

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
 Data File : BM026843.D
 Acq On : 22 Jul 2020 21:43
 Operator : JU/CG
 Sample : L3184-13RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-03-072020RX

Manual Integrations
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 7/24/2020 12:11:38 PM

Quant Time: Jul 23 03:15:26 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	7.30	152	126752	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	465551	20.00	ng	0.00
39) Acenaphthene-d10	13.96	164	226703	20.00	ng	0.00
64) Phenanthrene-d10	16.72	188	415218	20.00	ng	0.00
76) Chrysene-d12	20.95	240	423674	20.00	ng	0.00
86) Perylene-d12	23.02	264	460274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	706505	93.42	ng	0.00
7) Phenol-d6	6.52	99	928518	77.06	ng	0.00
23) Nitrobenzene-d5	8.45	82	616172	56.47	ng	0.00
42) 2,4,6-Tribromophenol	15.47	330	216389	65.53	ng	0.00
45) 2-Fluorobiphenyl	12.57	172	1054156	61.83	ng	0.00
79) Terphenyl-d14	19.39	244	1153387	53.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.44	163	130809	6.746	ng	97
71) Phenanthrene	16.77	178	193429	7.891	ng	98
72) Anthracene	16.85	178	64247	2.633	ng	96
75) Fluoranthene	18.79	202	374133	12.392	ng	97
78) Pyrene	19.17	202	363942	13.636	ng	98
81) Benzo(a)anthracene	20.93	228	185358	6.513	ng	# 94
83) Chrysene	20.98	228	170259	6.147	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.02	276	119269	3.640	ng	95
88) Benzo(b)fluoranthene	22.42	252	244015m	8.046	ng	
89) Benzo(k)fluoranthene	22.45	252	71935m	2.418	ng	
90) Benzo(a)pyrene	22.93	252	182653	6.488	ng	# 85
92) Benzo(a,h,i)perylene	25.62	276	123771	4.856	ng	92

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

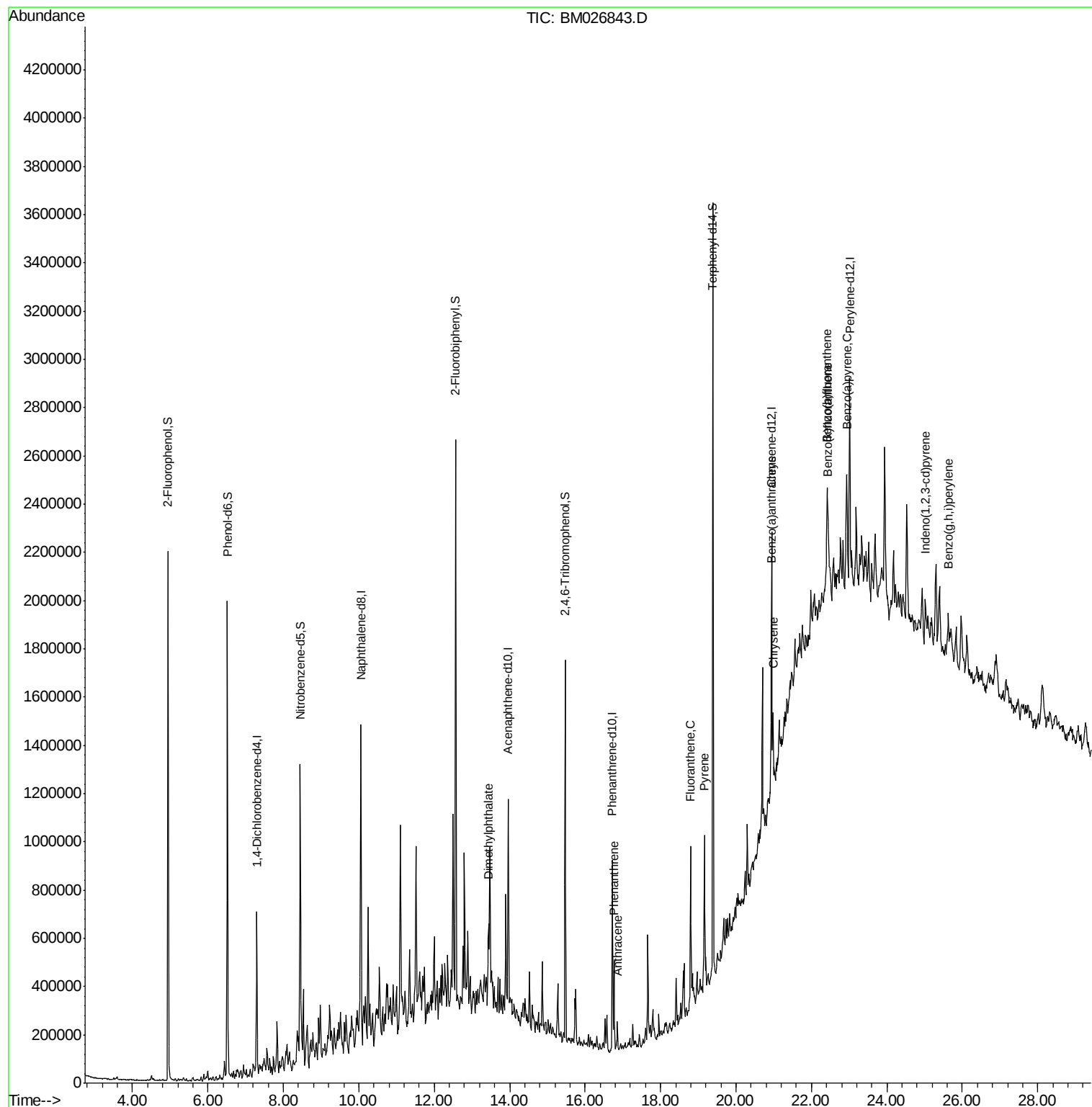
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
Data File : BM026843.D
Acq On : 22 Jul 2020 21:43
Operator : JU/CG
Sample : L3184-13RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

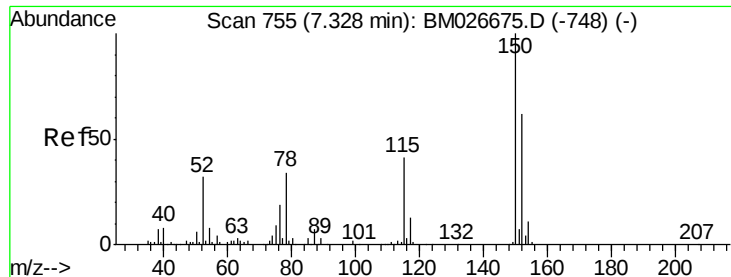
Instrument :
BNA_M
ClientSampleId :
EO-03-072020RX

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Quant Time: Jul 23 03:15:26 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





#1

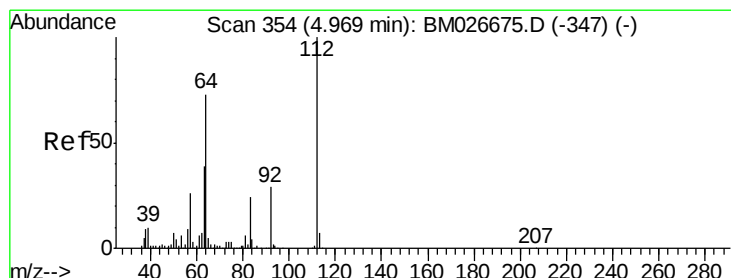
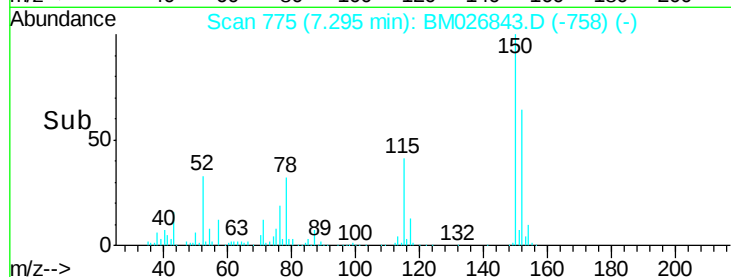
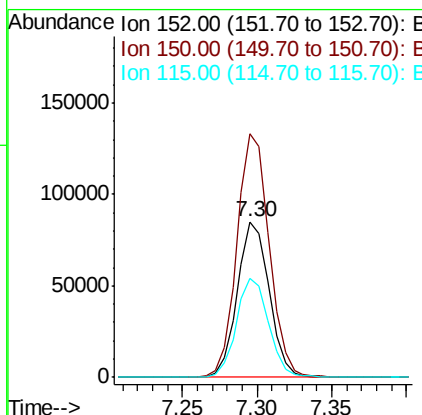
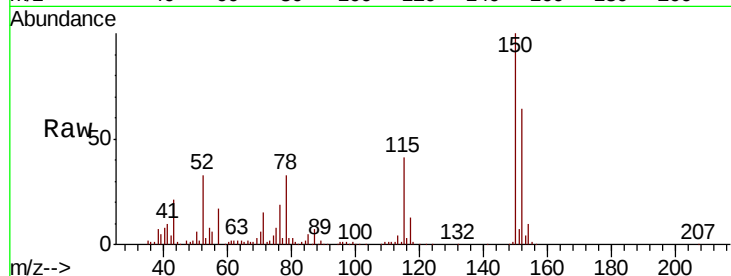
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Instrument :
BNA_M
ClientSampleId :
EO-03-072020RX

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.1	192.1
115	63.8	52.2	78.4

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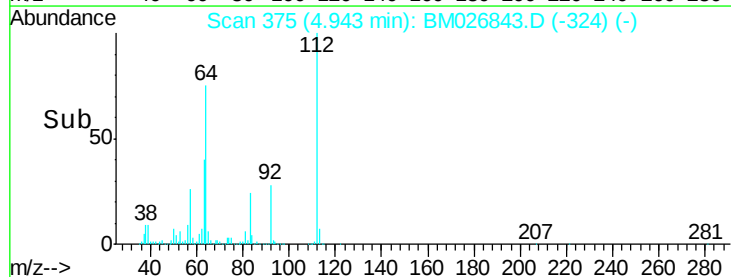
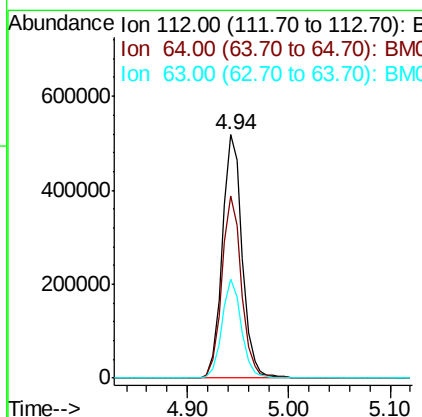
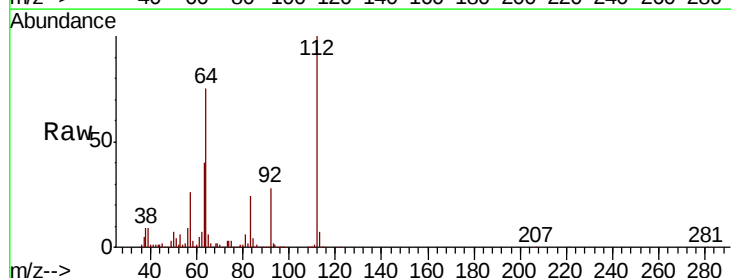
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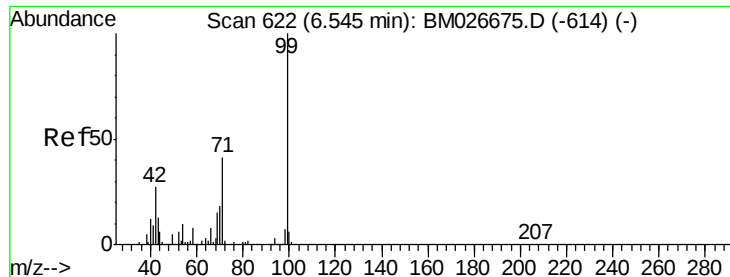


#5

2-Fluorophenol
Concen: 93.424 ng
RT: 4.94 min Scan# 375
Delta R.T. 0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	58.4	87.6
63	40.5	31.5	47.3





#7

Phenol-d6

Concen: 77.063 ng

RT: 6.52 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM026843.D

Acq: 22 Jul 2020 21:43

Instrument :

BNA_M

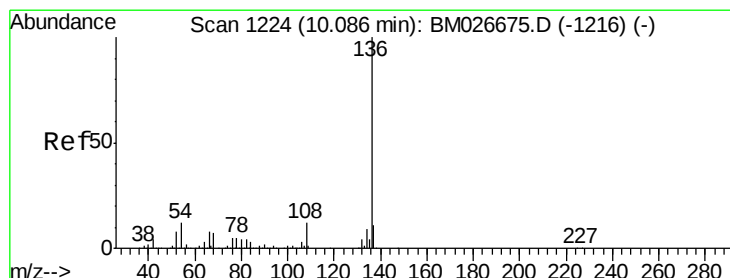
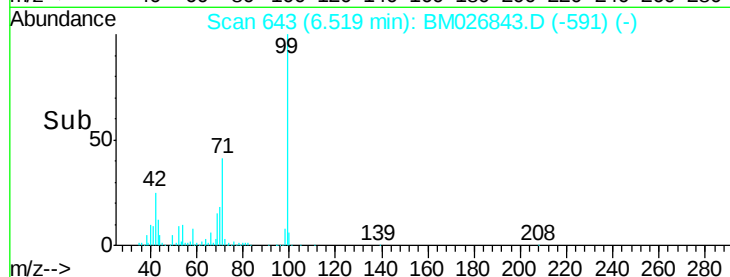
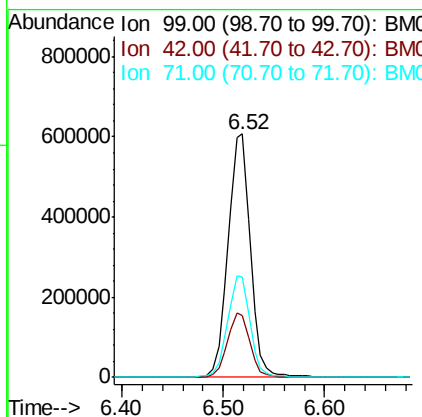
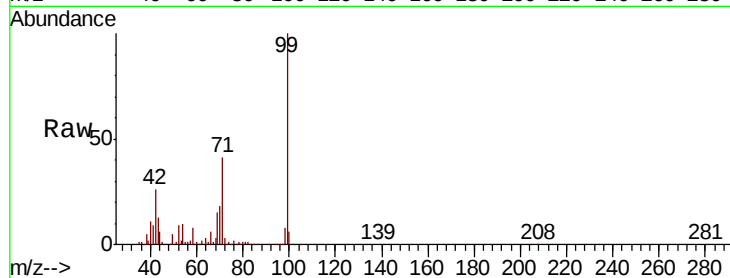
ClientSampleId :

EO-03-072020RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		928518		
42	25.5	21.7	32.5		
71	41.0	33.2	49.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

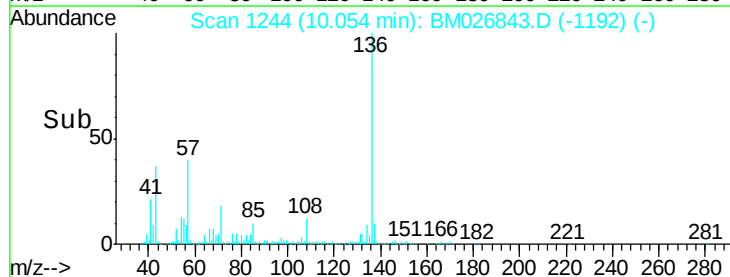
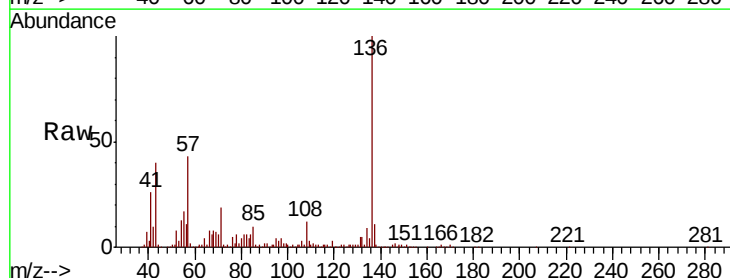
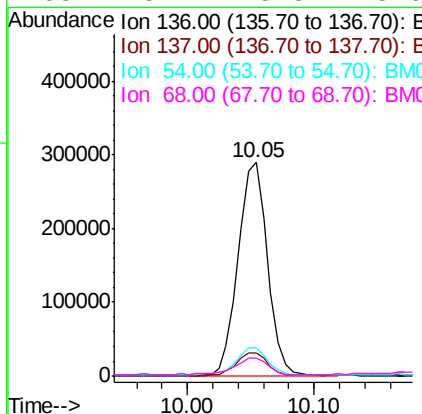
RT: 10.05 min Scan# 1244

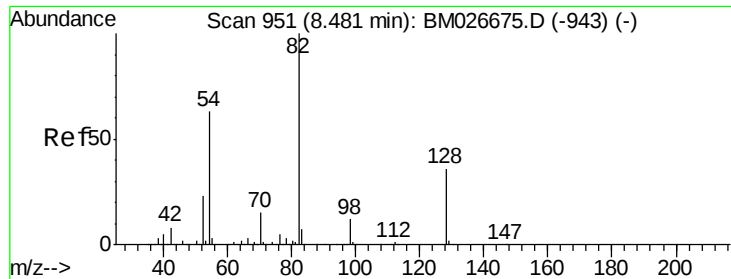
Delta R.T. 0.01 min

Lab File: BM026843.D

Acq: 22 Jul 2020 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		465551		
137	10.8	8.6	12.8		
54	13.3	9.8	14.6		
68	8.2	5.8	8.6		





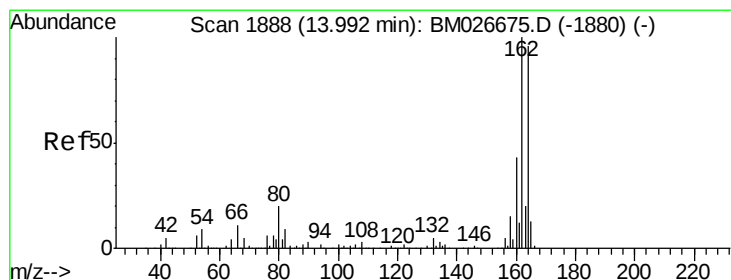
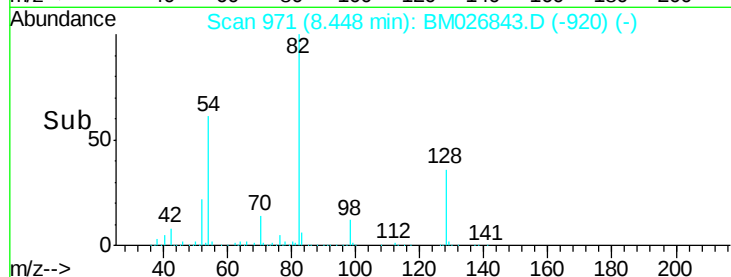
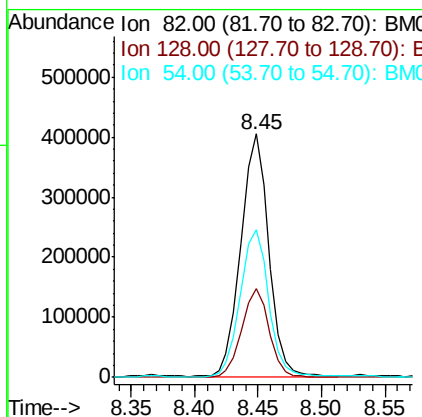
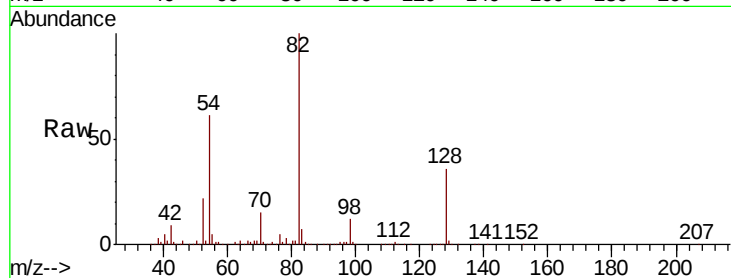
#23
Nitrobenzene-d5
Concen: 56.466 ng
RT: 8.45 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Instrument :
BNA_M
ClientSampleId :
EO-03-072020RX

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.1	43.7
54	60.7	50.2	75.4

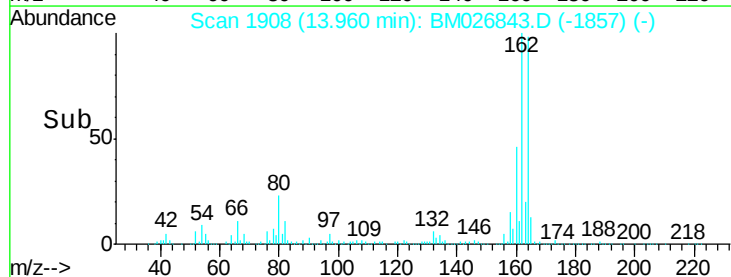
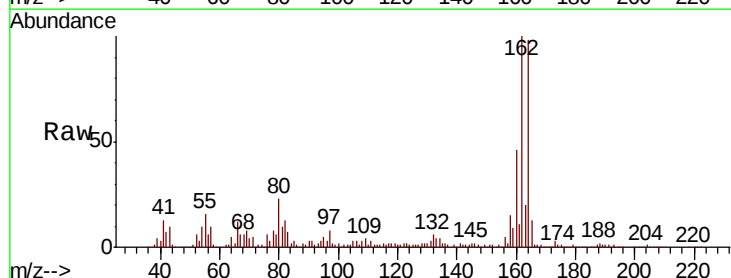
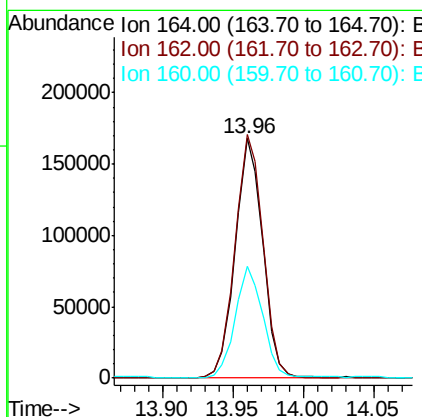
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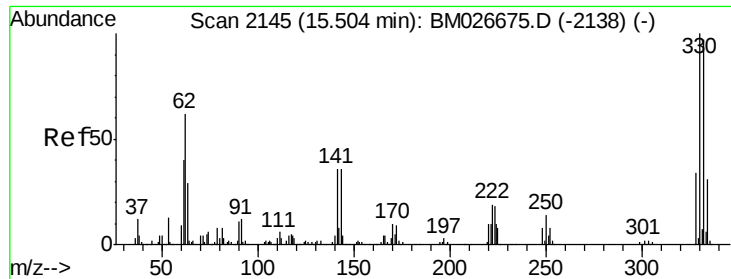
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.7	125.5
160	46.6	36.2	54.2





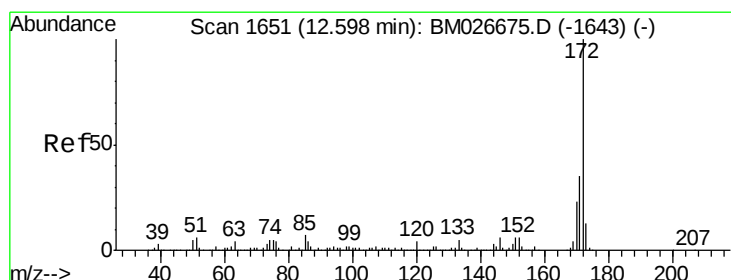
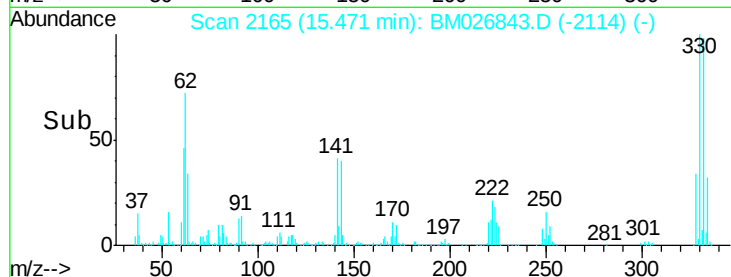
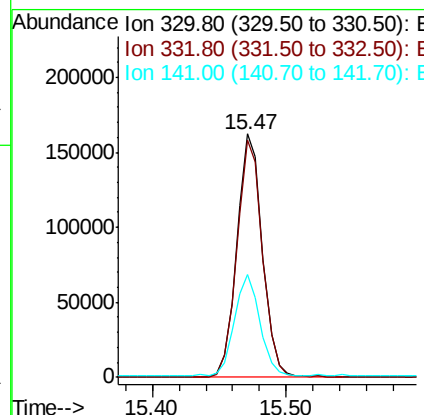
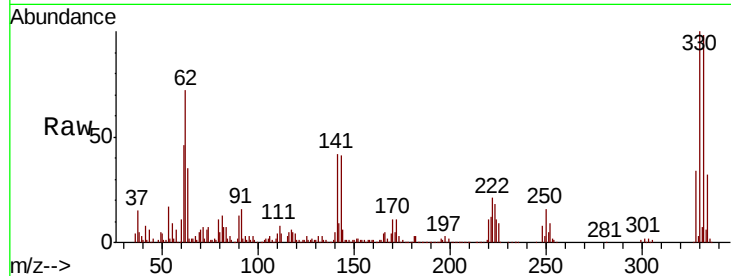
#42
 2,4,6-Tribromophenol
 Concen: 65.525 ng
 RT: 15.47 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BM026843.D
 Acq: 22 Jul 2020 21:43

Instrument :
 BNA_M
 ClientSampleId :
 EO-03-072020RX

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.5	116.3
141	41.1	32.4	48.6

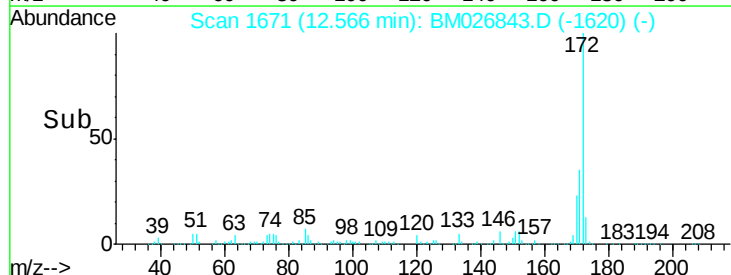
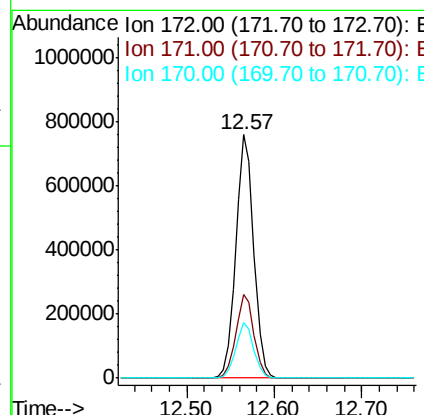
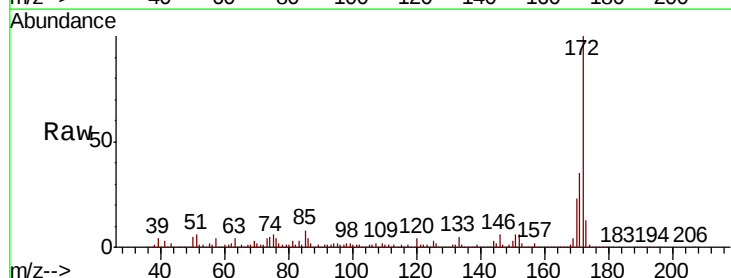
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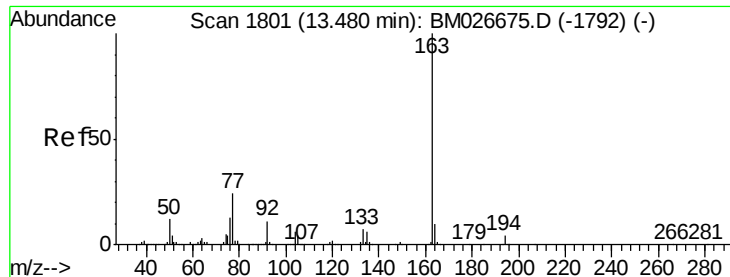
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#45
 2-Fluorobiphenyl
 Concen: 61.827 ng
 RT: 12.57 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BM026843.D
 Acq: 22 Jul 2020 21:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	22.5	18.5	27.7





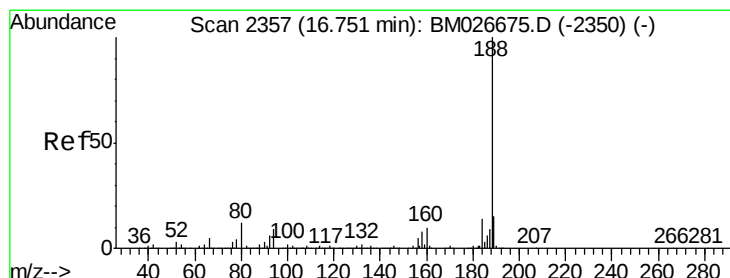
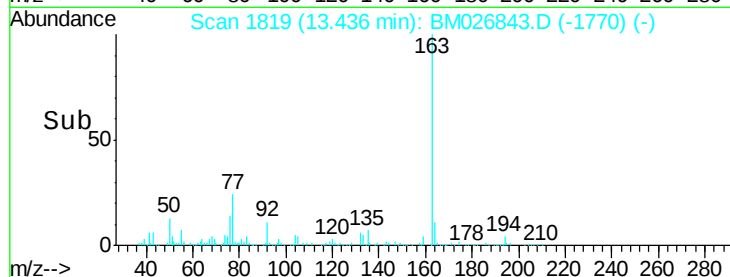
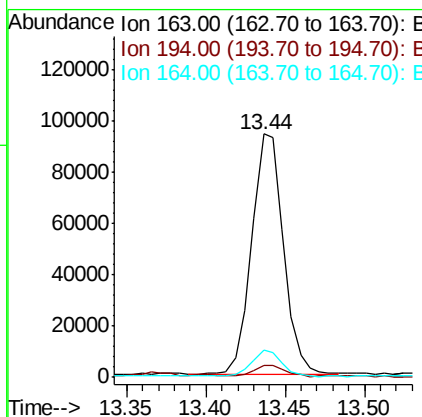
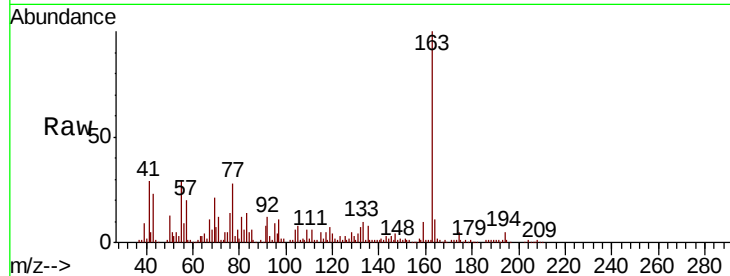
#50
Dimethylphthalate
Concen: 6.746 ng
RT: 13.44 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Instrument :
BNA_M
ClientSampleId :
EO-03-072020RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		130809		
194	4.7		3.4	5.2	
164	11.1		7.8	11.6	

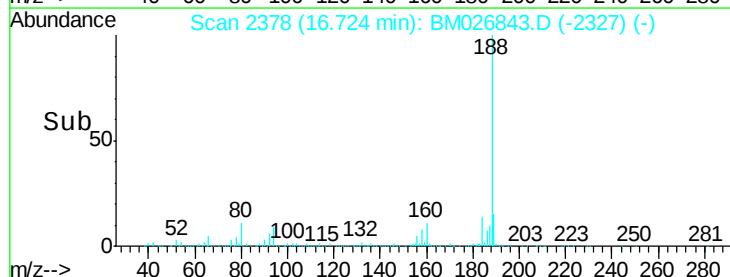
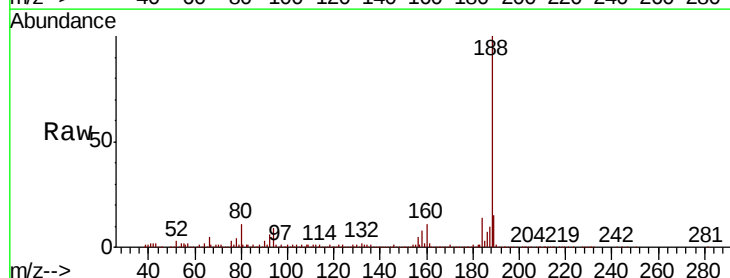
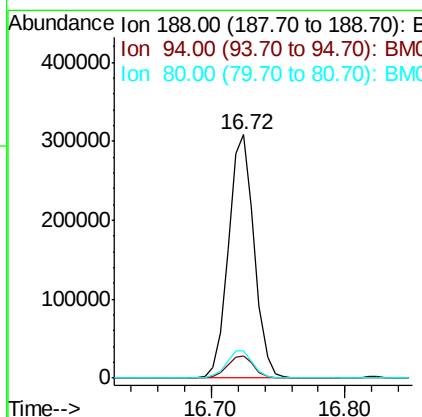
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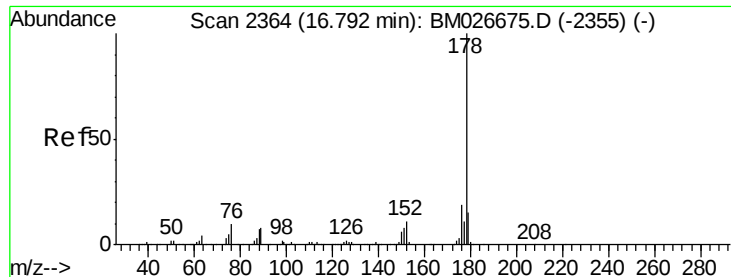
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		415218		
94	9.3		7.4	11.0	
80	11.0		9.3	13.9	





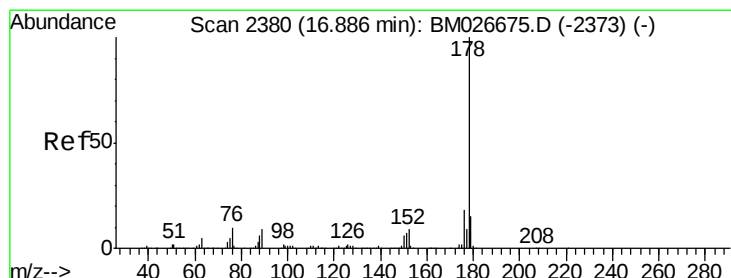
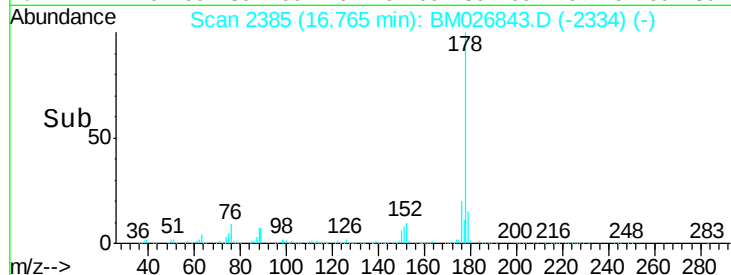
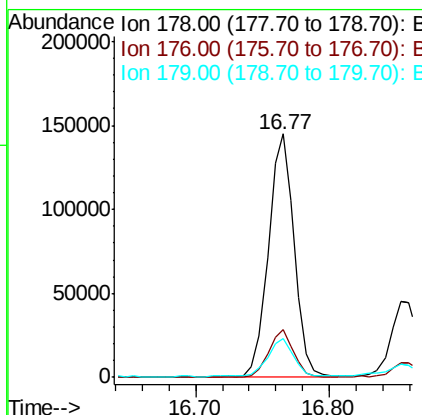
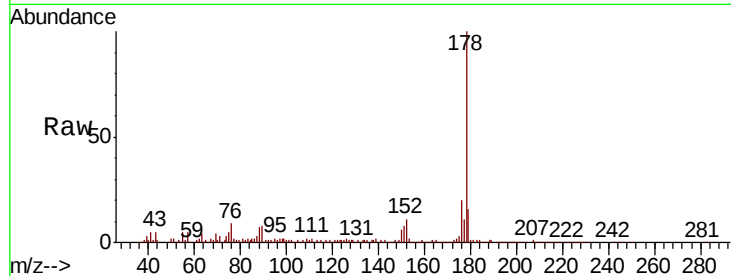
#71
Phenanthrene
Concen: 7.891 ng
RT: 16.77 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Instrument :
BNA_M
ClientSampleId :
EO-03-072020RX

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.6
179	15.8	12.1	18.1

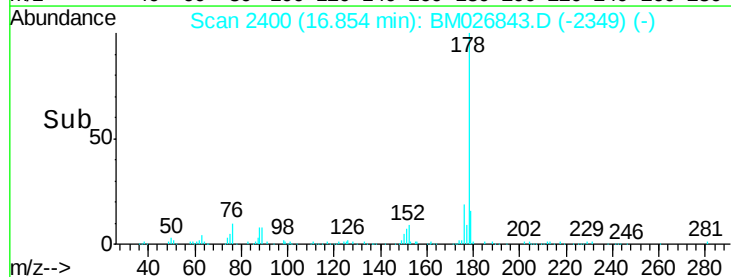
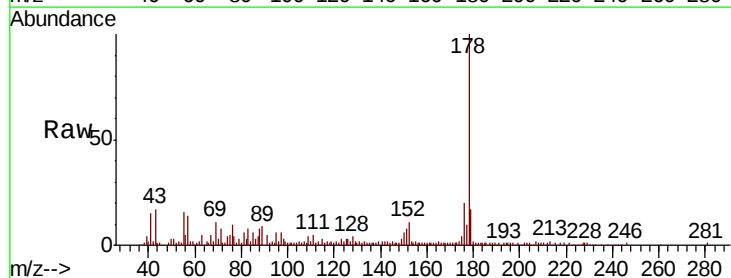
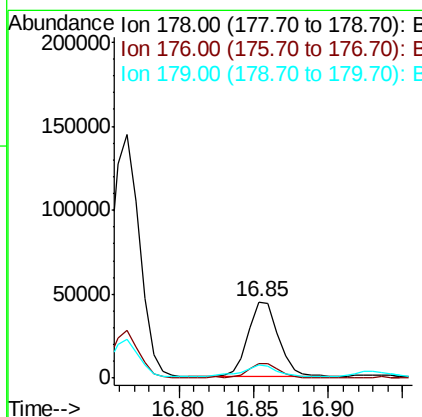
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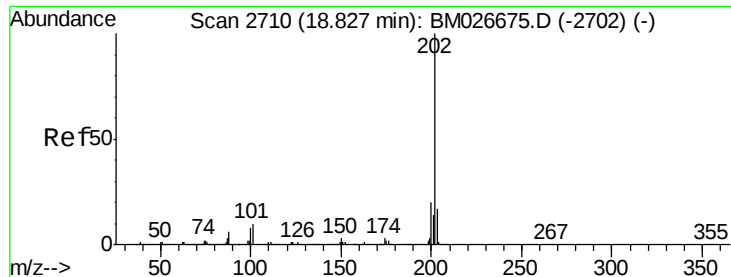
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#72
Anthracene
Concen: 2.633 ng
RT: 16.85 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.7	22.1
179	17.1	12.1	18.1





#75

Fluoranthene

Concen: 12.392 ng

RT: 18.79 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM026843.D

Acq: 22 Jul 2020 21:43

Instrument :

BNA_M

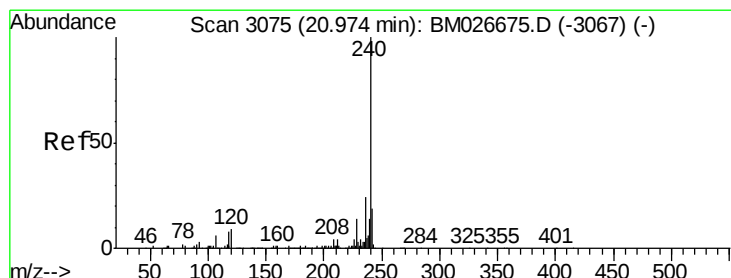
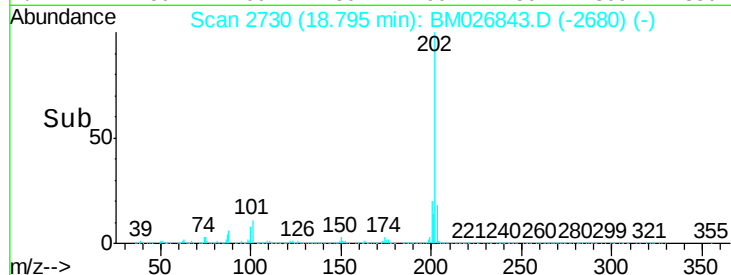
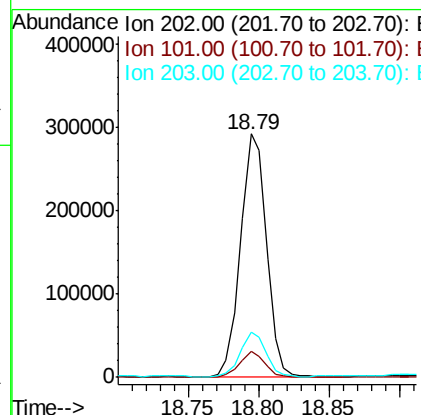
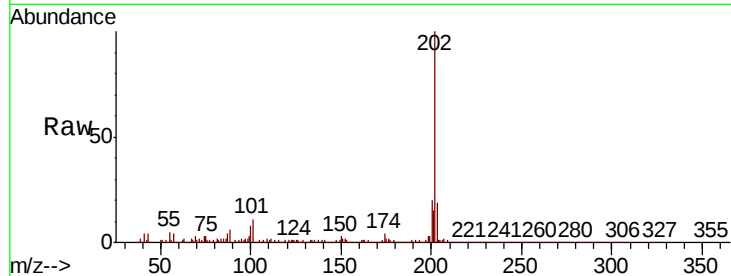
ClientSampleId :

EO-03-072020RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		374133		
101	10.9	0.0	30.1		
203	18.6	0.0	37.2		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

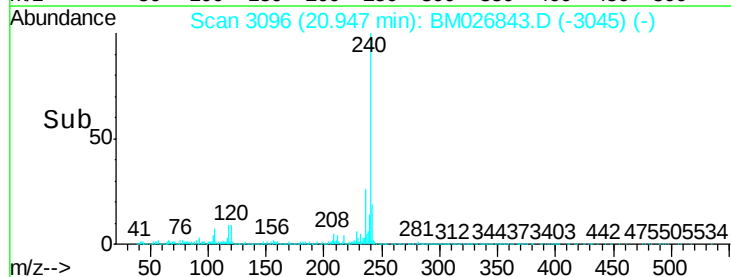
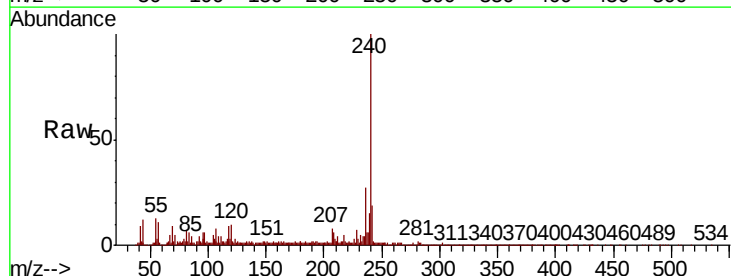
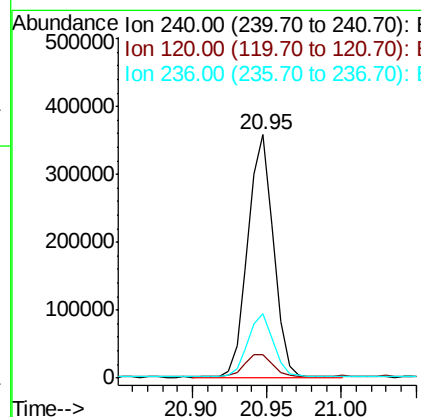
RT: 20.95 min Scan# 3096

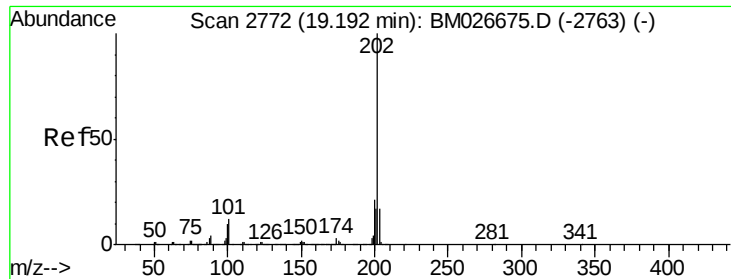
Delta R.T. -0.00 min

Lab File: BM026843.D

Acq: 22 Jul 2020 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		423674		
120	9.7	7.3	10.9		
236	26.6	19.4	29.2		





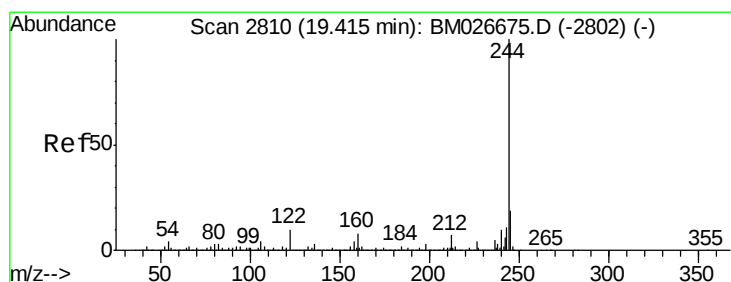
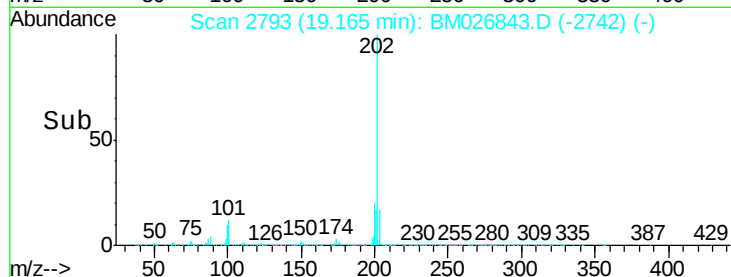
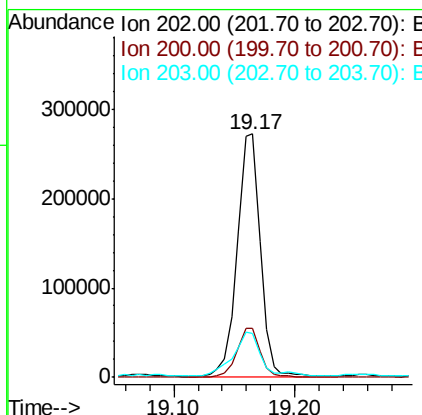
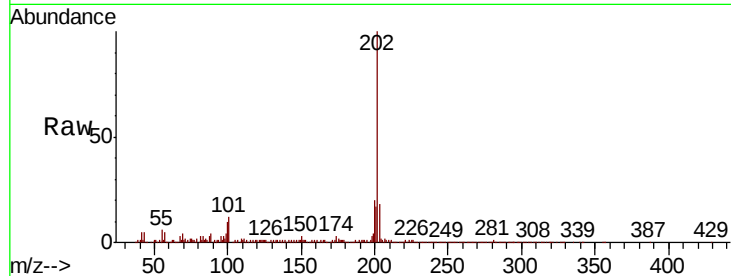
#78
Pvrene
Concen: 13.636 ng
RT: 19.17 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Instrument :
BNA_M
ClientSampleId :
EO-03-072020RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.1	16.6	24.8		
203	18.0	13.7	20.5		

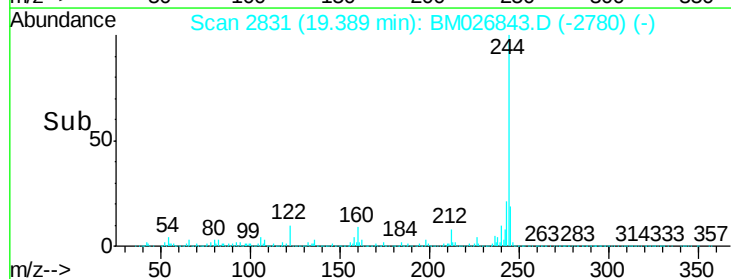
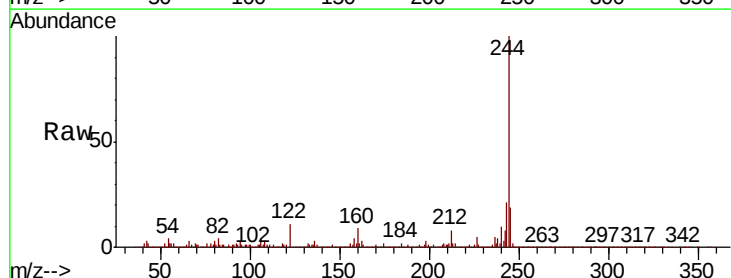
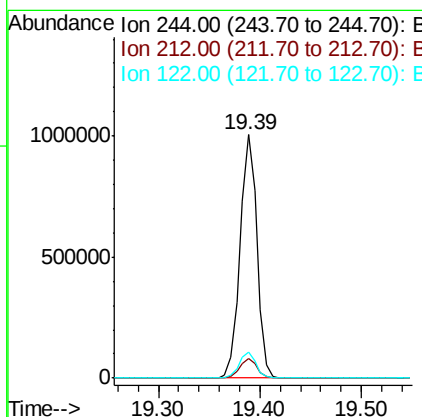
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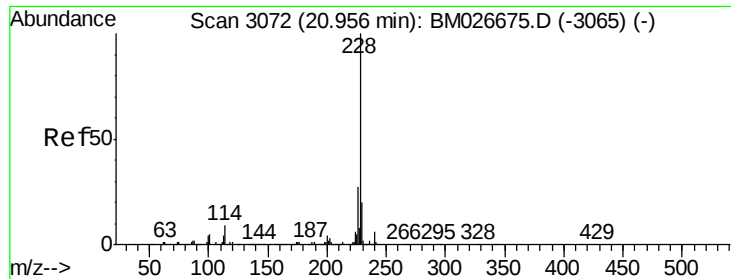
Sohil
7/24/2020 12:11:38 PM



#79
Terphenyl-d14
Concen: 53.576 ng
RT: 19.39 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	8.1	5.9	8.9		
122	10.5	8.2	12.4		





#81

Benzo(a)anthracene

Concen: 6.513 ng

RT: 20.93 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM026843.D

Acq: 22 Jul 2020 21:43

Instrument :

BNA_M

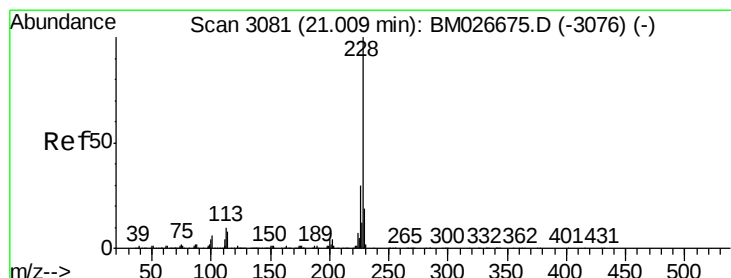
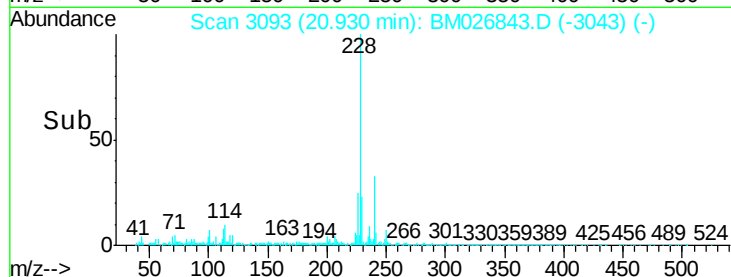
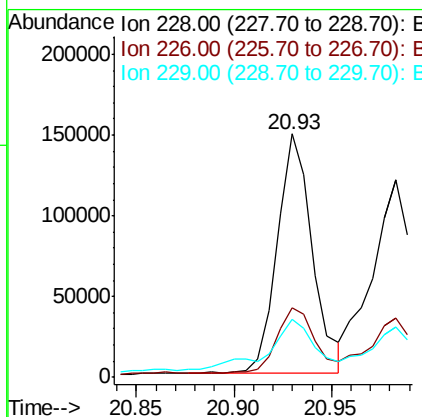
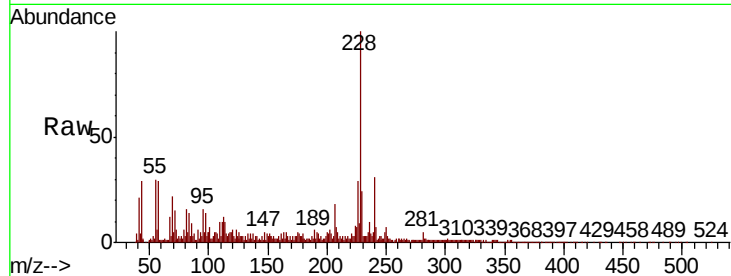
ClientSampleId :

EO-03-072020RX

Tot Ion:	228	Resp:	185358
Ion Ratio	Lower	Upper	
228	100		
226	28.7	21.4	32.2
229	23.8	15.6	23.4#

Manual Integrations
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#83

Chrysene

Concen: 6.147 ng

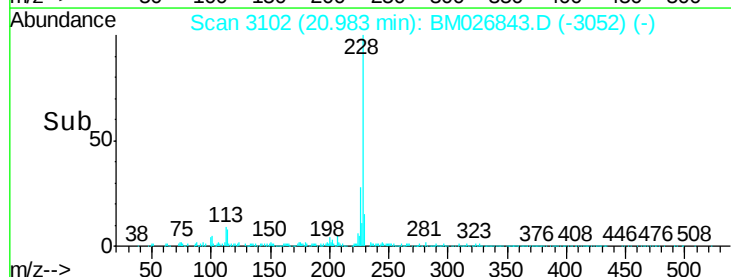
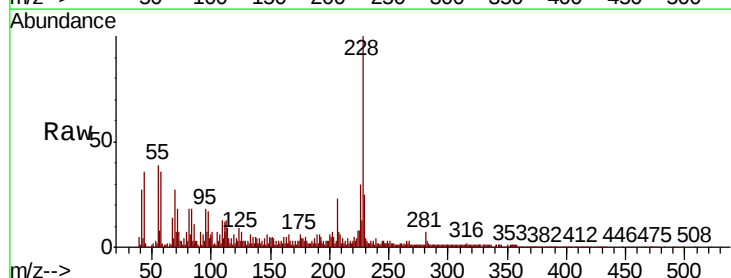
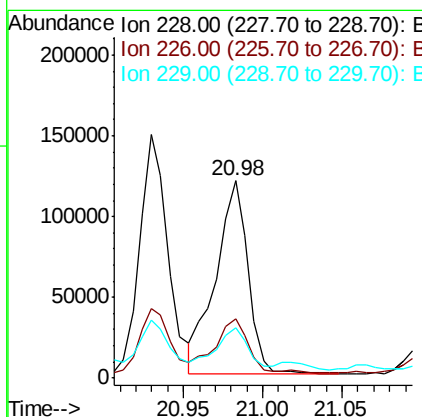
RT: 20.98 min Scan# 3102

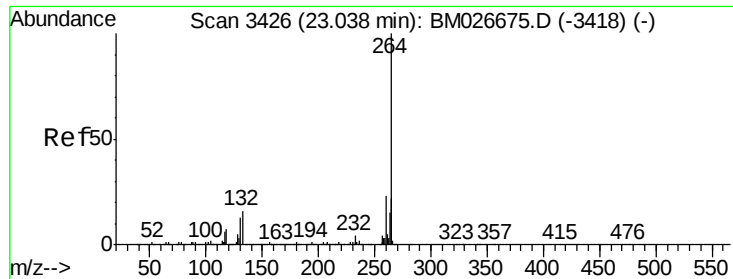
Delta R.T. -0.01 min

Lab File: BM026843.D

Acq: 22 Jul 2020 21:43

Tgt Ion:	228	Resp:	170259
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.7	35.5
229	25.4	15.4	23.0#





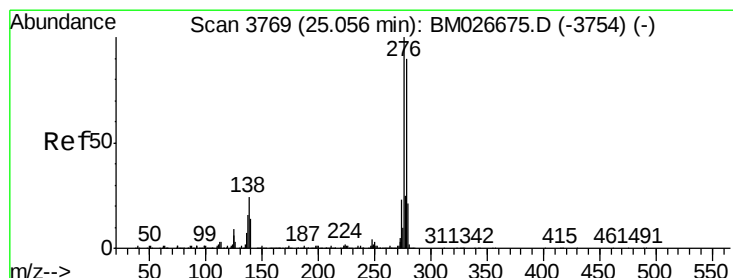
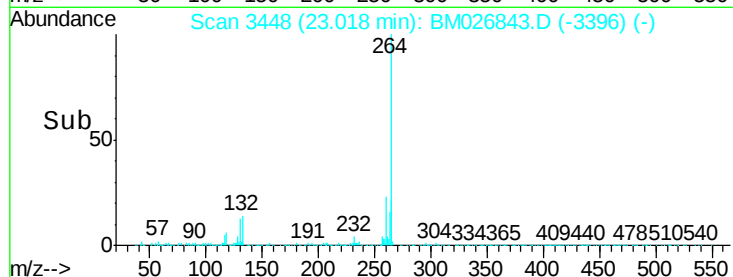
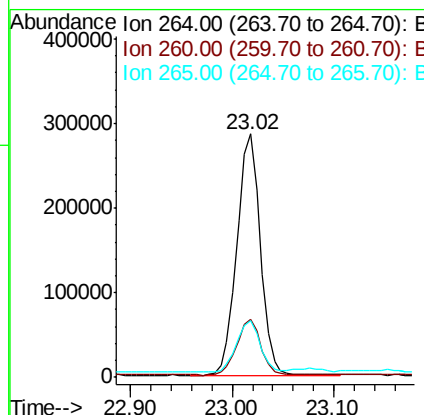
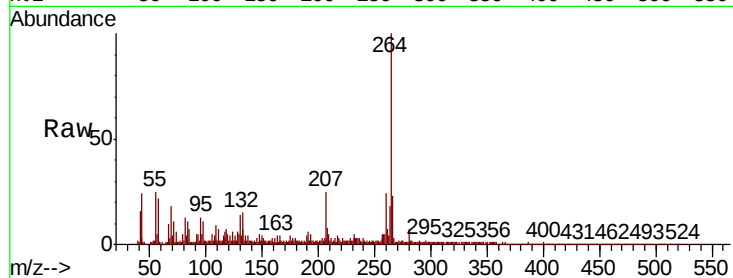
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.02 min Scan# 3448
Delta R.T. 0.01 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Instrument :
BNA_M
ClientSampleId :
EO-03-072020RX

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	23.3	17.6	26.4

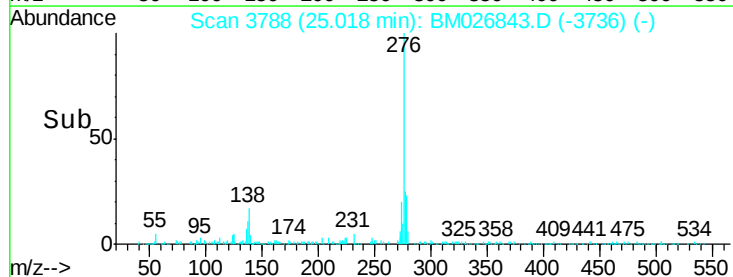
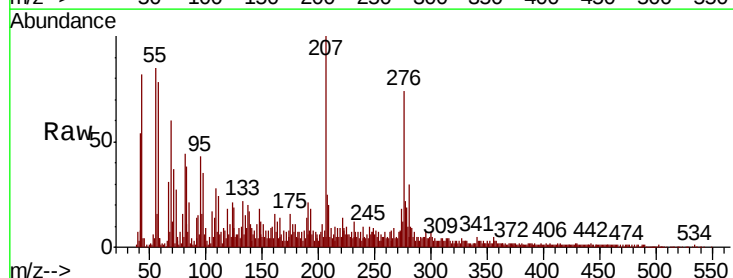
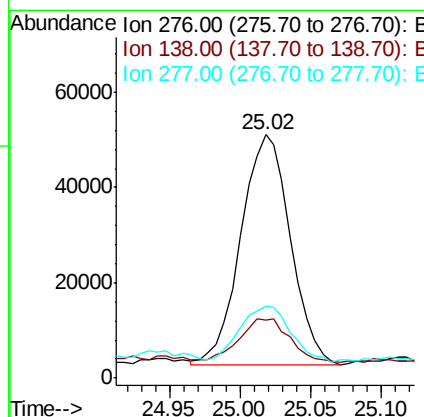
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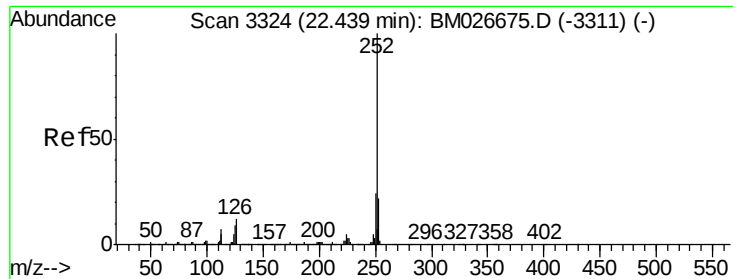
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.640 ng
RT: 25.02 min Scan# 3788
Delta R.T. 0.01 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	18.4	27.6
277	23.6	20.0	30.0





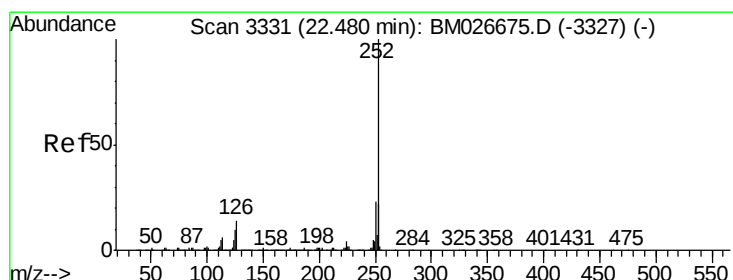
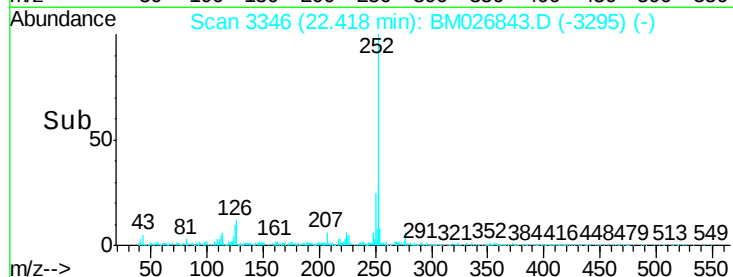
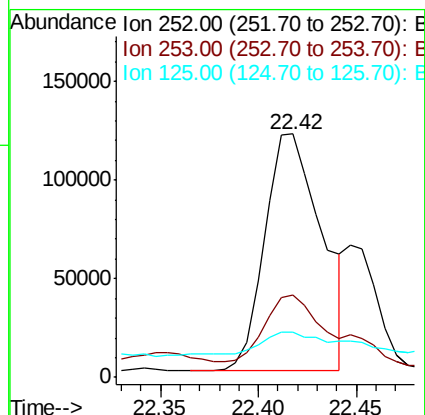
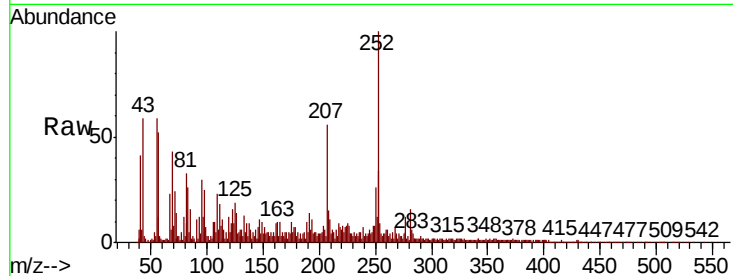
#88
Benzo(b)fluoranthene
Concen: 8.046 ng m
RT: 22.42 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Instrument :
BNA_M
ClientSampleId :
EO-03-072020RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.9	17.5	26.3#
125	18.8	7.5	11.3#

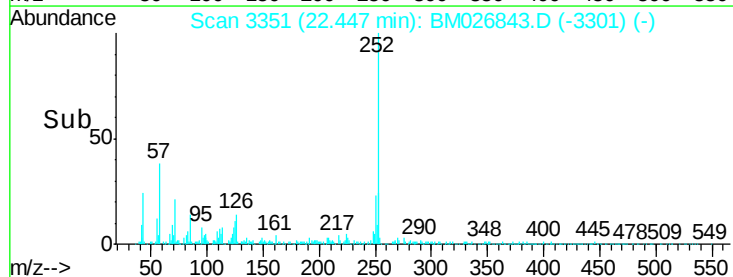
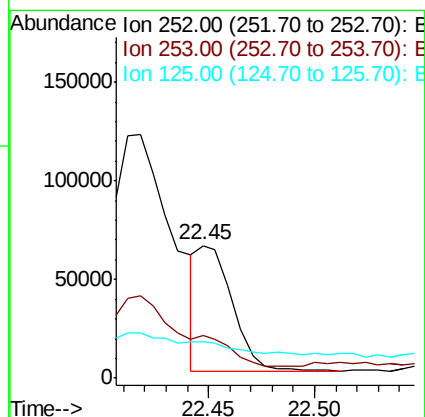
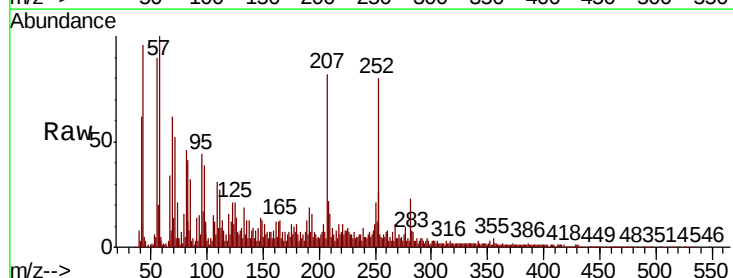
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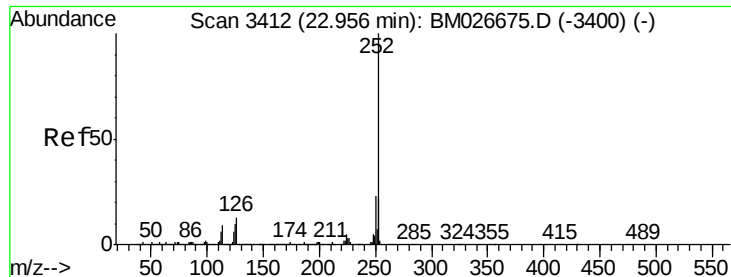
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#89
Benzo(k)fluoranthene
Concen: 2.418 ng m
RT: 22.45 min Scan# 3351
Delta R.T. -0.01 min
Lab File: BM026843.D
Acq: 22 Jul 2020 21:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.5	26.3#
125	26.9	7.8	11.8#





#90

Benzo(a)pyrene

Concen: 6.488 ng

RT: 22.93 min Scan# 3433

Delta R.T. 0.00 min

Lab File: BM026843.D

Acq: 22 Jul 2020 21:43

Instrument :

BNA_M

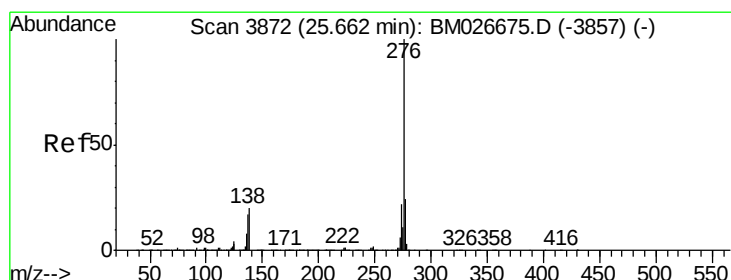
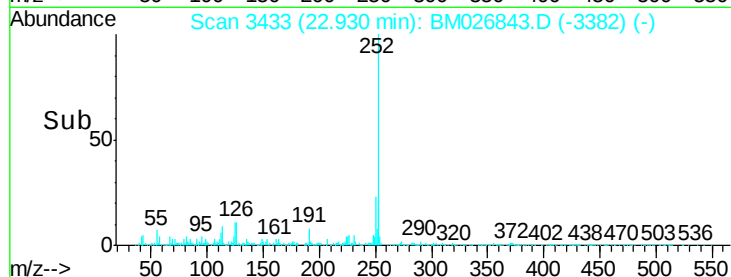
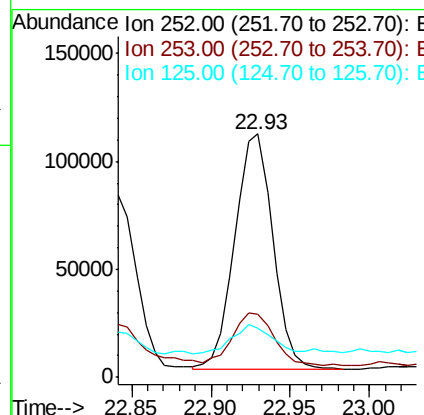
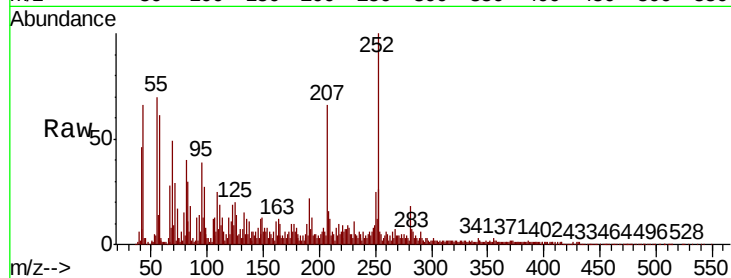
ClientSampleId :

EO-03-072020RX

Tot Ion:	252	Resp:	182653
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.4	26.2#
125	20.2	8.2	12.4#

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 4.856 ng

RT: 25.62 min Scan# 3891

Delta R.T. 0.01 min

Lab File: BM026843.D

Acq: 22 Jul 2020 21:43

Tgt Ion:	276	Resp:	123771
Ion Ratio	Lower	Upper	
276	100		
277	28.6	19.1	28.7
138	22.7	15.8	23.8

