

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023227.D
 Acq On : 17 Oct 2019 19:42
 Operator : JU
 Sample : K5236-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPM1

Manual Integrations
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 10/20/2019 8:06:15 PM

Quant Time: Oct 18 07:15:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 06:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	277760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1091935	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	666515	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1328180	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1361561	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	1700672	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	30250	4.79	ng/uL	0.00
5) Phenol-d5	6.84	99	550712	22.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	320229	23.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	460074	24.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	421483	21.69	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	213769	28.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	239948	34.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	475785	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	486006	22.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1419118	27.78	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1662841	27.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	184179	22.27	ng/ul	0.00
58) Fluorene-d10	15.30	176	1227818	28.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	143212m	27.20	ng/ul	0.00
71) Anthracene-d10	17.16	188	1968079	30.73	ng/ul	0.00
79) Pyrene-d10	19.45	212	2292121	34.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2859653	33.17	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.86	94	95325	3.821	ng/ul 96
45) Dimethylphthalate	13.77	163	529015	10.348	ng/ul 100
48) Acenaphthylene	14.03	152	138732	2.265	ng/ul 96
50) Acenaphthene	14.37	153	42918	1.006	ng/ul 97
59) Fluorene	15.36	166	92071	1.853	ng/ul 98
70) Phenanthrene	17.10	178	1457788	19.558	ng/ul 99
72) Anthracene	17.19	178	316551	4.110	ng/ul 99
75) Carbazole	17.46	167	144462	2.099	ng/ul 100
77) Fluoranthene	19.12	202	2831646	31.943	ng/ul 100
80) Pyrene	19.48	202	2268857	26.600	ng/ul 100
83) Benzo(a)anthracene	21.23	228	1364717	14.793	ng/ul 96
85) Chrysene	21.29	228	1344646	15.697	ng/ul 97
88) Benzo(b)fluoranthene	22.80	252	2009356	19.487	ng/ul 98
89) Benzo(k)fluoranthene	22.84	252	635971m	6.423	ng/ul
91) Benzo(a)pyrene	23.37	252	1381293	13.963	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.68	276	1014436	8.620	ng/ul 98
93) Dibenzo(a,h)anthracene	25.69	278	279306	2.838	ng/ul# 88
94) Benzo(g,h,i)perylene	26.36	276	905260	9.343	ng/ul 98

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

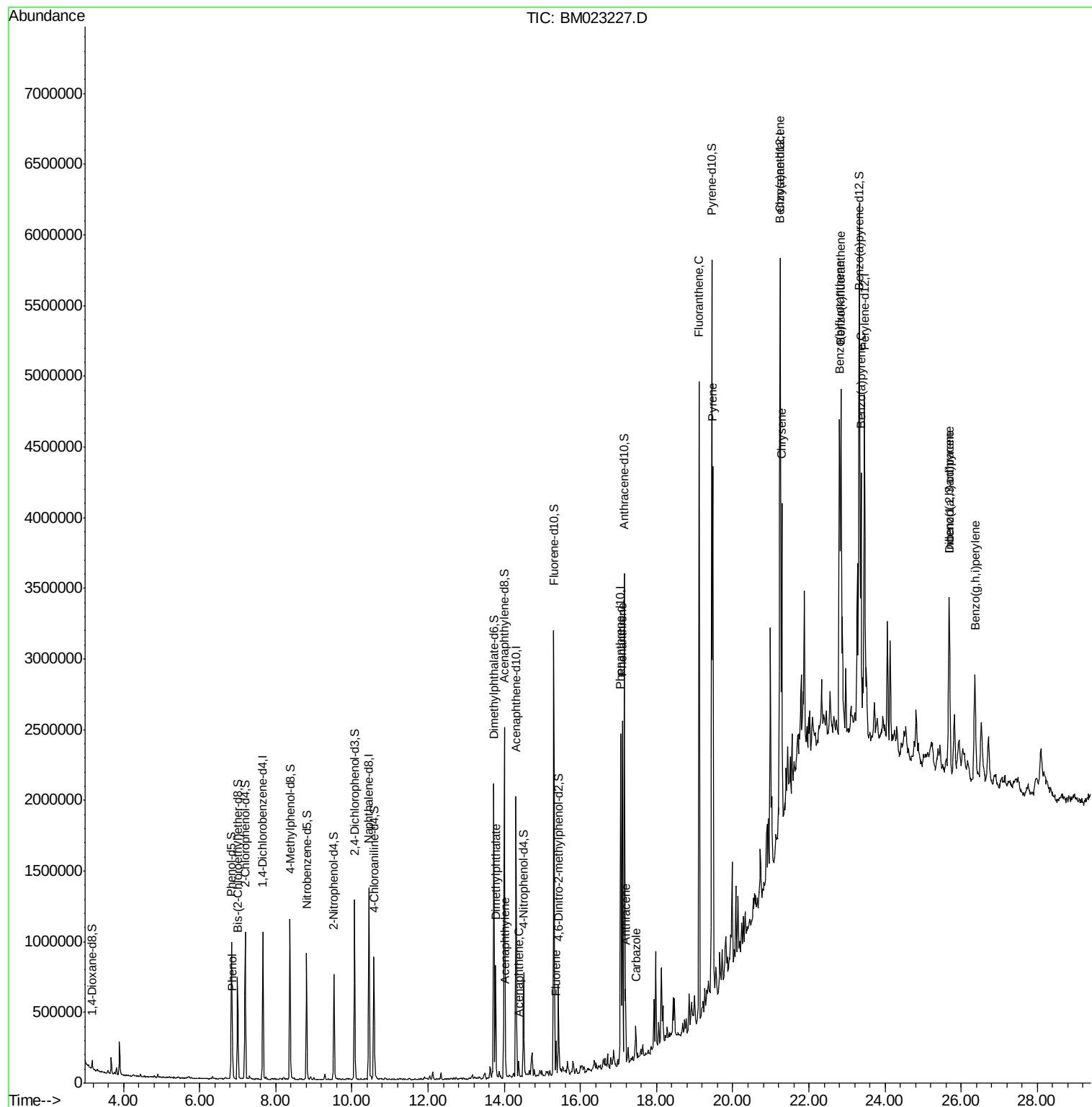
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023227.D
Acq On : 17 Oct 2019 19:42
Operator : JU
Sample : K5236-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

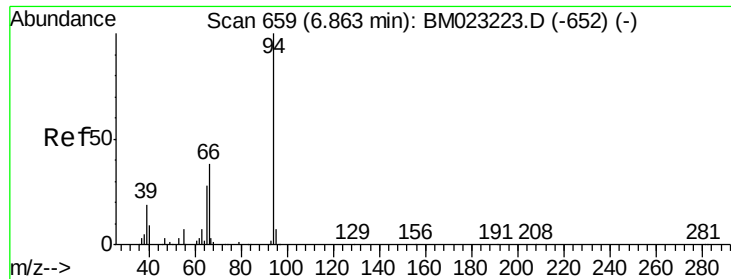
Instrument :
BNA_M
ClientSampled :
BEPM1

Quant Time: Oct 18 07:15:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 06:52:01 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 3.821 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023227.D

Acq: 17 Oct 2019 19:42

Instrument :

BNA_M

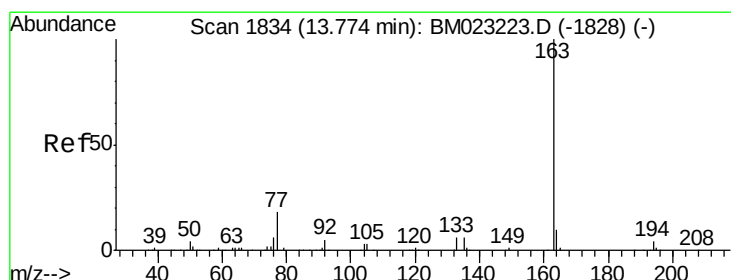
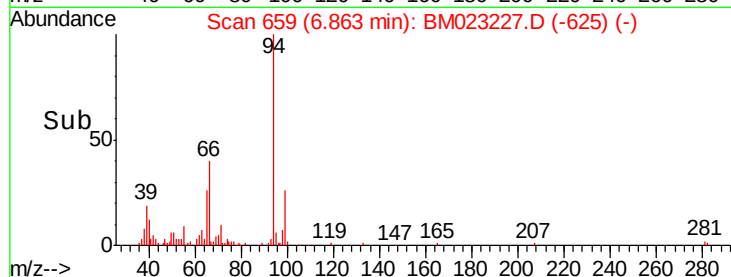
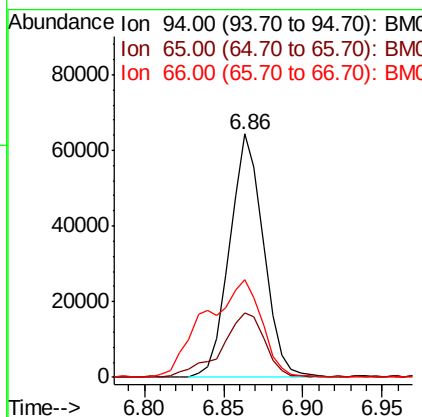
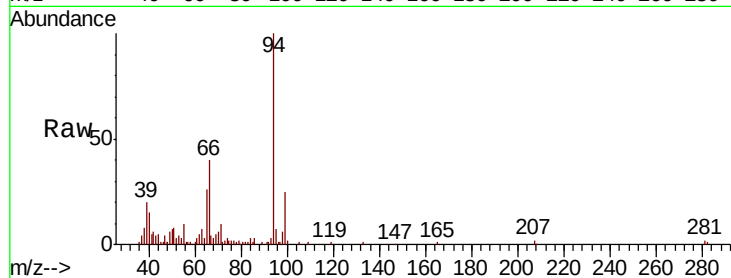
ClientSampleId :

BEPM1

Tot Ion:	94	Resp:	95325
Ion	Ratio	Lower	Upper
94	100		
65	26.3	23.7	35.5
66	40.0	32.9	49.3

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#45

Dimethylphthalate

Concen: 10.348 ng/ul

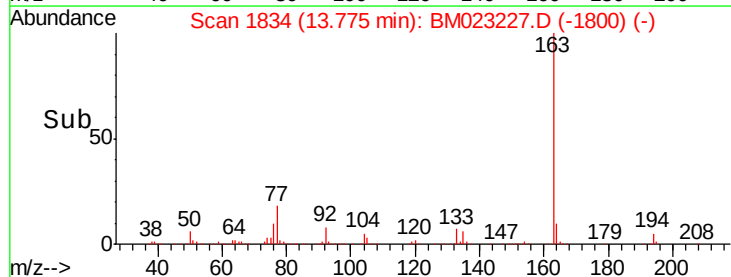
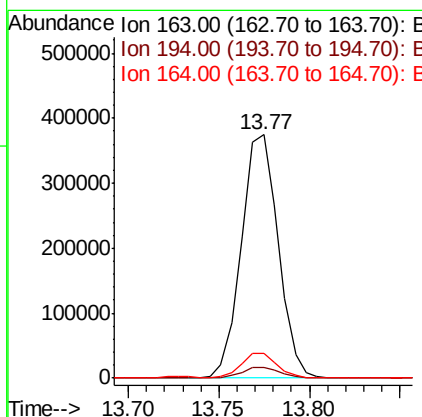
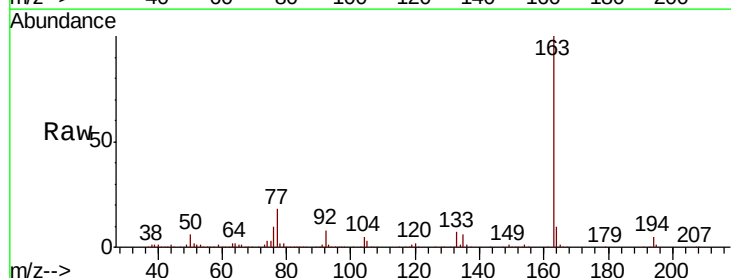
RT: 13.77 min Scan# 1834

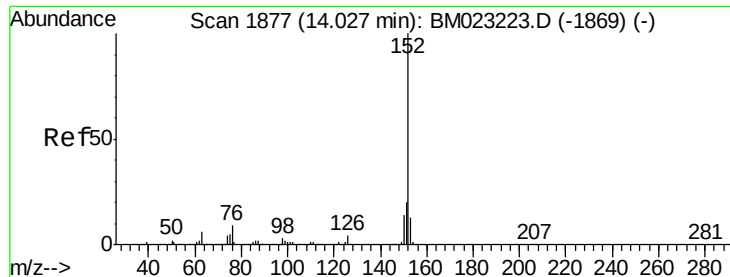
Delta R.T. 0.00 min

Lab File: BM023227.D

Acq: 17 Oct 2019 19:42

Tgt Ion:	163	Resp:	529015
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.9	8.0	12.0





#48

Acenaphthylene

Concen: 2.265 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM023227.D

Acq: 17 Oct 2019 19:42

Instrument :

BNA_M

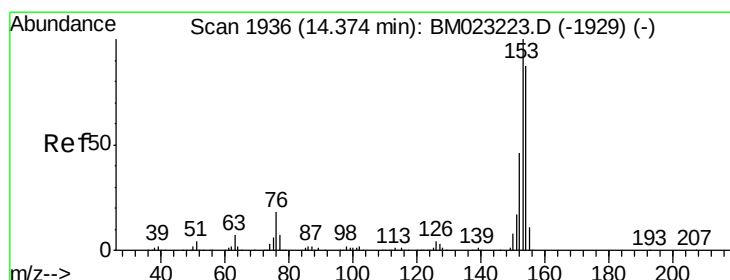
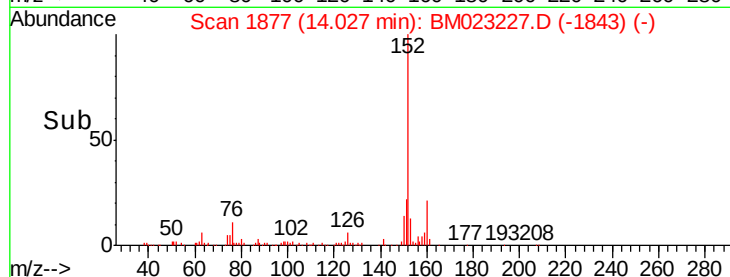
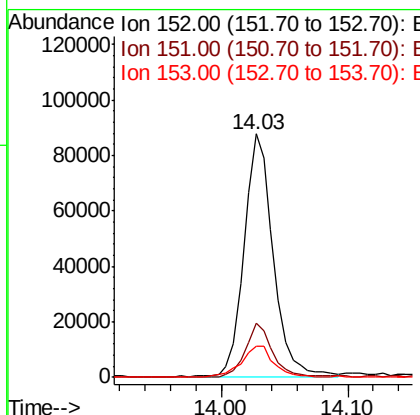
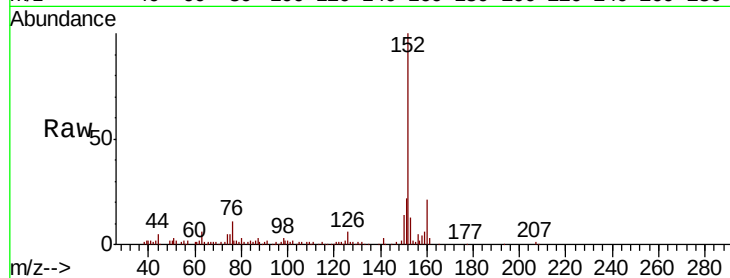
ClientSampleId :

BEPM1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		138732		
151	22.3	15.8	23.6		
153	13.1	10.3	15.5		

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#50

Acenaphthene

Concen: 1.006 ng/ul

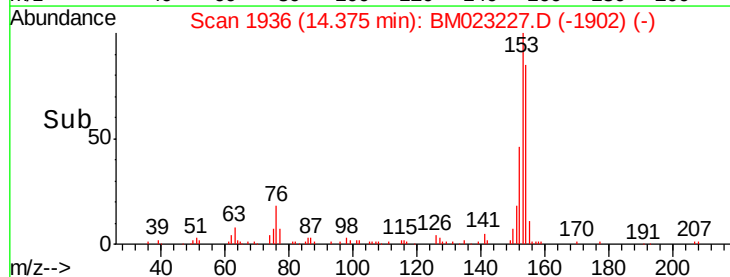
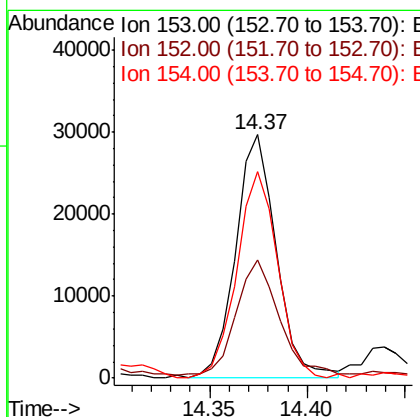
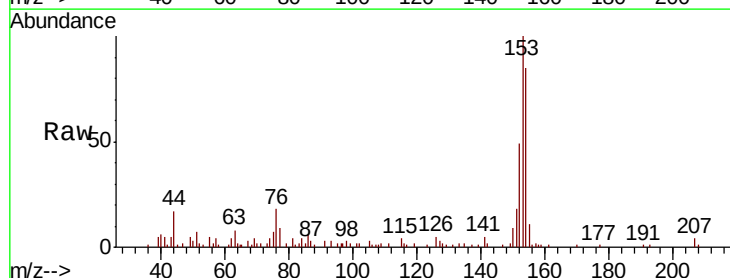
RT: 14.37 min Scan# 1936

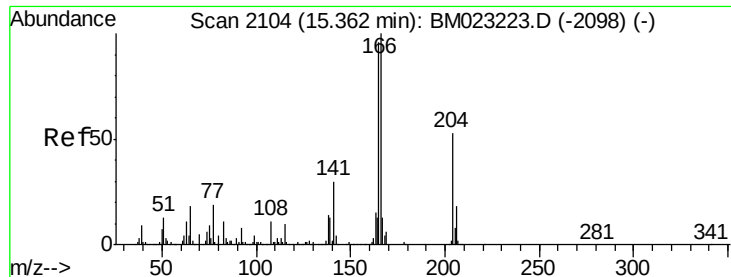
Delta R.T. 0.00 min

Lab File: BM023227.D

Acq: 17 Oct 2019 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		42918		
152	48.7	38.0	57.0		
154	84.6	70.4	105.6		





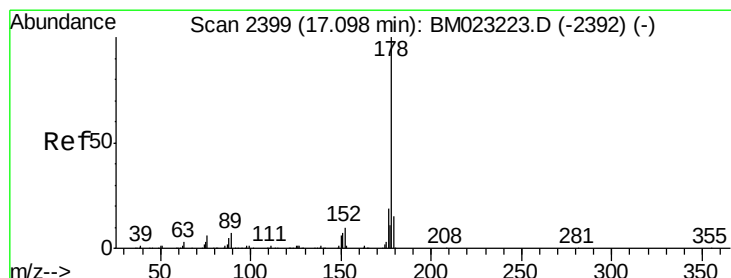
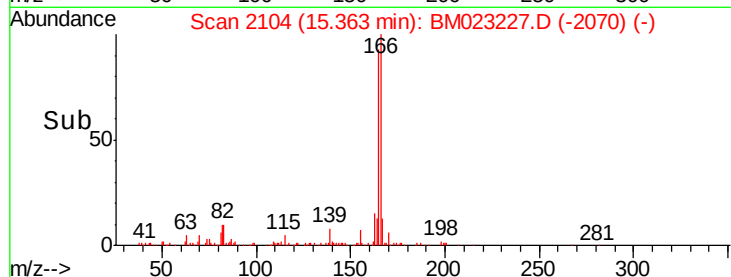
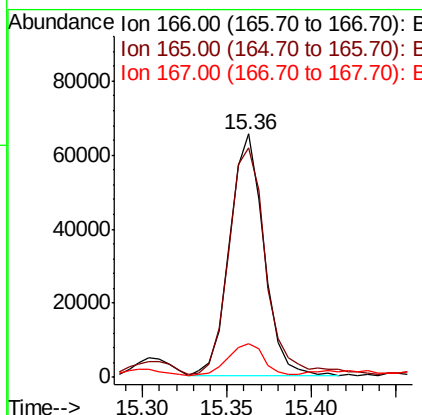
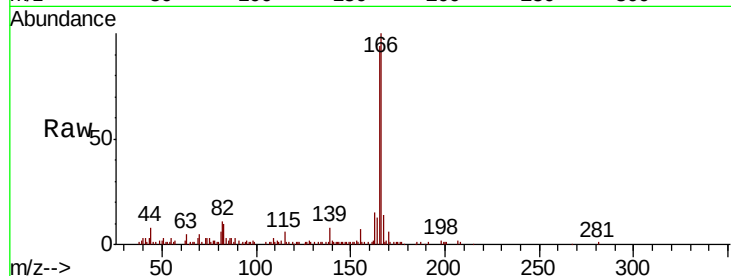
#59
Fluorene
Concen: 1.853 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Instrument :
BNA_M
ClientSampleId :
BEPM1

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.1	77.4	116.0
167	14.0	10.8	16.2

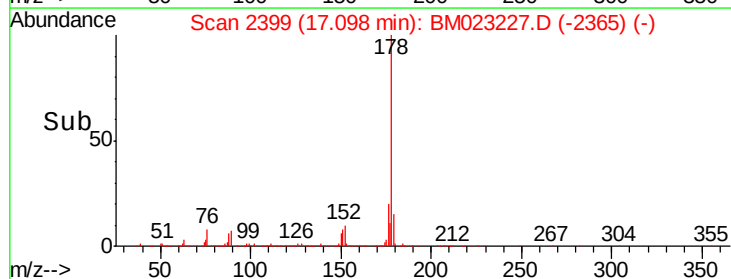
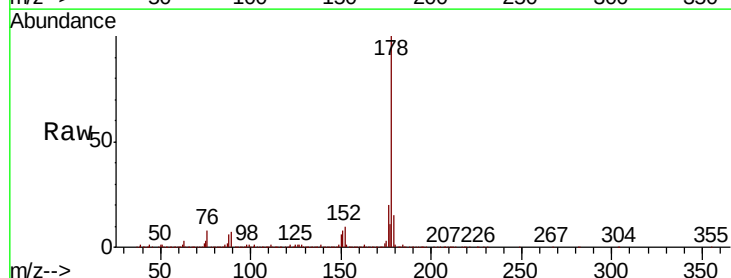
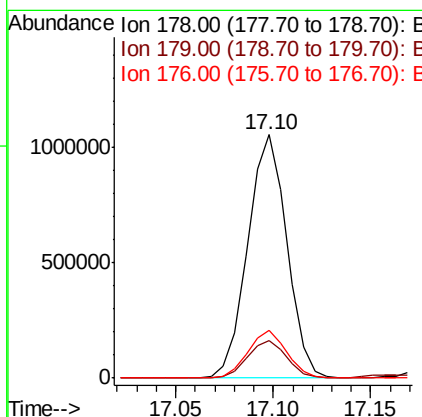
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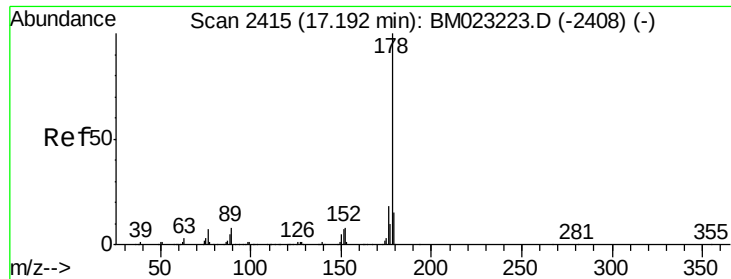
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#70
Phenanthrene
Concen: 19.558 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.8	15.5	23.3





#72

Anthracene

Concen: 4.110 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM023227.D

Acq: 17 Oct 2019 19:42

Instrument :

BNA_M

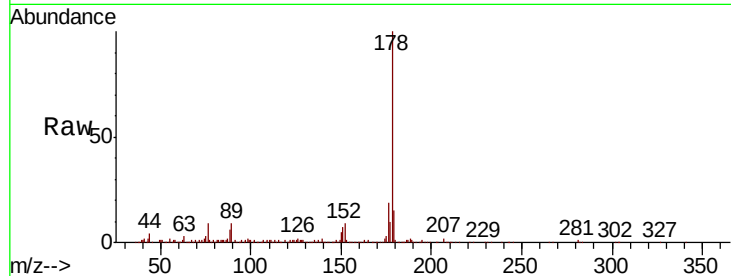
ClientSampled :

BEPM1

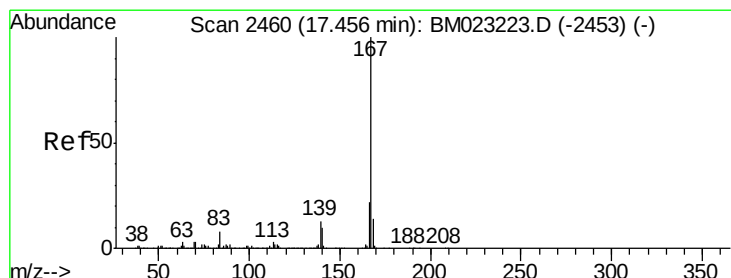
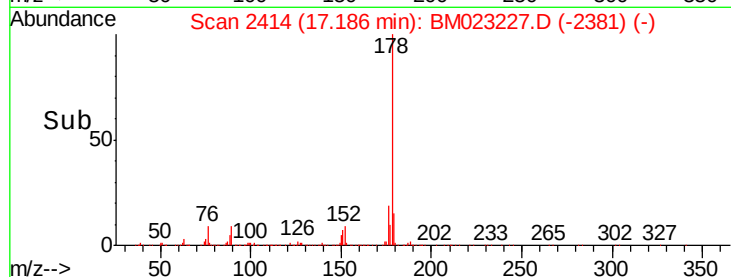
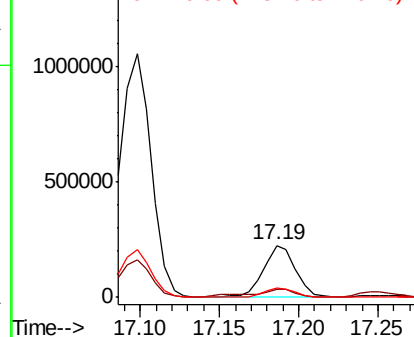
Tot Ion:	178	Resp:	316551
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.3	18.5
176	19.0	15.0	22.4

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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



#75

Carbazole

Concen: 2.099 ng/ul

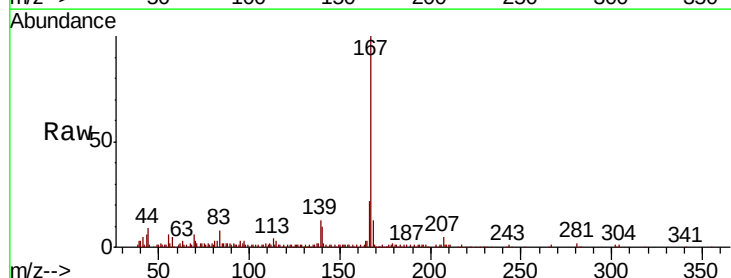
RT: 17.46 min Scan# 2460

Delta R.T. 0.00 min

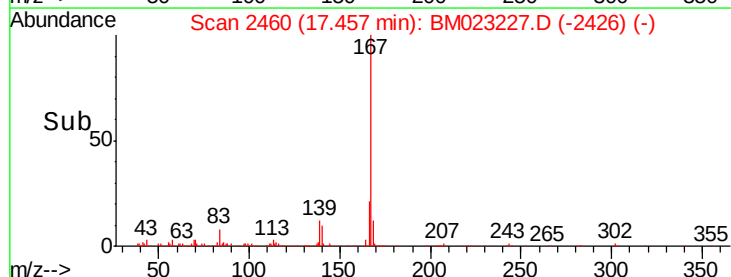
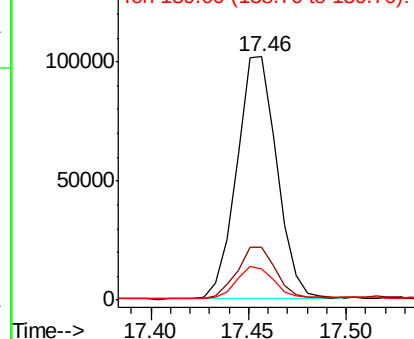
Lab File: BM023227.D

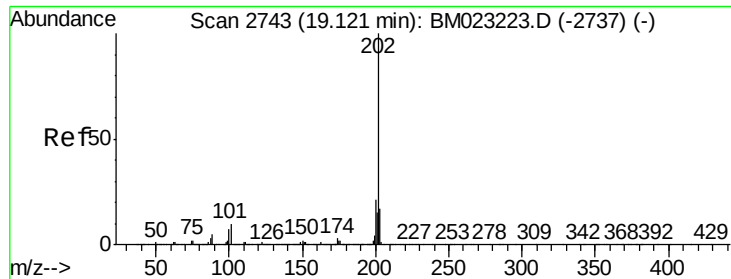
Acq: 17 Oct 2019 19:42

Tgt Ion:	167	Resp:	144462
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.4	26.0
139	12.5	10.2	15.2



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





#77

Fluoranthene

Concen: 31.943 ng/ul

RT: 19.12 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM023227.D

Acq: 17 Oct 2019 19:42

Instrument :

BNA_M

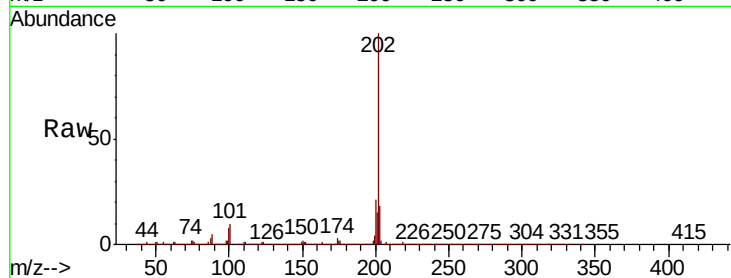
ClientSampleId :

BEPM1

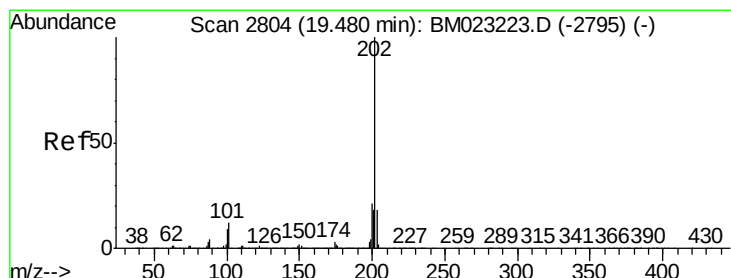
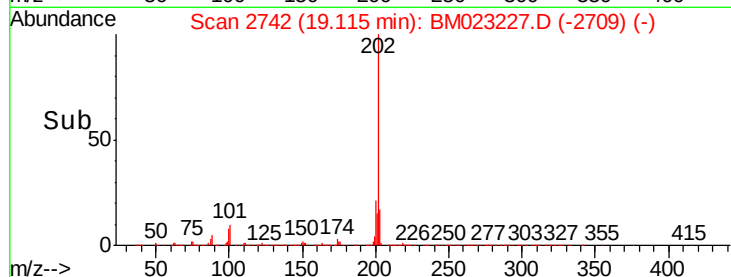
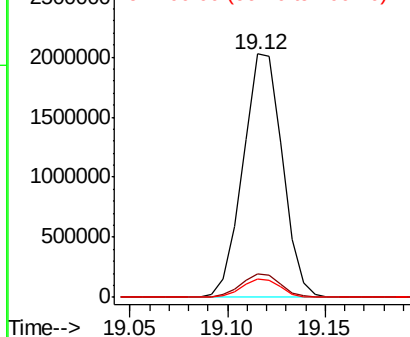
Tot Ion:	202	Resp:	2831646
Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.8
100	7.6	6.1	9.1

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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: 26.600 ng/ul

RT: 19.48 min Scan# 2804

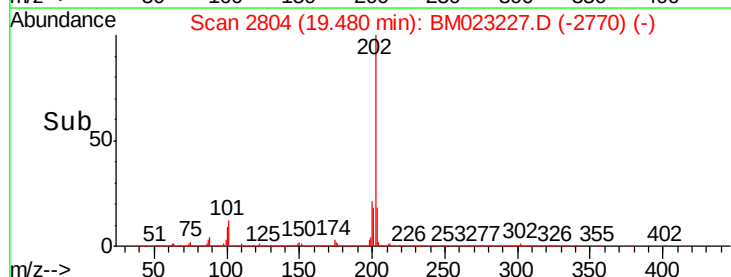
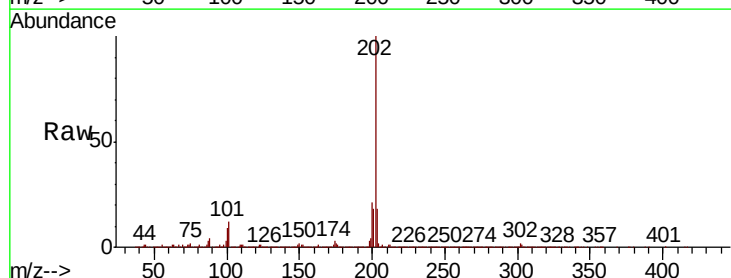
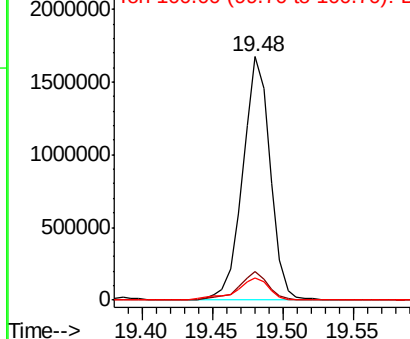
Delta R.T. 0.00 min

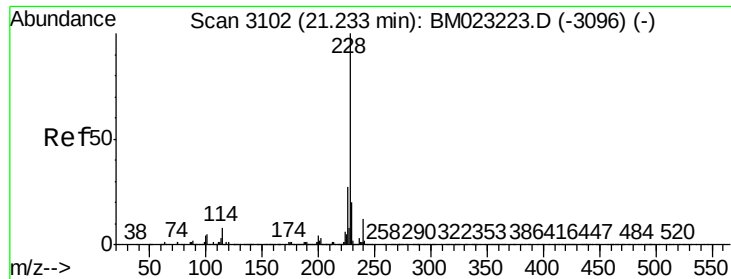
Lab File: BM023227.D

Acq: 17 Oct 2019 19:42

Tgt Ion:	202	Resp:	2268857
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
100	9.3	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





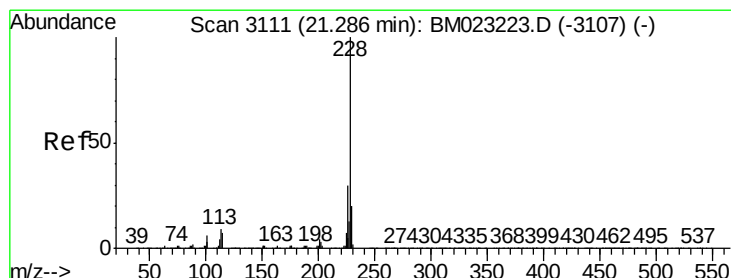
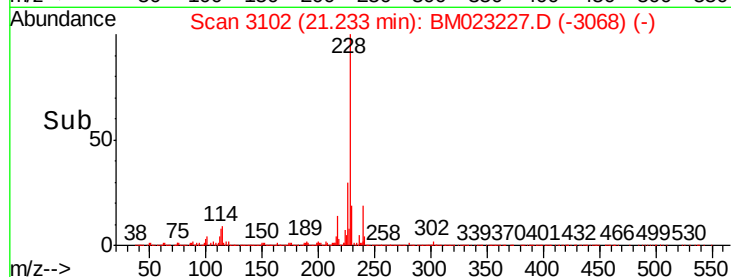
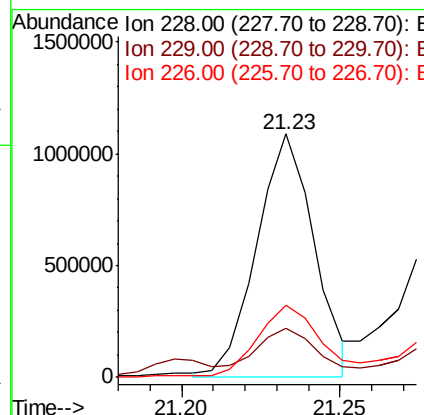
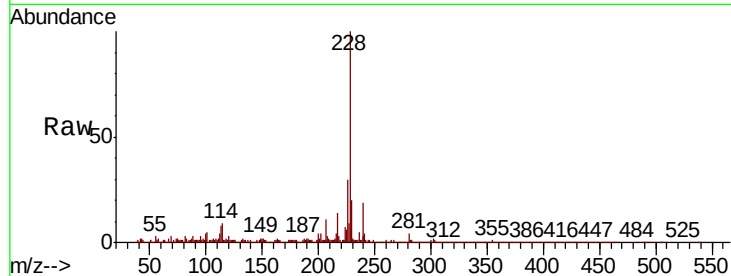
#83
Benzo(a)anthracene
Concen: 14.793 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Instrument :
BNA_M
ClientSampled :
BEPM1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	29.8	21.6	32.4

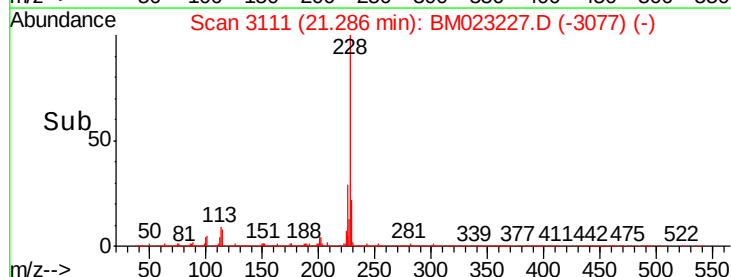
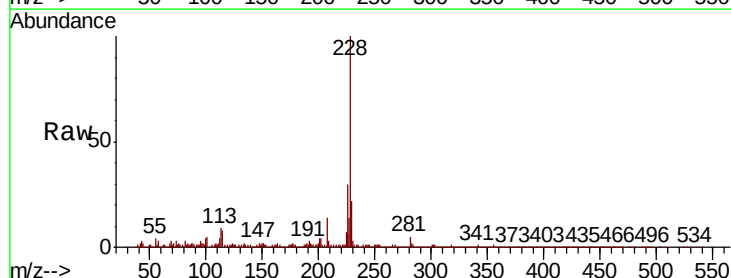
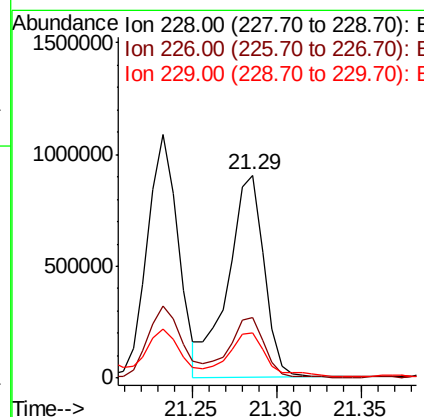
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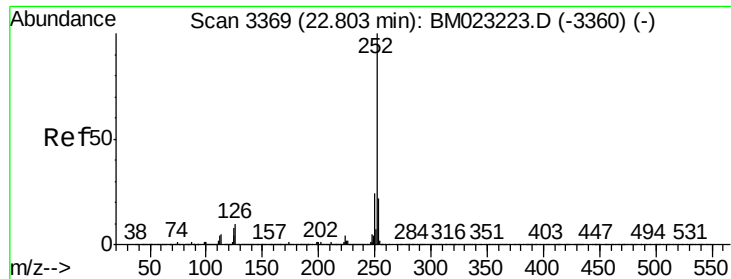
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#85
Chrysene
Concen: 15.697 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	22.4	15.5	23.3





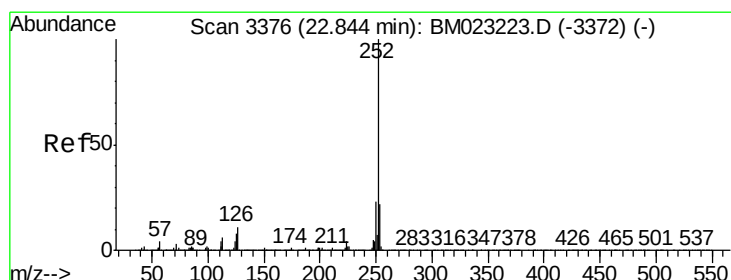
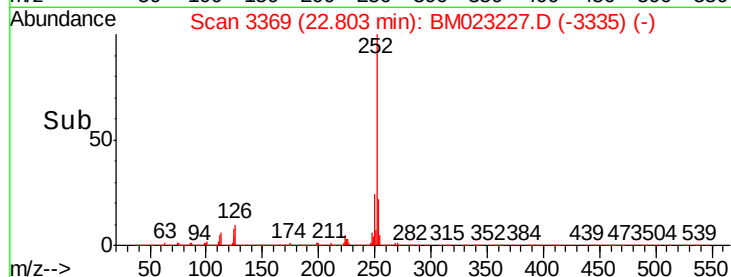
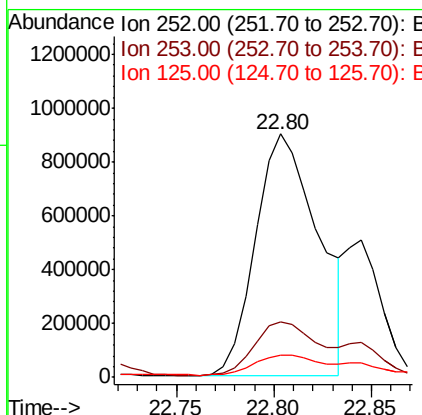
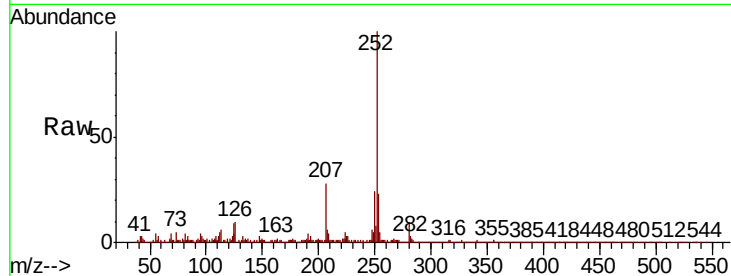
#88
Benzo(b)fluoranthene
Concen: 19.487 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Instrument :
BNA_M
ClientSampleId :
BEP1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	9.1	6.4	9.6

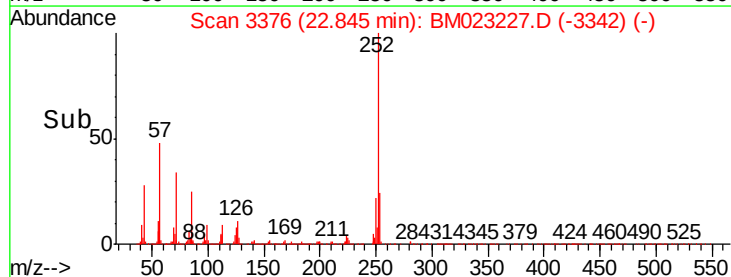
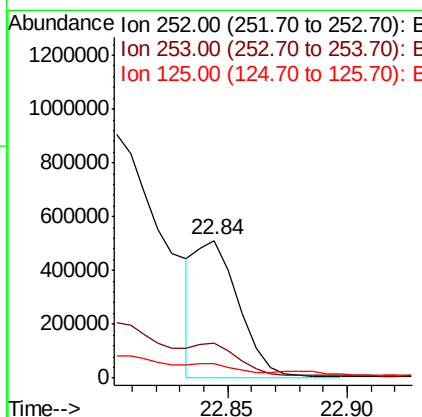
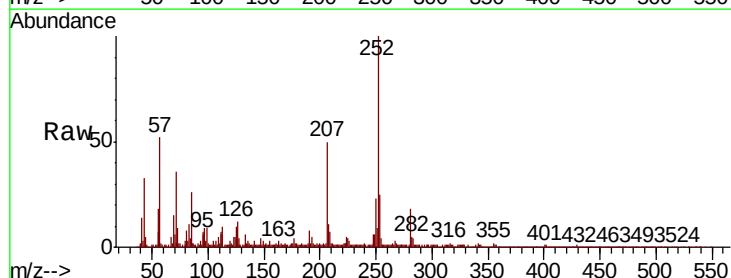
Manual Integrations
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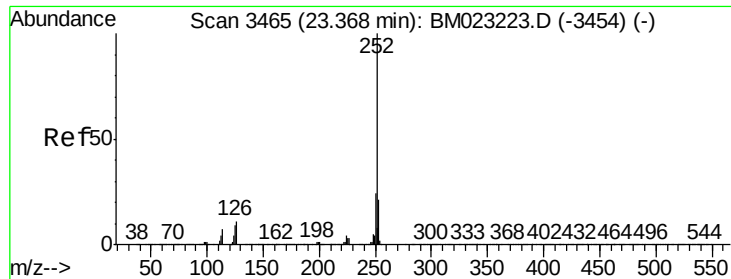
mohammad
10/20/2019 8:06:15 PM



#89
Benzo(k)fluoranthene
Concen: 6.423 ng/ul m
RT: 22.84 min Scan# 3376
Delta R.T. 0.00 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.0
125	10.2	6.5	9.7#





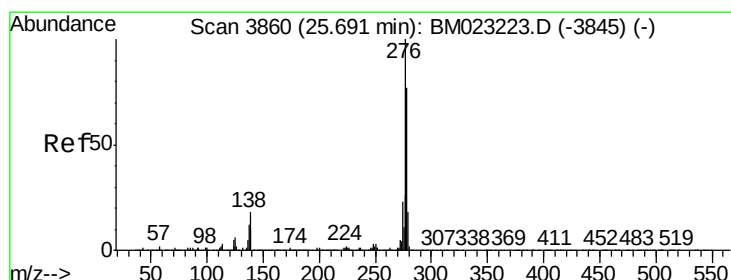
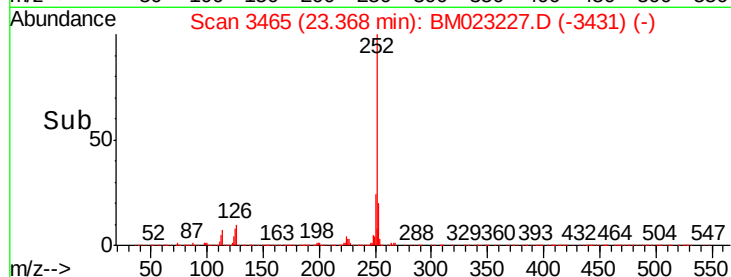
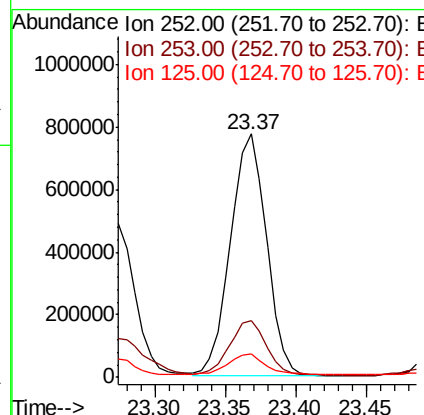
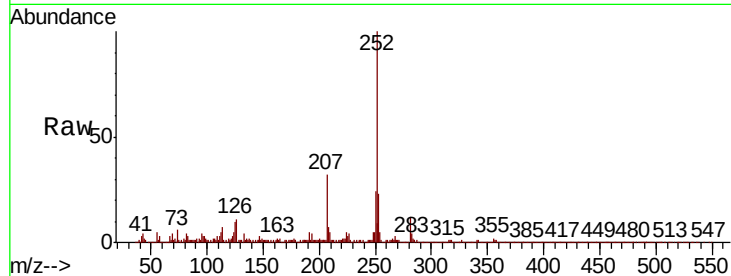
#91
Benzo(a)pyrene
Concen: 13.963 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Instrument :
BNA_M
ClientSampled :
BEPM1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	9.6	7.4	11.0

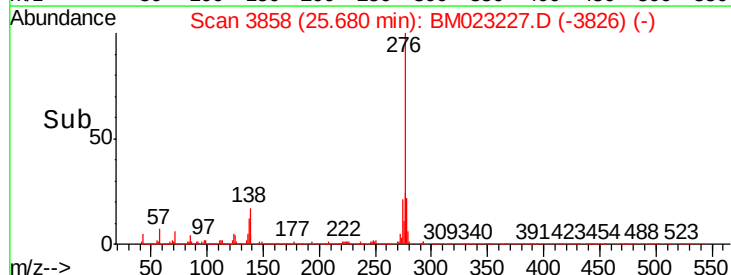
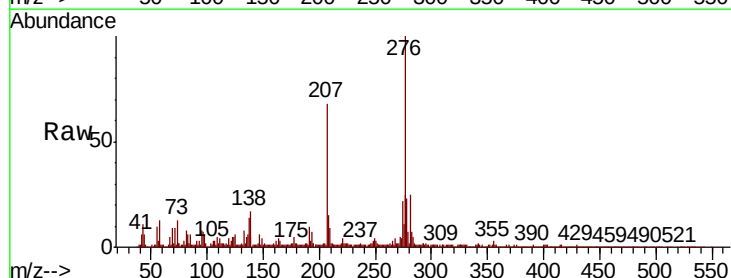
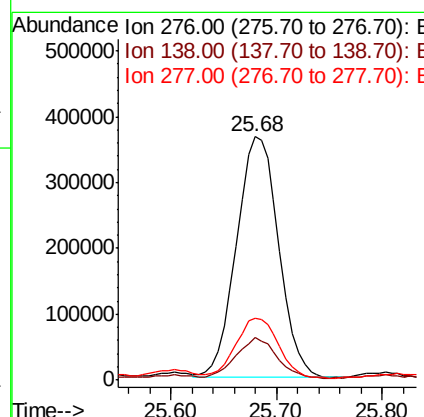
Manual Integrations
APPROVED

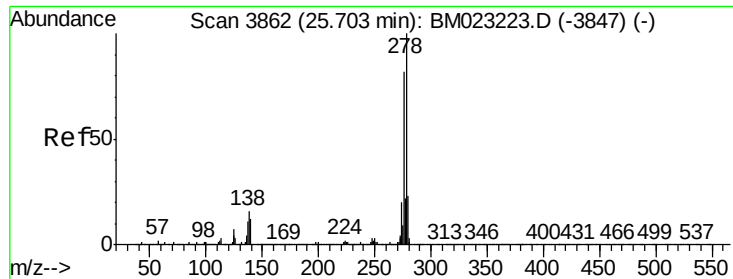
mohammad
10/20/2019 8:06:15 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 8.620 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.9	22.3
277	25.2	19.8	29.8





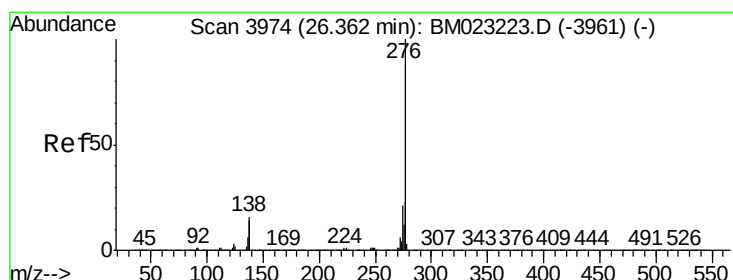
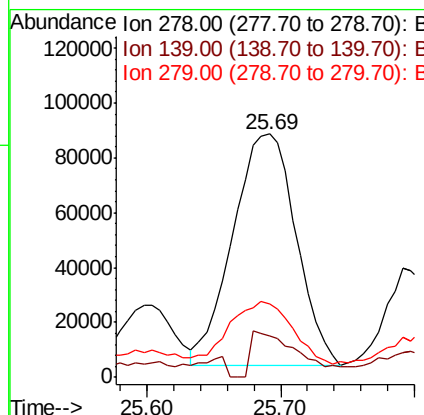
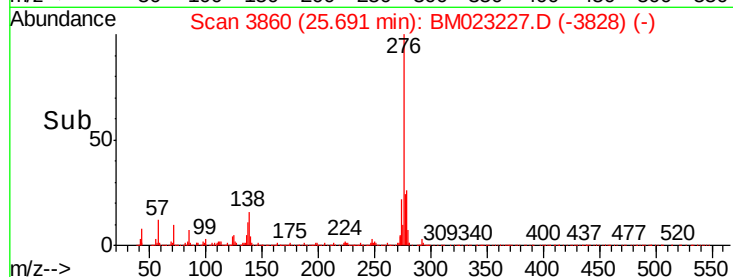
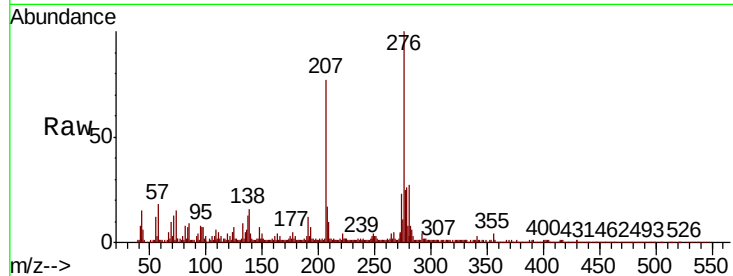
#93
Dibenzo(a,h)anthracene
Concen: 2.838 ng/ul
RT: 25.69 min Scan# 3860
Delta R.T. -0.01 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Instrument :
BNA_M
ClientSampleId :
BEPM1

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	10.0	15.0#
279	29.9	19.4	29.0#

Manual Integrations
APPROVED

mohammad
10/20/2019 8:06:15 PM



#94
Benzo(g,h,i)perylene
Concen: 9.343 ng/ul
RT: 26.36 min Scan# 3974
Delta R.T. 0.00 min
Lab File: BM023227.D
Acq: 17 Oct 2019 19:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	14.4	21.6
277	24.5	19.4	29.2

