

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026851.D
 Acq On : 23 Jul 2020 15:04
 Operator : JU/CG
 Sample : L3184-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-03-072020

Manual Integrations
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 7/24/2020 12:16:24 PM

Quant Time: Jul 23 15:45:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	94040	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	358550	20.00	ng	-0.02
39) Acenaphthene-d10	13.95	164	203540	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	416166	20.00	ng	-0.01
76) Chrysene-d12	20.94	240	453178	20.00	ng	0.00
86) Perylene-d12	23.01	264	481957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	512734	91.39	ng	-0.02
7) Phenol-d6	6.50	99	670944	75.06	ng	-0.02
23) Nitrobenzene-d5	8.42	82	459126	54.63	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	223793	75.48	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	849811	55.51	ng	-0.02
79) Terphenyl-d14	19.38	244	1183358	51.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.42	163	108441	6.229	ng	98
71) Phenanthrene	16.75	178	193473	7.875	ng	100
72) Anthracene	16.84	178	66013	2.699	ng	97
75) Fluoranthene	18.78	202	380967	12.590	ng	97
78) Pyrene	19.15	202	373426	13.081	ng	98
81) Benzo(a)anthracene	20.92	228	191819	6.301	ng	94
83) Chrysene	20.98	228	177136m	5.979	ng	
87) Indeno(1,2,3-cd)pyrene	25.01	276	126595	3.690	ng	96
88) Benzo(b)fluoranthene	22.41	252	252305m	7.945	ng	
89) Benzo(k)fluoranthene	22.45	252	84310m	2.707	ng	
90) Benzo(a)pyrene	22.92	252	189475	6.427	ng	# 84
92) Benzo(a,h,i)perylene	25.61	276	128713	4.823	ng	# 86

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

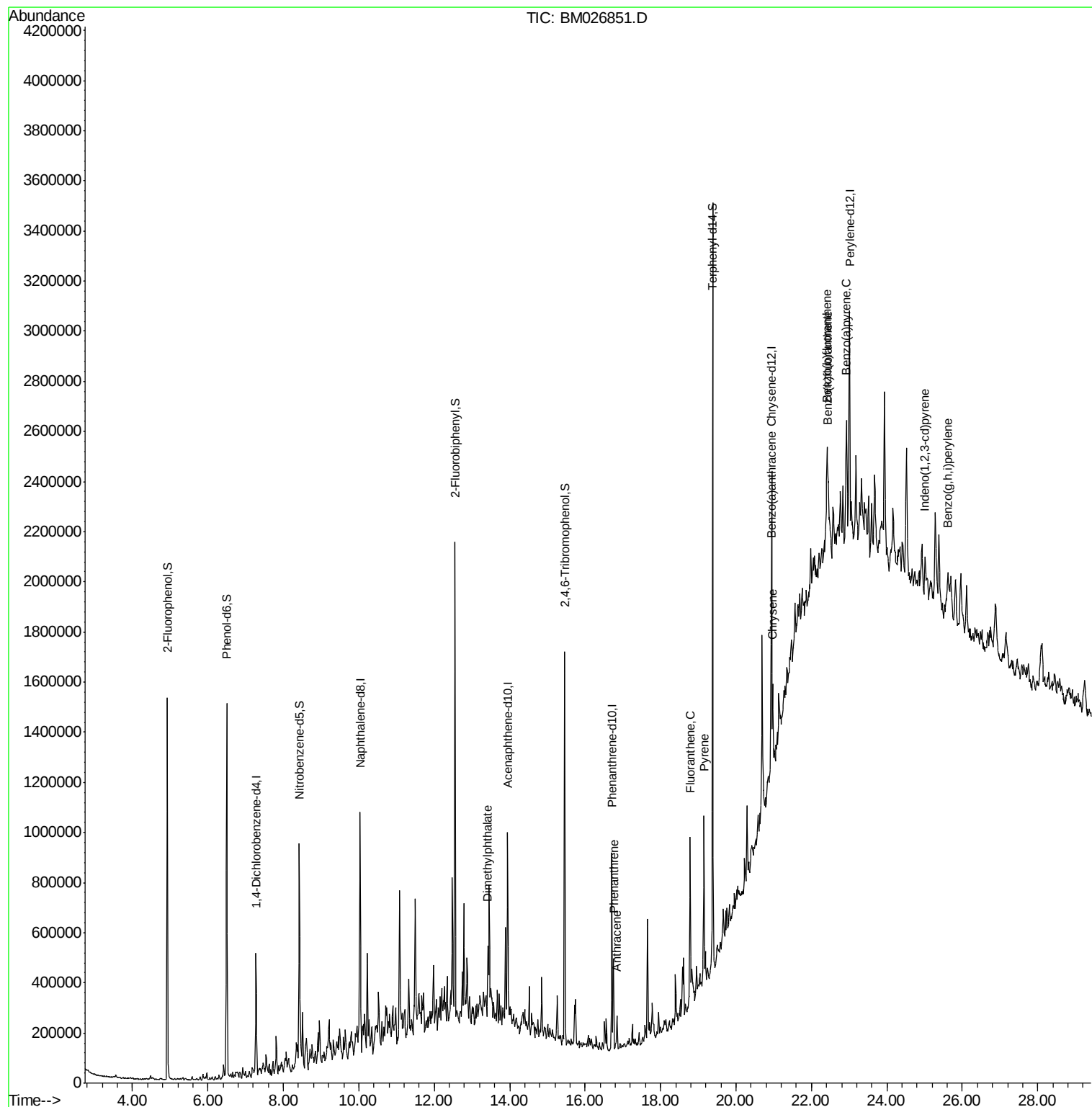
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026851.D
Acq On : 23 Jul 2020 15:04
Operator : JU/CG
Sample : L3184-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

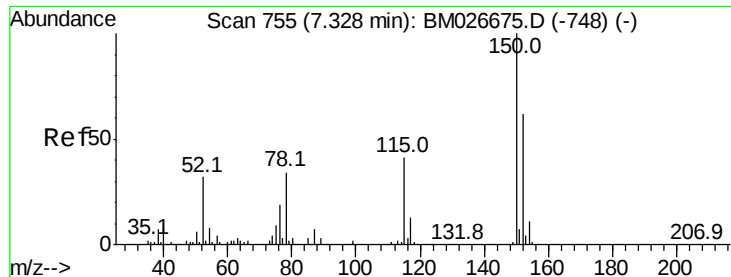
Instrument :
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Quant Time: Jul 23 15:45:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

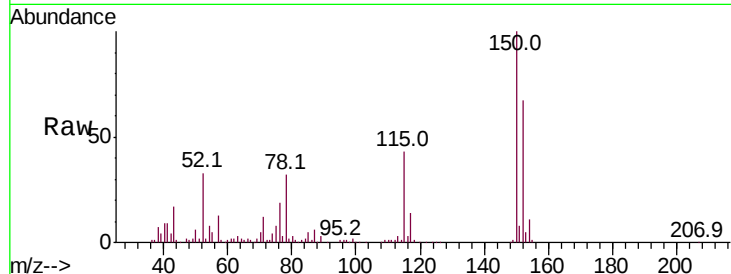
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :
EO-03-072020

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	128.1	192.1
115	63.3	52.2	78.4

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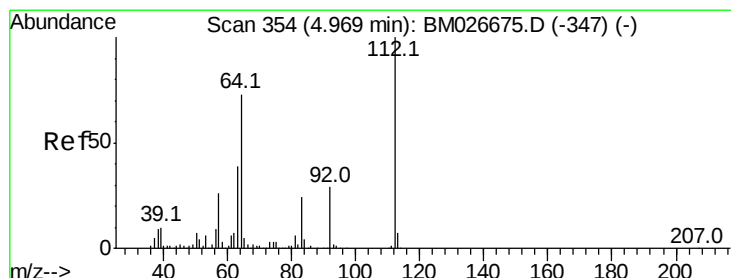
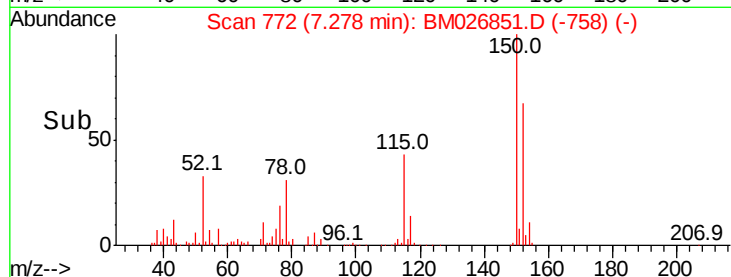
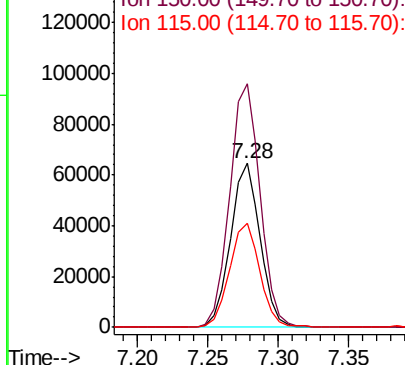


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

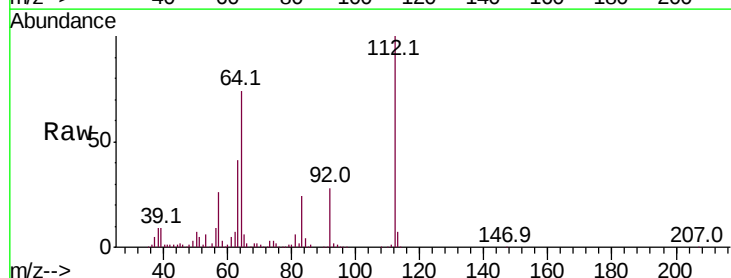
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.386 ng
RT: 4.92 min Scan# 371
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.6	58.4	87.6
63	40.6	31.5	47.3

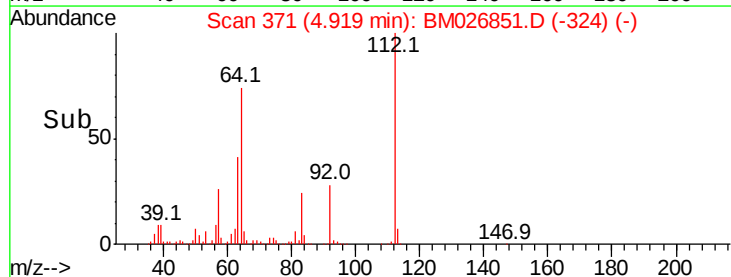
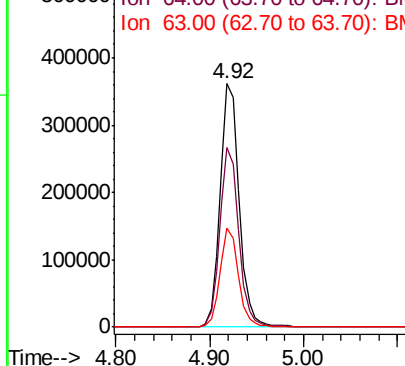


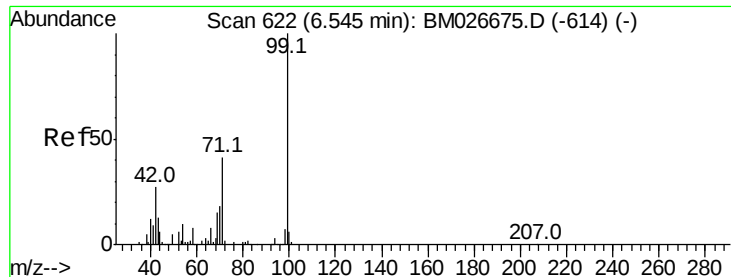
Abundance

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: 75.056 ng

RT: 6.50 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM026851.D

Acq: 23 Jul 2020 15:04

Instrument :

BNA_M

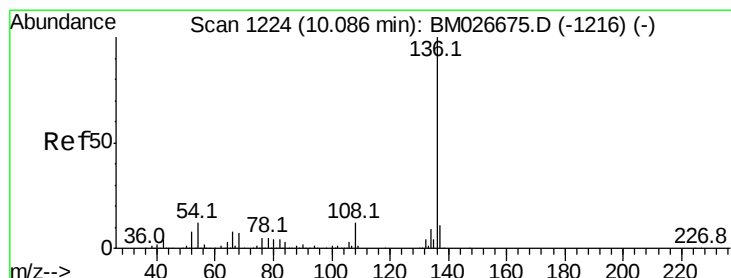
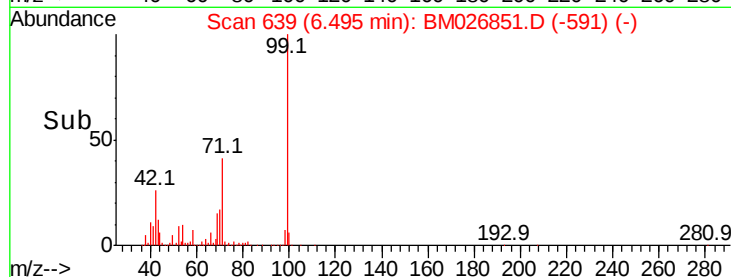
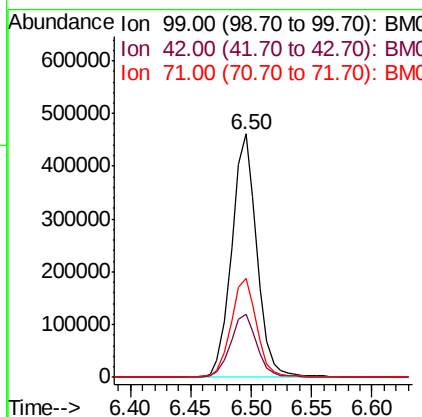
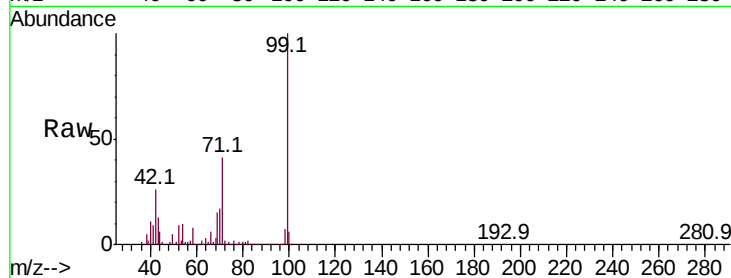
ClientSampleId :

EO-03-072020

Tot Ion:	99	Resp:	670944
Ion	Ratio	Lower	Upper
99	100		
42	26.0	21.7	32.5
71	40.6	33.2	49.8

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#21

Naphthalene-d8

Concen: 20.000 ng

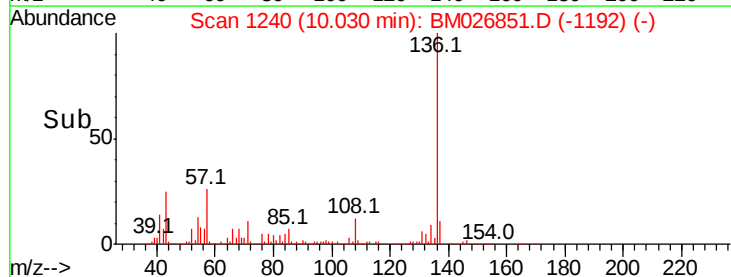
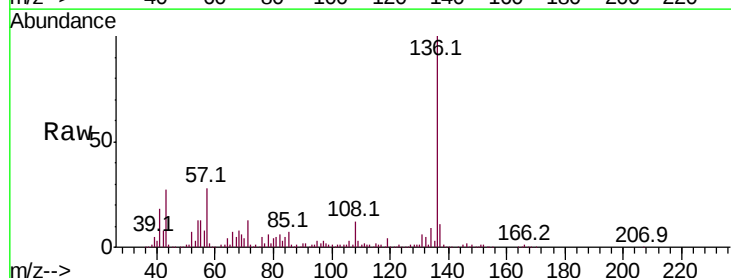
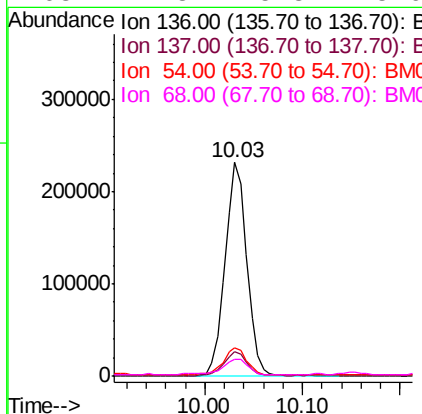
RT: 10.03 min Scan# 1240

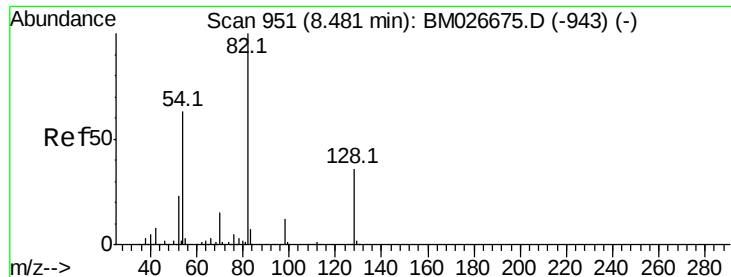
Delta R.T. -0.02 min

Lab File: BM026851.D

Acq: 23 Jul 2020 15:04

Tgt Ion:	136	Resp:	358550
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	13.0	9.8	14.6
68	7.8	5.8	8.6





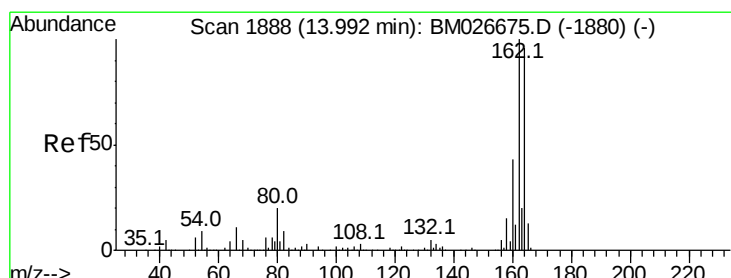
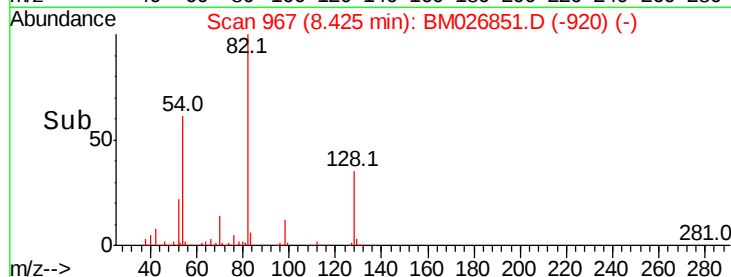
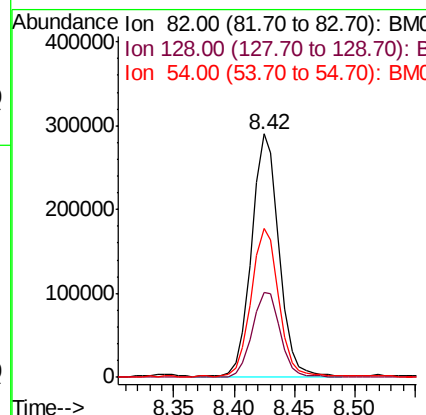
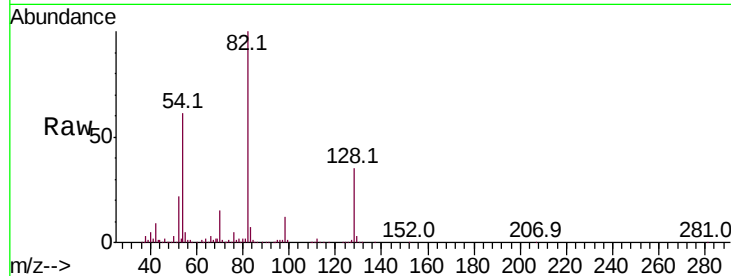
#23
Nitrobenzene-d5
Concen: 54.630 ng
RT: 8.42 min Scan# 967
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :
EO-03-072020

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.1	43.7
54	61.1	50.2	75.4

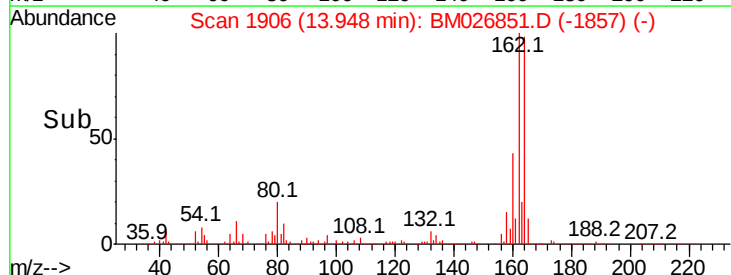
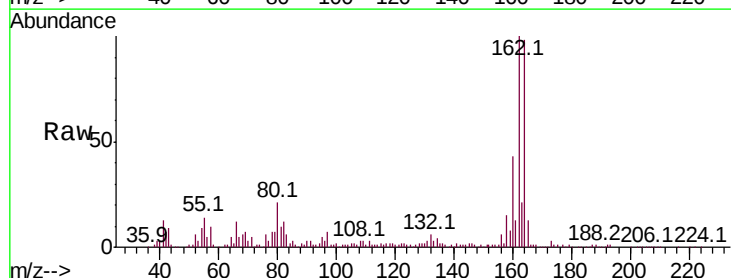
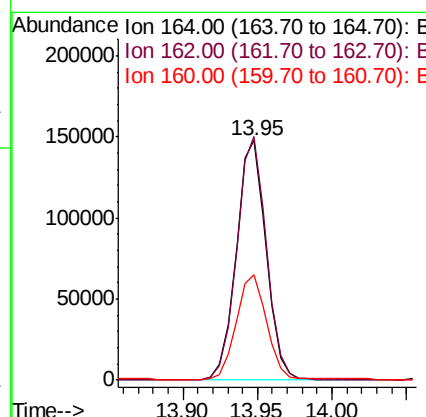
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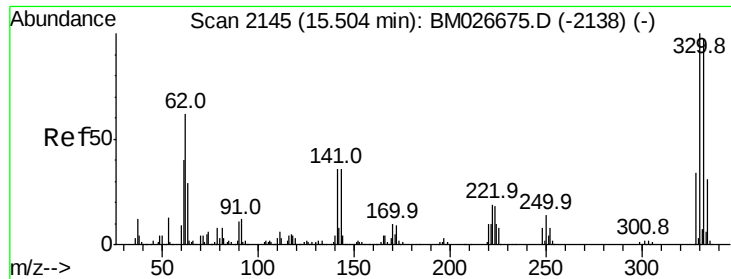
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.7	125.5
160	44.1	36.2	54.2





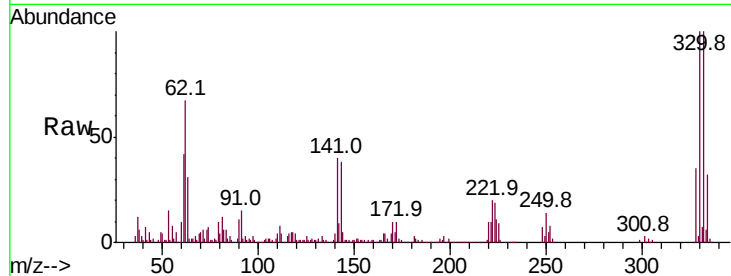
#42
 2,4,6-Tribromophenol
 Concen: 75.479 ng
 RT: 15.46 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BM026851.D
 Acq: 23 Jul 2020 15:04

Instrument :
 BNA_M
 ClientSampleId :
 EO-03-072020

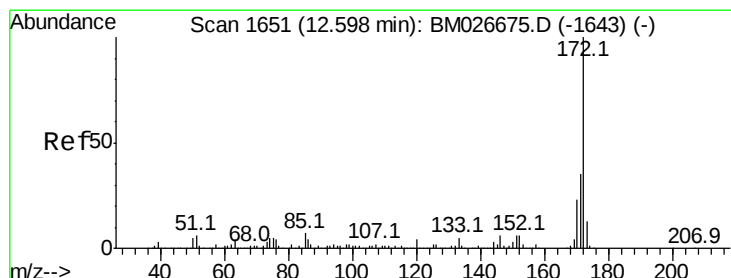
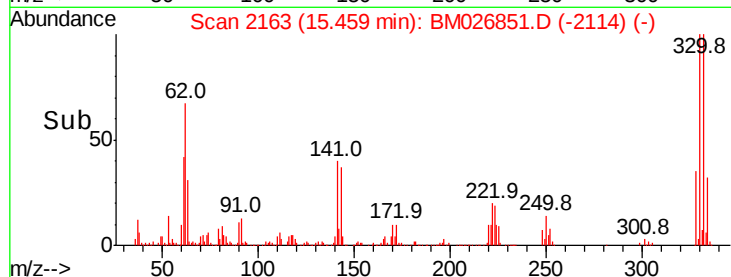
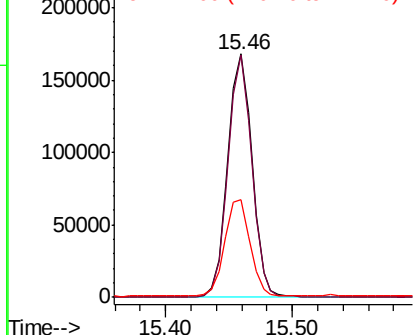
Tot Ion	Ratio	Resp	Lower	Upper
330	100	223793		
332	97.2		77.5	116.3
141	40.9		32.4	48.6

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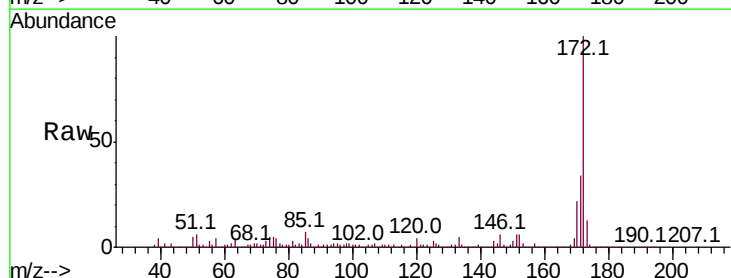


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

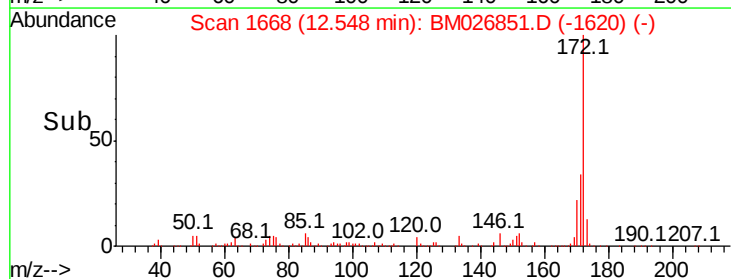
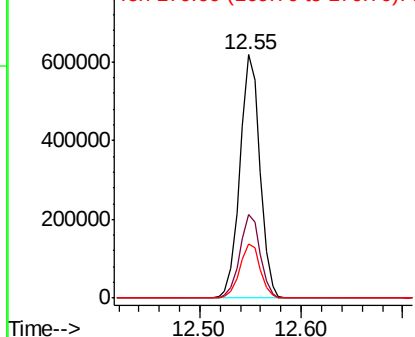


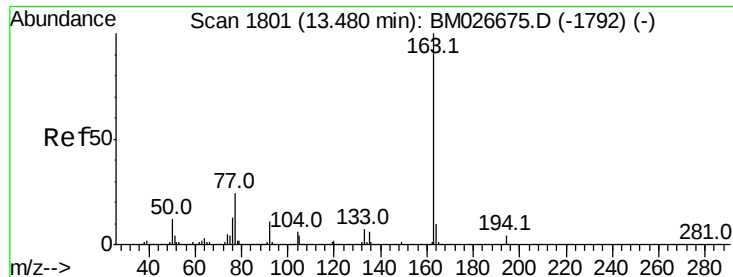
#45
 2-Fluorobiphenyl
 Concen: 55.514 ng
 RT: 12.55 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM026851.D
 Acq: 23 Jul 2020 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	849811		
171	34.5		27.8	41.6
170	22.4		18.5	27.7



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





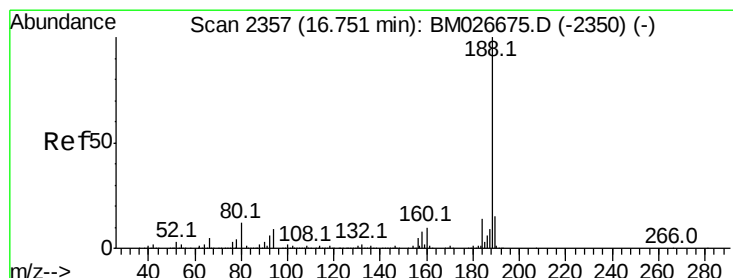
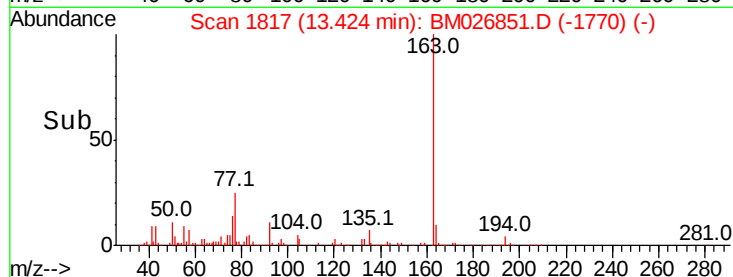
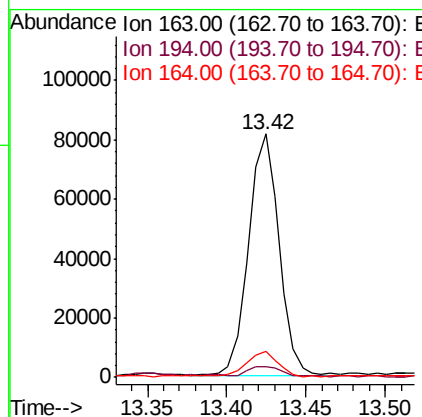
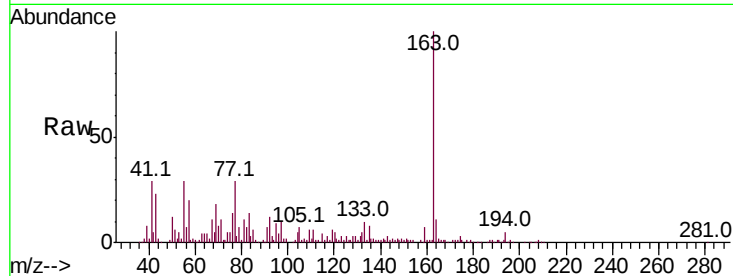
#50
Dimethylphthalate
Concen: 6.229 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampled :
EO-03-072020

Tot Ion	Ratio	Resp	Lower	Upper
163	100	108441		
194	4.6	3.4	5.2	
164	10.5	7.8	11.6	

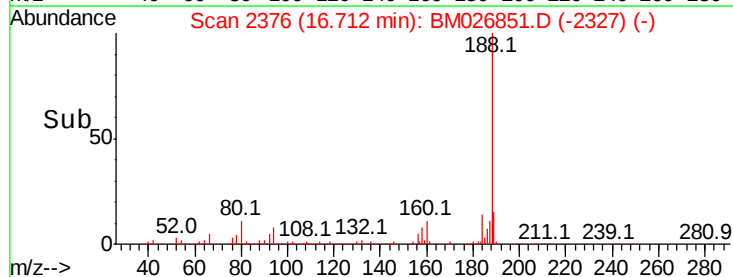
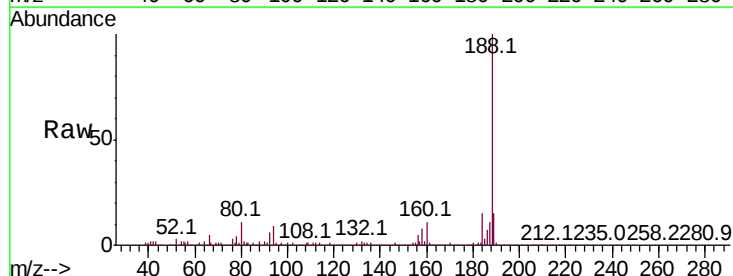
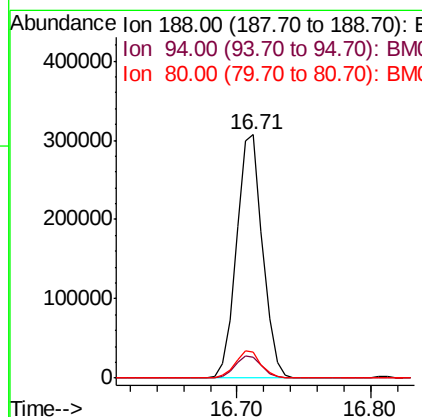
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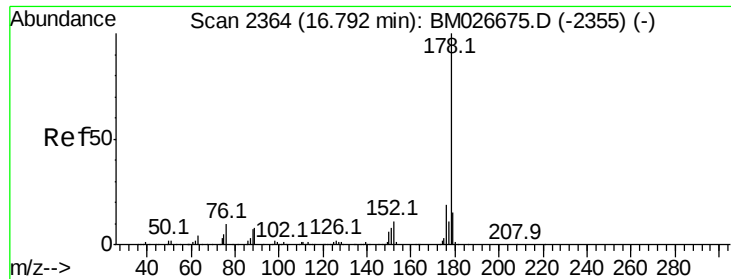
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	416166		
94	8.5	7.4	11.0	
80	10.9	9.3	13.9	





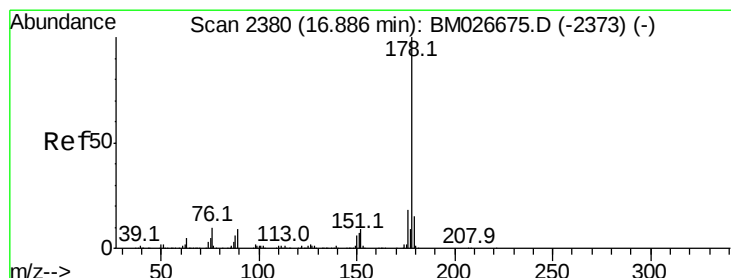
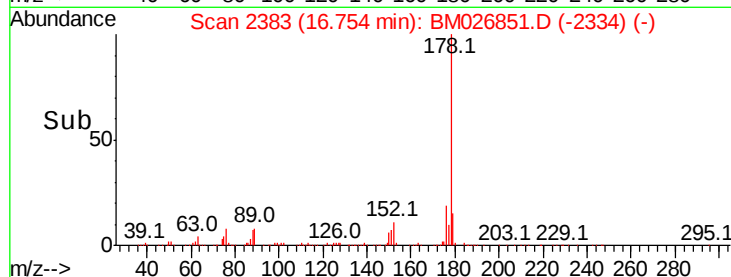
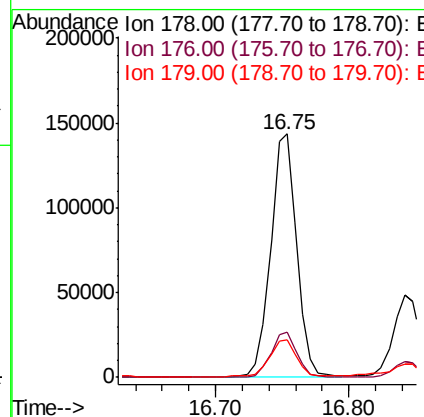
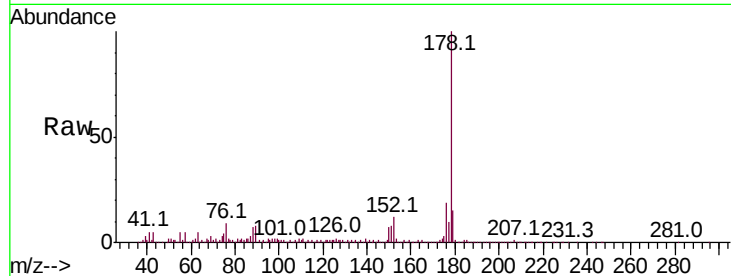
#71
Phenanthrene
Concen: 7.875 ng
RT: 16.75 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :
EO-03-072020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.1	18.1

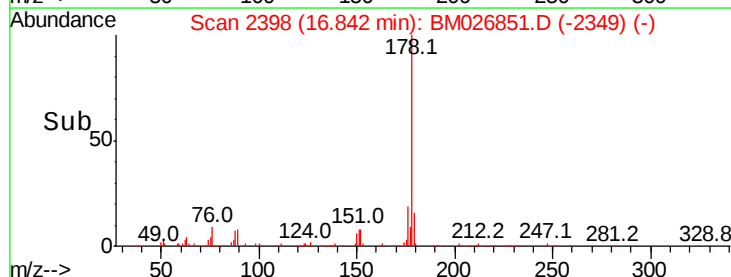
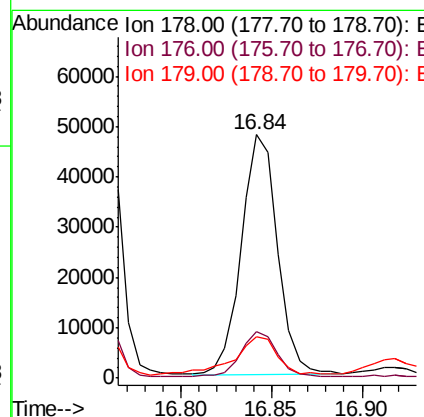
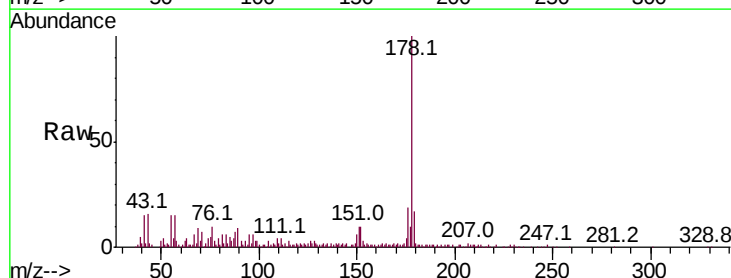
Manual Integrations
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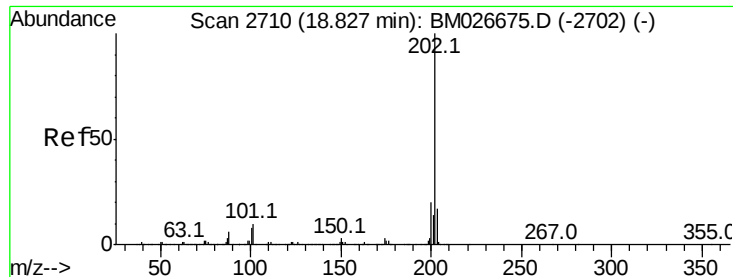
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#72
Anthracene
Concen: 2.699 ng
RT: 16.84 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	16.8	12.1	18.1





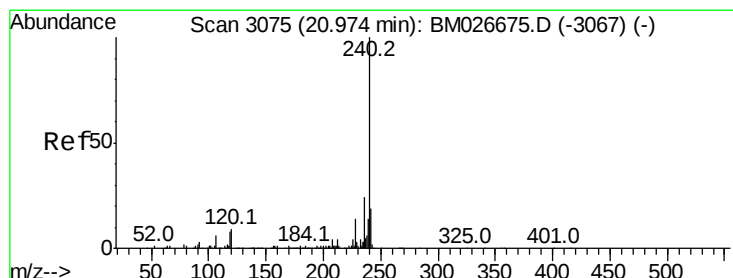
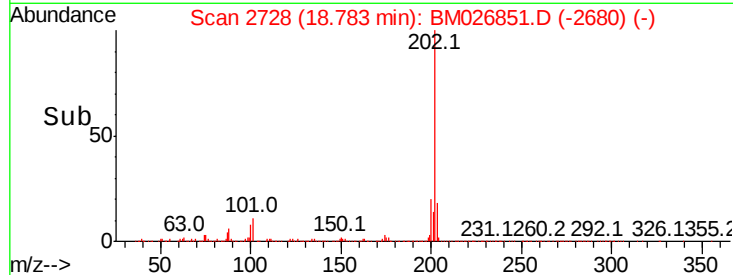
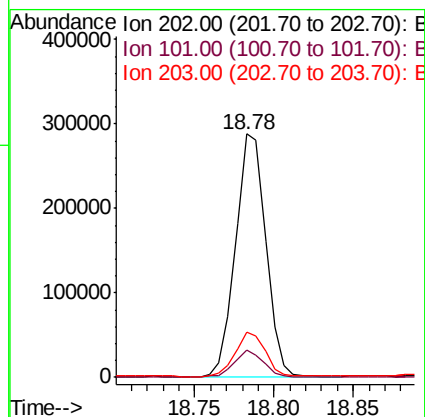
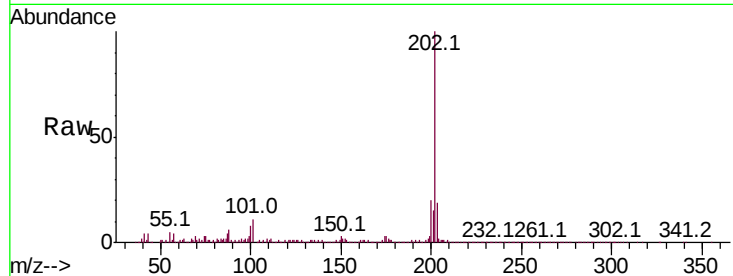
#75
 Fluoranthene
 Concen: 12.590 ng
 RT: 18.78 min Scan# 2728
 Delta R.T. -0.02 min
 Lab File: BM026851.D
 Acq: 23 Jul 2020 15:04

Instrument :
 BNA_M
 ClientSampleId :
 EO-03-072020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	30.1
203	18.7	0.0	37.2

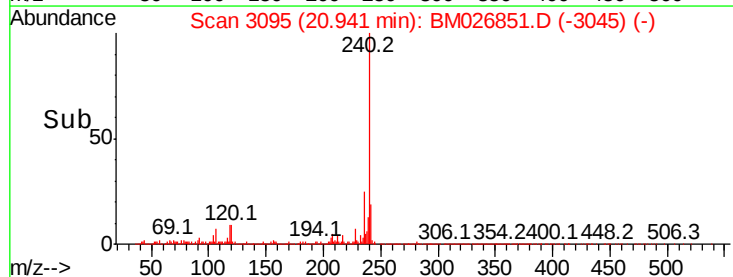
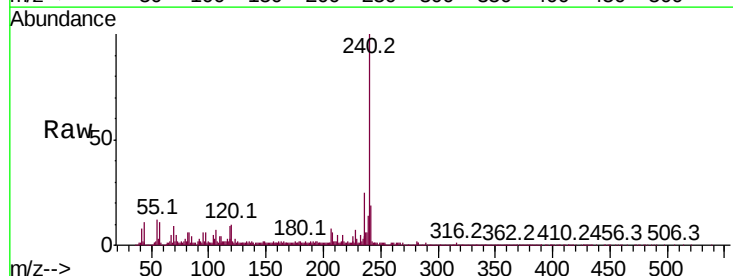
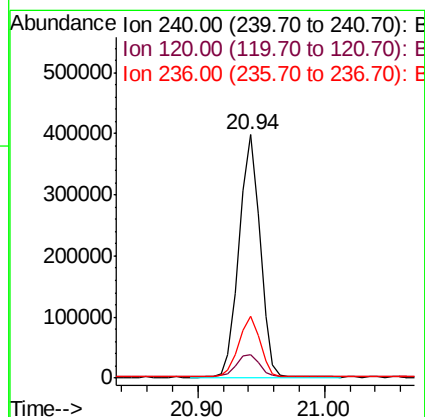
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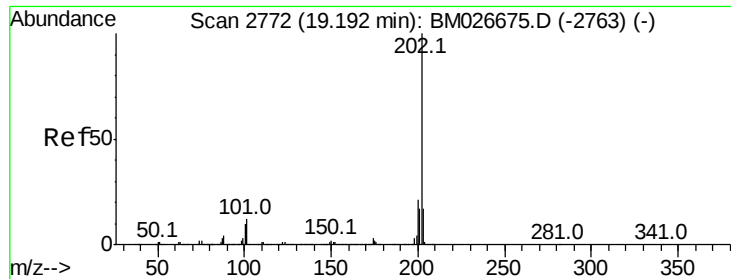
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.94 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM026851.D
 Acq: 23 Jul 2020 15:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	7.3	10.9
236	25.4	19.4	29.2





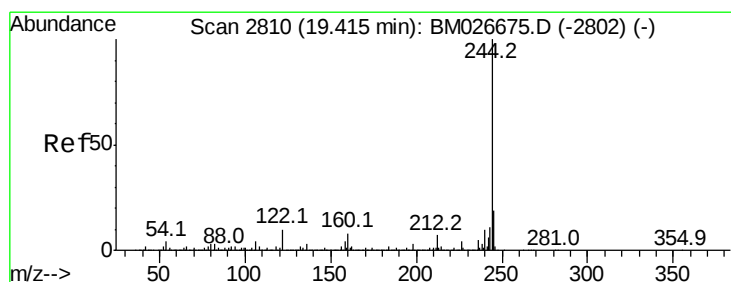
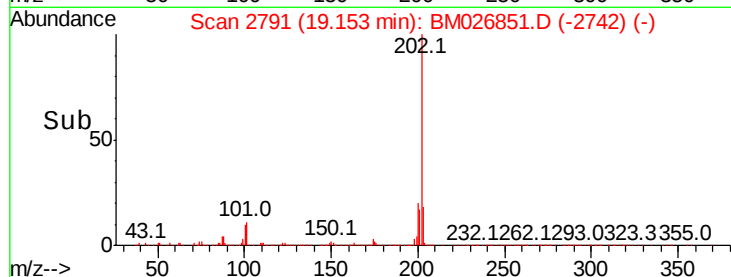
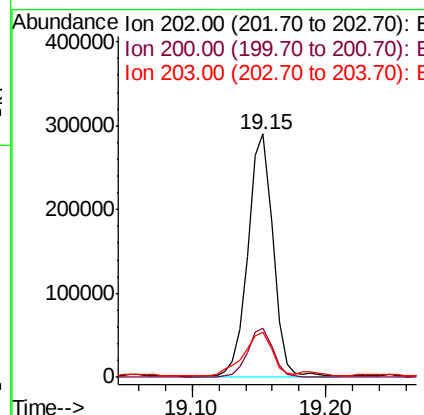
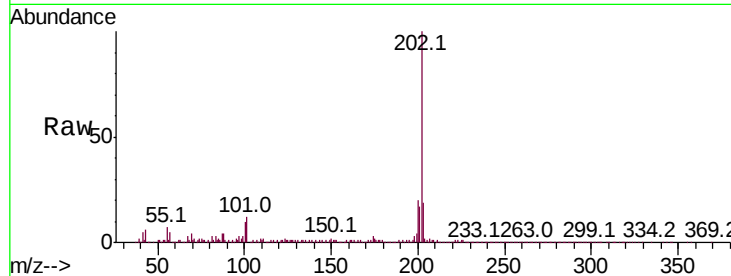
#78
Pvrene
Concen: 13.081 ng
RT: 19.15 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :
EO-03-072020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.6	24.8
203	18.8	13.7	20.5

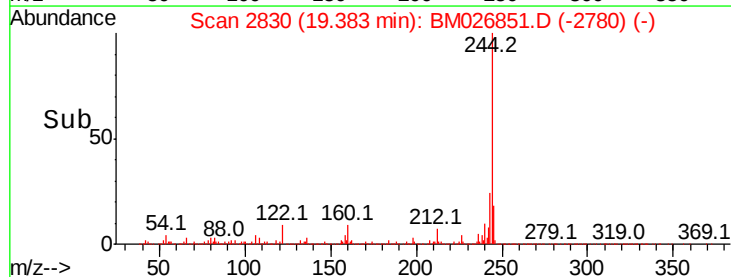
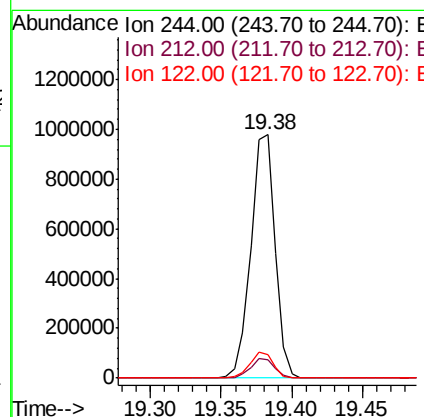
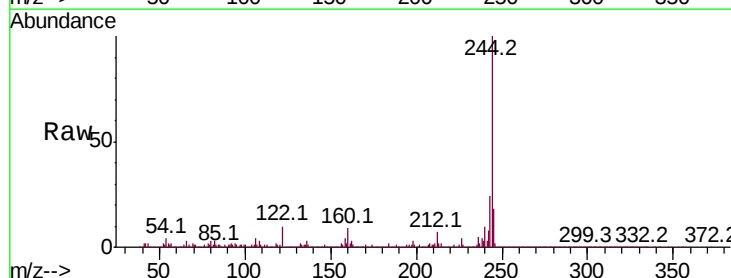
Manual Integrations
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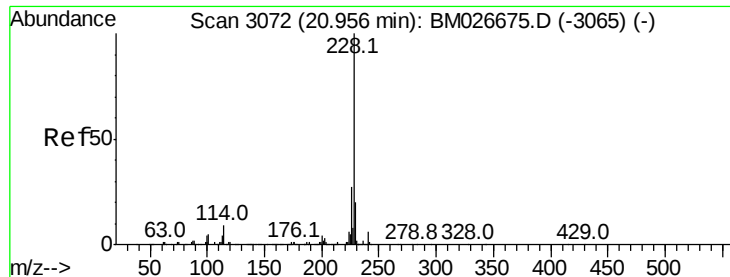
Sohil
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#79
Terphenyl-d14
Concen: 51.390 ng
RT: 19.38 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.6	8.2	12.4





#81

Benzo(a)anthracene

Concen: 6.301 ng

RT: 20.92 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM026851.D

Acq: 23 Jul 2020 15:04

Instrument :

BNA_M

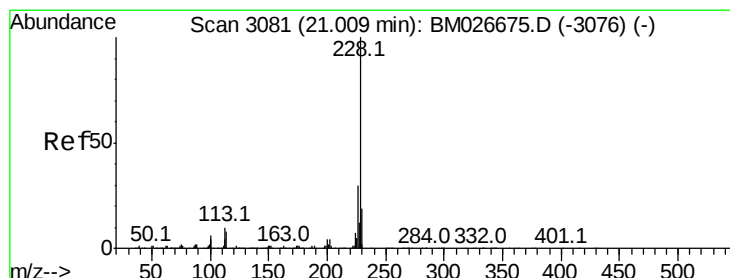
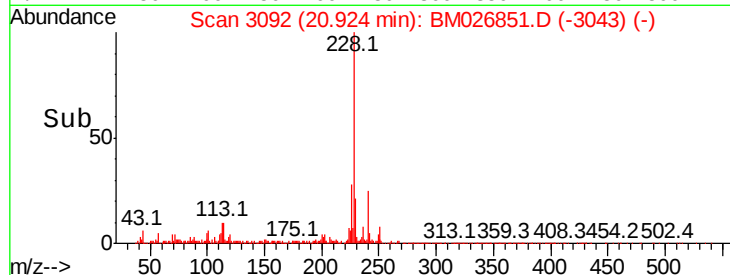
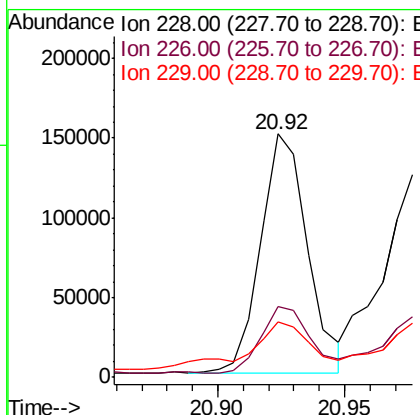
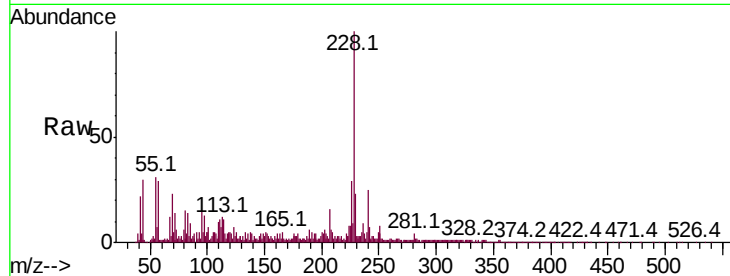
ClientSampleId :

EO-03-072020

Tot Ion:	228	Resp:	191819
Ion Ratio	Lower	Upper	
228	100		
226	29.1	21.4	32.2
229	22.7	15.6	23.4

Manual Integrations
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#83

Chrysene

Concen: 5.979 ng m

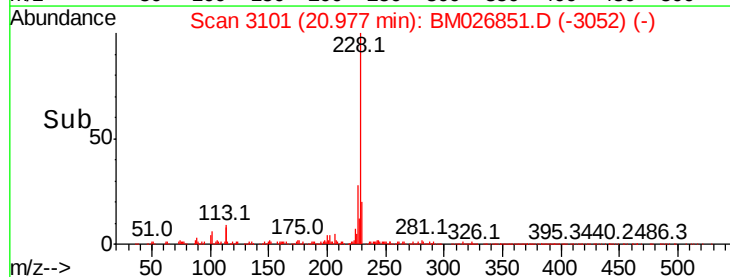
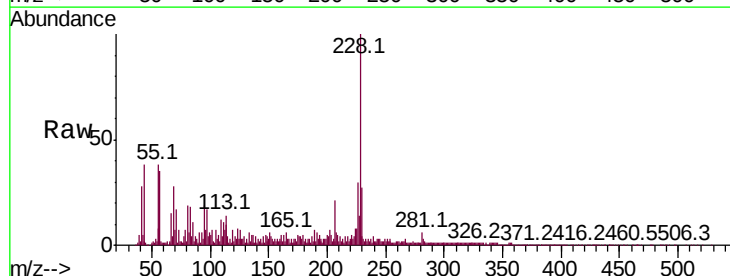
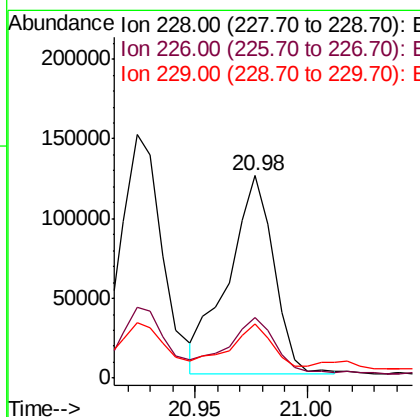
RT: 20.98 min Scan# 3101

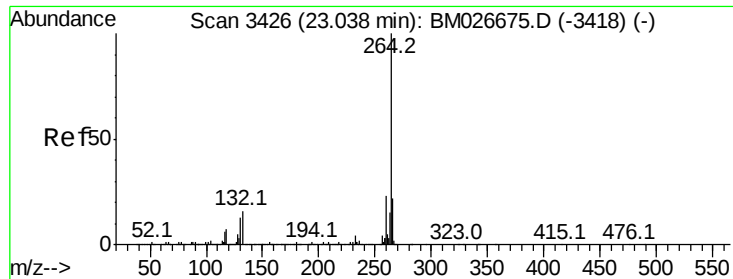
Delta R.T. -0.01 min

Lab File: BM026851.D

Acq: 23 Jul 2020 15:04

Tgt Ion:	228	Resp:	177136
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.7	35.5
229	26.7	15.4	23.0





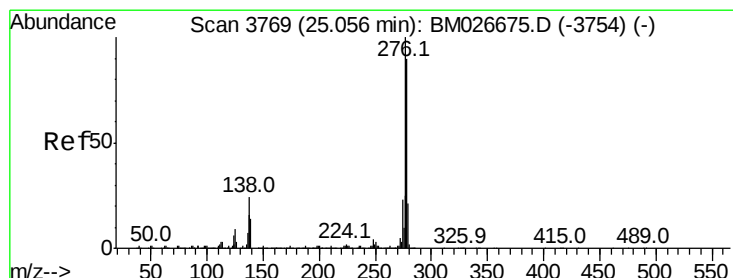
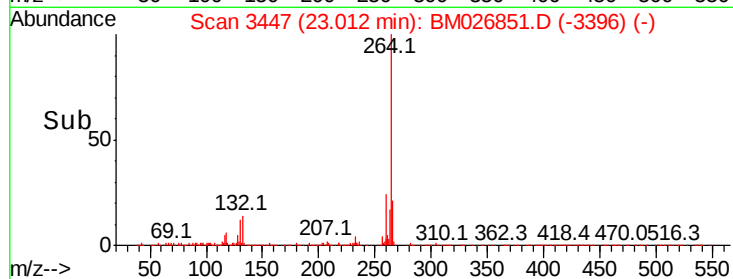
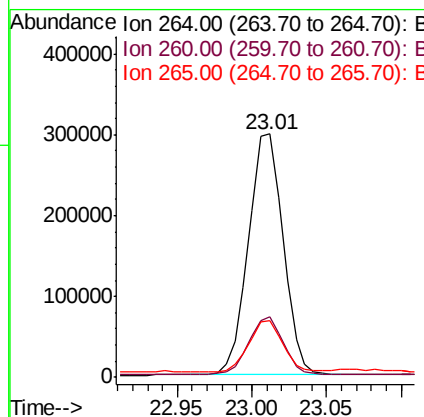
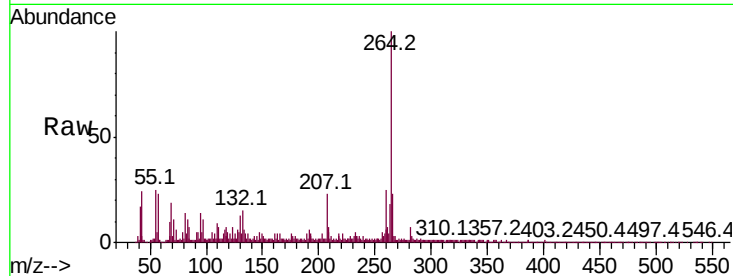
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :
EO-03-072020

Tot Ion:	264	Resp:	481957
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.2	27.2
265	23.3	17.6	26.4

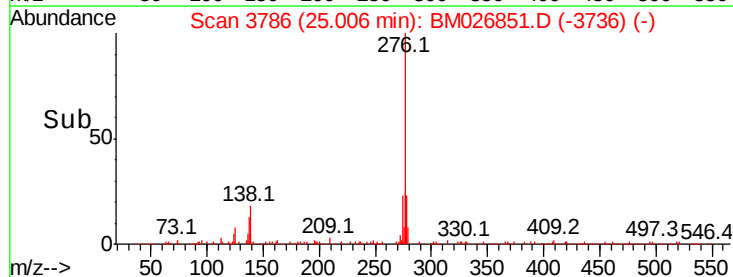
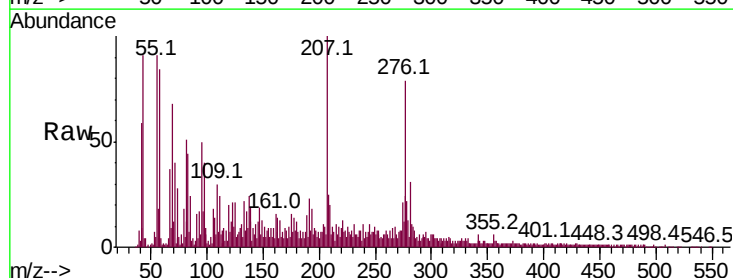
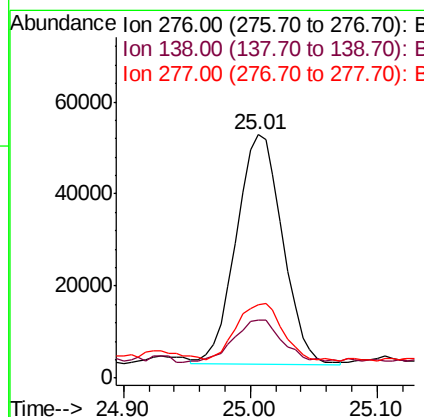
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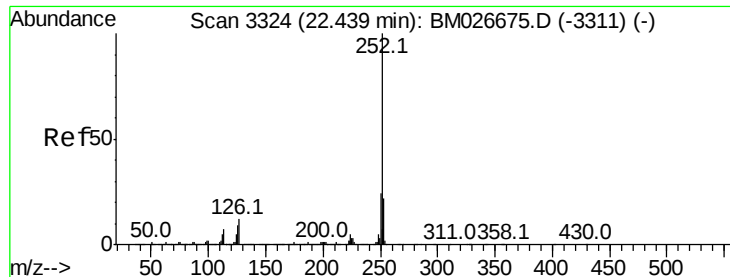
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.690 ng
RT: 25.01 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:	276	Resp:	126595
Ion Ratio	Lower	Upper	
276	100		
138	19.1	18.4	27.6
277	25.0	20.0	30.0





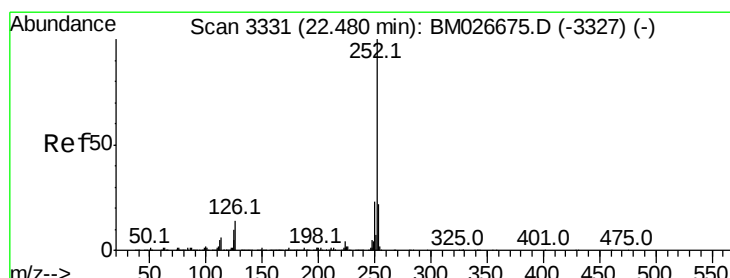
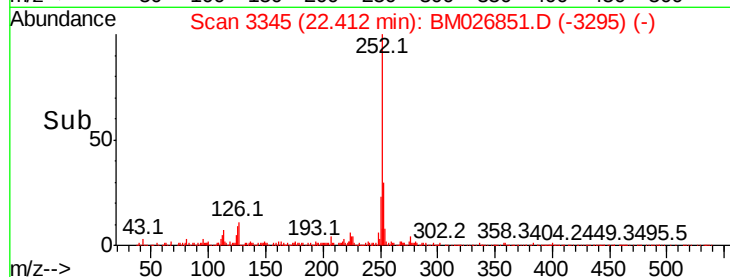
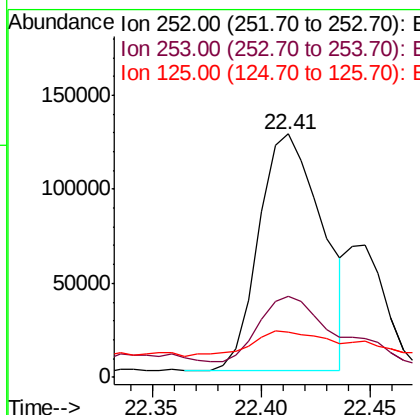
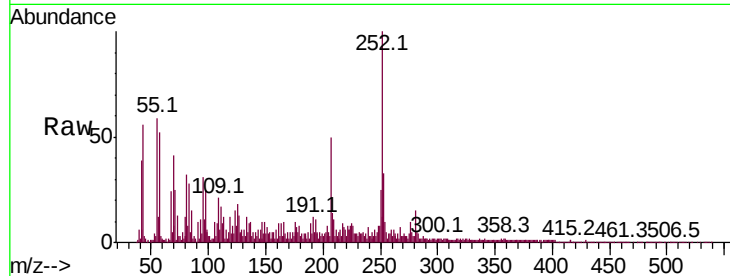
#88
Benzo(b)fluoranthene
Concen: 7.945 ng m
RT: 22.41 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :
EO-03-072020

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.5	26.3#
125	18.4	7.5	11.3#

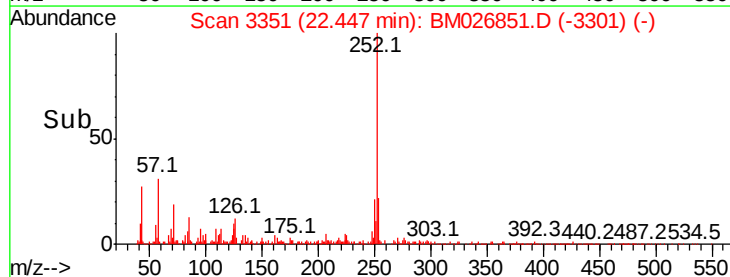
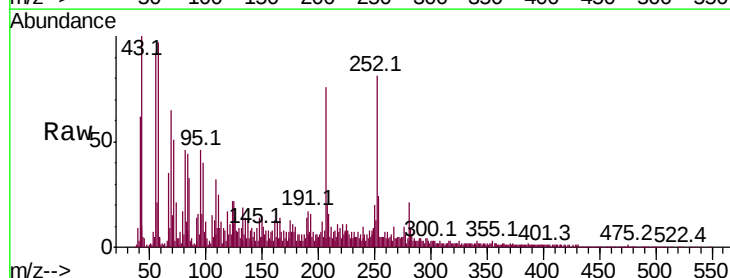
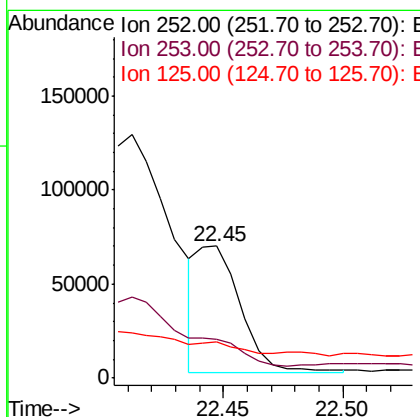
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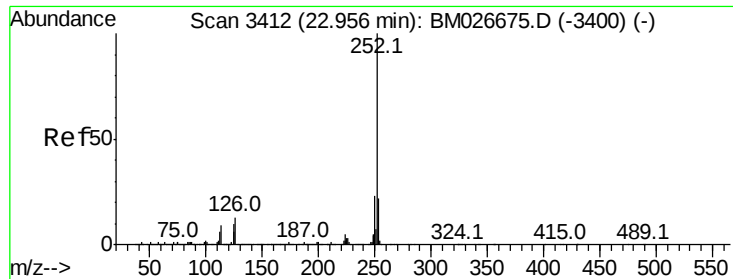
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#89
Benzo(k)fluoranthene
Concen: 2.707 ng m
RT: 22.45 min Scan# 3351
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.5	26.3#
125	27.8	7.8	11.8#





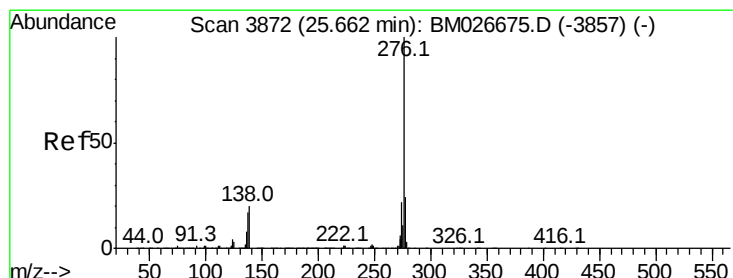
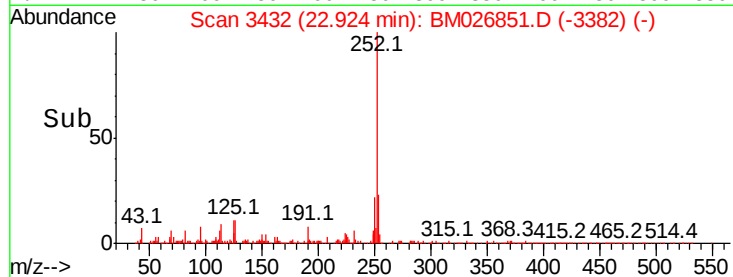
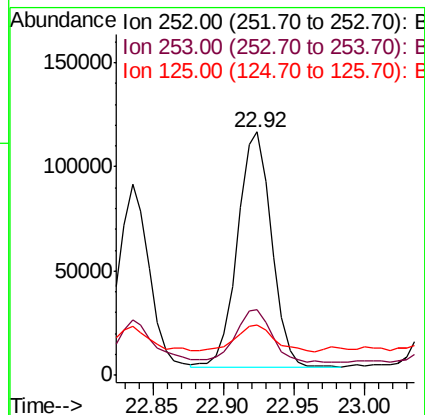
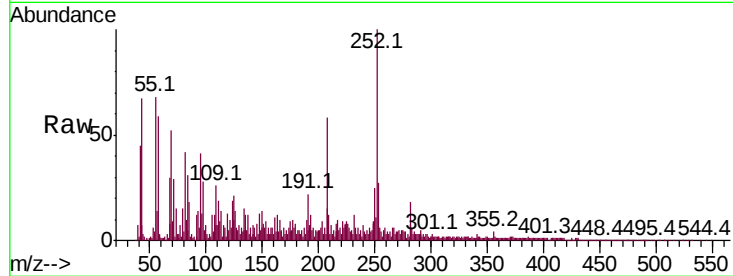
#90
Benzo(a)pyrene
Concen: 6.427 ng
RT: 22.92 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :
EO-03-072020

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.4	26.2#
125	20.5	8.2	12.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.823 ng
RT: 25.61 min Scan# 3889
Delta R.T. -0.00 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.6	19.1	28.7#
138	24.9	15.8	23.8#

