

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023245.D
 Acq On : 18 Oct 2019 07:04
 Operator : JU
 Sample : K5235-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPB6

Manual Integrations
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mohammad
 10/20/2019 8:06:58 PM

Quant Time: Oct 18 08:47:11 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	413290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1568558	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	948169	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1905953	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1918626	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2421157	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	26372	2.81	ng/uL	0.00
5) Phenol-d5	6.83	99	479214	13.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	300675	14.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	422530	15.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	359103	12.42	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	205617	19.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	226095	22.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	420903	16.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	381333	12.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1332358	18.34	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1560313	18.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	127571	10.85	ng/ul	0.00
58) Fluorene-d10	15.30	176	1204142	19.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	112807	14.93	ng/ul	0.00
71) Anthracene-d10	17.15	188	2078533	22.62	ng/ul	0.00
79) Pyrene-d10	19.45	212	2415272	25.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	3054201	24.89	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.86	94	78560	2.116	ng/ul	97
45) Dimethylphthalate	13.77	163	436357	6.000	ng/ul	99
48) Acenaphthylene	14.03	152	88226	1.013	ng/ul	99
70) Phenanthrene	17.09	178	884592	8.270	ng/ul	99
72) Anthracene	17.18	178	231002	2.090	ng/ul	99
77) Fluoranthene	19.12	202	2365684	18.597	ng/ul	98
80) Pyrene	19.48	202	2650586	22.053	ng/ul	98
83) Benzo(a)anthracene	21.23	228	1663297	12.794	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.19	149	1591434	23.941	ng/ul	99
85) Chrysene	21.28	228	1704524	14.121	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	2136824	14.556	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	706476m	5.012	ng/ul	
91) Benzo(a)pyrene	23.36	252	1722454	12.230	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	1112316	6.639	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	326526	2.331	ng/ul#	91
94) Benzo(g,h,i)perylene	26.35	276	1108295	8.034	ng/ul	97

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

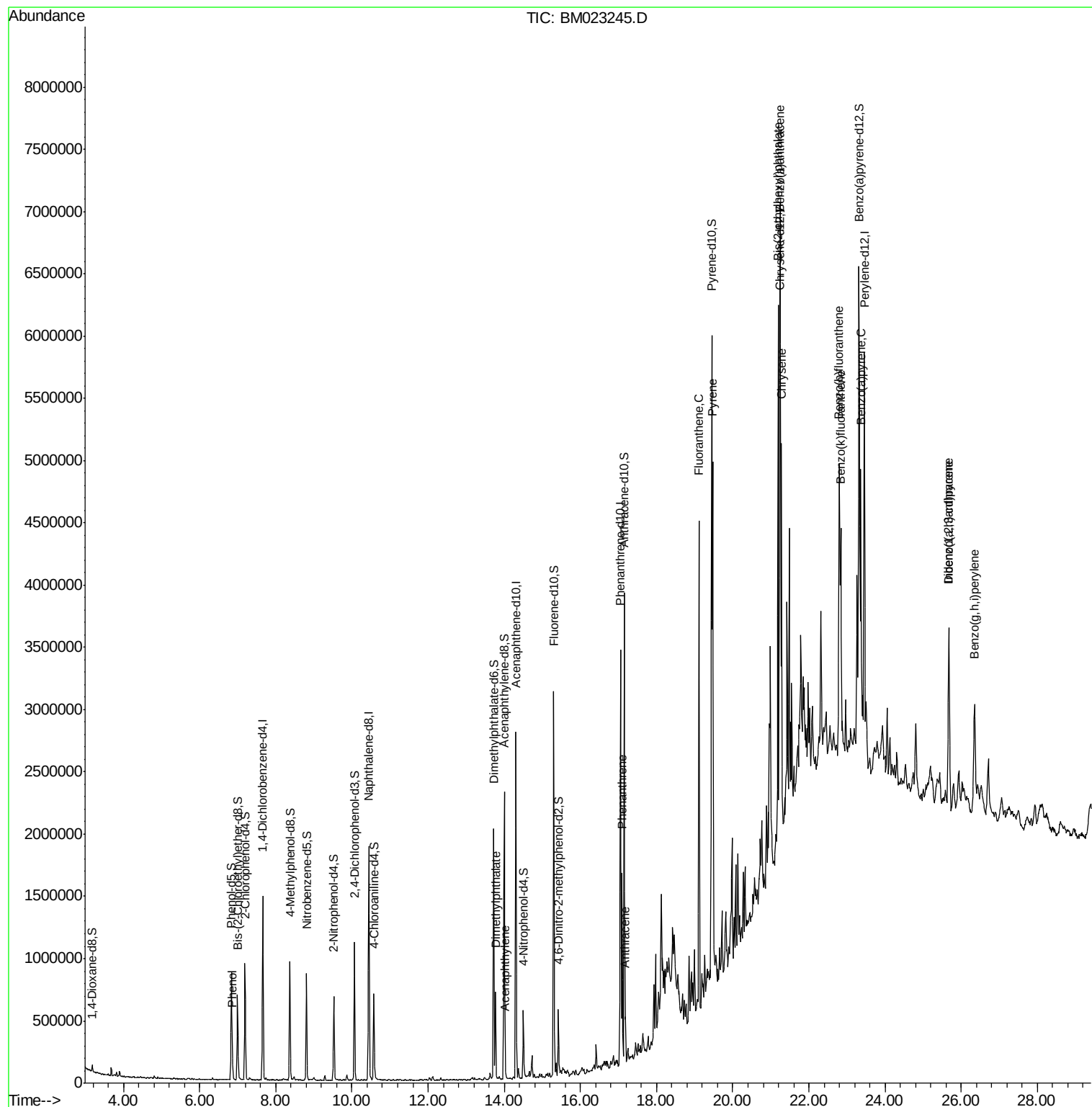
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023245.D
Acq On : 18 Oct 2019 07:04
Operator : JU
Sample : K5235-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

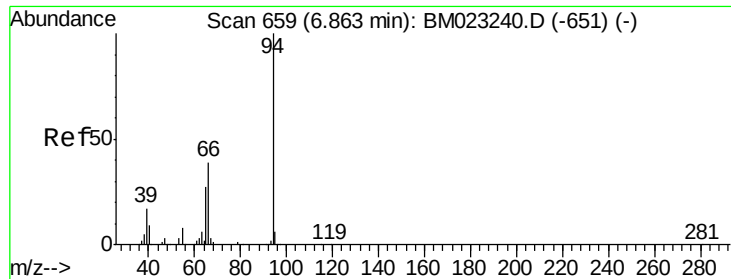
Instrument :
BNA_M
ClientSampled :
BEPB6

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Quant Time: Oct 18 08:47:11 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





#6

Phenol

Concen: 2.116 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023245.D

Acq: 18 Oct 2019 07:04

Instrument :

BNA_M

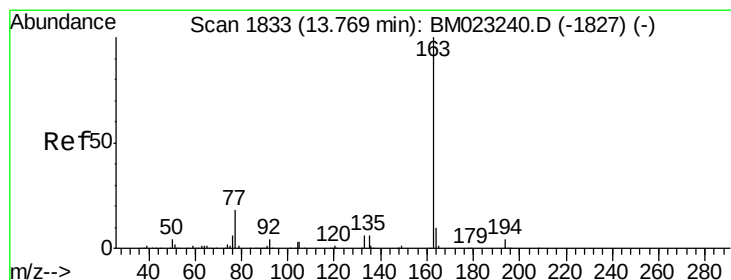
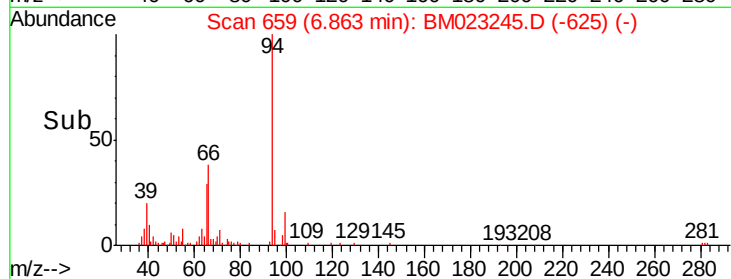
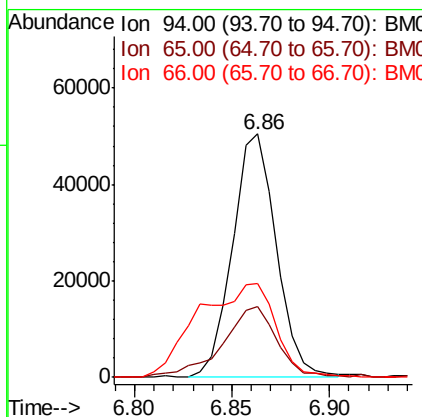
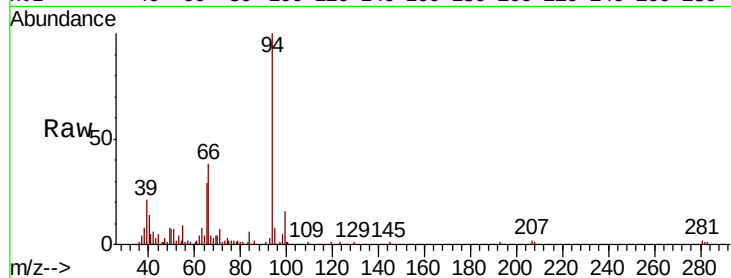
ClientSampleId :

BEPB6

Tot Ion:	94	Resp:	78560
Ion Ratio	Lower	Upper	
94	100		
65	29.0	23.7	35.5
66	38.3	32.9	49.3

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#45

Dimethylphthalate

Concen: 6.000 ng/ul

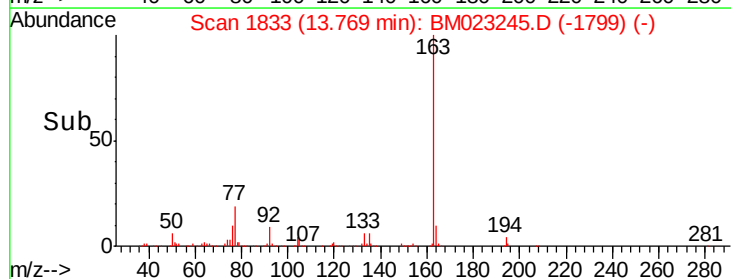
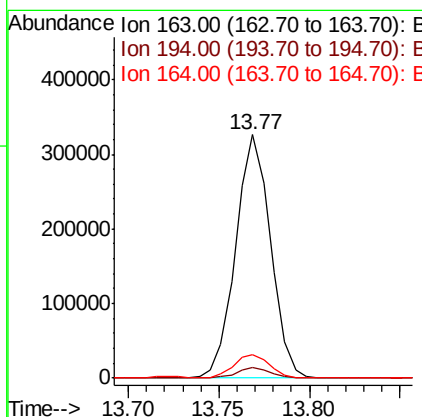
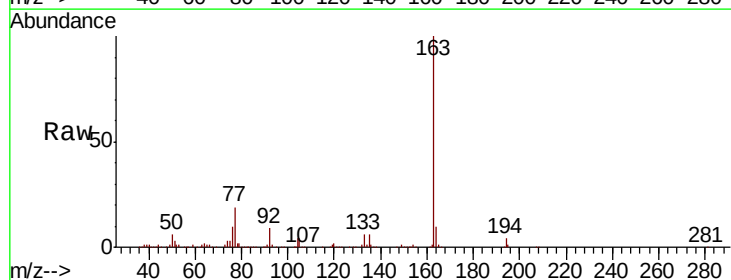
RT: 13.77 min Scan# 1833

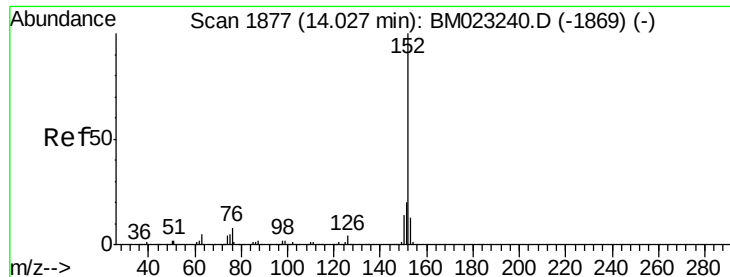
Delta R.T. 0.00 min

Lab File: BM023245.D

Acq: 18 Oct 2019 07:04

Tgt Ion:	163	Resp:	436357
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	9.7	8.0	12.0





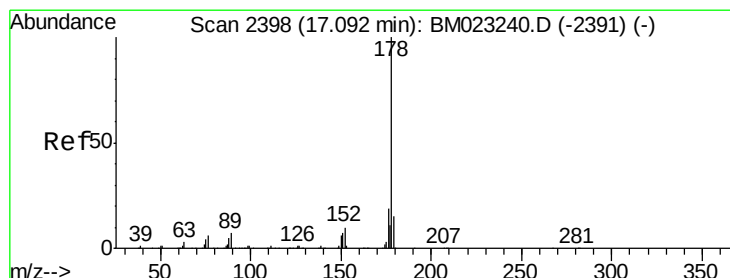
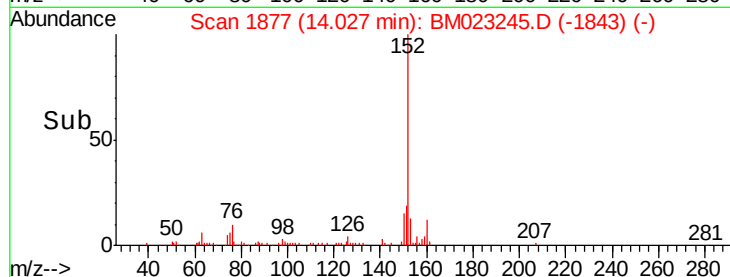
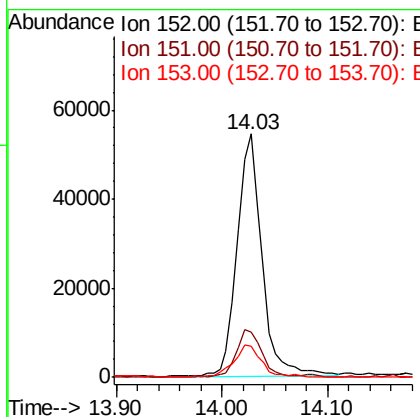
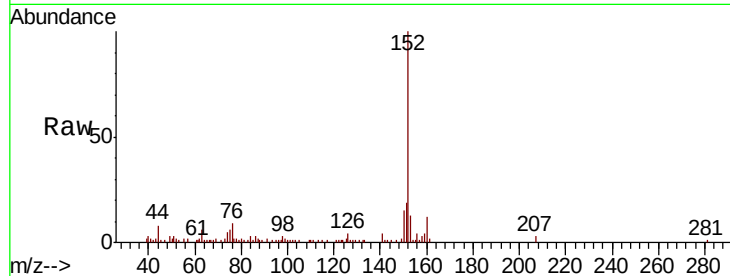
#48
Acenaphthylene
Concen: 1.013 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Instrument :
BNA_M
ClientSampleId :
BEPB6

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.8	23.6
153	12.8	10.3	15.5

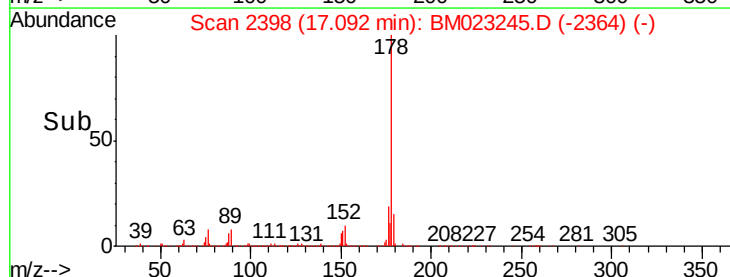
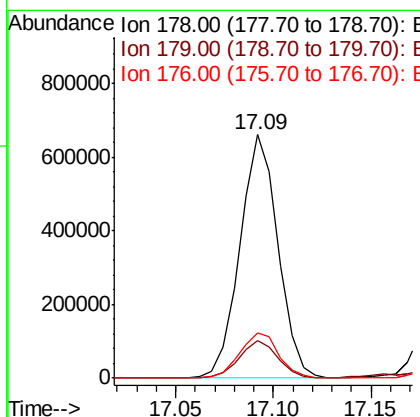
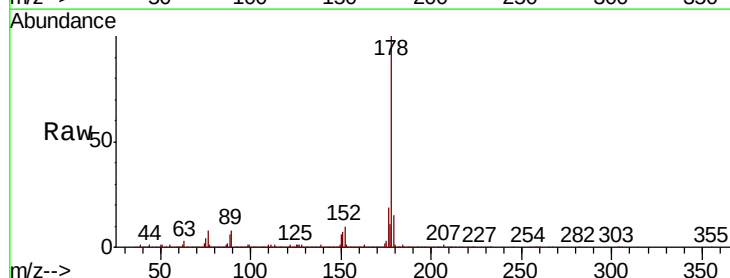
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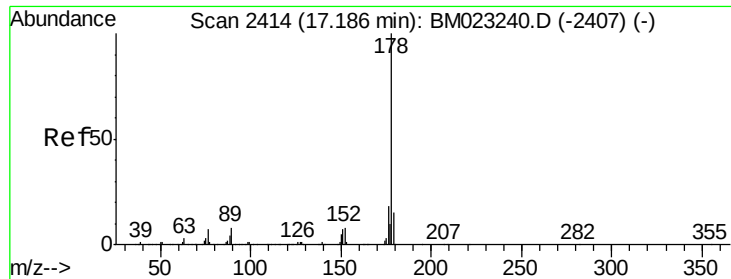
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#70
Phenanthrene
Concen: 8.270 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.8	15.5	23.3





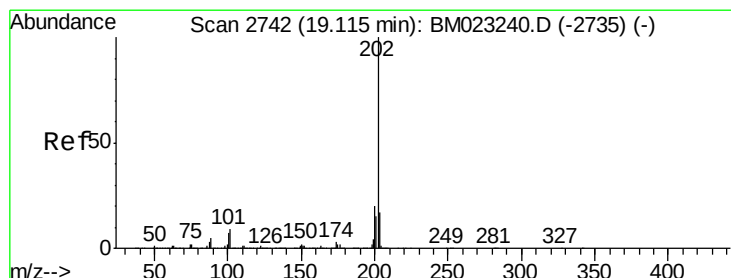
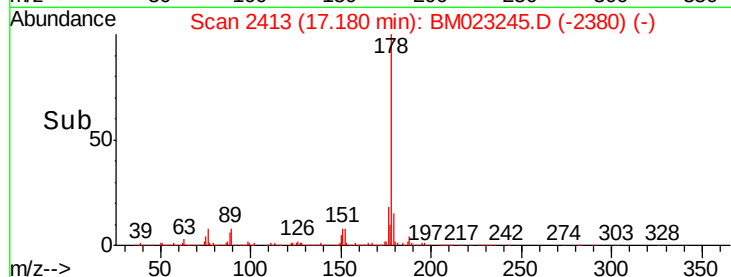
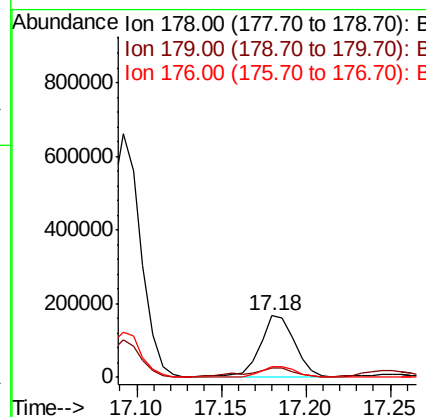
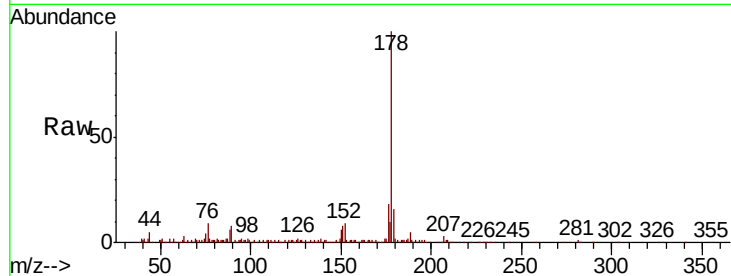
#72
 Anthracene
 Concen: 2.090 ng/ul
 RT: 17.18 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BM023245.D
 Acq: 18 Oct 2019 07:04

Instrument :
 BNA_M
 ClientSampleId :
 BEPB6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	17.9	15.0	22.4

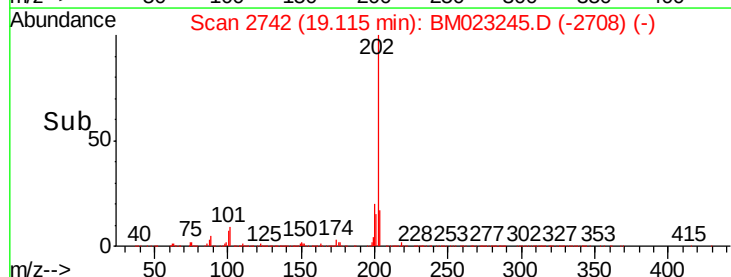
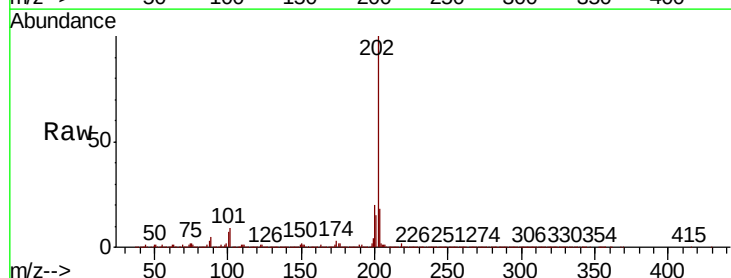
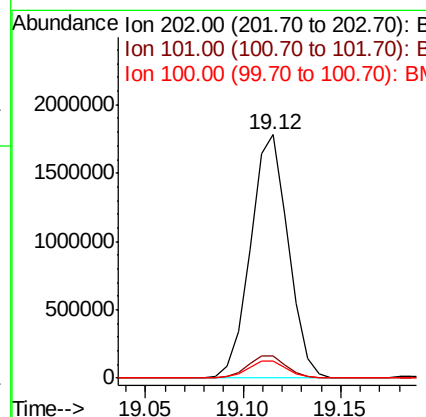
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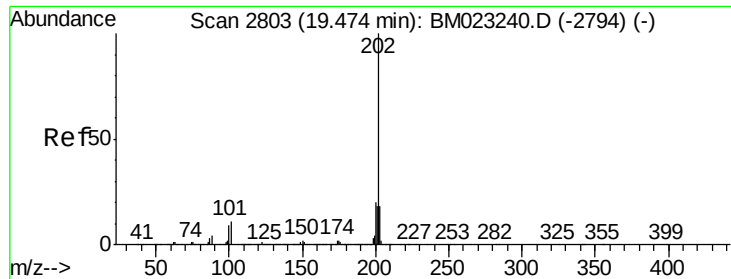
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#77
 Fluoranthene
 Concen: 18.597 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.00 min
 Lab File: BM023245.D
 Acq: 18 Oct 2019 07:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.8	11.8
100	6.9	6.1	9.1





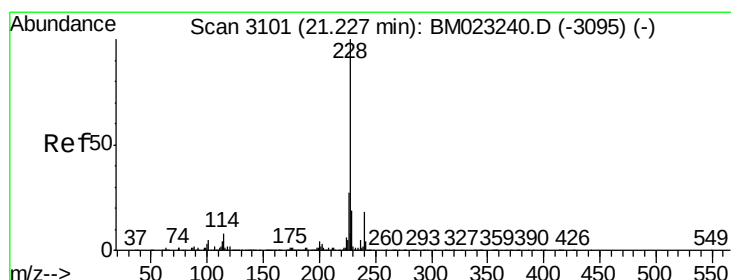
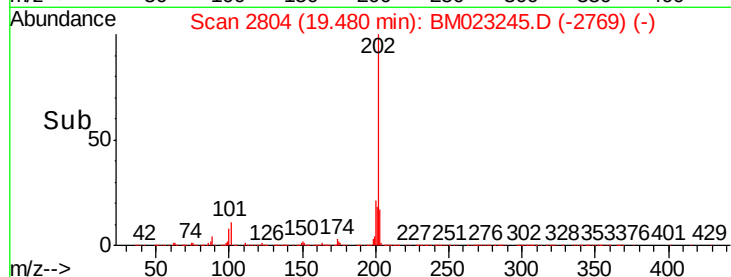
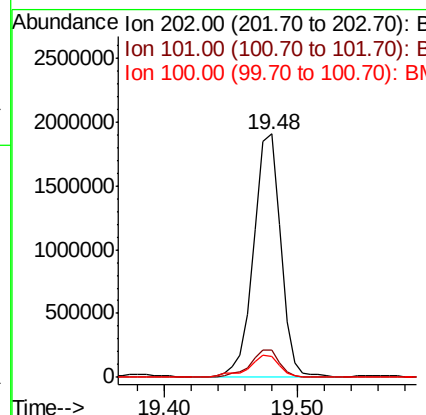
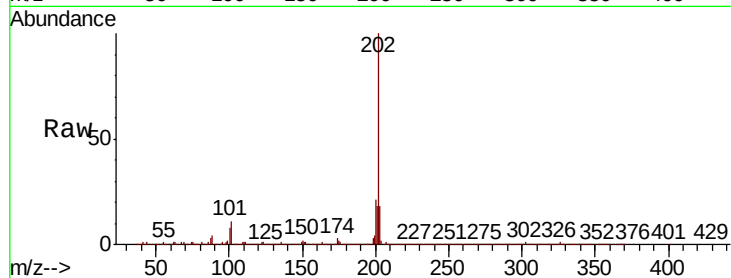
#80
Pvrene
Concen: 22.053 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Instrument :
BNA_M
ClientSampled :
BEPB6

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	8.3	7.5	11.3

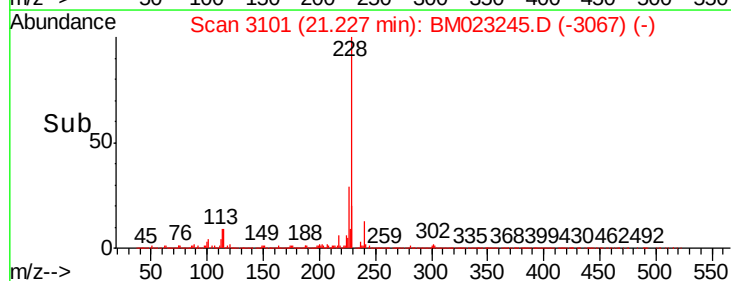
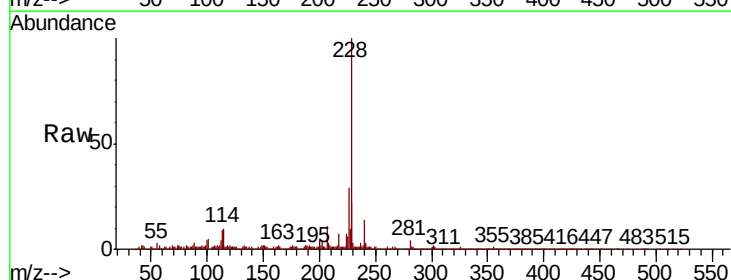
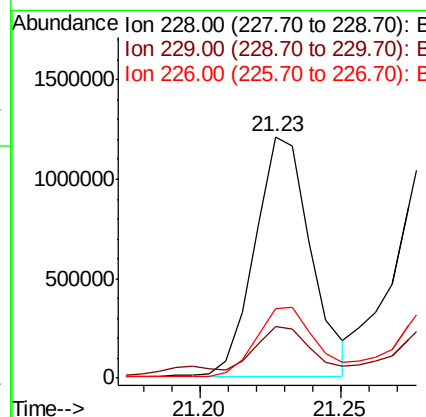
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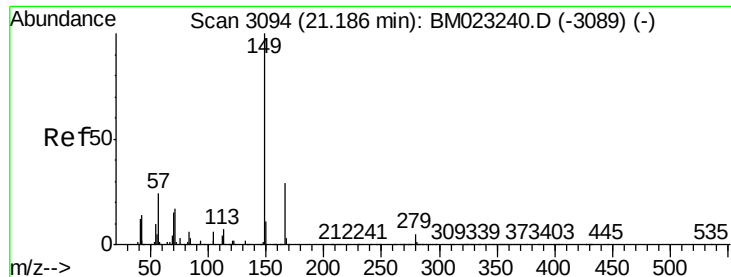
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#83
Benzo(a)anthracene
Concen: 12.794 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	29.0	21.6	32.4





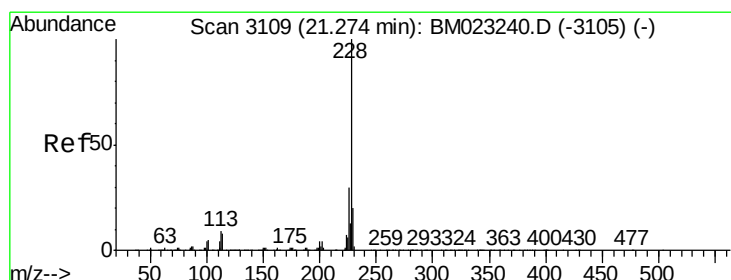
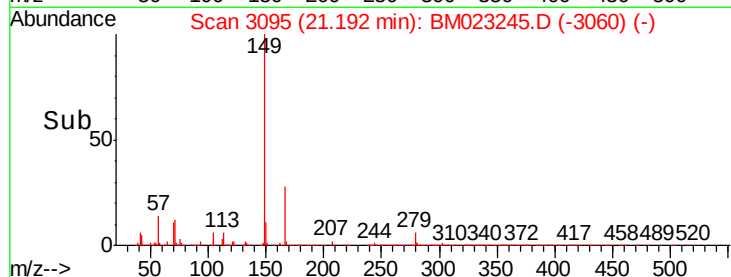
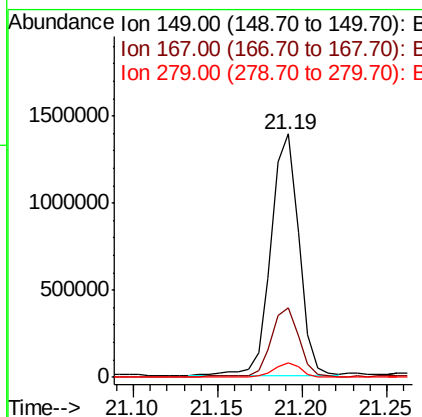
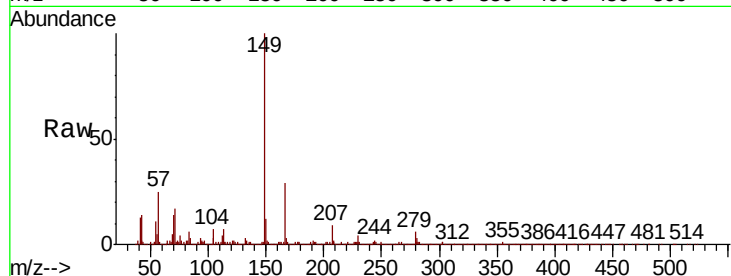
#84
Bis(2-ethylhexyl)phthalate
Concen: 23.941 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Instrument :
BNA_M
ClientSampled :
BEPB6

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.5	33.7
279	5.9	4.0	6.0

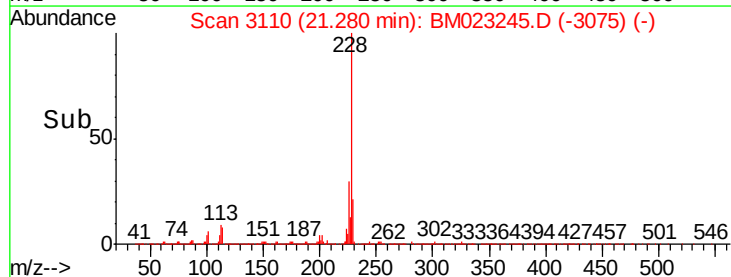
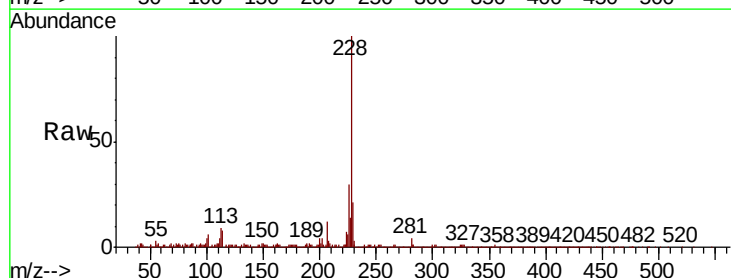
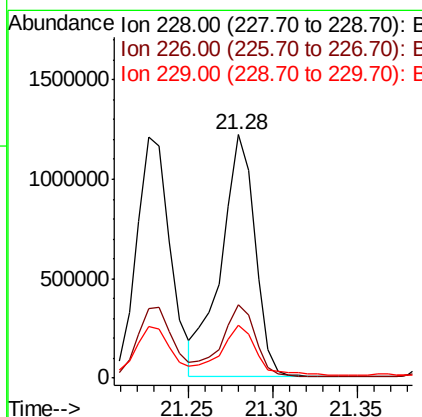
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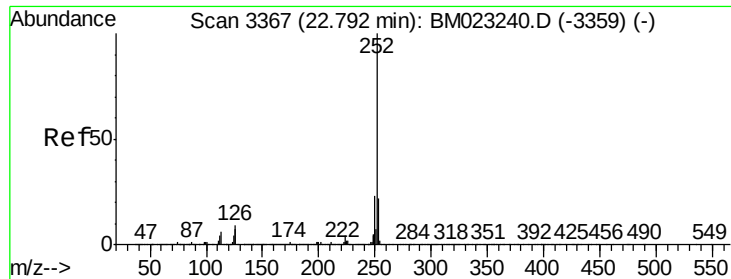
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#85
Chrysene
Concen: 14.121 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.01 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	21.5	15.5	23.3





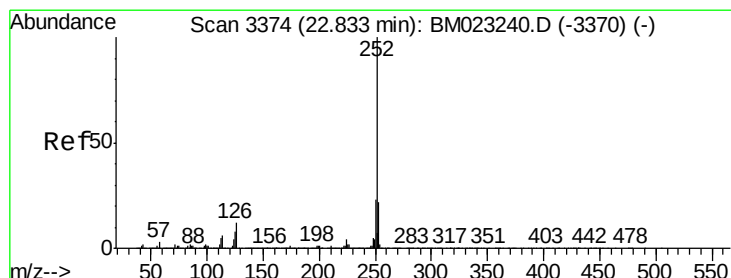
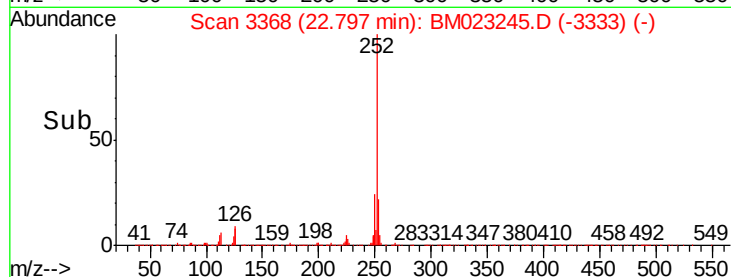
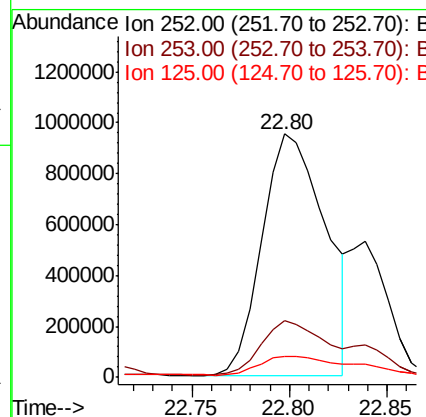
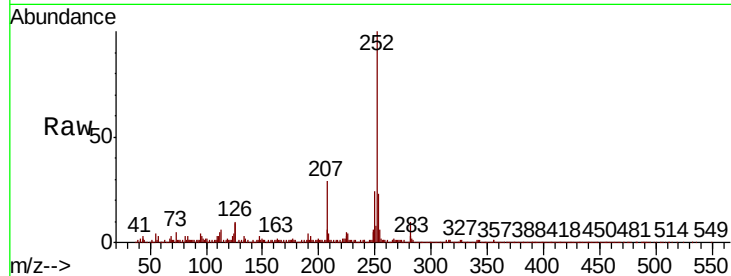
#88
Benzo(b)fluoranthene
Concen: 14.556 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Instrument :
BNA_M
ClientSampleId :
BEPB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	8.8	6.4	9.6

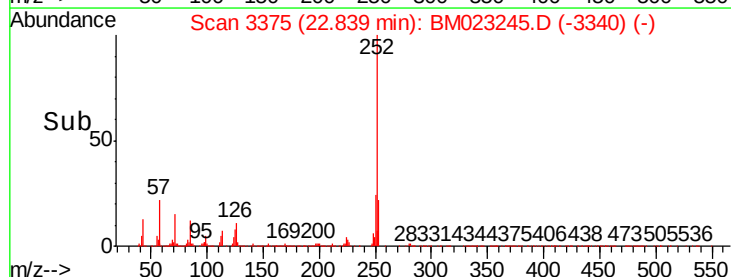
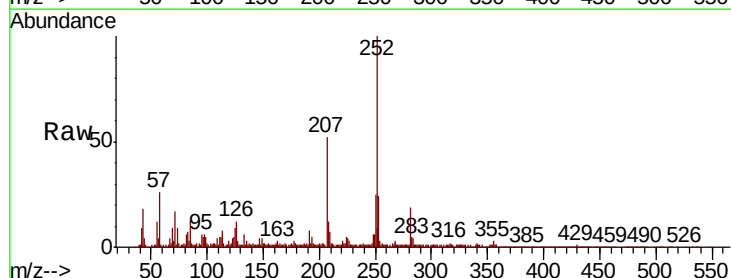
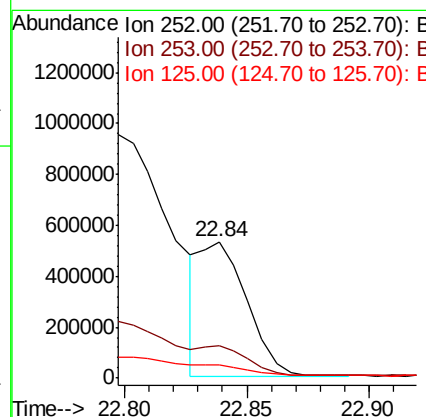
Manual Integrations
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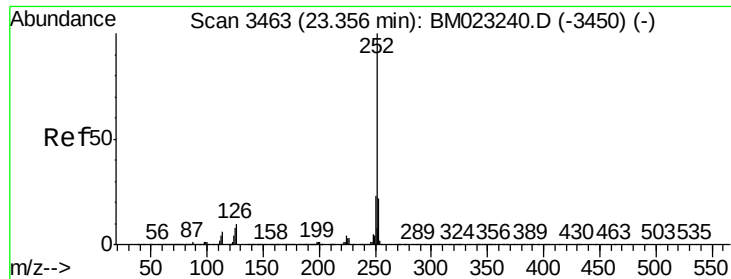
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#89
Benzo(k)fluoranthene
Concen: 5.012 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	9.3	6.5	9.7





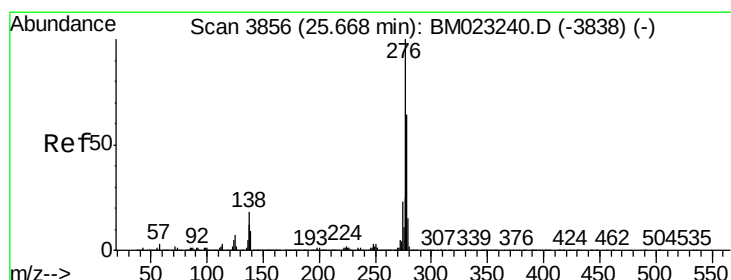
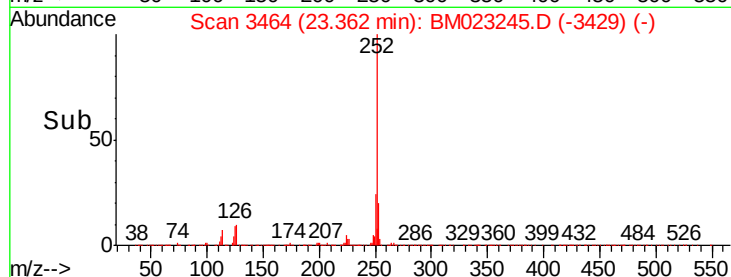
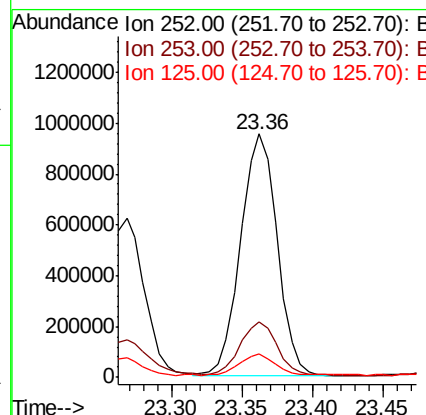
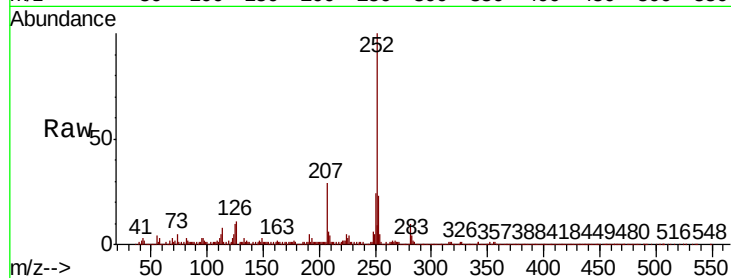
#91
Benzo(a)pyrene
Concen: 12.230 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Instrument :
BNA_M
ClientSampleId :
BEPB6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.8	7.4	11.0

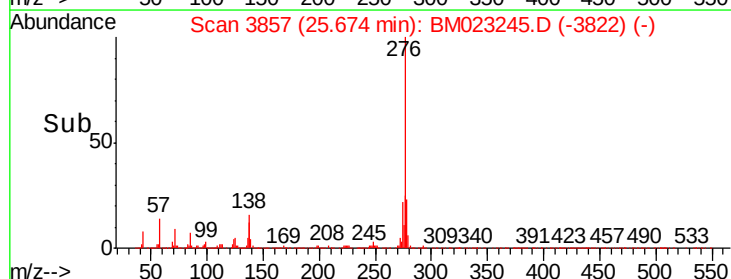
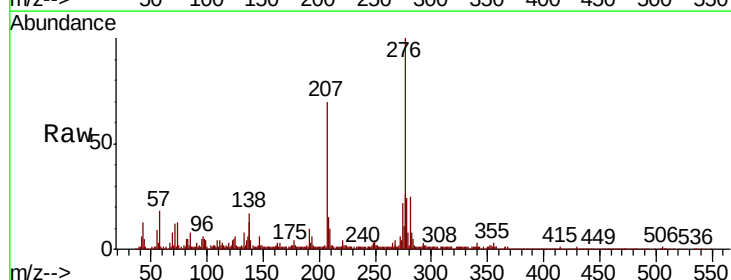
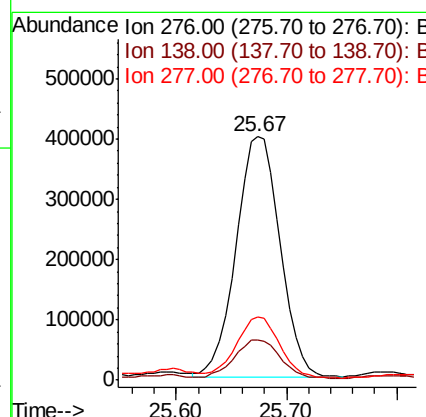
Manual Integrations
APPROVED

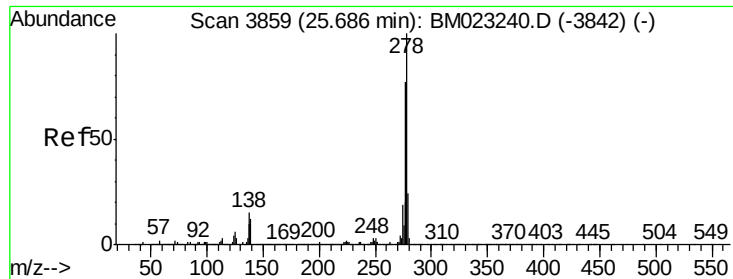
mohammad
10/20/2019 8:06:58 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 6.639 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.9	22.3
277	25.7	19.8	29.8





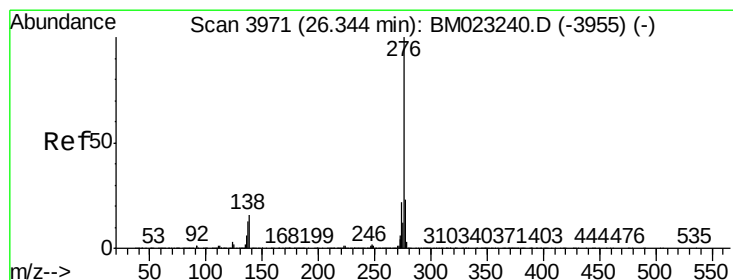
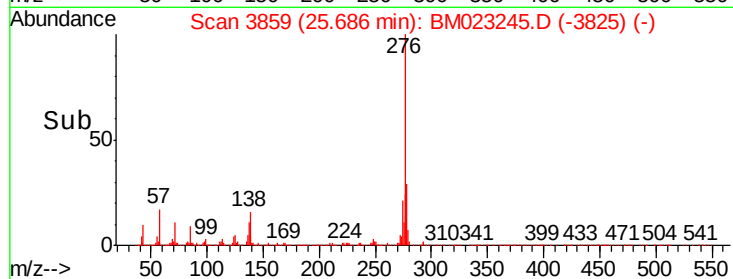
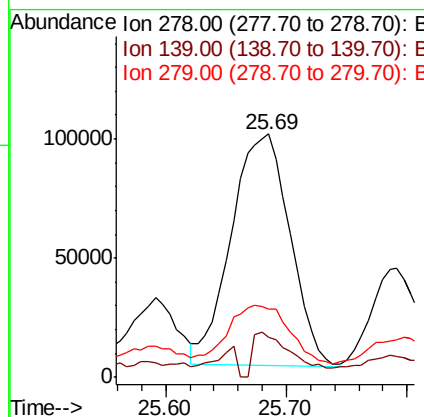
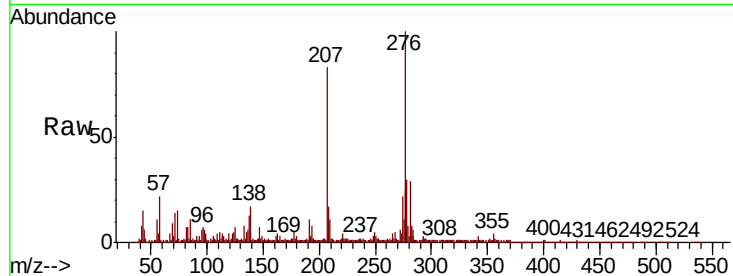
#93
Dibenzo(a,h)anthracene
Concen: 2.331 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. 0.00 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Instrument :
BNA_M
ClientSampleId :
BEPB6

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	10.0	15.0#
279	28.3	19.4	29.0

Manual Integrations
APPROVED

mohammad
10/20/2019 8:06:58 PM



#94
Benzo(g,h,i)perylene
Concen: 8.034 ng/ul
RT: 26.35 min Scan# 3972
Delta R.T. 0.01 min
Lab File: BM023245.D
Acq: 18 Oct 2019 07:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	14.4	21.6
277	24.7	19.4	29.2

