

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023251.D
 Acq On : 18 Oct 2019 10:39
 Operator : JU
 Sample : K5235-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPC4

Manual Integrations
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 10/20/2019 8:07:23 PM

Quant Time: Oct 18 15:26:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 07:48:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	395396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1547338	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	954704	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2013030	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2141628	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2551211	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	27275	3.04	ng/uL	0.00
5) Phenol-d5	6.83	99	445310	12.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	298110	15.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	415257	15.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	312137	11.28	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	200432	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	220027	22.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	418433	16.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	443365	14.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1396350	19.08	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1602634	18.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	96858	8.18	ng/ul	0.00
58) Fluorene-d10	15.30	176	1208677	19.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	110097	13.79	ng/ul	0.00
71) Anthracene-d10	17.14	188	1960394	20.20	ng/ul	0.00
79) Pyrene-d10	19.44	212	2408556	23.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2867757	22.18	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.86	94	74697	2.103	ng/ul 97
45) Dimethylphthalate	13.77	163	372589	5.088	ng/ul 100
70) Phenanthrene	17.09	178	438585	3.882	ng/ul 99
72) Anthracene	17.18	178	164669	1.411	ng/ul 98
77) Fluoranthene	19.11	202	1152714	8.579	ng/ul 100
80) Pyrene	19.47	202	1250680	9.322	ng/ul 99
81) Butylbenzylphthalate	20.40	149	48292	1.035	ng/ul 97
83) Benzo(a)anthracene	21.23	228	840538	5.792	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.19	149	243520	3.282	ng/ul 99
85) Chrysene	21.28	228	844612	6.268	ng/ul 98
87) Di-n-octyl phthalate	22.06	149	156107	1.186	ng/ul 100
88) Benzo(b)fluoranthene	22.79	252	1063513	6.876	ng/ul 98
89) Benzo(k)fluoranthene	22.83	252	453821m	3.055	ng/ul
91) Benzo(a)pyrene	23.36	252	825718	5.564	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.67	276	655492	3.713	ng/ul 97
93) Dibenzo(a,h)anthracene	25.68	278	296296	2.007	ng/ul 99
94) Benzo(g,h,i)perylene	26.34	276	631747	4.346	ng/ul 97

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

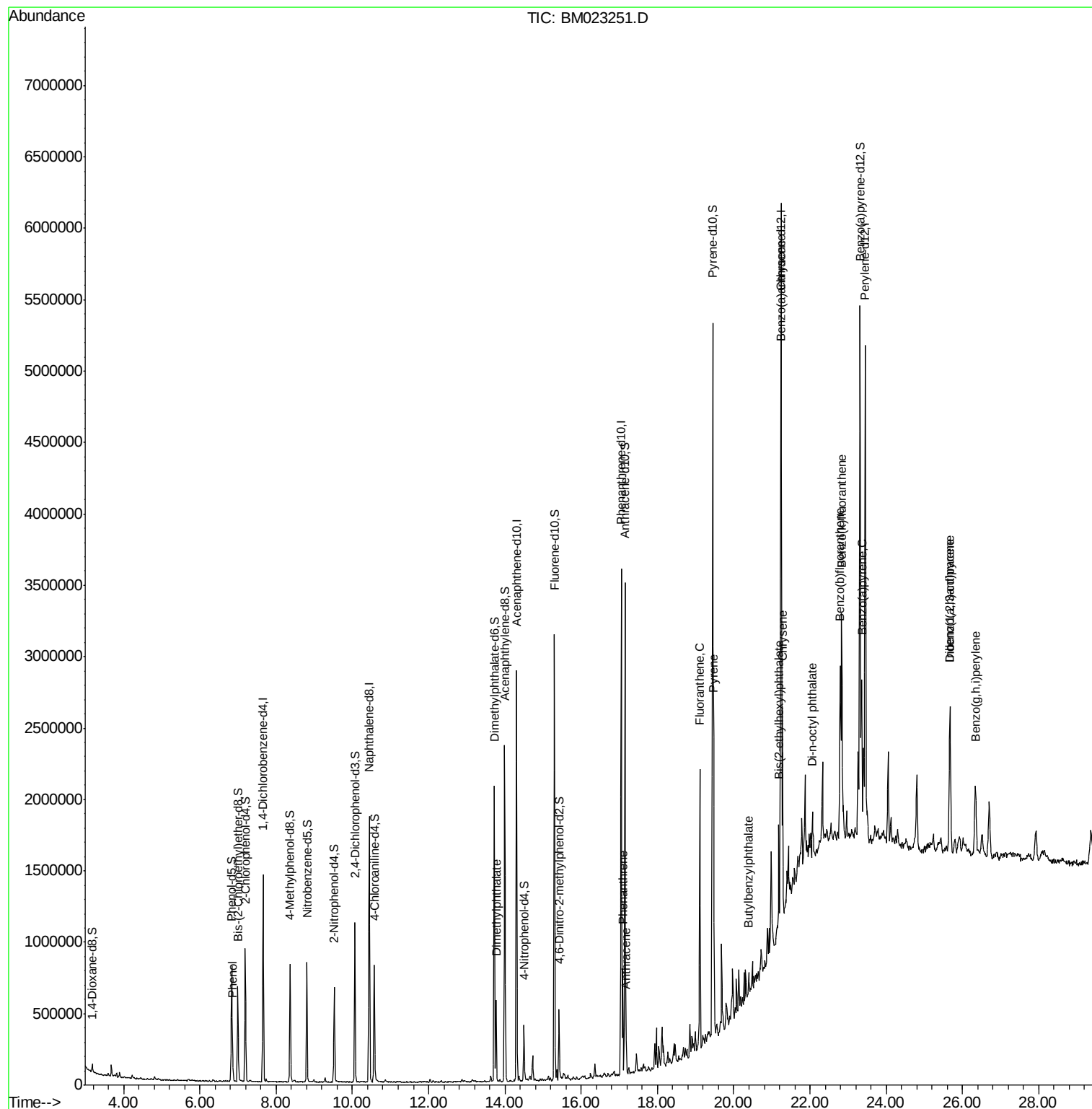
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023251.D
Acq On : 18 Oct 2019 10:39
Operator : JU
Sample : K5235-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

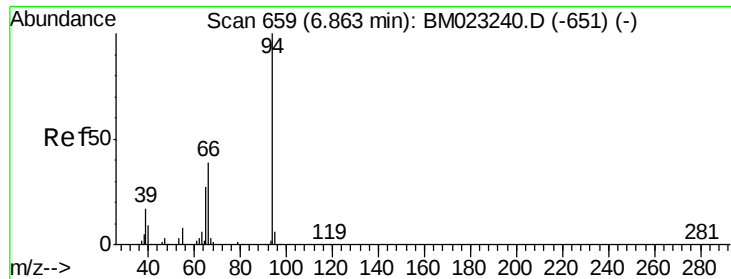
Instrument :
BNA_M
ClientSampled :
BEPC4

Quant Time: Oct 18 15:26:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
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QLast Update : Fri Oct 18 07:48:41 2019
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#6

Phenol

Concen: 2.103 ng/ul

RT: 6.86 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM023251.D

Acq: 18 Oct 2019 10:39

Instrument :

BNA_M

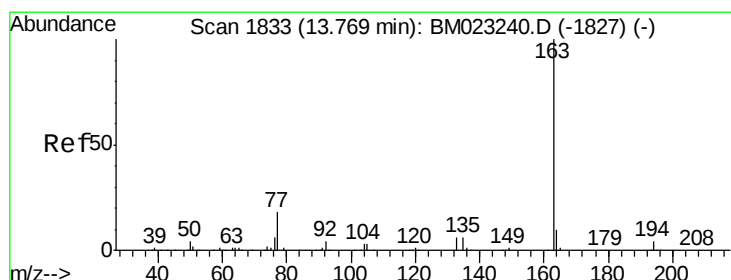
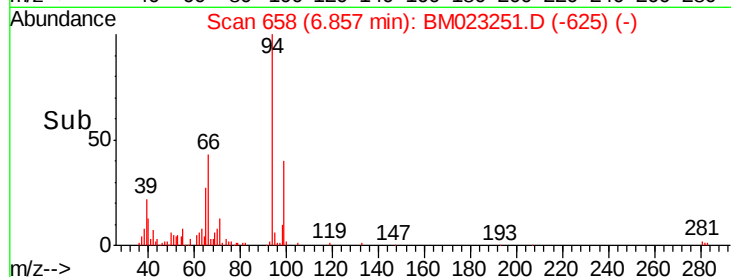
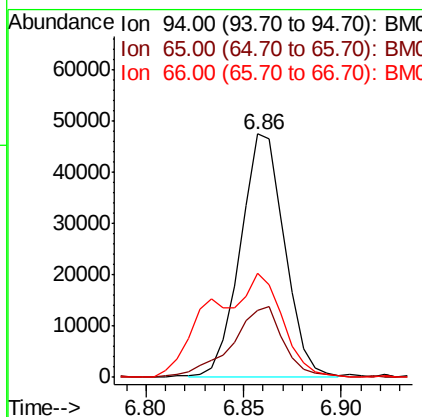
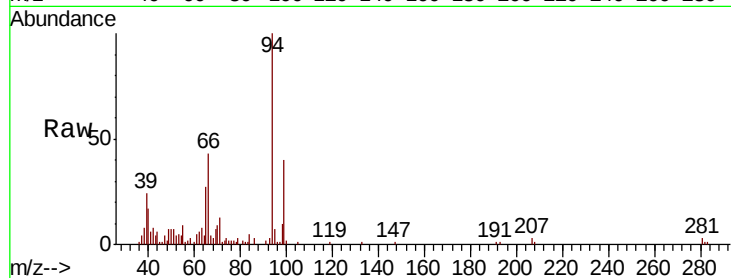
ClientSampleId :

BEPC4

Tot Ion:	94	Resp:	74697
Ion Ratio	Lower	Upper	
94	100		
65	27.3	23.7	35.5
66	42.7	32.9	49.3

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#45

Dimethylphthalate

Concen: 5.088 ng/ul

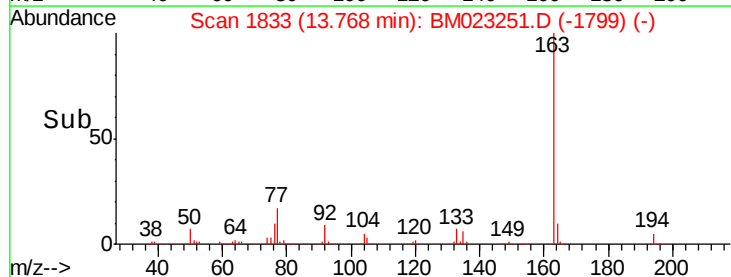
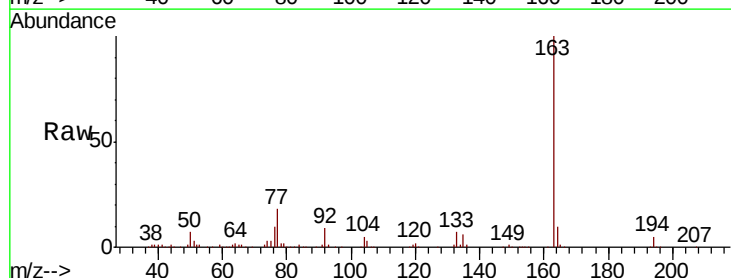
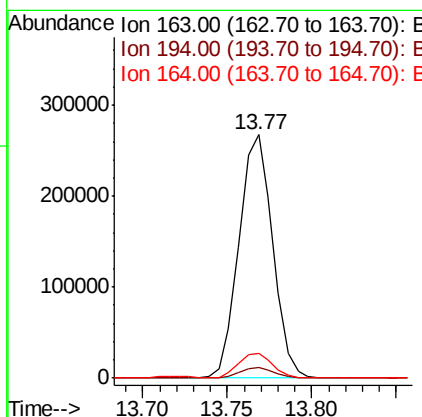
RT: 13.77 min Scan# 1833

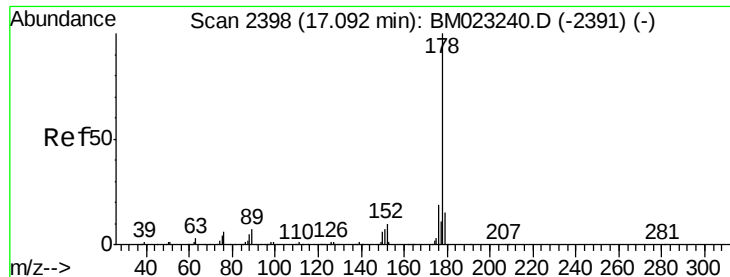
Delta R.T. -0.00 min

Lab File: BM023251.D

Acq: 18 Oct 2019 10:39

Tgt Ion:	163	Resp:	372589
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.0	8.0	12.0





#70

Phenanthrene

Concen: 3.882 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM023251.D

Acq: 18 Oct 2019 10:39

Instrument :

BNA_M

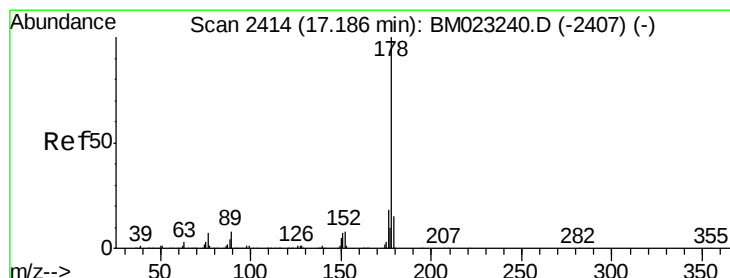
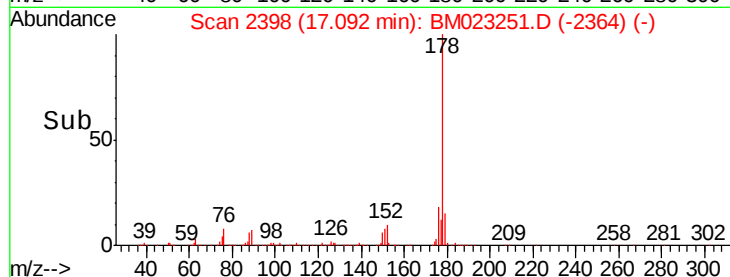
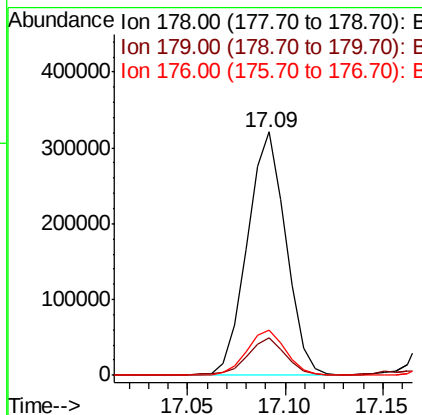
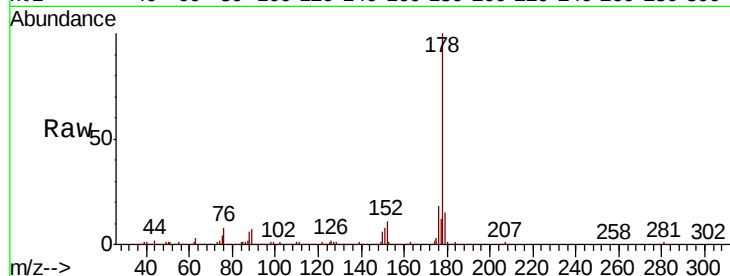
ClientSampleId :

BEPC4

Tot Ion:	178	Resp:	438585
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.5	15.5	23.3

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#72

Anthracene

Concen: 1.411 ng/ul

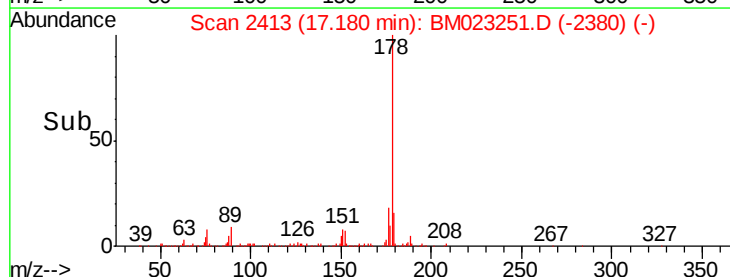
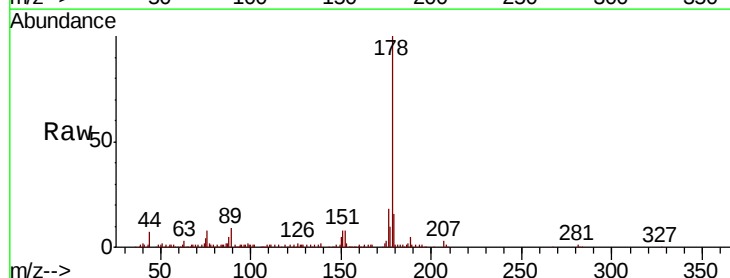
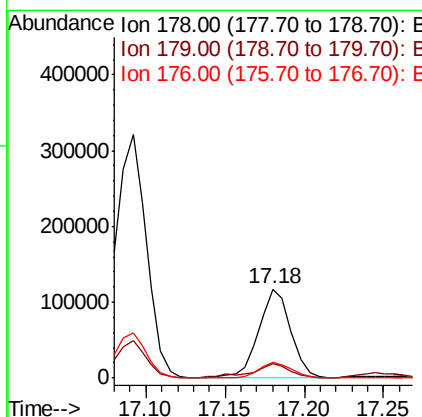
RT: 17.18 min Scan# 2413

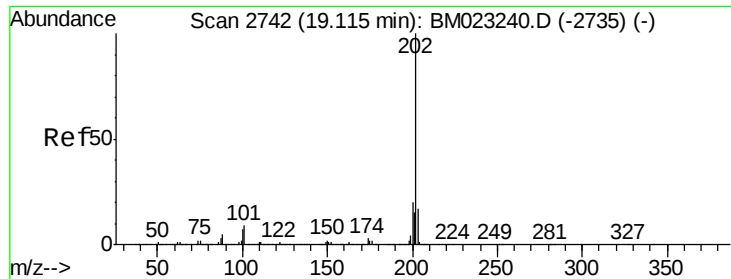
Delta R.T. -0.01 min

Lab File: BM023251.D

Acq: 18 Oct 2019 10:39

Tgt Ion:	178	Resp:	164669
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.3	18.5
176	17.7	15.0	22.4





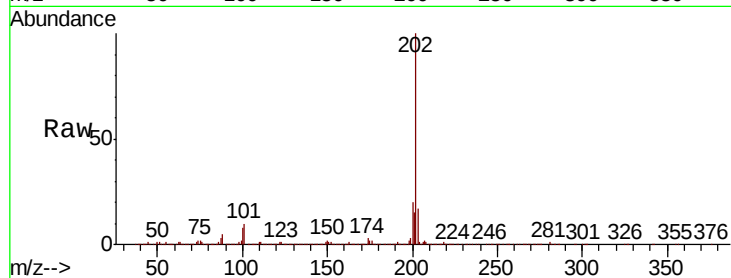
#77
 Fluoranthene
 Concen: 8.579 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM023251.D
 Acq: 18 Oct 2019 10:39

Instrument :
 BNA_M
 ClientSampled :
 BEPC4

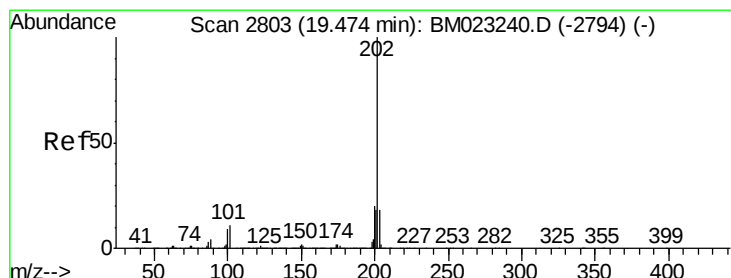
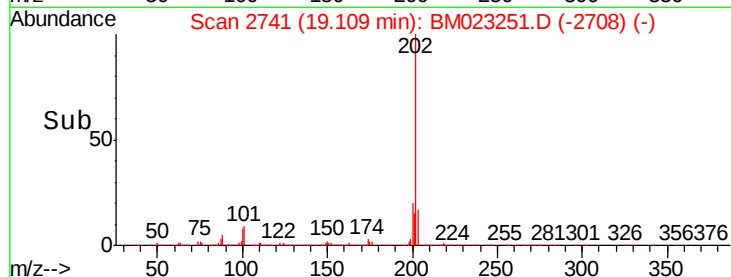
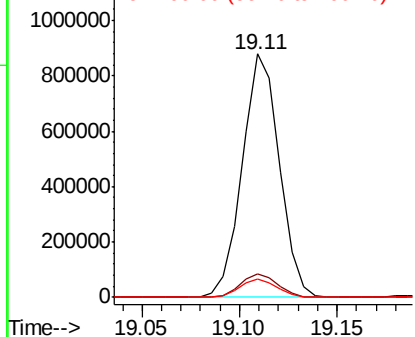
Tot Ion:	202	Resp:	1152714
Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.8
100	7.7	6.1	9.1

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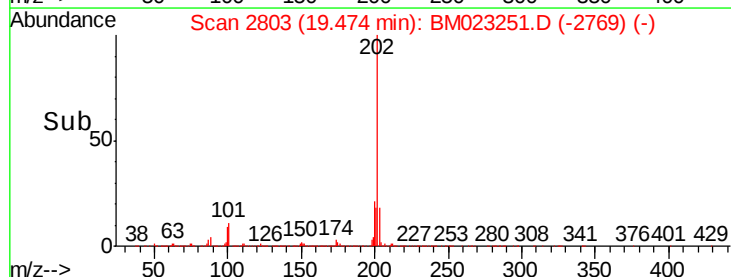
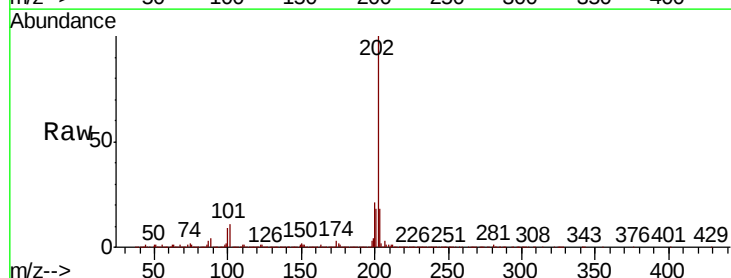
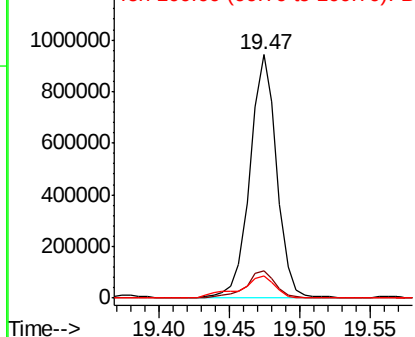
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

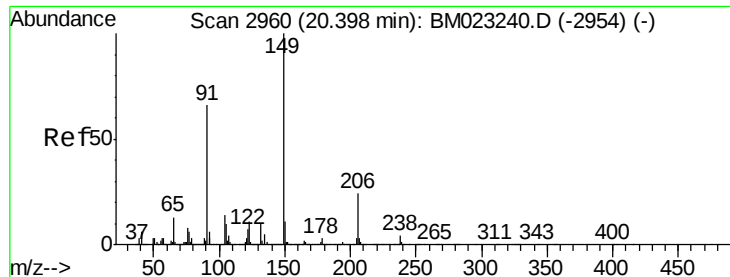


#80
 Pyrene
 Concen: 9.322 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. -0.00 min
 Lab File: BM023251.D
 Acq: 18 Oct 2019 10:39

Tgt Ion:	202	Resp:	1250680
Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.1	13.7
100	9.0	7.5	11.3

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





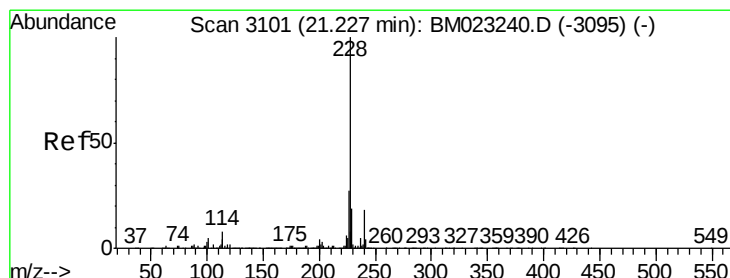
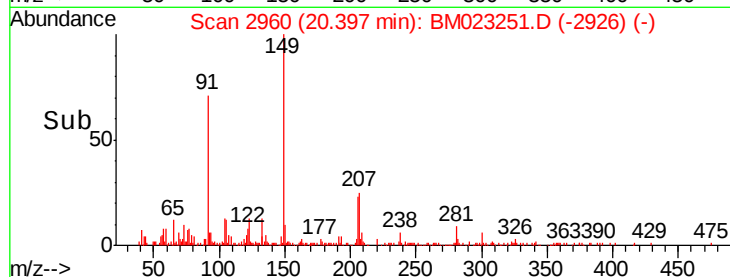
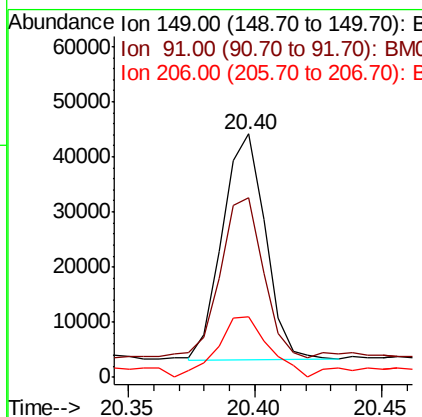
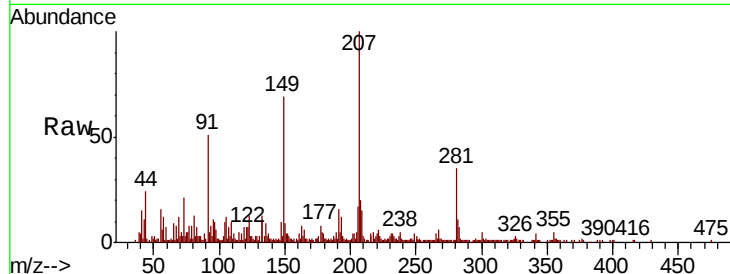
#81
Butylbenzylphthalate
Concen: 1.035 ng/ul
RT: 20.40 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BM023251.D
Acq: 18 Oct 2019 10:39

Instrument :
BNA_M
ClientSampled :
BEPC4

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.7	59.9	89.9
206	24.7	17.1	25.7

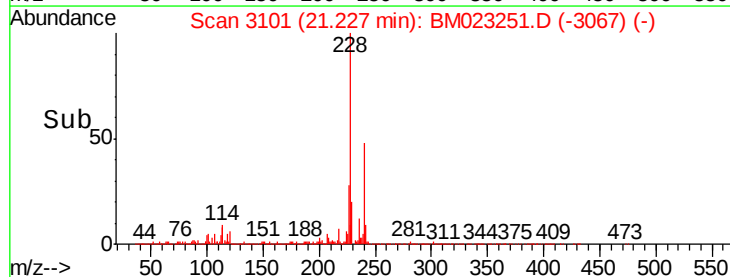
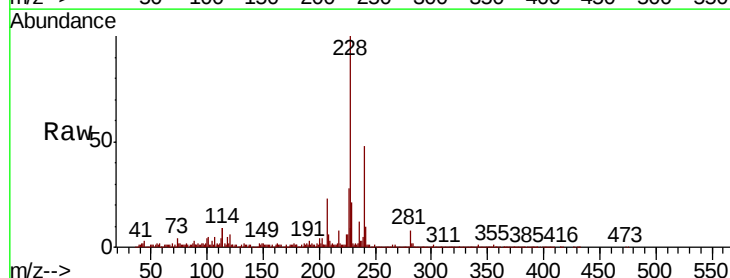
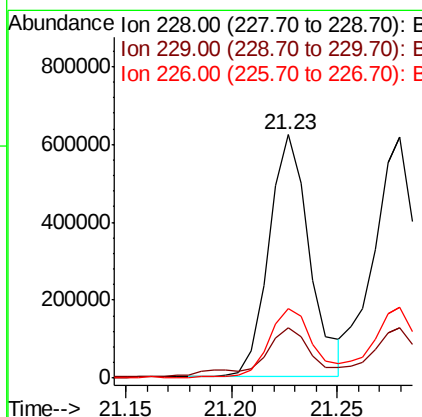
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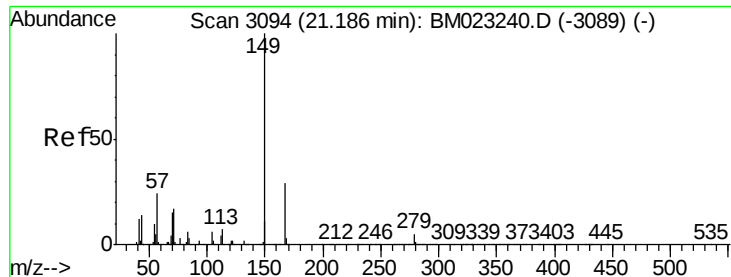
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#83
Benzo(a)anthracene
Concen: 5.792 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM023251.D
Acq: 18 Oct 2019 10:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	28.4	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.282 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM023251.D

Acq: 18 Oct 2019 10:39

Instrument :

BNA_M

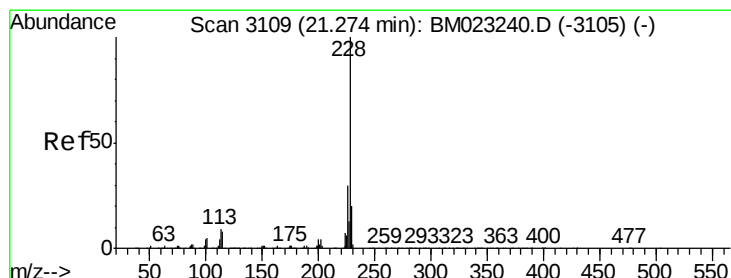
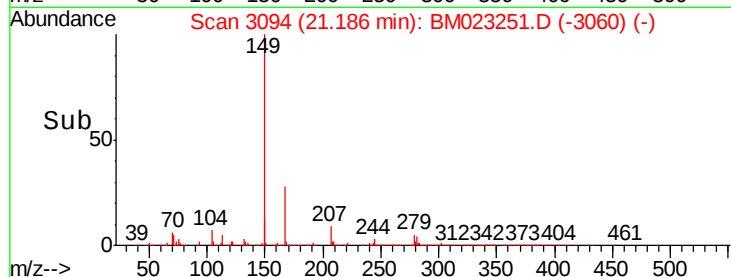
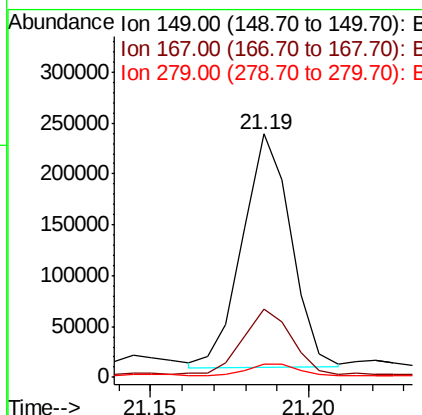
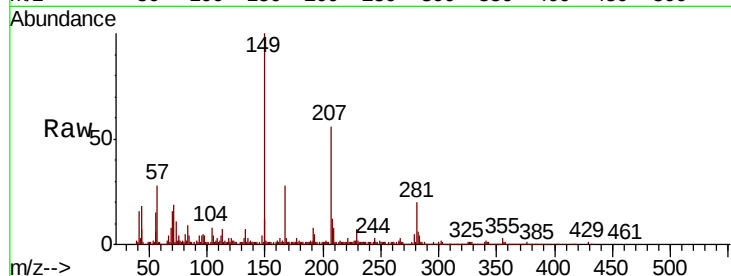
ClientSampleId :

BEPC4

Tot Ion:	149	Resp:	243520
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.5	33.7
279	5.5	4.0	6.0

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#85

Chrysene

Concen: 6.268 ng/ul

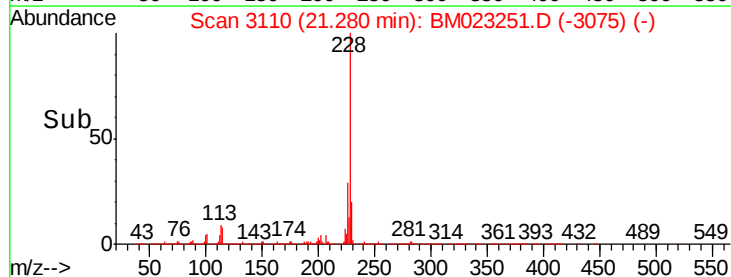
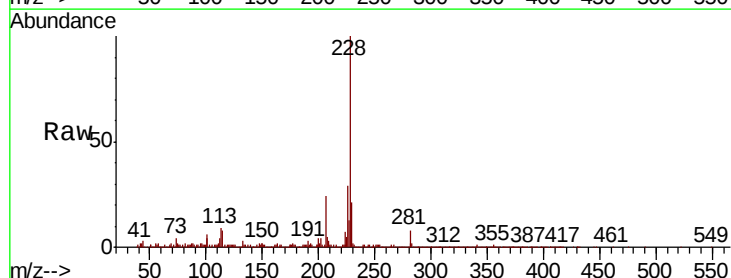
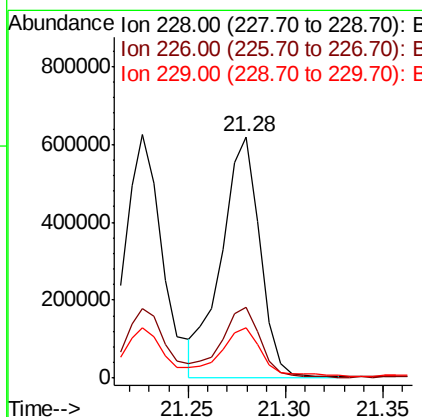
RT: 21.28 min Scan# 3110

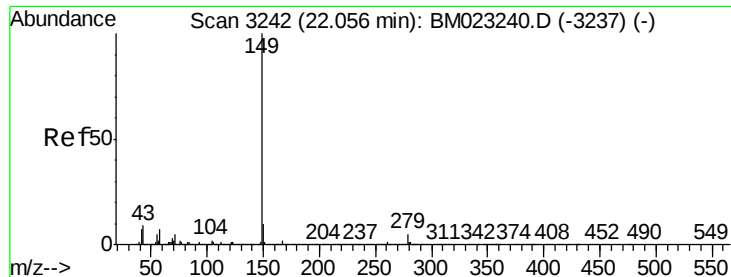
Delta R.T. 0.01 min

Lab File: BM023251.D

Acq: 18 Oct 2019 10:39

Tgt Ion:	228	Resp:	844612
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.8	35.6
229	20.7	15.5	23.3





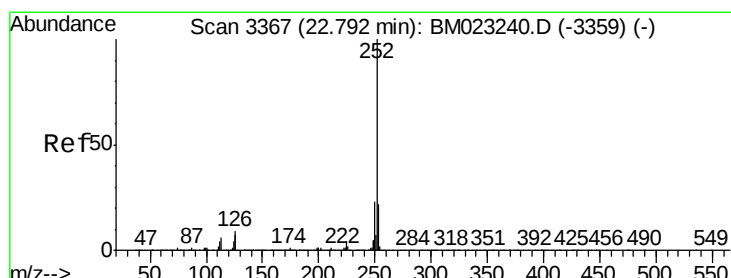
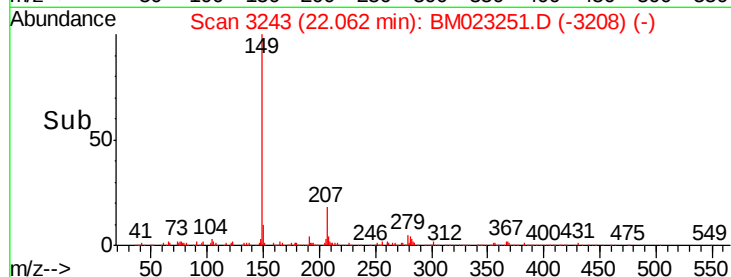
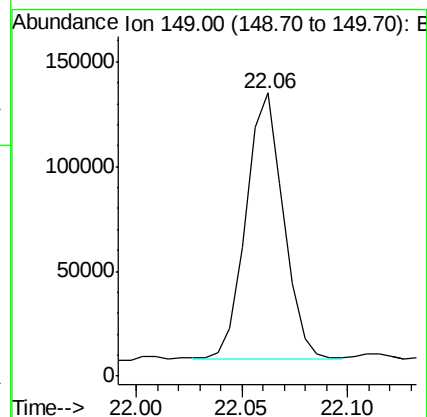
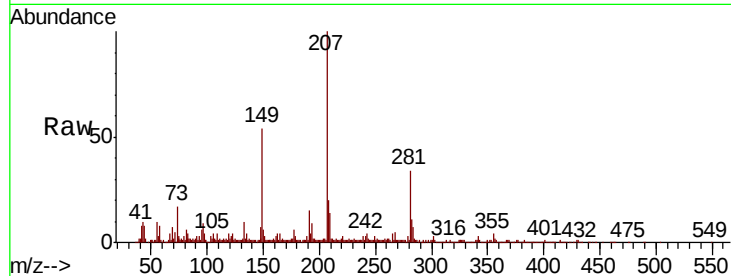
#87
Di-n-octyl phthalate
Concen: 1.186 ng/ul
RT: 22.06 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BM023251.D
Acq: 18 Oct 2019 10:39

Instrument :
BNA_M
ClientSampleId :
BEPC4

Tgt Ion:149 Resp: 156107

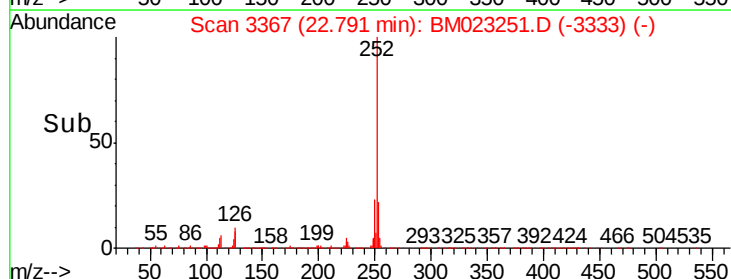
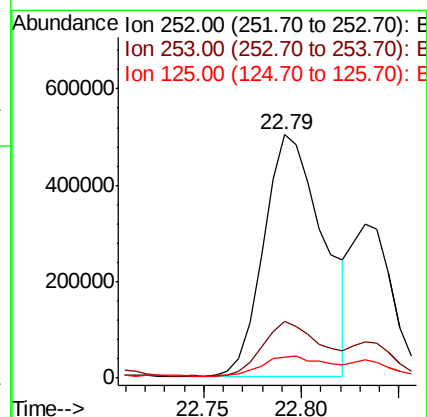
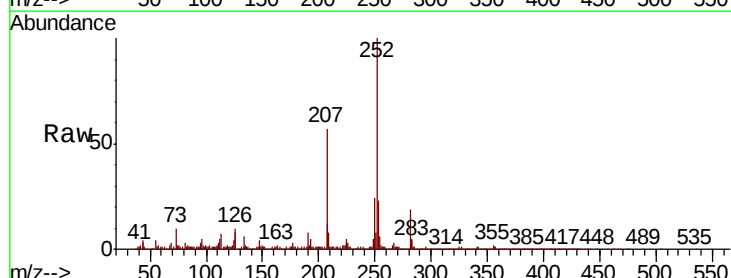
Manual Integrations
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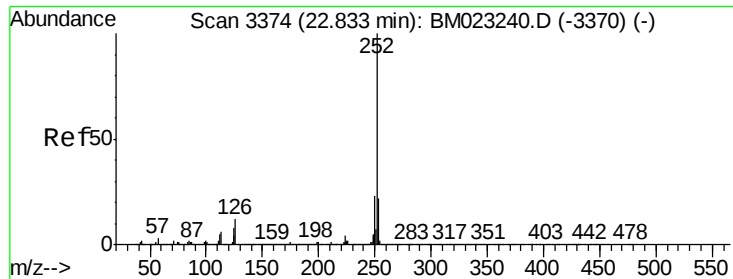
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#88
Benzo(b)fluoranthene
Concen: 6.876 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BM023251.D
Acq: 18 Oct 2019 10:39

Tgt Ion:252 Resp: 1063513
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 8.5 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 3.055 ng/ul m

RT: 22.83 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BM023251.D

Acq: 18 Oct 2019 10:39

Instrument :

BNA_M

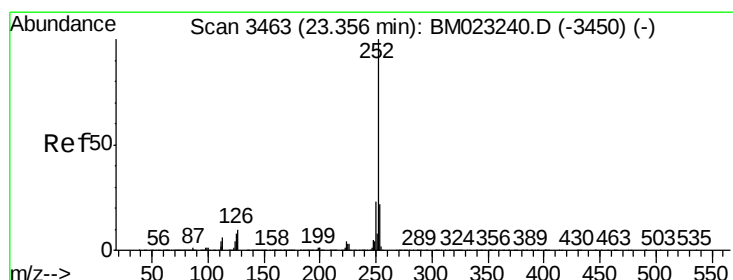
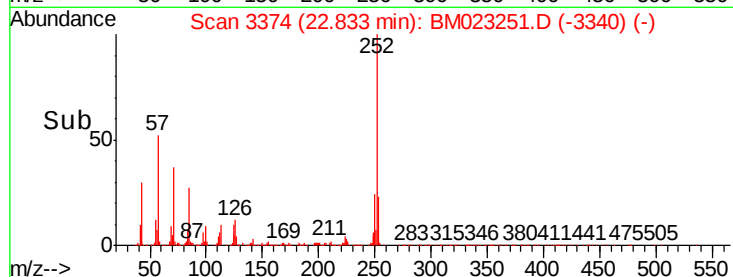
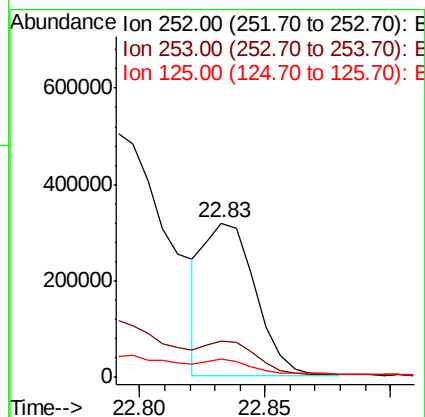
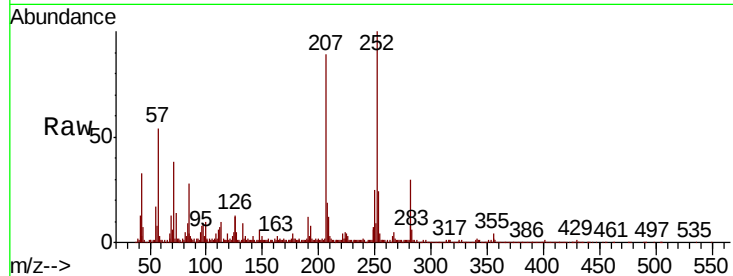
ClientSampleId :

BEPC4

Tot Ion:	252	Resp:	453821
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.0
125	11.7	6.5	9.7#

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#91

Benzo(a)pyrene

Concen: 5.564 ng/ul

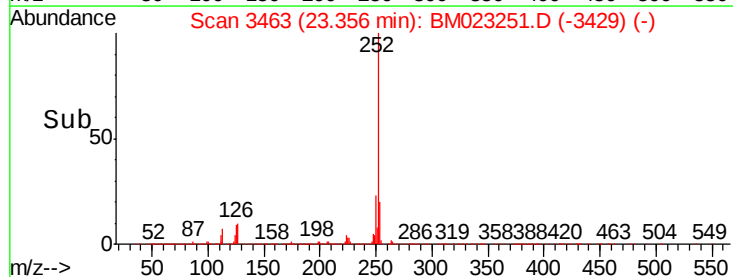
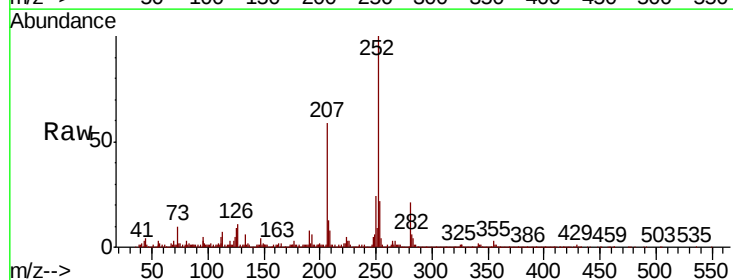
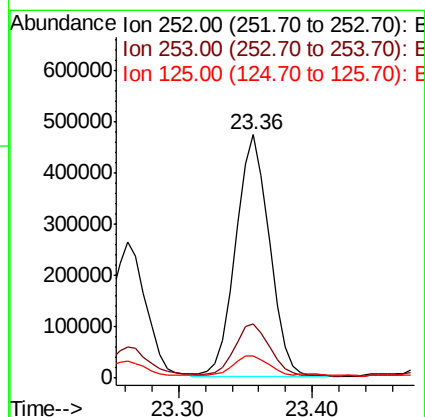
RT: 23.36 min Scan# 3463

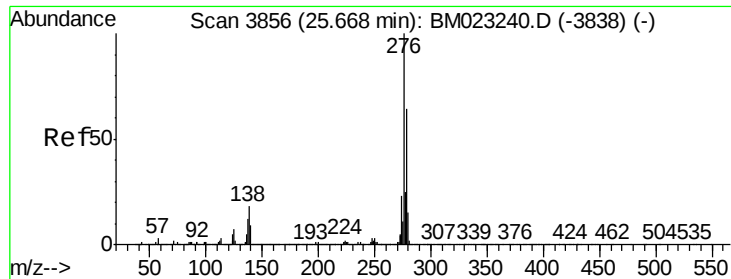
Delta R.T. -0.00 min

Lab File: BM023251.D

Acq: 18 Oct 2019 10:39

Tgt Ion:	252	Resp:	825718
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	9.3	7.4	11.0





#92

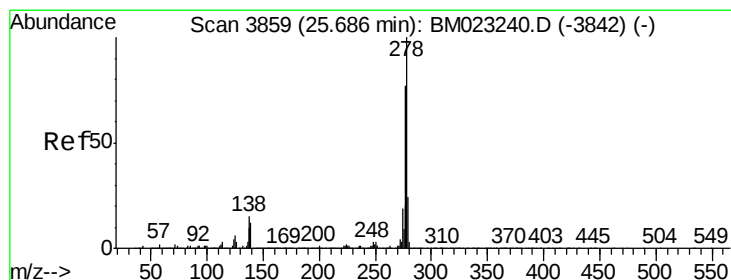
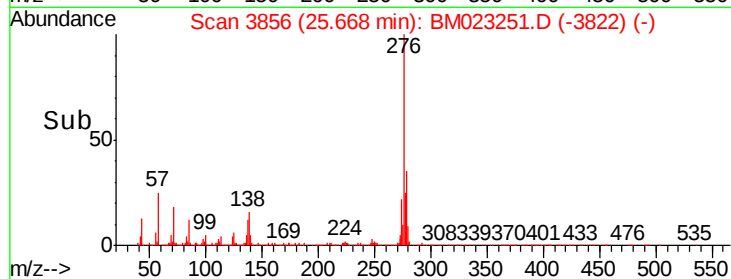
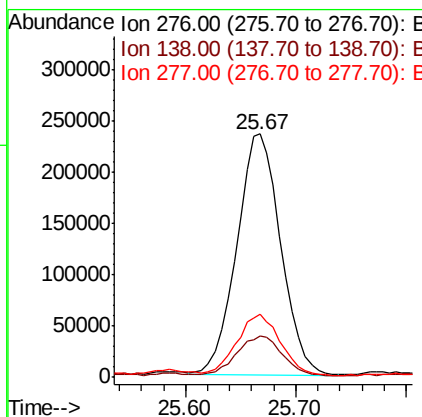
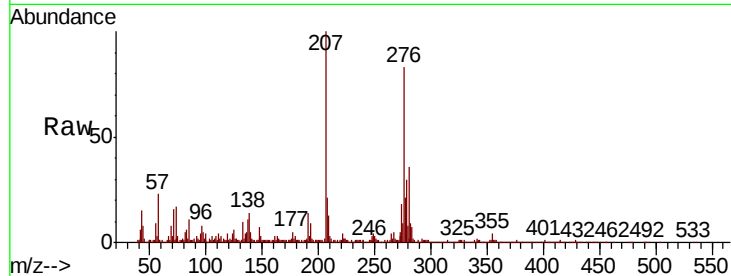
Indeno(1,2,3-cd)pyrene
Concen: 3.713 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. -0.00 min
Lab File: BM023251.D
Acq: 18 Oct 2019 10:39

Instrument :
BNA_M
ClientSampleId :
BEPC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.9	22.3
277	25.9	19.8	29.8

Manual Integrations
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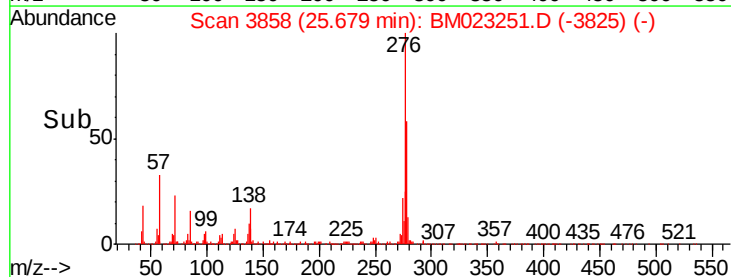
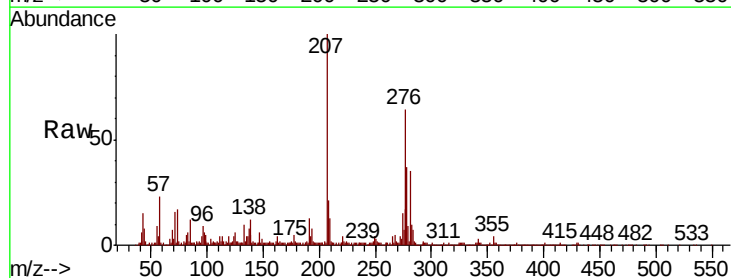
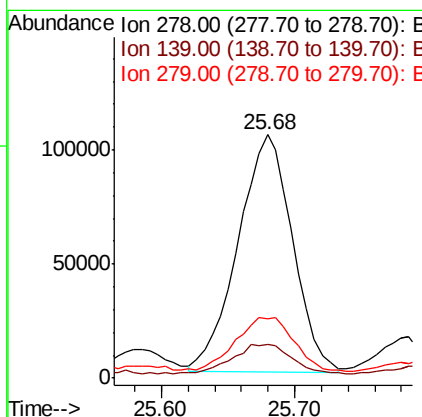
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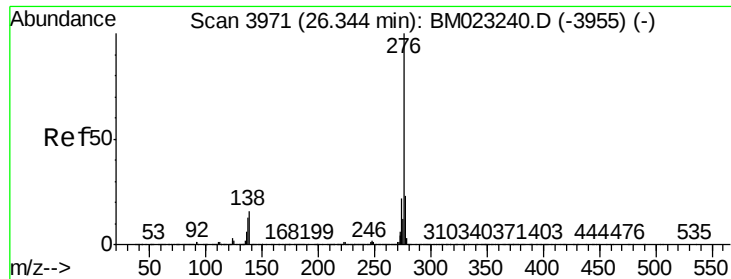


#93

Dibenzo(a,h)anthracene
Concen: 2.007 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BM023251.D
Acq: 18 Oct 2019 10:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	10.0	15.0
279	24.3	19.4	29.0





#94
 Benzo(a,h,i)perylene
 Concen: 4.346 ng/ul
 RT: 26.34 min Scan# 3970
 Delta R.T. -0.01 min
 Lab File: BM023251.D
 Acq: 18 Oct 2019 10:39

Instrument :
 BNA_M
 ClientSampleId :
 BEPC4

Tot Ion:	276	Resp:	631747
Ion Ratio	Lower	Upper	
276	100		
138	15.5	14.4	21.6
277	23.7	19.4	29.2

Manual Integrations
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