

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027203.D
 Acq On : 24 Aug 2020 20:38
 Operator : JU/CG
 Sample : L3734-04RE 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1CRE

Manual Integrations
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Quant Time: Aug 31 09:09:07 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	208243	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	762448	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	470062	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	866218	20.00	ng	0.00
76) Chrysene-d12	21.19	240	930080	20.00	ng	0.00
86) Perylene-d12	23.37	264	1040762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	109473	10.25	ng	0.00
7) Phenol-d6	6.79	99	527607	35.97	ng	0.00
23) Nitrobenzene-d5	8.75	82	479108	25.93	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	14565	1.91	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	947791	26.49	ng	0.00
79) Terphenyl-d14	19.63	244	1192094	23.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	82978	2.174	ng	98
71) Phenanthrene	17.03	178	272350	5.656	ng	99
75) Fluoranthene	19.06	202	511668	8.506	ng	98
78) Pyrene	19.42	202	494937	8.745	ng	99
81) Benzo(a)anthracene	21.17	228	269235m	4.467	ng	
83) Chrysene	21.22	228	262065m	4.477	ng	
84) Bis(2-ethylhexyl)phthalate	21.13	149	173373	5.889	ng	98
88) Benzo(b)fluoranthene	22.73	252	359627m	5.182	ng	
90) Benzo(a)pyrene	23.28	252	246339	3.888	ng	# 86
92) Benzo(g,h,i)perylene	26.23	276	171672	2.628	ng	94

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

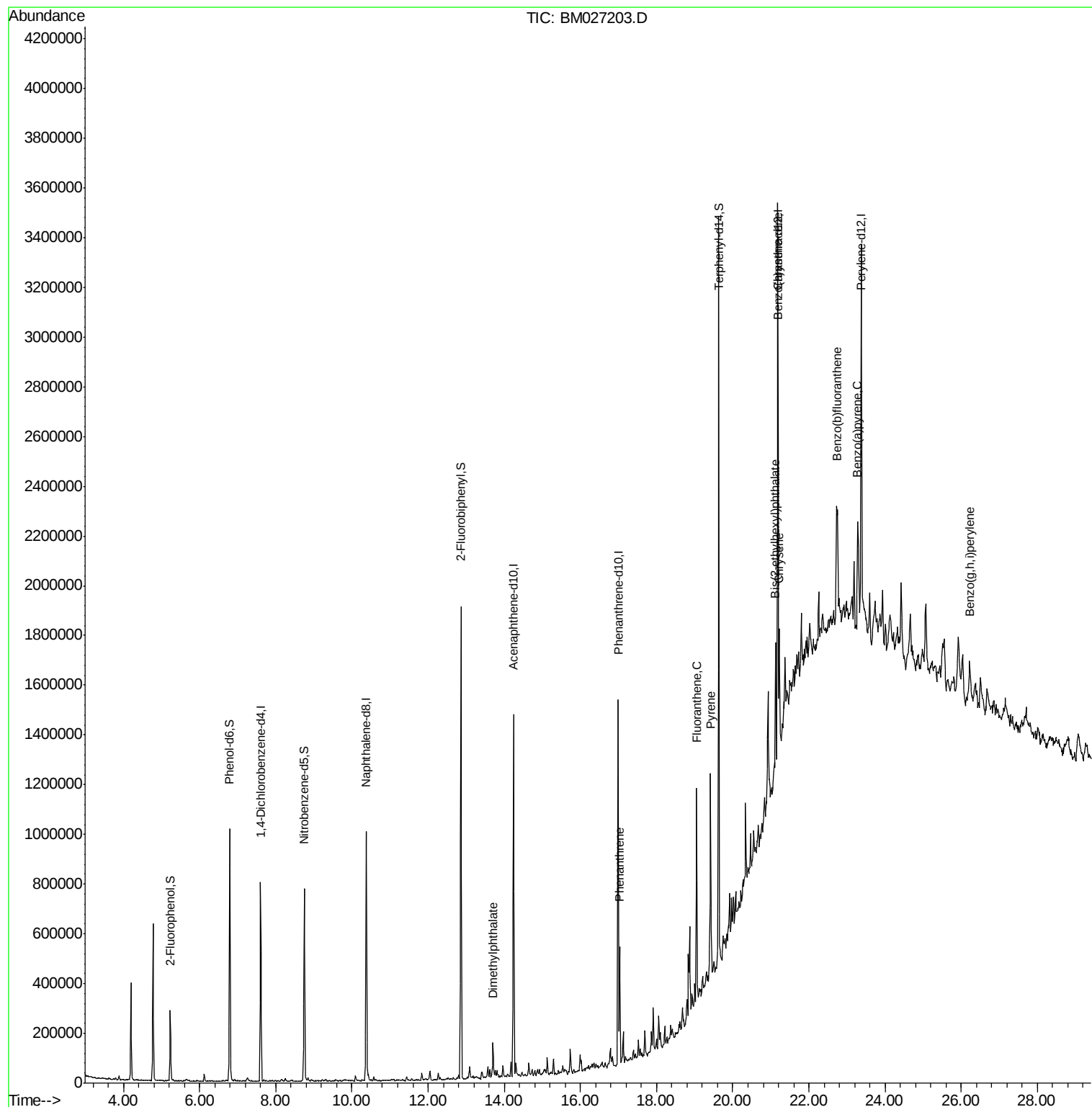
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027203.D
Acq On : 24 Aug 2020 20:38
Operator : JU/CG
Sample : L3734-04RE 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

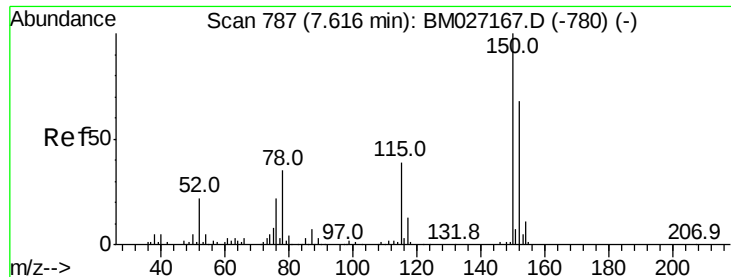
Instrument :
BNA_M
ClientSampleId :
EROC-BF-1CRE

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Quant Time: Aug 31 09:09:07 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

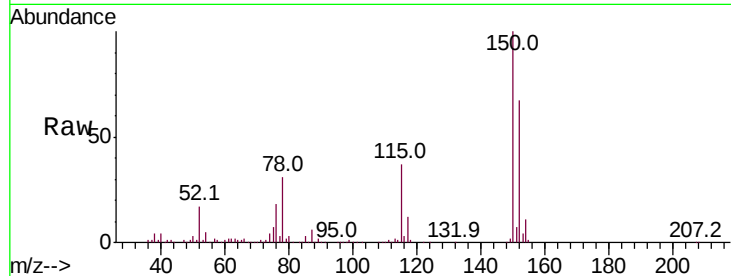
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. 0.01 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1CRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	118.2	177.4
115	55.9	46.1	69.1

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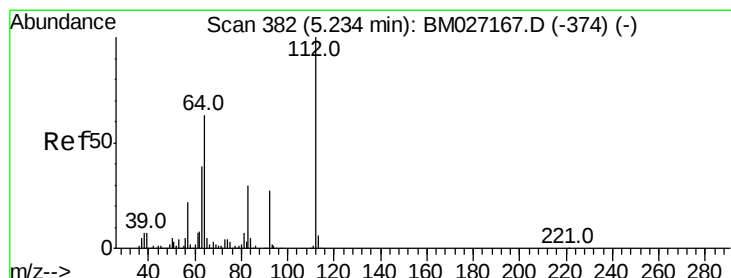
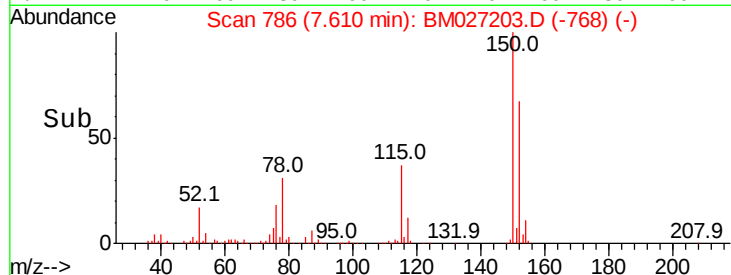
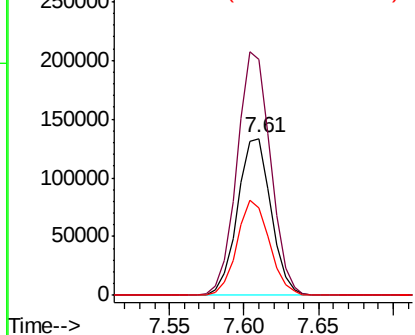


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

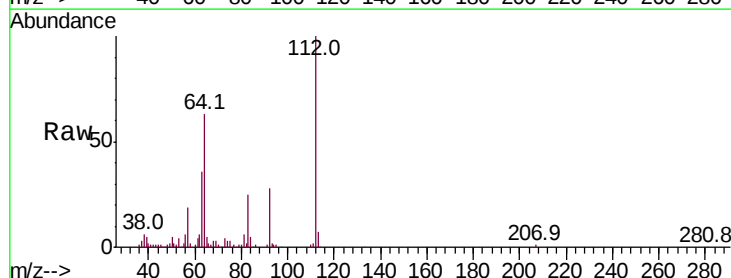
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.248 ng
RT: 5.23 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.0	75.0
63	35.7	31.6	47.4

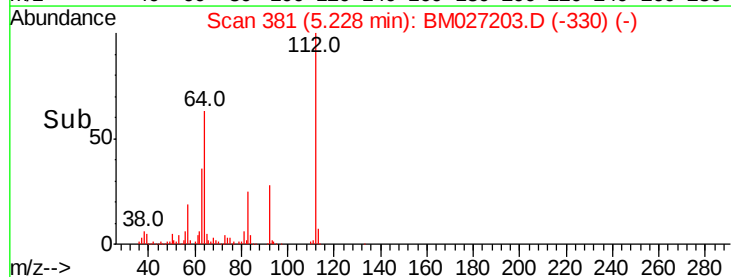
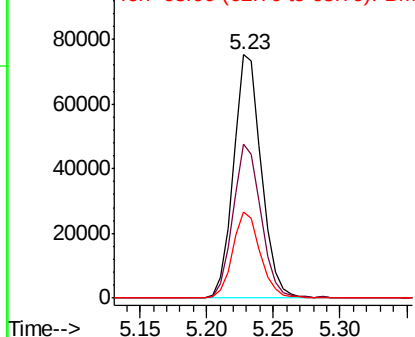


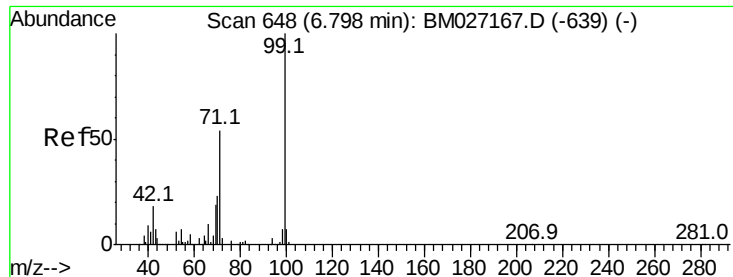
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: 35.973 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027203.D

Acq: 24 Aug 2020 20:38

Instrument :

BNA_M

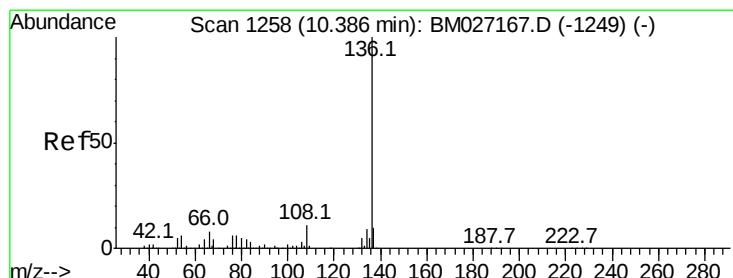
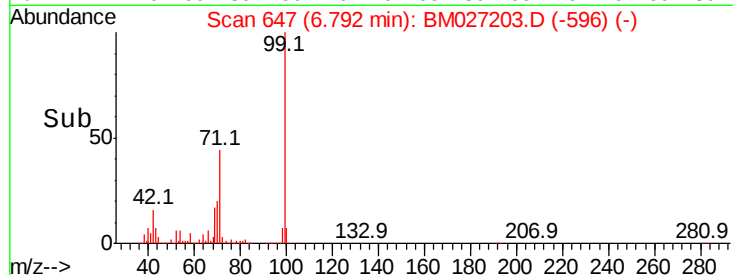
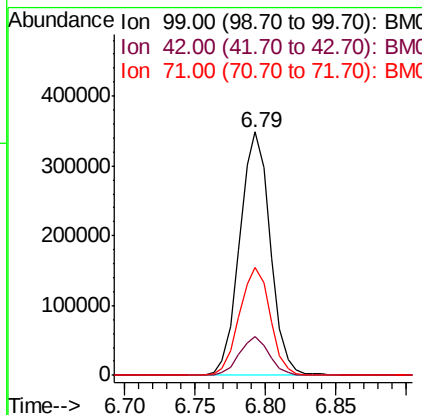
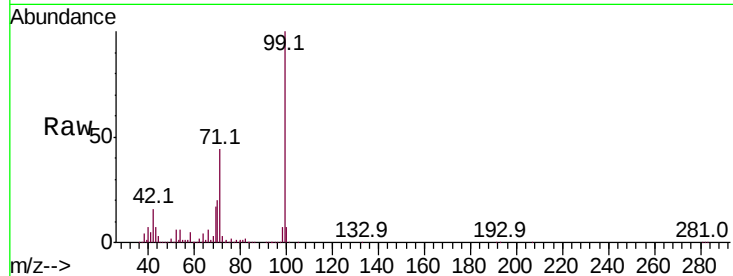
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
99	100	527607		
42	15.9	14.5	21.7	
71	44.3	43.0	64.4	

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#21

Naphthalene-d8

Concen: 20.000 ng

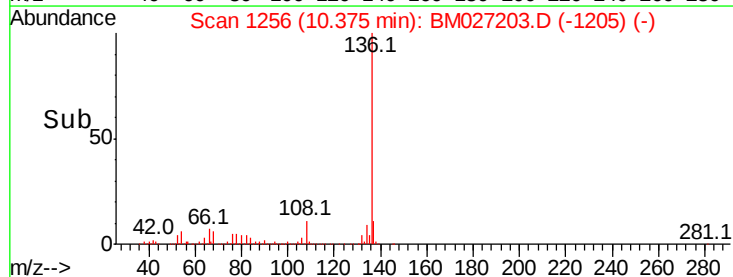
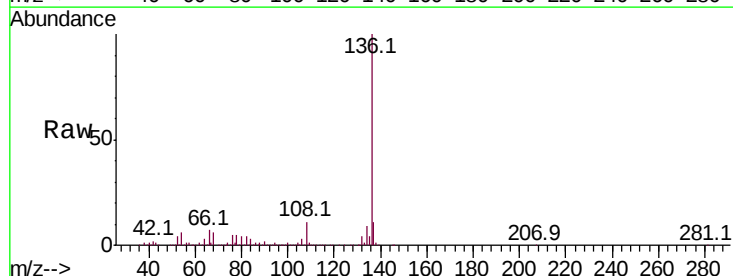
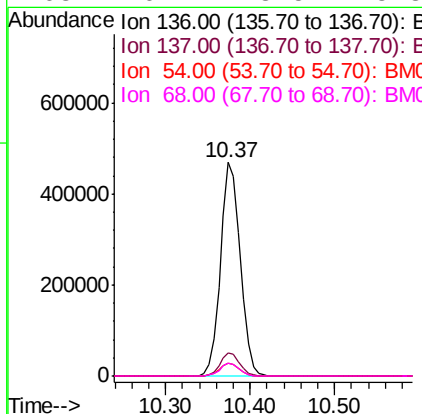
RT: 10.37 min Scan# 1256

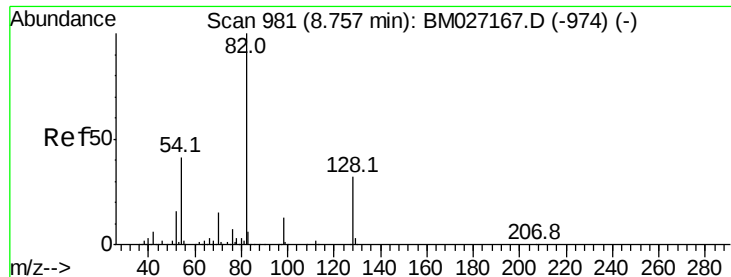
Delta R.T. 0.00 min

Lab File: BM027203.D

Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	762448		
137	10.8	8.2	12.4	
54	5.8	4.8	7.2	
68	6.2	3.5	5.3	





#23

Nitrobenzene-d5

Concen: 25.925 ng

RT: 8.75 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM027203.D

Acq: 24 Aug 2020 20:38

Instrument :

BNA_M

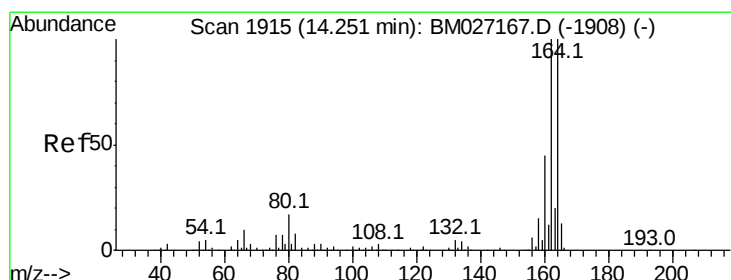
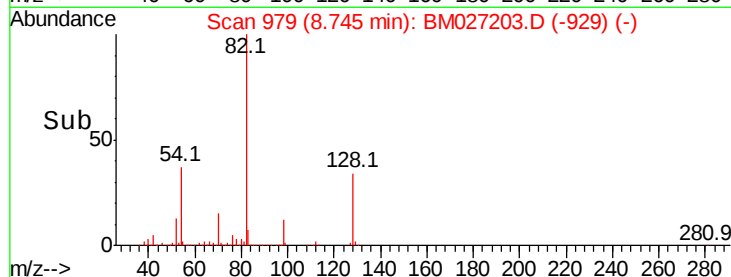
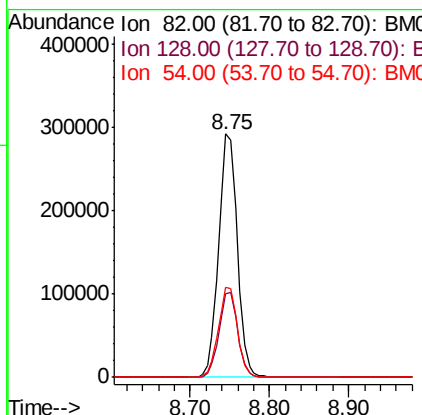
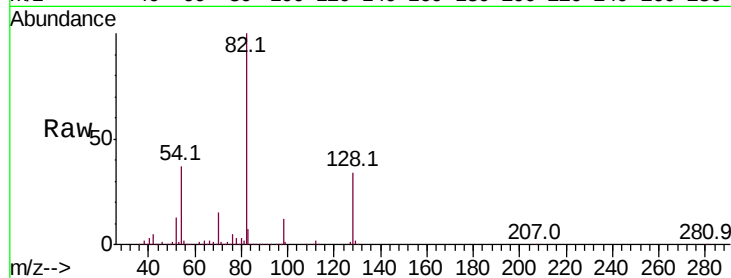
ClientSampleId :

EROC-BF-1CRE

Tot Ion:	82	Resp:	479108
Ion Ratio	Lower	Upper	
82	100		
128	34.3	25.7	38.5
54	37.2	33.0	49.4

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#39

Acenaphthene-d10

Concen: 20.000 ng

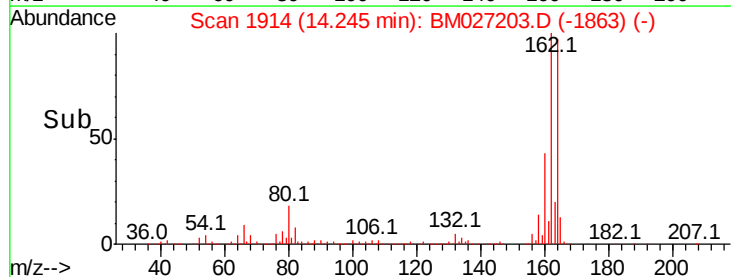
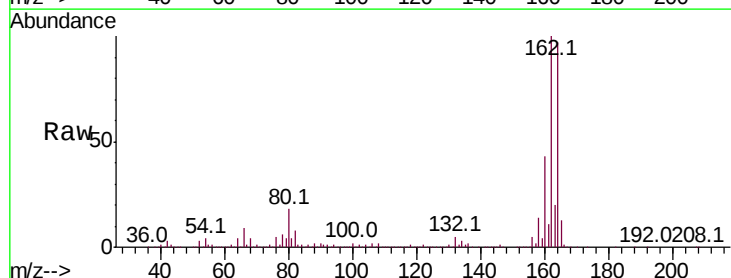
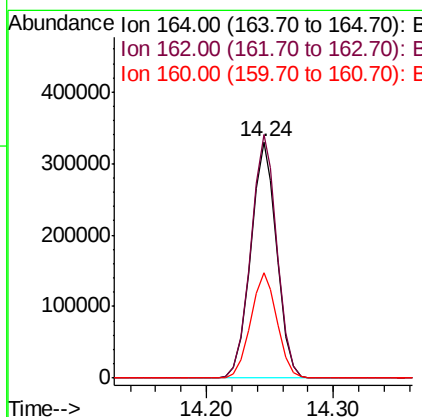
RT: 14.24 min Scan# 1914

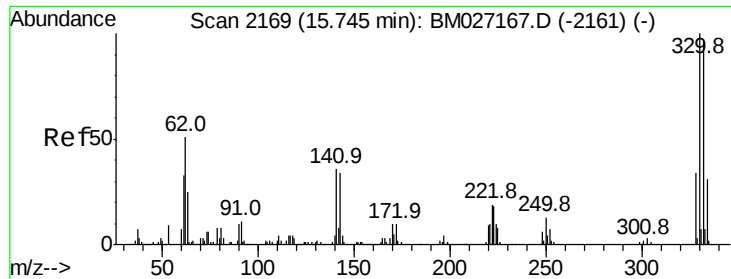
Delta R.T. 0.00 min

Lab File: BM027203.D

Acq: 24 Aug 2020 20:38

Tgt Ion:	164	Resp:	470062
Ion Ratio	Lower	Upper	
164	100		
162	103.0	80.2	120.4
160	44.7	36.3	54.5





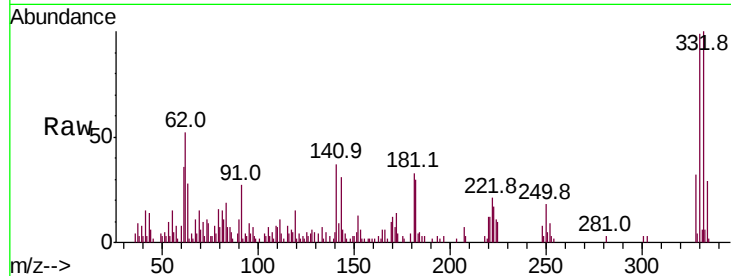
#42
 2,4,6-Tribromophenol
 Concen: 1.913 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM027203.D
 Acq: 24 Aug 2020 20:38

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1CRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.2	115.8
141	36.3	31.0	46.6

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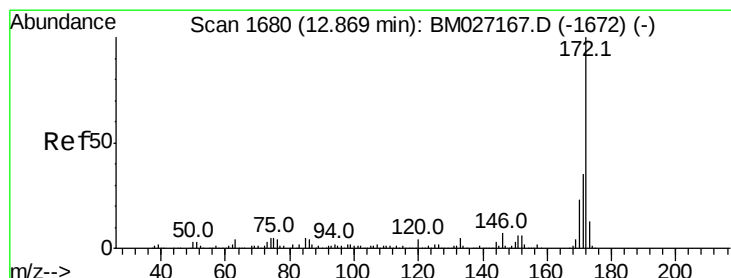
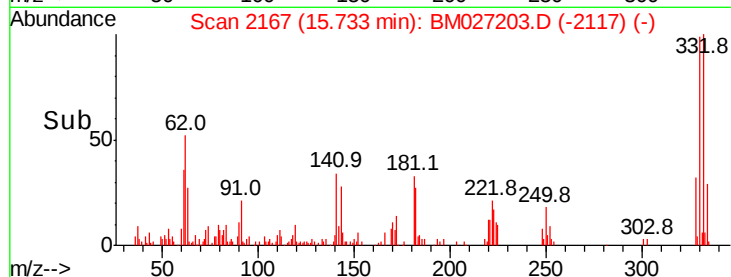
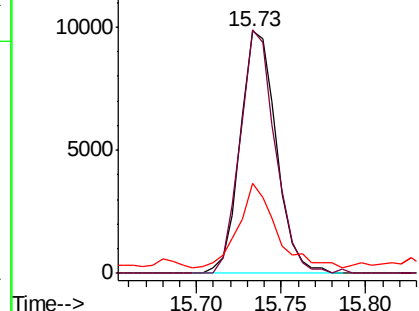


Abundance

Ion 329.80 (329.50 to 330.50): E

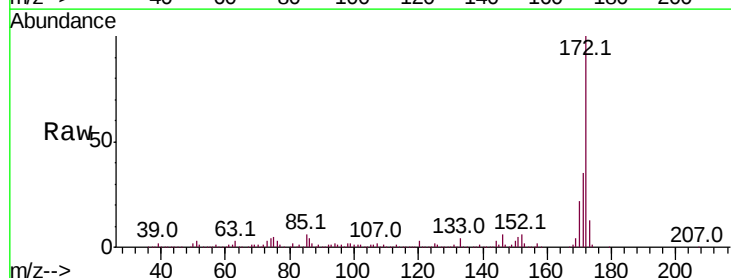
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 26.487 ng
 RT: 12.86 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM027203.D
 Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	22.2	18.6	28.0

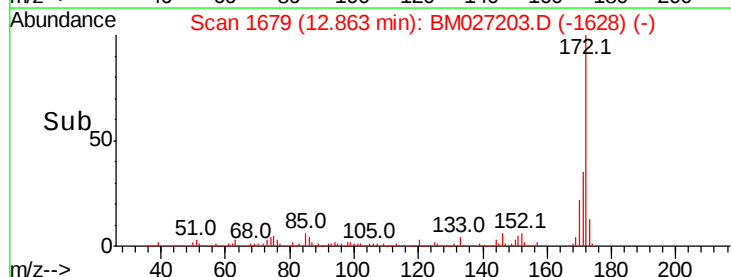
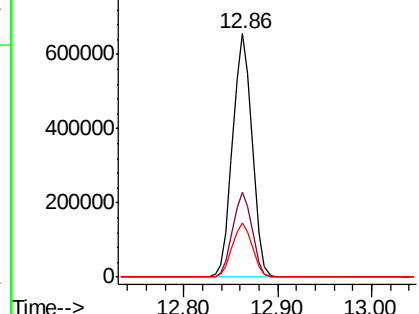


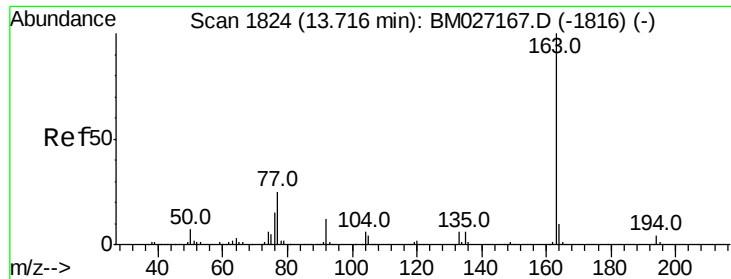
Abundance

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





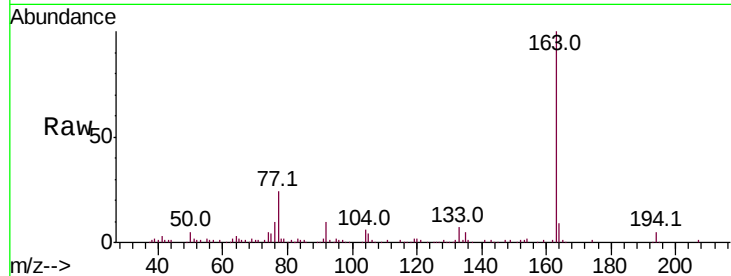
#50
Dimethylphthalate
Concen: 2.174 ng
RT: 13.71 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1CRE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	9.2	8.2	12.2

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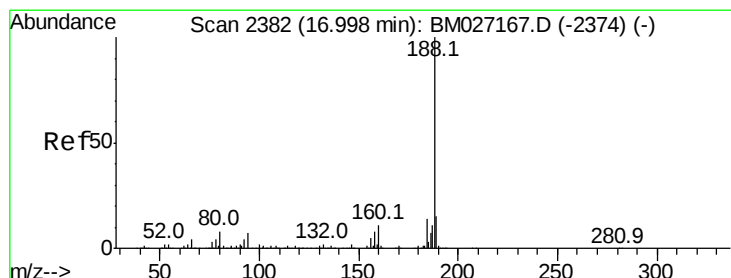
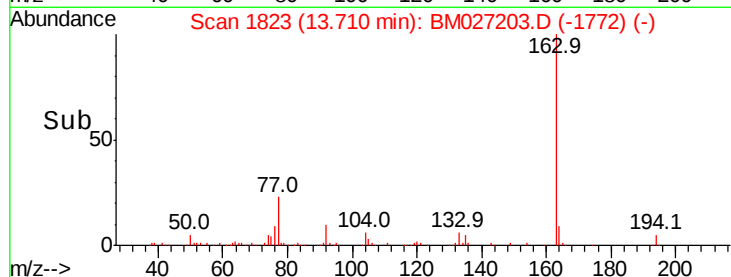
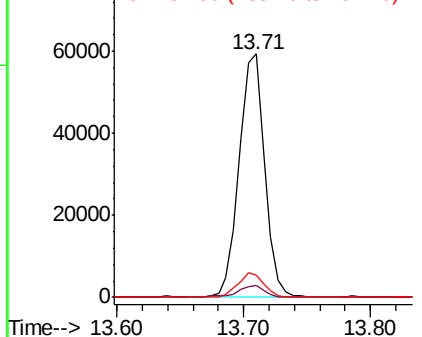


Abundance

Ion 163.00 (162.70 to 163.70): E

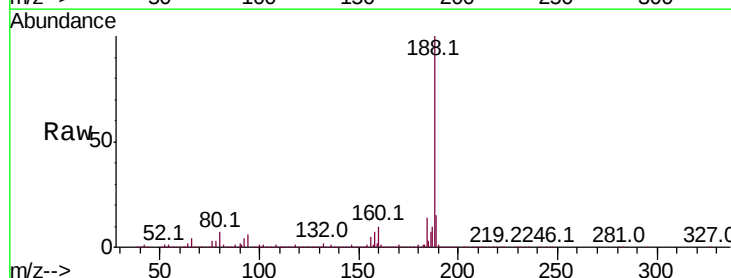
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.5	8.3
80	7.3	6.2	9.4

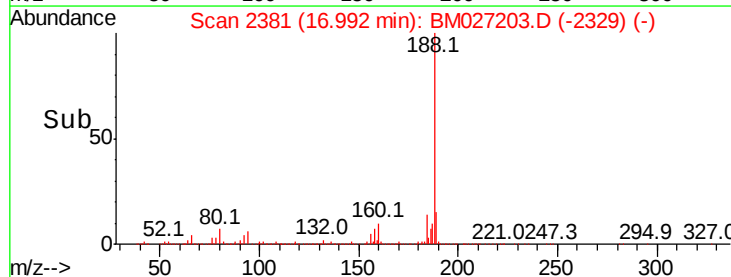
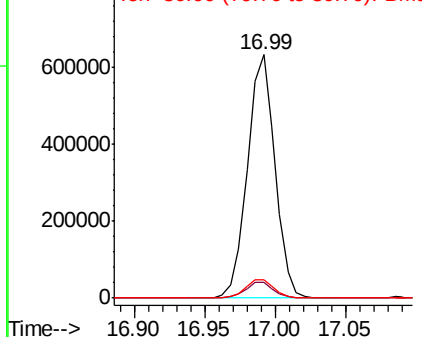


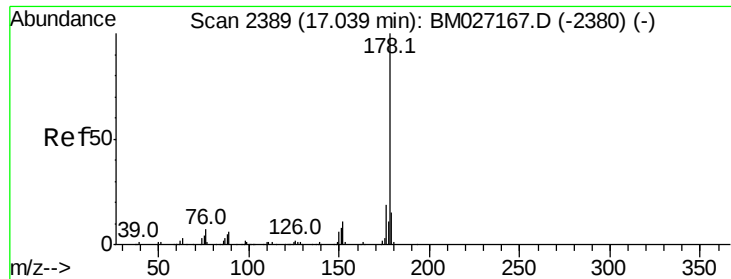
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





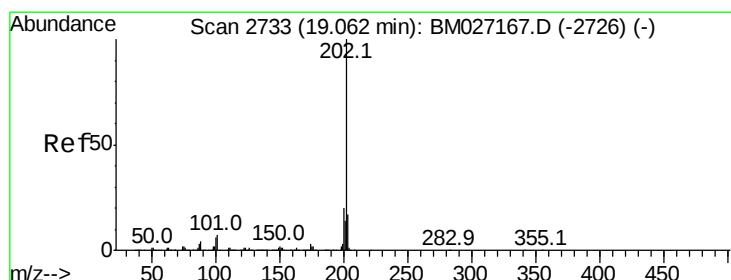
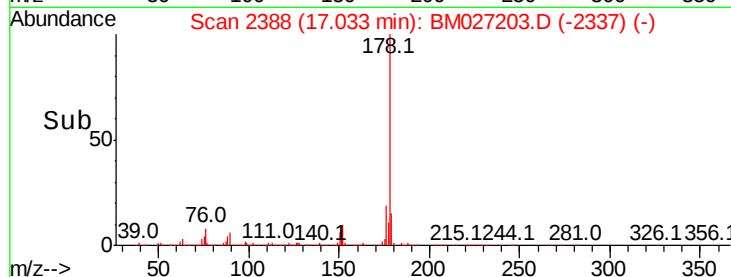
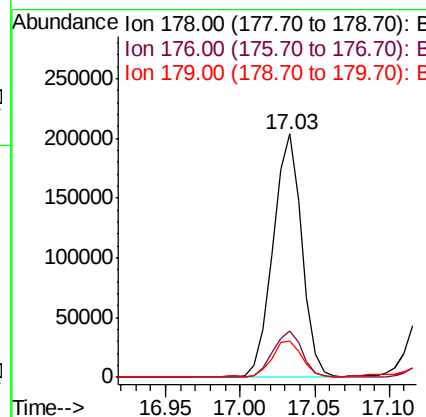
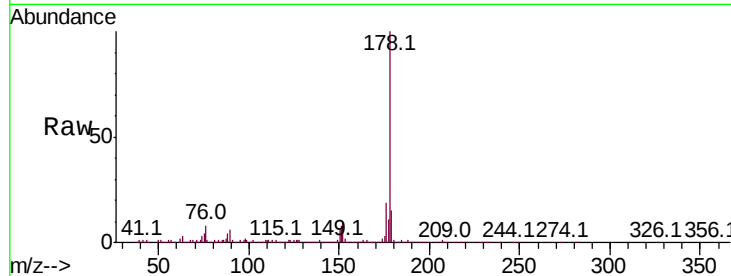
#71
Phenanthrene
Concen: 5.656 ng
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Instrument :
BNA_M
ClientSampled :
EROC-BF-1CRE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	14.8	12.0	18.0

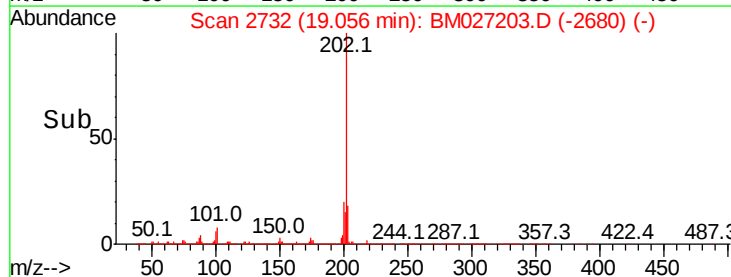
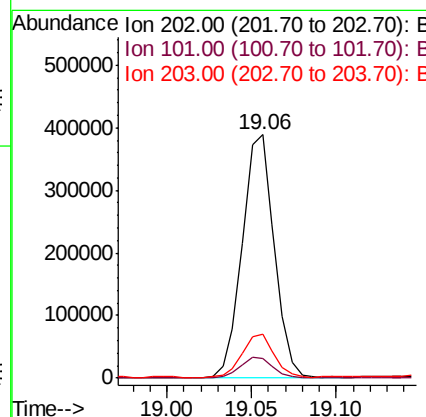
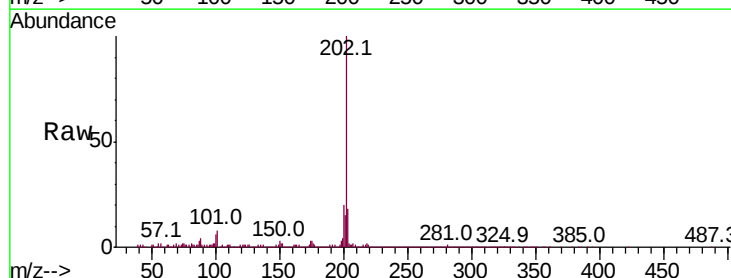
Manual Integrations
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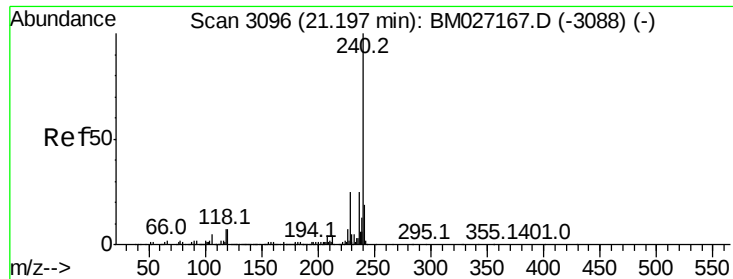
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#75
Fluoranthene
Concen: 8.506 ng
RT: 19.06 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.2
203	17.9	0.0	37.1





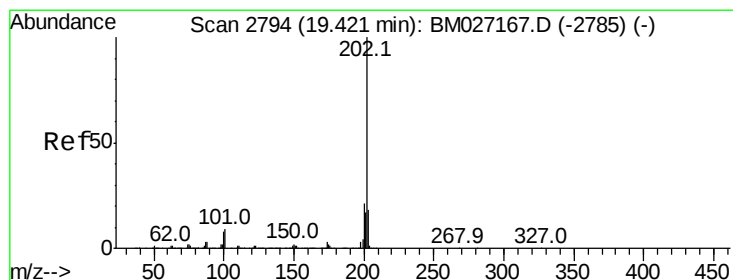
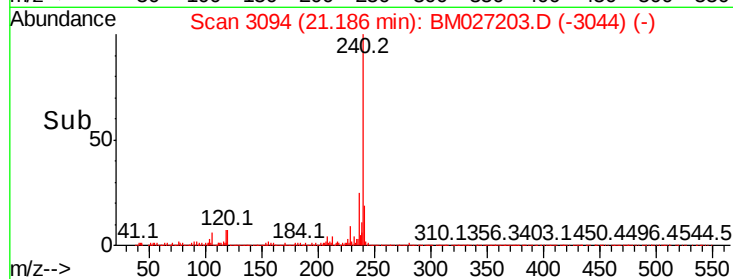
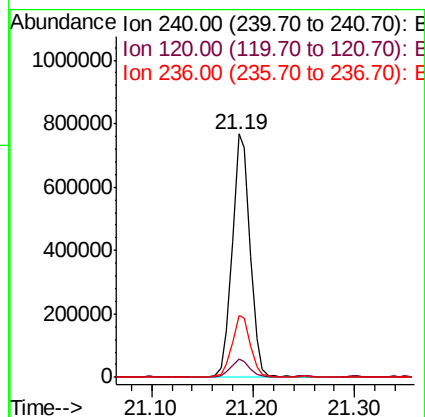
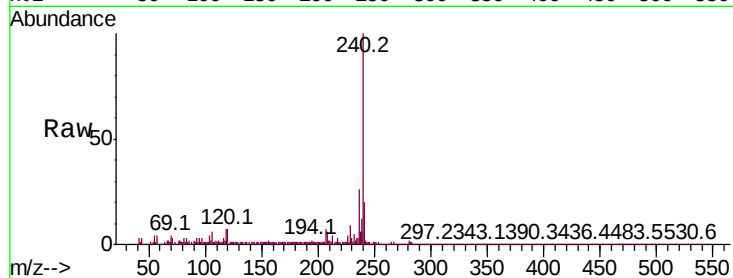
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1CRE

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.6	8.4
236	25.7	19.8	29.6

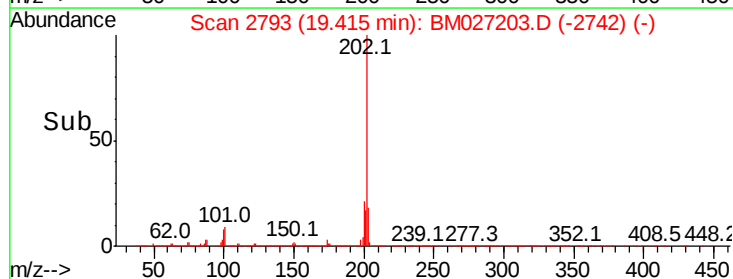
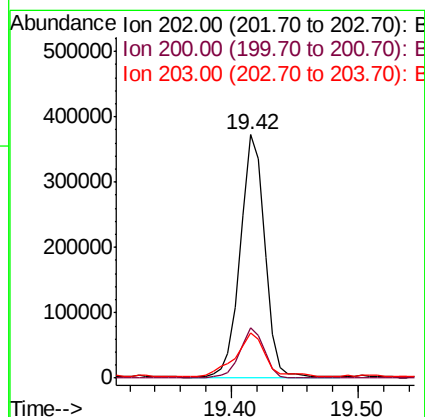
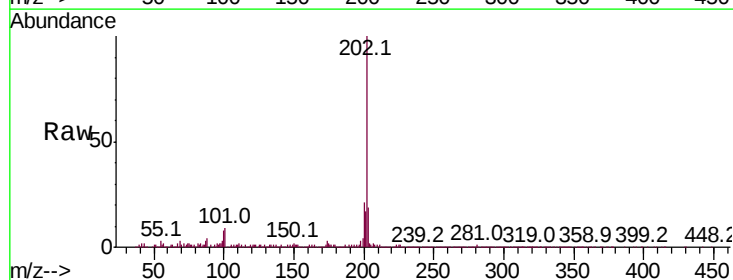
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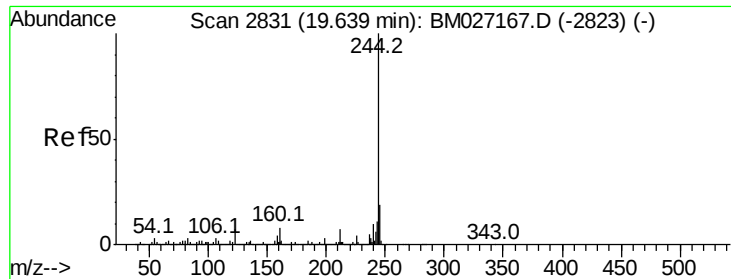
mohammad
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#78
Pyrene
Concen: 8.745 ng
RT: 19.42 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.8	14.0	21.0





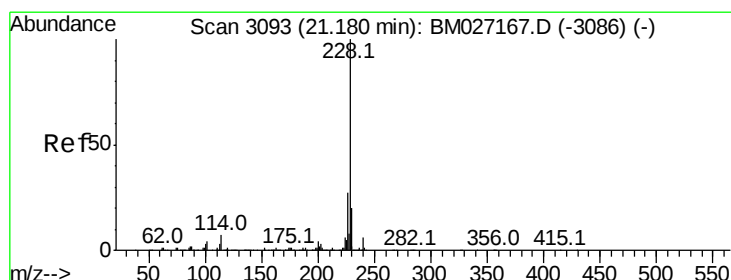
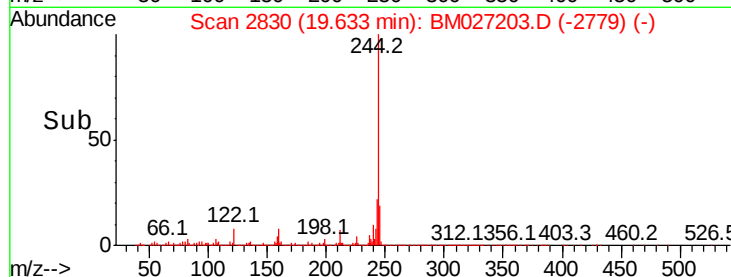
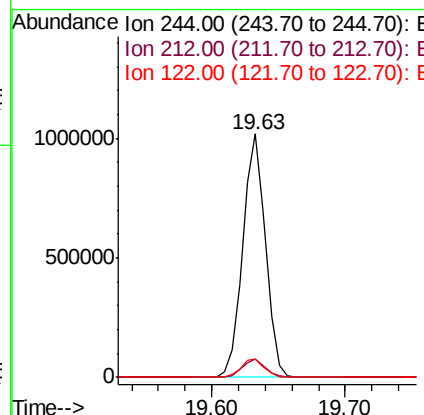
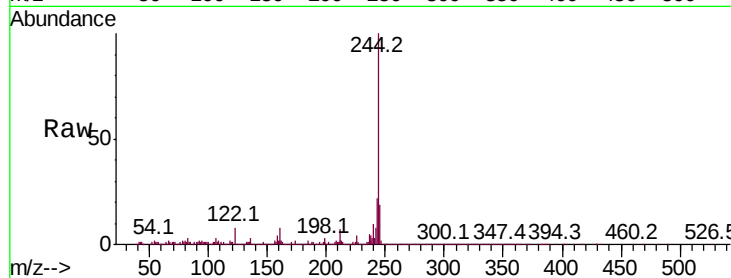
#79
 Terphenyl-d14
 Concen: 23.943 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BM027203.D
 Acq: 24 Aug 2020 20:38

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1CRE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.6	5.8	8.8

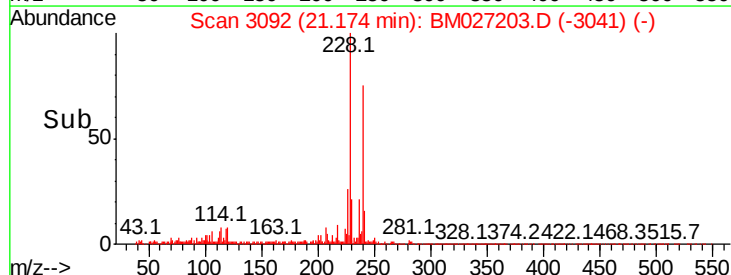
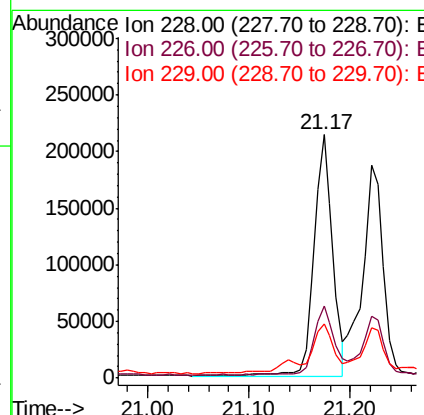
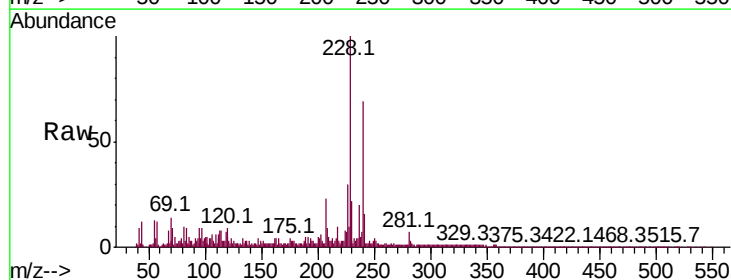
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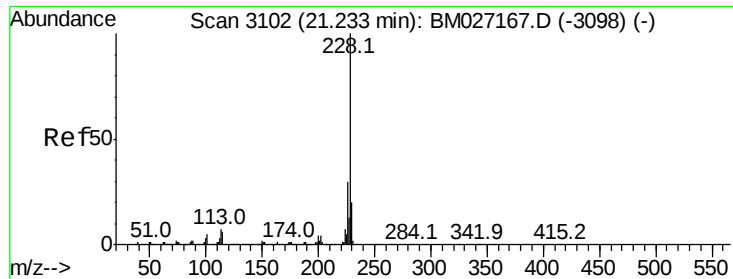
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#81
 Benzo(a)anthracene
 Concen: 4.467 ng m
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BM027203.D
 Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.4	32.2
229	22.3	15.8	23.6





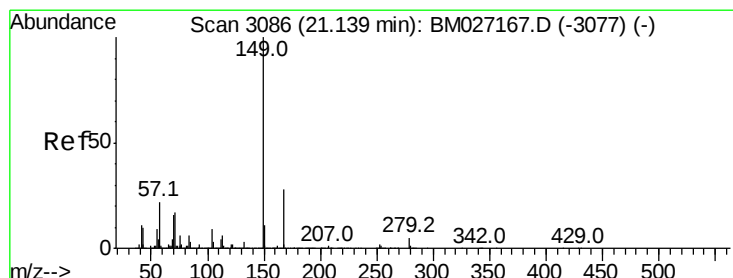
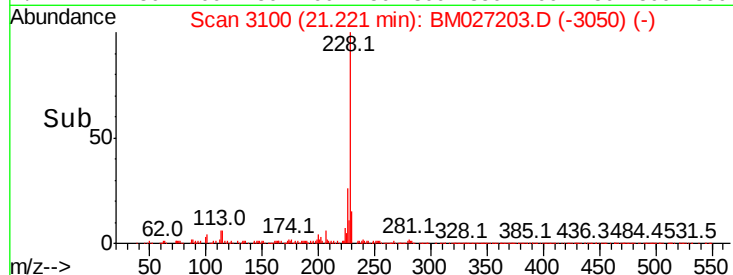
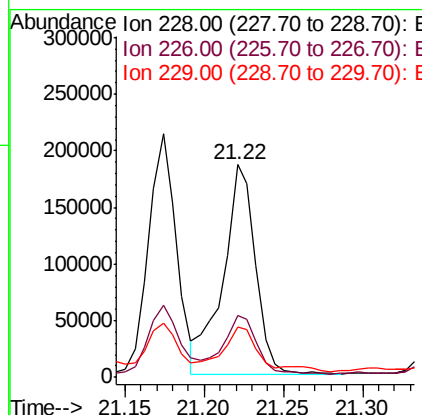
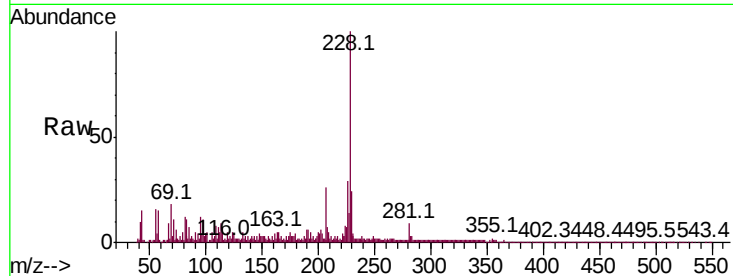
#83
Chrysene
Concen: 4.477 ng/ml
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1CRE

Tot Ion	Ratio	Resp	Lower	Upper
228	100	262065		
226	28.9		23.7	35.5
229	23.9		15.8	23.8

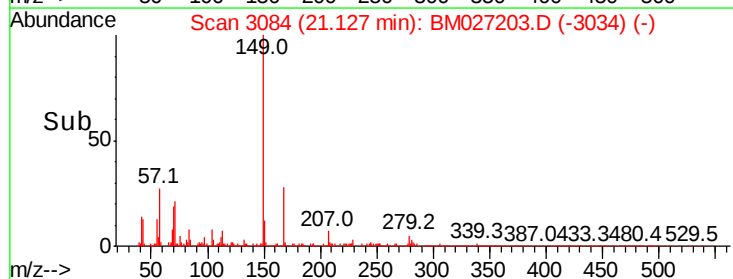
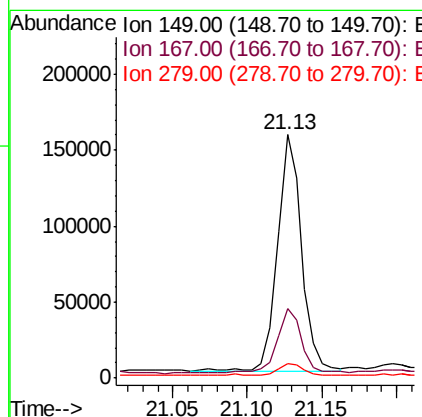
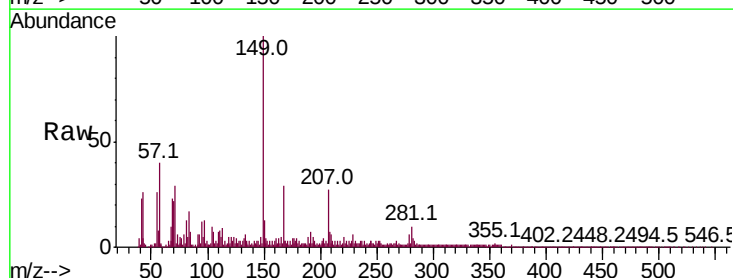
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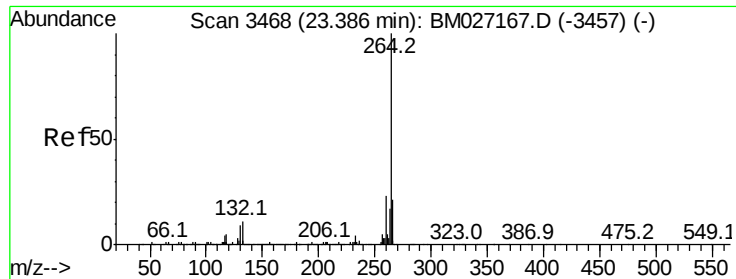
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#84
Bis(2-ethylhexyl)phthalate
Concen: 5.889 ng
RT: 21.13 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	173373		
167	28.7		22.2	33.2
279	6.2		4.2	6.4





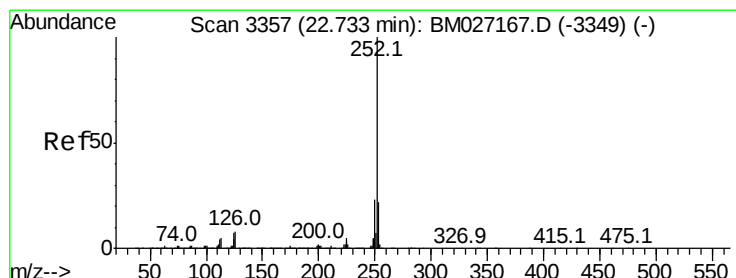
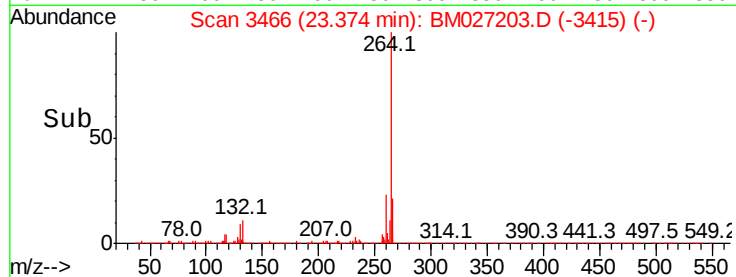
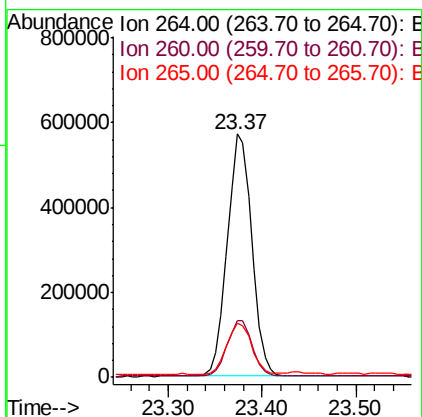
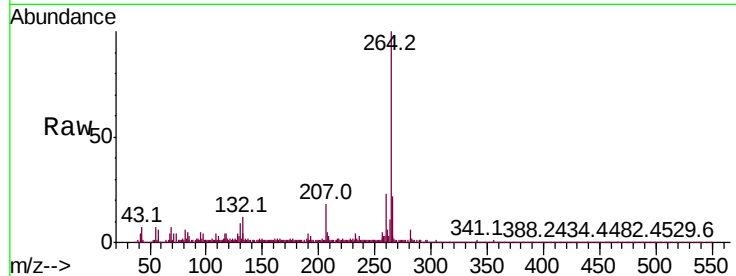
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1CRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.3	17.5	26.3

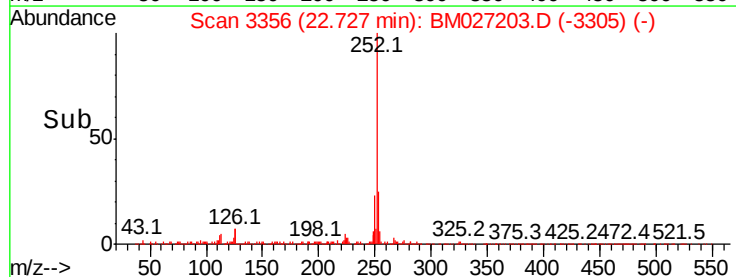
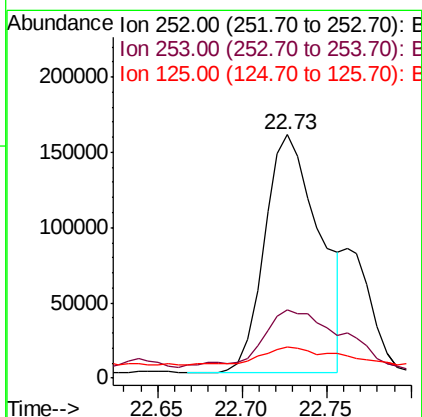
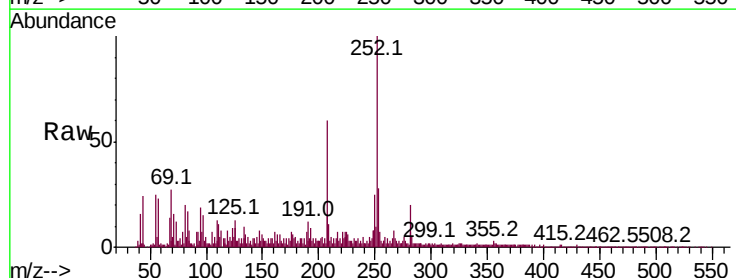
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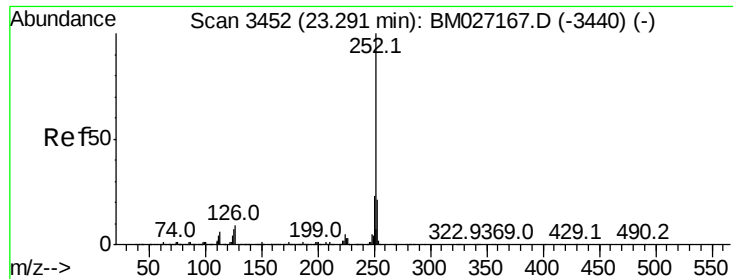
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#88
Benzo(b)fluoranthene
Concen: 5.182 ng m
RT: 22.73 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.7	26.5#
125	12.6	5.4	8.0#





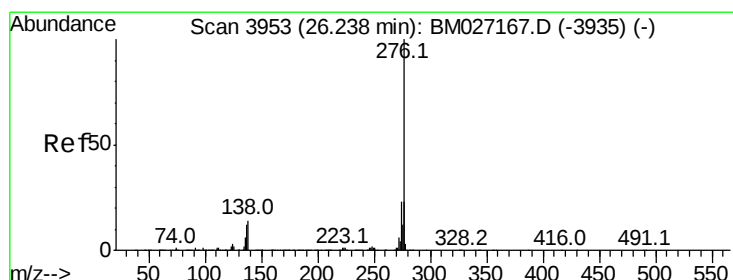
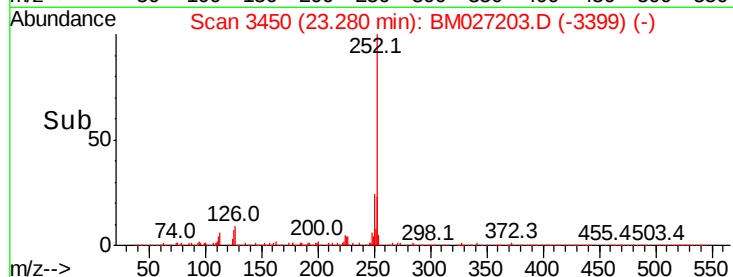
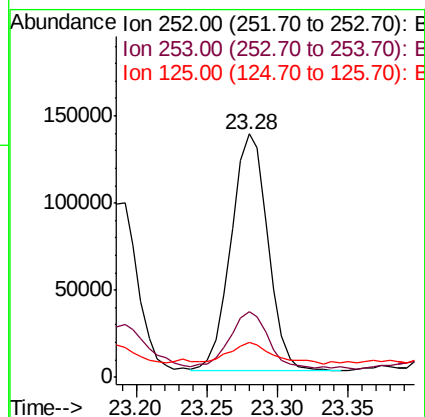
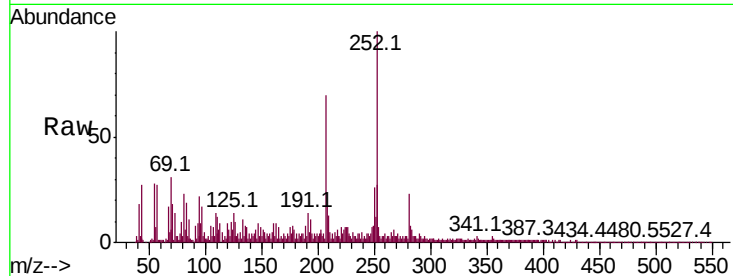
#90
Benzo(a)pyrene
Concen: 3.888 ng
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1CRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.1	25.7#
125	14.2	5.8	8.6#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.628 ng
RT: 26.23 min Scan# 3951
Delta R.T. 0.01 min
Lab File: BM027203.D
Acq: 24 Aug 2020 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.6	28.0
138	16.0	11.4	17.0

