

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023246.D
 Acq On : 18 Oct 2019 07:40
 Operator : JU
 Sample : K5235-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPB7

Manual Integrations
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 10/20/2019 8:07:01 PM

Quant Time: Oct 18 08:57:45 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	360552	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1414807	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	890959	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1852324	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1903395	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2307756	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	20876	2.55	ng/uL	0.00
5) Phenol-d5	6.83	99	384776	12.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	234410	13.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	333273	13.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	274134	10.87	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	166965	17.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	181117	19.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	361536	15.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	284532	10.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1255735	18.39	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1411279	17.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	103877	9.40	ng/ul	0.00
58) Fluorene-d10	15.30	176	1152878	19.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	87878	11.97	ng/ul	0.00
71) Anthracene-d10	17.15	188	1938248	21.70	ng/ul	0.00
79) Pyrene-d10	19.45	212	2297331	24.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2742546	23.44	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.86	94	62980	1.945	ng/ul	96
28) Naphthalene	10.49	128	114563	1.567	ng/ul	100
34) 2-Methylnaphthalene	12.11	142	107113	1.968	ng/ul	98
45) Dimethylphthalate	13.77	163	435369	6.371	ng/ul	99
50) Acenaphthene	14.37	153	275526	4.833	ng/ul	97
59) Fluorene	15.36	166	244780	3.686	ng/ul#	97
70) Phenanthrene	17.09	178	4410289	42.425	ng/ul	99
72) Anthracene	17.19	178	936103	8.714	ng/ul	100
75) Carbazole	17.45	167	128597	1.340	ng/ul	99
77) Fluoranthene	19.12	202	4142539	33.507	ng/ul	98
80) Pyrene	19.48	202	5323083	44.642	ng/ul	98
83) Benzo(a)anthracene	21.23	228	2760629	21.405	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	3580811	54.300	ng/ul	98
85) Chrysene	21.28	228	2701372	22.558	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	2587961	18.496	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	885684m	6.592	ng/ul	
91) Benzo(a)pyrene	23.36	252	2182292	16.257	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	1236249	7.741	ng/ul	98
93) Dibenzo(a,h)anthracene	25.68	278	392189	2.937	ng/ul	95
94) Benzo(g,h,i)perylene	26.35	276	1222220	9.295	ng/ul	98

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

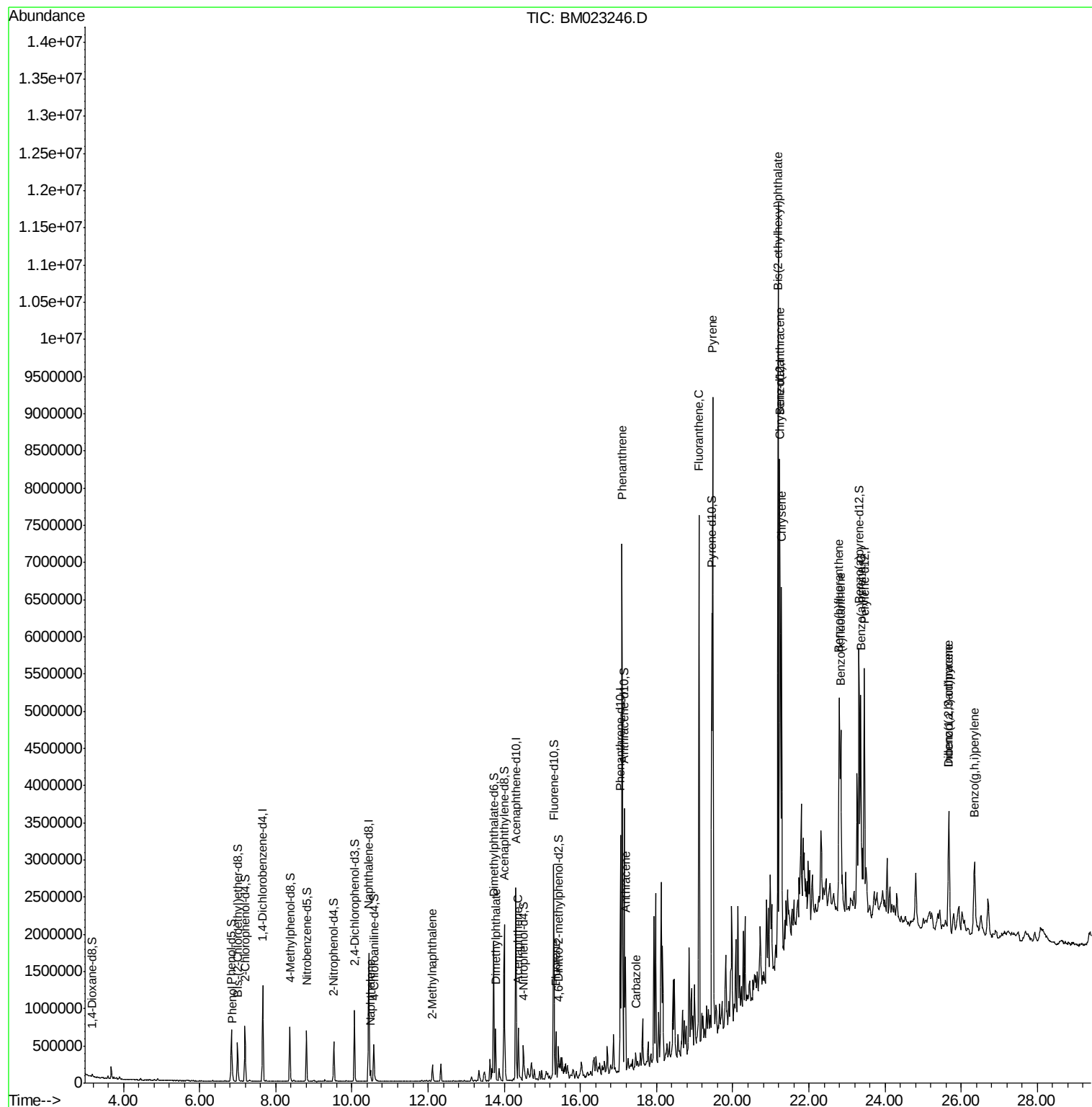
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023246.D
Acq On : 18 Oct 2019 07:40
Operator : JU
Sample : K5235-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

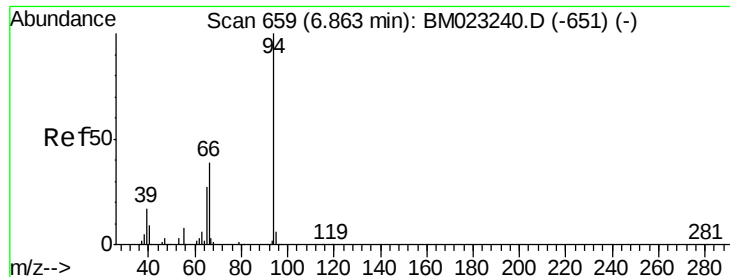
Instrument :
BNA_M
ClientSampleId :
BEPB7

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





#6

Phenol

Concen: 1.945 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

Instrument :

BNA_M

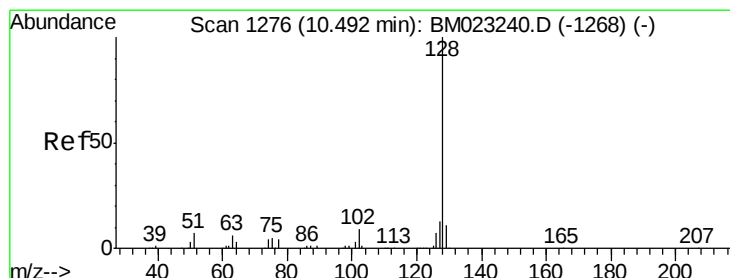
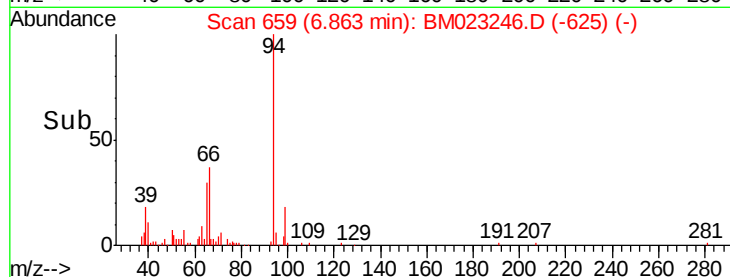
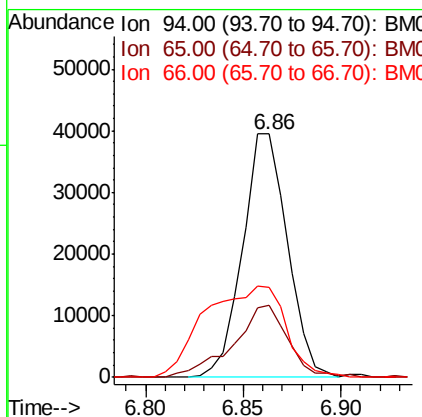
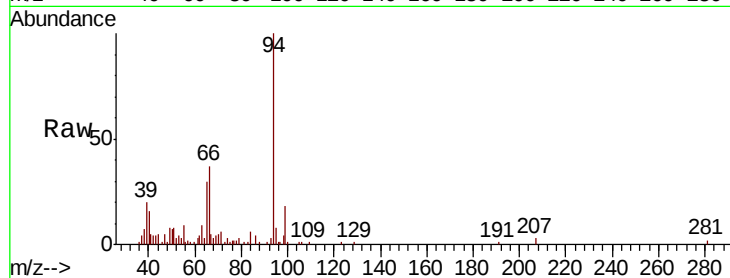
ClientSampled :

BEPB7

Tot Ion:	94	Resp:	62980
Ion	Ratio	Lower	Upper
94	100		
65	29.9	23.7	35.5
66	37.1	32.9	49.3

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#28

Naphthalene

Concen: 1.567 ng/ul

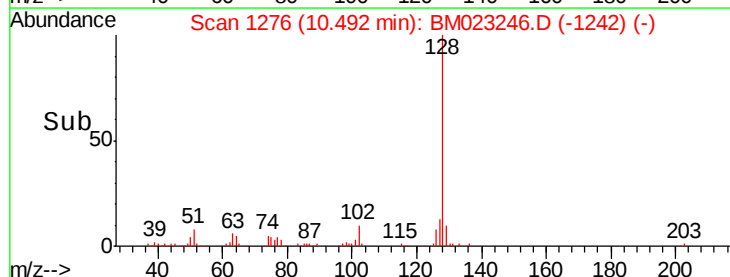
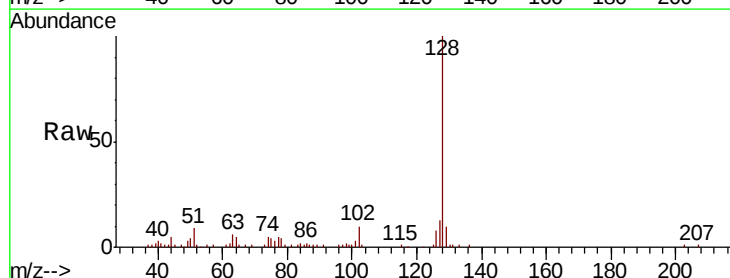
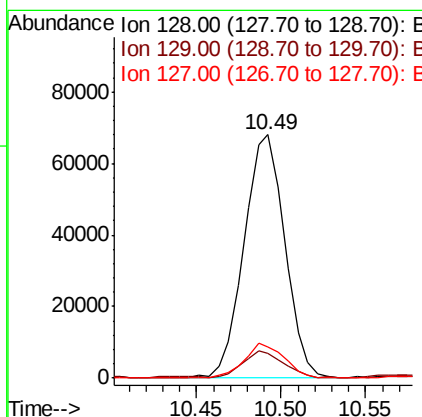
RT: 10.49 min Scan# 1276

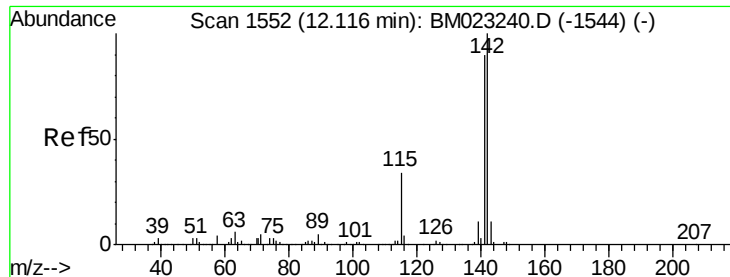
Delta R.T. 0.00 min

Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

Tgt Ion:	128	Resp:	114563
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.3	12.5
127	12.7	10.2	15.4





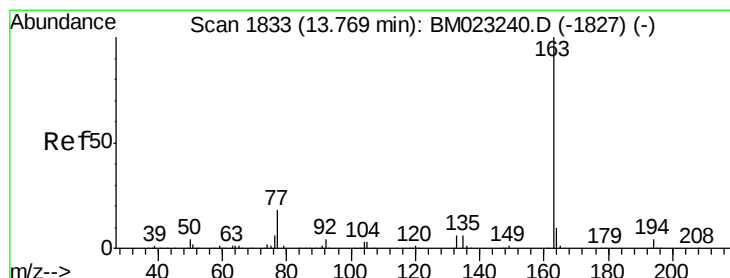
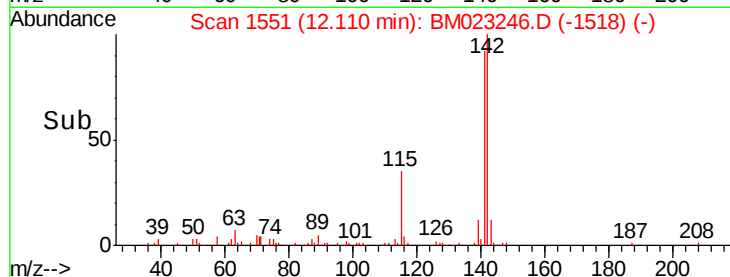
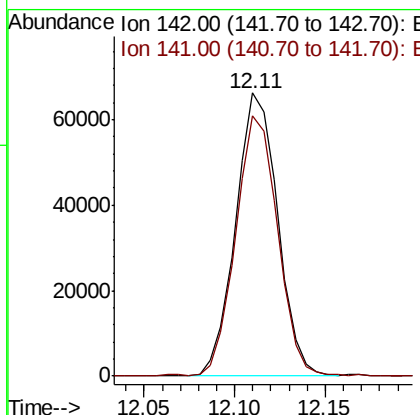
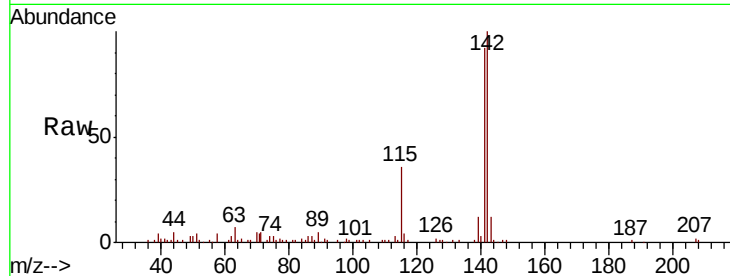
#34
 2-Methylnaphthalene
 Concen: 1.968 ng/ul
 RT: 12.11 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BM023246.D
 Acq: 18 Oct 2019 07:40

Instrument :
 BNA_M
 ClientSampleId :
 BEPB7

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.1	108.1

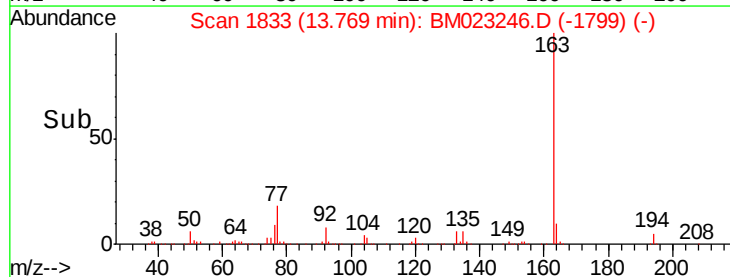
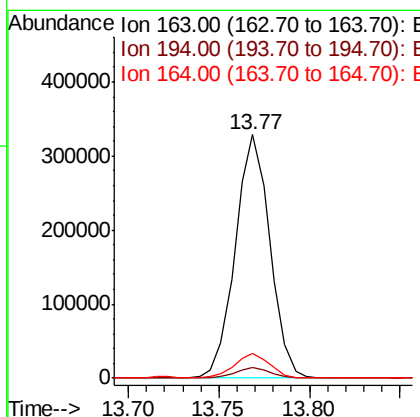
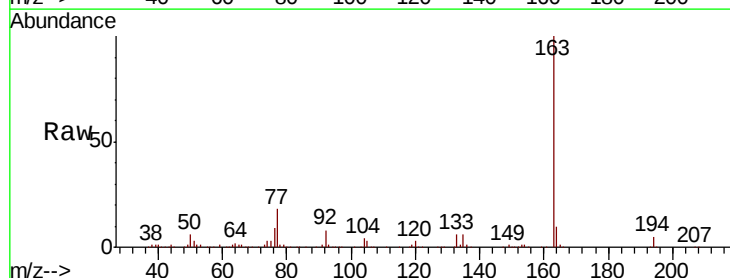
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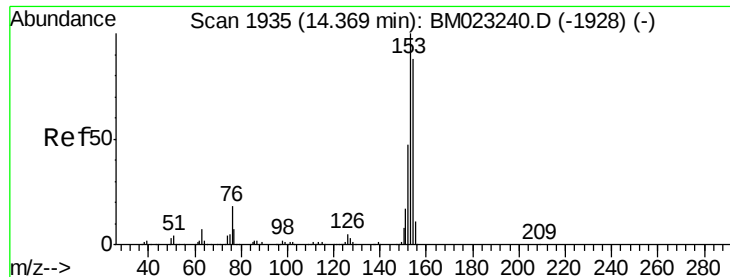
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#45
 Dimethylphthalate
 Concen: 6.371 ng/ul
 RT: 13.77 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BM023246.D
 Acq: 18 Oct 2019 07:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.3	8.0	12.0





#50

Acenaphthene

Concen: 4.833 ng/ul

RT: 14.37 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

Instrument :

BNA_M

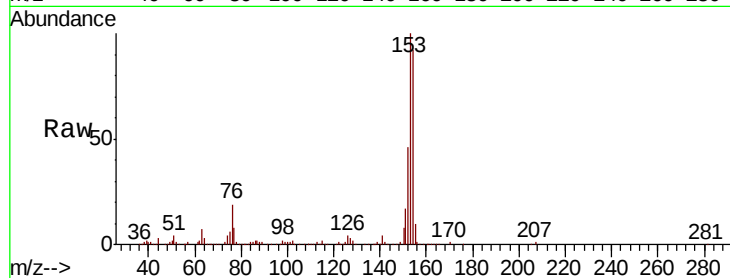
ClientSampleId :

BEPB7

Tot Ion:	153	Resp:	275526
Ion Ratio	Lower	Upper	
153	100		
152	46.3	38.0	57.0
154	91.8	70.4	105.6

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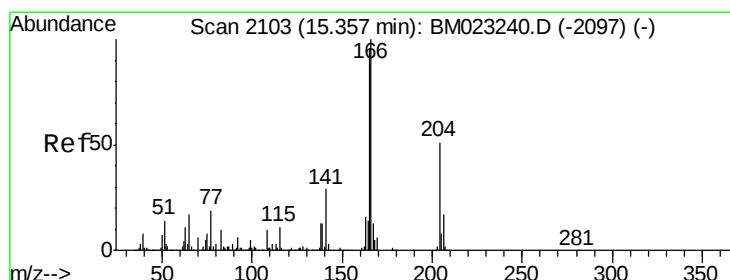
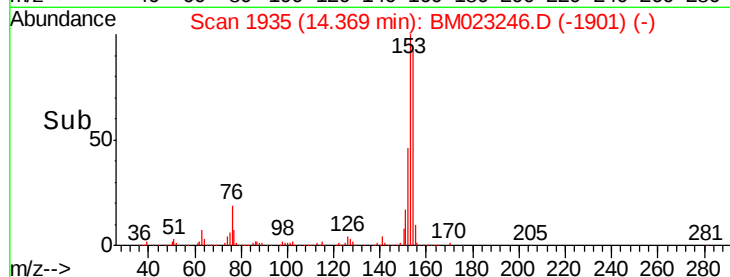
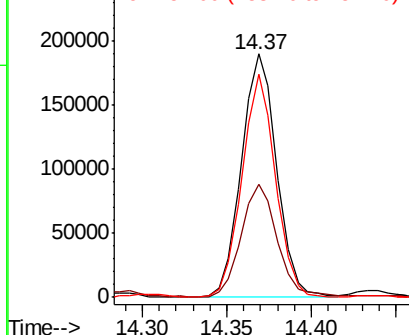


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 3.686 ng/ul

RT: 15.36 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

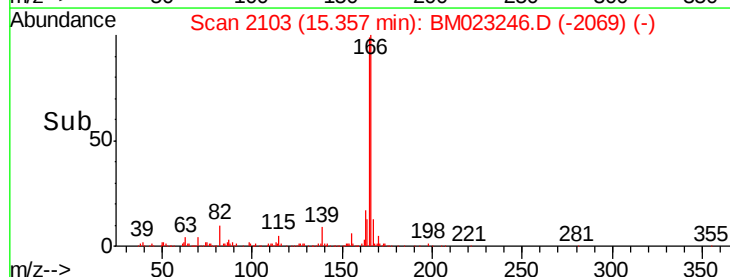
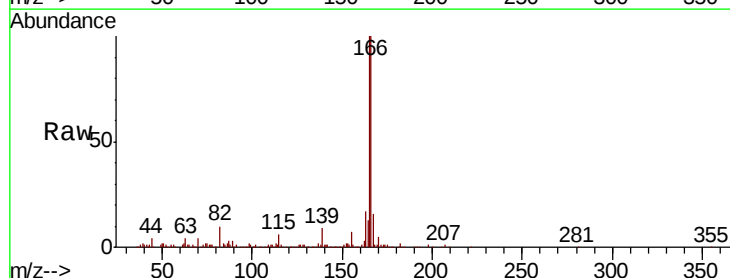
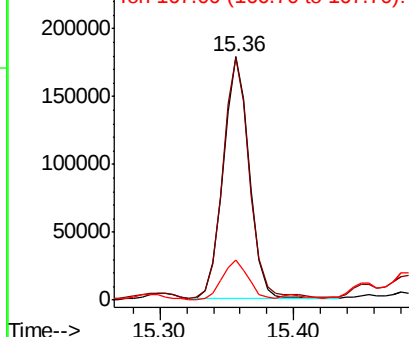
Tgt Ion:	166	Resp:	244780
Ion Ratio	Lower	Upper	
166	100		
165	99.6	77.4	116.0
167	16.2	10.8	16.2#

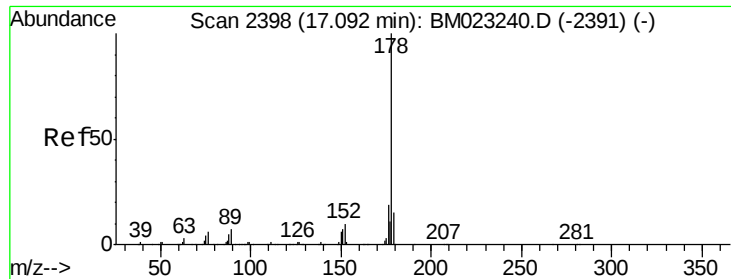
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





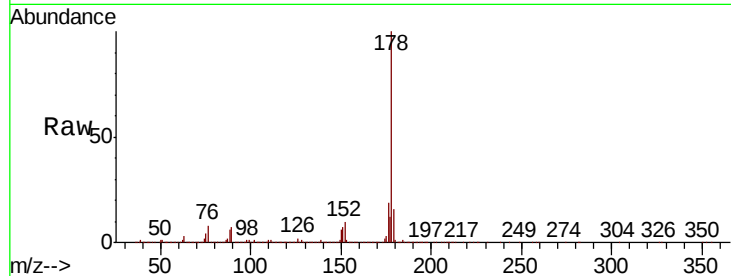
#70
Phenanthrene
Concen: 42.425 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM023246.D
Acq: 18 Oct 2019 07:40

Instrument :
BNA_M
ClientSampleId :
BEPB7

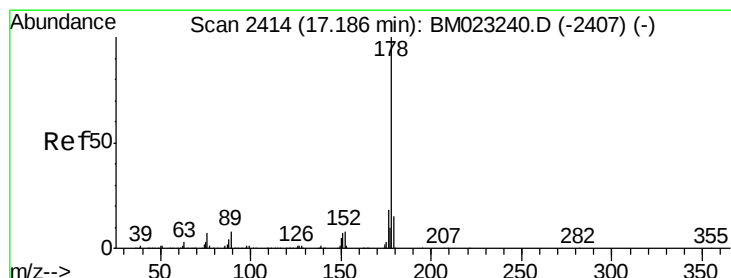
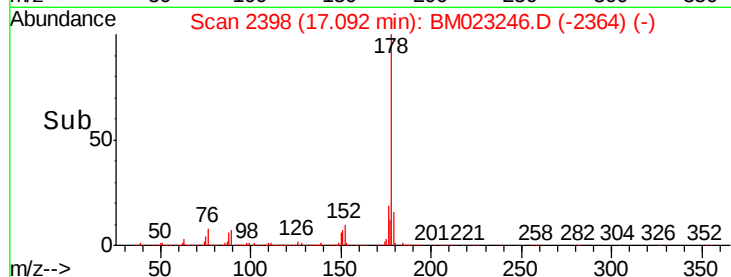
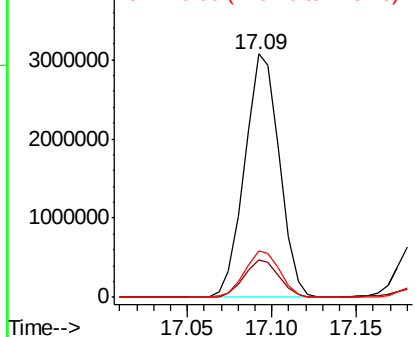
Tot Ion:178 Resp: 4410289
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.2 15.5 23.3

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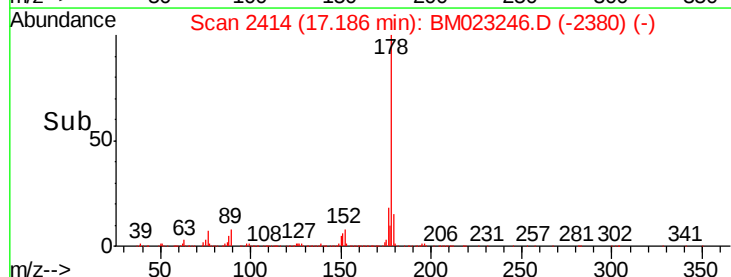
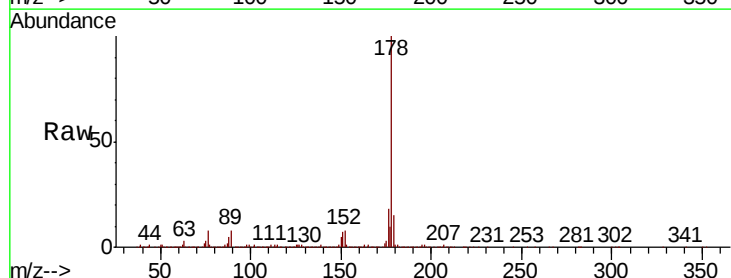
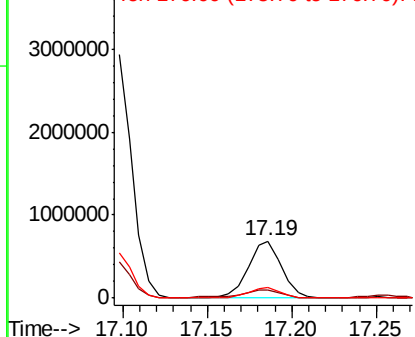
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

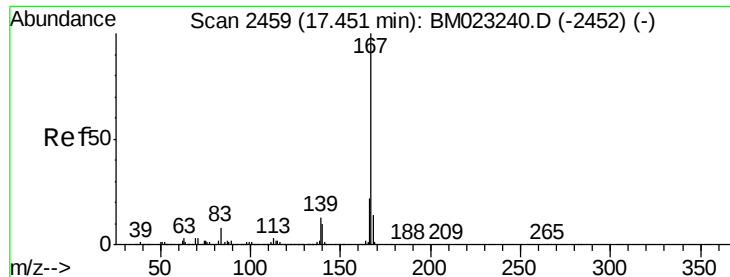


#72
Anthracene
Concen: 8.714 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM023246.D
Acq: 18 Oct 2019 07:40

Tgt Ion:178 Resp: 936103
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.5 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





#75

Carbazole

Concen: 1.340 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

Instrument :

BNA_M

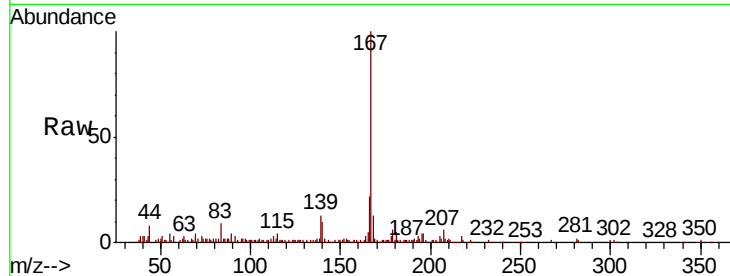
ClientSampleId :

BEPB7

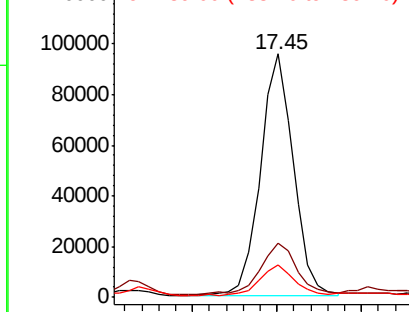
Tot Ion:	167	Resp:	128597
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.4	26.0
139	13.3	10.2	15.2

Manual Integrations
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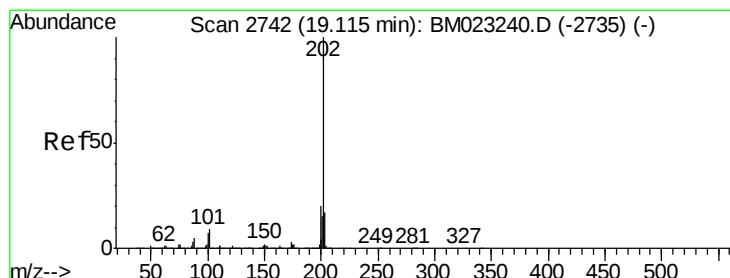
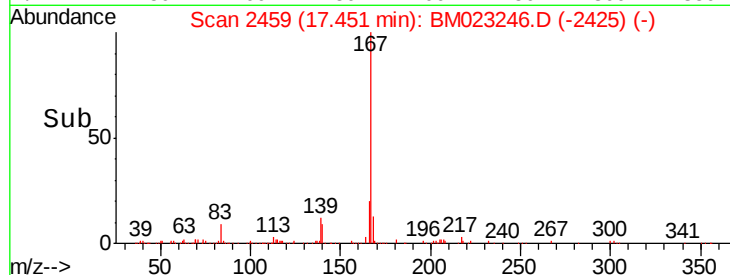
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#77

Fluoranthene

Concen: 33.507 ng/ul

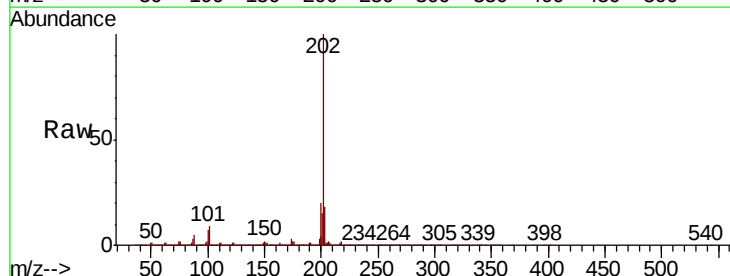
RT: 19.12 min Scan# 2742

Delta R.T. 0.00 min

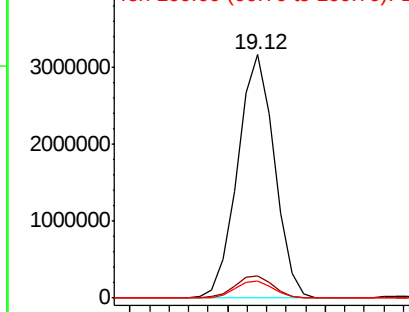
Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

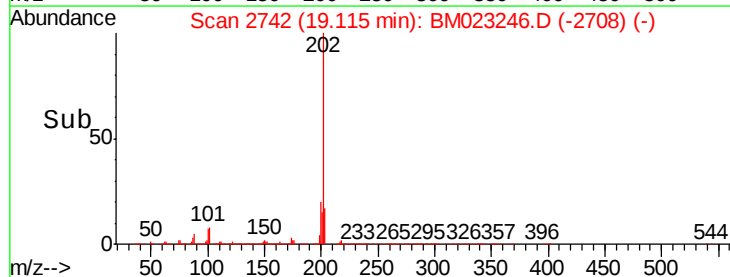
Tgt Ion:	202	Resp:	4142539
Ion Ratio	Lower	Upper	
202	100		
101	9.1	7.8	11.8
100	7.1	6.1	9.1

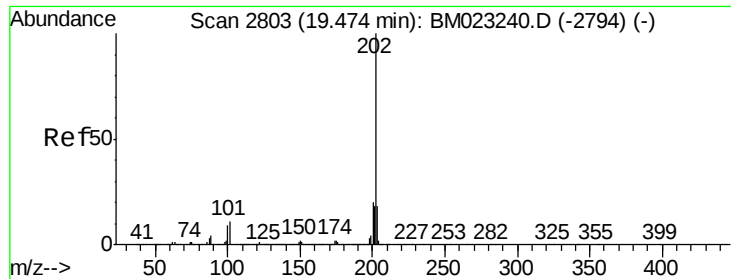


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



Time-->





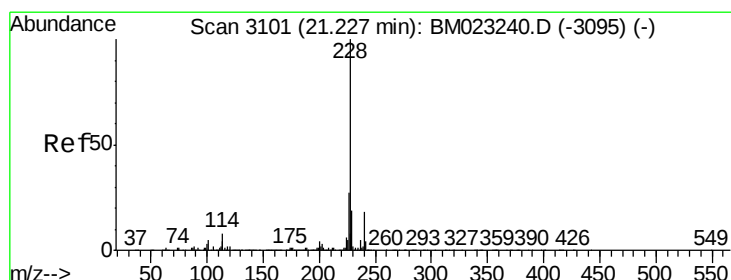
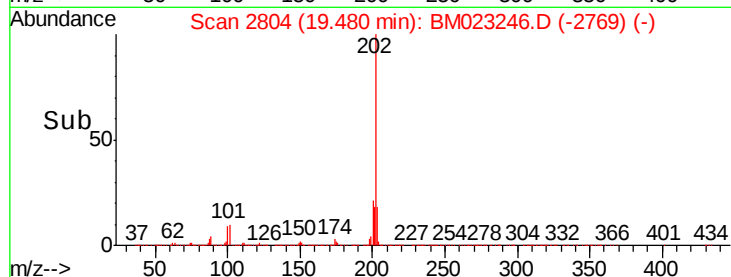
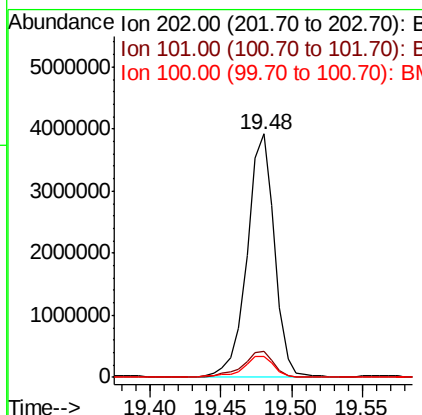
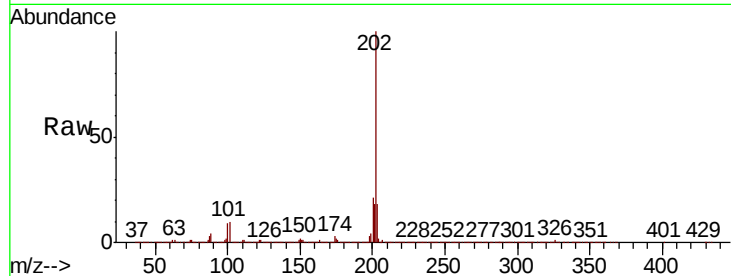
#80
Pvrene
Concen: 44.642 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023246.D
Acq: 18 Oct 2019 07:40

Instrument :
BNA_M
ClientSampled :
BEPB7

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.1	13.7
100	8.7	7.5	11.3

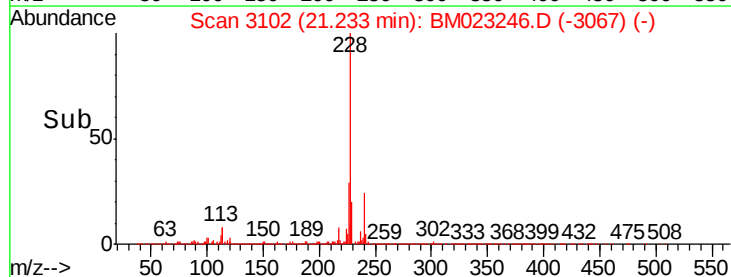
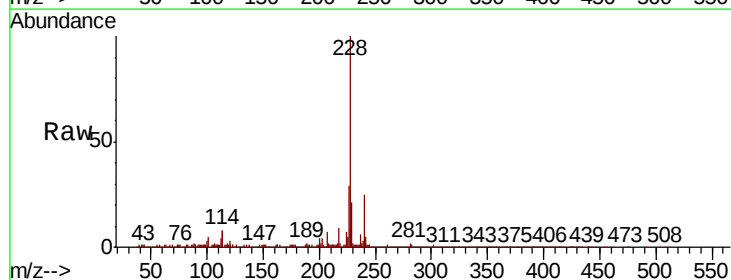
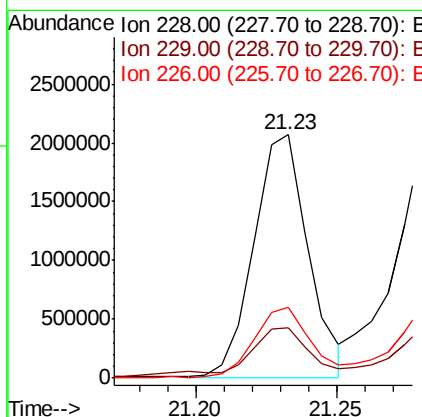
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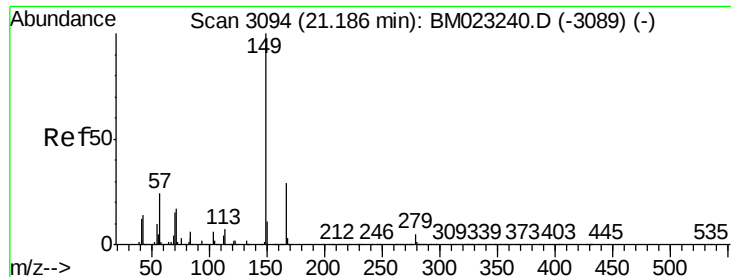
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#83
Benzo(a)anthracene
Concen: 21.405 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023246.D
Acq: 18 Oct 2019 07:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	29.1	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 54.300 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

Instrument :

BNA_M

ClientSampleId :

BEPB7

Tot Ion:149 Resp: 3580811

Ion Ratio Lower Upper

149 100

167 28.9 22.5 33.7

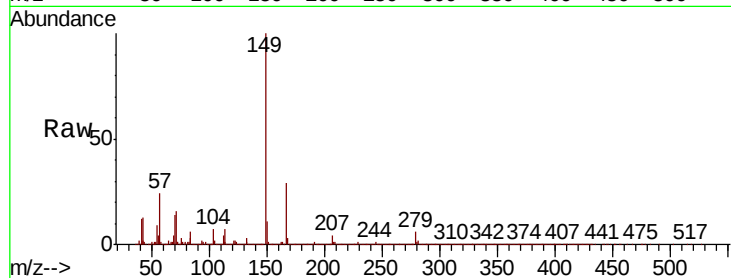
279 5.9 4.0 6.0

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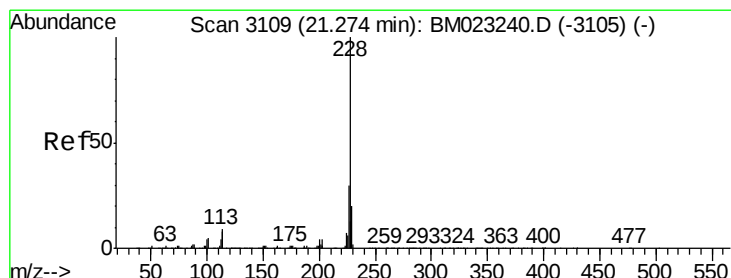
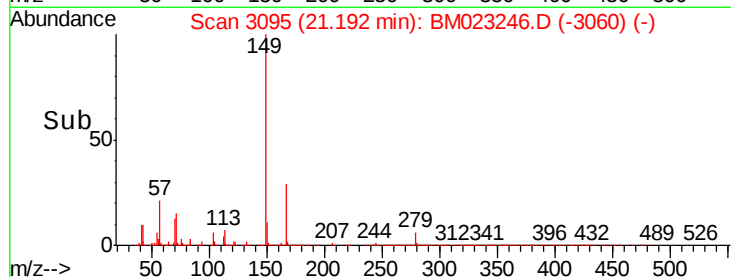
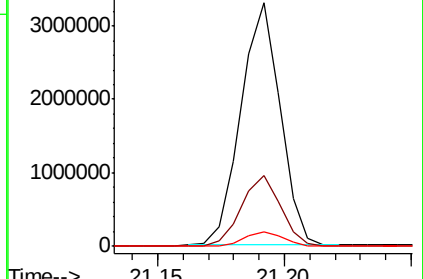
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 22.558 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

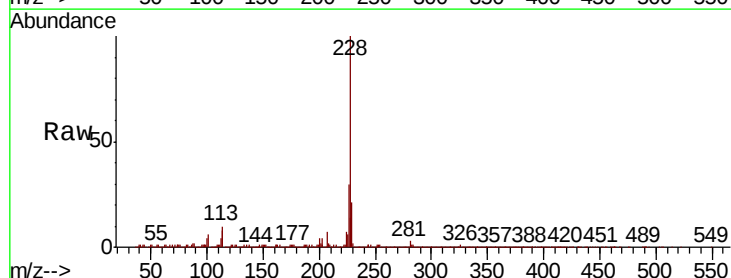
Tgt Ion:228 Resp: 2701372

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

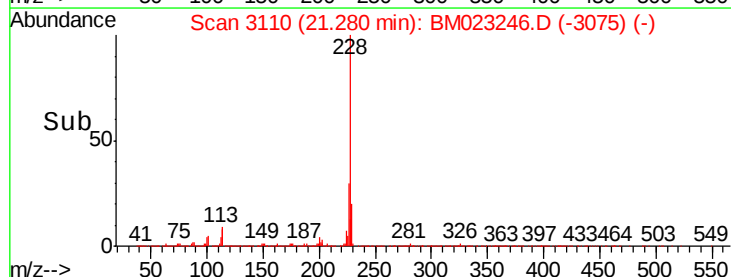
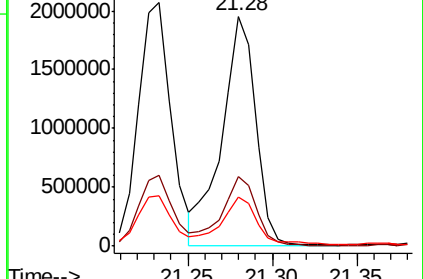
229 21.1 15.5 23.3

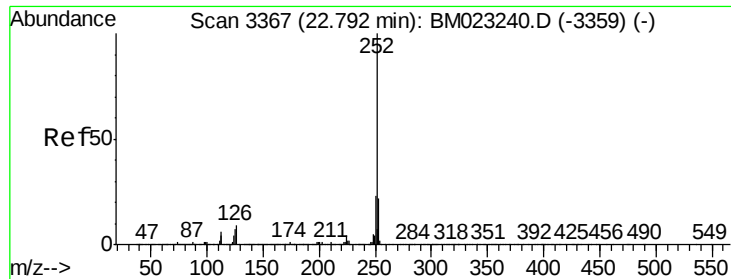


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





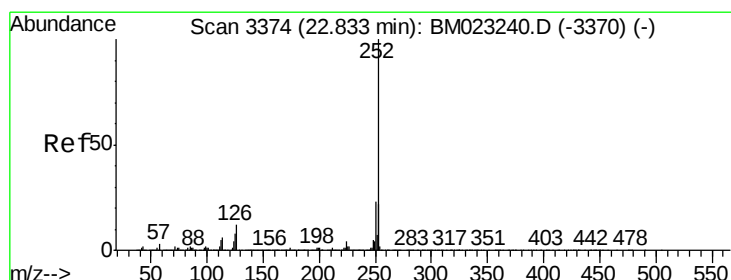
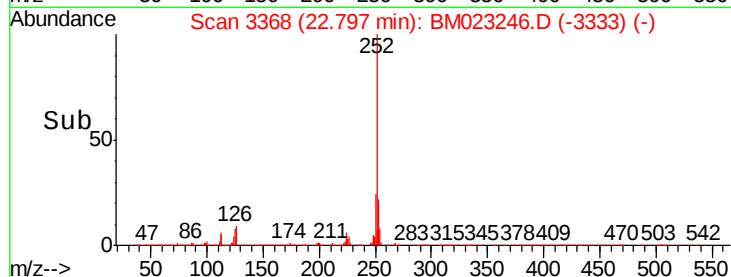
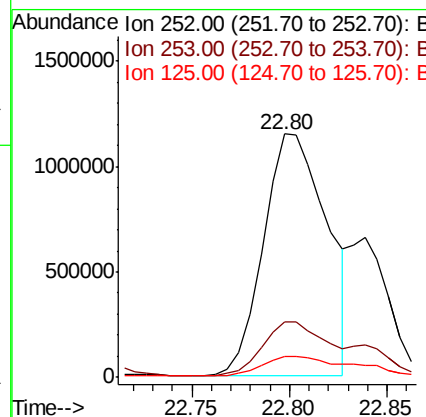
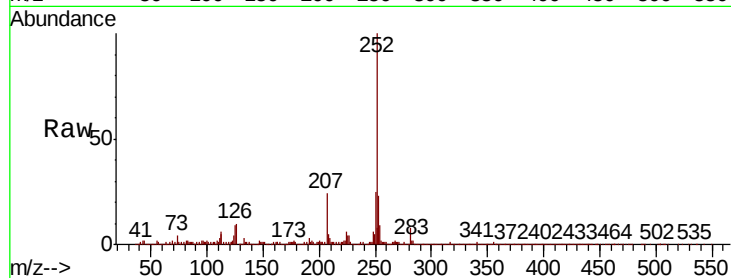
#88
Benzo(b)fluoranthene
Concen: 18.496 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM023246.D
Acq: 18 Oct 2019 07:40

Instrument :
BNA_M
ClientSampleId :
BEPB7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	8.8	6.4	9.6

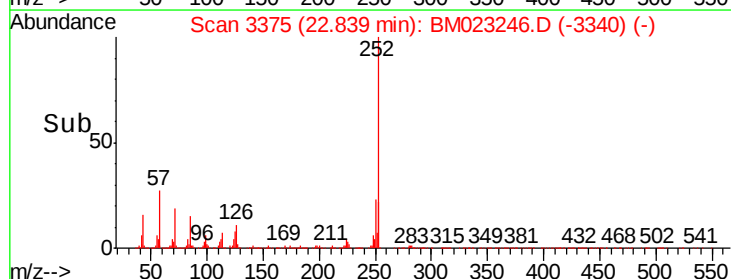
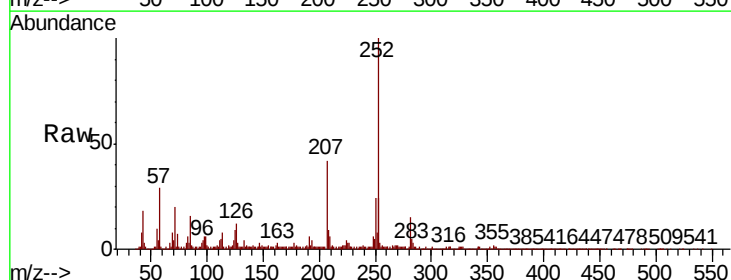
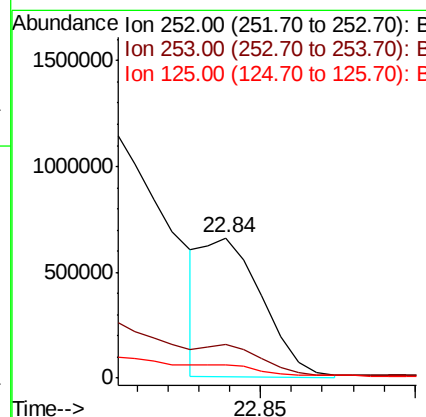
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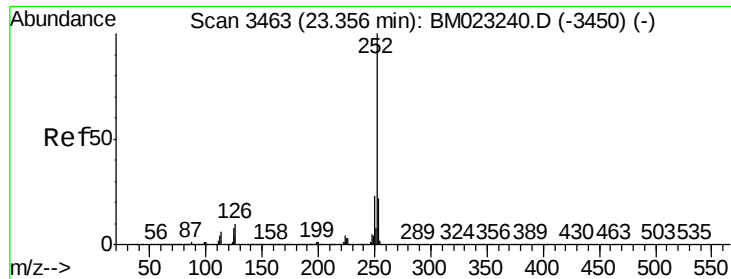
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#89
Benzo(k)fluoranthene
Concen: 6.592 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM023246.D
Acq: 18 Oct 2019 07:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	9.0	6.5	9.7





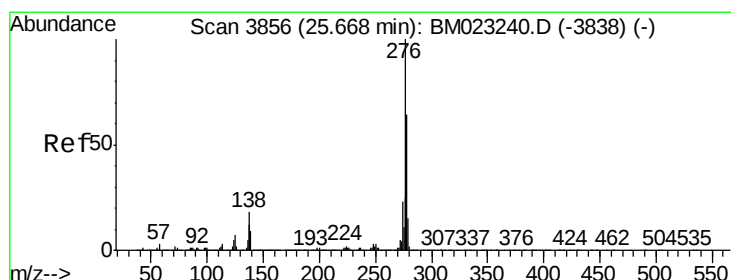
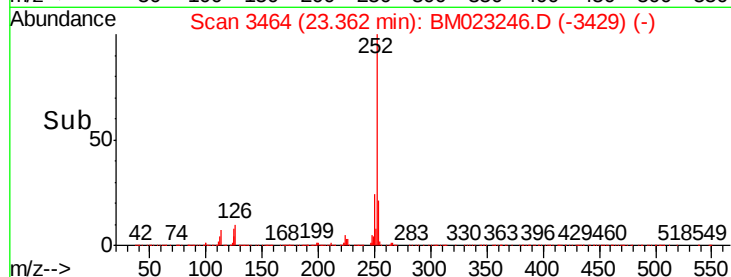
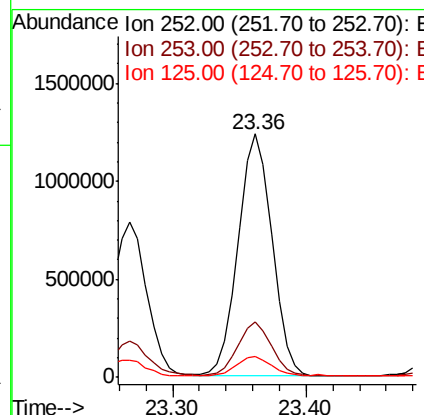
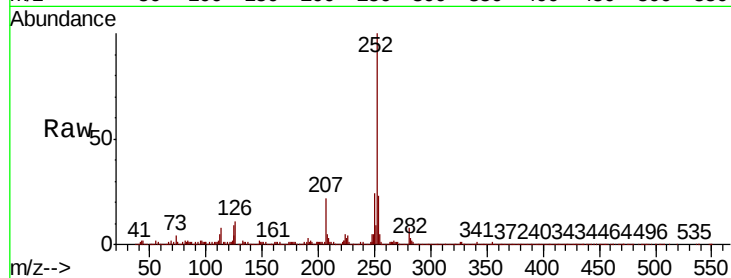
#91
Benzo(a)pyrene
Concen: 16.257 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM023246.D
Acq: 18 Oct 2019 07:40

Instrument :
BNA_M
ClientSampleId :
BEPB7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	8.8	7.4	11.0

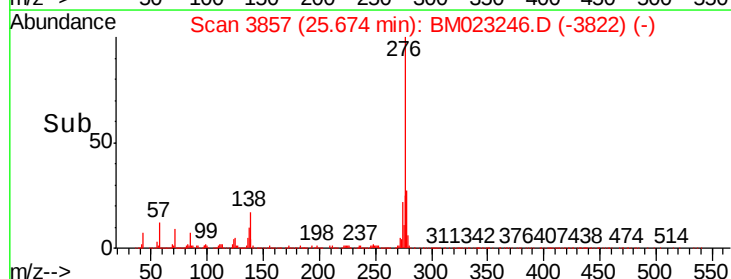
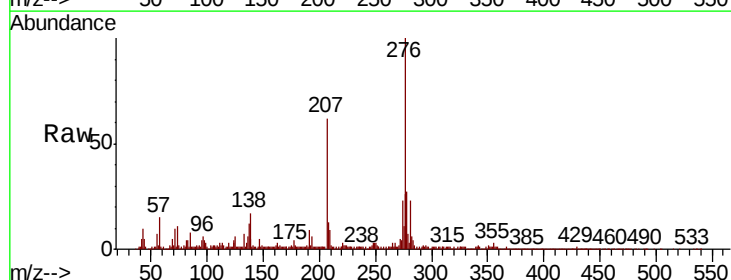
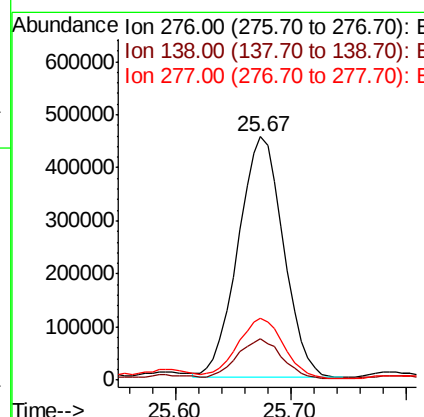
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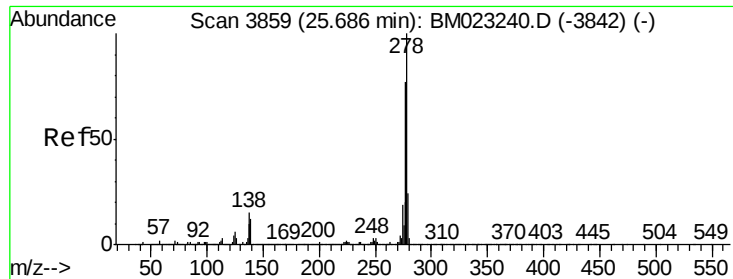
mohammad
10/20/2019 8:07:01 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 7.741 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM023246.D
Acq: 18 Oct 2019 07:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.9	22.3
277	25.6	19.8	29.8





#93

Dibenzo(a,h)anthracene

Concen: 2.937 ng/ul

RT: 25.68 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

Instrument :

BNA_M

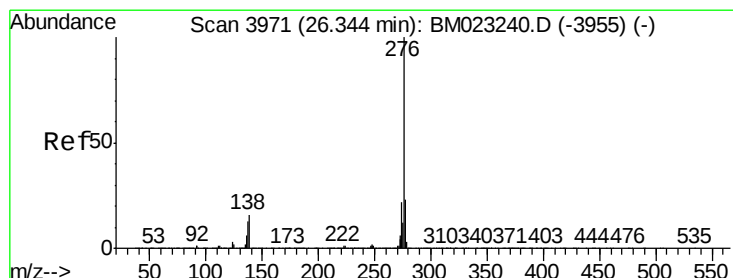
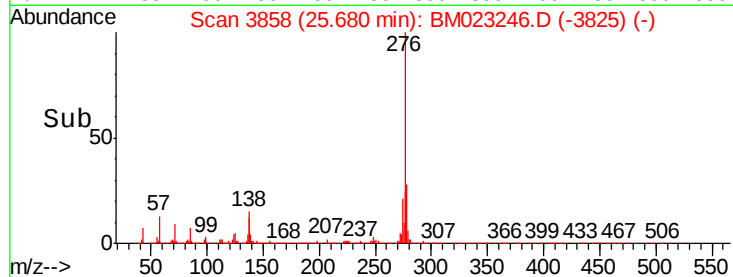
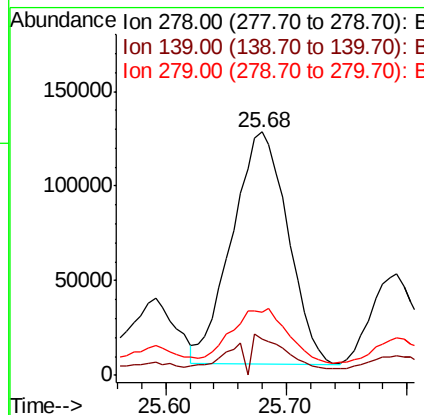
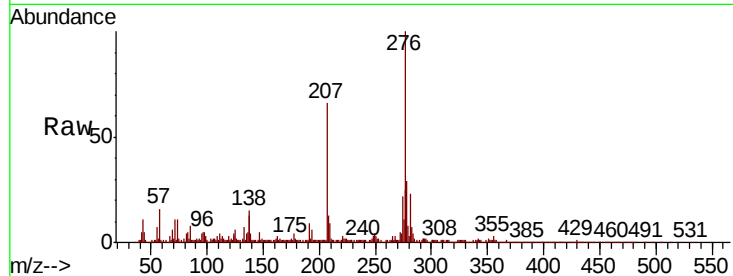
ClientSampleId :

BEPB7

Tot Ion:	278	Resp:	392189
Ion Ratio	Lower	Upper	
278	100		
139	15.0	10.0	15.0
279	26.2	19.4	29.0

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 9.295 ng/ul

RT: 26.35 min Scan# 3972

Delta R.T. 0.01 min

Lab File: BM023246.D

Acq: 18 Oct 2019 07:40

Tgt Ion:	276	Resp:	1222220
Ion Ratio	Lower	Upper	
276	100		
138	16.4	14.4	21.6
277	24.9	19.4	29.2

