

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027201.D
 Acq On : 24 Aug 2020 19:25
 Operator : JU/CG
 Sample : L3734-06RE 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1ERE

Manual Integrations
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mohammad
 8/25/2020 4:18:23 PM

Quant Time: Aug 31 09:09:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	165643	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	587763	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	385788	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	870221	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1015169	20.00	ng	0.00
86) Perylene-d12	23.37	264	1116757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	70543	8.30	ng	0.00
7) Phenol-d6	6.79	99	296253	25.39	ng	0.00
23) Nitrobenzene-d5	8.75	82	375379	26.35	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	15508	2.48	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	746580	25.42	ng	0.00
79) Terphenyl-d14	19.63	244	1283971	23.63	ng	0.00
Target Compounds						
71) Phenanthrene	17.03	178	204021	4.217	ng	98
75) Fluoranthene	19.05	202	397613	6.580	ng	98
78) Pyrene	19.42	202	363873	5.891	ng	99
81) Benzo(a)anthracene	21.17	228	208737	3.173	ng	95
83) Chrysene	21.22	228	196575m	3.077	ng	
88) Benzo(b)fluoranthene	22.72	252	261377m	3.510	ng	
90) Benzo(a)pyrene	23.27	252	189512	2.788	ng	# 86

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

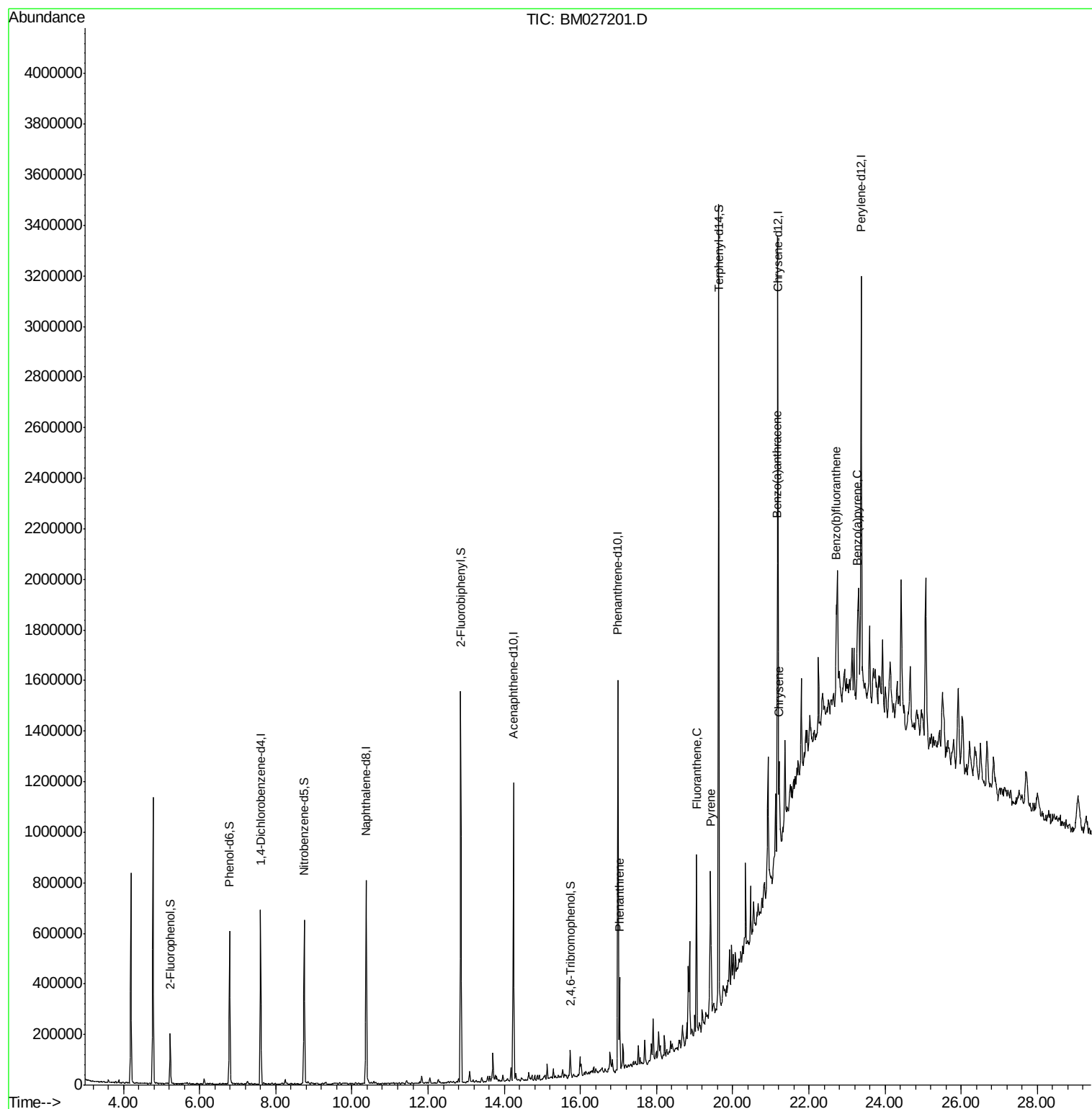
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027201.D
Acq On : 24 Aug 2020 19:25
Operator : JU/CG
Sample : L3734-06RE 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

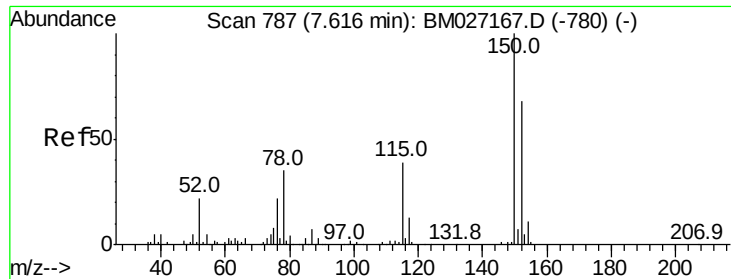
Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ERE

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Quant Time: Aug 31 09:09:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:18:39 2020
Response via : Initial Calibration





#1

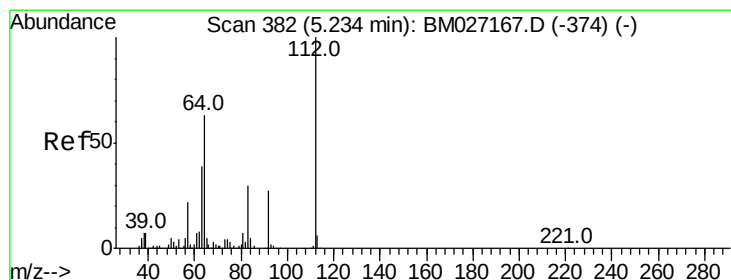
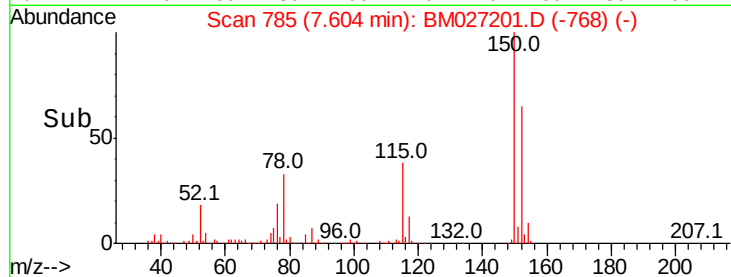
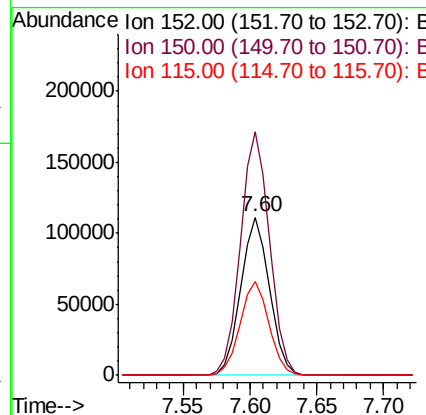
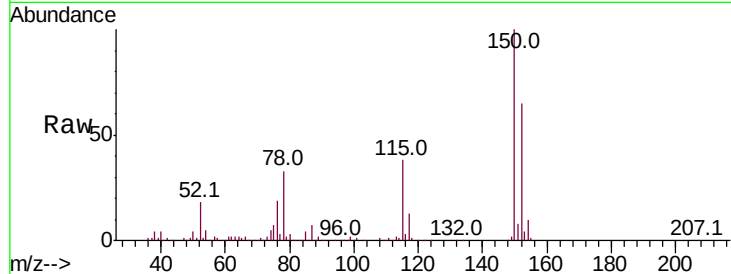
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM027201.D
Acq: 24 Aug 2020 19:25

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ERE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	118.2	177.4
115	59.1	46.1	69.1

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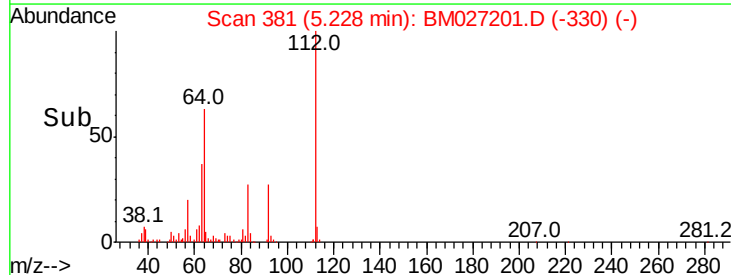
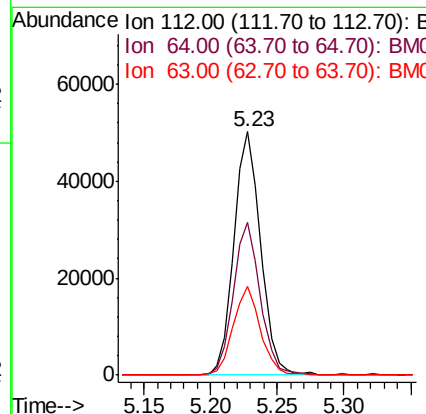
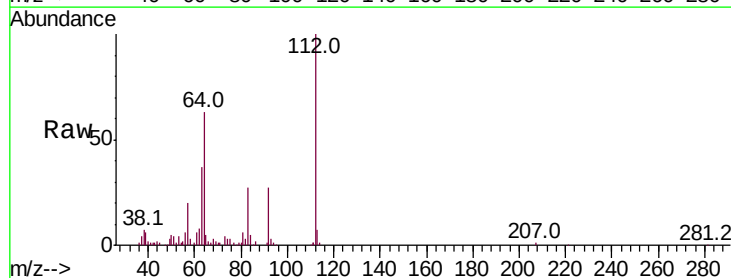
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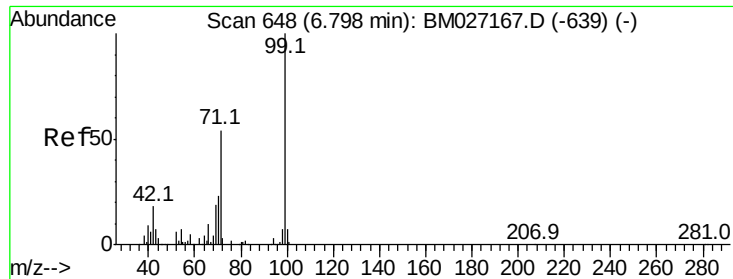


#5

2-Fluorophenol
Concen: 8.302 ng
RT: 5.23 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM027201.D
Acq: 24 Aug 2020 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	50.0	75.0
63	36.6	31.6	47.4





#7

Phenol-d6

Concen: 25.394 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM027201.D

Acq: 24 Aug 2020 19:25

Instrument :

BNA_M

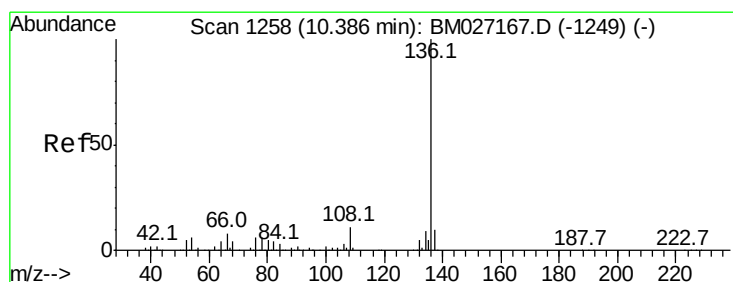
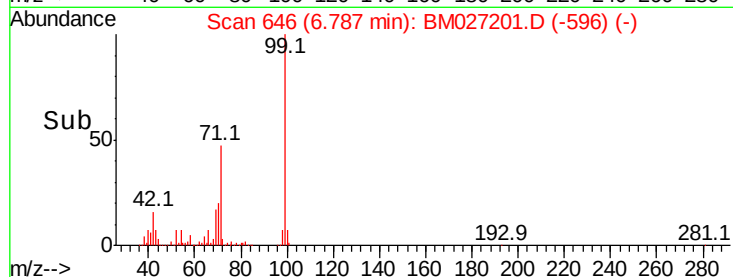
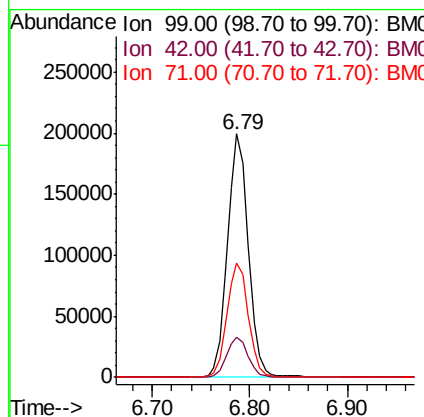
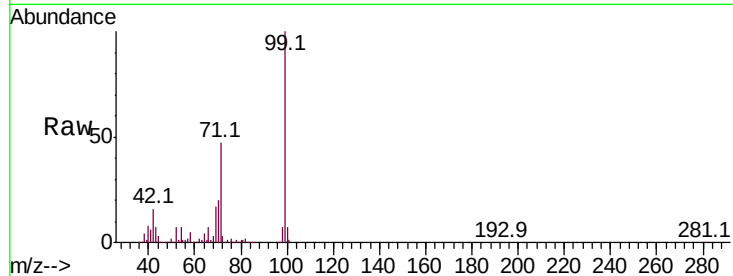
ClientSampleId :

EROC-BF-1ERE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		296253		
42	16.5	14.5	21.7		
71	47.1	43.0	64.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

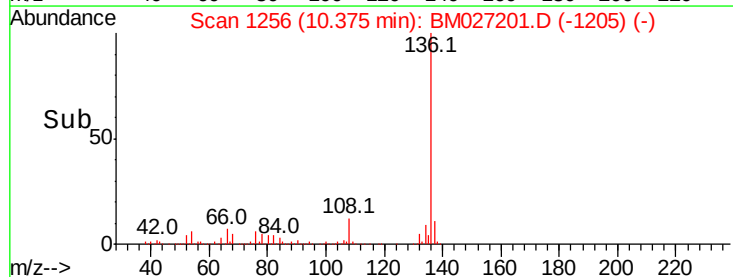
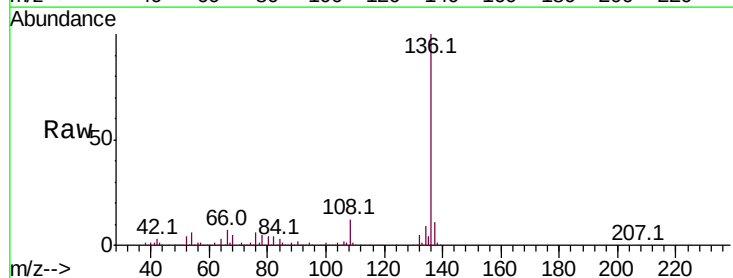
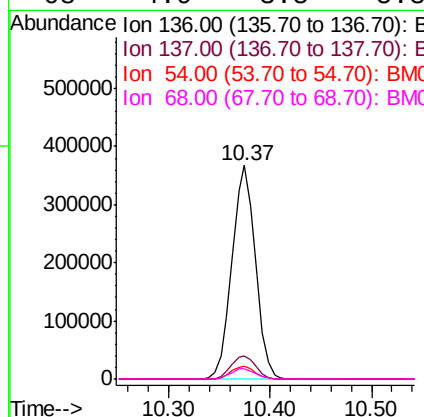
RT: 10.37 min Scan# 1256

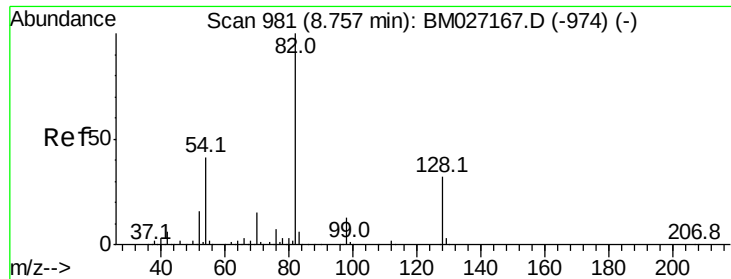
Delta R.T. 0.00 min

Lab File: BM027201.D

Acq: 24 Aug 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		587763		
137	10.7	8.2	12.4		
54	5.8	4.8	7.2		
68	4.9	3.5	5.3		





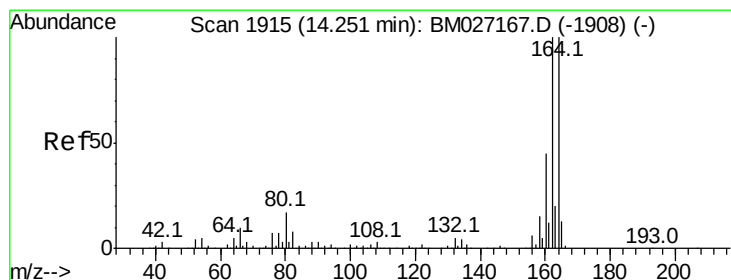
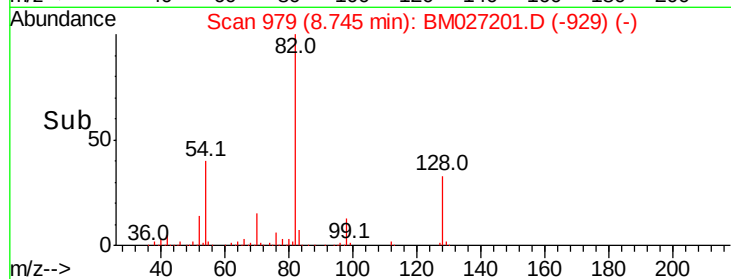
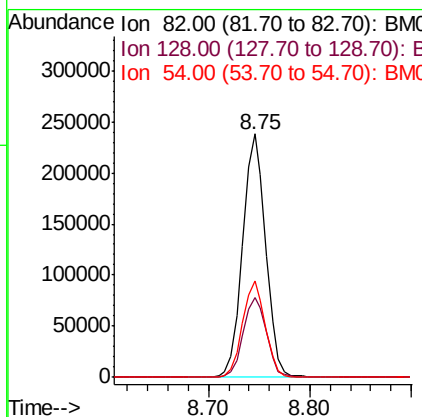
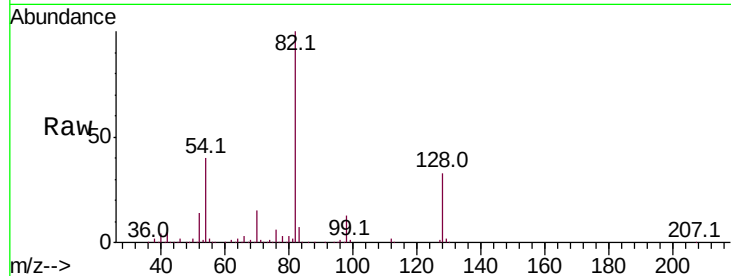
#23
 Nitrobenzene-d5
 Concen: 26.349 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM027201.D
 Acq: 24 Aug 2020 19:25

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1ERE

Tot Ion	82	Resp	375379
Ion	Ratio	Lower	Upper
82	100		
128	32.6	25.7	38.5
54	39.5	33.0	49.4

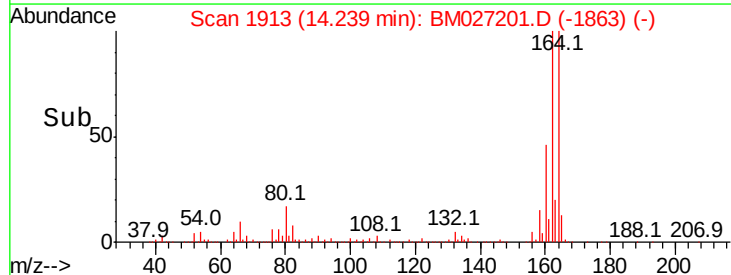
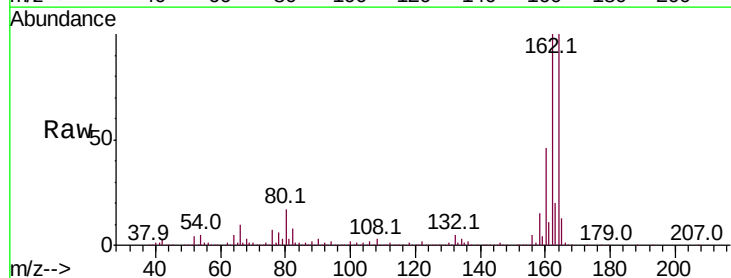
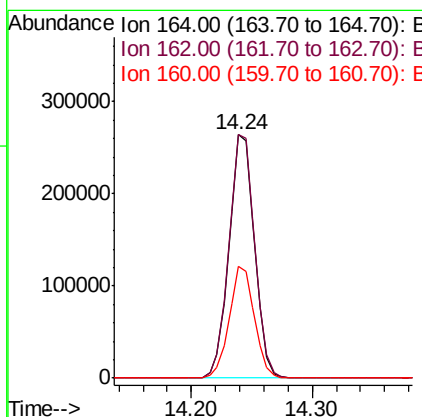
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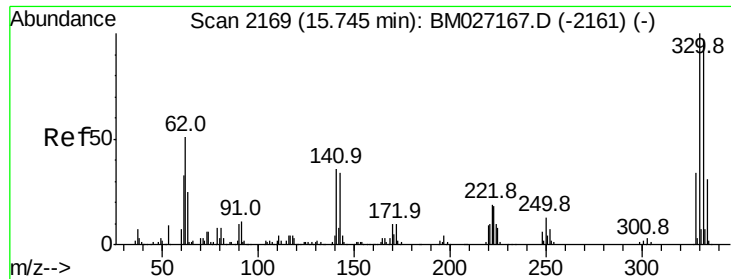
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM027201.D
 Acq: 24 Aug 2020 19:25

Tgt Ion	164	Resp	385788
Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.4
160	46.0	36.3	54.5





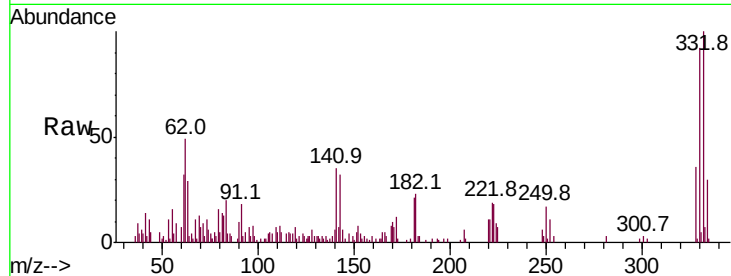
#42
 2,4,6-Tribromophenol
 Concen: 2.482 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM027201.D
 Acq: 24 Aug 2020 19:25

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1ERE

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.2	115.8
141	37.9	31.0	46.6

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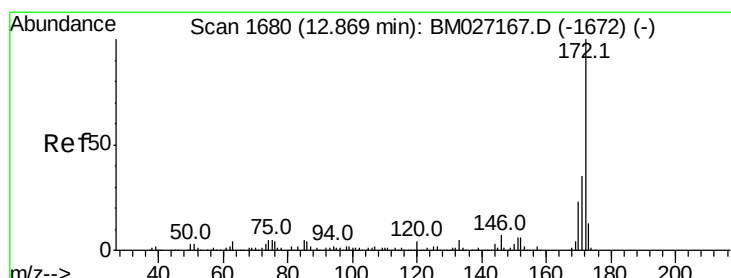
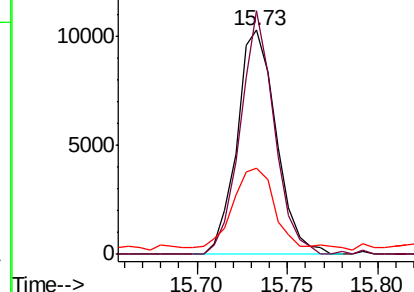
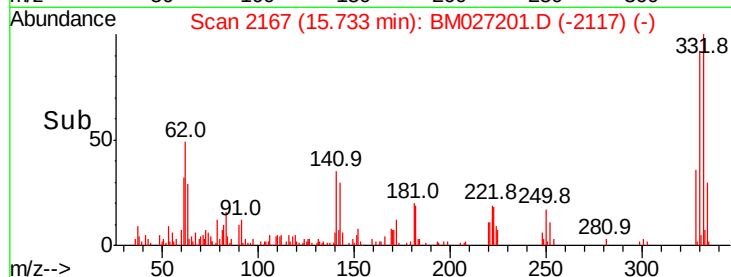


Abundance

Ion 329.80 (329.50 to 330.50): E

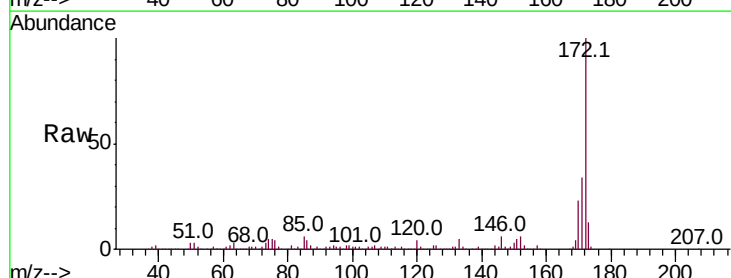
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 25.421 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM027201.D
 Acq: 24 Aug 2020 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.1	42.1
170	23.0	18.6	28.0

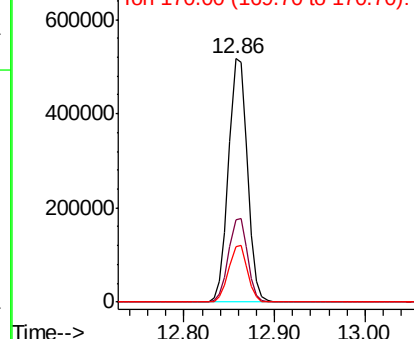
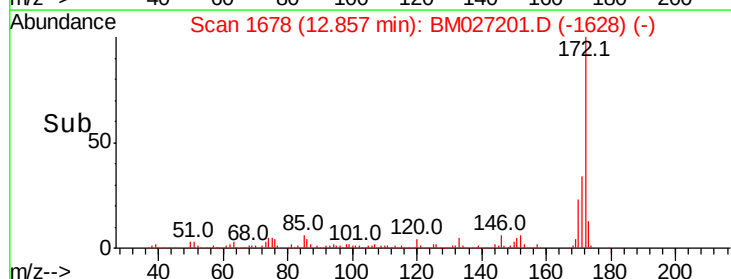


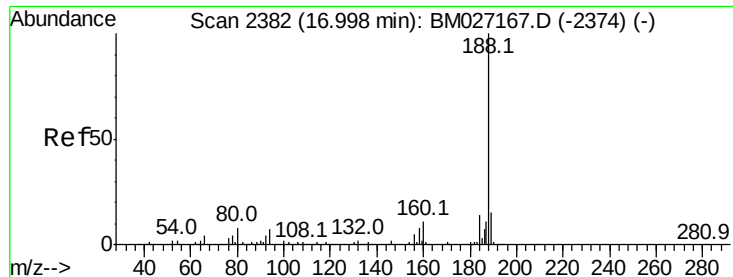
Abundance

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





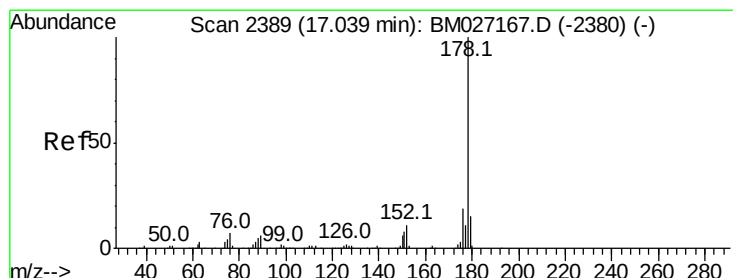
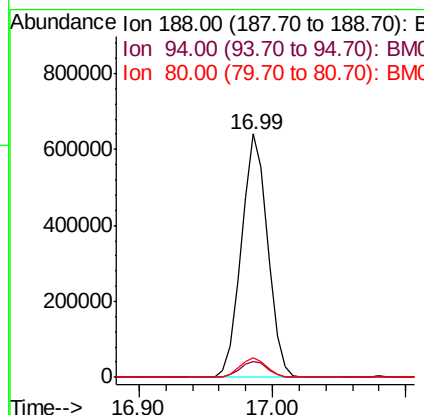
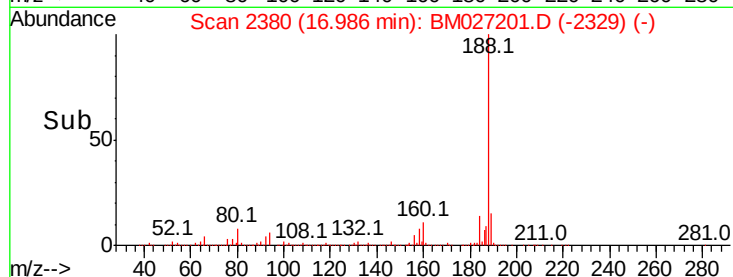
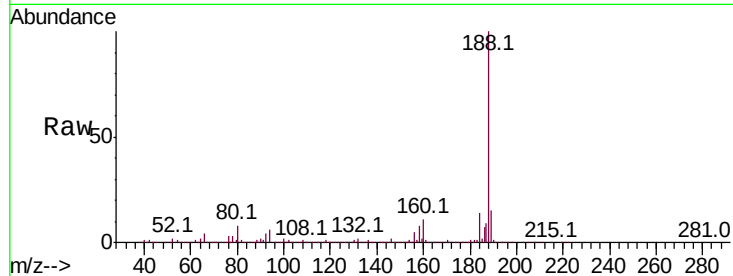
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027201.D
Acq: 24 Aug 2020 19:25

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ERE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	870221		
94	6.4		5.5	8.3
80	8.3		6.2	9.4

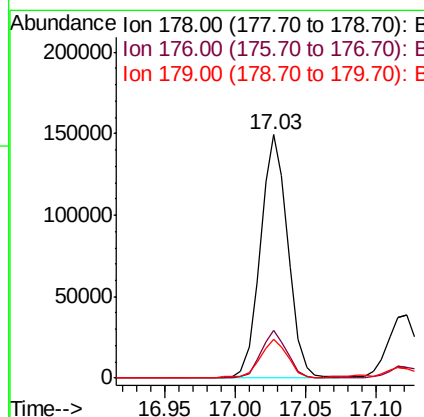
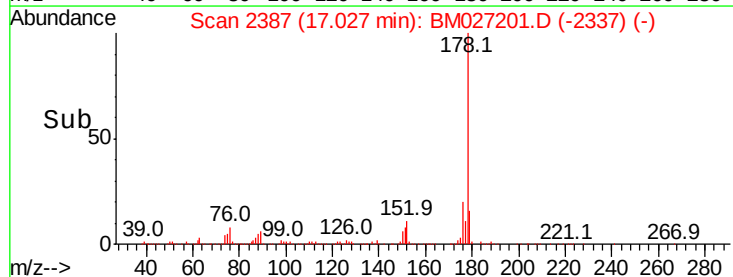
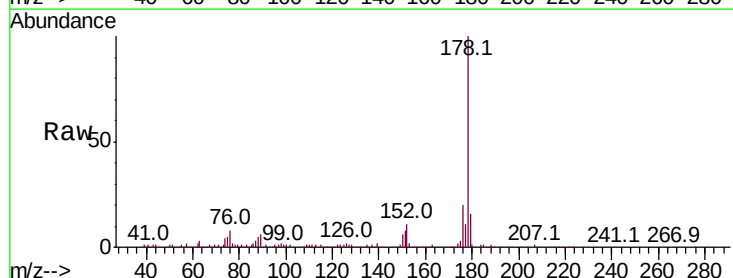
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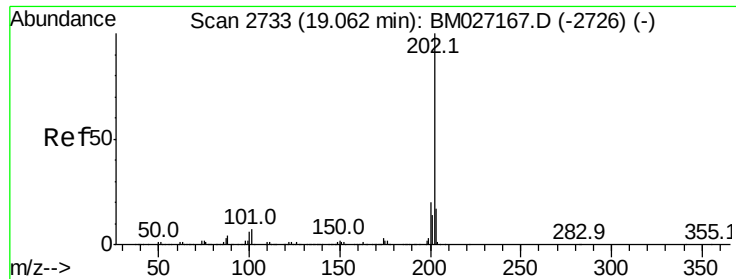
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#71
Phenanthrene
Concen: 4.217 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM027201.D
Acq: 24 Aug 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	204021		
176	19.9		15.0	22.6
179	15.7		12.0	18.0





#75

Fluoranthene

Concen: 6.580 ng

RT: 19.05 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM027201.D

Acq: 24 Aug 2020 19:25

Instrument :

BNA_M

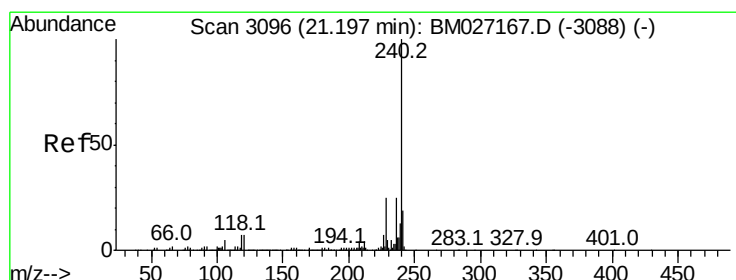
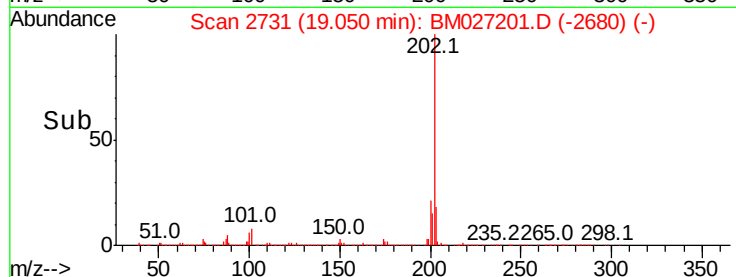
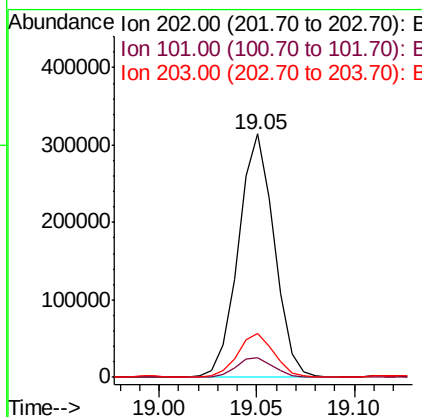
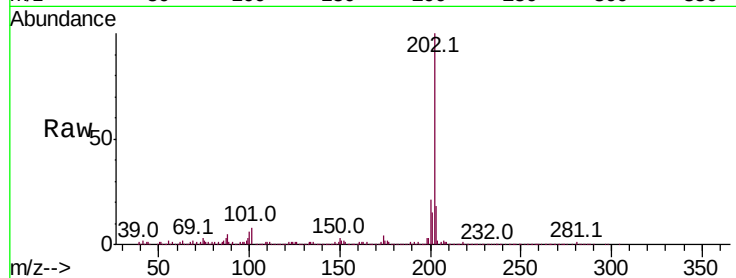
ClientSampleId :

EROC-BF-1ERE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.2	0.0	27.2
203	17.8	0.0	37.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

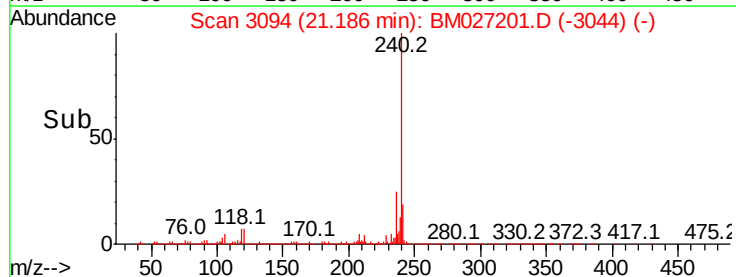
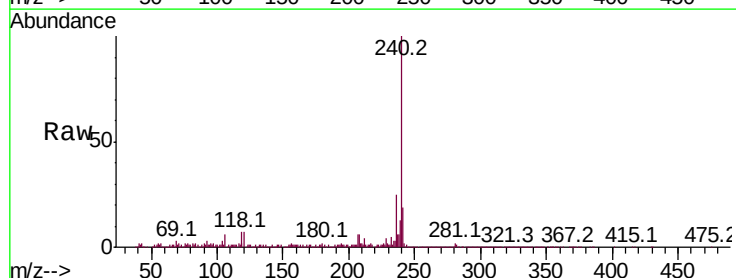
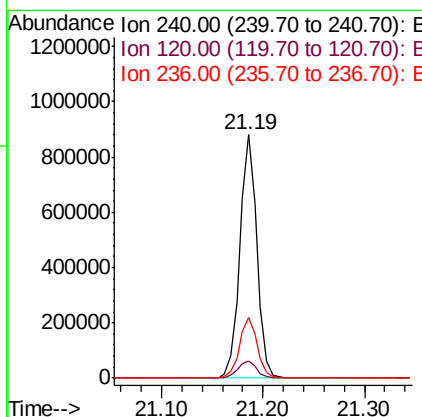
RT: 21.19 min Scan# 3094

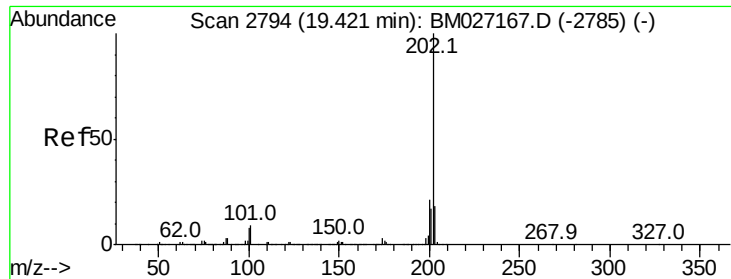
Delta R.T. -0.01 min

Lab File: BM027201.D

Acq: 24 Aug 2020 19:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.2	5.6	8.4
236	25.1	19.8	29.6





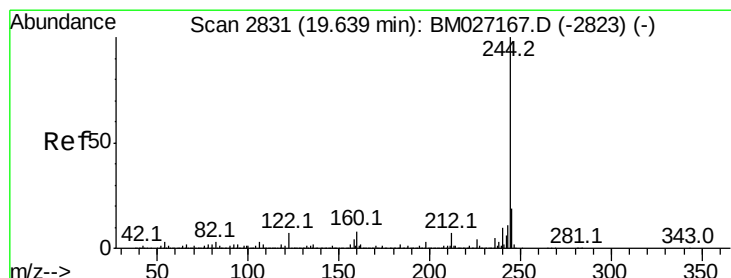
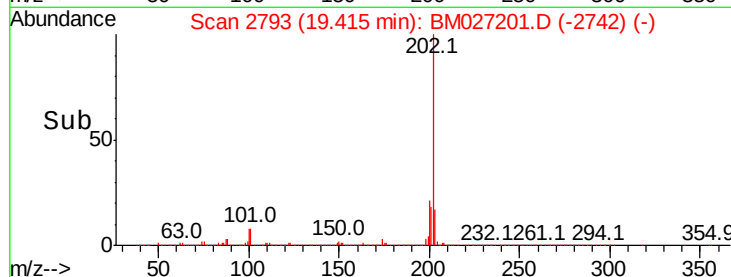
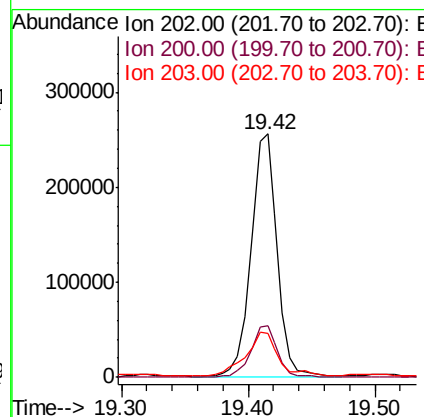
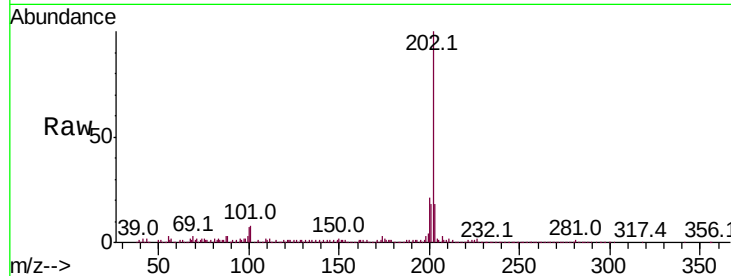
#78
Pvrene
Concen: 5.891 ng
RT: 19.42 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BM027201.D
Acq: 24 Aug 2020 19:25

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ERE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.0	14.0	21.0

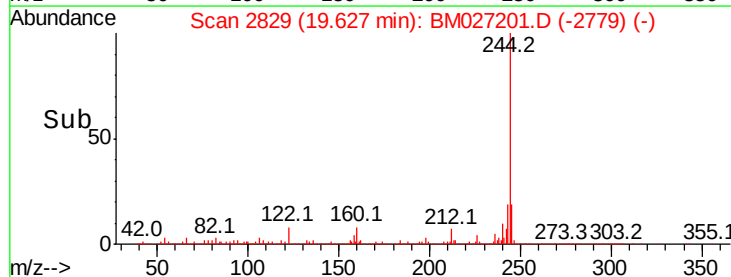
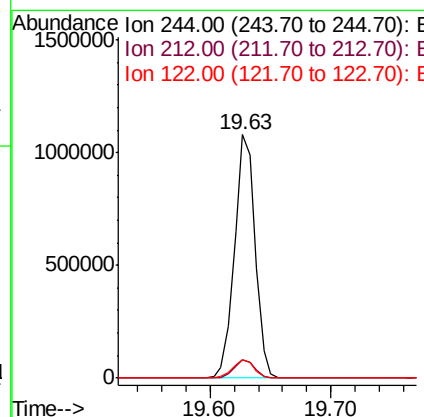
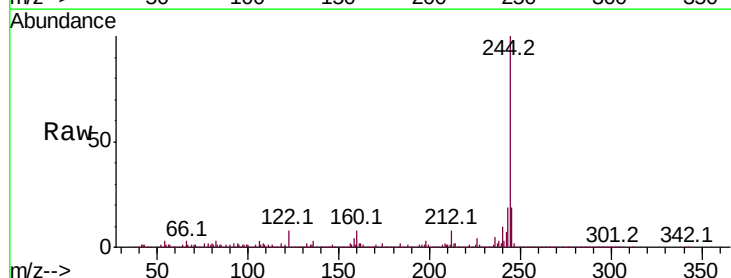
Manual Integrations
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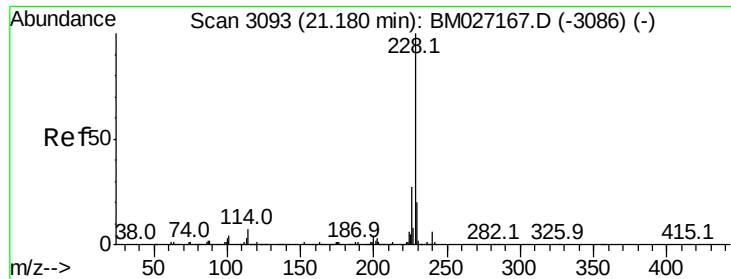
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#79
Terphenyl-d14
Concen: 23.627 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM027201.D
Acq: 24 Aug 2020 19:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.8	5.8	8.8





#81

Benzo(a)anthracene

Concen: 3.173 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM027201.D

Acq: 24 Aug 2020 19:25

Instrument :

BNA_M

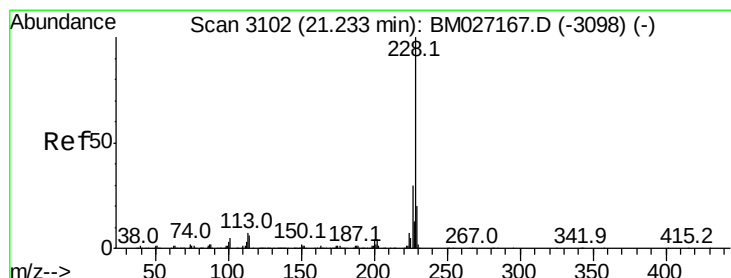
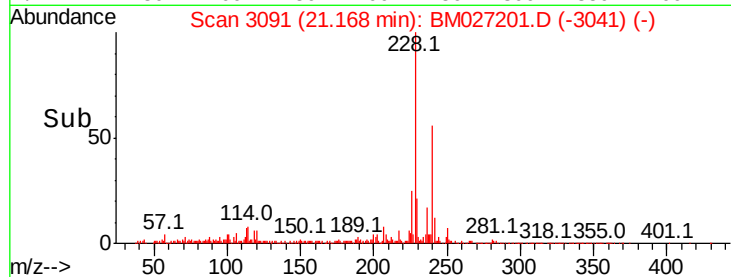
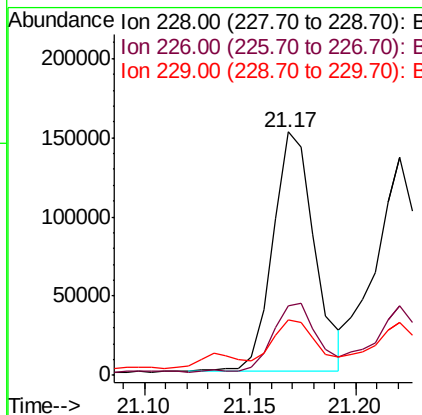
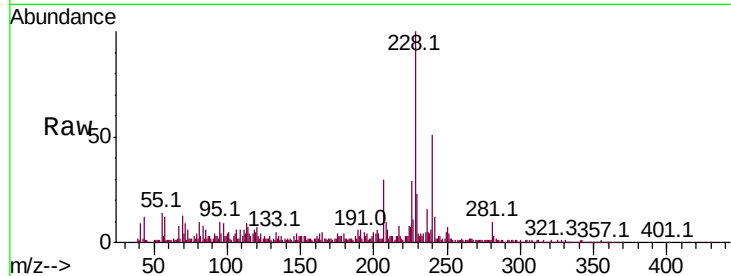
ClientSampleId :

EROC-BF-1ERE

Tot Ion:	228	Resp:	208737
Ion Ratio	Lower	Upper	
228	100		
226	28.5	21.4	32.2
229	22.9	15.8	23.6

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#83

Chrysene

Concen: 3.077 ng m

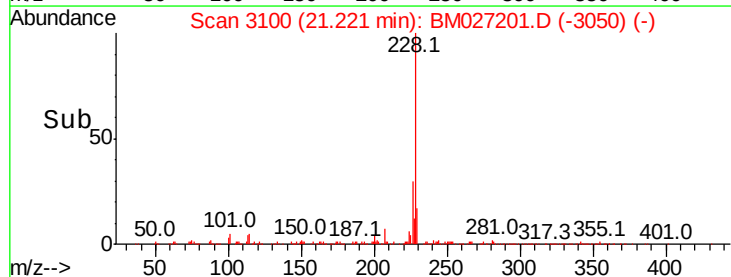
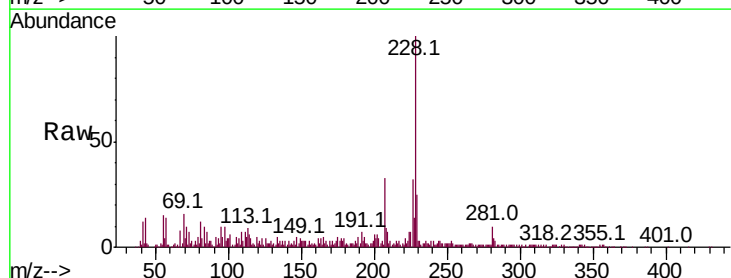
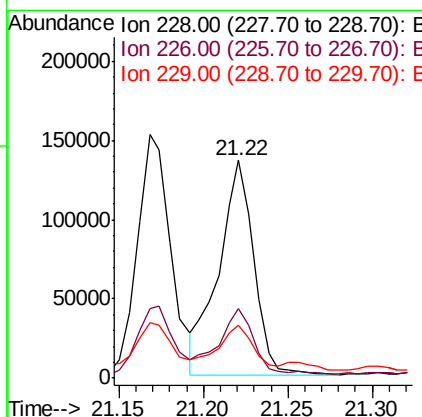
RT: 21.22 min Scan# 3100

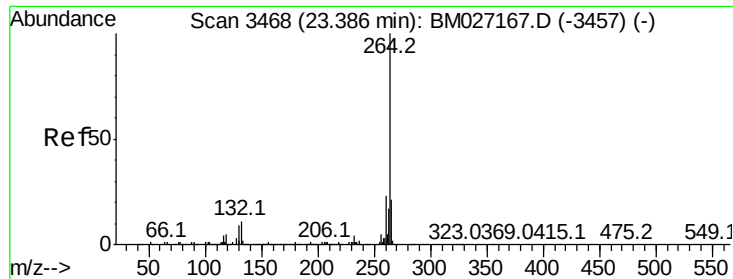
Delta R.T. -0.01 min

Lab File: BM027201.D

Acq: 24 Aug 2020 19:25

Tgt Ion:	228	Resp:	196575
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.7	35.5
229	24.6	15.8	23.8#





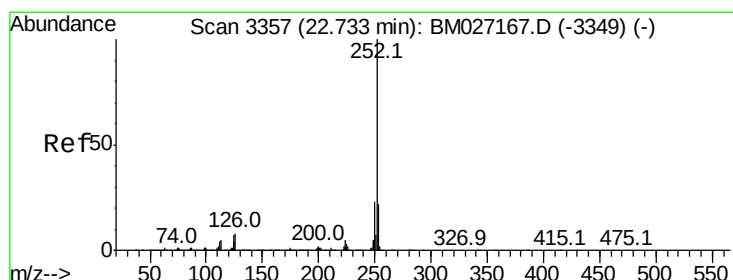
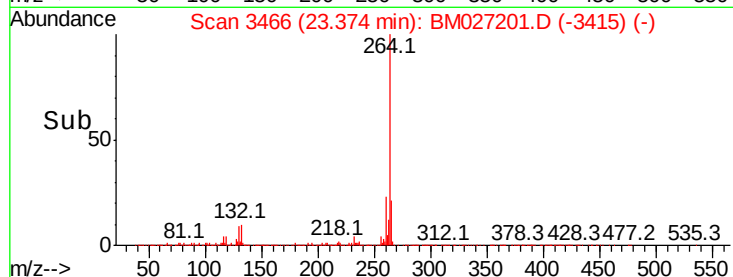
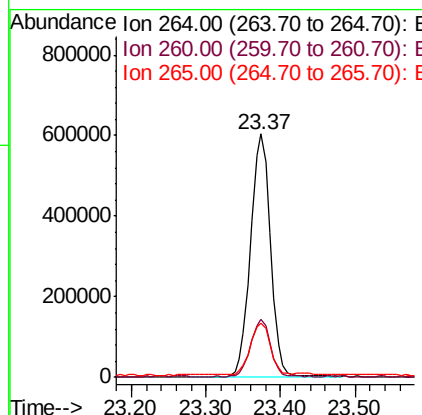
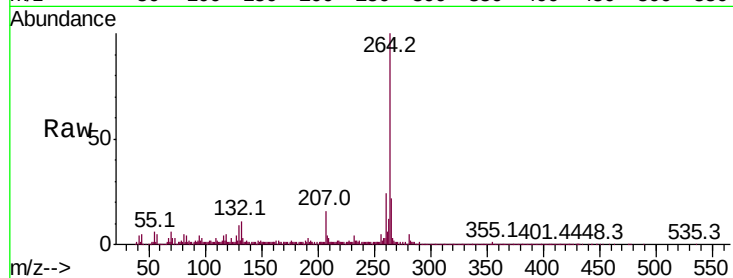
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BM027201.D
Acq: 24 Aug 2020 19:25

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1ERE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.0	17.5	26.3

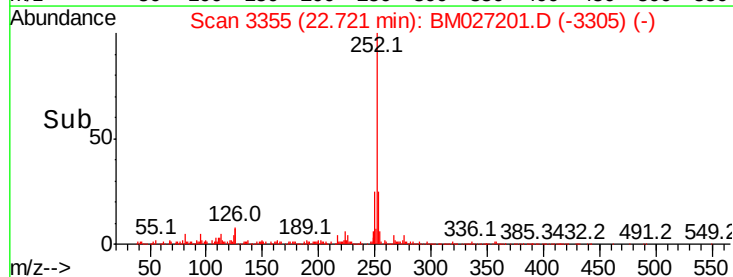
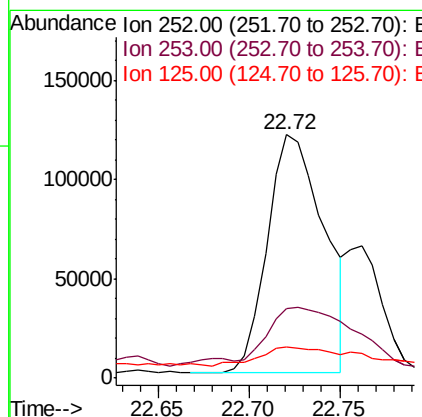
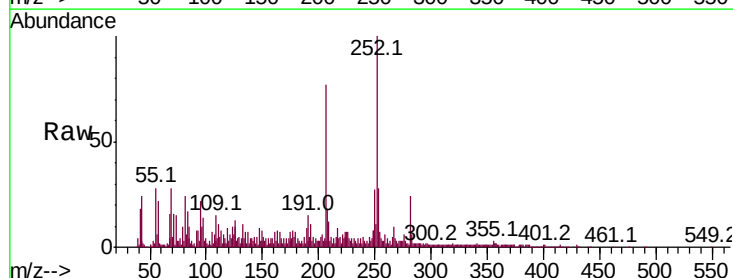
Manual Integrations
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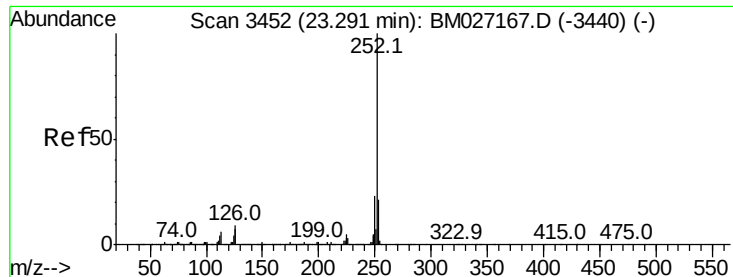
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#88
Benzo(b)fluoranthene
Concen: 3.510 ng m
RT: 22.72 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM027201.D
Acq: 24 Aug 2020 19:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.7	26.5#
125	13.0	5.4	8.0#





#90

Benzo(a)pyrene

Concen: 2.788 ng

RT: 23.27 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM027201.D

Acq: 24 Aug 2020 19:25

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1ERE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		189512		
253	27.6	17.1	25.7#		
125	12.9	5.8	8.6#		

Manual Integrations
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