

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023226.D
 Acq On : 17 Oct 2019 19:06
 Operator : JU
 Sample : K5236-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPNO

Manual Integrations
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Quant Time: Oct 18 07:11:51 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	386590	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1553274	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	956170	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1926618	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1965152	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2473839	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	20876	2.38	ng/uL	0.00
5) Phenol-d5	6.84	99	432405	12.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	245822	12.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	360090	13.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	340337	12.58	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	170850	16.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	182963	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	365925	14.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	401405	12.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1095617	14.95	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1279777	14.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	129820	10.94	ng/ul	0.00
58) Fluorene-d10	15.30	176	975159	15.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	91360	11.96	ng/ul	0.00
71) Anthracene-d10	17.16	188	1515010	16.31	ng/ul	0.00
79) Pyrene-d10	19.45	212	1639818	17.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	2067205	16.48	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.86	94	79359	2.286	ng/ul 99
45) Dimethylphthalate	13.77	163	438894	5.984	ng/ul 100
48) Acenaphthylene	14.03	152	200801	2.285	ng/ul 99
59) Fluorene	15.36	166	144122	2.022	ng/ul 98
70) Phenanthrene	17.10	178	2381990	22.030	ng/ul 99
72) Anthracene	17.19	178	510963	4.573	ng/ul 99
75) Carbazole	17.46	167	190302	1.907	ng/ul 96
77) Fluoranthene	19.12	202	4435725	34.495	ng/ul 98
80) Pvrene	19.48	202	3517764	28.575	ng/ul 100
83) Benzo(a)anthracene	21.23	228	2111593	15.858	ng/ul 97
85) Chrysene	21.29	228	1927731	15.592	ng/ul 97
88) Benzo(b)fluoranthene	22.80	252	2854998	19.035	ng/ul 98
89) Benzo(k)fluoranthene	22.84	252	941932m	6.540	ng/ul
91) Benzo(a)pyrene	23.37	252	2022386	14.054	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.69	276	1444631	8.439	ng/ul 98
93) Dibenzo(a,h)anthracene	25.70	278	388500	2.714	ng/ul# 93
94) Benzo(g,h,i)perylene	26.36	276	1257449	8.921	ng/ul 99

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

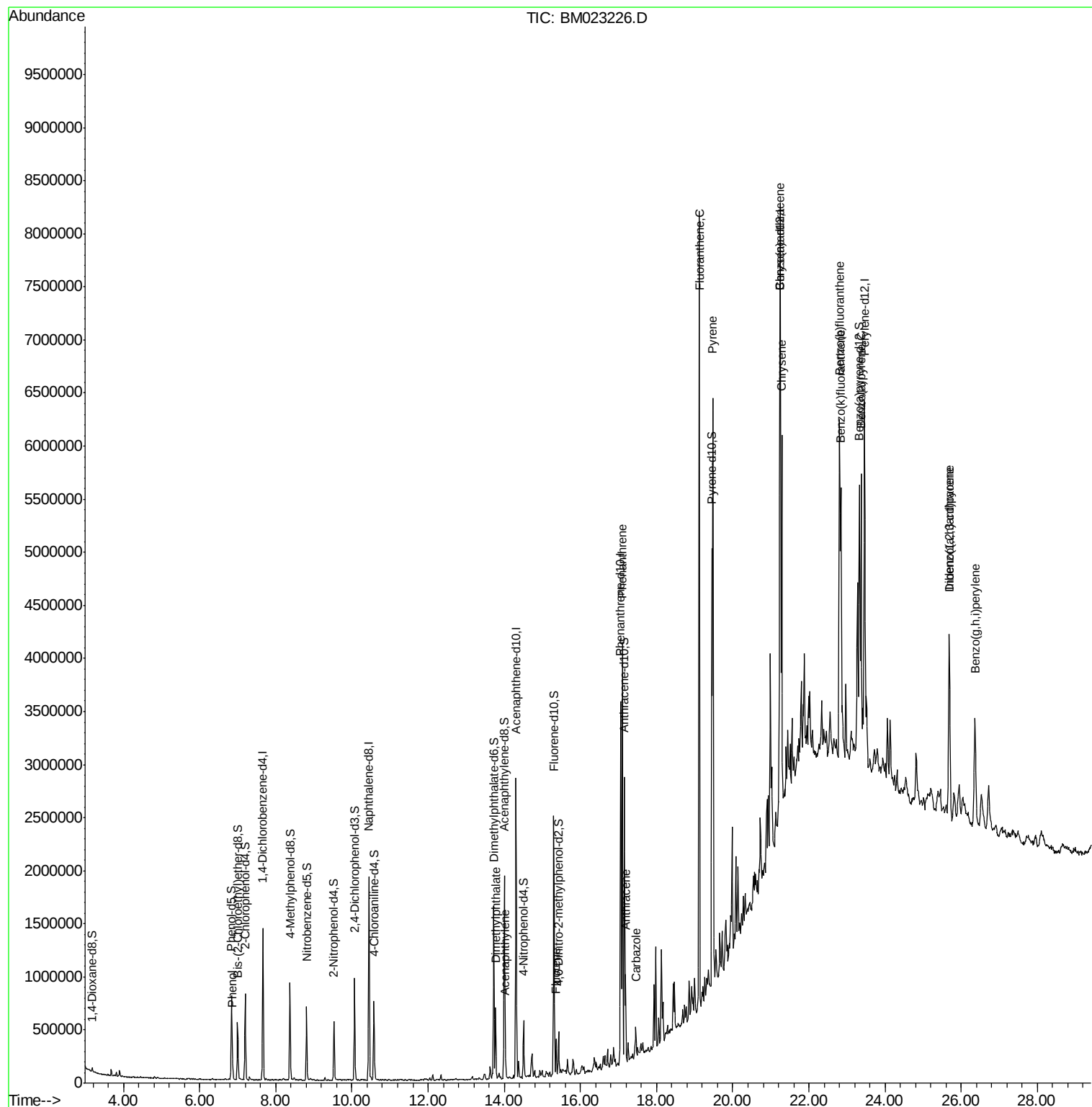
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023226.D
Acq On : 17 Oct 2019 19:06
Operator : JU
Sample : K5236-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

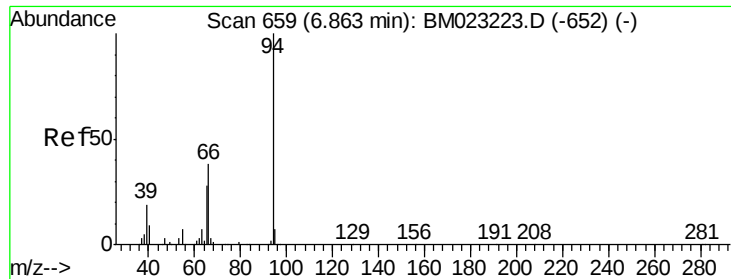
Instrument :
BNA_M
ClientSampleId :
BEPN0

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Quant Time: Oct 18 07:11:51 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





#6

Phenol

Concen: 2.286 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023226.D

Acq: 17 Oct 2019 19:06

Instrument :

BNA_M

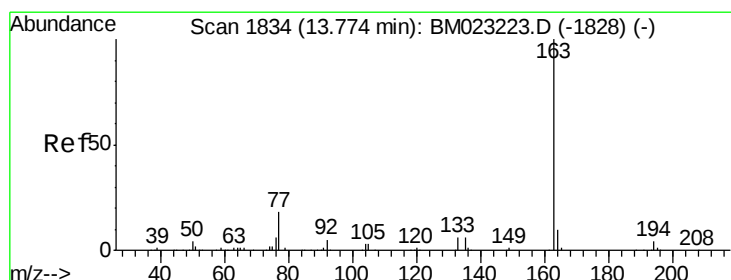
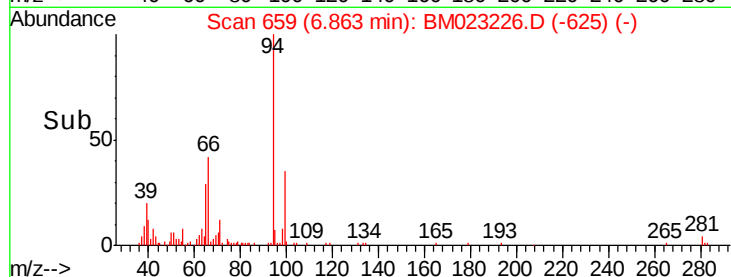
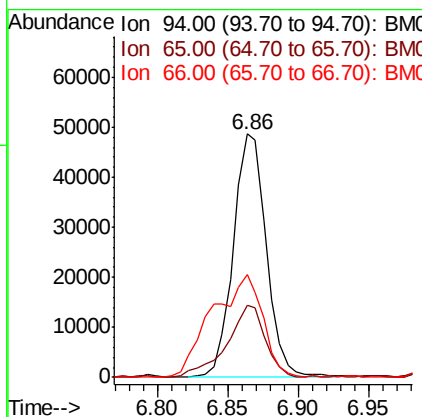
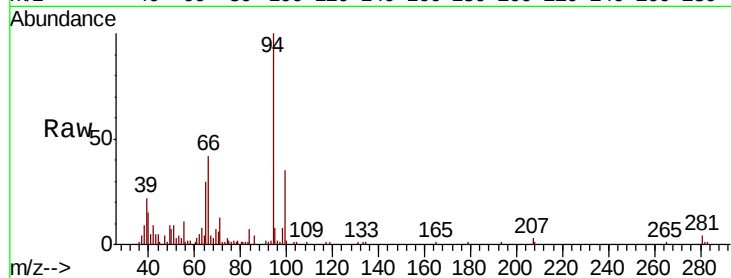
ClientSampleId :

BEPN0

Tot Ion:	94	Resp:	79359
Ion	Ratio	Lower	Upper
94	100		
65	29.6	23.7	35.5
66	42.3	32.9	49.3

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#45

Dimethylphthalate

Concen: 5.984 ng/ul

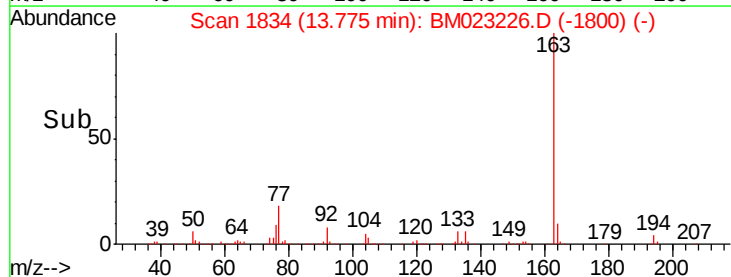
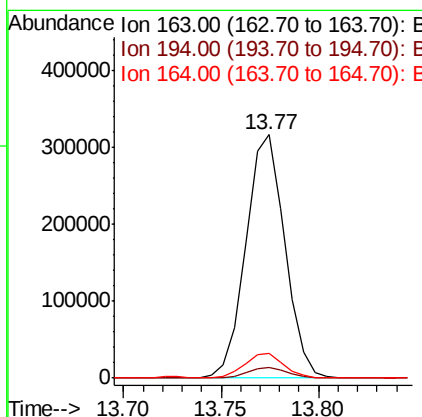
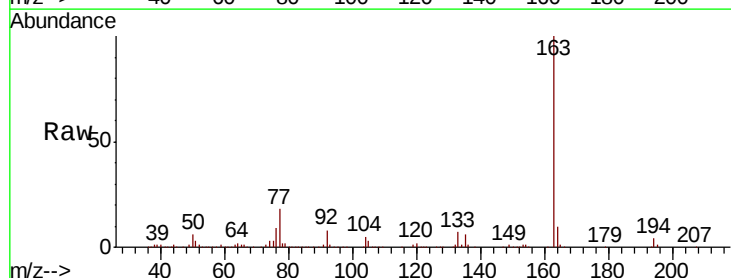
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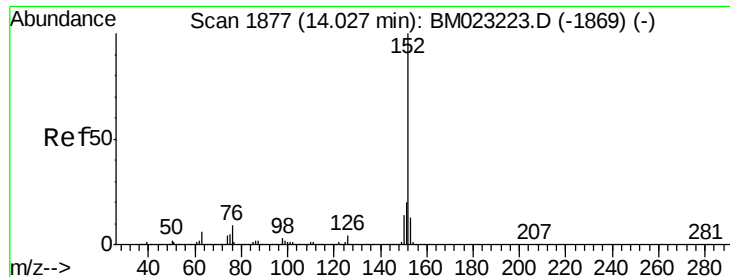
Delta R.T. 0.00 min

Lab File: BM023226.D

Acq: 17 Oct 2019 19:06

Tgt Ion:	163	Resp:	438894
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.9	8.0	12.0





#48

Acenaphthylene

Concen: 2.285 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM023226.D

Acq: 17 Oct 2019 19:06

Instrument :

BNA_M

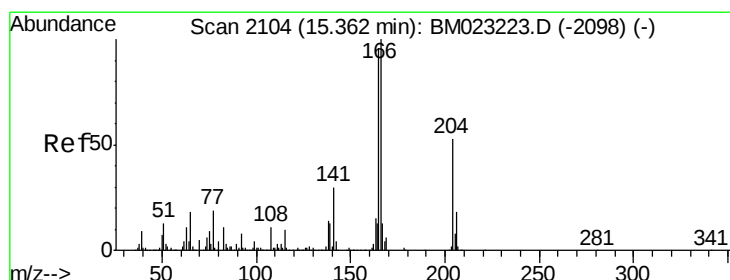
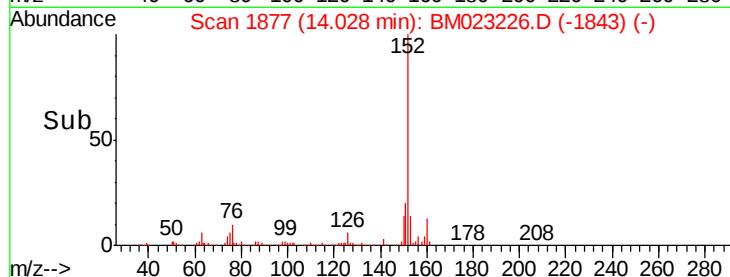
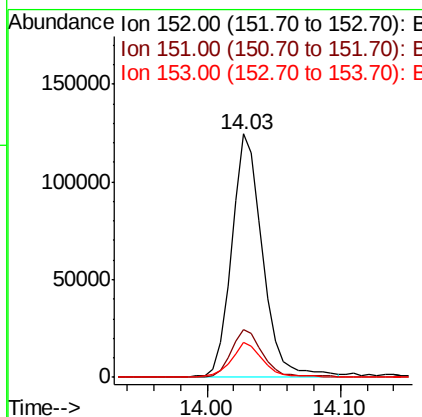
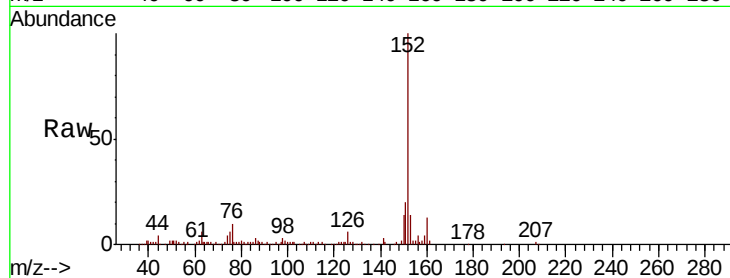
ClientSampleId :

BEPN0

Tot Ion:	152	Resp:	200801
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.6
153	14.1	10.3	15.5

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#59

Fluorene

Concen: 2.022 ng/ul

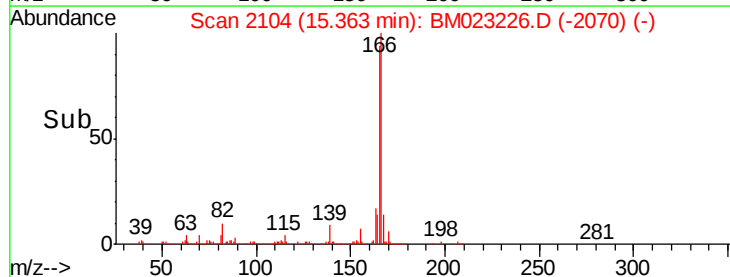
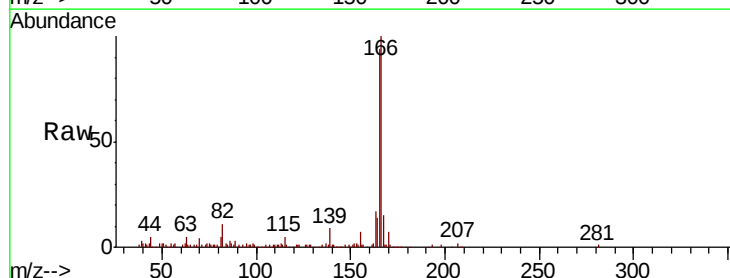
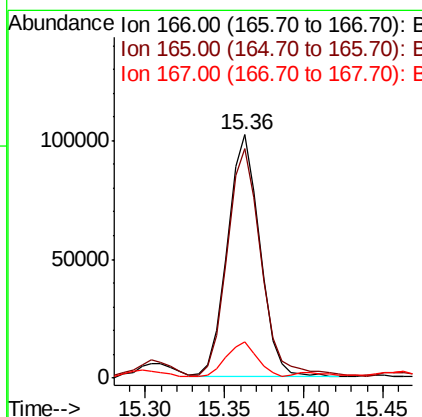
RT: 15.36 min Scan# 2104

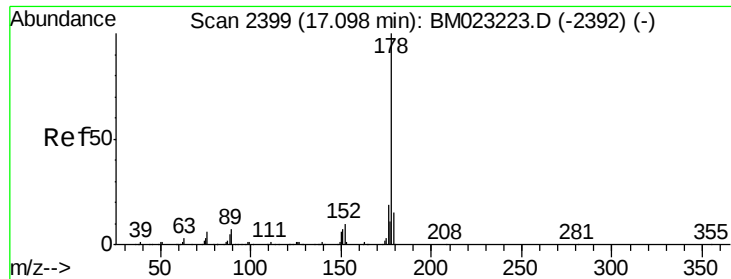
Delta R.T. 0.00 min

Lab File: BM023226.D

Acq: 17 Oct 2019 19:06

Tgt Ion:	166	Resp:	144122
Ion Ratio	Lower	Upper	
166	100		
165	94.4	77.4	116.0
167	14.8	10.8	16.2





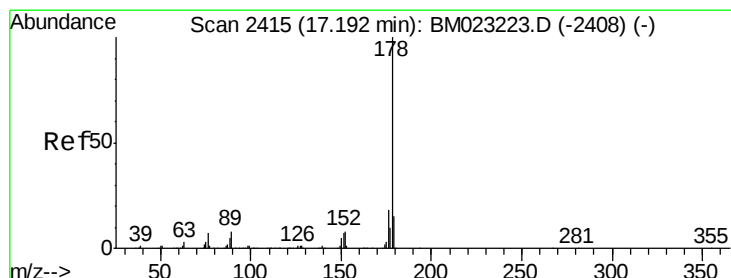
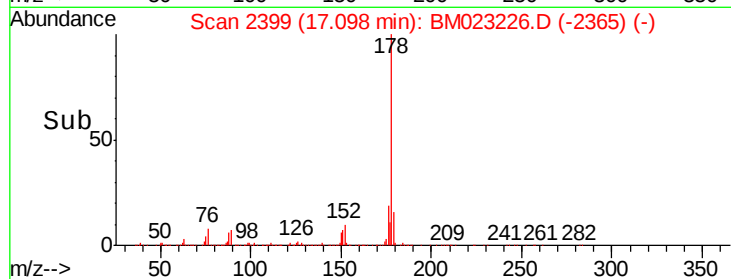
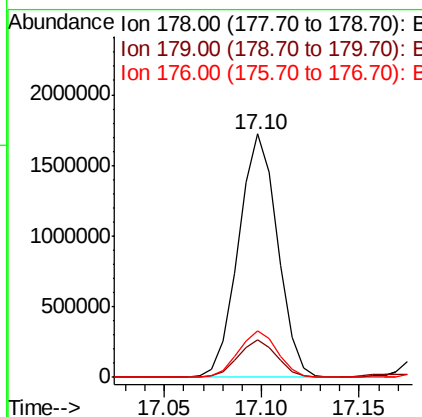
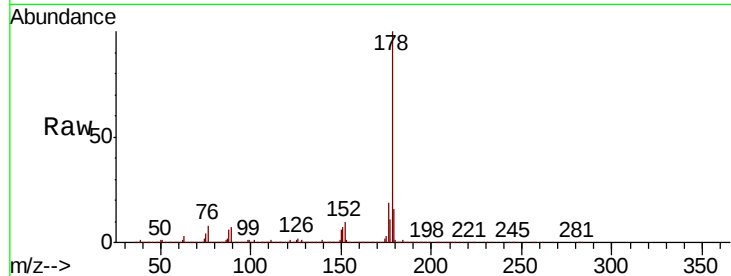
#70
Phenanthrene
Concen: 22.030 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.0	15.5	23.3

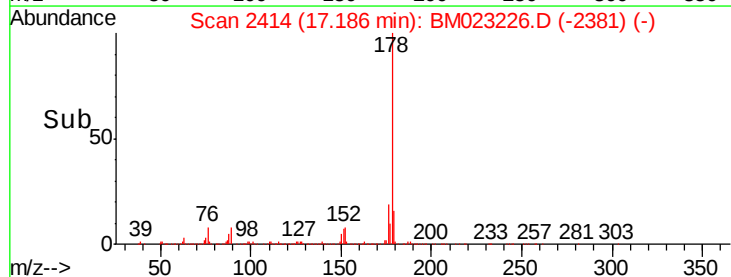
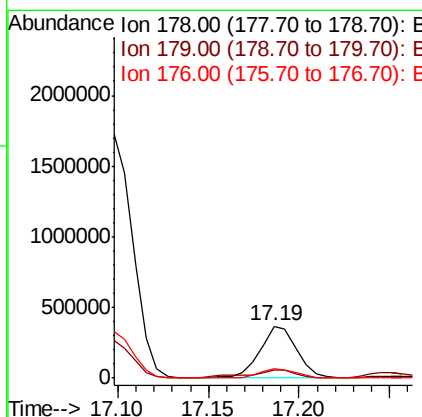
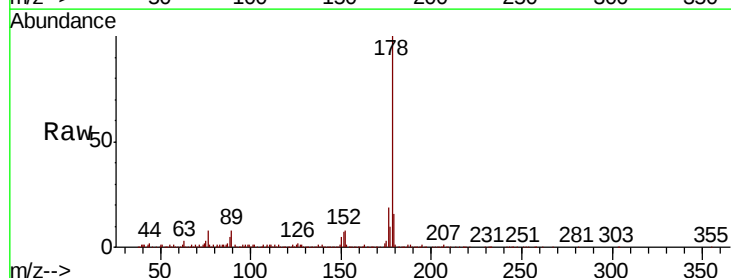
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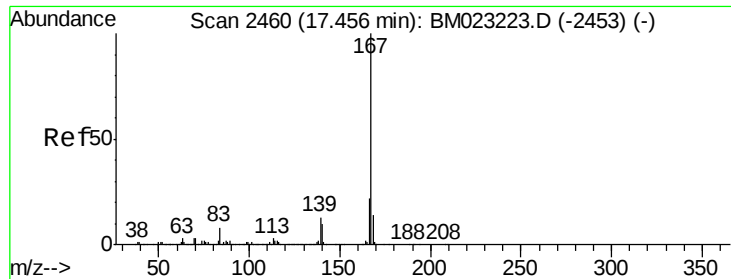
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#72
Anthracene
Concen: 4.573 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.7	15.0	22.4





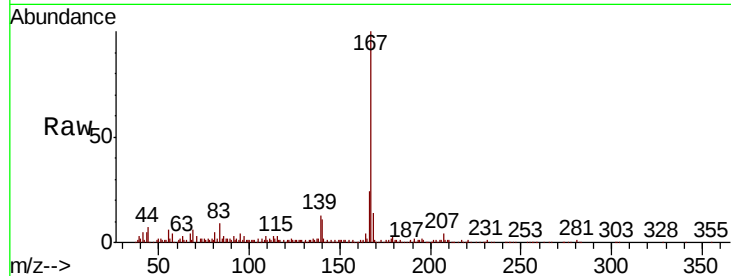
#75
 Carbazole
 Concen: 1.907 ng/ul
 RT: 17.46 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BM023226.D
 Acq: 17 Oct 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 BEPN0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		190302		
166	24.1		17.4	26.0	
139	13.5		10.2	15.2	

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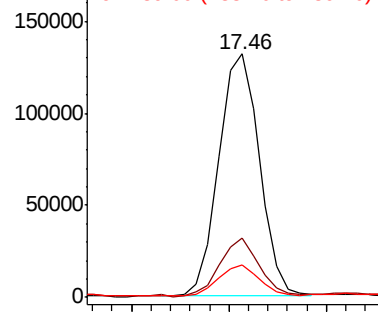


Abundance

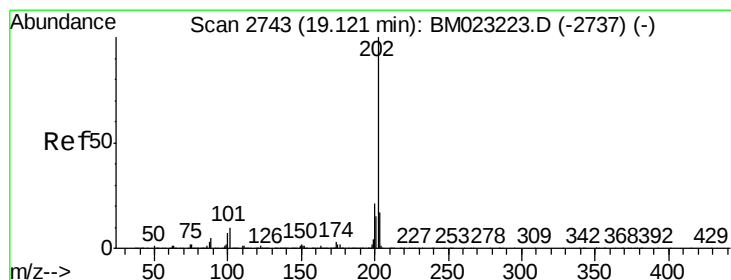
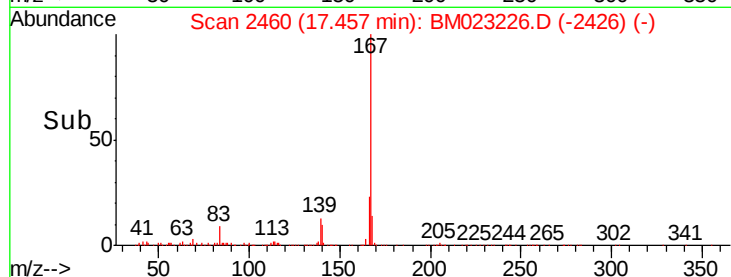
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

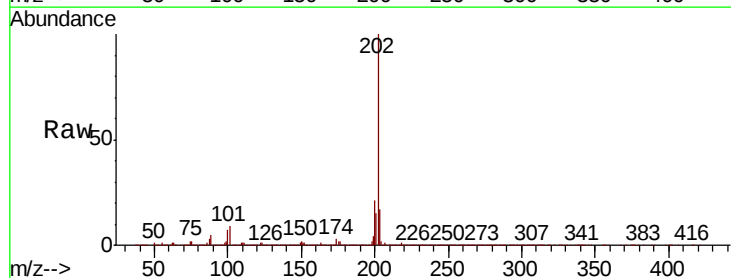


Time-->



#77
 Fluoranthene
 Concen: 34.495 ng/ul
 RT: 19.12 min Scan# 2743
 Delta R.T. 0.00 min
 Lab File: BM023226.D
 Acq: 17 Oct 2019 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		4435725		
101	9.1		7.8	11.8	
100	6.9		6.1	9.1	

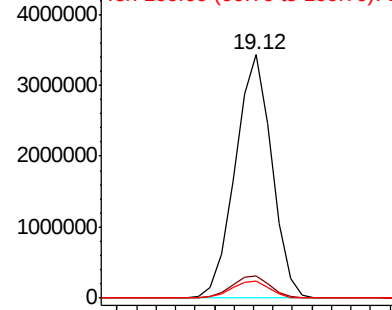


Abundance

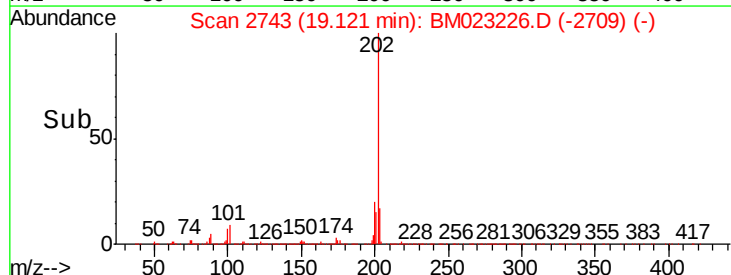
Ion 202.00 (201.70 to 202.70): E

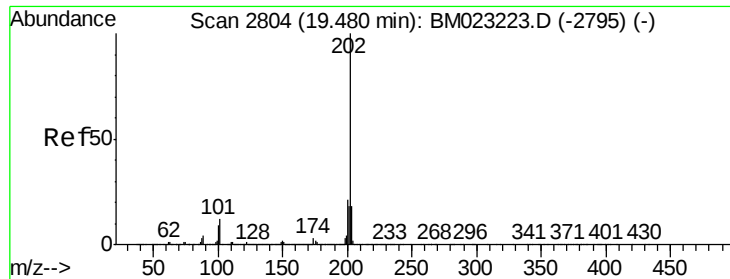
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->





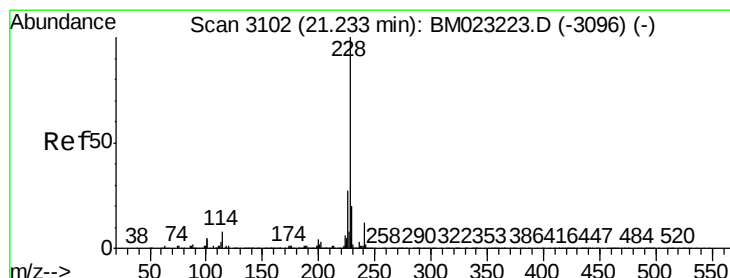
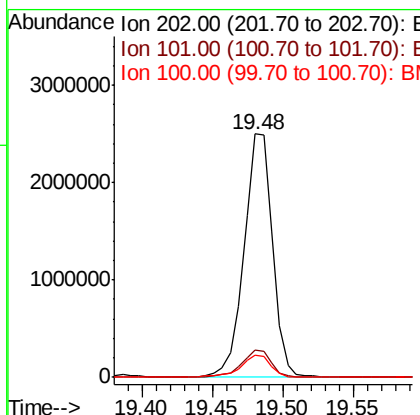
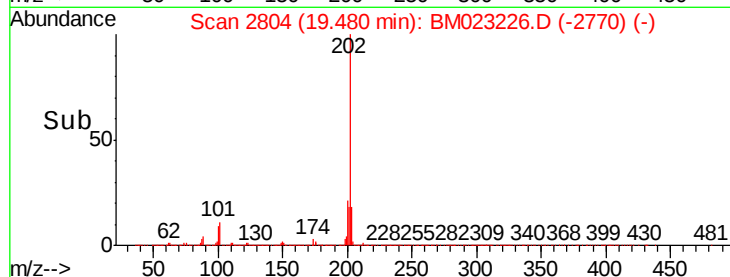
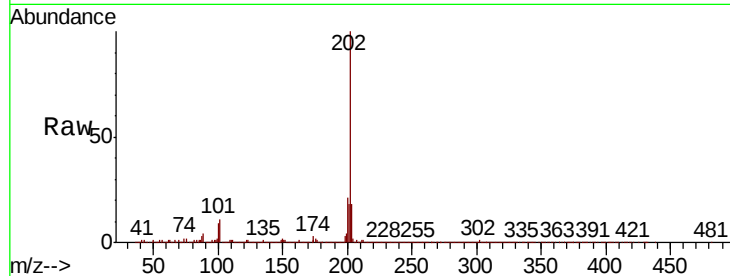
#80
Pvrene
Concen: 28.575 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.3	7.5	11.3

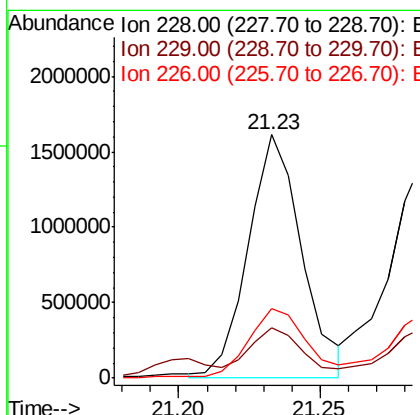
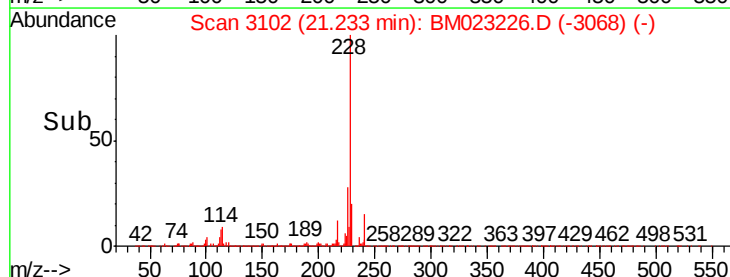
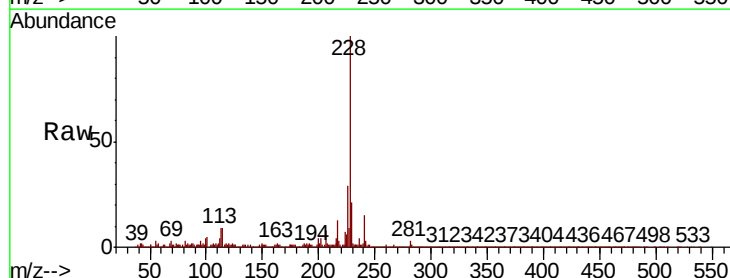
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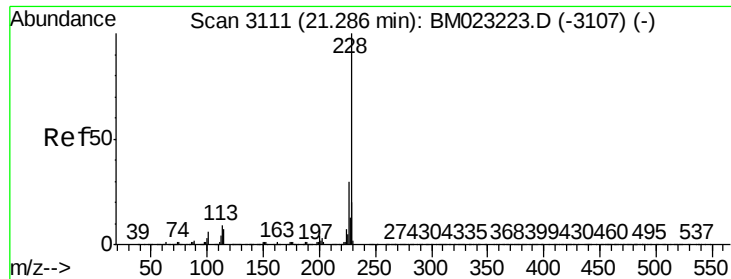
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#83
Benzo(a)anthracene
Concen: 15.858 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.5	21.6	32.4





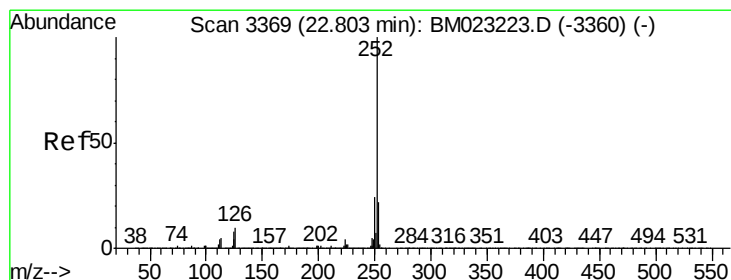
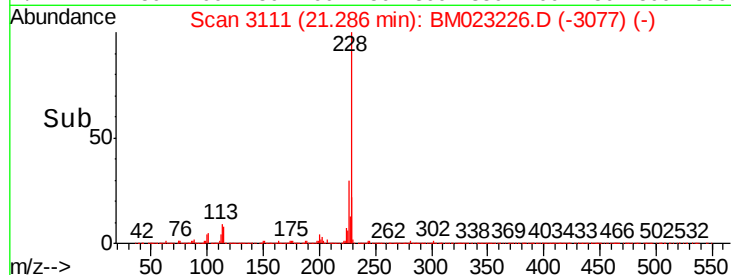
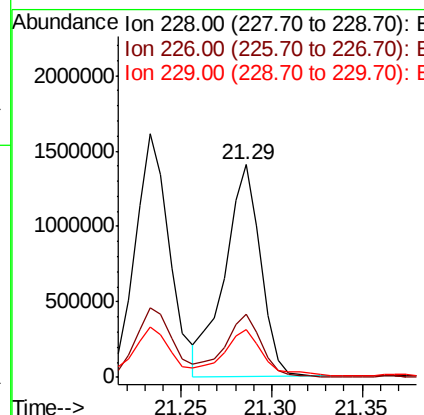
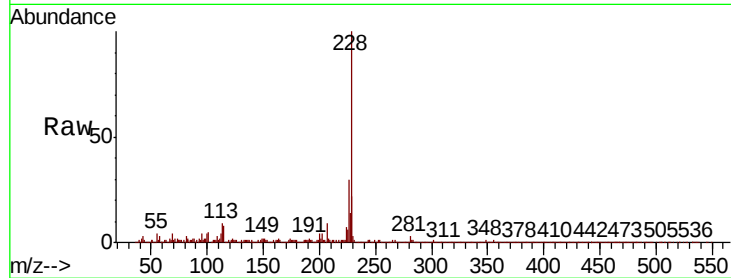
#85
Chrysene
Concen: 15.592 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	22.4	15.5	23.3

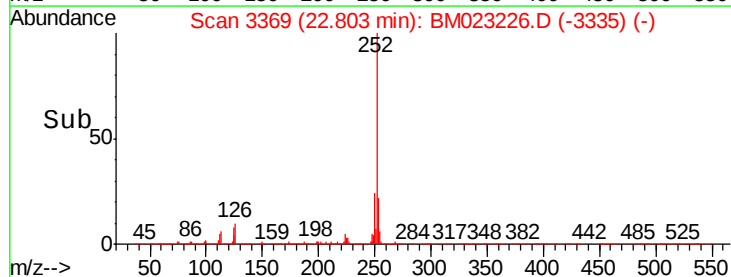
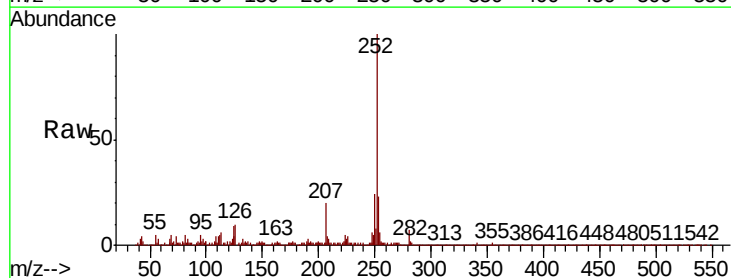
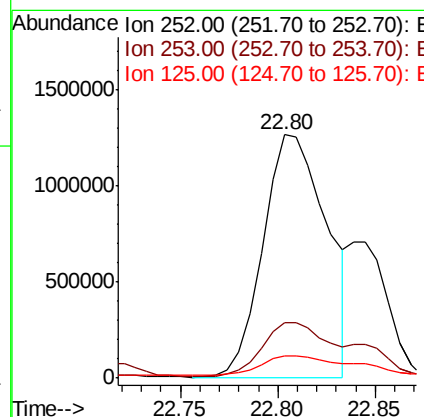
Manual Integrations
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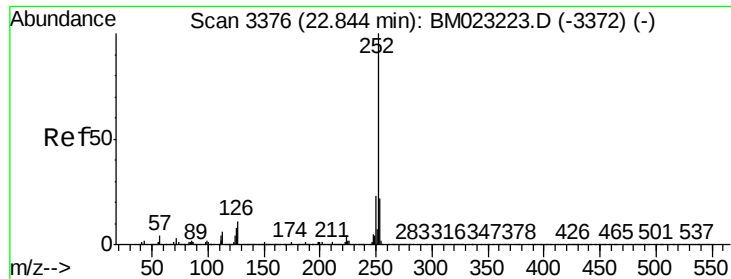
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#88
Benzo(b)fluoranthene
Concen: 19.035 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	8.9	6.4	9.6





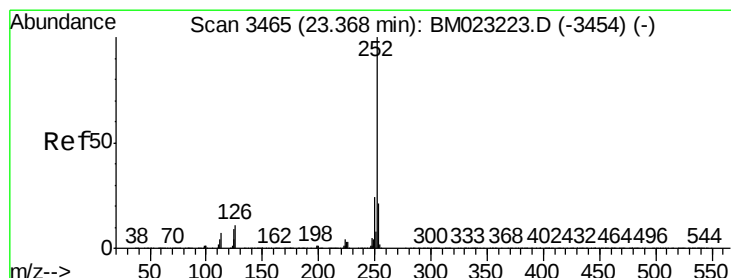
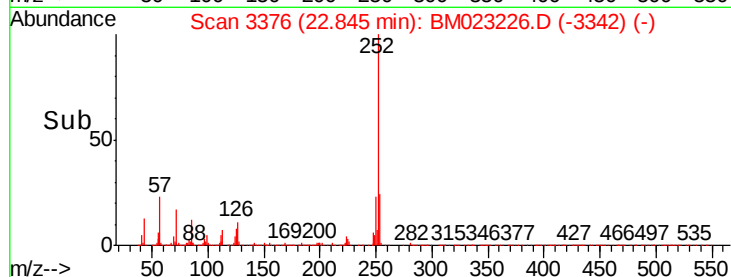
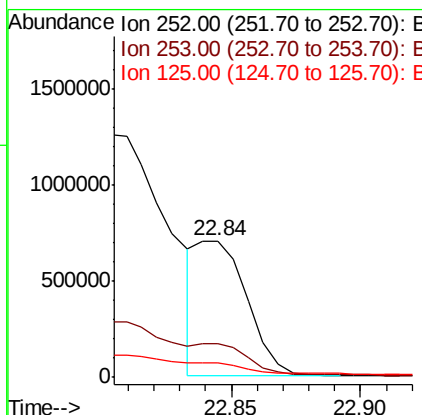
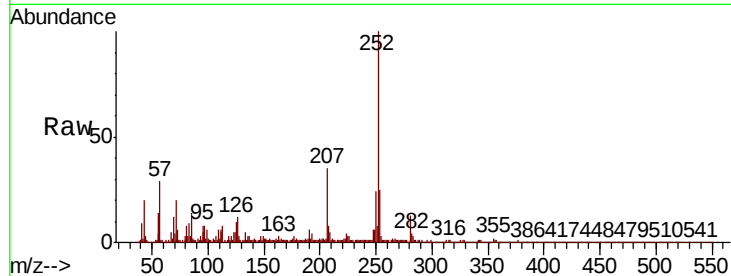
#89
Benzo(k)fluoranthene
Concen: 6.540 ng/ul m
RT: 22.84 min Scan# 3376
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampled :
BEPN0

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

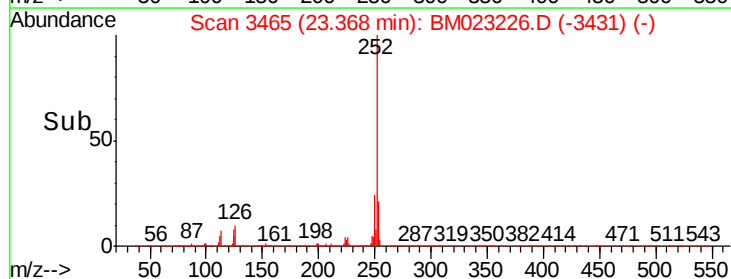
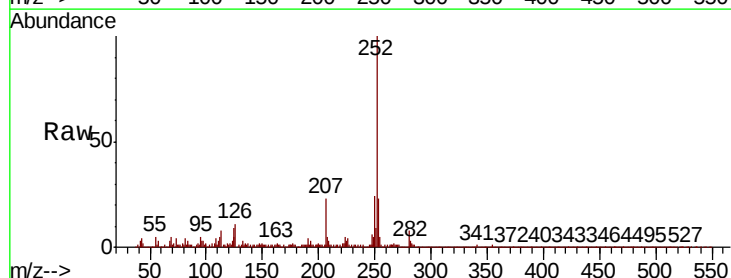
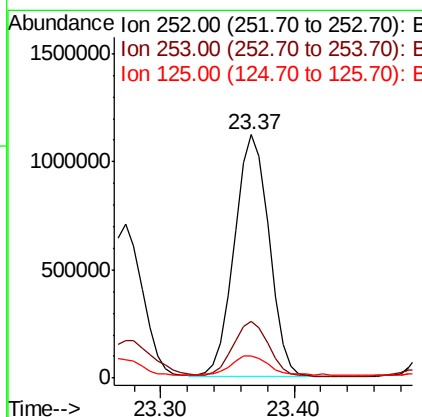
Manual Integrations
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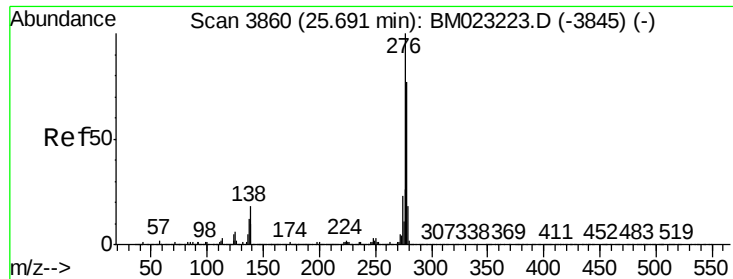
mohammad
10/20/2019 8:06:12 PM



#91
Benzo(a)pyrene
Concen: 14.054 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	9.2	7.4	11.0





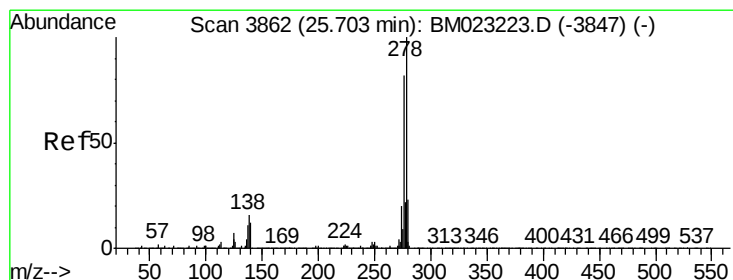
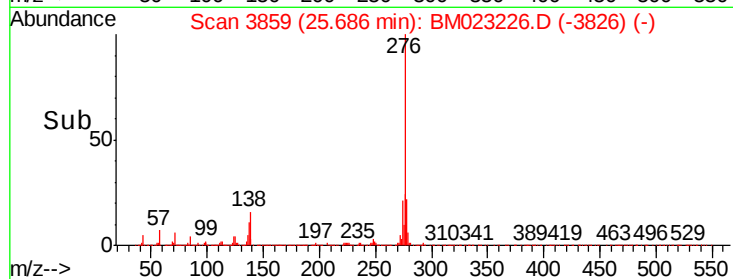
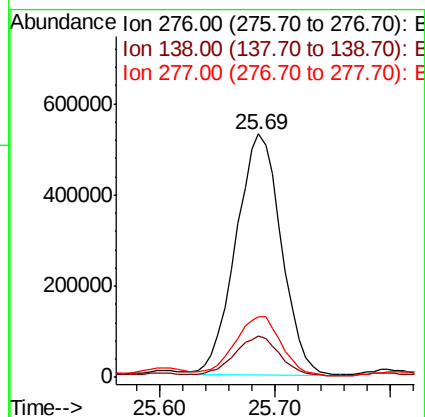
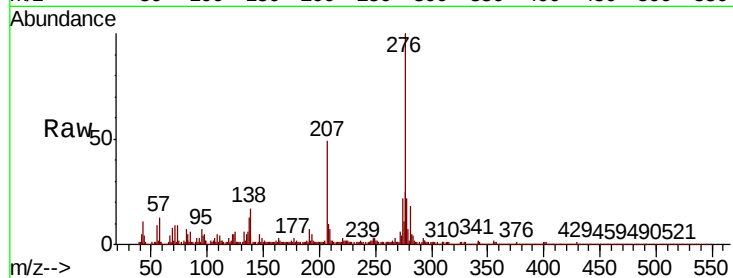
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 8.439 ng/ul
 RT: 25.69 min Scan# 3859
 Delta R.T. -0.01 min
 Lab File: BM023226.D
 Acq: 17 Oct 2019 19:06

Instrument :
 BNA_M
 ClientSampleId :
 BEPN0

Tot Ion:	276	Resp:	1444631
Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.9	22.3
277	24.8	19.8	29.8

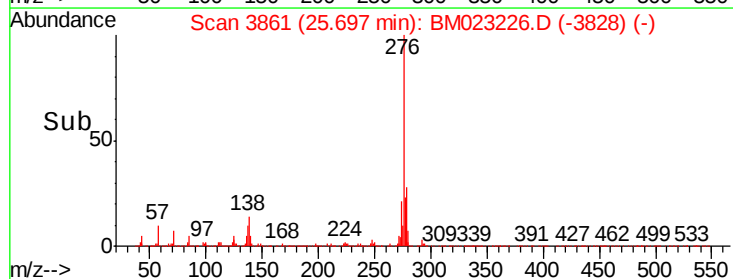
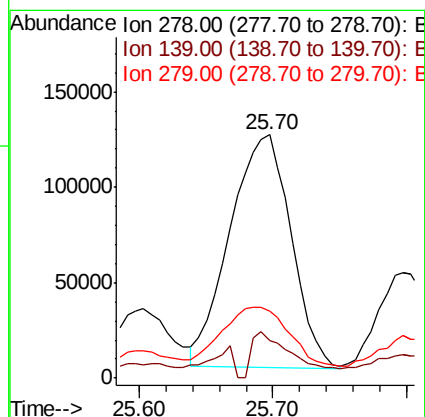
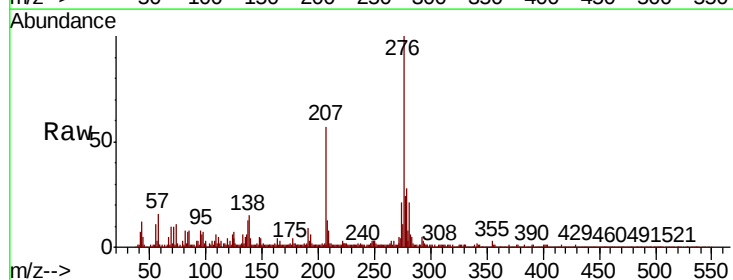
Manual Integrations
 APPROVED

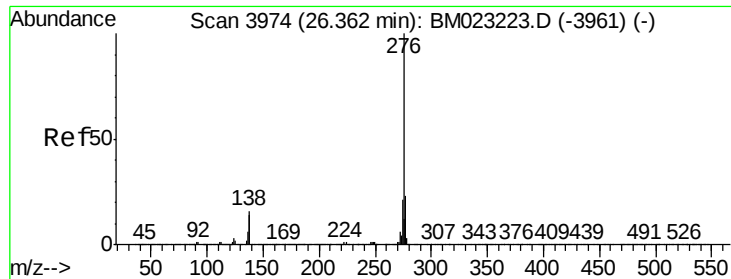
mohammad
 10/20/2019 8:06:12 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.714 ng/ul
 RT: 25.70 min Scan# 3861
 Delta R.T. -0.01 min
 Lab File: BM023226.D
 Acq: 17 Oct 2019 19:06

Tgt Ion:	278	Resp:	388500
Ion	Ratio	Lower	Upper
278	100		
139	15.5	10.0	15.0#
279	27.7	19.4	29.0





#94

Benzo(a,h,i)perylene

Concen: 8.921 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. 0.00 min

Lab File: BM023226.D

Acq: 17 Oct 2019 19:06

Instrument :

BNA_M

ClientSampleId :

BEPN0

Tot Ion:276 Resp: 1257449

Ion Ratio Lower Upper

276 100

138 17.0 14.4 21.6

277 24.0 19.4 29.2

Manual Integrations

APPROVED

mohammad

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