

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023248.D
 Acq On : 18 Oct 2019 08:52
 Operator : JU
 Sample : K5235-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPC5

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:07:07 PM

Quant Time: Oct 18 13:05:09 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	397067	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1511585	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	893705	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1817316	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1875062	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2334601	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	36493	4.04	ng/uL	0.00
5) Phenol-d5	6.83	99	643353	18.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	392570	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	558502	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	428314	15.42	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	266318	26.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	294480	30.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	560395	22.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	518684	17.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1667984	24.35	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1958271	24.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	195473	17.63	ng/ul	0.00
58) Fluorene-d10	15.30	176	1440122	24.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	161520	22.42	ng/ul	0.00
71) Anthracene-d10	17.15	188	2198647	25.09	ng/ul	0.00
79) Pyrene-d10	19.44	212	2613131	28.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	3221564	27.22	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.86	94	101979	2.860	ng/ul 97
45) Dimethylphthalate	13.77	163	506344	7.386	ng/ul 100
70) Phenanthrene	17.09	178	652522	6.398	ng/ul 99
72) Anthracene	17.18	178	207973	1.973	ng/ul 98
77) Fluoranthene	19.12	202	1245689	10.270	ng/ul 98
80) Pyrene	19.47	202	1471708	12.529	ng/ul 100
81) Butylbenzylphthalate	20.40	149	49654	1.215	ng/ul 95
83) Benzo(a)anthracene	21.23	228	973011	7.659	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	21.19	149	115240	1.774	ng/ul 99
85) Chrysene	21.28	228	971416	8.234	ng/ul 98
87) Di-n-octyl phthalate	22.06	149	156850	1.302	ng/ul 100
88) Benzo(b)fluoranthene	22.79	252	1107402	7.823	ng/ul 98
89) Benzo(k)fluoranthene	22.83	252	493870m	3.634	ng/ul
91) Benzo(a)pyrene	23.36	252	938408	6.910	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.67	276	700502	4.336	ng/ul 99
93) Dibenzo(a,h)anthracene	25.68	278	328118	2.429	ng/ul 95
94) Benzo(g,h,i)perylene	26.34	276	675777	5.080	ng/ul 98

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

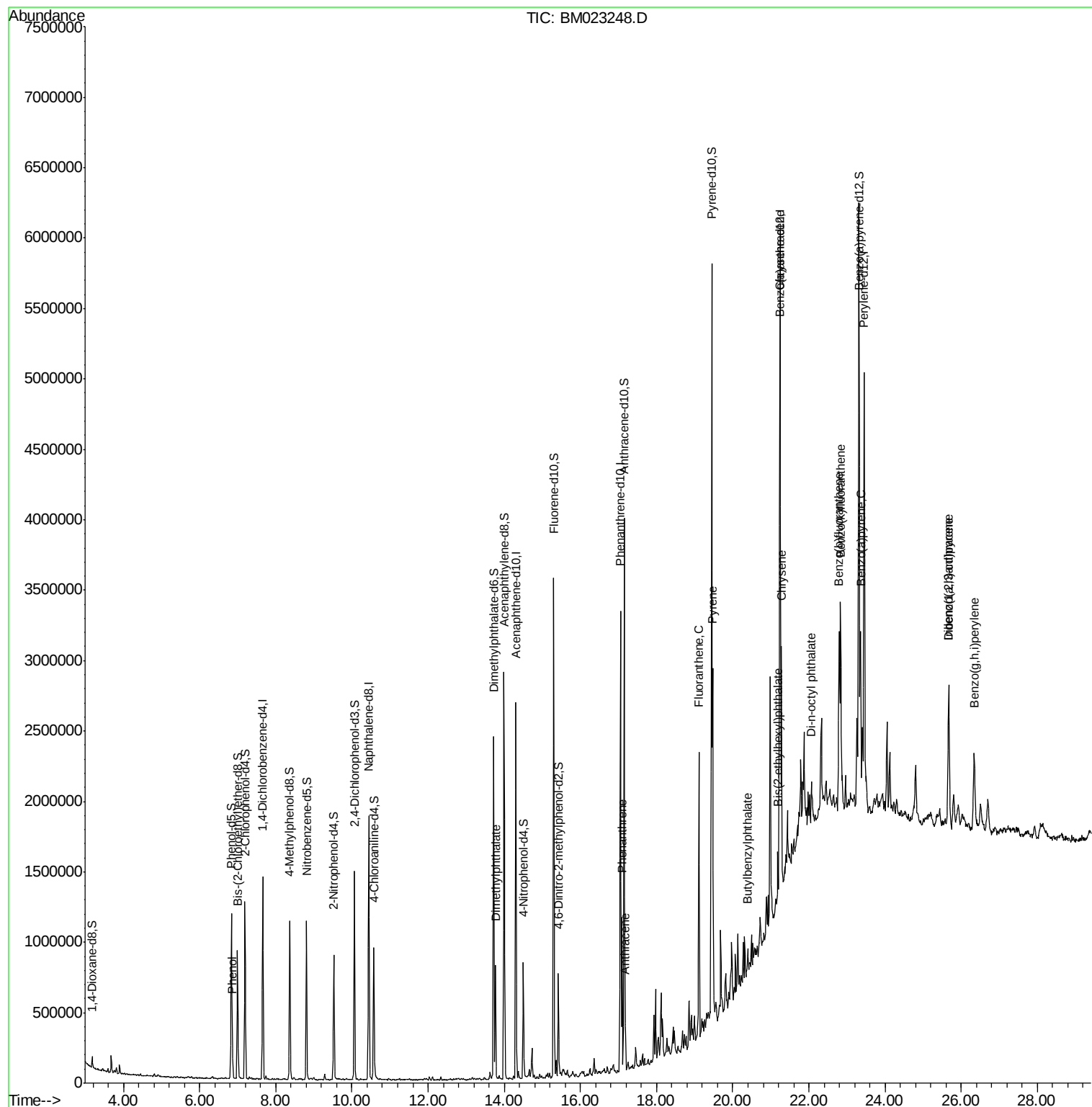
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023248.D
Acq On : 18 Oct 2019 08:52
Operator : JU
Sample : K5235-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

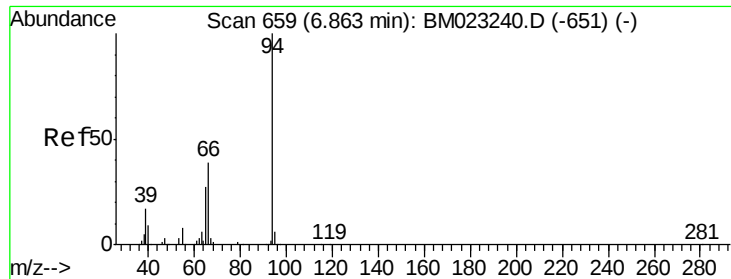
Instrument :
BNA_M
ClientSampleId :
BEPC5

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.860 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Instrument :

BNA_M

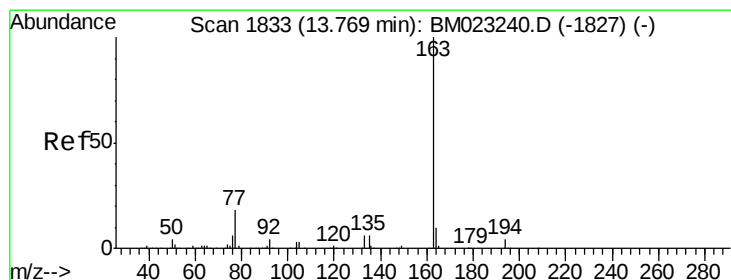
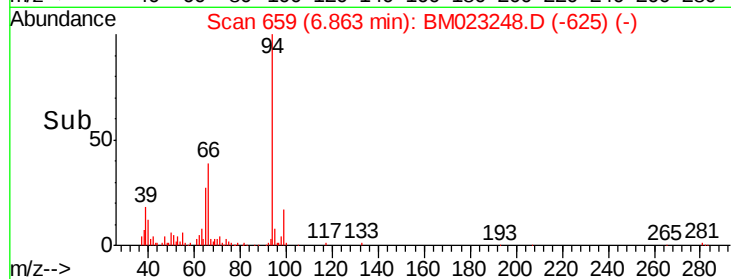
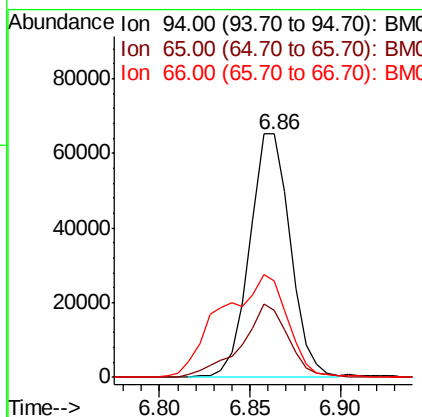
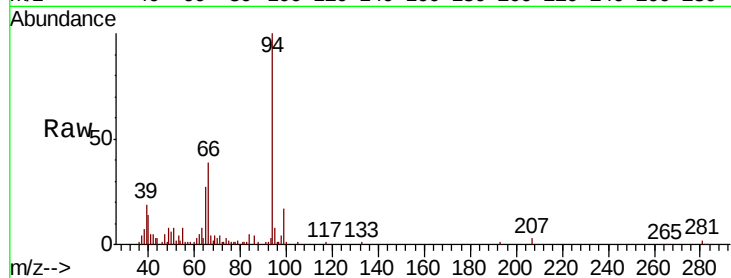
ClientSampleId :

BEPC5

Tot Ion:	94	Resp:	101979
Ion	Ratio	Lower	Upper
94	100		
65	27.4	23.7	35.5
66	39.3	32.9	49.3

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#45

Dimethylphthalate

Concen: 7.386 ng/ul

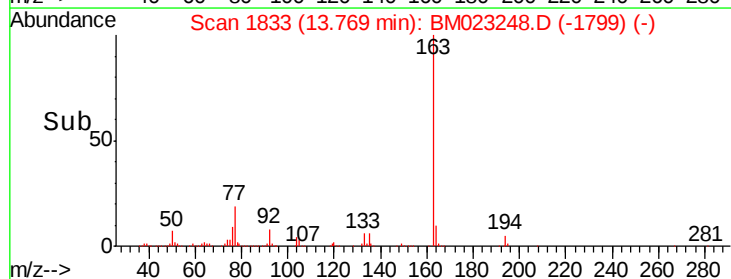
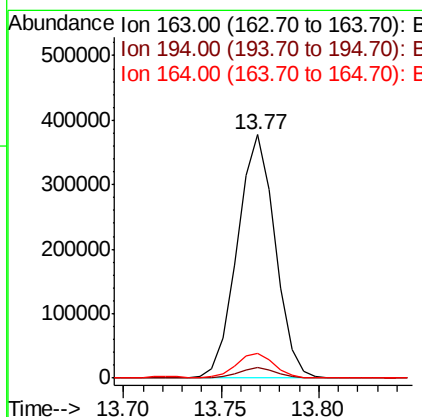
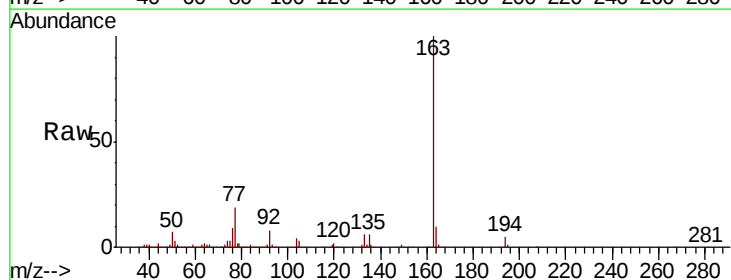
RT: 13.77 min Scan# 1833

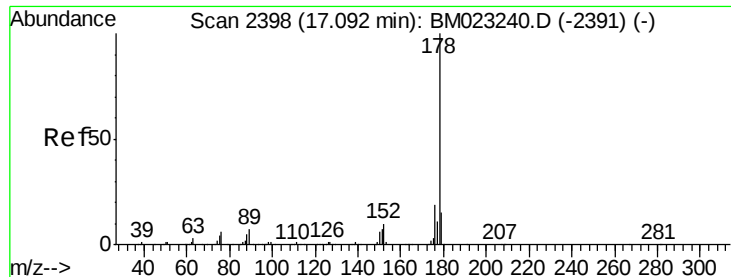
Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Tgt Ion:	163	Resp:	506344
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.0	8.0	12.0





#70

Phenanthrene

Concen: 6.398 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Instrument :

BNA_M

ClientSampleId :

BEPC5

Tot Ion:178 Resp: 652522

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

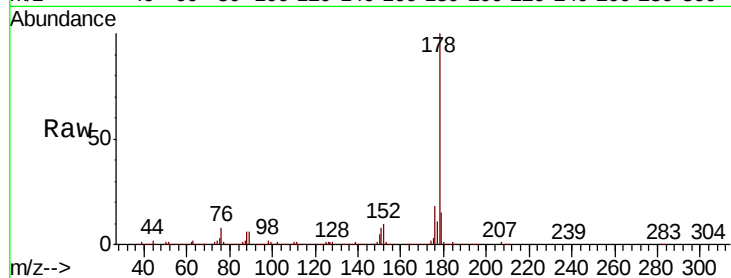
176 18.5 15.5 23.3

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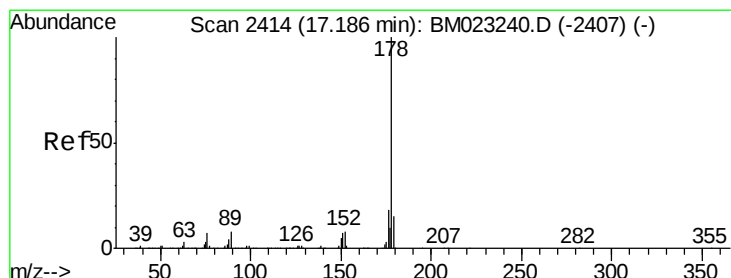
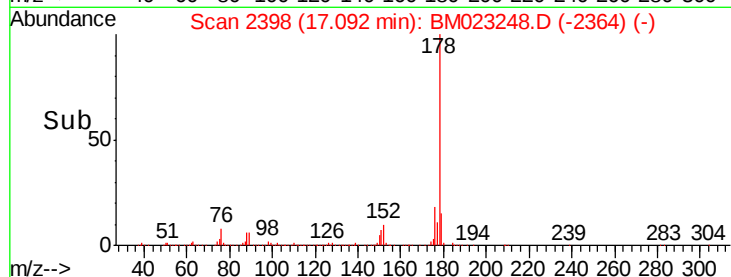
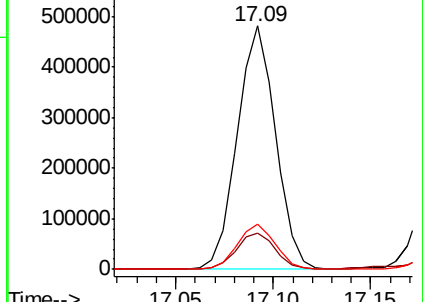
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.973 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

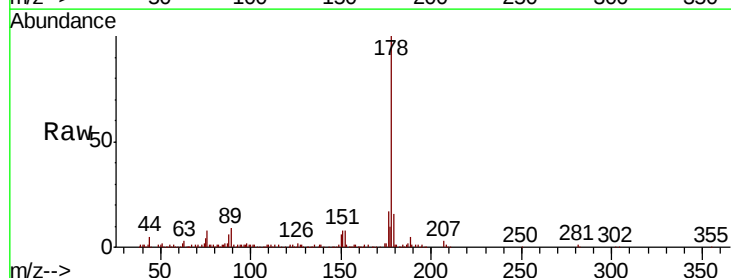
Tgt Ion:178 Resp: 207973

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

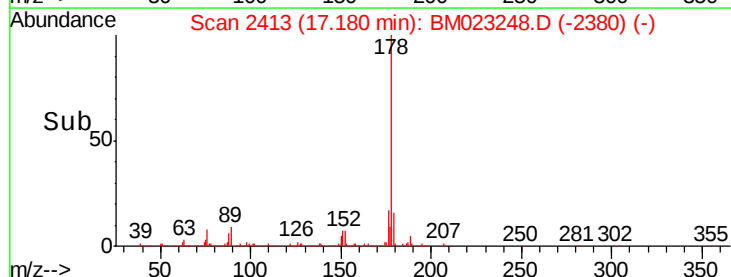
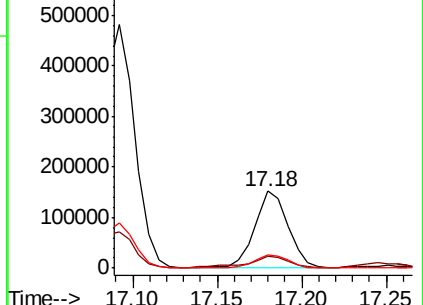
176 17.3 15.0 22.4

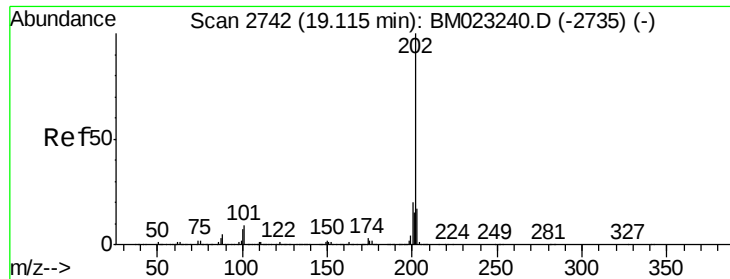


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





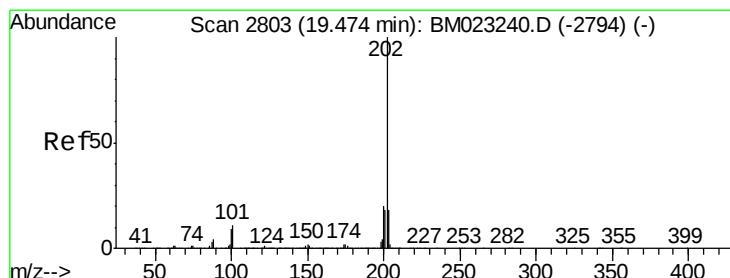
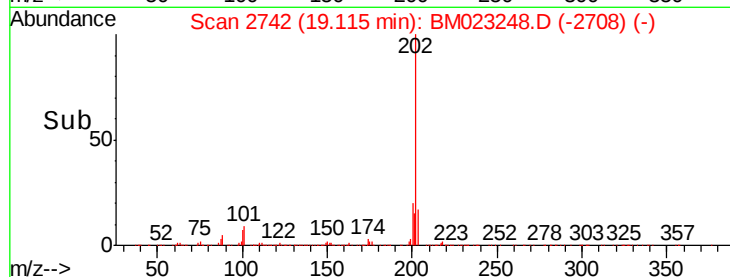
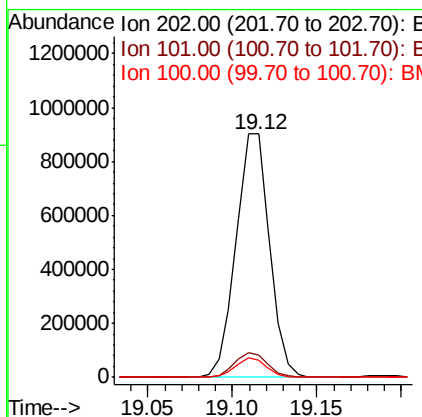
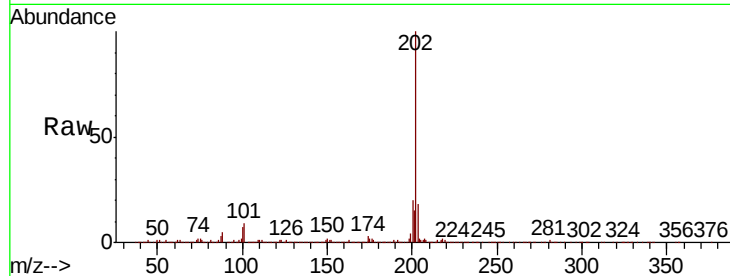
#77
 Fluoranthene
 Concen: 10.270 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.00 min
 Lab File: BM023248.D
 Acq: 18 Oct 2019 08:52

Instrument :
 BNA_M
 ClientSampleId :
 BEPC5

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.8	11.8
100	7.2	6.1	9.1

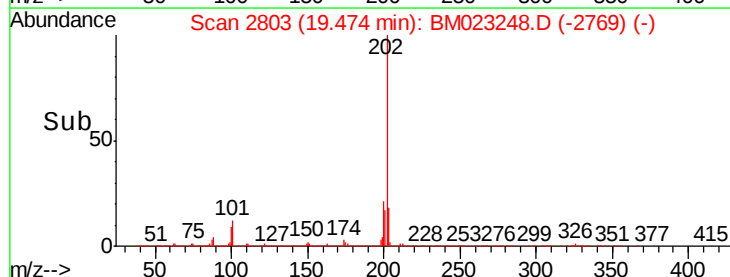
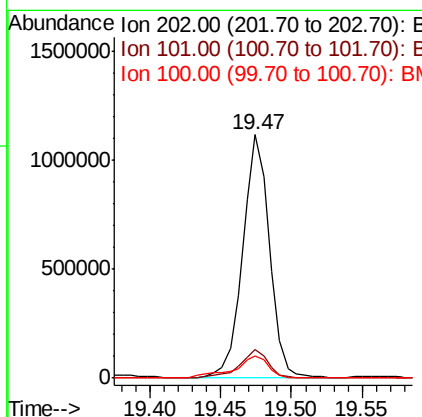
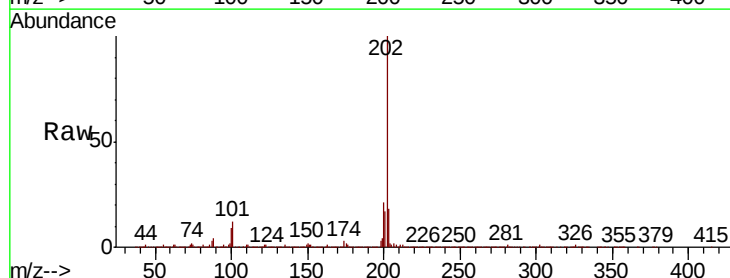
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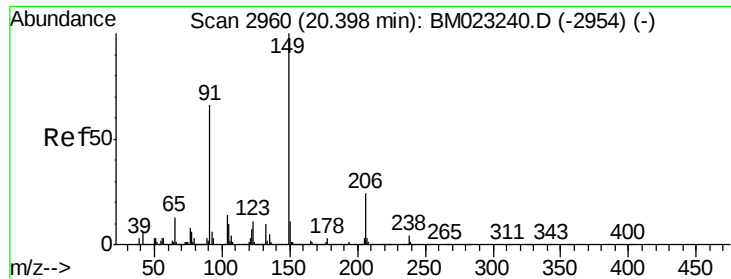
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#80
 Pyrene
 Concen: 12.529 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. 0.00 min
 Lab File: BM023248.D
 Acq: 18 Oct 2019 08:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
100	9.3	7.5	11.3





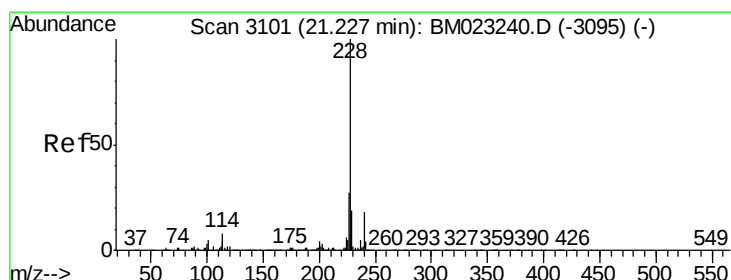
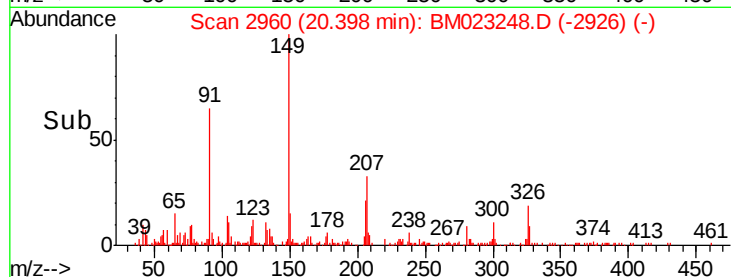
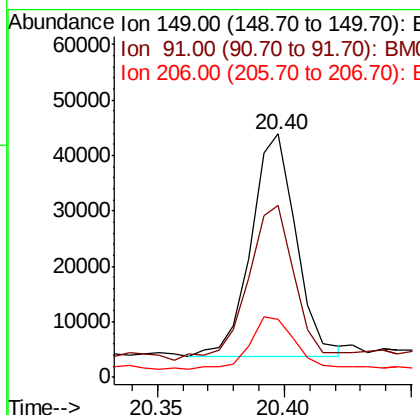
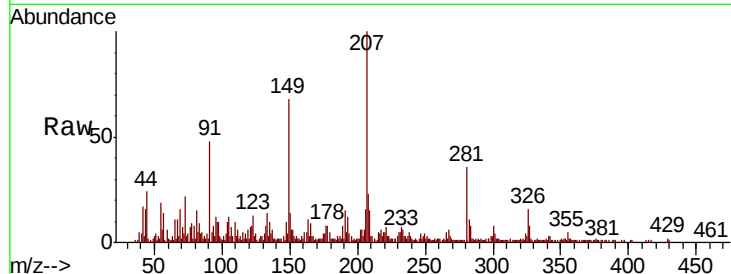
#81
Butylbenzylphthalate
Concen: 1.215 ng/ul
RT: 20.40 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

Instrument :
BNA_M
ClientSampled :
BEPC5

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	59.9	89.9
206	23.7	17.1	25.7

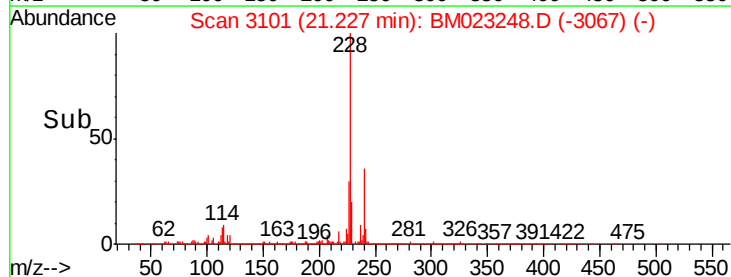
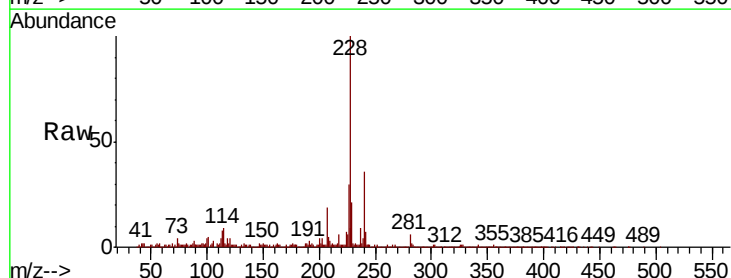
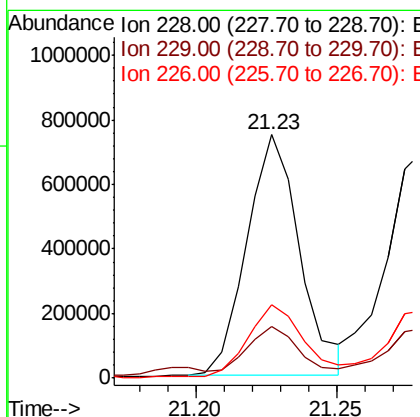
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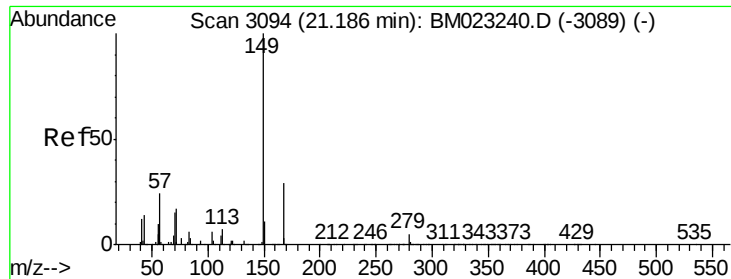
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#83
Benzo(a)anthracene
Concen: 7.659 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	30.2	21.6	32.4





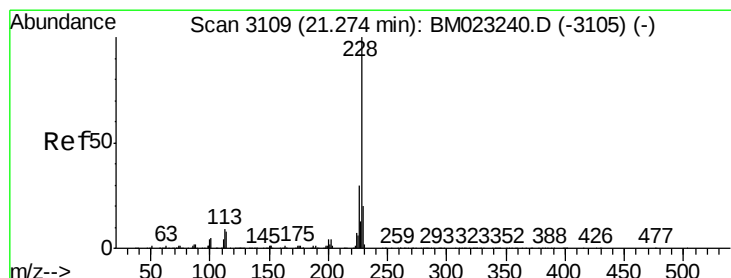
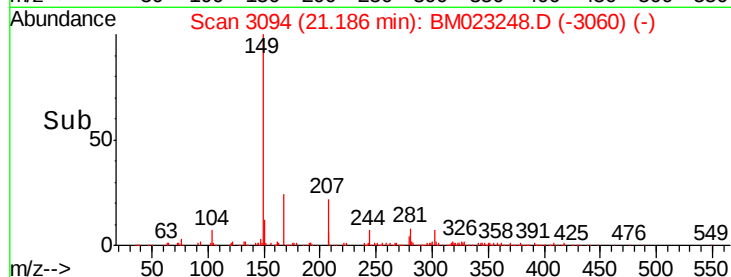
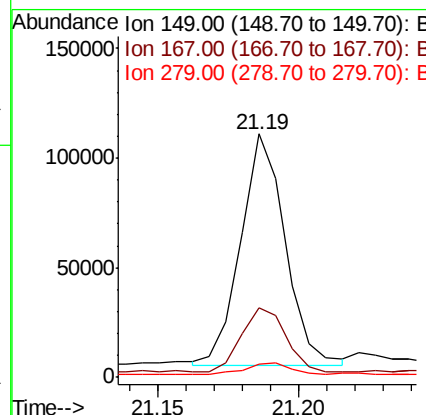
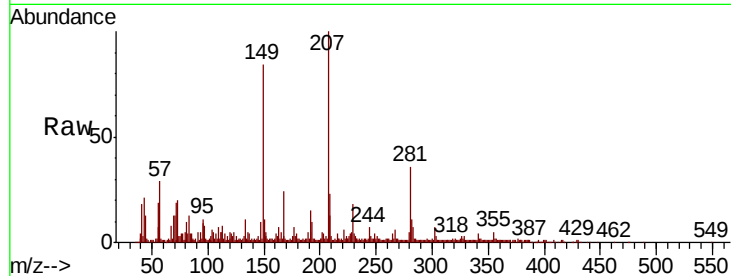
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.774 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. 0.00 min
 Lab File: BM023248.D
 Acq: 18 Oct 2019 08:52

Instrument :
 BNA_M
 ClientSampleId :
 BEPC5

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	5.4	4.0	6.0

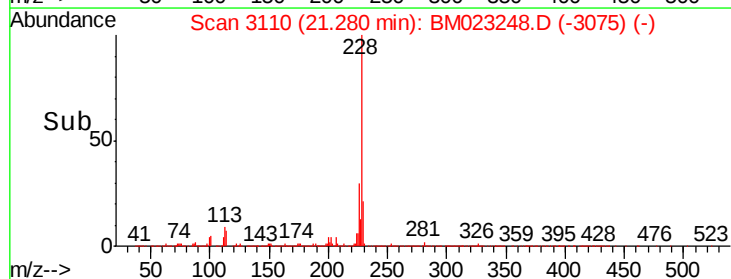
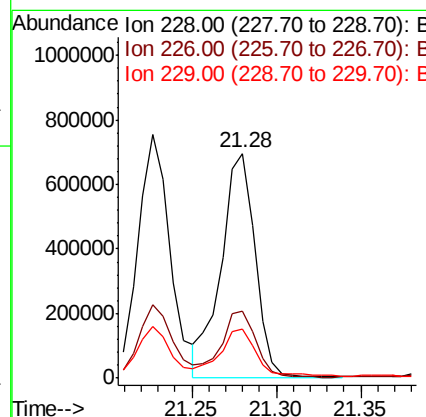
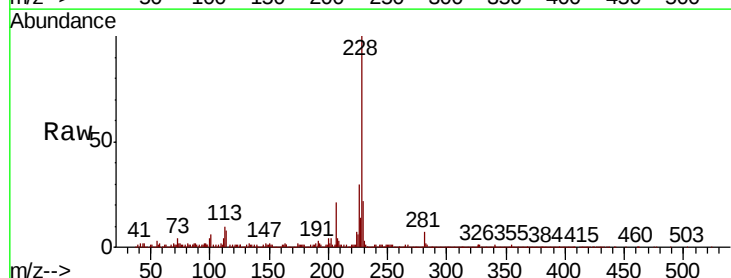
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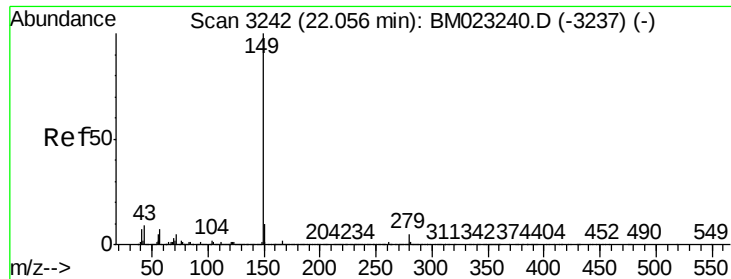
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#85
 Chrysene
 Concen: 8.234 ng/ul
 RT: 21.28 min Scan# 3110
 Delta R.T. 0.01 min
 Lab File: BM023248.D
 Acq: 18 Oct 2019 08:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	22.0	15.5	23.3





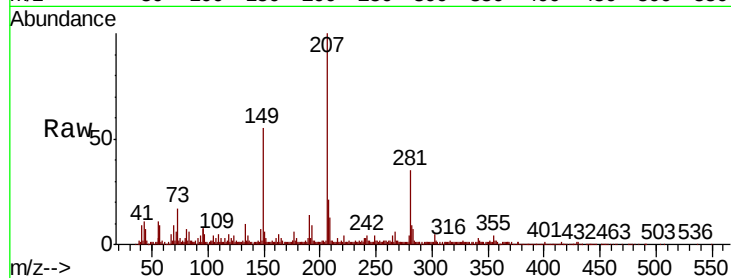
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Di-n-octyl phthalate
Concen: 1.302 ng/ul
RT: 22.06 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

Instrument :
BNA_M
ClientSampleId :
BEPC5

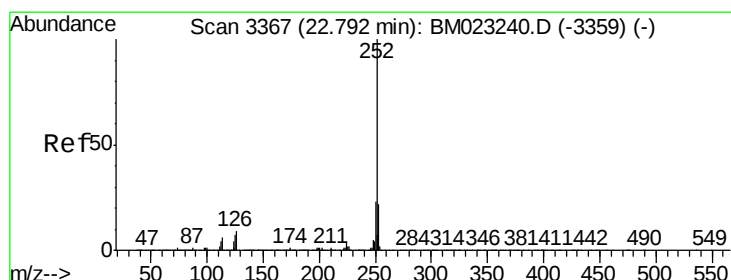
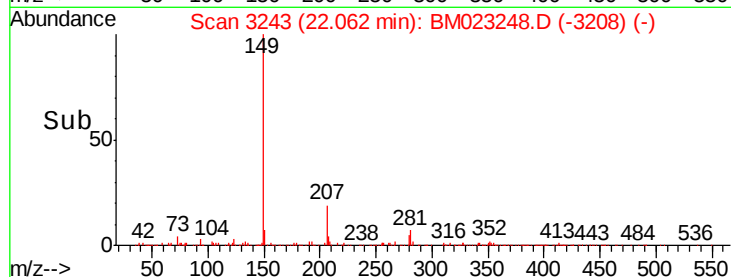
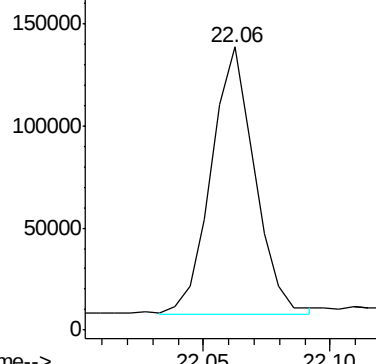
Tgt Ion:149 Resp: 156850

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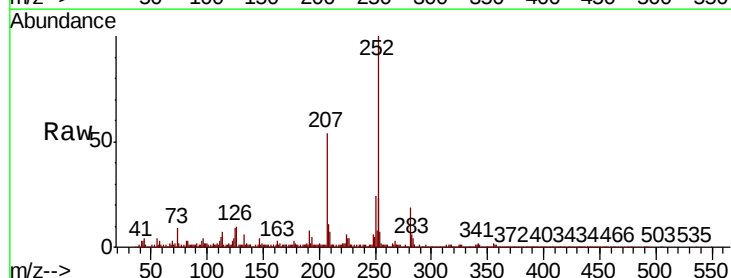


Abundance Ion 149.00 (148.70 to 149.70): E

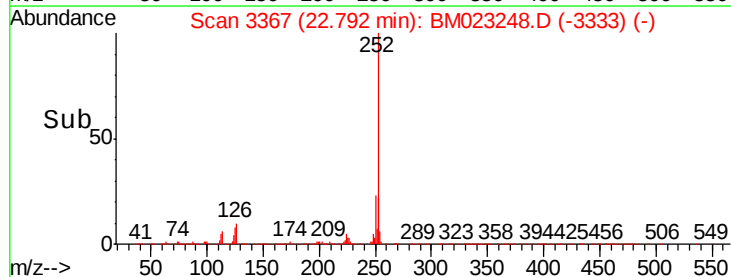
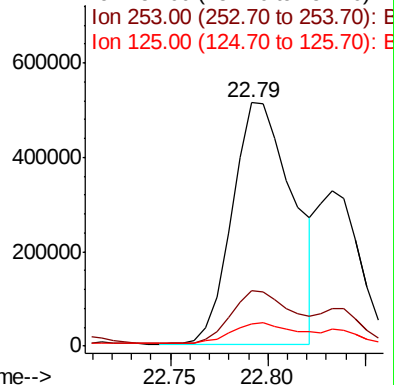


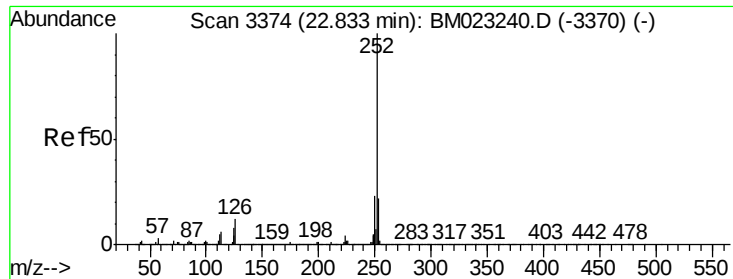
#88
Benzo(b)fluoranthene
Concen: 7.823 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

Tgt Ion:252 Resp: 1107402
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 9.1 6.4 9.6



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 3.634 ng/ul m

RT: 22.83 min Scan# 3374

Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Instrument :

BNA_M

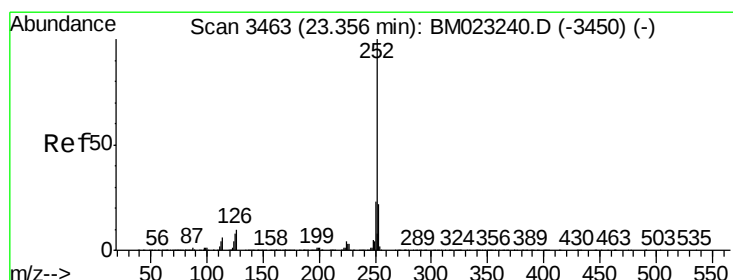
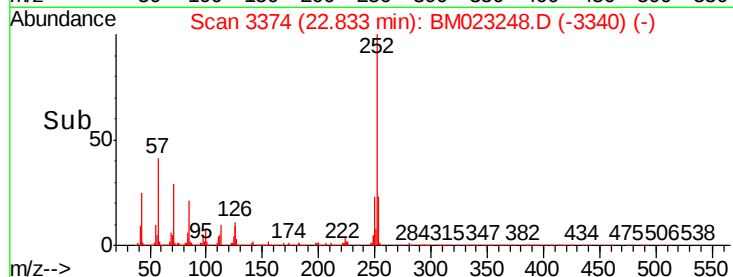
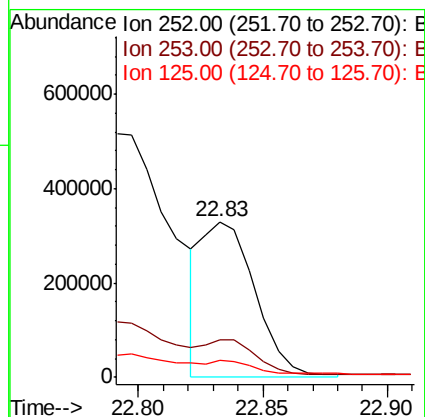
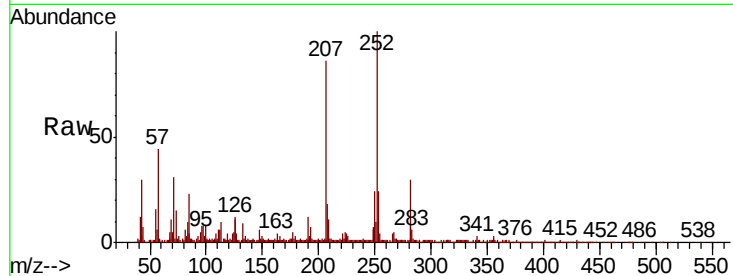
ClientSampleId :

BEPC5

Tot Ion:	252	Resp:	493870
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	10.7	6.5	9.7#

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#91

Benzo(a)pyrene

Concen: 6.910 ng/ul

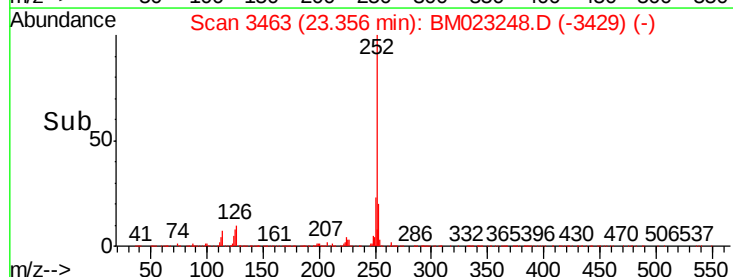
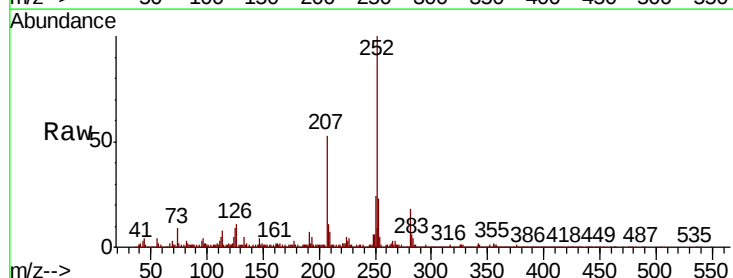
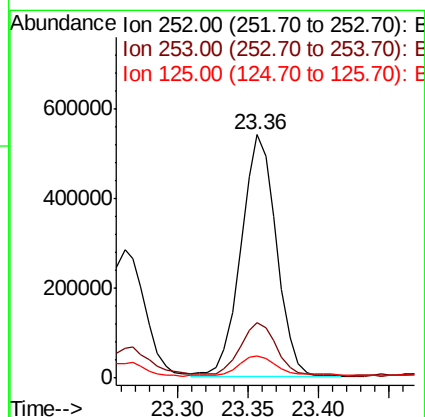
RT: 23.36 min Scan# 3463

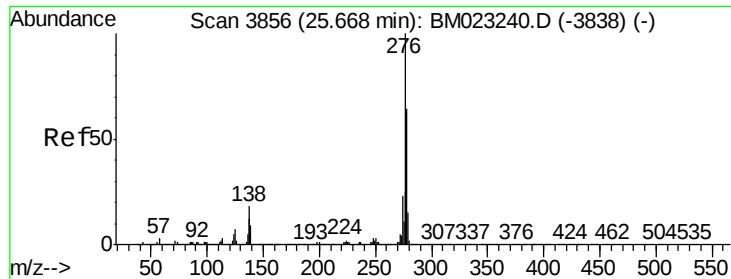
Delta R.T. 0.00 min

Lab File: BM023248.D

Acq: 18 Oct 2019 08:52

Tgt Ion:	252	Resp:	938408
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	9.3	7.4	11.0





#92

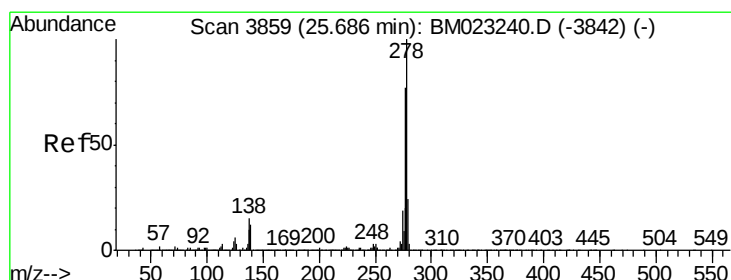
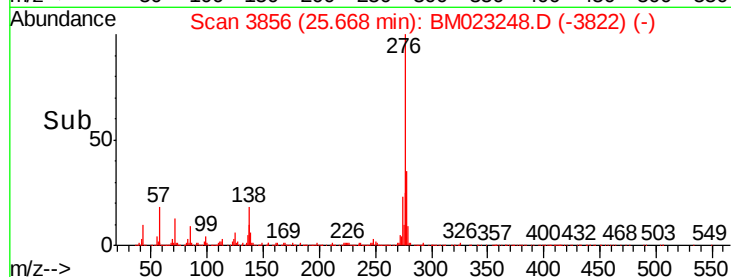
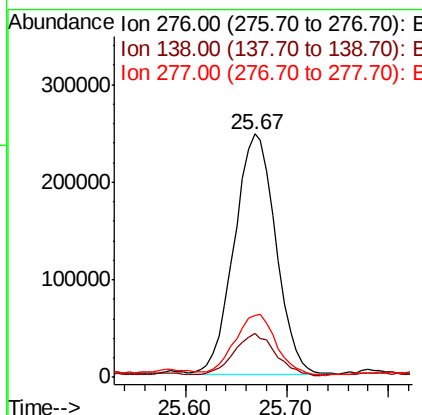
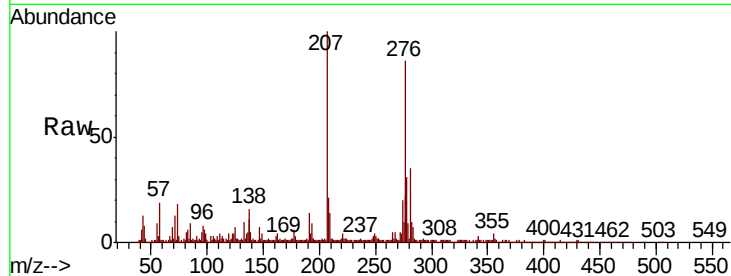
Indeno(1,2,3-cd)pyrene
Concen: 4.336 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. 0.00 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

Instrument :
BNA_M
ClientSampled :
BEPC5

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.9	22.3
277	25.5	19.8	29.8

Manual Integrations
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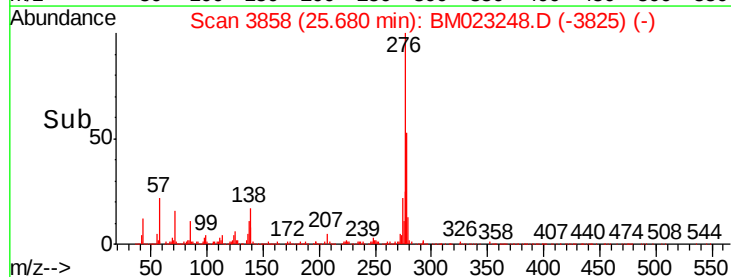
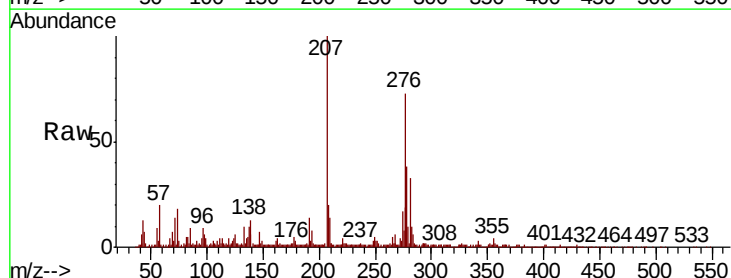
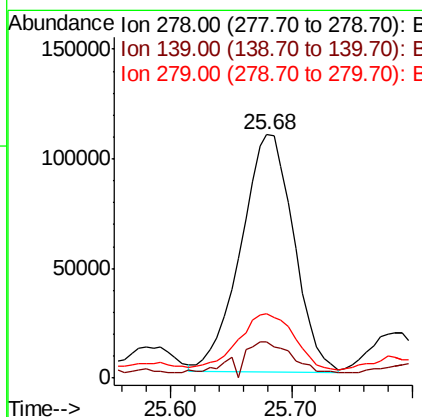
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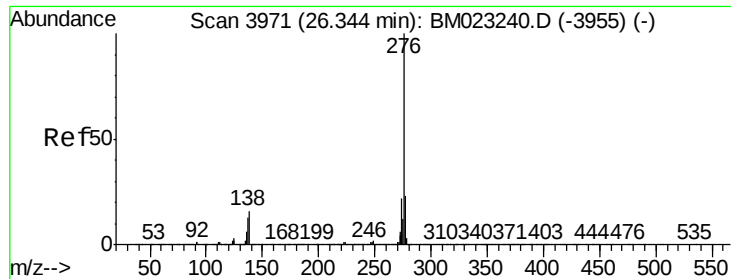


#93

Dibenzo(a,h)anthracene
Concen: 2.429 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BM023248.D
Acq: 18 Oct 2019 08:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.0	15.0
279	26.5	19.4	29.0





#94
 Benzo(a,h,i)perylene
 Concen: 5.080 ng/ul
 RT: 26.34 min Scan# 3971
 Delta R.T. 0.00 min
 Lab File: BM023248.D
 Acq: 18 Oct 2019 08:52

Instrument :
 BNA_M
 ClientSampleId :
 BEPC5

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.4	21.6
277	23.9	19.4	29.2

Manual Integrations
 APPROVED

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