

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
 Data File : BM026297.D
 Acq On : 08 Jun 2020 21:22
 Operator : JU/CG
 Sample : L2890-05RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-24245RE

Manual Integrations
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mohammad
 6/9/2020 12:21:55 PM

Quant Time: Jun 09 03:00:23 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	266327	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	1056178	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	548493	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	937686	20.00	ng	0.00
76) Chrysene-d12	21.06	240	790837	20.00	ng	0.00
86) Perylene-d12	23.17	264	868475	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1306536	86.74	ng	0.01
7) Phenol-d6	6.66	99	1810256	82.99	ng	0.01
23) Nitrobenzene-d5	8.60	82	1236962	57.50	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	514331	77.41	ng	0.01
45) 2-Fluorobiphenyl	12.71	172	2397505	66.35	ng	0.00
79) Terphenyl-d14	19.50	244	2349629	57.67	ng	0.00
Target Compounds						
32) Benzoic acid	9.51	122	10183m	5.967	ng	Qvalue
50) Dimethylphthalate	13.57	163	385979	9.621	ng	100
71) Phenanthrene	16.89	178	116726	2.390	ng	97
75) Fluoranthene	18.92	202	444846	7.946	ng	99
78) Pyrene	19.28	202	384277	7.354	ng	99
81) Benzo(a)anthracene	21.04	228	220804	4.651	ng	95
83) Chrysene	21.09	228	247489	5.471	ng	98
87) Indeno(1,2,3-cd)pyrene	25.23	276	194530	3.872	ng	95
88) Benzo(b)fluoranthene	22.55	252	380768m	7.288	ng	
89) Benzo(k)fluoranthene	22.58	252	115535m	2.276	ng	
90) Benzo(a)pyrene	23.07	252	247264	5.329	ng	# 89
92) Benzo(a,h,i)perylene	25.86	276	196843	4.932	ng	95

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

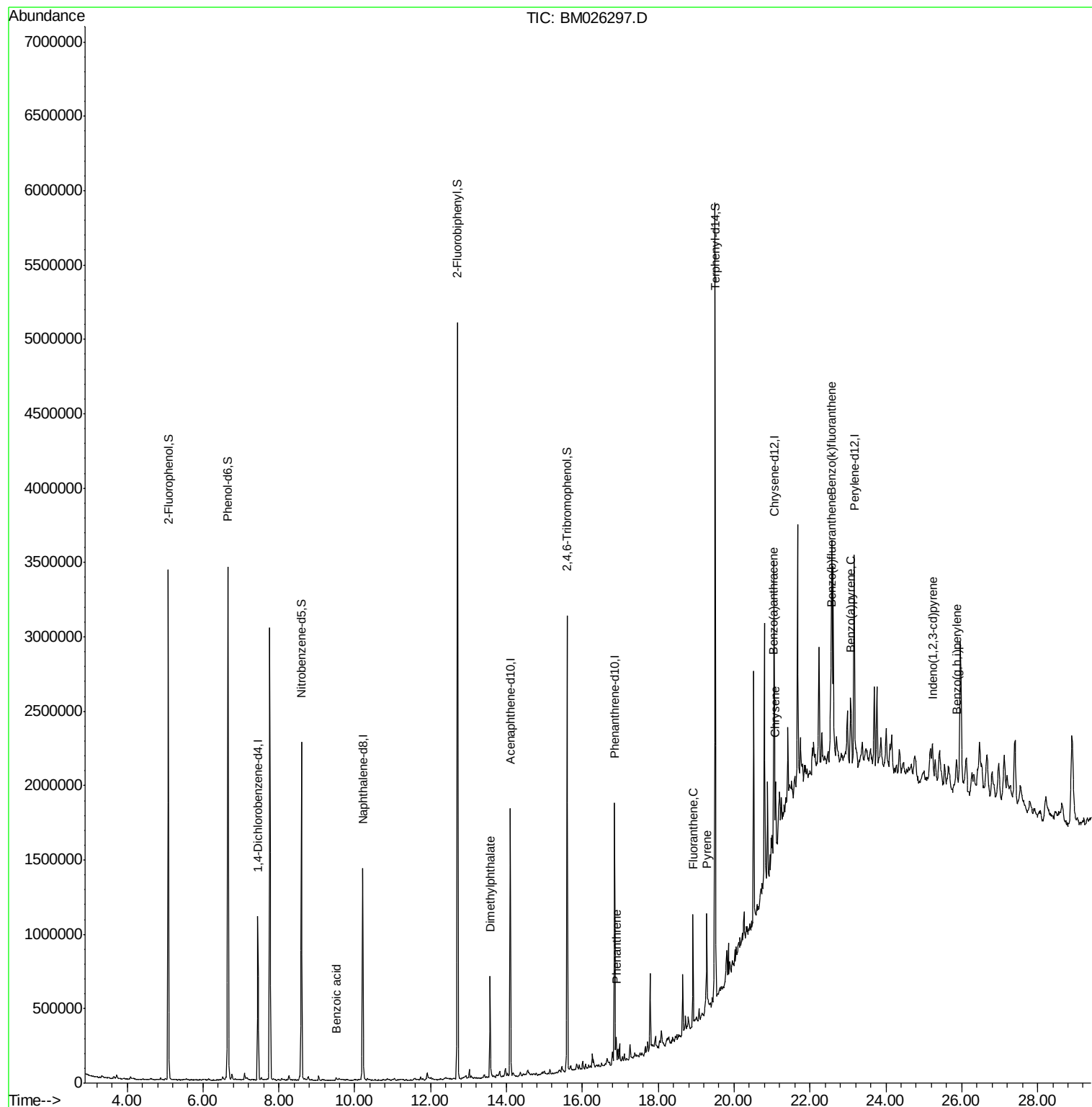
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026297.D
Acq On : 08 Jun 2020 21:22
Operator : JU/CG
Sample : L2890-05RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

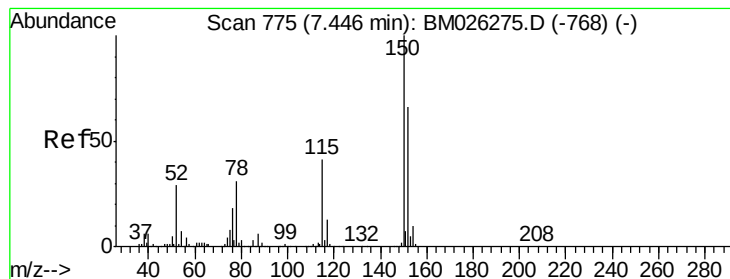
Instrument :
BNA_M
ClientSampleId :
CHRT-24245RE

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Quant Time: Jun 09 03:00:23 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.45 min Scan# 775

Delta R.T. 0.01 min

Lab File: BM026297.D

Acq: 08 Jun 2020 21:22

Instrument :

BNA_M

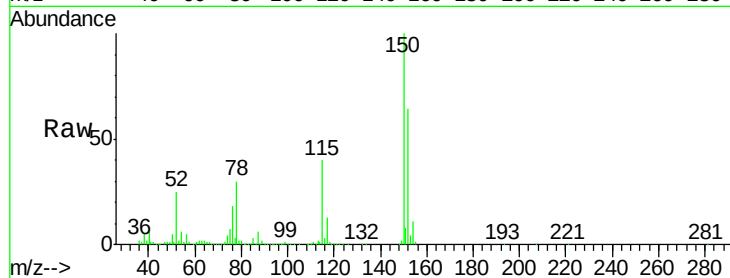
ClientSampled :

CHRT-24245RE

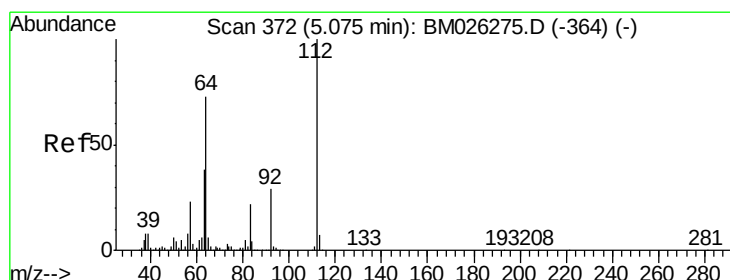
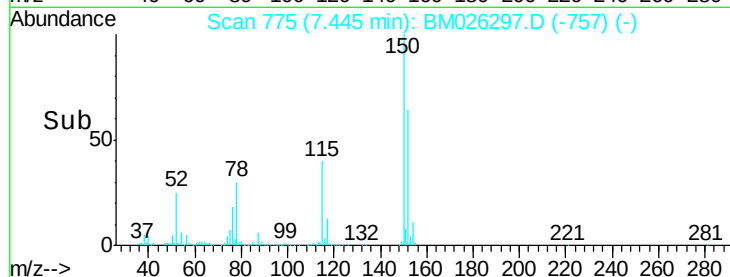
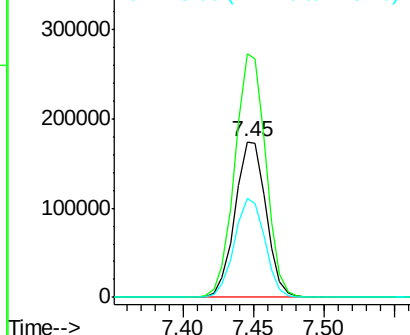
Tot Ion:	152	Resp:	266327
Ion Ratio	Lower	Upper	
152	100		
150	156.7	122.1	183.1
115	63.4	49.7	74.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 86.736 ng

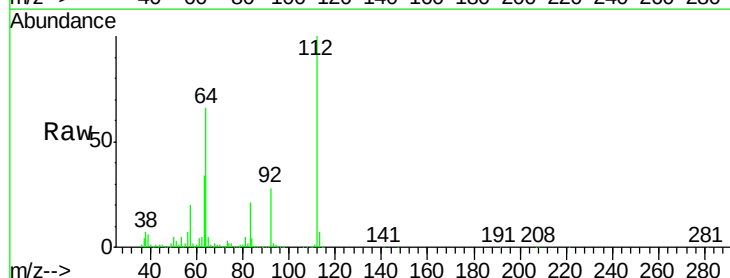
RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

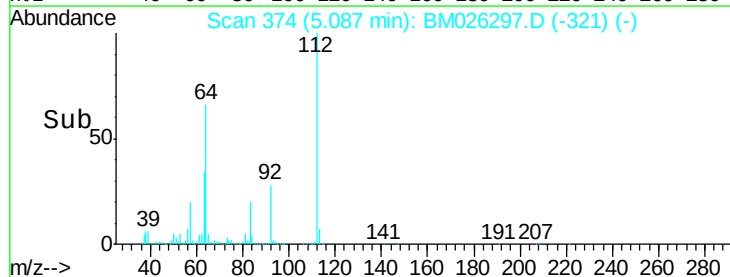
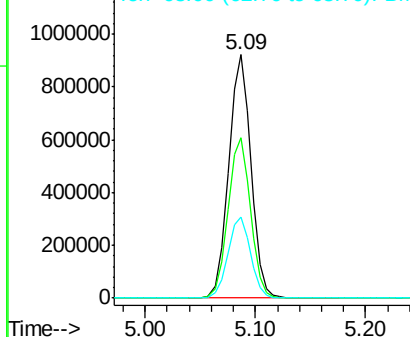
Lab File: BM026297.D

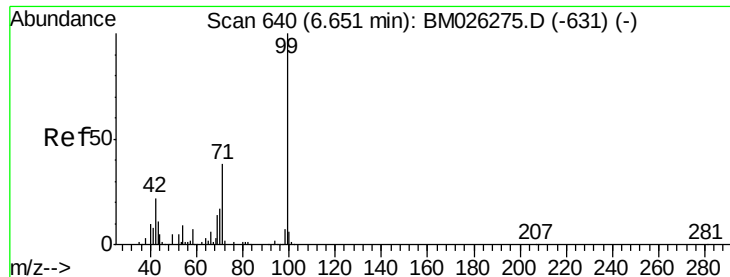
Acq: 08 Jun 2020 21:22

Tgt Ion:	112	Resp:	1306536
Ion Ratio	Lower	Upper	
112	100		
64	66.1	58.1	87.1
63	33.5	30.6	45.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 82.991 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM026297.D

Acq: 08 Jun 2020 21:22

Instrument :

BNA_M

ClientSampleId :

CHRT-24245RE

Tot Ion: 99 Resp: 1810256

Ion Ratio Lower Upper

99 100

42 19.9 18.0 27.0

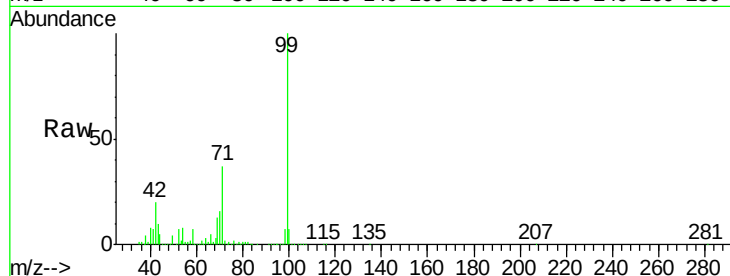
71 36.7 30.6 45.8

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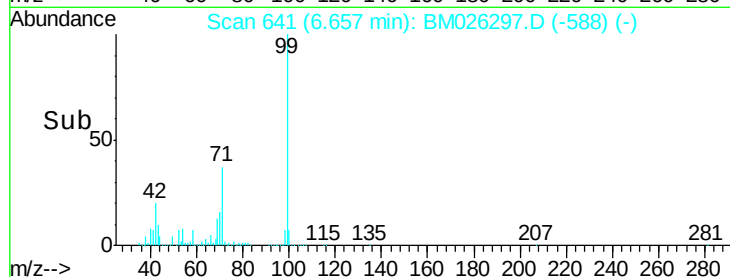


Abundance Ion 99.00 (98.70 to 99.70): BM026297.D (-588) (-)

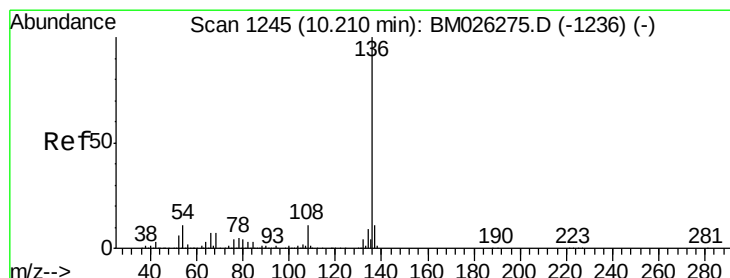
Ion 42.00 (41.70 to 42.70): BM026297.D (-588) (-)

Ion 71.00 (70.70 to 71.70): BM026297.D (-588) (-)

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.21 min Scan# 1245

Delta R.T. 0.01 min

Lab File: BM026297.D

Acq: 08 Jun 2020 21:22

Tgt Ion: 136 Resp: 1056178

Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 10.7 9.0 13.4

68 6.9 5.6 8.4

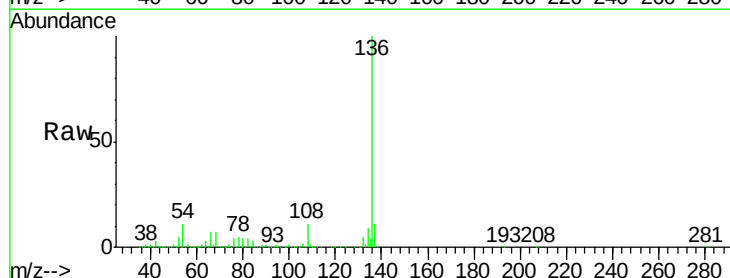
Abundance Ion 136.00 (135.70 to 136.70): BM026297.D (-1193) (-)

Ion 137.00 (136.70 to 137.70): BM026297.D (-1193) (-)

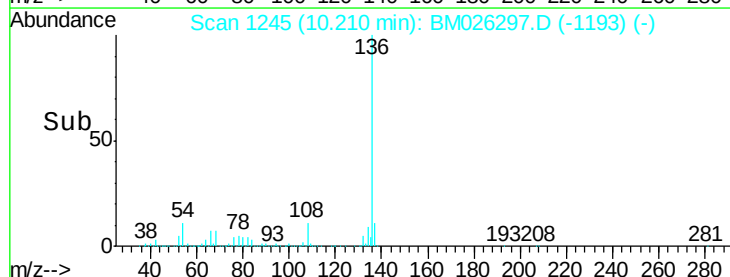
Ion 54.00 (53.70 to 54.70): BM026297.D (-1193) (-)

Ion 68.00 (67.70 to 68.70): BM026297.D (-1193) (-)

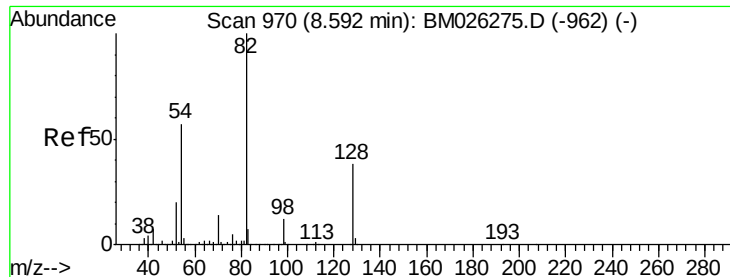
Time-->



Time-->



Time-->



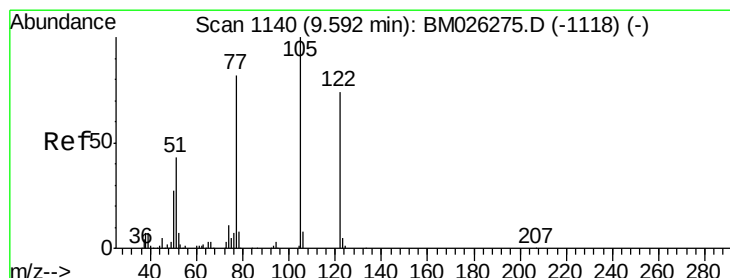
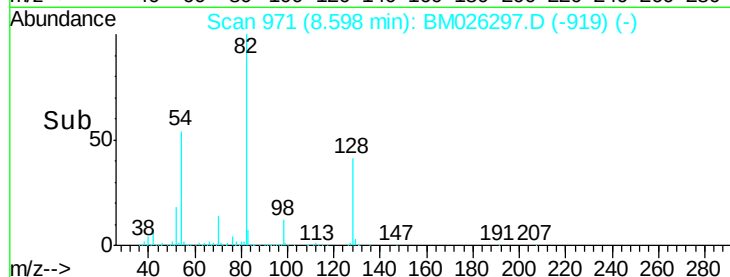
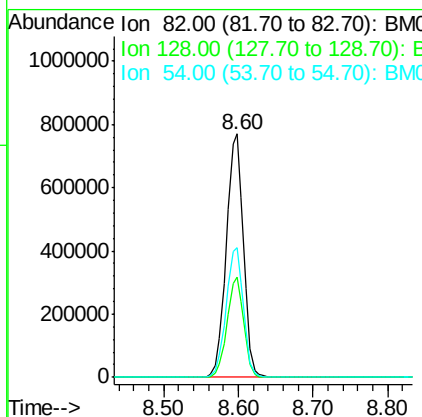
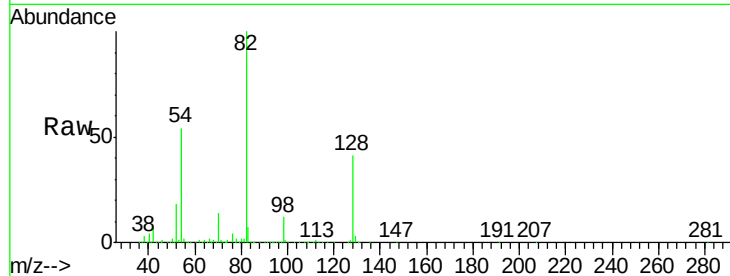
#23
 Nitrobenzene-d5
 Concen: 57.504 ng
 RT: 8.60 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BM026297.D
 Acq: 08 Jun 2020 21:22

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-24245RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	30.3	45.5
54	53.5	45.4	68.2

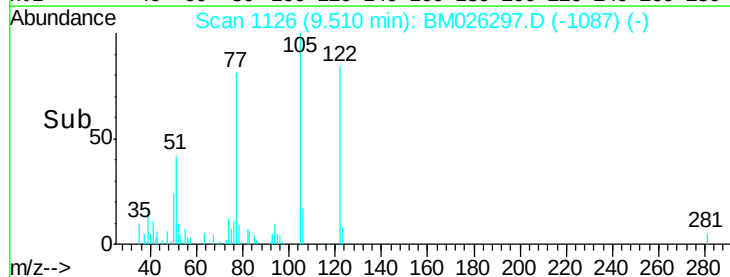
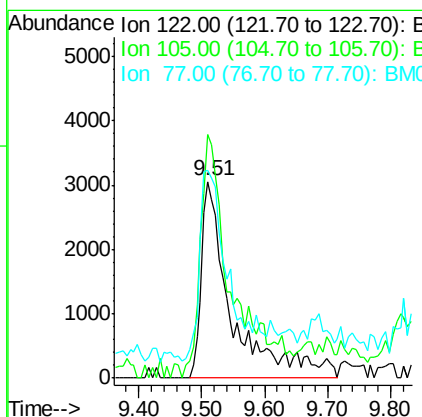
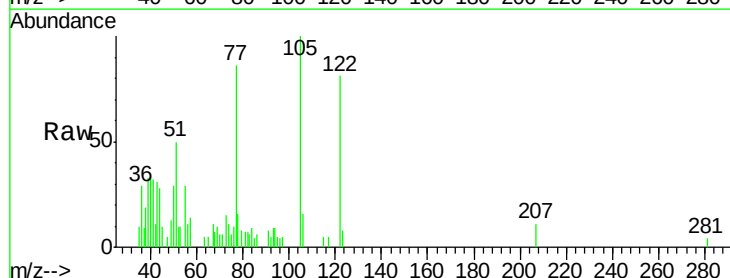
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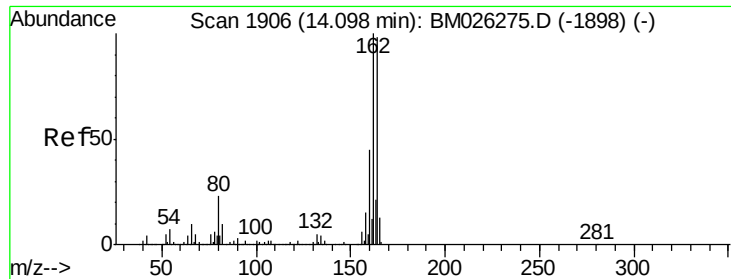
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#32
 Benzoic acid
 Concen: 5.967 ng m
 RT: 9.51 min Scan# 1126
 Delta R.T. -0.07 min
 Lab File: BM026297.D
 Acq: 08 Jun 2020 21:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	112.4	152.4
77	105.9	89.8	129.8





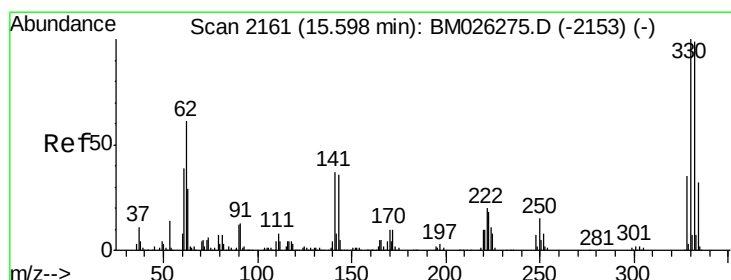
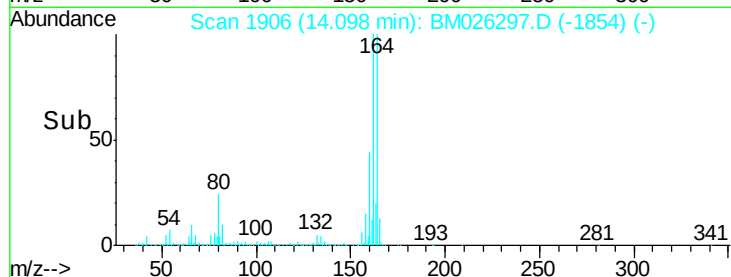
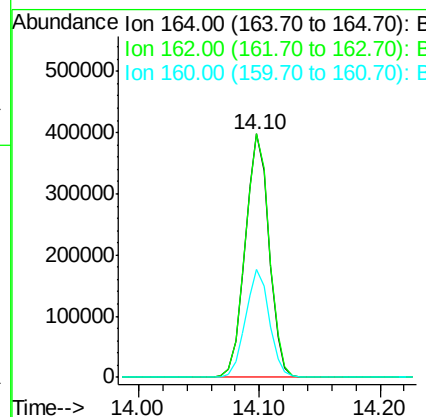
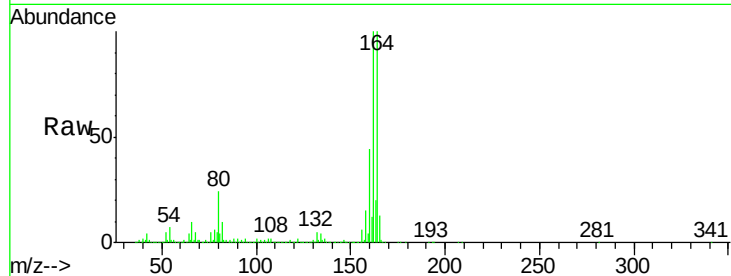
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Instrument :
BNA_M
ClientSampleId :
CHRT-24245RE

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	81.4	122.2	
160	44.2	36.4	54.6	

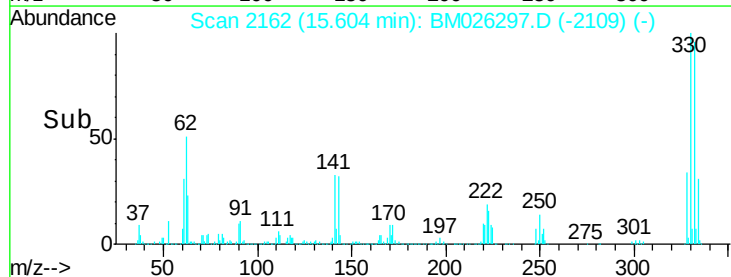
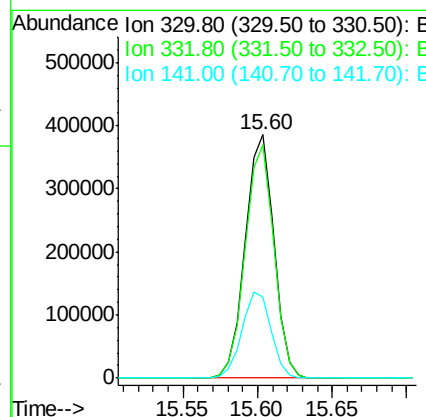
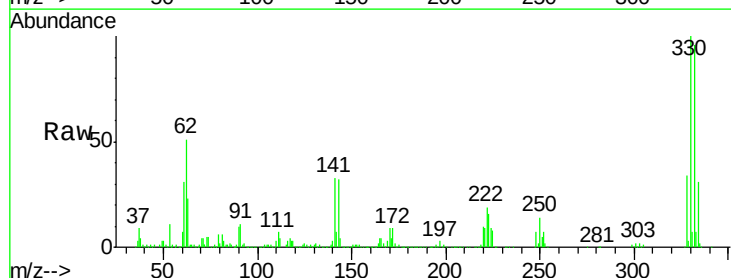
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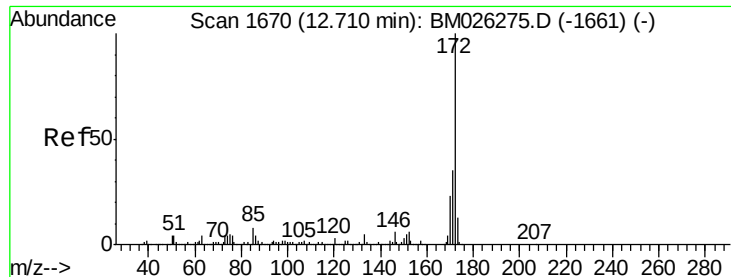
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#42
2,4,6-Tribromophenol
Concen: 77.411 ng
RT: 15.60 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	78.1	117.1	
141	35.9	30.0	45.0	





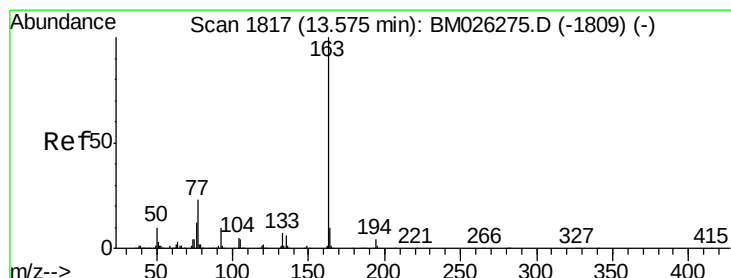
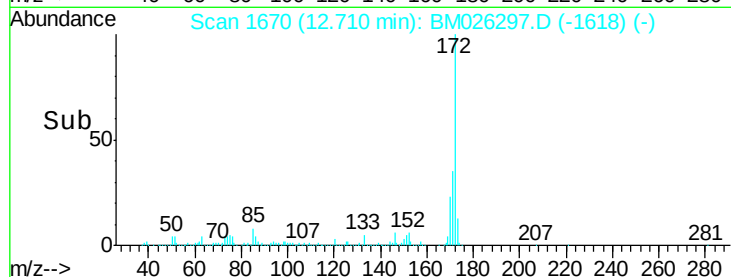
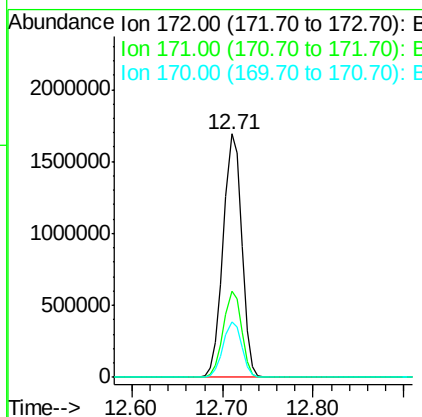
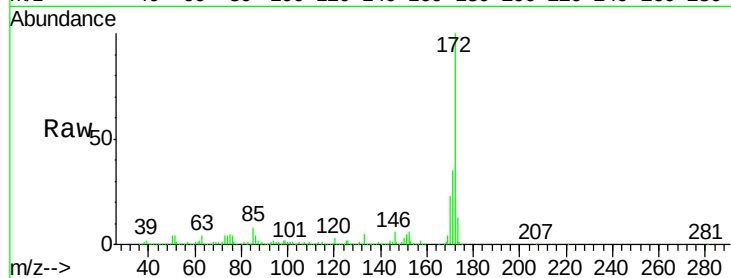
#45
2-Fluorobiphenyl
Concen: 66.351 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Instrument :
BNA_M
ClientSampleId :
CHRT-24245RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	22.9	18.3	27.5

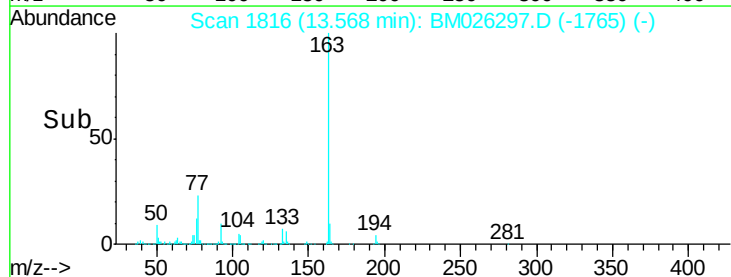
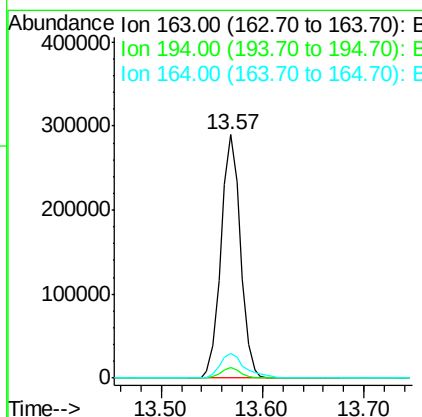
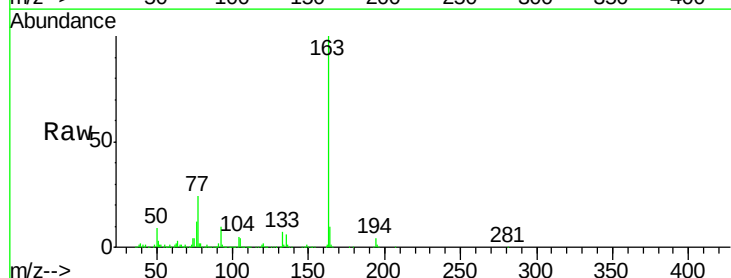
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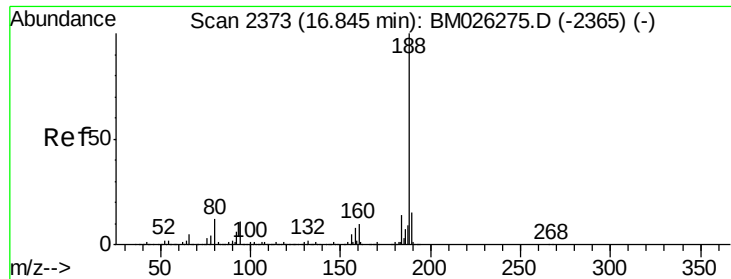
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#50
Dimethylphthalate
Concen: 9.621 ng
RT: 13.57 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.0	12.0





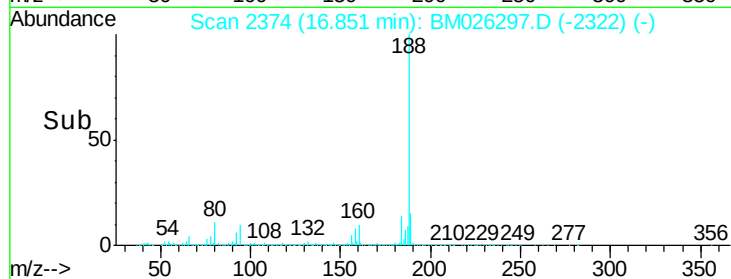
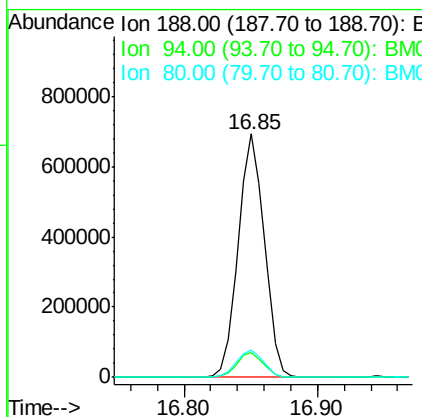
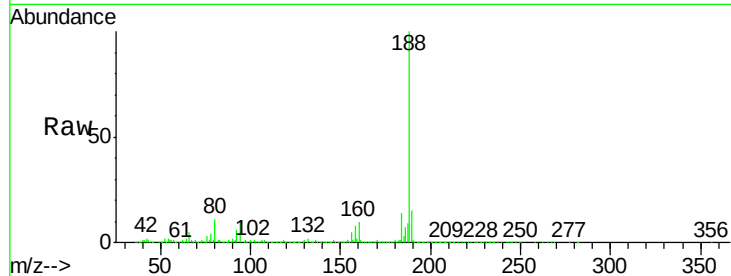
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.01 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Instrument :
BNA_M
ClientSampleId :
CHRT-24245RE

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	8.6	12.8
80	11.1	9.7	14.5

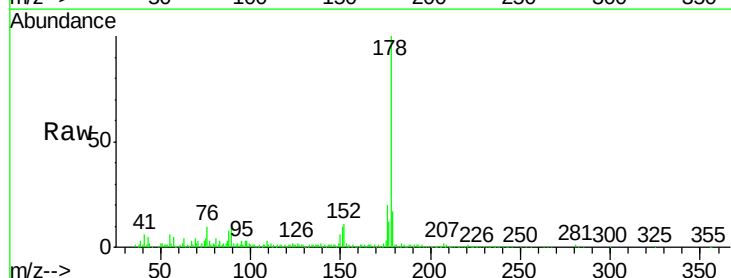
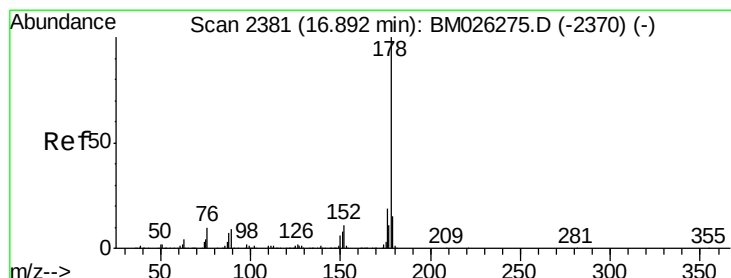
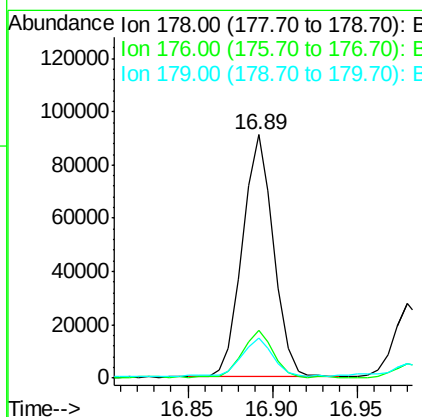
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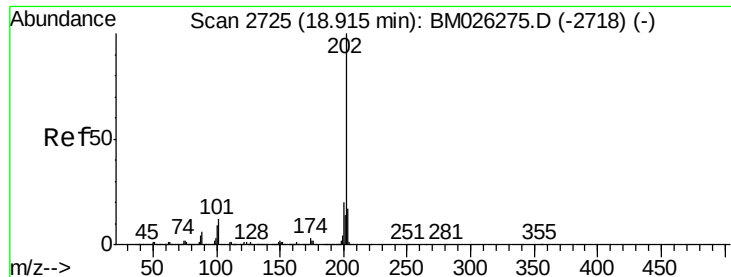
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#71
Phenanthrene
Concen: 2.390 ng
RT: 16.89 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.5	14.9	22.3
179	16.7	12.0	18.0





#75

Fluoranthene

Concen: 7.946 ng

RT: 18.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM026297.D

Acq: 08 Jun 2020 21:22

Instrument :

BNA_M

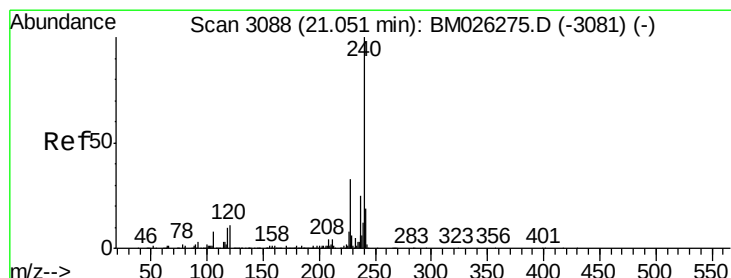
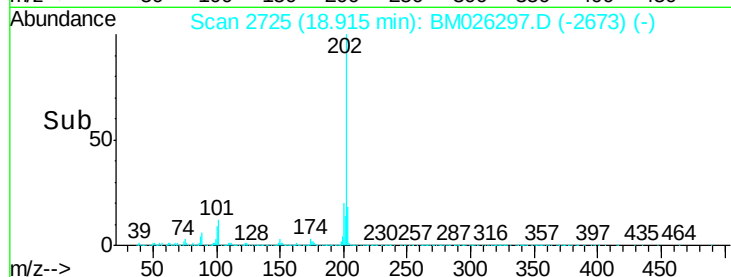
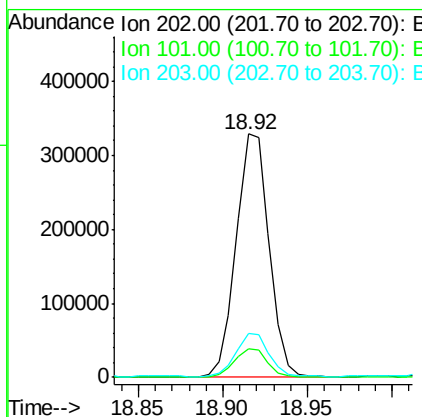
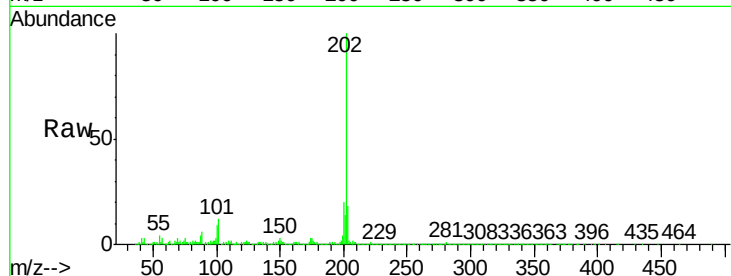
ClientSampleId :

CHRT-24245RE

Tot Ion	Ratio	Resp	Lower	Upper
202	100	444846		
101	11.7	0.0	31.6	
203	18.2	0.0	37.4	

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#76

Chrysene-d12

Concen: 20.000 ng

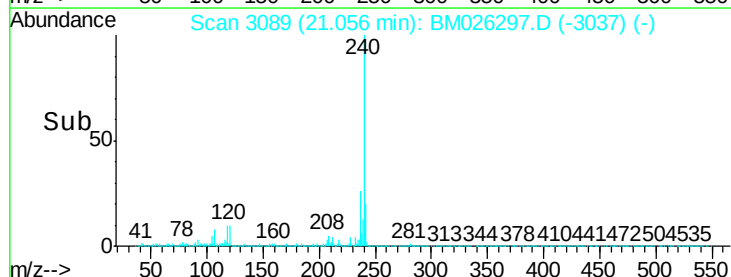
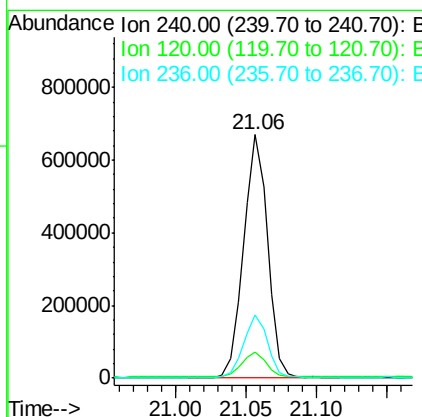
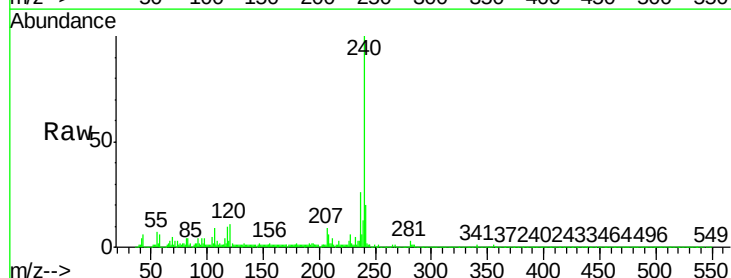
RT: 21.06 min Scan# 3089

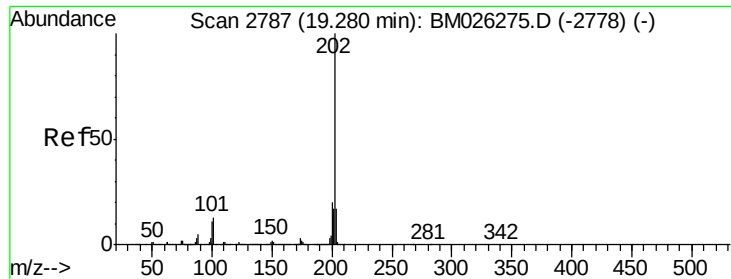
Delta R.T. 0.01 min

Lab File: BM026297.D

Acq: 08 Jun 2020 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	790837		
120	10.9	8.9	13.3	
236	26.1	19.7	29.5	





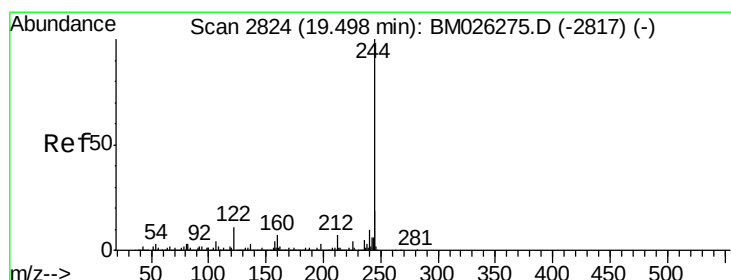
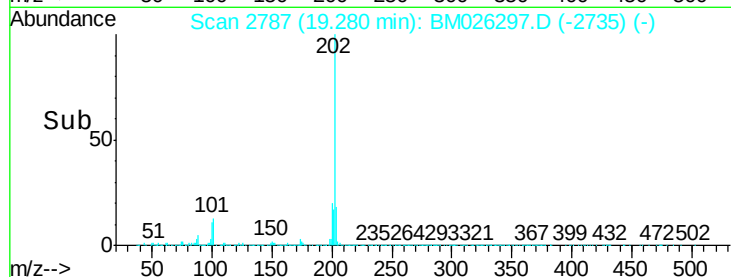
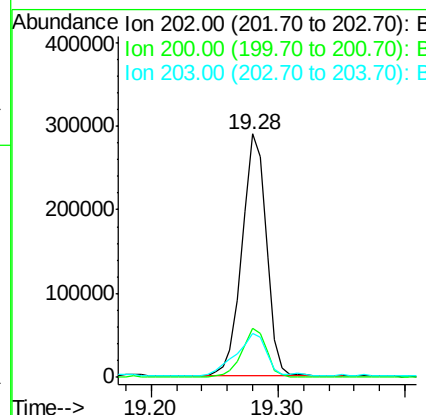
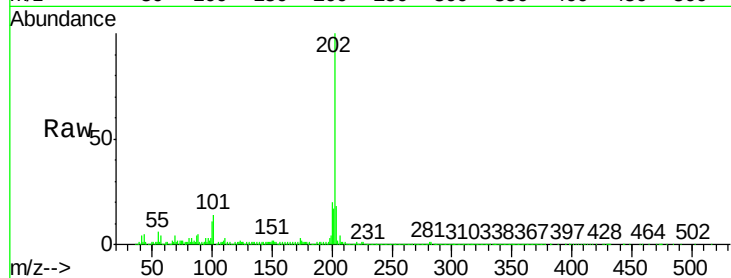
#78
Pvrene
Concen: 7.354 ng
RT: 19.28 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Instrument :
BNA_M
ClientSampled :
CHRT-24245RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	16.2	24.4
203	18.2	13.8	20.8

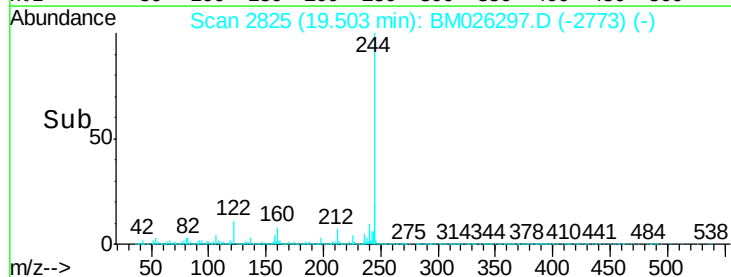
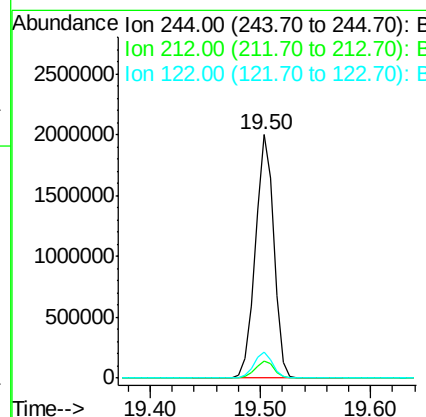
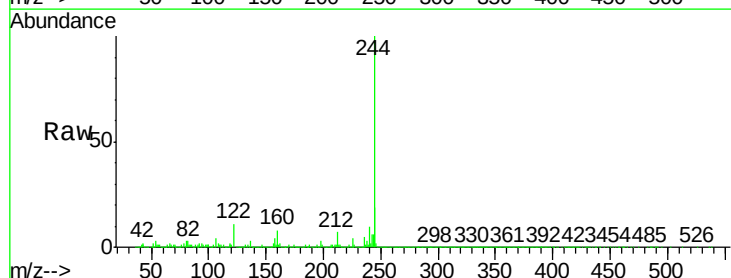
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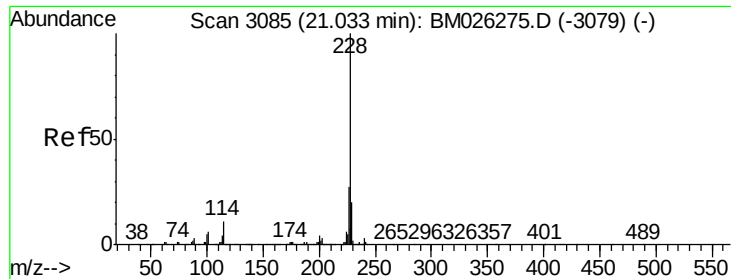
mohammad
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#79
Terphenyl-d14
Concen: 57.674 ng
RT: 19.50 min Scan# 2825
Delta R.T. 0.01 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.7	9.1	13.7





#81

Benzo(a)anthracene

Concen: 4.651 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM026297.D

Acq: 08 Jun 2020 21:22

Instrument :

BNA_M

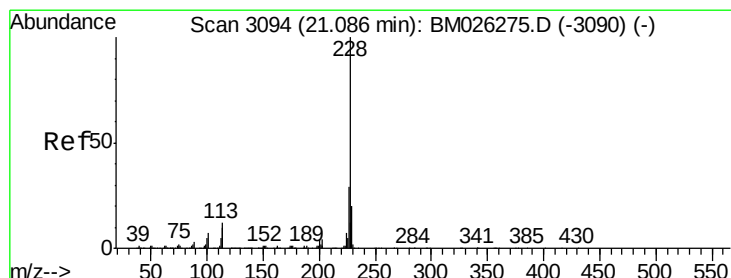
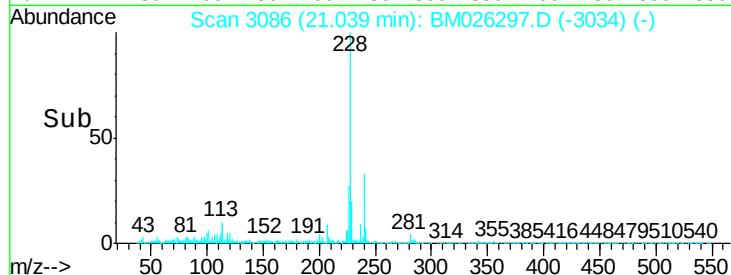
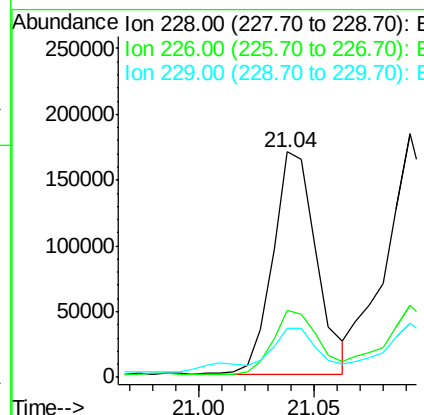
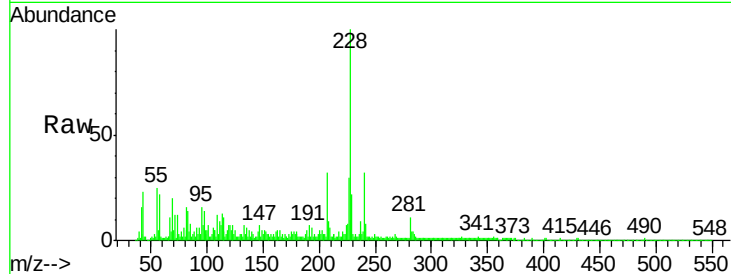
ClientSampleId :

CHRT-24245RE

Tot Ion:	228	Resp:	220804
Ion Ratio	Lower	Upper	
228	100		
226	29.7	21.7	32.5
229	21.9	15.9	23.9

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#83

Chrysene

Concen: 5.471 ng

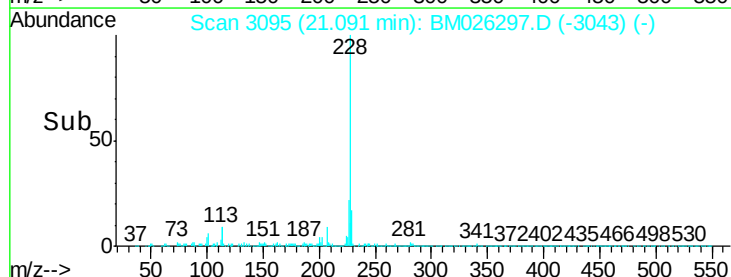
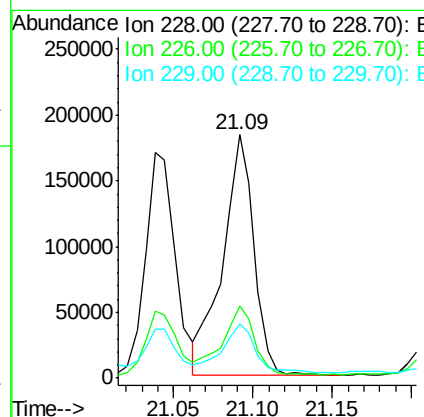
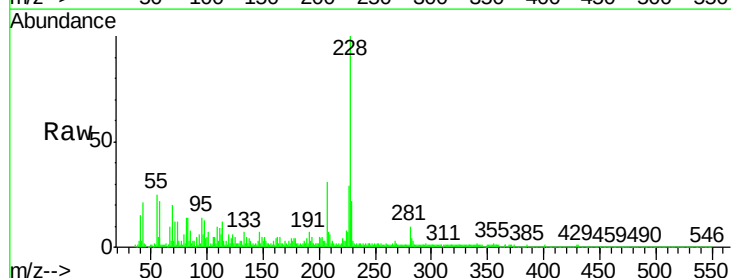
RT: 21.09 min Scan# 3095

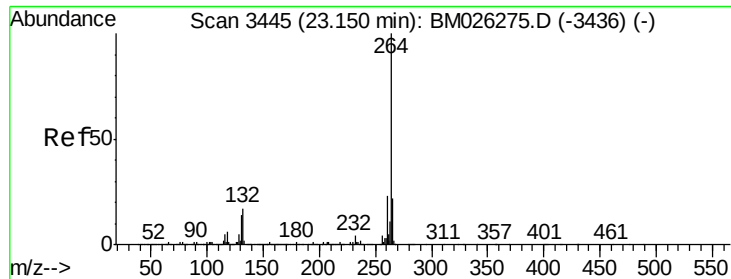
Delta R.T. 0.01 min

Lab File: BM026297.D

Acq: 08 Jun 2020 21:22

Tgt Ion:	228	Resp:	247489
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.5	35.3
229	22.0	15.8	23.6





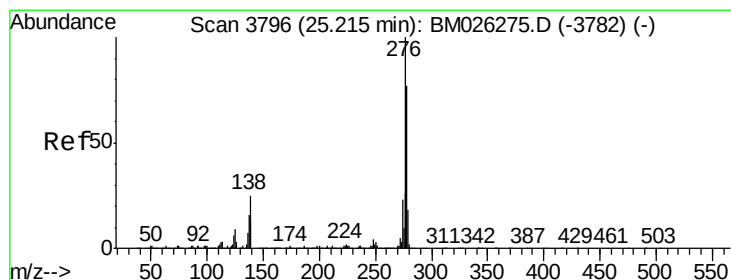
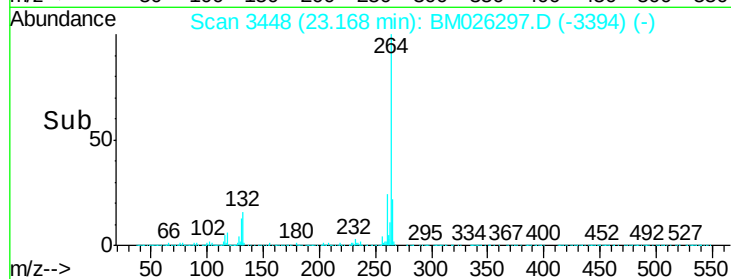
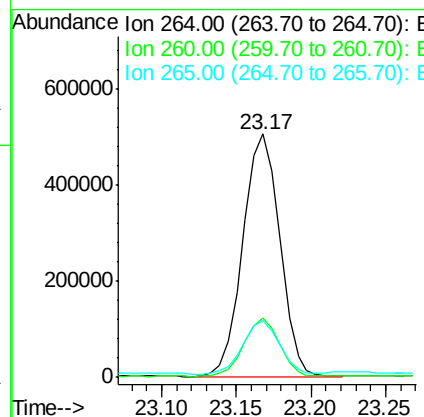
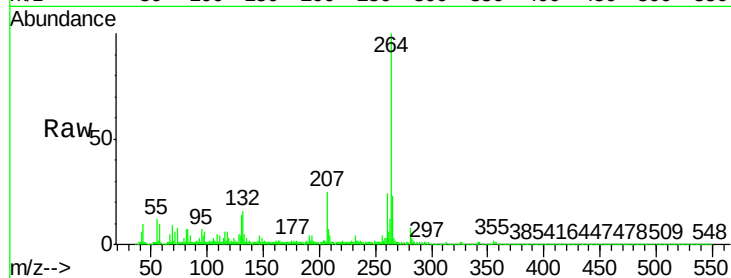
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.17 min Scan# 3448
Delta R.T. 0.02 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Instrument :
BNA_M
ClientSampleId :
CHRT-24245RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	23.1	18.2	27.2

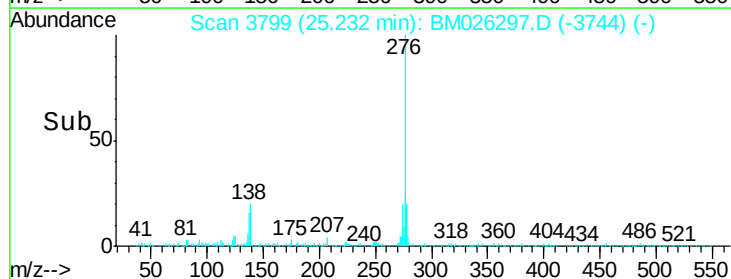
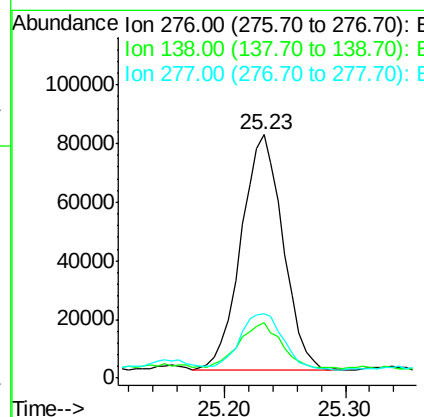
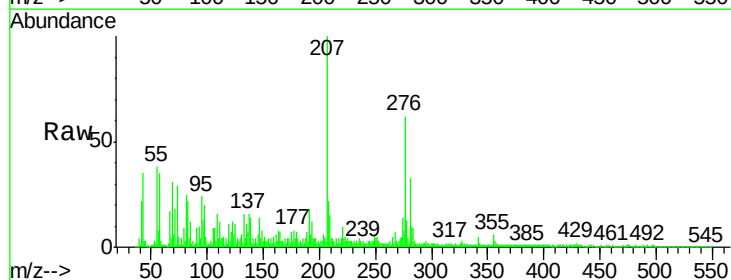
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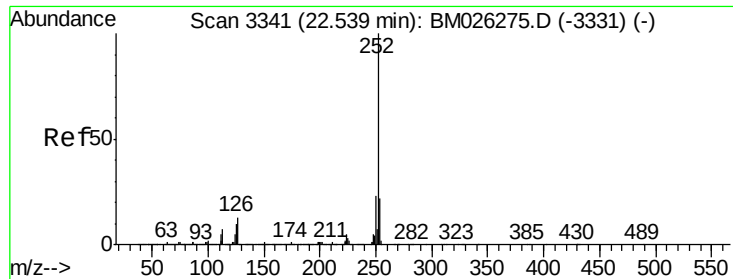
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.872 ng
RT: 25.23 min Scan# 3799
Delta R.T. 0.02 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	19.8	29.8
277	25.5	20.2	30.2





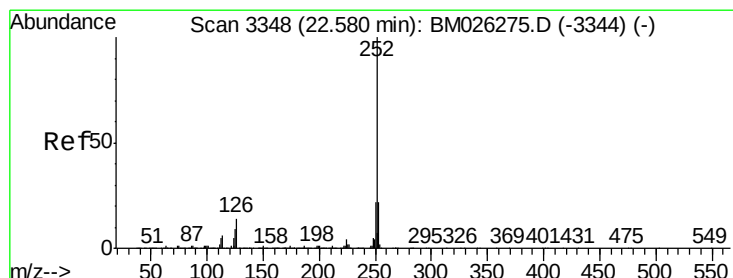
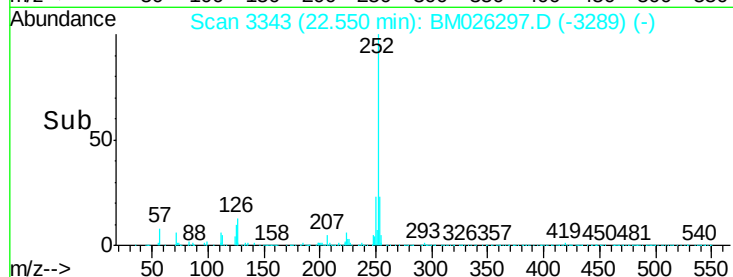
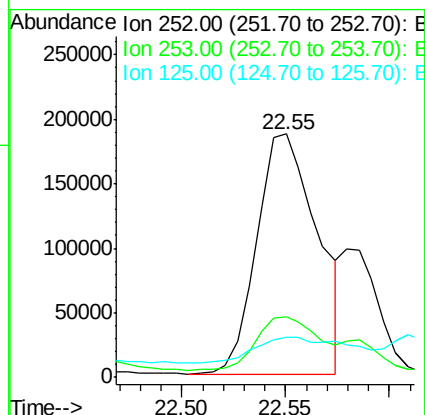
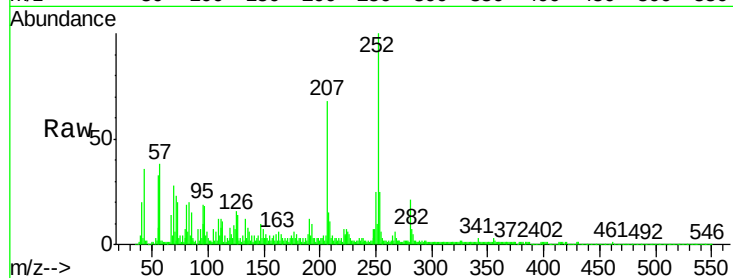
#88
Benzo(b)fluoranthene
Concen: 7.288 ng m
RT: 22.55 min Scan# 3343
Delta R.T. 0.02 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Instrument :
BNA_M
ClientSampleId :
CHRT-24245RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.6	26.4
125	16.3	7.9	11.9#

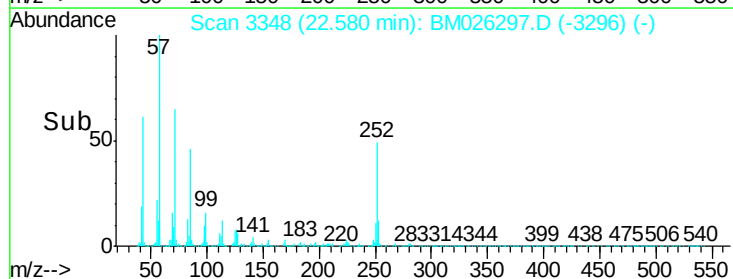
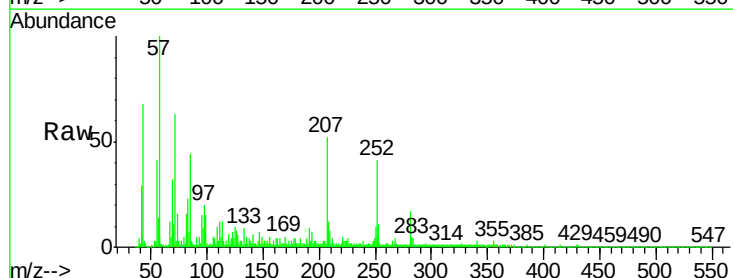
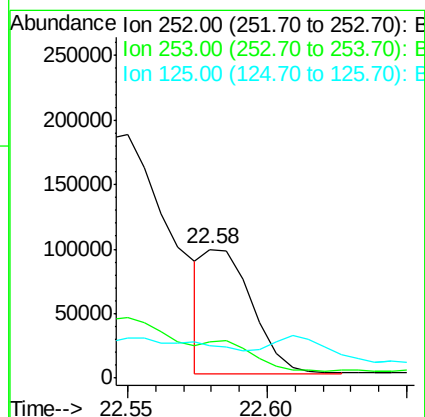
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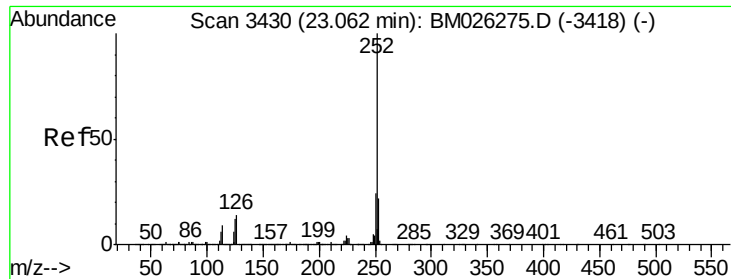
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#89
Benzo(k)fluoranthene
Concen: 2.276 ng m
RT: 22.58 min Scan# 3348
Delta R.T. 0.01 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.3	25.9#
125	25.0	7.8	11.6#





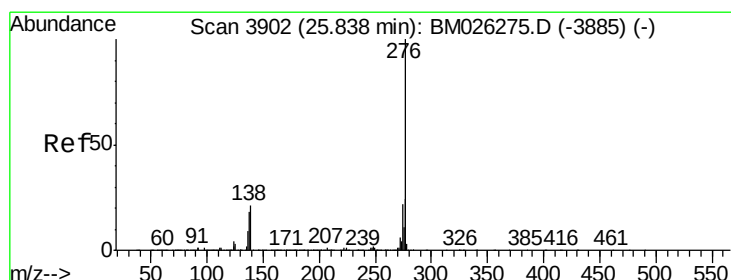
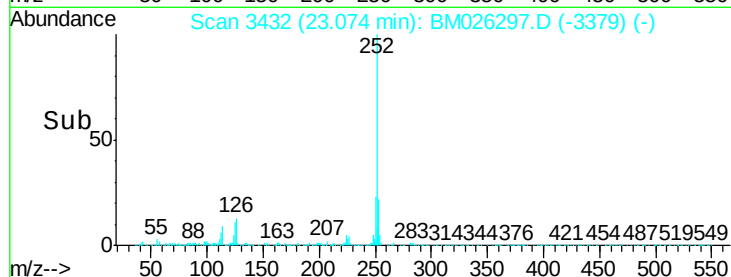
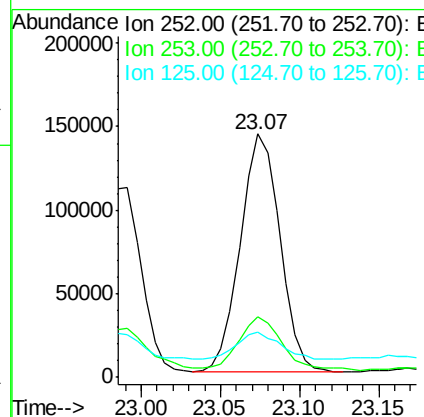
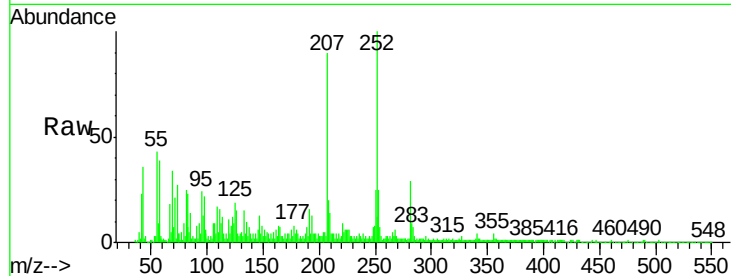
#90
Benzo(a)pyrene
Concen: 5.329 ng
RT: 23.07 min Scan# 3432
Delta R.T. 0.01 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Instrument :
BNA_M
ClientSampleId :
CHRT-24245RE

Tot Ion:	252	Resp:	247264
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.5	26.3
125	18.7	9.4	14.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.932 ng
RT: 25.86 min Scan# 3906
Delta R.T. 0.03 min
Lab File: BM026297.D
Acq: 08 Jun 2020 21:22

Tgt Ion:	276	Resp:	196843
Ion Ratio	Lower	Upper	
276	100		
277	27.1	19.3	28.9
138	22.5	16.5	24.7

