

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027204.D
 Acq On : 24 Aug 2020 21:15
 Operator : JU/CG
 Sample : L3734-05RE 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1DRE

Manual Integrations
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Quant Time: Aug 25 01:52:37 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	7.61	152	207533	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	773061	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	489277	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1000892	20.00	ng	0.00
76) Chrysene-d12	21.19	240	938809	20.00	ng	0.00
86) Perylene-d12	23.38	264	1044823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	295792	27.79	ng	0.00
7) Phenol-d6	6.79	99	519256	35.53	ng	0.00
23) Nitrobenzene-d5	8.75	82	412932	22.04	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	90183	11.38	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	848163	22.77	ng	0.00
79) Terphenyl-d14	19.63	244	1037006	20.63	ng	0.00
Target Compounds						
71) Phenanthrene	17.03	178	168677	3.032	ng	99
75) Fluoranthene	19.06	202	322712	4.643	ng	99
78) Pyrene	19.42	202	309729	5.422	ng	97
81) Benzo(a)anthracene	21.17	228	166975	2.745	ng	# 93
83) Chrysene	21.23	228	162727	2.754	ng	# 95
88) Benzo(b)fluoranthene	22.73	252	212635m	3.052	ng	
90) Benzo(a)pyrene	23.29	252	153420	2.412	ng	# 85

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

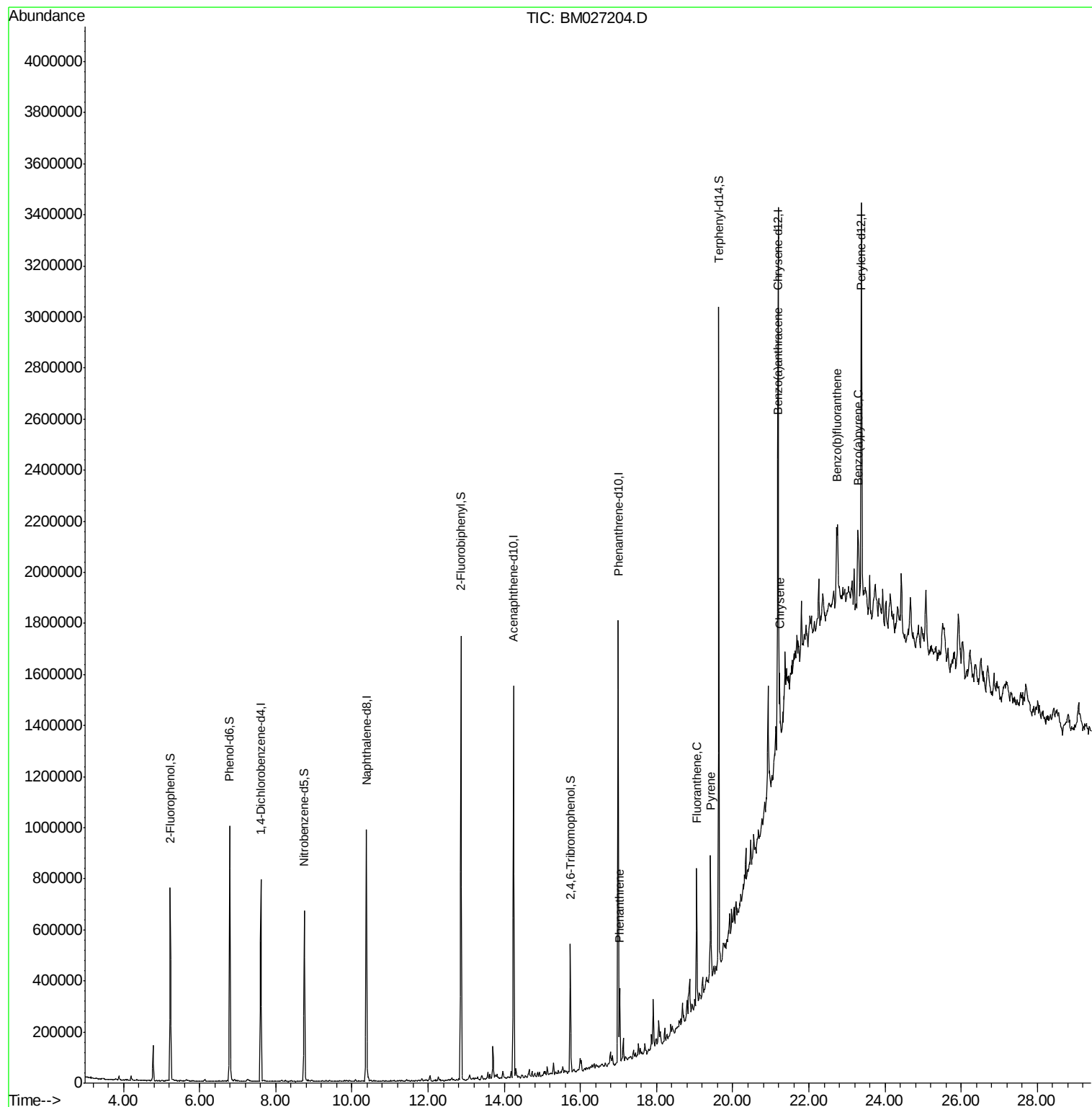
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027204.D
Acq On : 24 Aug 2020 21:15
Operator : JU/CG
Sample : L3734-05RE 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

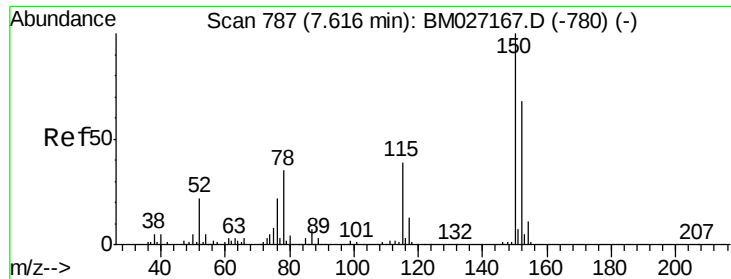
Instrument :
BNA_M
ClientSampleId :
EROC-BF-1DRE

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Quant Time: Aug 25 01:52:37 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

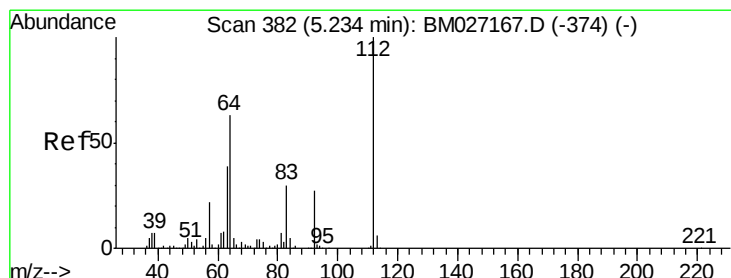
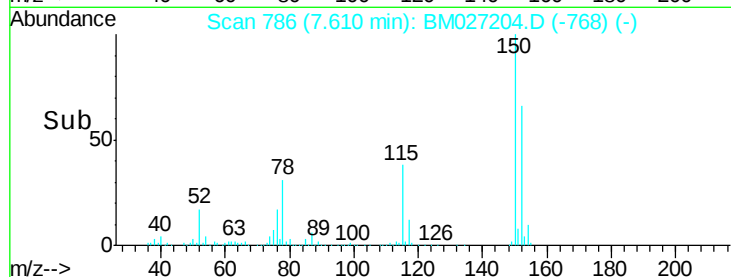
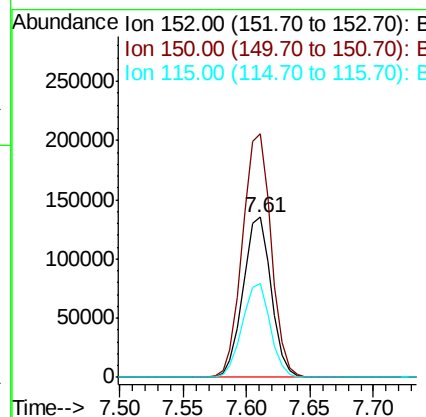
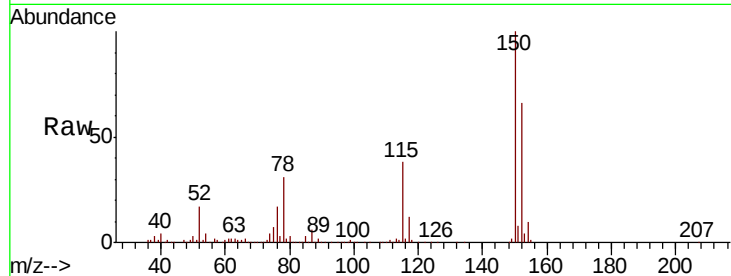
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. 0.01 min
Lab File: BM027204.D
Acq: 24 Aug 2020 21:15

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1DRE

Tot Ion	Ratio	Resp	Lower	Upper
152	100	207533		
150	152.1		118.2	177.4
115	58.4		46.1	69.1

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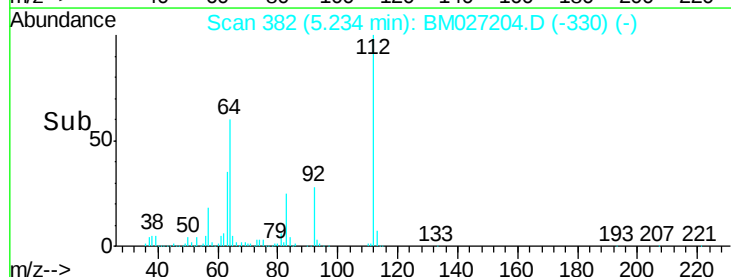
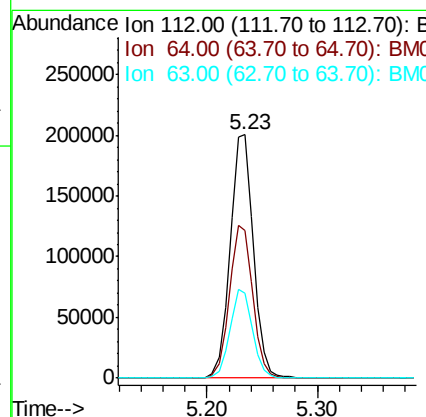
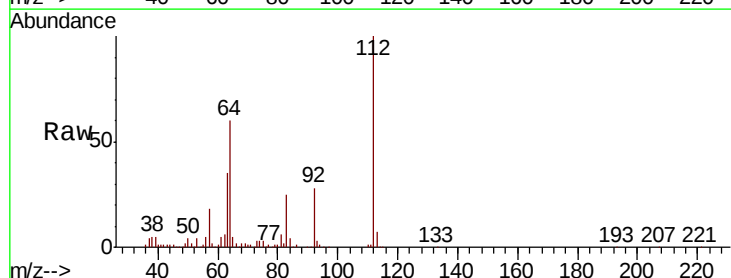
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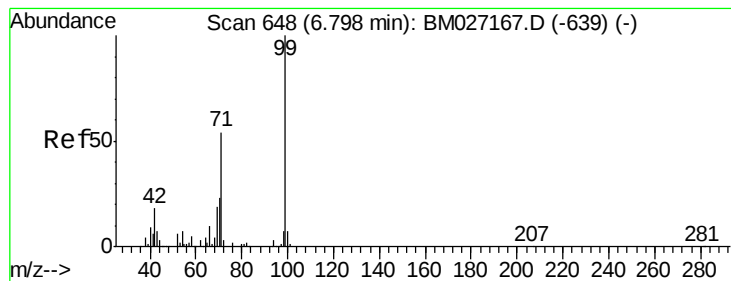


#5

2-Fluorophenol
Concen: 27.785 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM027204.D
Acq: 24 Aug 2020 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	295792		
64	60.4		50.0	75.0
63	34.6		31.6	47.4





#7

Phenol-d6

Concen: 35.525 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

Instrument :

BNA_M

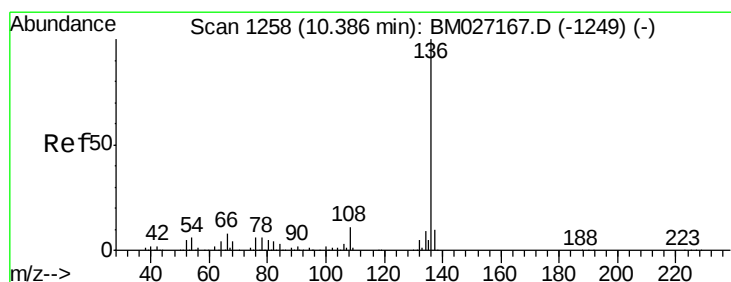
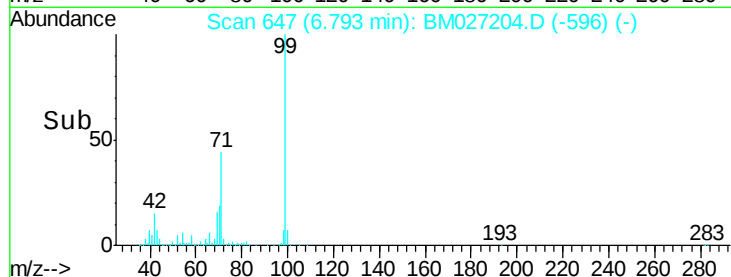
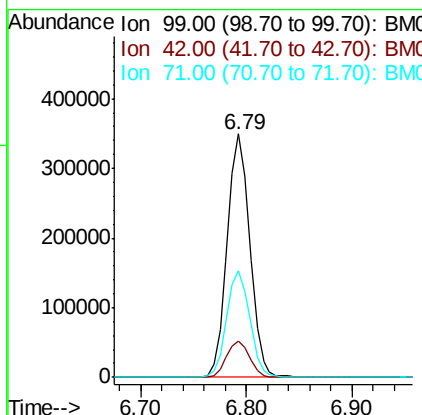
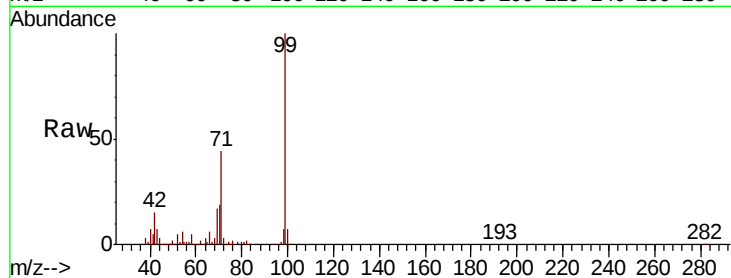
ClientSampleId :

EROC-BF-1DRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		519256		
42	14.7	14.5	21.7		
71	43.8	43.0	64.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

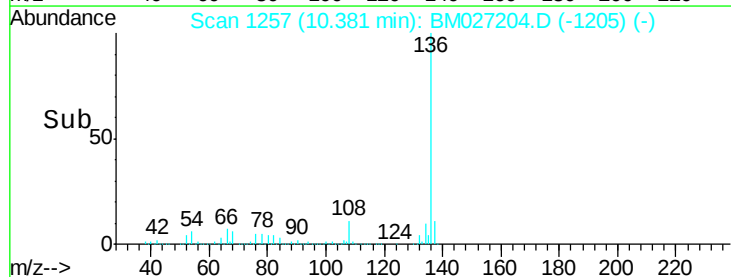
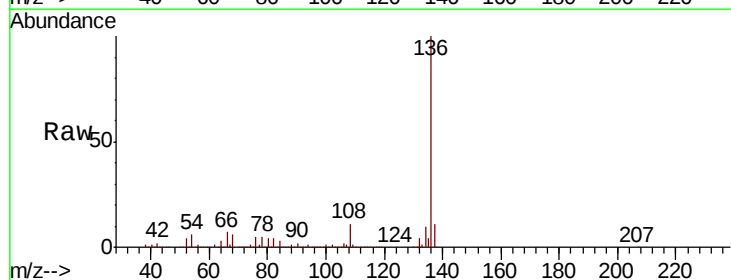
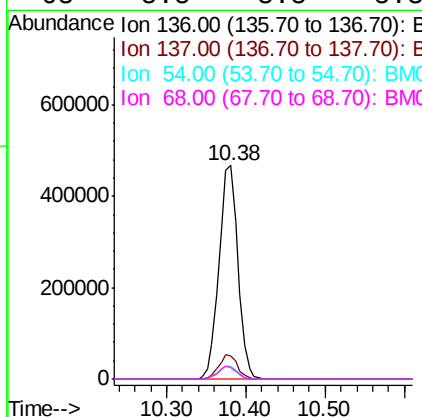
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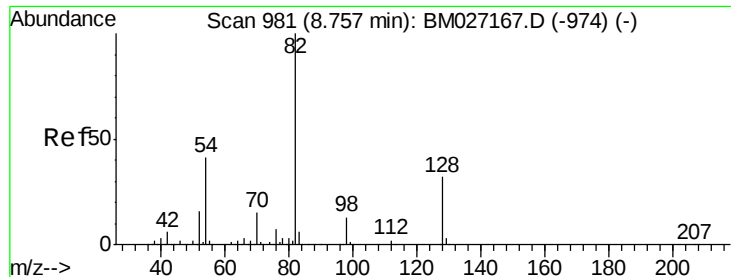
Delta R.T. 0.01 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		773061		
137	10.9	8.2	12.4		
54	5.8	4.8	7.2		
68	5.5	3.5	5.3#		





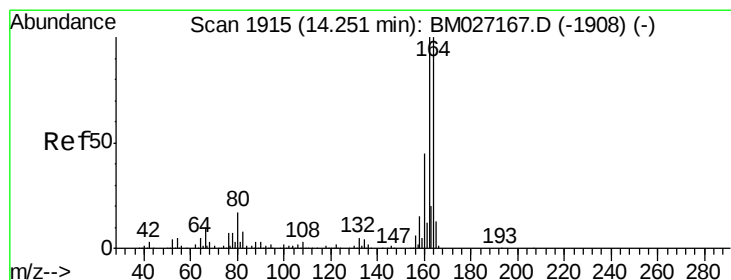
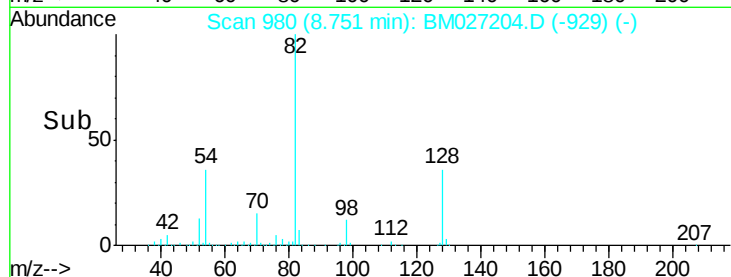
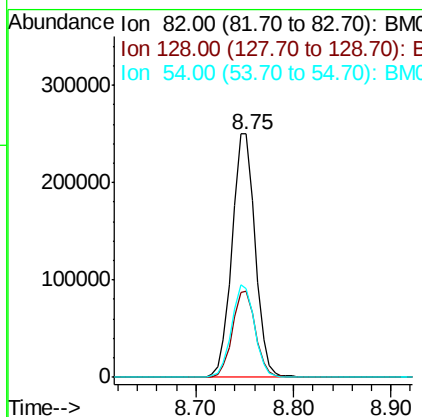
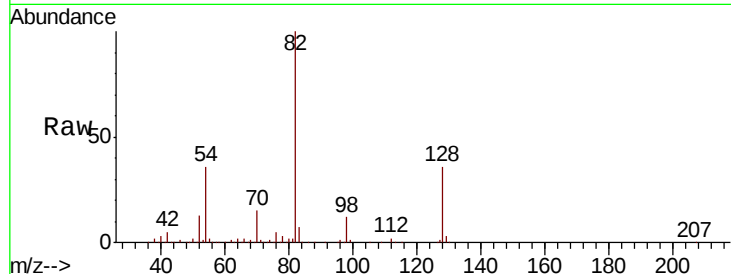
#23
Nitrobenzene-d5
Concen: 22.038 ng
RT: 8.75 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM027204.D
Acq: 24 Aug 2020 21:15

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1DRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	25.7	38.5
54	36.4	33.0	49.4

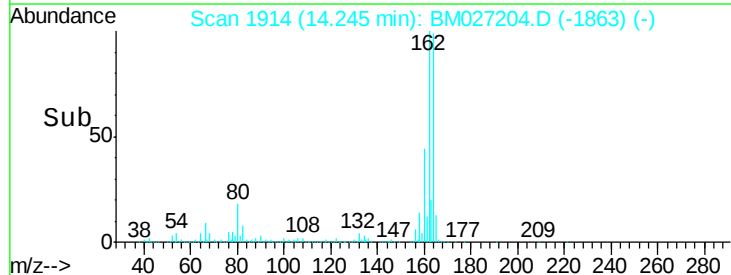
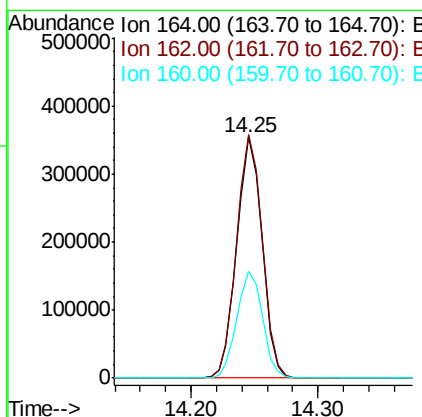
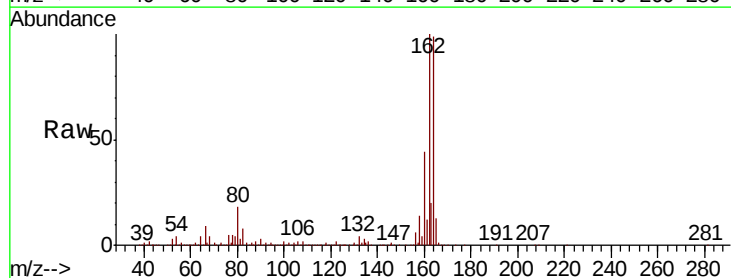
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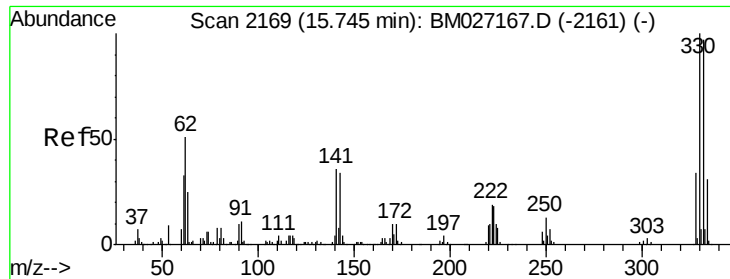
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BM027204.D
Acq: 24 Aug 2020 21:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.4
160	44.4	36.3	54.5





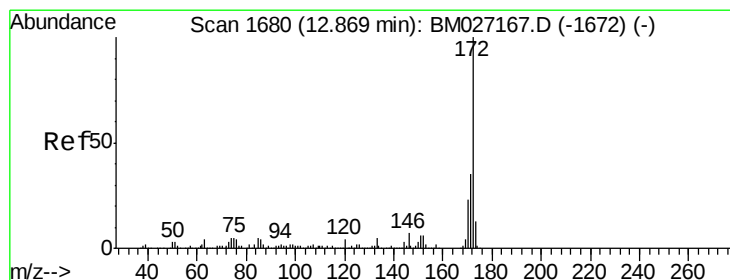
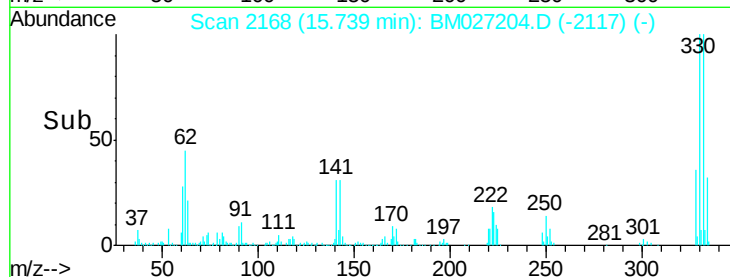
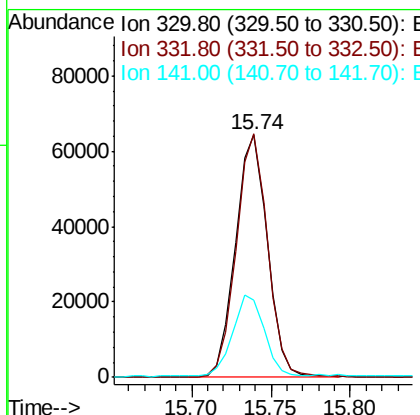
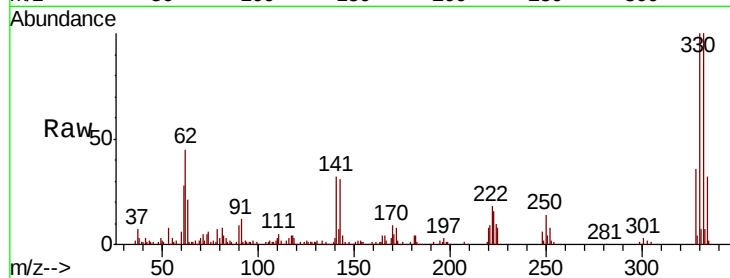
#42
 2,4,6-Tribromophenol
 Concen: 11.382 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BM027204.D
 Acq: 24 Aug 2020 21:15

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1DRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.2	115.8
141	33.1	31.0	46.6

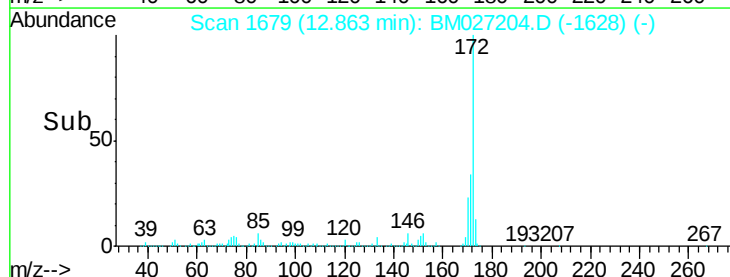
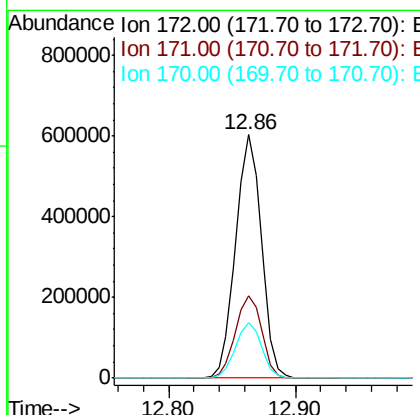
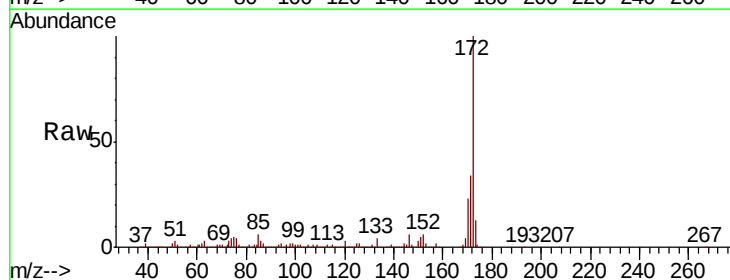
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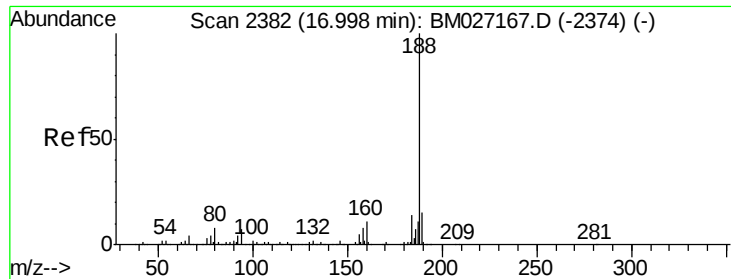
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#45
 2-Fluorobiphenyl
 Concen: 22.772 ng
 RT: 12.86 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM027204.D
 Acq: 24 Aug 2020 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	22.6	18.6	28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1DRE

Tot Ion:188 Resp: 1000892

Ion Ratio Lower Upper

188 100

94 7.3 5.5 8.3

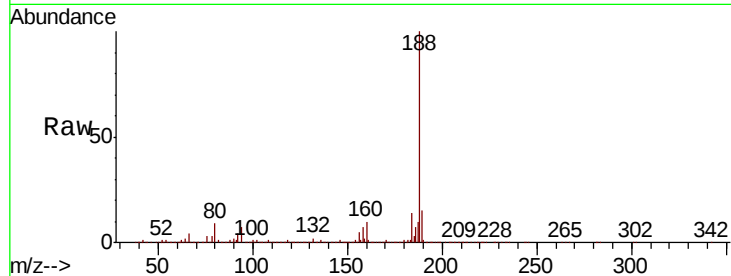
80 8.9 6.2 9.4

Manual Integrations

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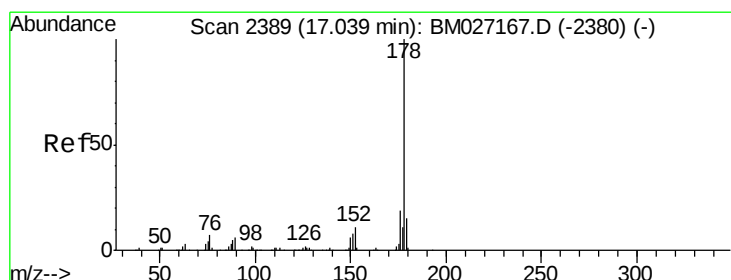
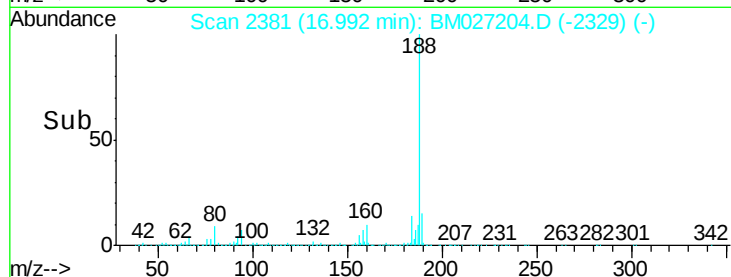
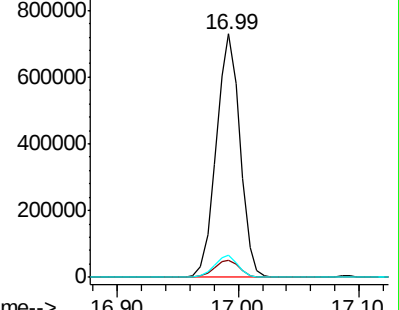
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 3.032 ng

RT: 17.03 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

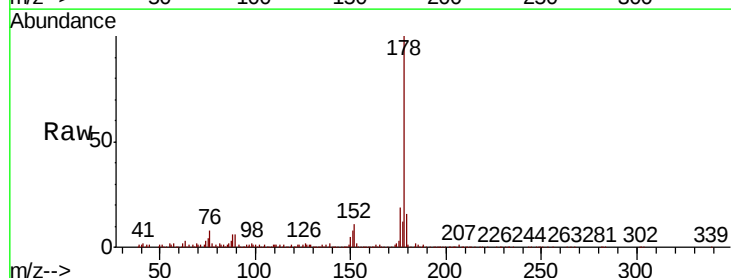
Tgt Ion:178 Resp: 168677

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

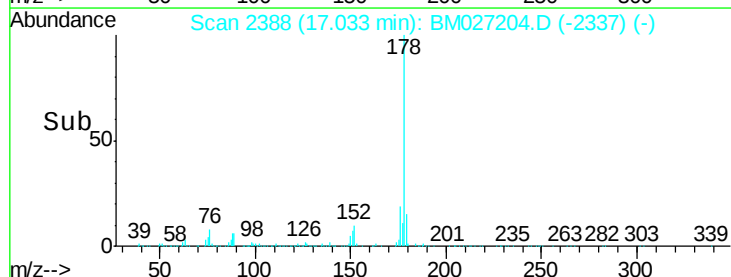
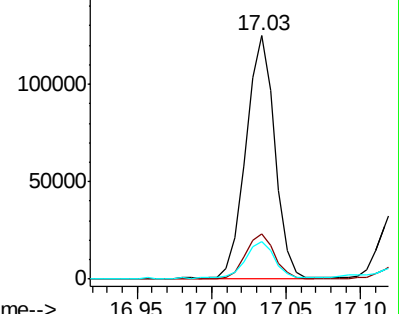
179 15.6 12.0 18.0

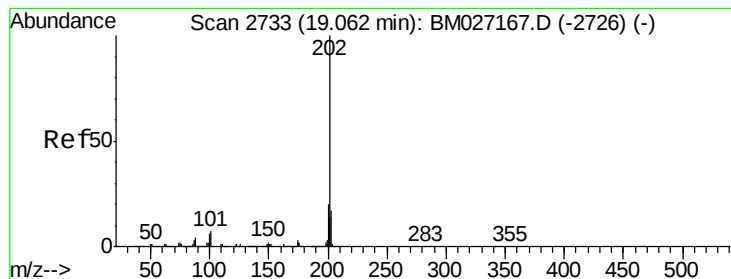


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.643 ng

RT: 19.06 min Scan# 2732

Delta R.T. 0.01 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

Instrument :

BNA_M

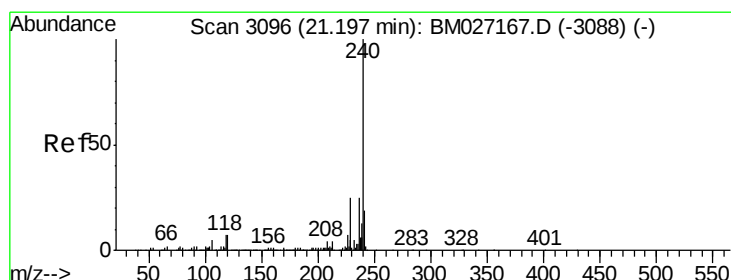
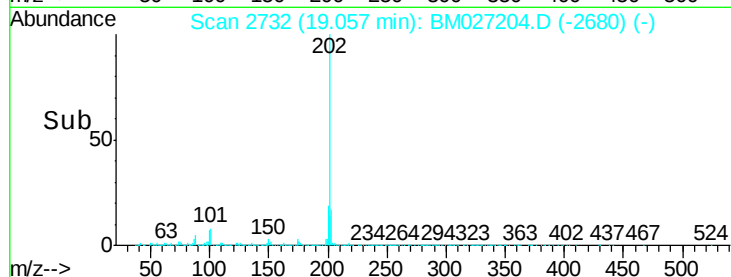
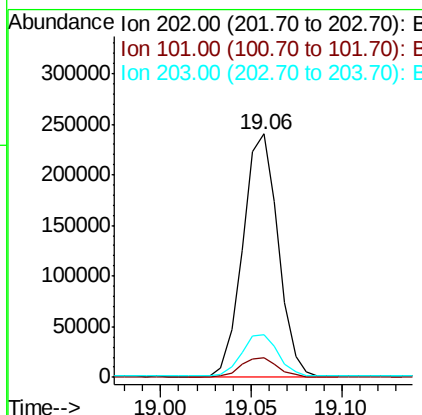
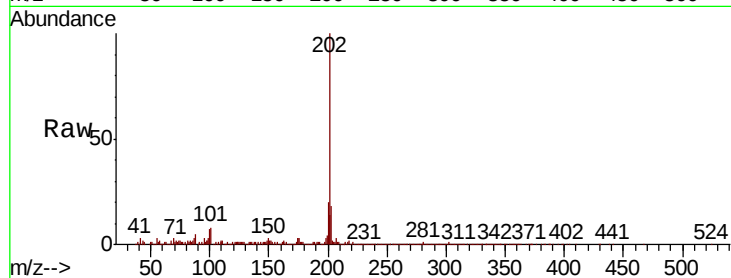
ClientSampleId :

EROC-BF-1DRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		322712		
101	8.2	0.0	27.2		
203	17.5	0.0	37.1		

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#76

Chrysene-d12

Concen: 20.000 ng

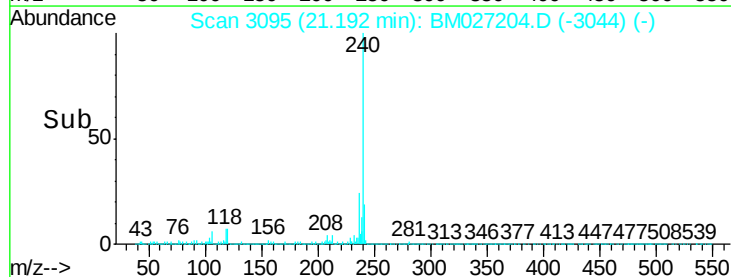
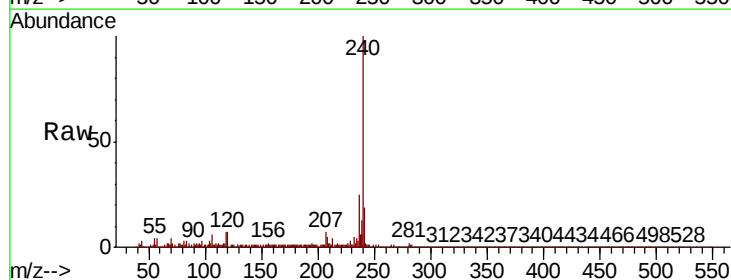
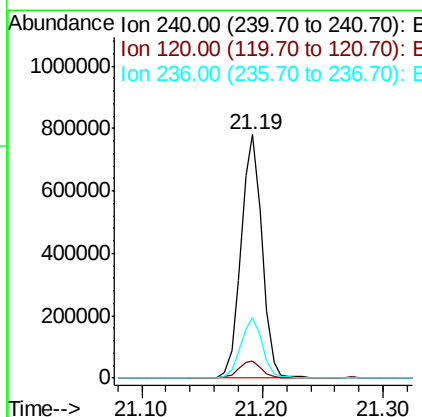
RT: 21.19 min Scan# 3095

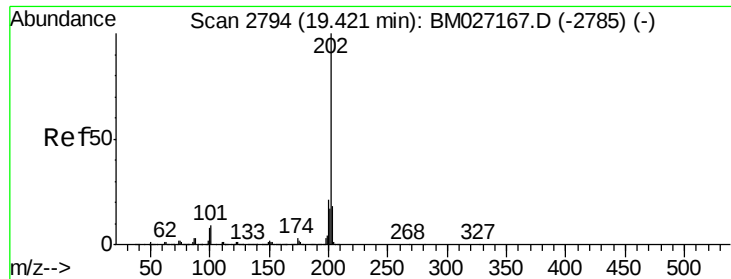
Delta R.T. 0.00 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		938809		
120	7.1	5.6	8.4		
236	24.6	19.8	29.6		





#78

Pvrene

Concen: 5.422 ng

RT: 19.42 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

Instrument :

BNA_M

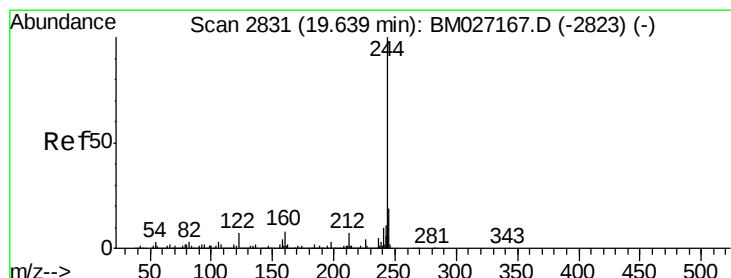
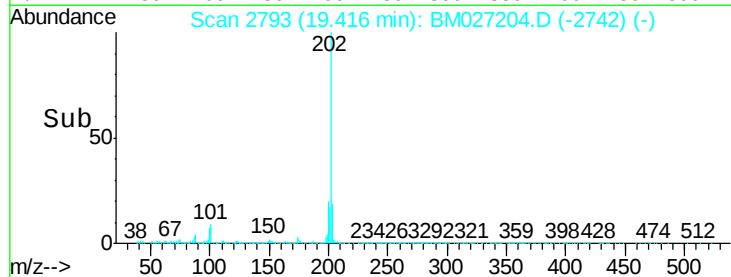
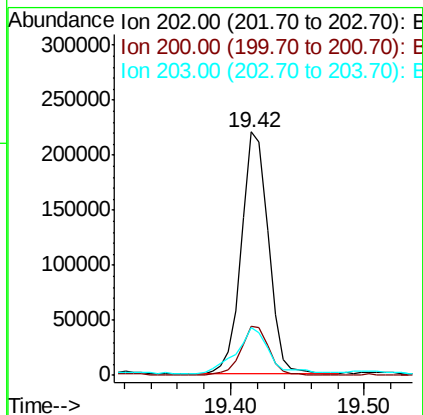
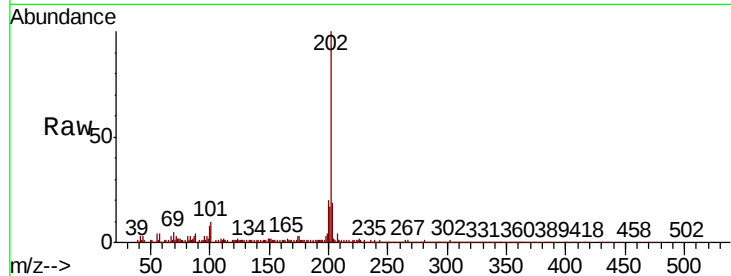
ClientSampleId :

EROC-BF-1DRE

Tot Ion:	202	Resp:	309729
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.6	25.0
203	19.4	14.0	21.0

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#79

Terphenyl-d14

Concen: 20.635 ng

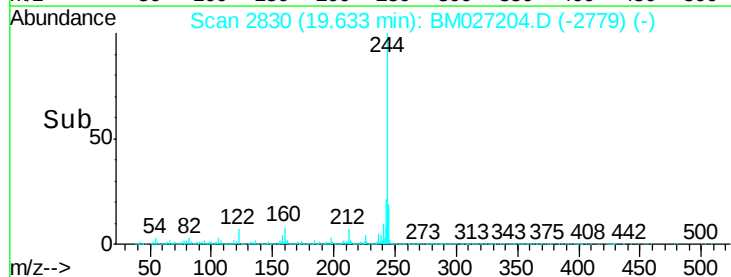
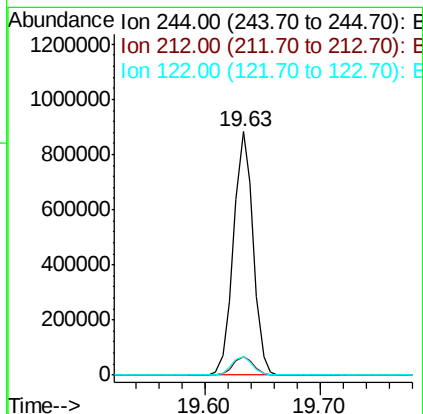
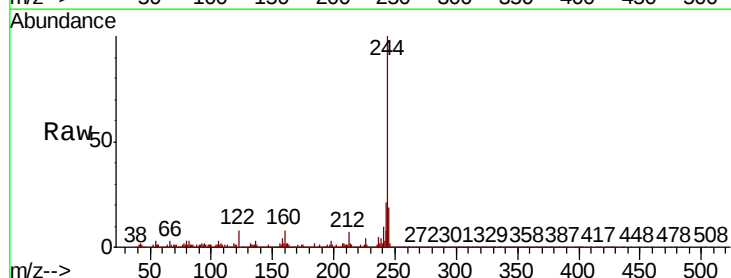
RT: 19.63 min Scan# 2830

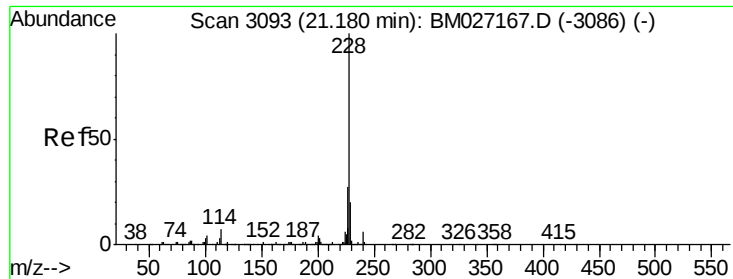
Delta R.T. 0.00 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

Tgt Ion:	244	Resp:	1037006
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.8
122	7.6	5.8	8.8





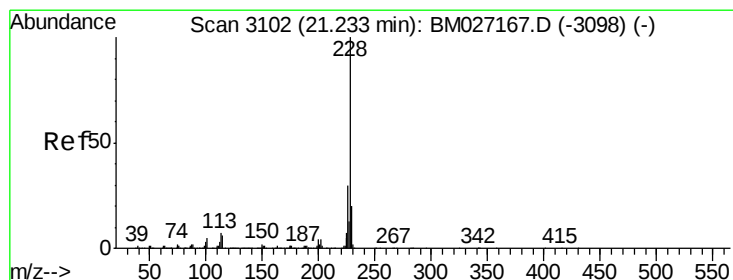
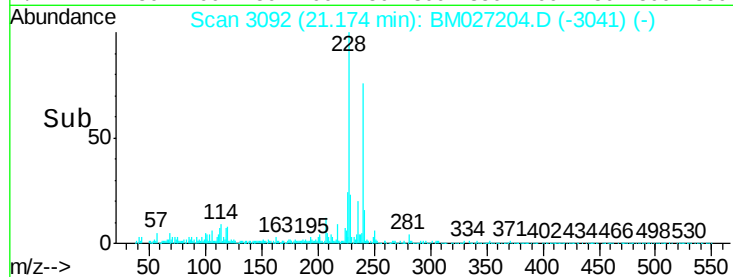
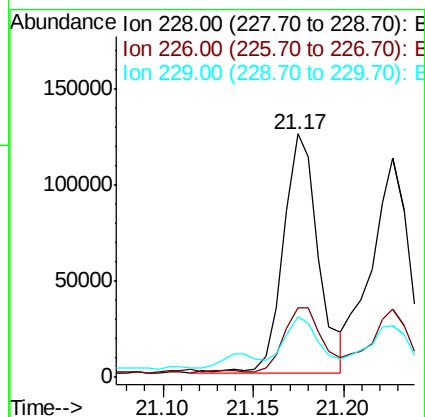
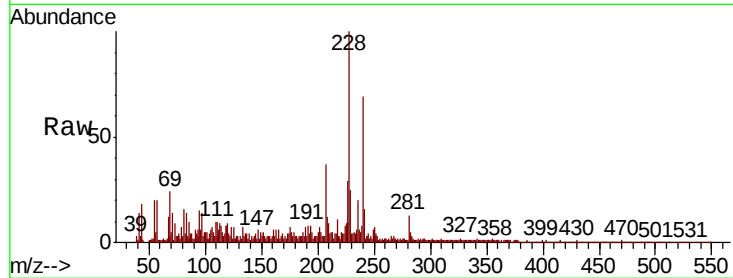
#81
Benzo(a)anthracene
Concen: 2.745 ng
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM027204.D
Acq: 24 Aug 2020 21:15

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1DRE

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.4	32.2
229	24.8	15.8	23.6

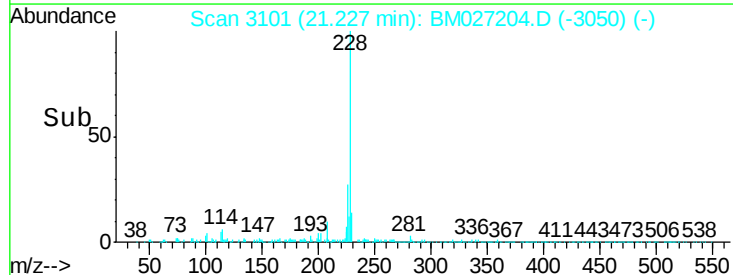
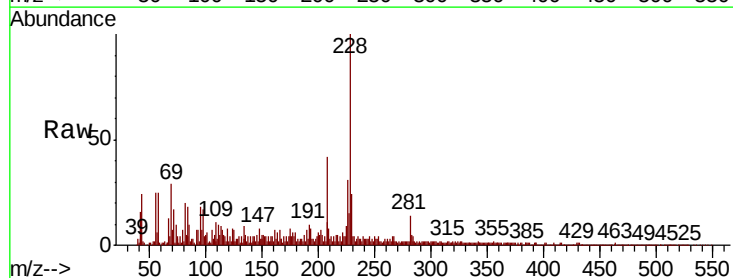
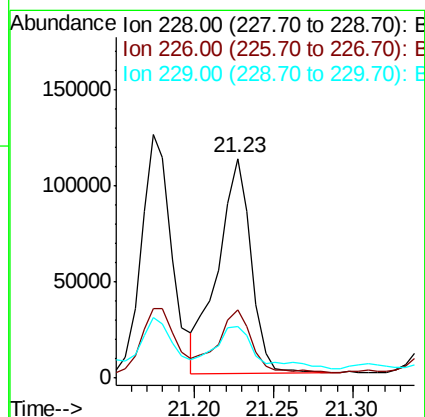
Manual Integrations
APPROVED

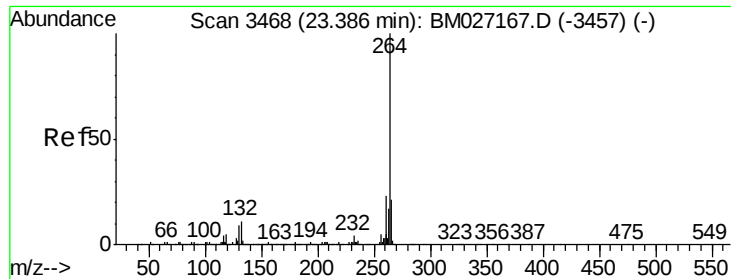
mohammad
8/25/2020 4:18:28 PM



#83
Chrysene
Concen: 2.754 ng
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM027204.D
Acq: 24 Aug 2020 21:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.7	35.5
229	23.8	15.8	23.8





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1DRE

Tot Ion:264 Resp: 1044823

Ion Ratio Lower Upper

264 100

260 22.6 18.8 28.2

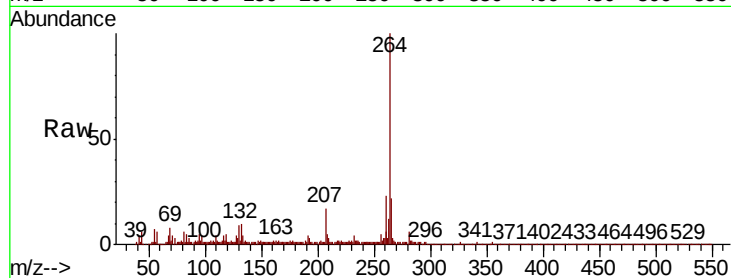
265 22.5 17.5 26.3

Manual Integrations

APPROVED

mohammad

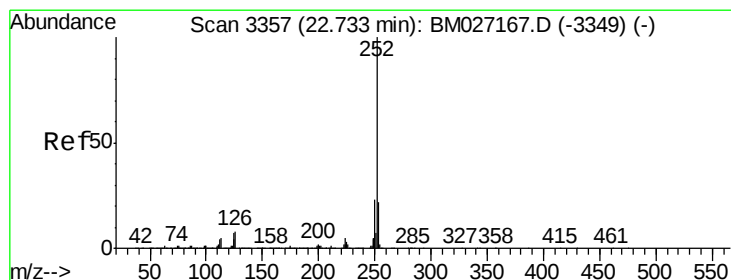
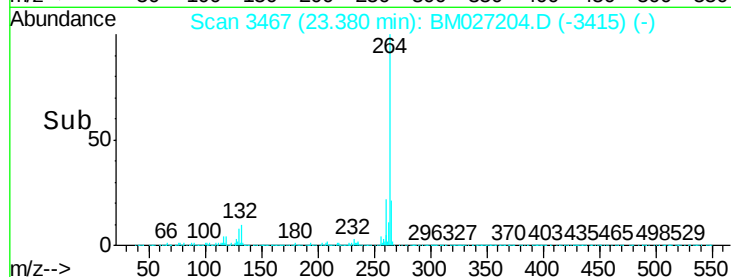
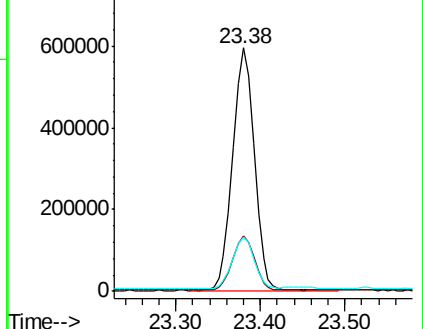
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 3.052 ng m

RT: 22.73 min Scan# 3357

Delta R.T. 0.01 min

Lab File: BM027204.D

Acq: 24 Aug 2020 21:15

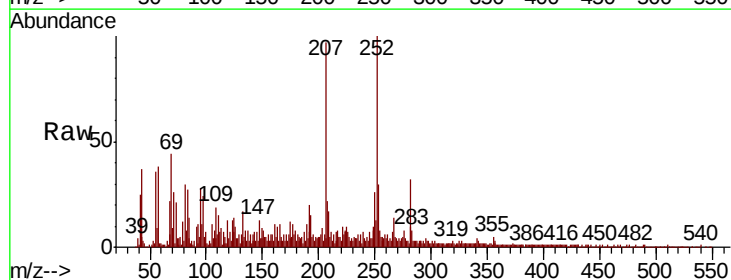
Tgt Ion:252 Resp: 212635

Ion Ratio Lower Upper

252 100

253 30.4 17.7 26.5#

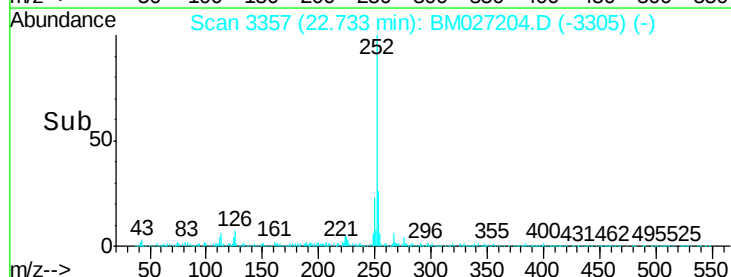
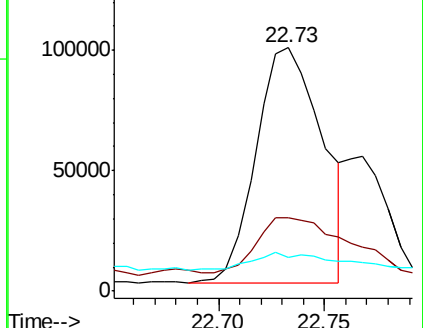
125 14.0 5.4 8.0#

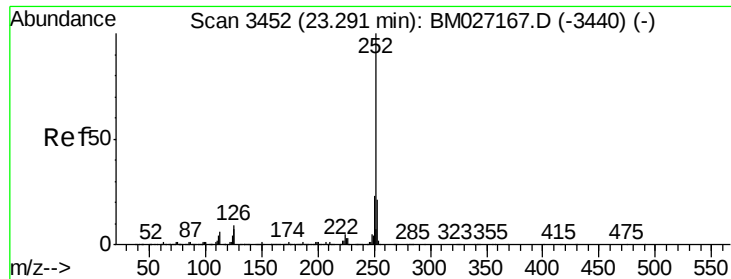


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.412 ng

RT: 23.29 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM027204.D

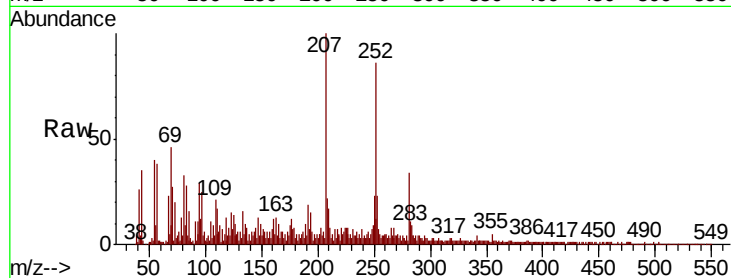
Acq: 24 Aug 2020 21:15

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1DRE



Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	16.4	5.8	8.6#

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:28 PM

