

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
 Data File : BM026291.D
 Acq On : 08 Jun 2020 17:44
 Operator : JU/CG
 Sample : L2890-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26160

Manual Integrations
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Quant Time: Jun 08 18:46:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:00:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	233120	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	996422	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	630062	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	1307170	20.00	ng	0.03
76) Chrysene-d12	21.06	240	924488	20.00	ng	0.00
86) Perylene-d12	23.16	264	905500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1021663	77.49	ng	0.00
7) Phenol-d6	6.65	99	1538873	80.60	ng	0.00
23) Nitrobenzene-d5	8.59	82	1144265	56.38	ng	0.00
42) 2,4,6-Tribromophenol	15.61	330	701135	91.86	ng	0.02
45) 2-Fluorobiphenyl	12.71	172	2463990	59.36	ng	0.00
79) Terphenyl-d14	19.52	244	3297513	69.24	ng	0.02
Target Compounds						
50) Dimethylphthalate	13.57	163	436617	9.474	ng	# 96
71) Phenanthrene	16.92	178	411102	6.039	ng	# 20
75) Fluoranthene	18.94	202	861087	11.033	ng	93
78) Pyrene	19.30	202	669891	10.967	ng	# 93
81) Benzo(a)anthracene	21.04	228	233127	4.201	ng	98
83) Chrysene	21.09	228	366883	6.938	ng	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	638505	18.128	ng	97
87) Indeno(1,2,3-cd)pyrene	25.21	276	228788	4.368	ng	96
88) Benzo(b)fluoranthene	22.54	252	503203	9.238	ng	# 95
89) Benzo(k)fluoranthene	22.57	252	134272m	2.537	ng	
90) Benzo(a)pyrene	23.06	252	269626	5.573	ng	96
92) Benzo(a,h,i)perylene	25.83	276	233892	5.621	ng	98

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

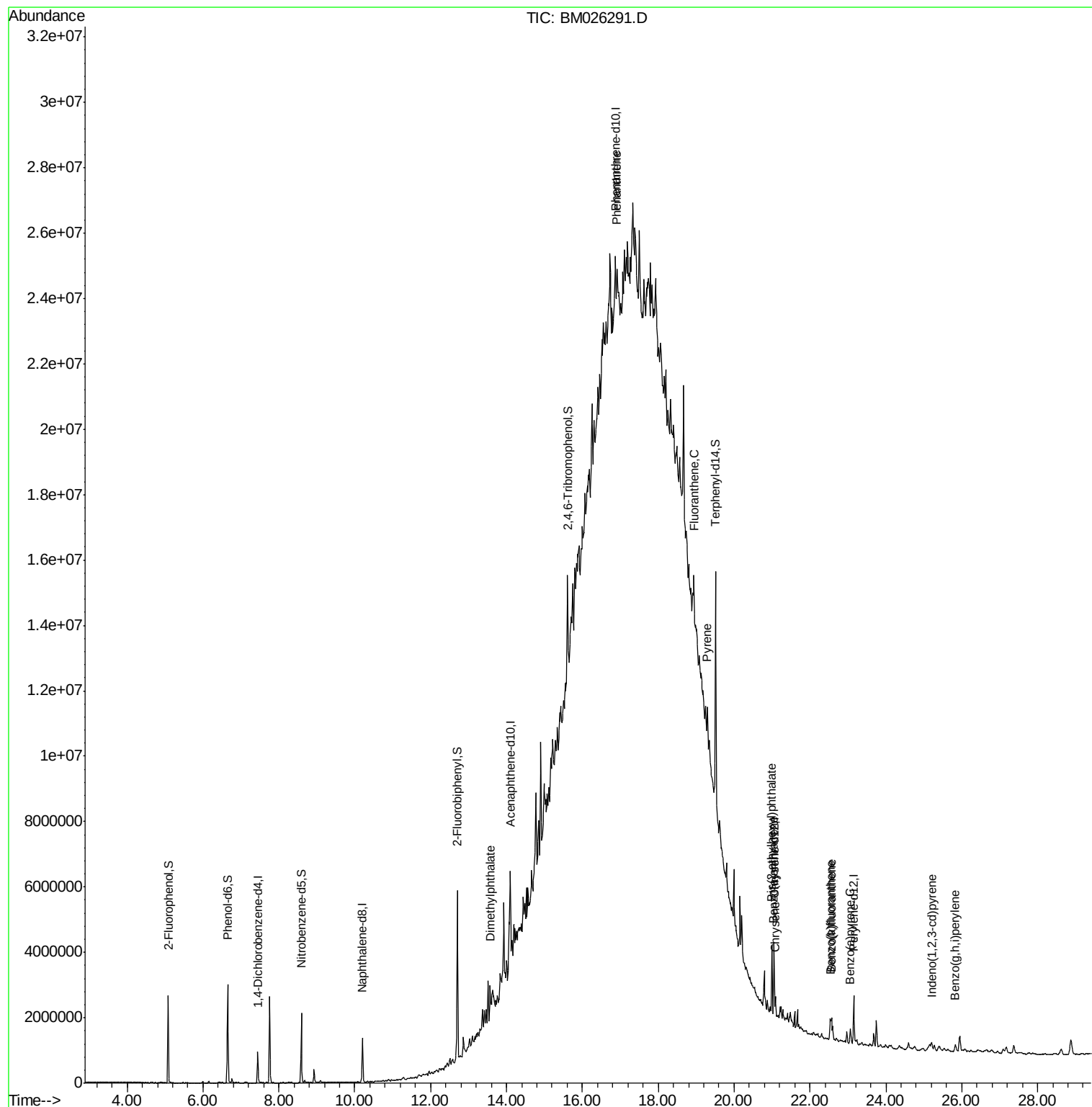
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026291.D
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Sample : L2890-01
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ALS Vial : 9 Sample Multiplier: 1

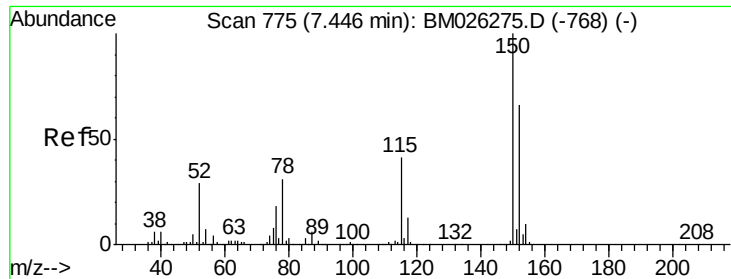
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

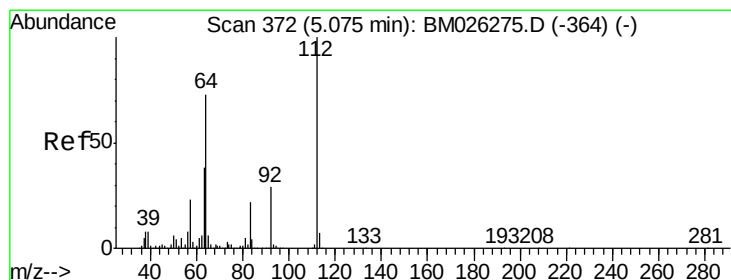
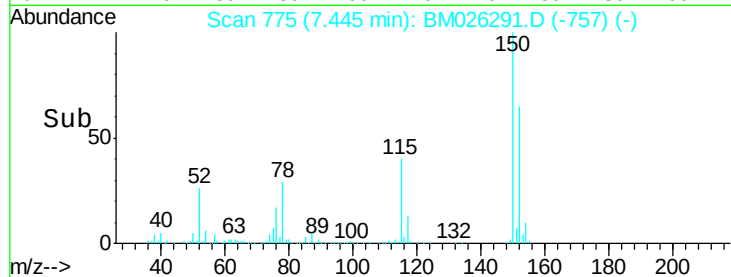
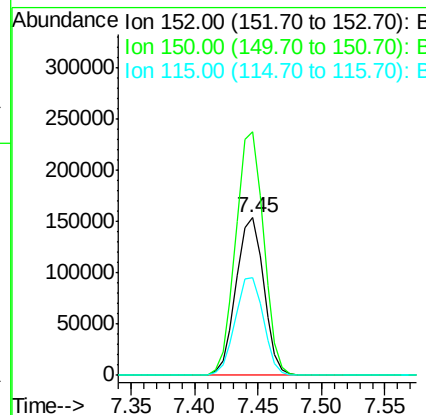
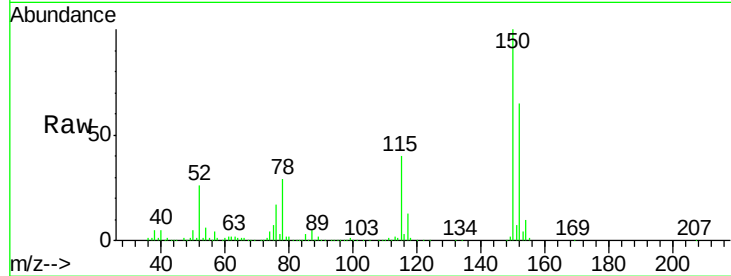
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.01 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Instrument :
BNA_M
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.1	183.1
115	61.7	49.7	74.5

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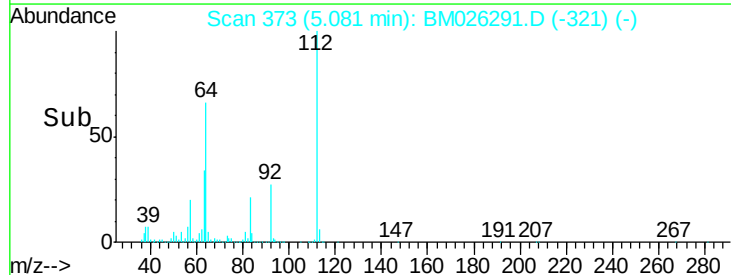
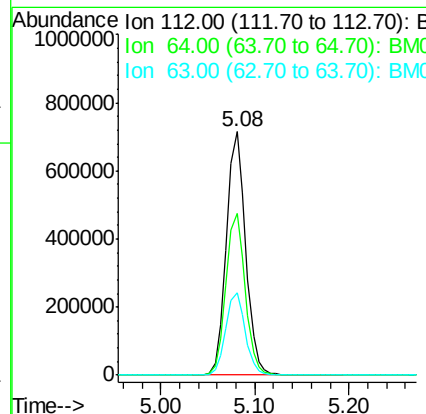
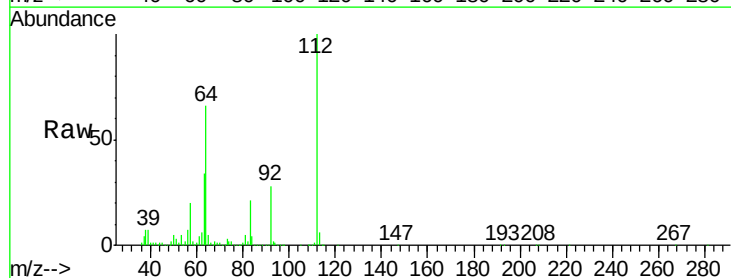
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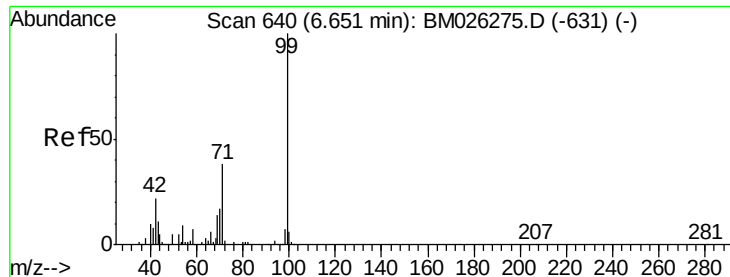


#5

2-Fluorophenol
Concen: 77.485 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.01 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	58.1	87.1
63	34.0	30.6	45.8





#7

Phenol-d6

Concen: 80.599 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Instrument :

BNA_M

ClientSampled :

CHRT-26160

Tot Ion: 99 Resp: 1538873

Ion Ratio Lower Upper

99 100

42 20.3 18.0 27.0

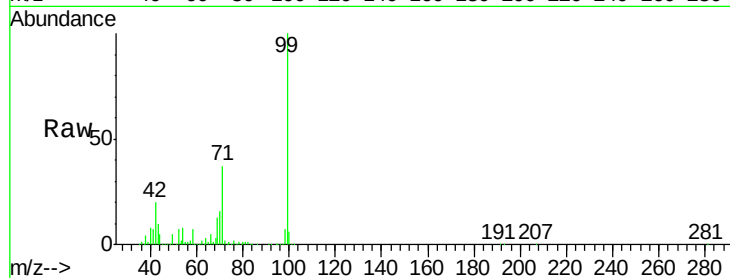
71 36.9 30.6 45.8

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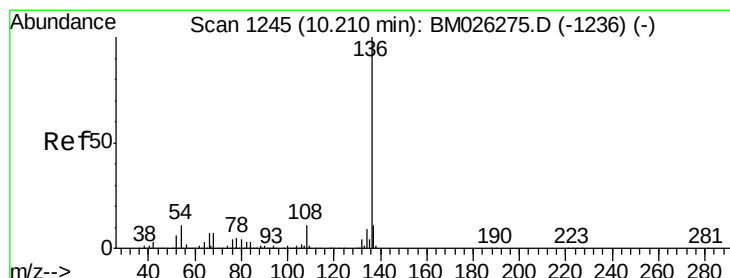
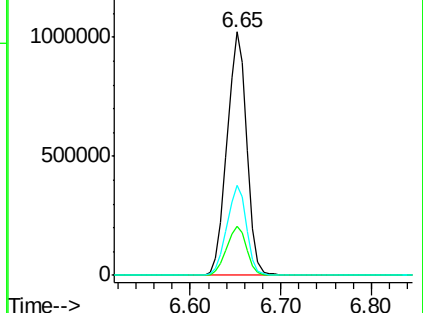
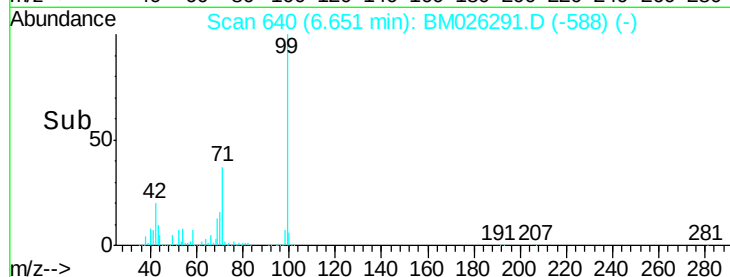
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Abundance Ion 99.00 (98.70 to 99.70): BM026291.D (-588) (-)

Ion 42.00 (41.70 to 42.70): BM026291.D (-588) (-)

Ion 71.00 (70.70 to 71.70): BM026291.D (-588) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Tgt Ion: 136 Resp: 996422

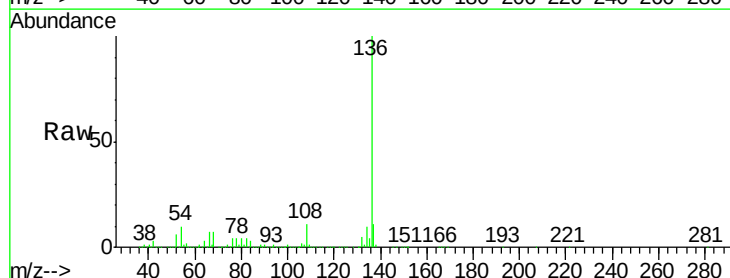
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.3 9.0 13.4

68 7.4 5.6 8.4

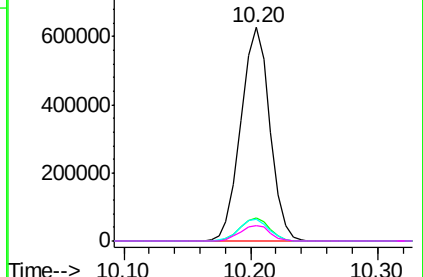
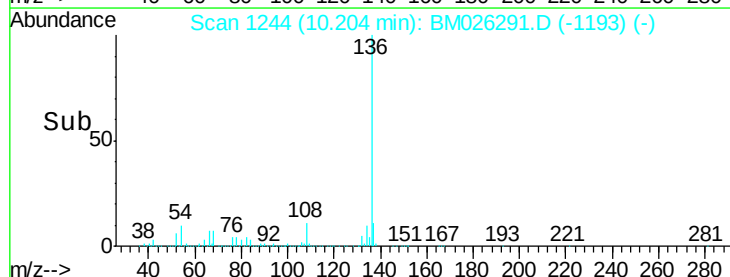


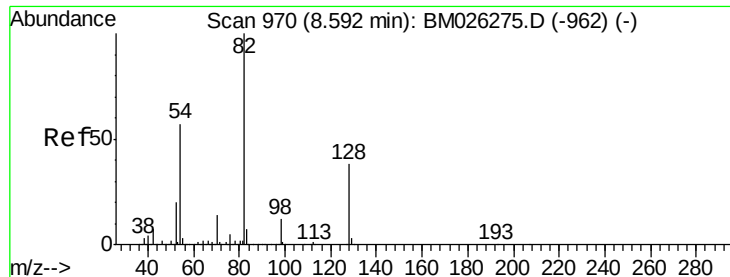
Abundance Ion 136.00 (135.70 to 136.70): BM026291.D (-1193) (-)

Ion 137.00 (136.70 to 137.70): BM026291.D (-1193) (-)

Ion 54.00 (53.70 to 54.70): BM026291.D (-1193) (-)

Ion 68.00 (67.70 to 68.70): BM026291.D (-1193) (-)





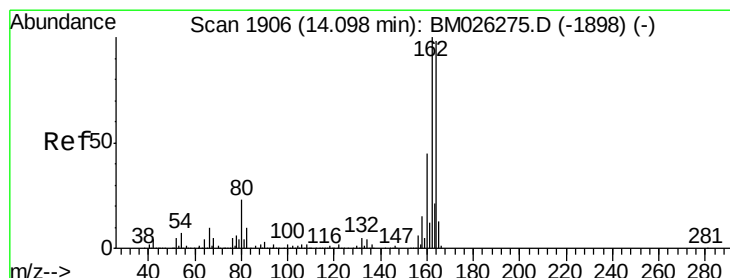
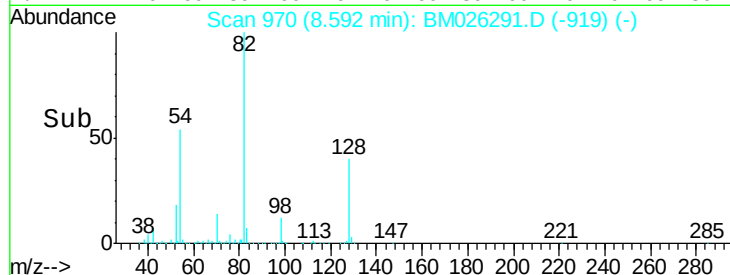
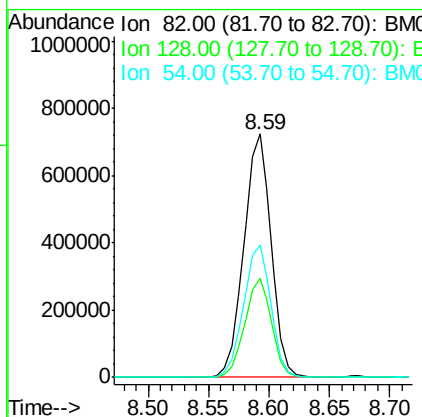
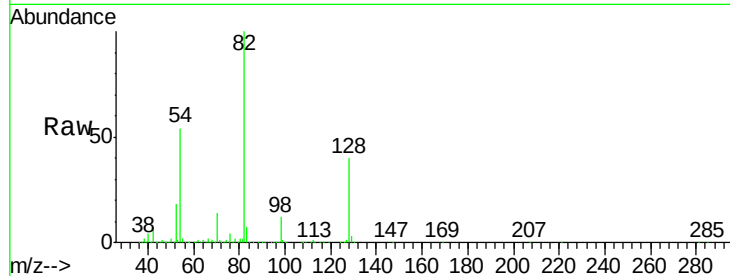
#23
 Nitrobenzene-d5
 Concen: 56.385 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM026291.D
 Acq: 08 Jun 2020 17:44

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26160

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.3	45.5
54	54.3	45.4	68.2

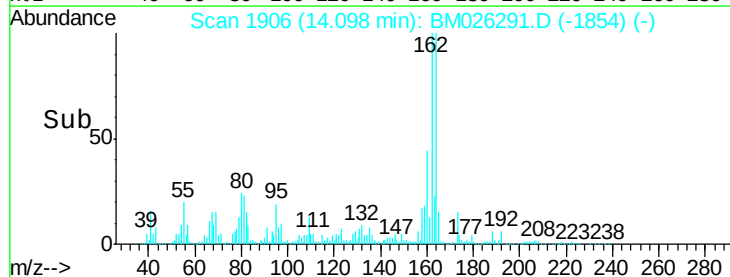
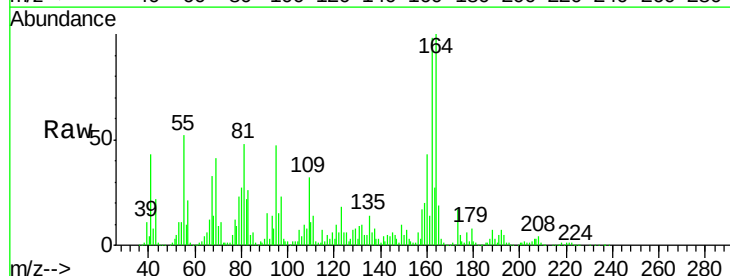
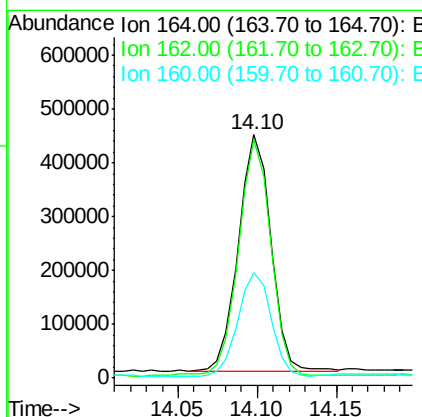
Manual Integrations
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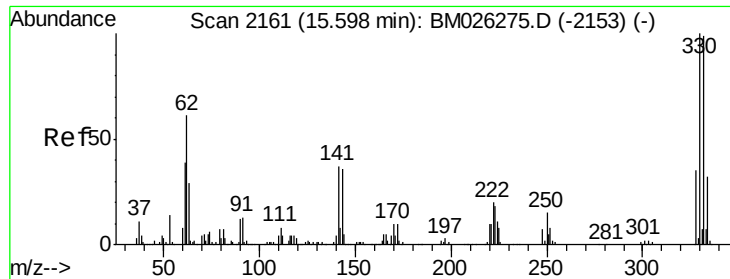
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. 0.01 min
 Lab File: BM026291.D
 Acq: 08 Jun 2020 17:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	81.4	122.2
160	43.4	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 91.865 ng

RT: 15.61 min Scan# 2163

Delta R.T. 0.02 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Instrument :

BNA_M

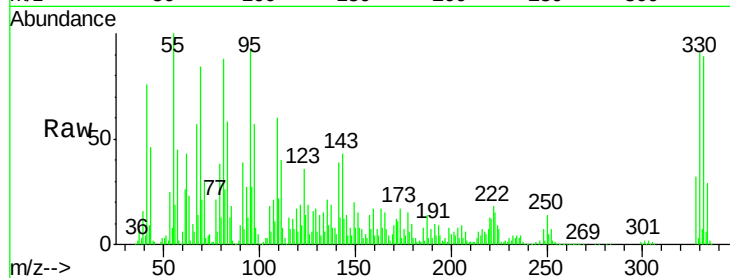
ClientSampleId :

CHRT-26160

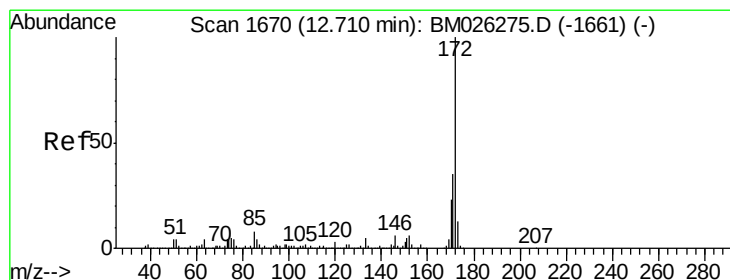
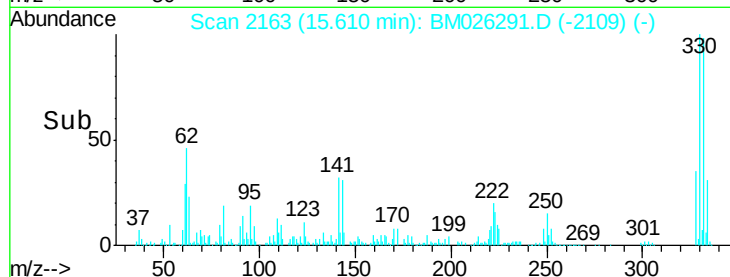
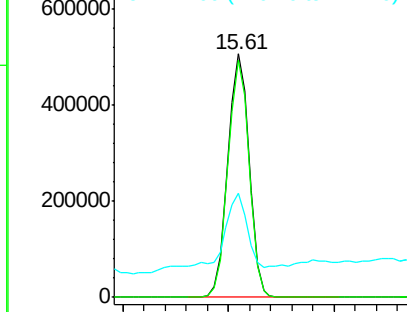
Tot Ion:	330	Resp:	701135
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.1	117.1
141	43.2	30.0	45.0

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 59.363 ng

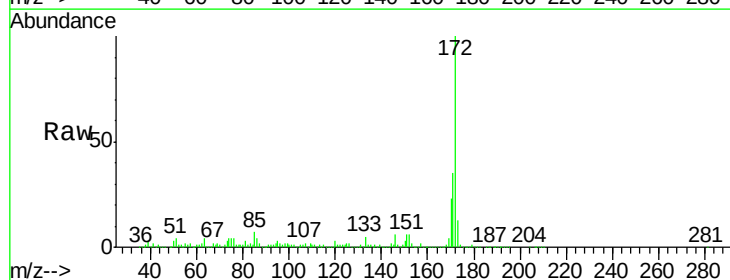
RT: 12.71 min Scan# 1670

Delta R.T. 0.01 min

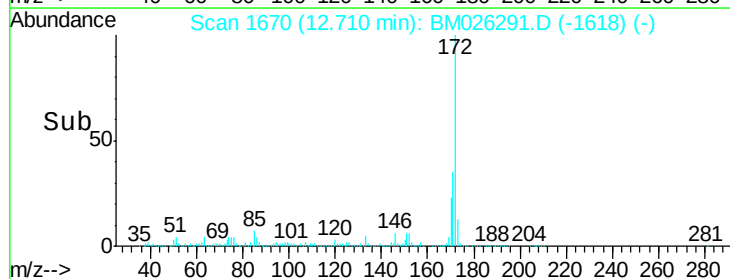
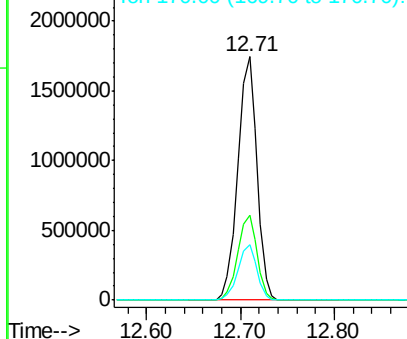
Lab File: BM026291.D

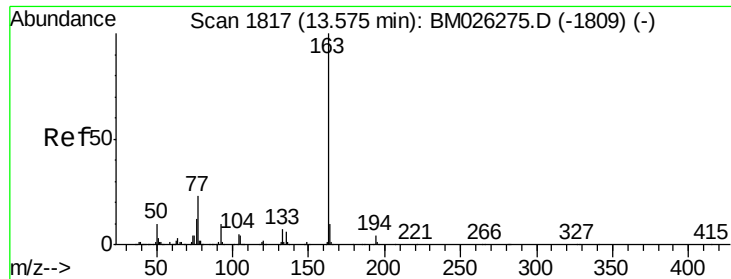
Acq: 08 Jun 2020 17:44

Tgt Ion:	172	Resp:	2463990
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.2	42.2
170	22.8	18.3	27.5



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.474 ng

RT: 13.57 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Instrument :

BNA_M

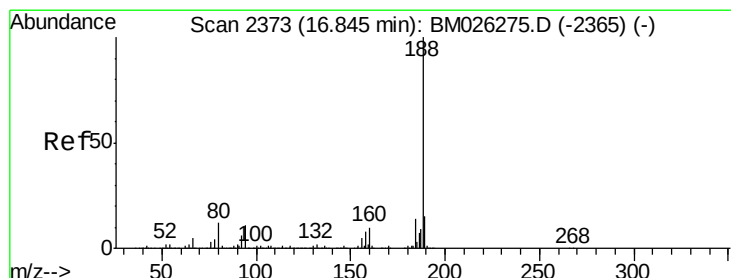
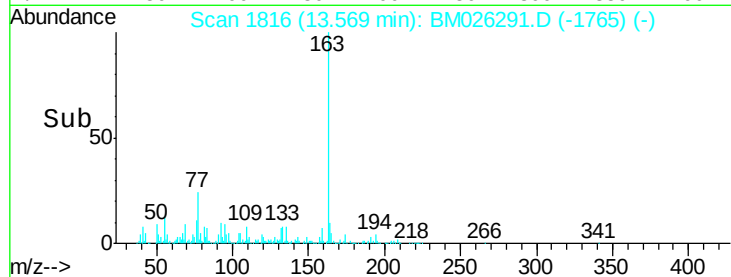
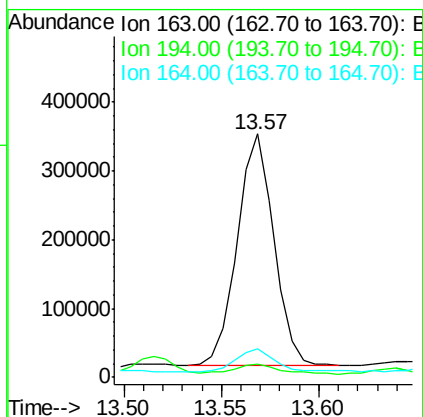
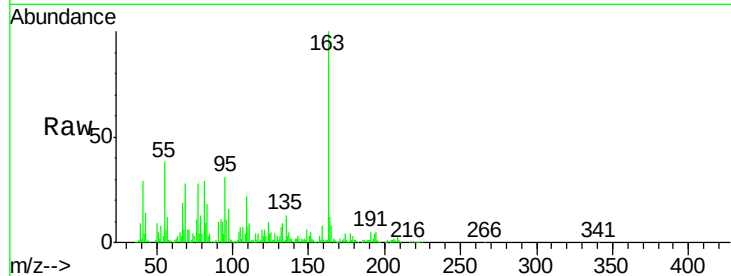
ClientSampleId :

CHRT-26160

Tot Ion:	163	Resp:	436617
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.4	5.2#
164	11.5	8.0	12.0

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#64

Phenanthrene-d10

Concen: 20.000 ng

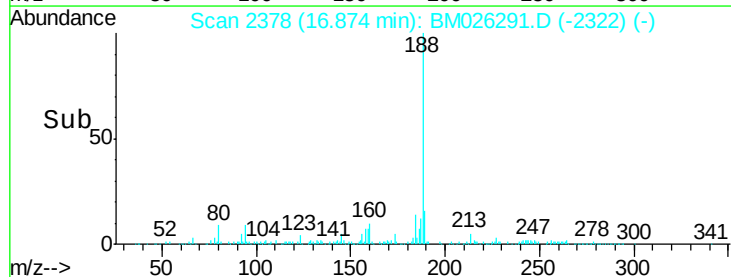
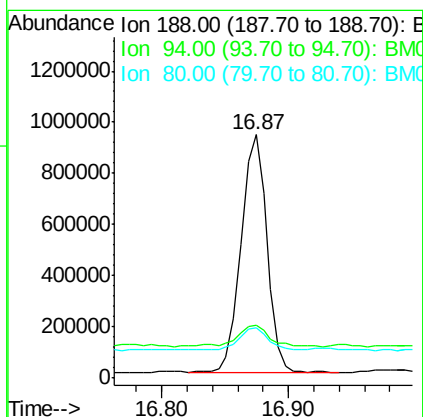
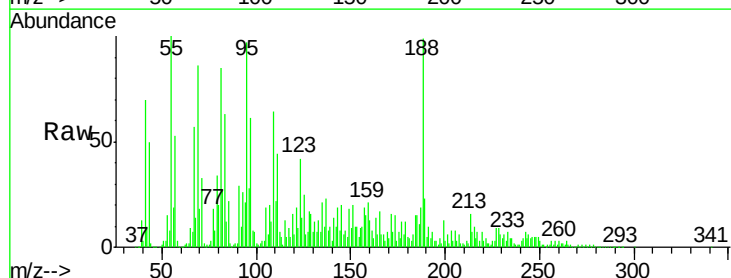
RT: 16.87 min Scan# 2378

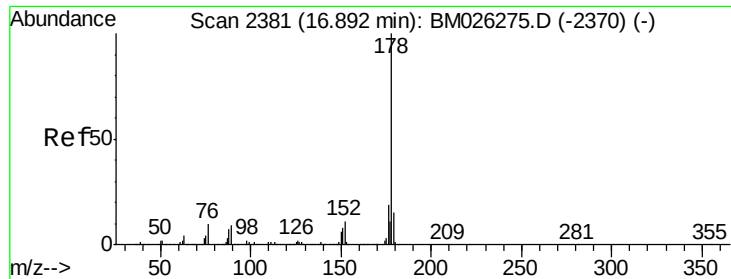
Delta R.T. 0.03 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Tgt Ion:	188	Resp:	1307170
Ion Ratio	Lower	Upper	
188	100		
94	21.6	8.6	12.8#
80	20.4	9.7	14.5#





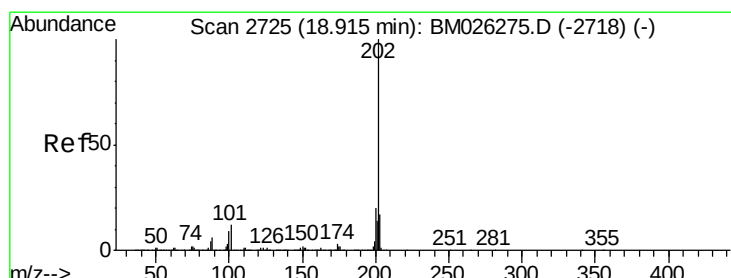
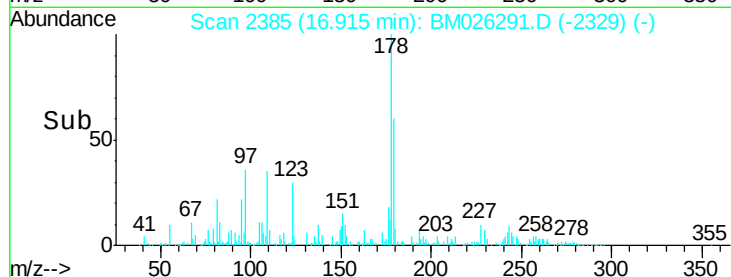
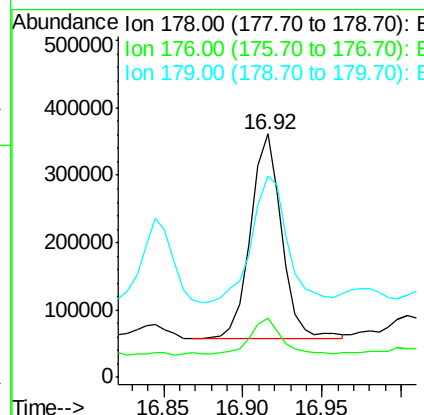
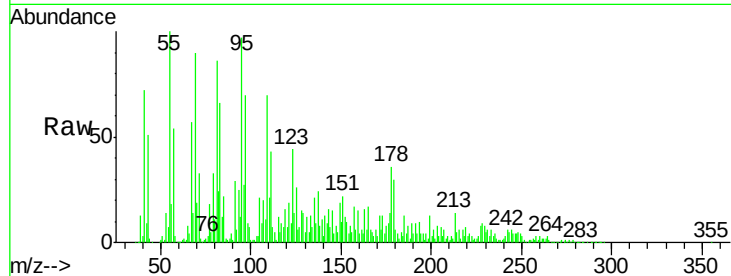
#71
Phenanthrene
Concen: 6.039 ng
RT: 16.92 min Scan# 2385
Delta R.T. 0.03 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Instrument :
BNA_M
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.4	14.9	22.3#
179	83.0	12.0	18.0#

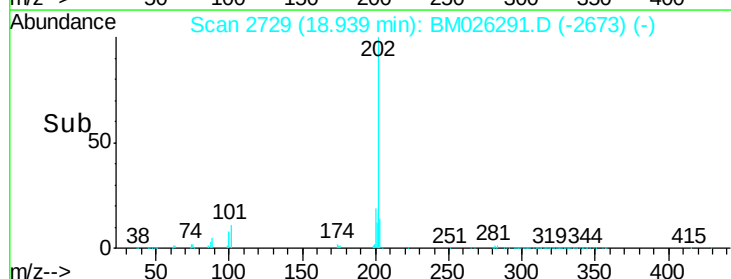
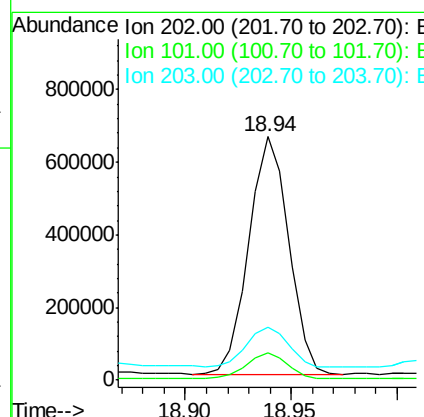
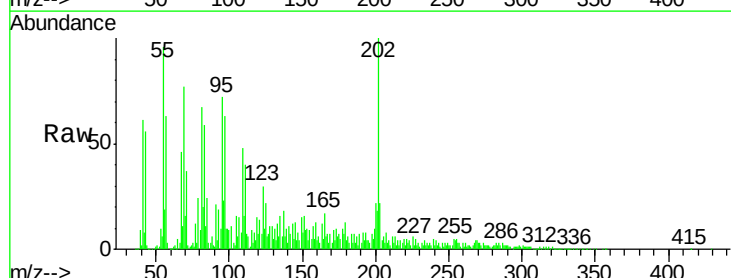
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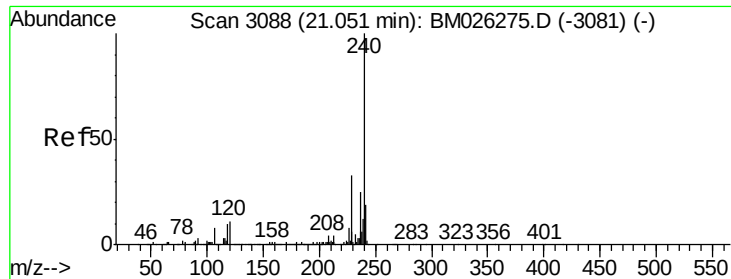
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#75
Fluoranthene
Concen: 11.033 ng
RT: 18.94 min Scan# 2729
Delta R.T. 0.03 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.6
203	21.9	0.0	37.4





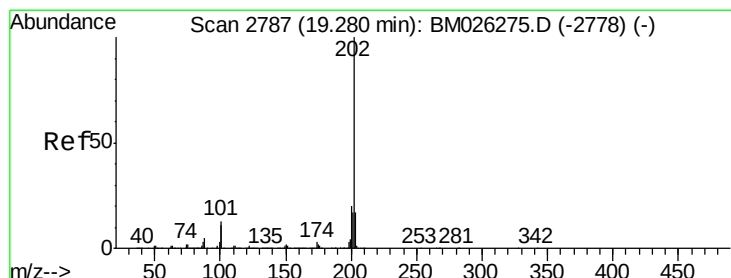
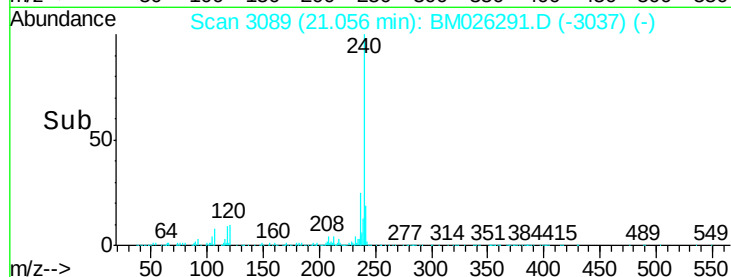
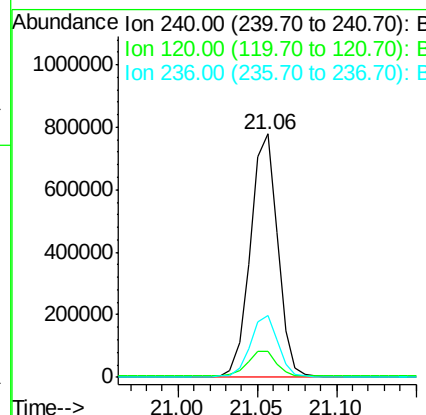
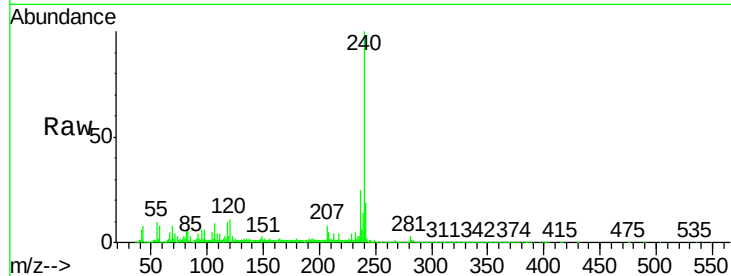
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Instrument :
BNA_M
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.2	19.7	29.5

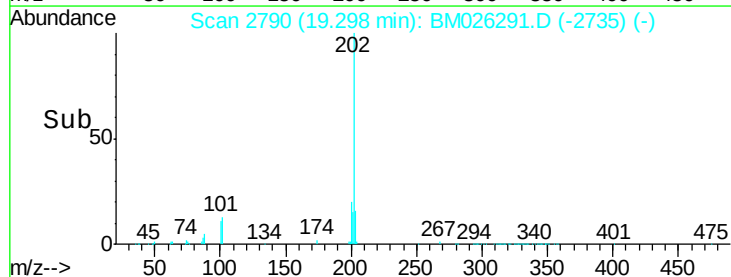
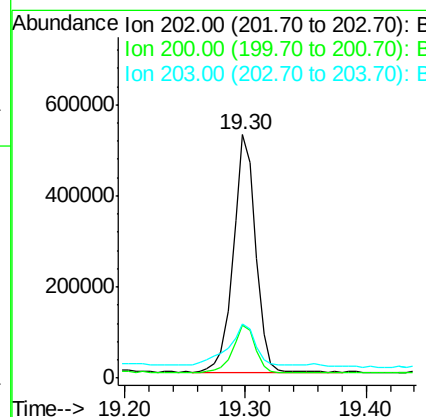
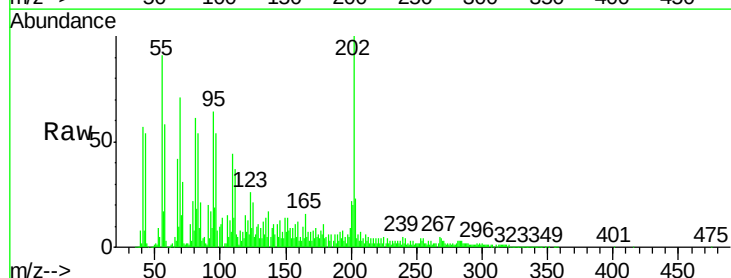
Manual Integrations
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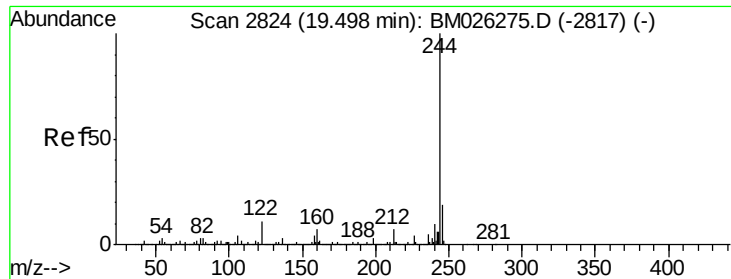
mohammad
6/9/2020 12:21:46 PM



#78
Pyrene
Concen: 10.967 ng
RT: 19.30 min Scan# 2790
Delta R.T. 0.02 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.2	24.4
203	22.5	13.8	20.8#





#79

Terphenyl-d14

Concen: 69.239 ng

RT: 19.52 min Scan# 2827

Delta R.T. 0.02 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Instrument :

BNA_M

ClientSampleId :

CHRT-26160

Tot Ion:244 Resp: 3297513

Ion Ratio Lower Upper

244 100

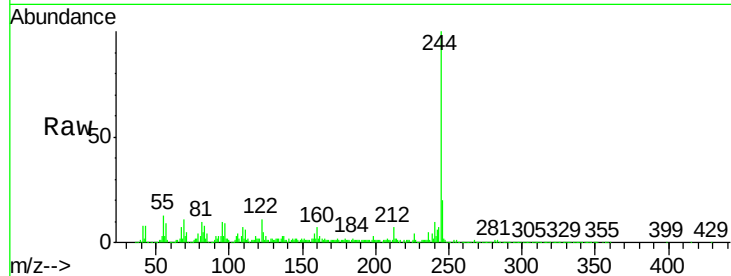
212 7.4 5.7 8.5

122 11.2 9.1 13.7

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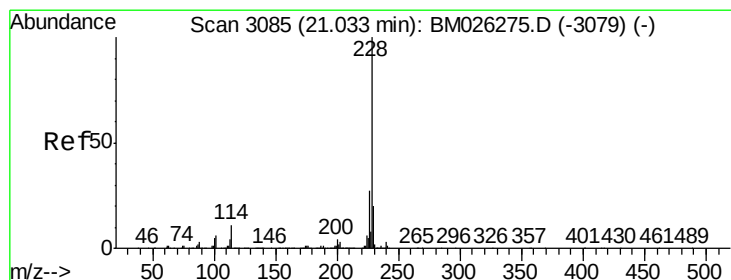
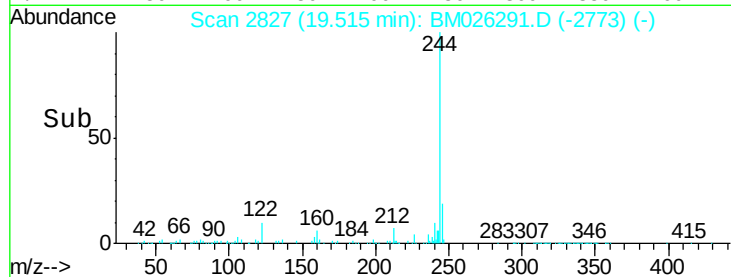
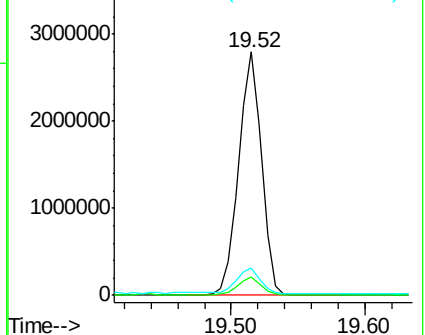
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.201 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

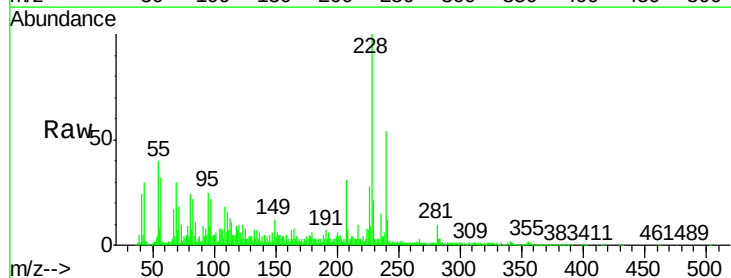
Tgt Ion:228 Resp: 233127

Ion Ratio Lower Upper

228 100

226 28.1 21.7 32.5

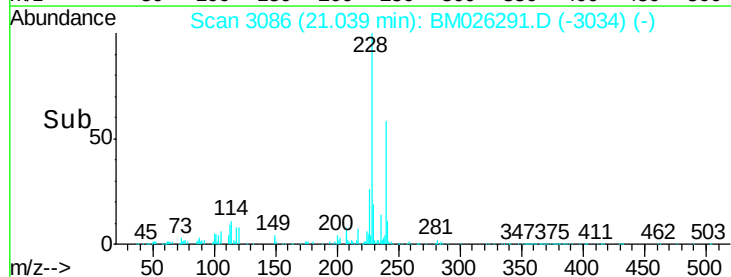
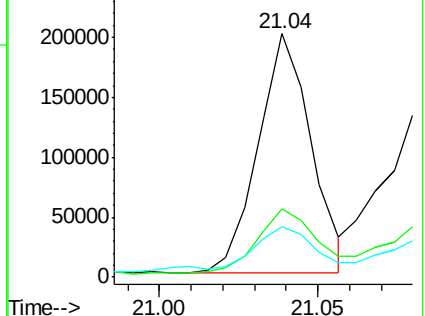
229 20.8 15.9 23.9

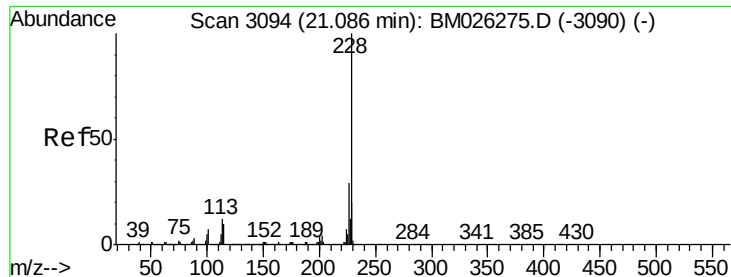


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 6.938 ng

RT: 21.09 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Instrument :

BNA_M

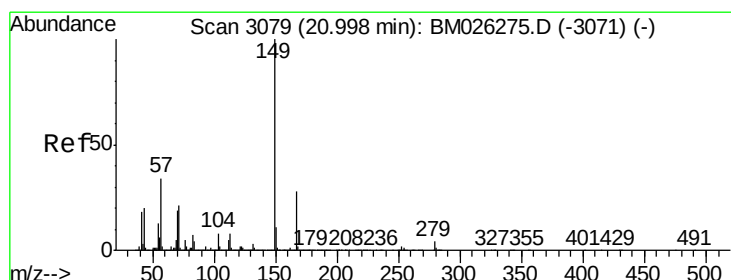
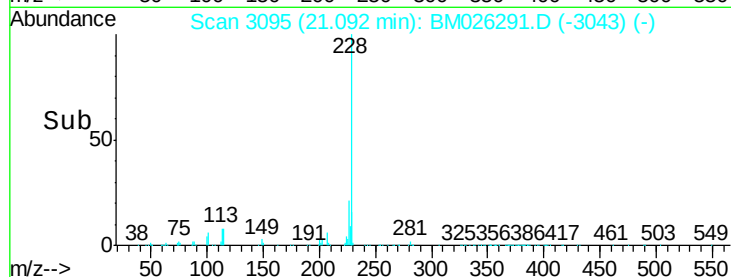
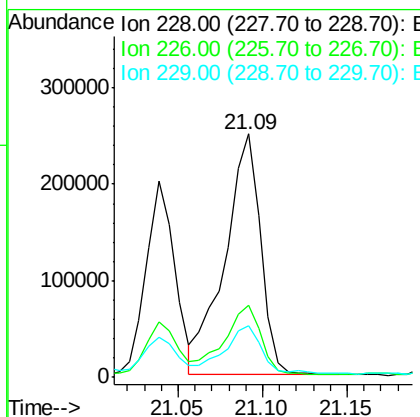
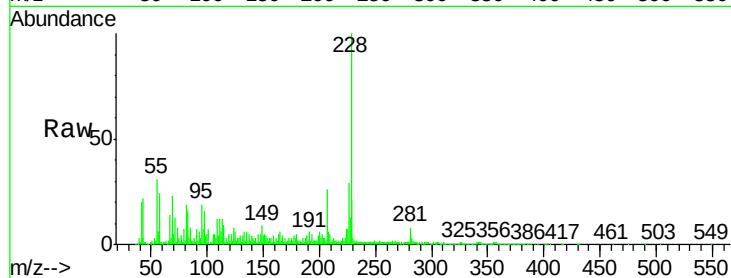
ClientSampleId :

CHRT-26160

Tot Ion:	228	Resp:	366883
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.5	35.3
229	21.3	15.8	23.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 18.128 ng

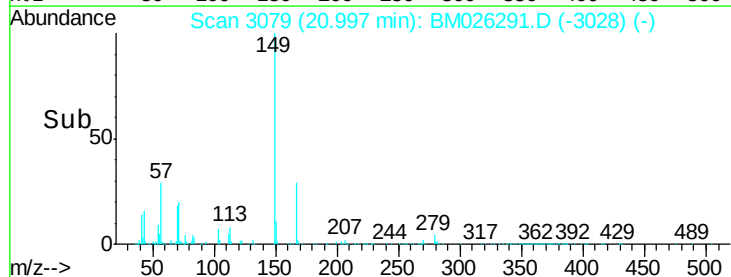
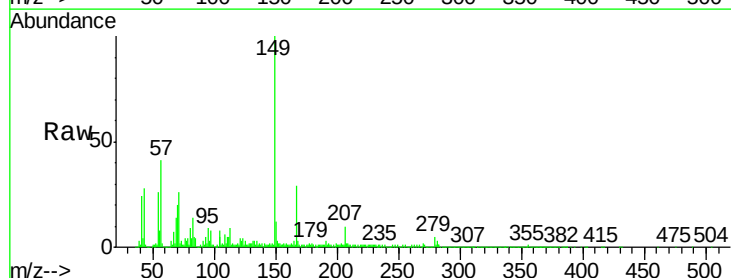
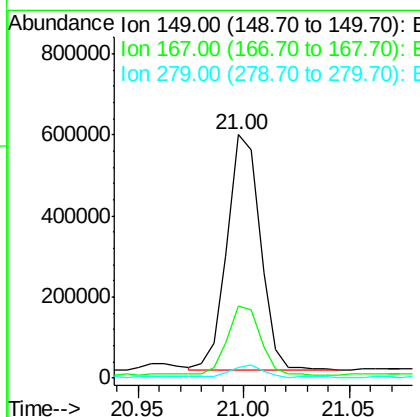
RT: 21.00 min Scan# 3079

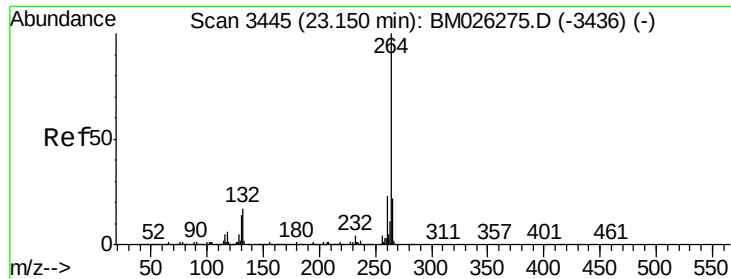
Delta R.T. 0.00 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Tgt Ion:	149	Resp:	638505
Ion Ratio	Lower	Upper	
149	100		
167	29.5	22.2	33.4
279	4.6	3.6	5.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3446

Delta R.T. 0.01 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Instrument :

BNA_M

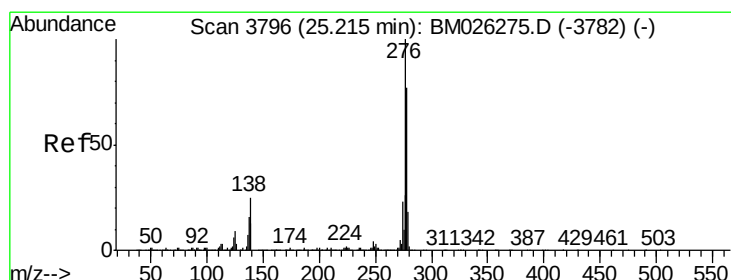
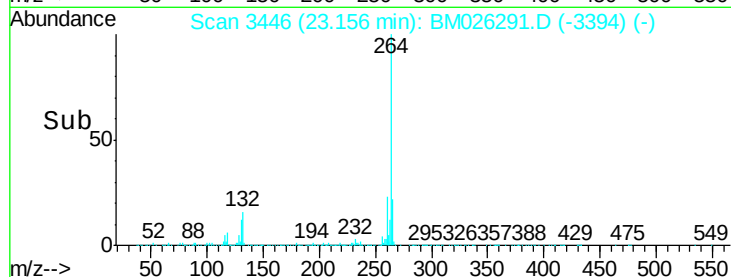
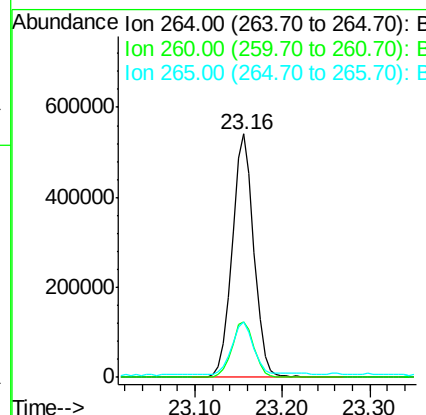
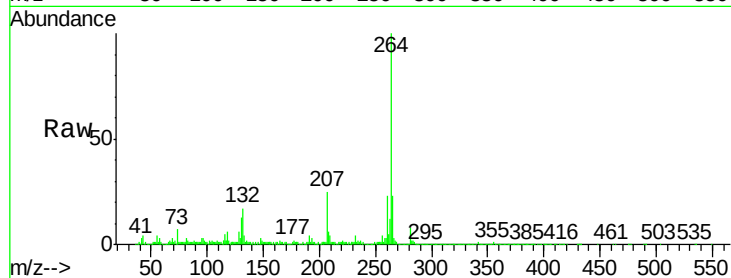
ClientSampleId :

CHRT-26160

Tot Ion:	264	Resp:	905500
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.6	28.0
265	22.7	18.2	27.2

Manual Integrations
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#87

Indeno(1,2,3-cd)pyrene

Concen: 4.368 ng

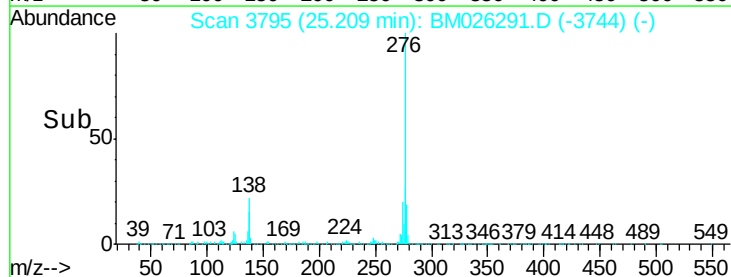
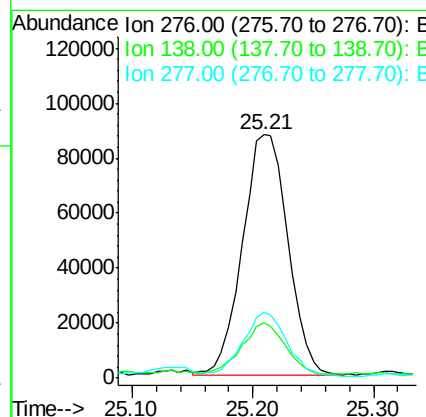
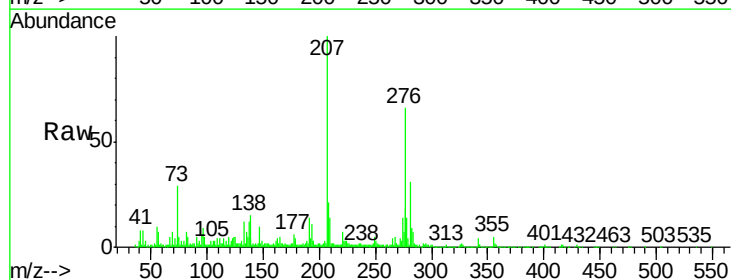
RT: 25.21 min Scan# 3795

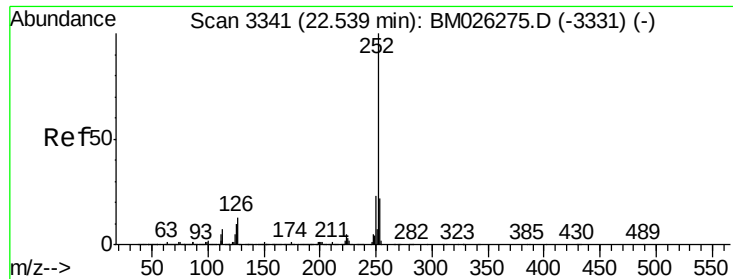
Delta R.T. 0.00 min

Lab File: BM026291.D

Acq: 08 Jun 2020 17:44

Tgt Ion:	276	Resp:	228788
Ion Ratio	Lower	Upper	
276	100		
138	21.1	19.8	29.8
277	25.7	20.2	30.2





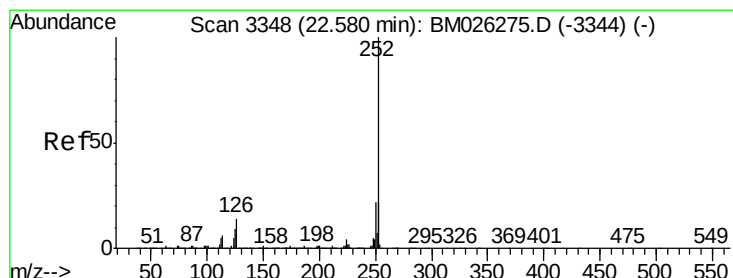
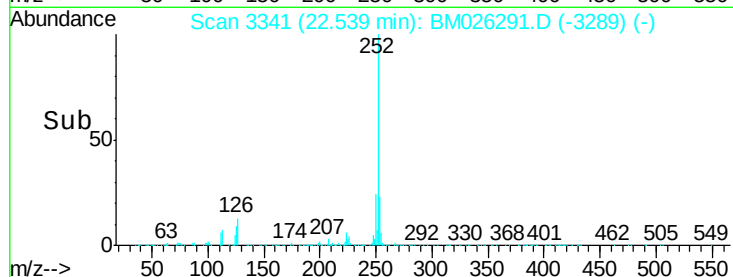
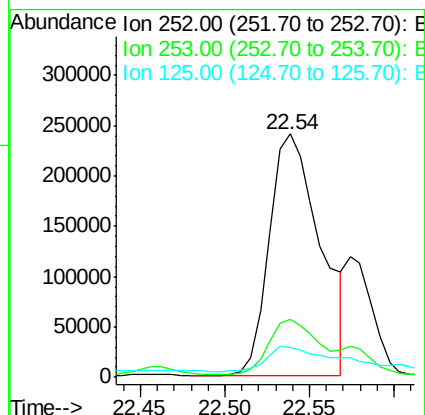
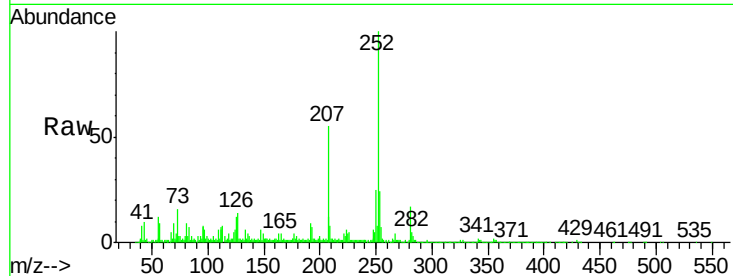
#88
Benzo(b)fluoranthene
Concen: 9.238 ng
RT: 22.54 min Scan# 3341
Delta R.T. 0.01 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Instrument :
BNA_M
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	12.1	7.9	11.9

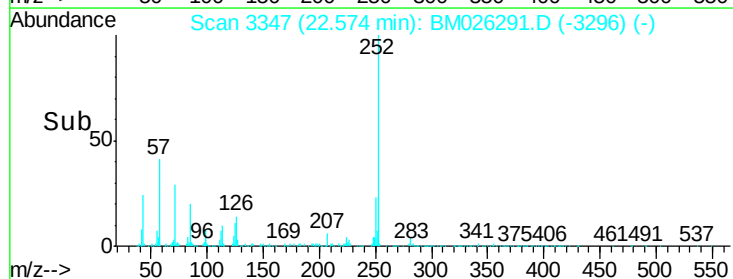
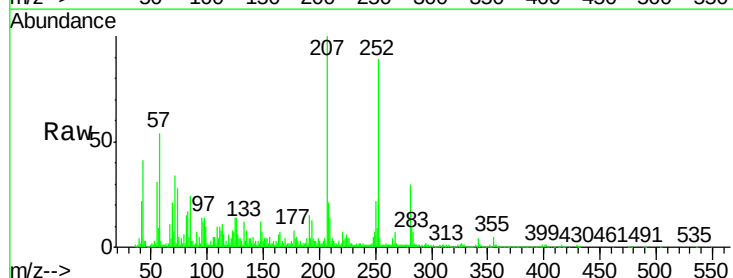
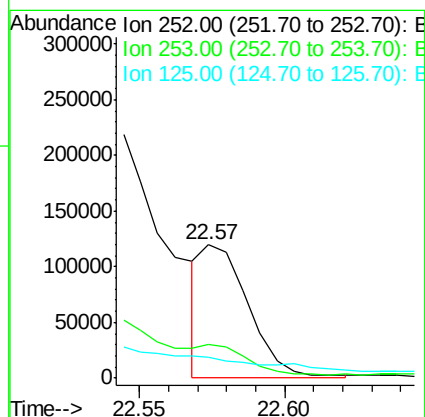
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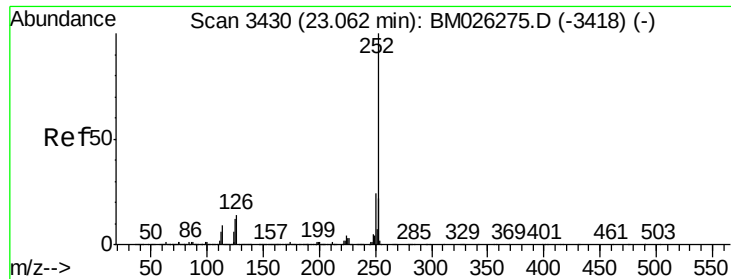
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#89
Benzo(k)fluoranthene
Concen: 2.537 ng m
RT: 22.57 min Scan# 3347
Delta R.T. 0.00 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.3	25.9
125	16.0	7.8	11.6





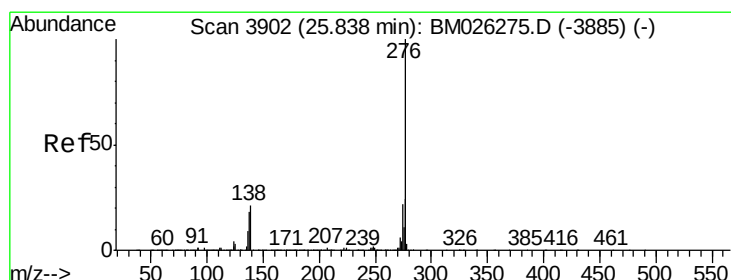
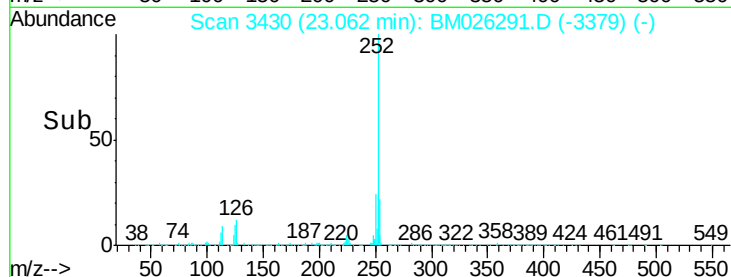
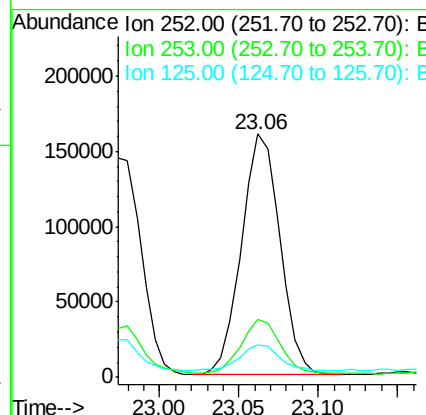
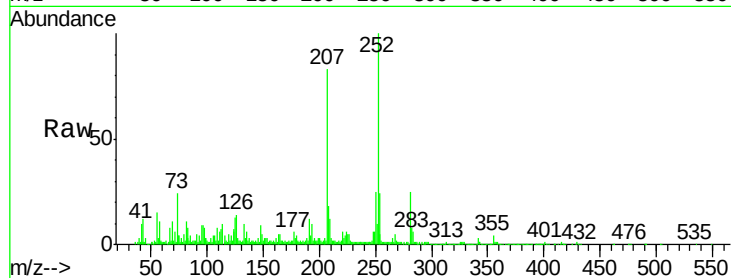
#90
Benzo(a)pyrene
Concen: 5.573 ng
RT: 23.06 min Scan# 3430
Delta R.T. 0.00 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Instrument :
BNA_M
ClientSampleId :
CHRT-26160

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	13.4	9.4	14.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.621 ng
RT: 25.83 min Scan# 3901
Delta R.T. 0.00 min
Lab File: BM026291.D
Acq: 08 Jun 2020 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	22.4	16.5	24.7

