37.3 55.9



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.269 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BM029653.D

Acq: 26 Apr 2021 17:12

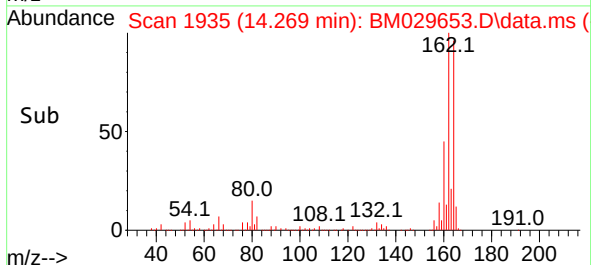
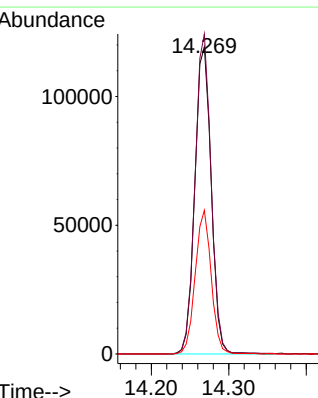
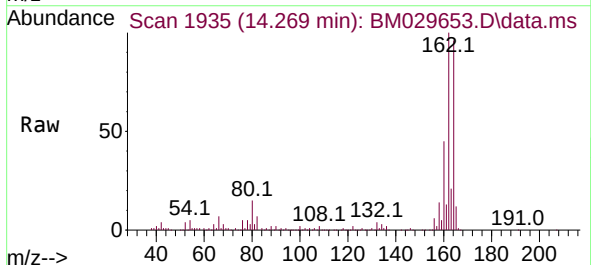
Tgt Ion:164 Resp: 174520

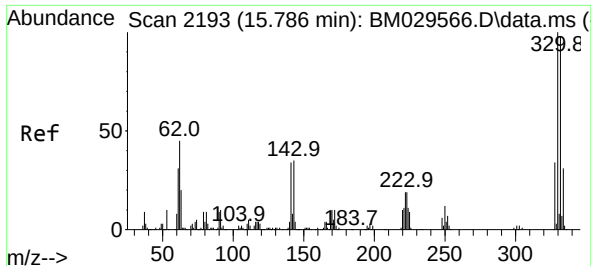
Ion Ratio Lower Upper

164 100

162 104.2 83.4 125.0

160 46.8 37.2 55.8





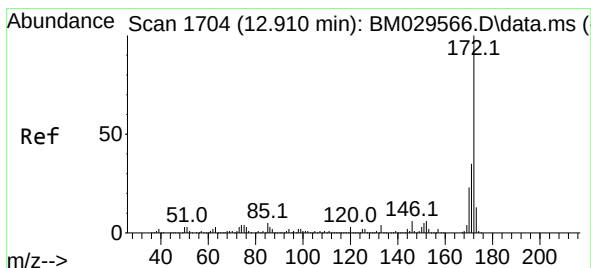
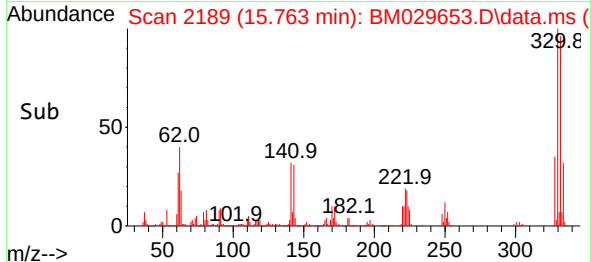
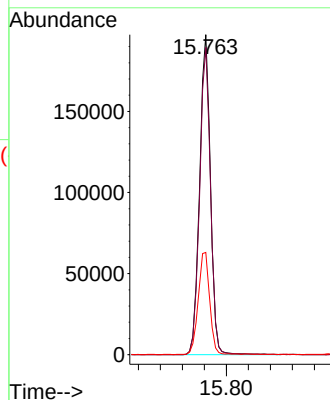
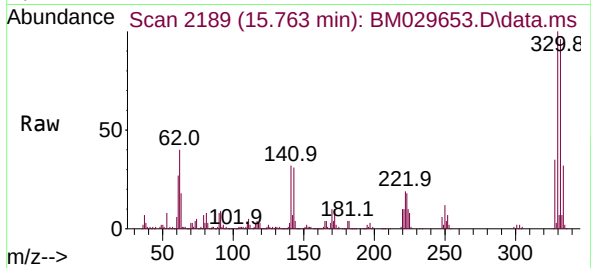
#42
2,4,6-Tribromophenol
Concen: 112.09 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM029653.D
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Tgt Ion: 330 Resp: 270544
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 34.0 30.2 45.2

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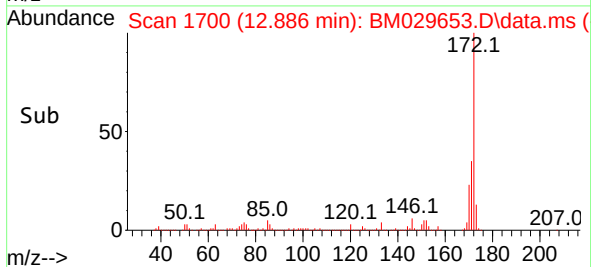
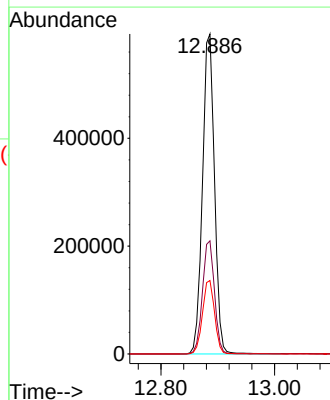
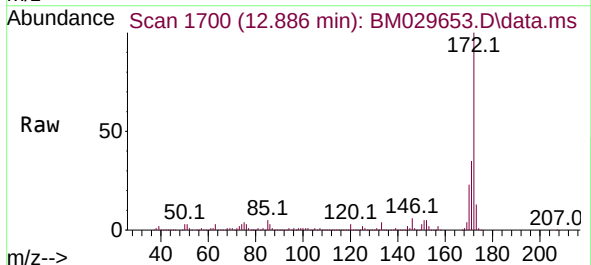
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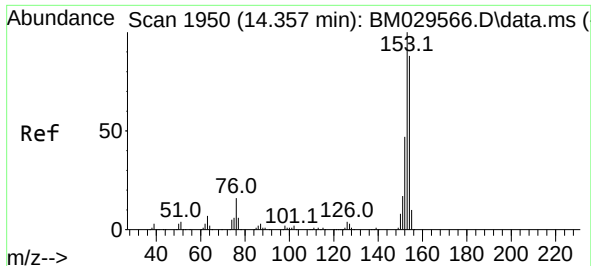
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#45
2-Fluorobiphenyl
Concen: 67.71 ng
RT: 12.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

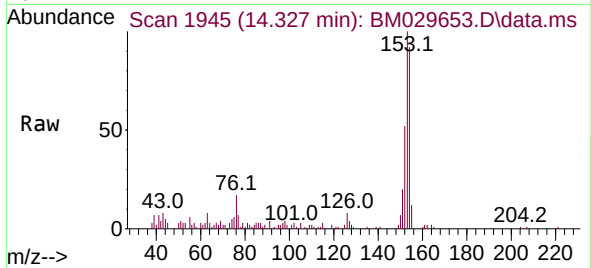
Tgt Ion: 172 Resp: 870667
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 22.9 18.4 27.6





#52
Acenaphthene
Concen: 2.30 ng
RT: 14.327 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

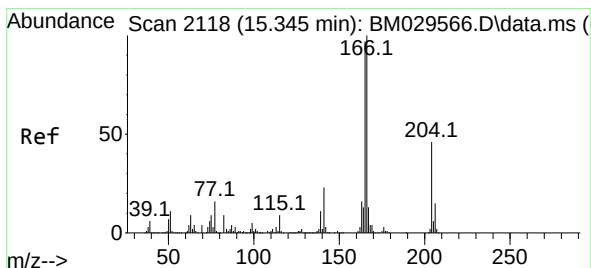
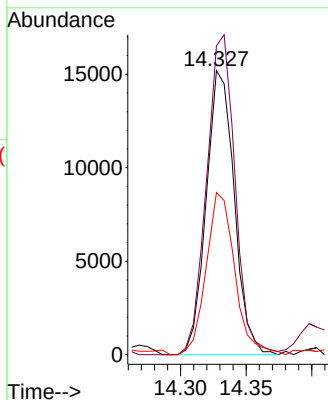
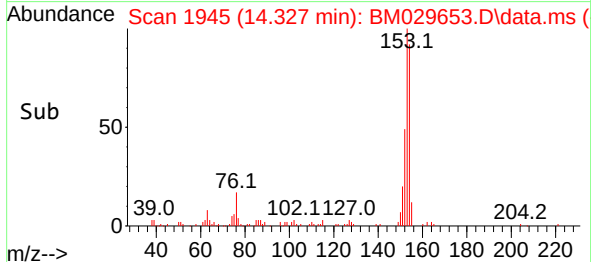
Instrument :
BNA_M
ClientSampleId :
CN-1



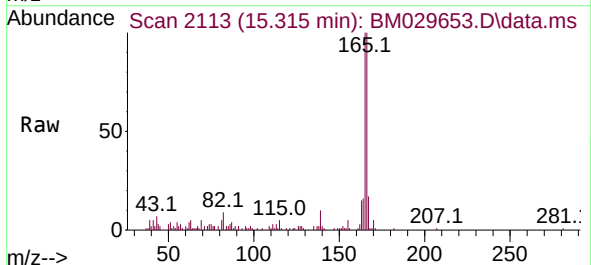
Tgt Ion:154 Resp: 22564
Ion Ratio Lower Upper
154 100
153 108.7 92.2 138.2
152 57.1 43.4 65.2

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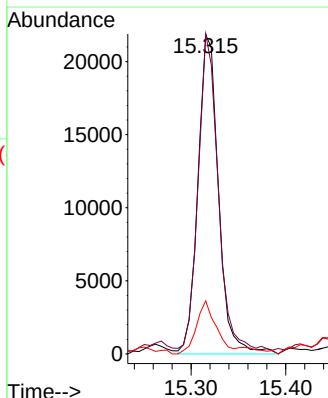
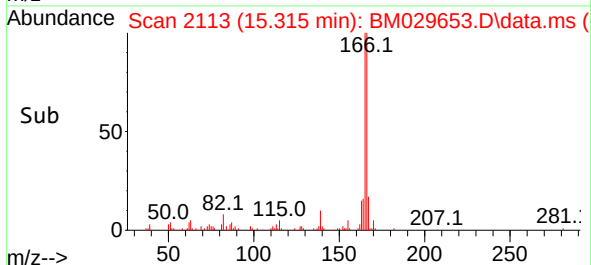
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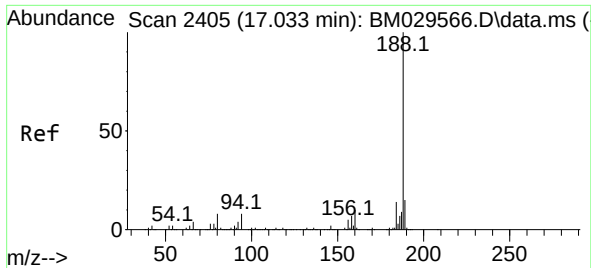


#58
Fluorene
Concen: 2.38 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12



Tgt Ion:166 Resp: 33033
Ion Ratio Lower Upper
166 100
165 100.2 79.0 118.6
167 16.6 10.8 16.2#





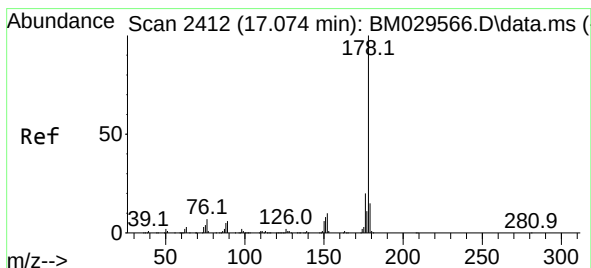
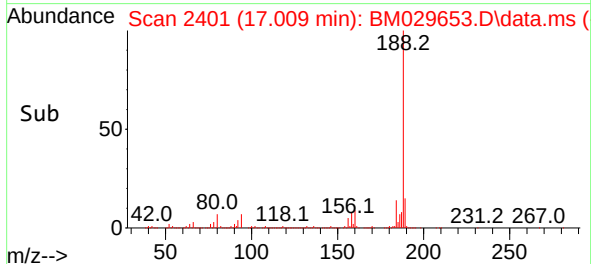
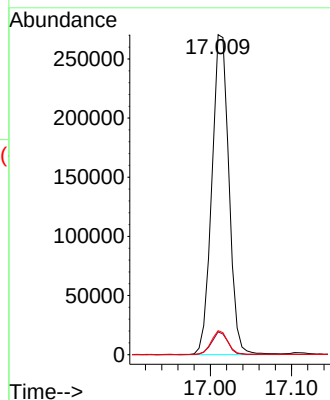
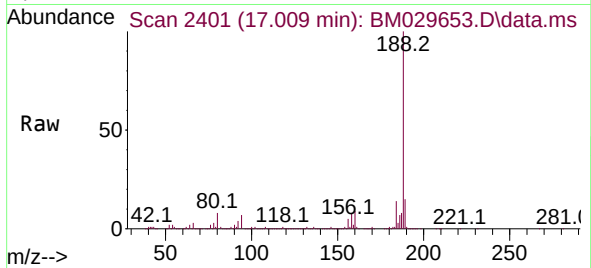
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.009 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

Tgt Ion:188 Resp: 395578
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 7.5 6.6 9.8

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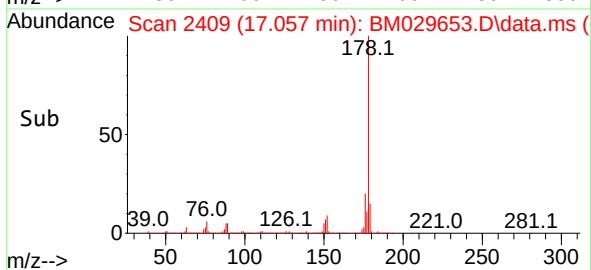
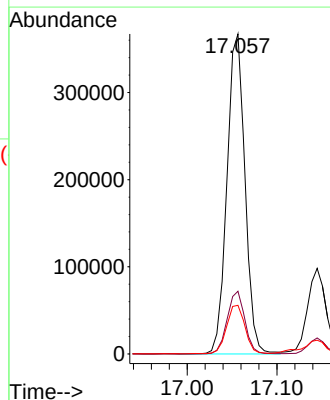
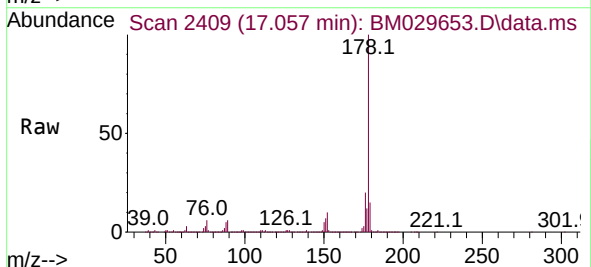
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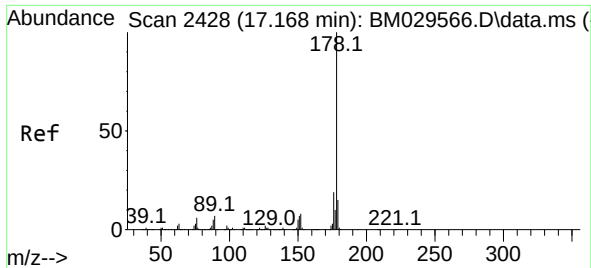
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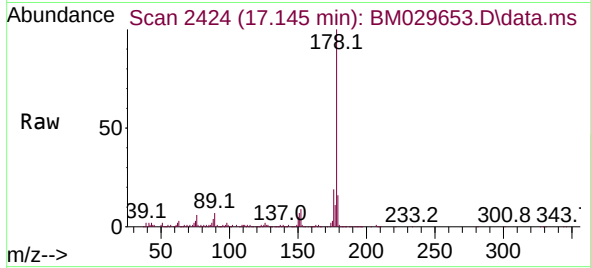
#71
Phenanthrene
Concen: 22.48 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

Tgt Ion:178 Resp: 511970
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.2 12.2 18.4

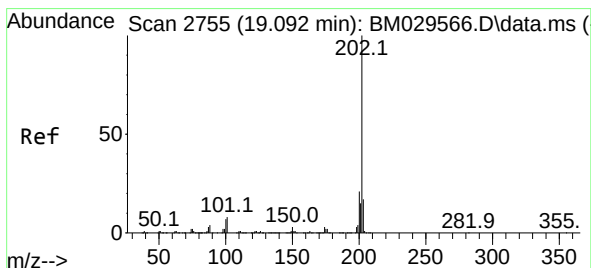
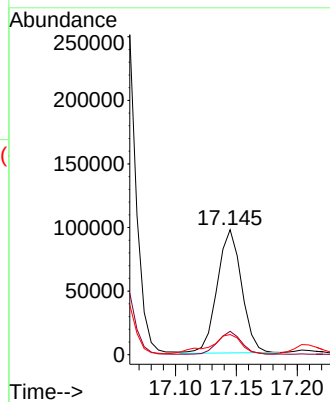
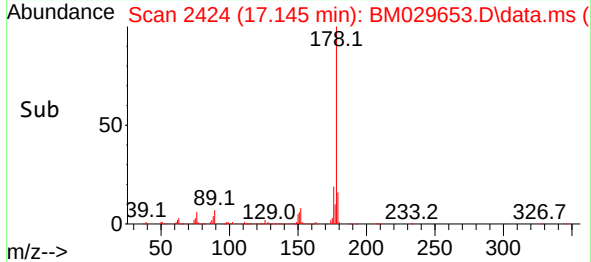




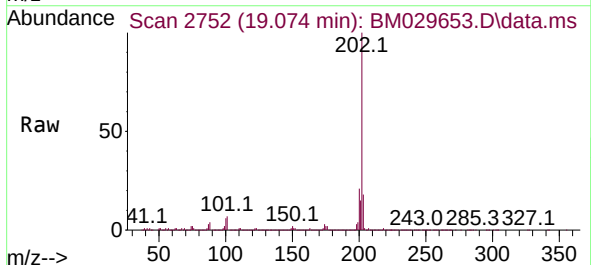
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 Anthracene
 Concen: 6.04 ng
 RT: 17.145 min Scan# 2424
 Delta R.T. 0.000 min
 Lab File: BM029653.D
 Acq: 26 Apr 2021 17:12



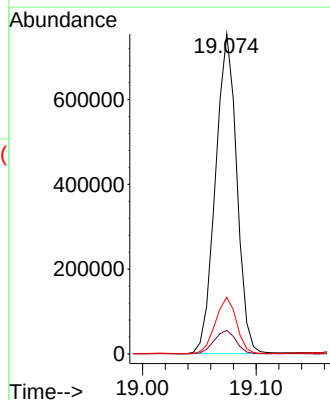
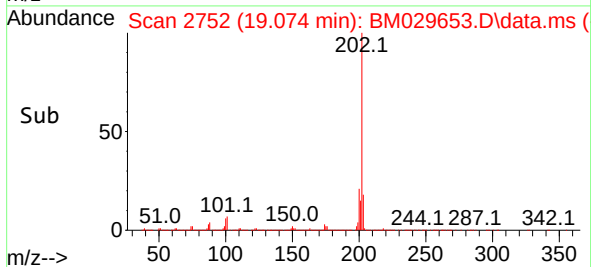
Tgt Ion:178 Resp: 135821
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.0 22.4
 179 16.1 12.5 18.7



#75
 Fluoranthene
 Concen: 35.68 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BM029653.D
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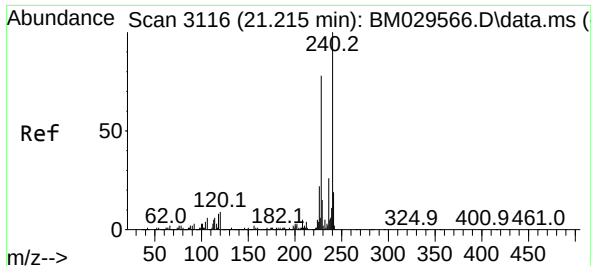
Tgt Ion:202 Resp: 985561
 Ion Ratio Lower Upper
 202 100
 101 7.3 0.0 28.6
 203 17.7 0.0 37.3



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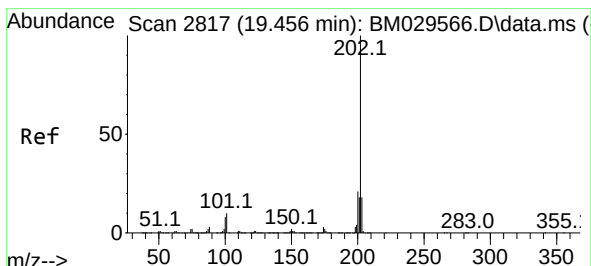
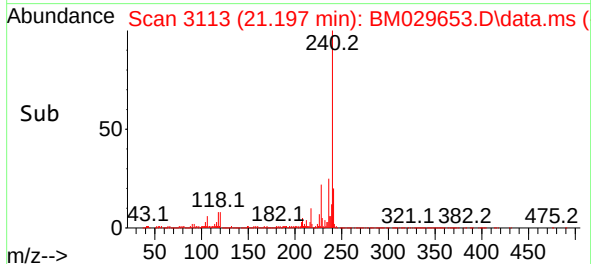
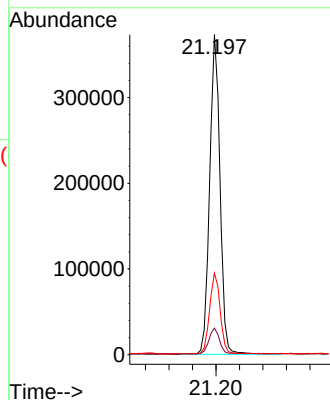
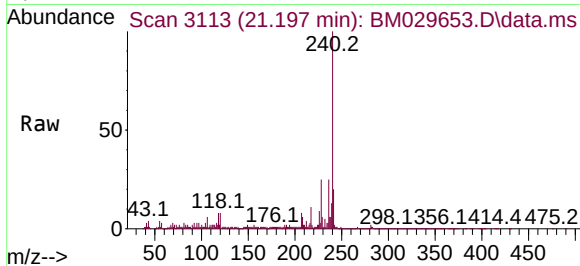
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

Tgt Ion:240 Resp: 457556
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.5 21.0 31.4

Instrument :
BNA_M
ClientSampleId :
CN-1

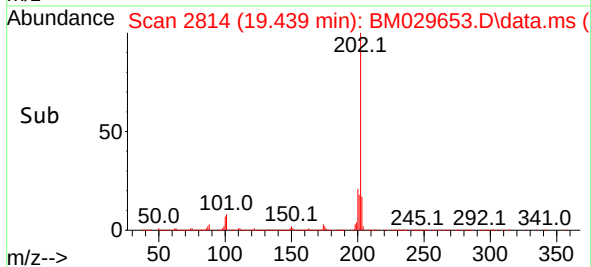
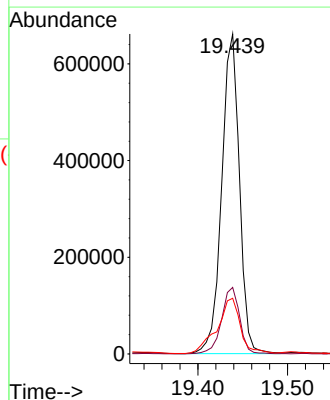
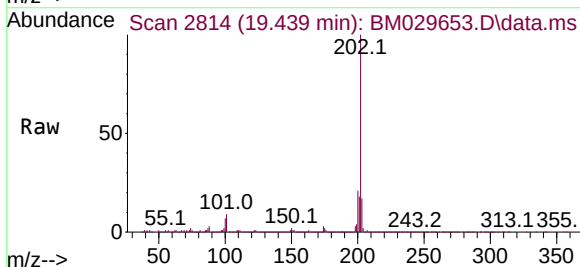
Manual Integrations
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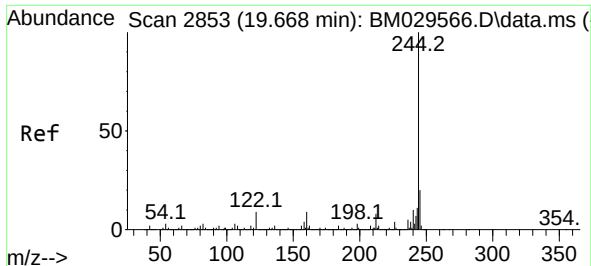
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#78
Pyrene
Concen: 30.75 ng
RT: 19.439 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

Tgt Ion:202 Resp: 905308
Ion Ratio Lower Upper
202 100
200 20.8 17.3 25.9
203 17.4 13.9 20.9





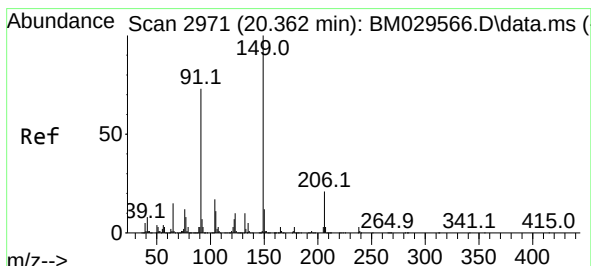
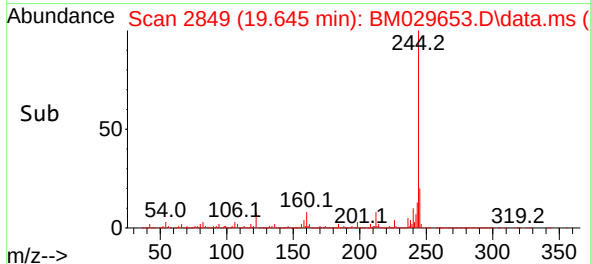
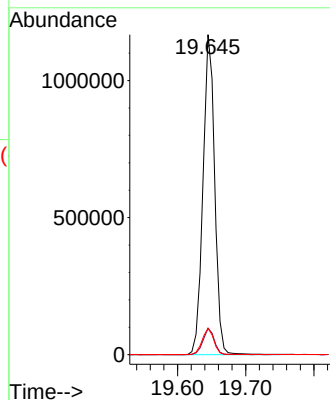
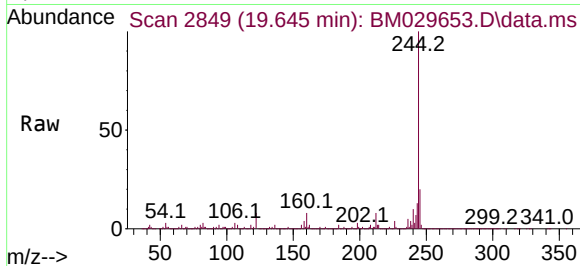
#79
Terphenyl-d14
Concen: 57.72 ng
RT: 19.645 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

Tgt Ion:244 Resp: 1393161
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 8.3 6.9 10.3

Instrument :
BNA_M
ClientSampled :
CN-1

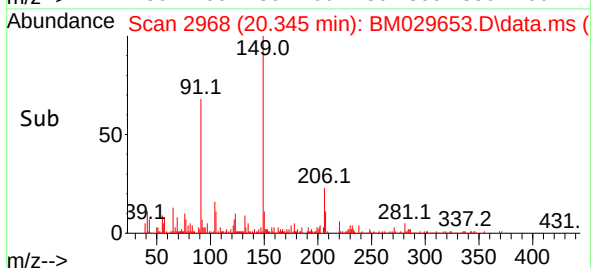
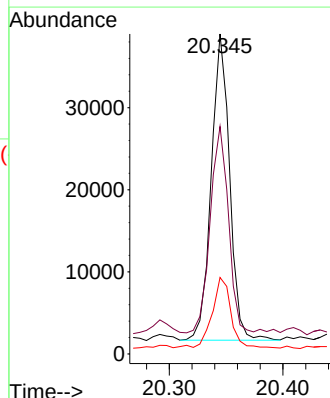
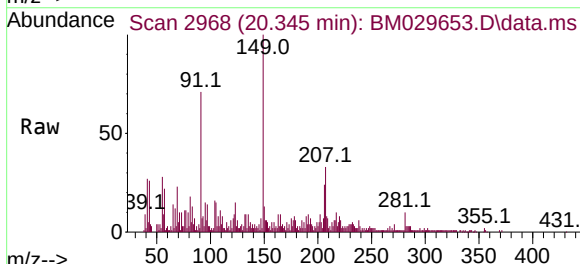
Manual Integrations
APPROVED

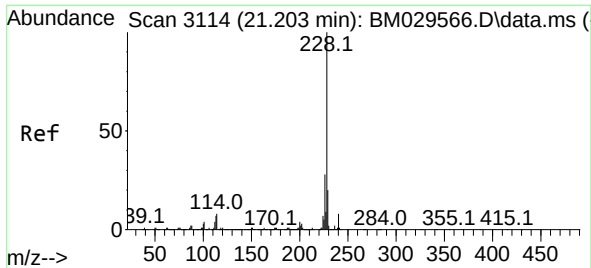
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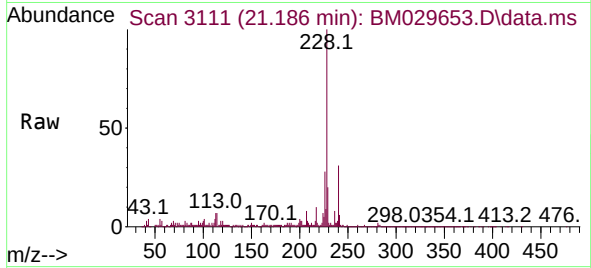
#80
Butylbenzylphthalate
Concen: 3.79 ng
RT: 20.345 min Scan# 2968
Delta R.T. -0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

Tgt Ion:149 Resp: 41794
Ion Ratio Lower Upper
149 100
91 71.1 57.4 86.0
206 23.9 16.6 25.0

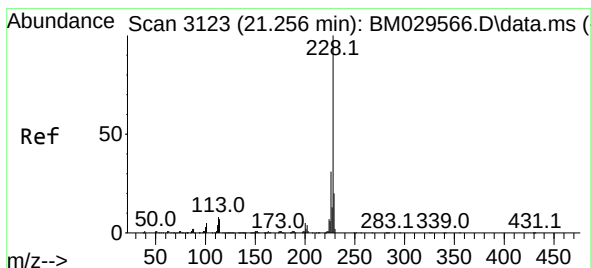
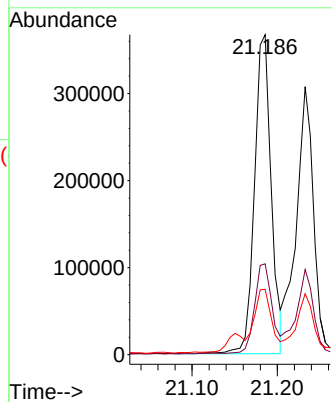
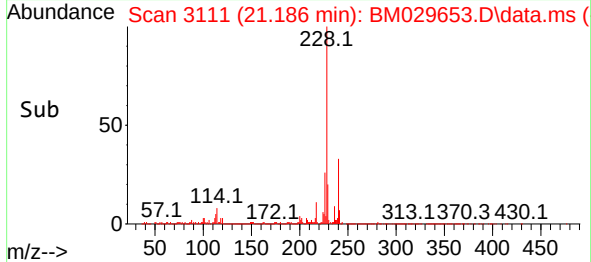




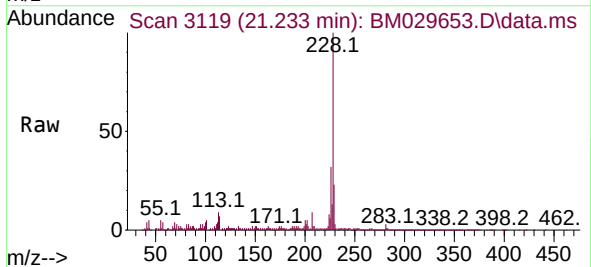
#81
Benzo(a)anthracene
Concen: 16.50 ng
RT: 21.186 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12



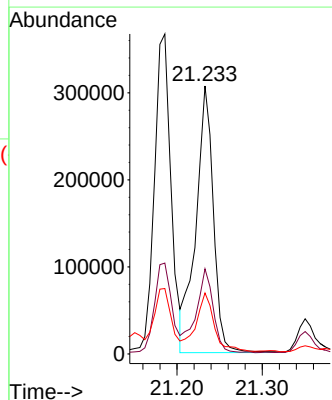
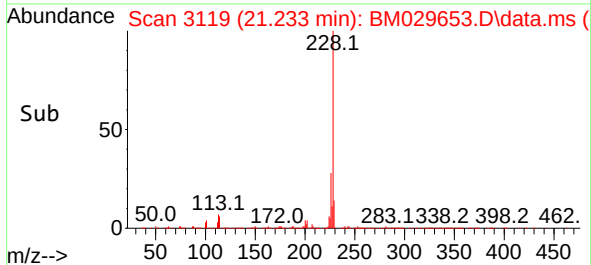
Tgt Ion:228 Resp: 499512
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.4 15.7 23.5



#83
Chrysene
Concen: 14.75 ng
RT: 21.233 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12



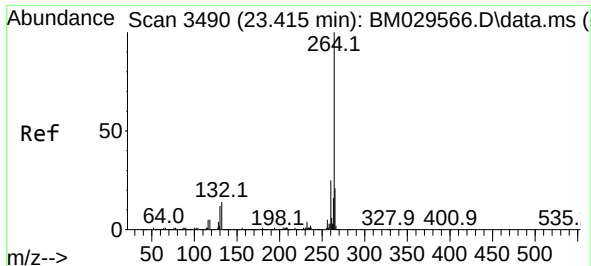
Tgt Ion:228 Resp: 438851
Ion Ratio Lower Upper
228 100
226 31.7 24.6 36.8
229 22.8 15.5 23.3



Instrument :
BNA_M
ClientSampled :
CN-1

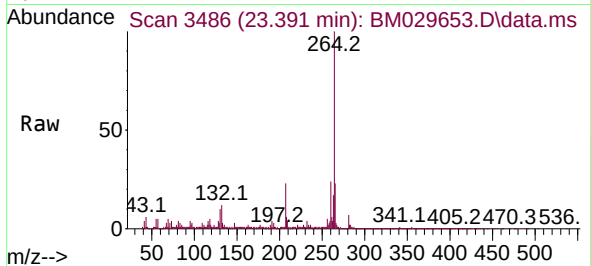
Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.391 min Scan# 3486
 Delta R.T. 0.012 min
 Lab File: BM029653.D
 Acq: 26 Apr 2021 17:12

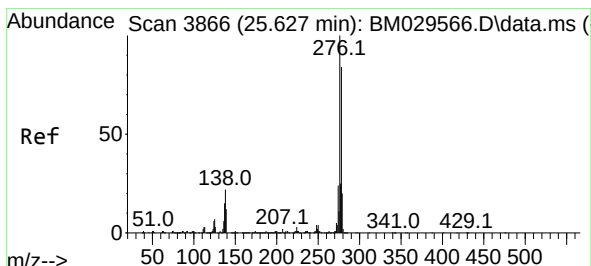
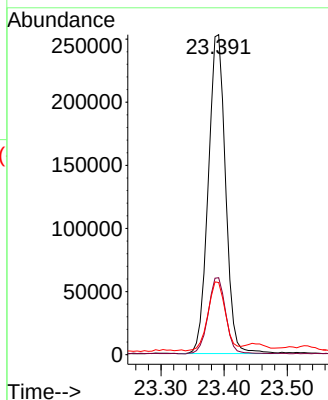
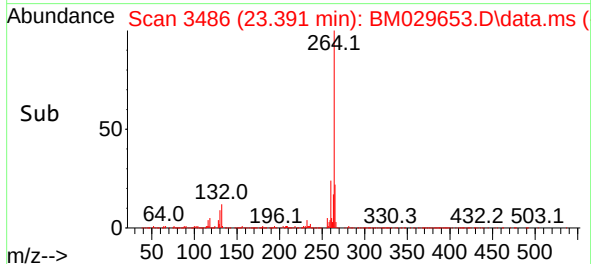
Instrument :
 BNA_M
 ClientSampled :
 CN-1



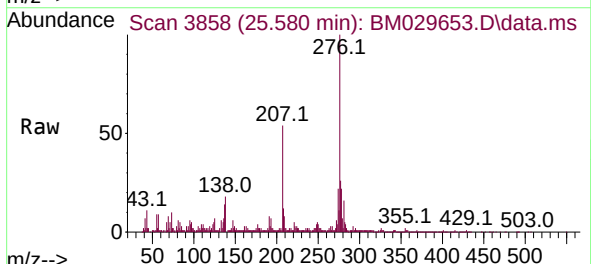
Tgt Ion:264 Resp: 479516
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.8
 265 22.6 17.7 26.5

Manual Integrations
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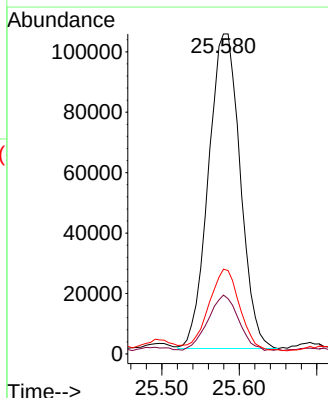
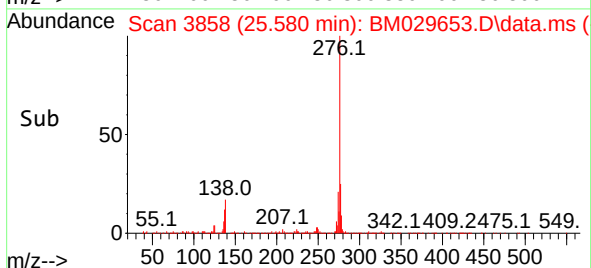
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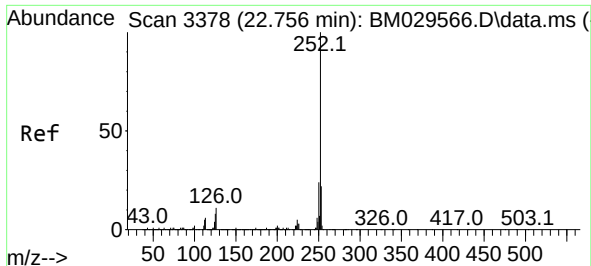


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.99 ng
 RT: 25.580 min Scan# 3858
 Delta R.T. -0.000 min
 Lab File: BM029653.D
 Acq: 26 Apr 2021 17:12



Tgt Ion:276 Resp: 296385
 Ion Ratio Lower Upper
 276 100
 138 17.6 17.1 25.7
 277 25.6 20.3 30.5





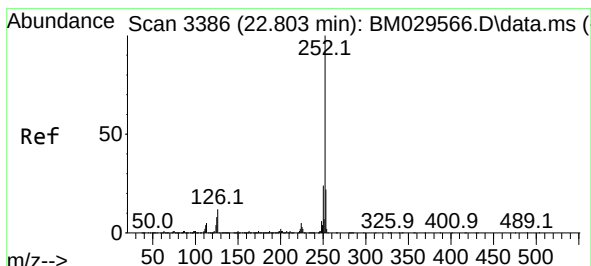
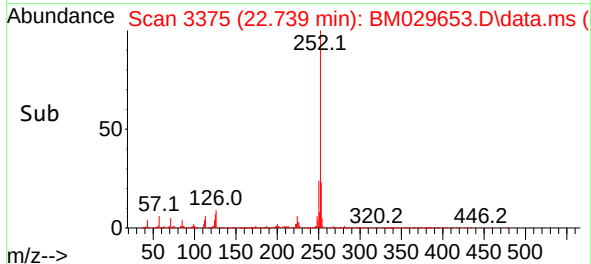
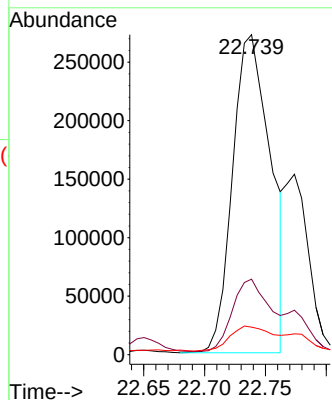
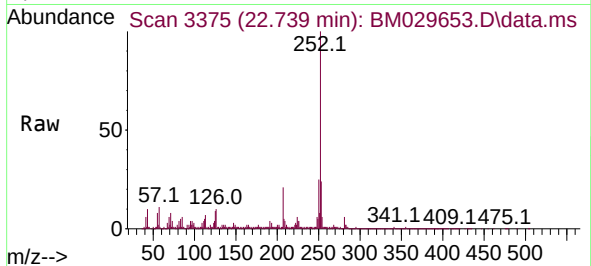
#88
Benzo(b)fluoranthene
Concen: 18.83 ng
RT: 22.739 min Scan# 3375
Delta R.T. 0.012 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

Tgt Ion:252 Resp: 588745
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 8.6 6.8 10.2

Instrument :
BNA_M
ClientSampled :
CN-1

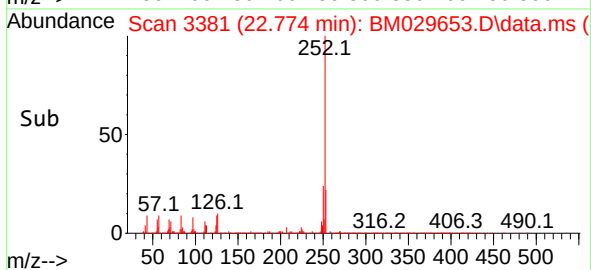
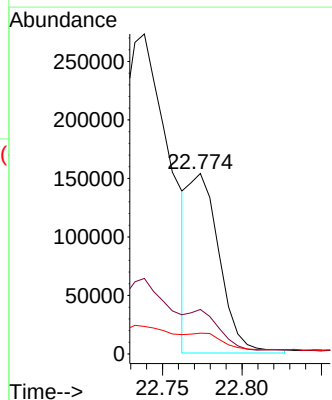
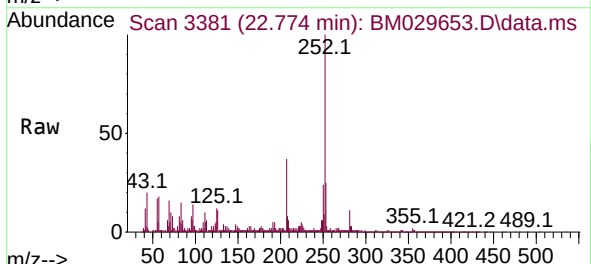
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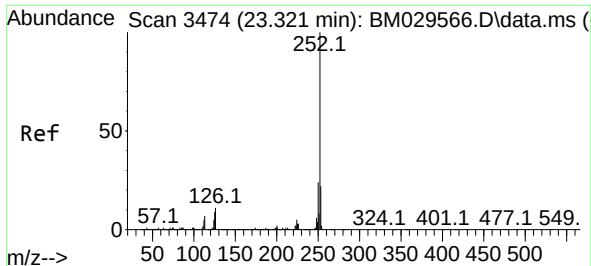
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#89
Benzo(k)fluoranthene
Concen: 6.68 ng m
RT: 22.774 min Scan# 3381
Delta R.T. -0.000 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

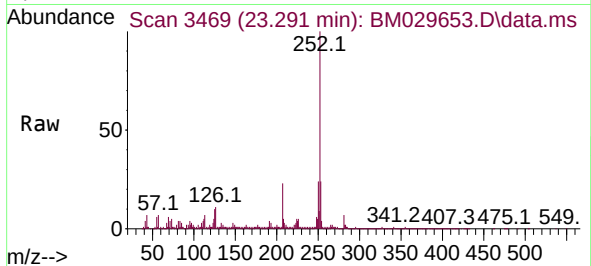
Tgt Ion:252 Resp: 209219
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 11.6 6.2 9.2#





#90
Benzo(a)pyrene
Concen: 15.45 ng
RT: 23.291 min Scan# 3469
Delta R.T. 0.006 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12

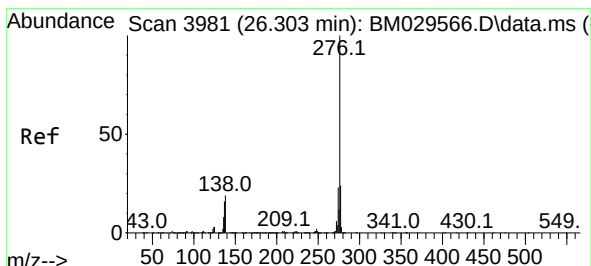
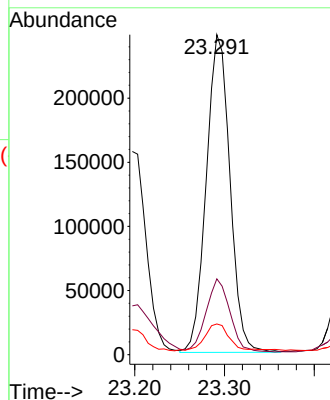
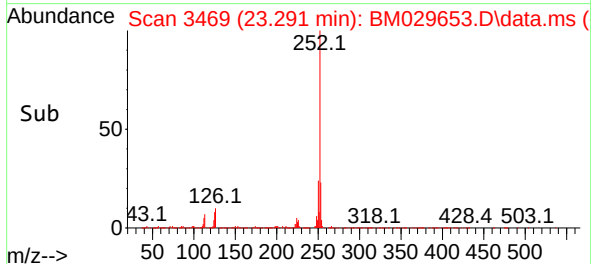
Instrument :
BNA_M
ClientSampled :
CN-1



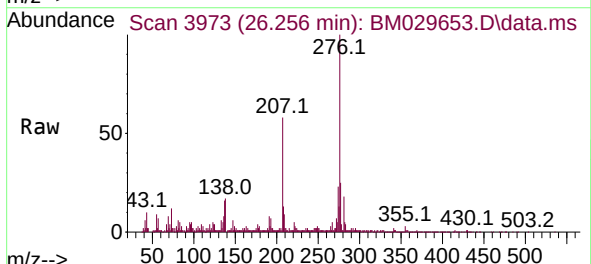
Tgt Ion:252 Resp: 453730
Ion Ratio Lower Upper
252 100
253 23.7 17.7 26.5
125 9.6 7.3 10.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 10.04 ng
RT: 26.256 min Scan# 3973
Delta R.T. 0.006 min
Lab File: BM029653.D
Acq: 26 Apr 2021 17:12



Tgt Ion:276 Resp: 296779
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.2
138 17.4 14.4 21.6

