

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023961.D
 Acq On : 28 Nov 2019 20:13
 Operator : JU
 Sample : K5851-06RE
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Quant Time: Nov 28 21:37:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 17:16:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	527711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	2164815	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	1320396	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2680224	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	2551430	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	3174666	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	54066	4.56	ng/uL	0.00
5) Phenol-d5	6.67	99	1133746	24.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	646142	24.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	899402	25.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	907097	24.86	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	437012	26.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	502480	26.31	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.89	165	917189	25.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	770860	19.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	2626998	25.61	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	3298168	27.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	364798	21.15	ng/ul	0.00
58) Fluorene-d10	15.14	176	2360008	27.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	249419	14.82	ng/ul	0.00
71) Anthracene-d10	17.00	188	3556456	27.78	ng/ul	0.00
79) Pyrene-d10	19.30	212	3742339	28.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	4624558	27.56	ng/ul	0.00

Target Compounds

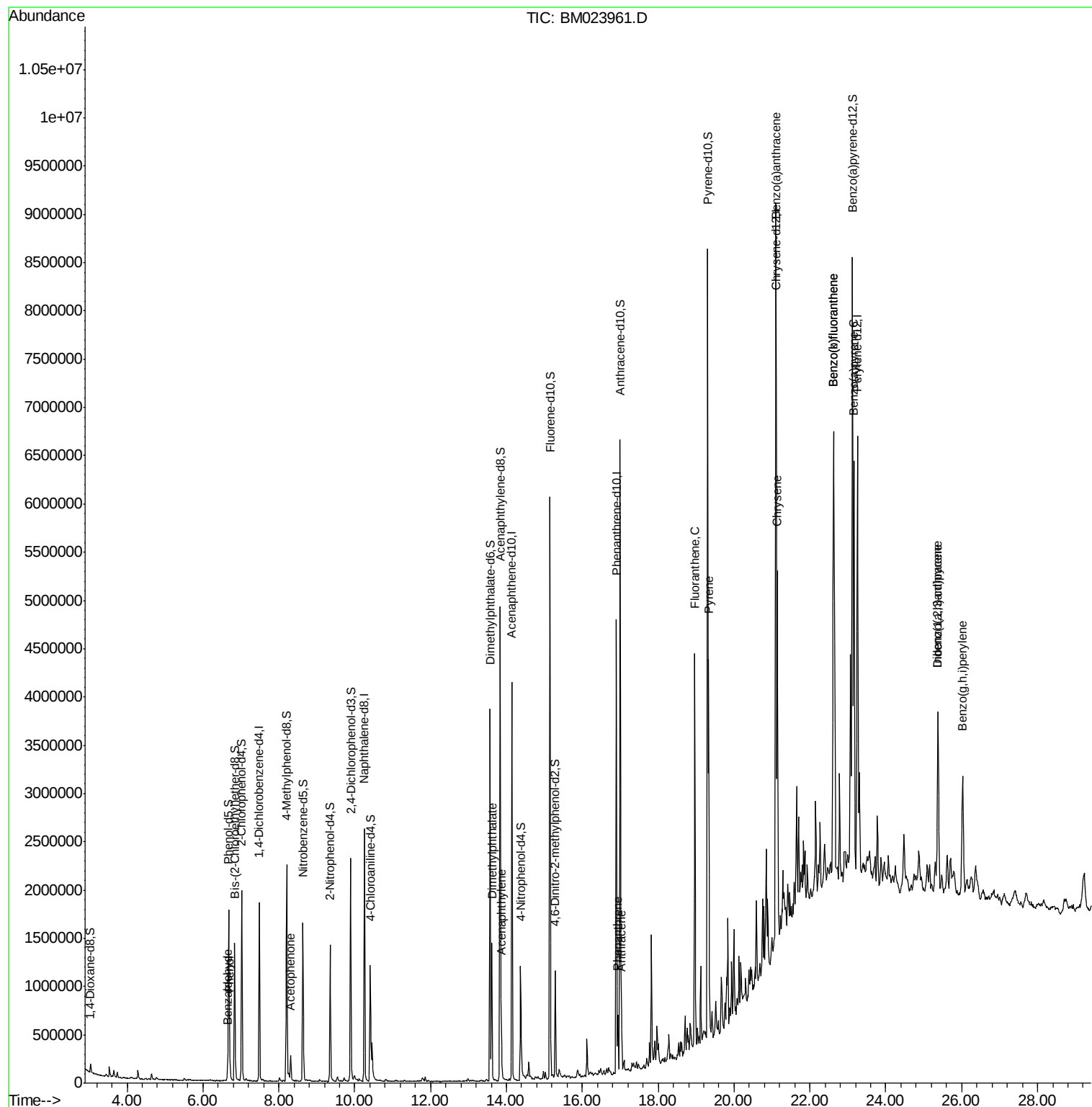
					Ovalue
4) Benzaldehyde	6.65	77	27538	1.131	ng/ul 97
6) Phenol	6.70	94	137839	2.897	ng/ul 98
14) Acetophenone	8.31	105	154808	2.775	ng/ul 97
45) Dimethylphthalate	13.62	163	912871	9.090	ng/ul 100
48) Acenaphthylene	13.86	152	512049	4.211	ng/ul 99
70) Phenanthrene	16.94	178	332061	2.193	ng/ul 99
72) Anthracene	17.03	178	345427	2.247	ng/ul 100
77) Fluoranthene	18.97	202	2322646	14.304	ng/ul 99
80) Pyrene	19.33	202	2247286	13.073	ng/ul 100
83) Benzo(a)anthracene	21.09	228	2592680	15.203	ng/ul 95
85) Chrysene	21.14	228	2104260	13.139	ng/ul 98
88) Benzo(b)fluoranthene	22.62	252	3574597	18.207	ng/ul 97
89) Benzo(k)fluoranthene	22.62	252	3574597	19.180	ng/ul 98
91) Benzo(a)pyrene	23.16	252	2553148	13.754	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.38	276	1668979	7.241	ng/ul 96
93) Dibenzo(a,h)anthracene	25.38	278	516869	2.670	ng/ul# 80
94) Benzo(g,h,i)perylene	26.03	276	1433008	7.423	ng/ul 98

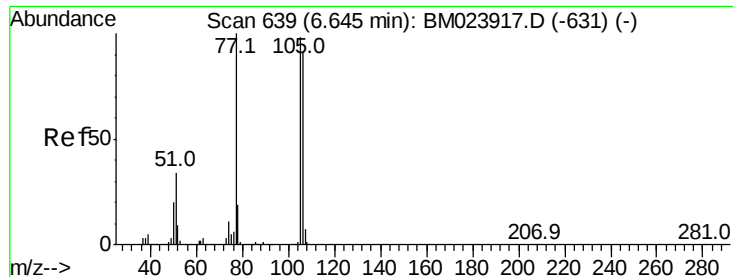
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023961.D
Acq On : 28 Nov 2019 20:13
Operator : JU
Sample : K5851-06RE
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

Quant Time: Nov 28 21:37:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.131 ng/ul

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

ClientSampleId :

C0AA4

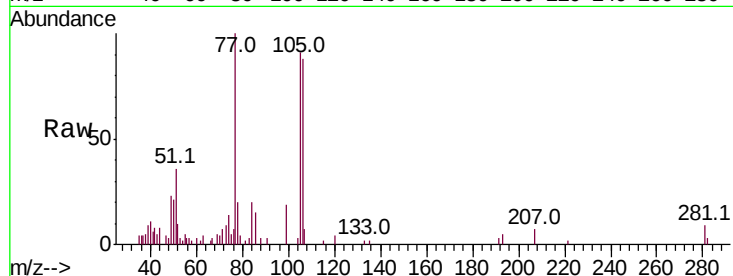
Tot Ion: 77 Resp: 27538

Ion Ratio Lower Upper

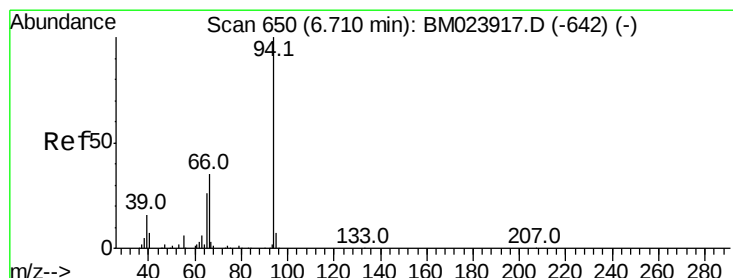
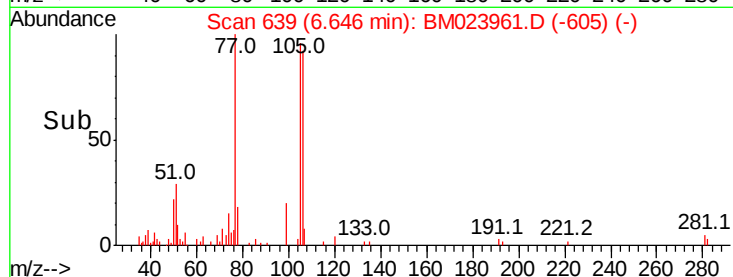
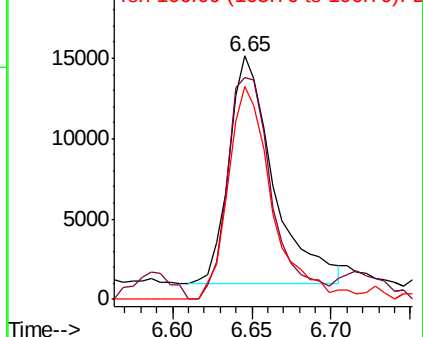
77 100

105 90.9 75.4 113.0

106 87.5 72.6 109.0



Abundance Ion 77.00 (76.70 to 77.70): BMD
Ion 105.00 (104.70 to 105.70): BMD
Ion 106.00 (105.70 to 106.70): BMD



#6

Phenol

Concen: 2.897 ng/ul

RT: 6.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

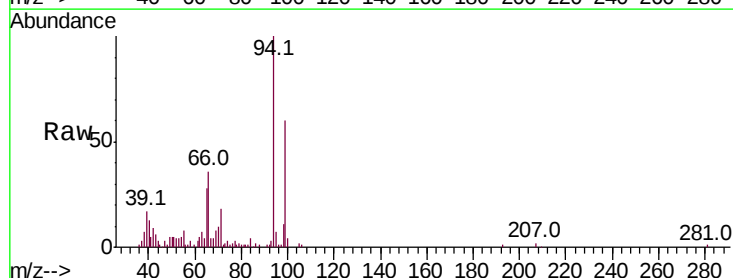
Tgt Ion: 94 Resp: 137839

Ion Ratio Lower Upper

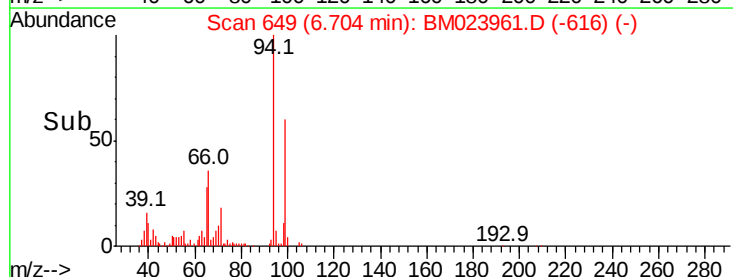
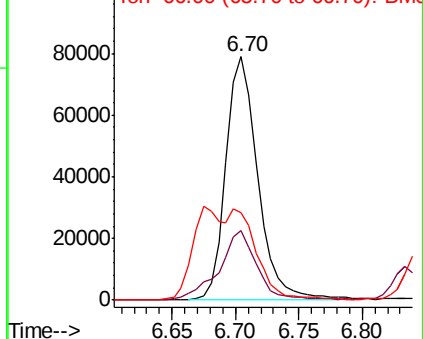
94 100

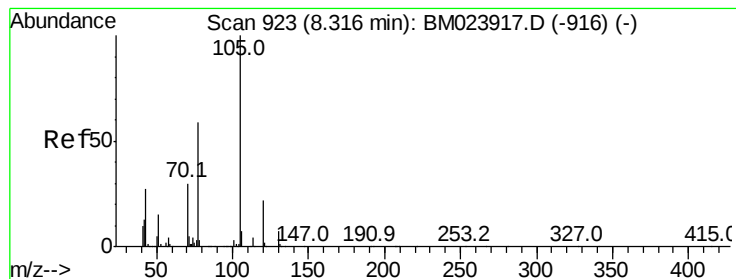
65 28.5 20.8 31.2

66 35.7 28.6 43.0



Abundance Ion 94.00 (93.70 to 94.70): BMD
Ion 65.00 (64.70 to 65.70): BMD
Ion 66.00 (65.70 to 66.70): BMD





#14

Acetophenone

Concen: 2.775 ng/ul

RT: 8.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

ClientSampleId :

C0AA4

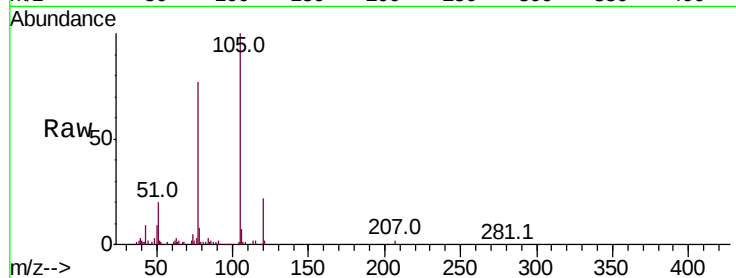
Tot Ion:105 Resp: 154808

Ion Ratio Lower Upper

105 100

77 76.6 64.2 96.2

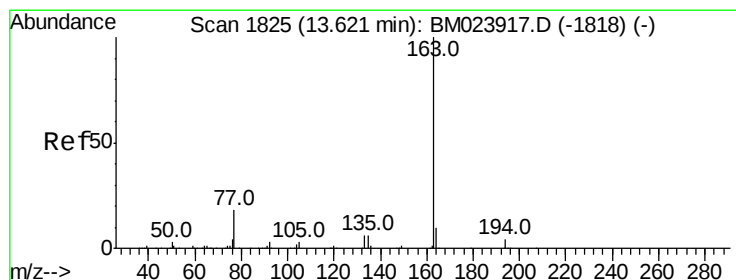
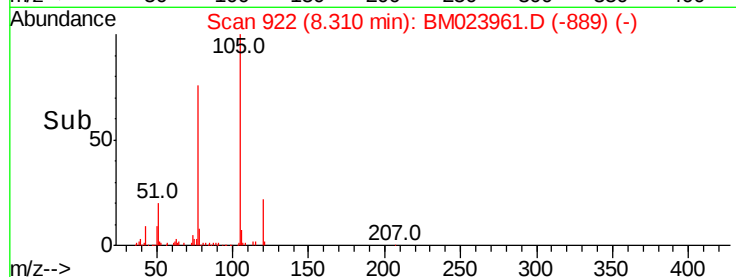
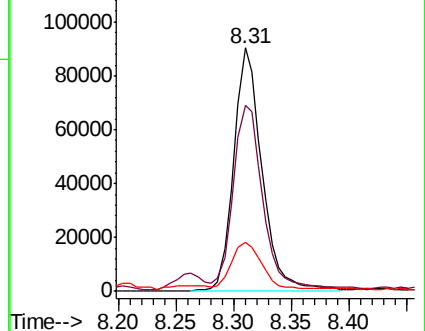
51 20.4 16.7 25.1



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#45

Dimethylphthalate

Concen: 9.090 ng/ul

RT: 13.62 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

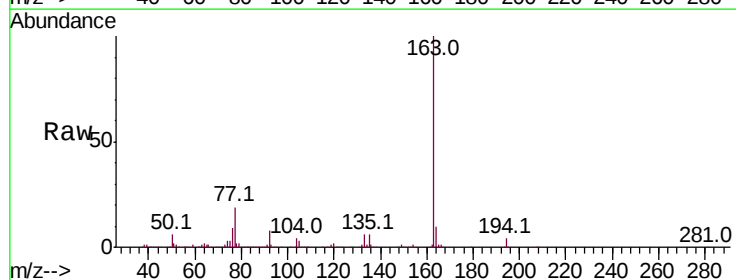
Tgt Ion:163 Resp: 912871

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

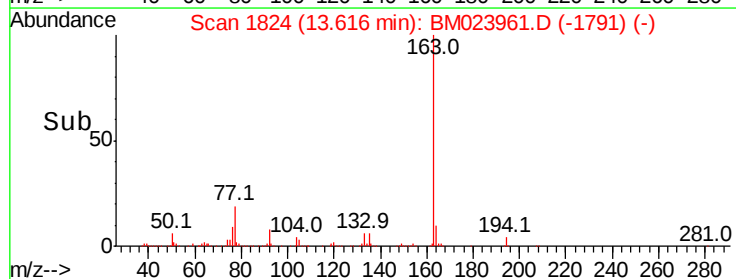
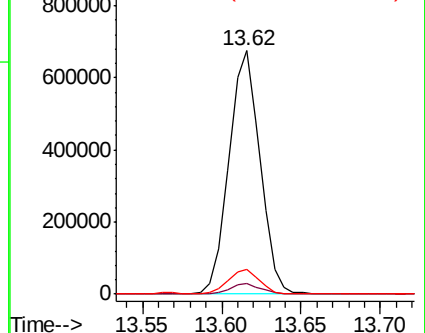
164 10.0 8.0 12.0

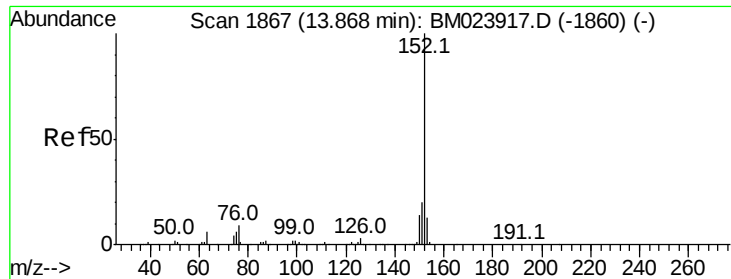


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 4.211 ng/ul

RT: 13.86 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

ClientSampleId :

C0AA4

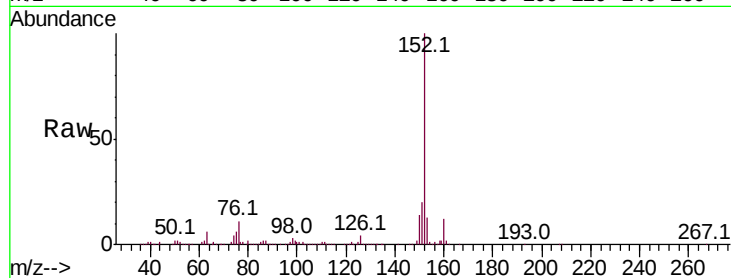
Tot Ion:152 Resp: 512049

Ion Ratio Lower Upper

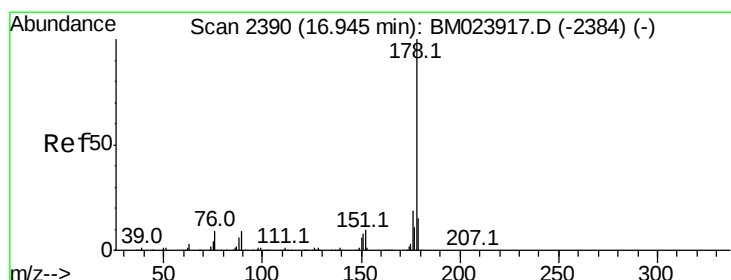
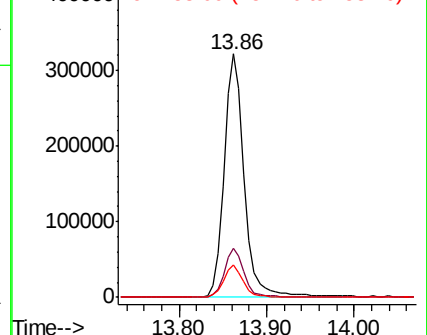
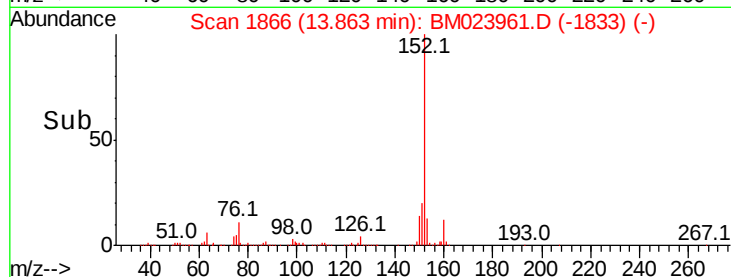
152 100

151 19.9 16.1 24.1

153 13.4 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#70

Phenanthrene

Concen: 2.193 ng/ul

RT: 16.94 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

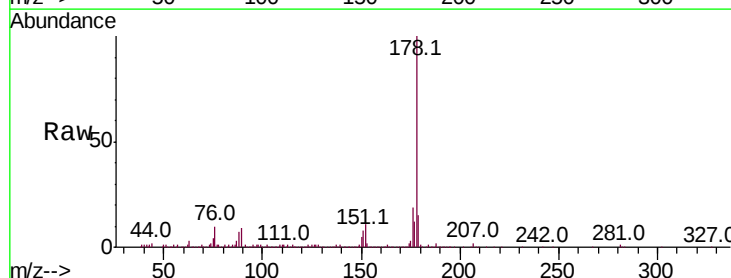
Tgt Ion:178 Resp: 332061

Ion Ratio Lower Upper

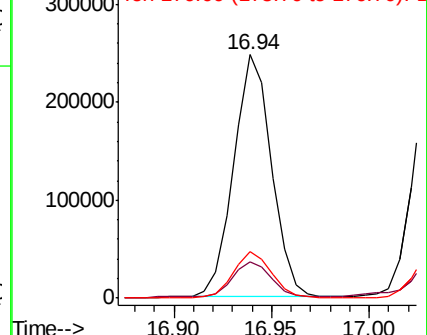
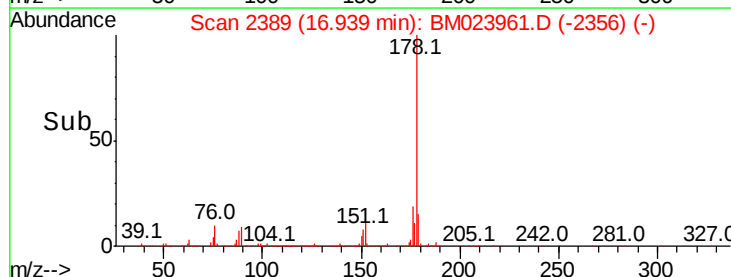
178 100

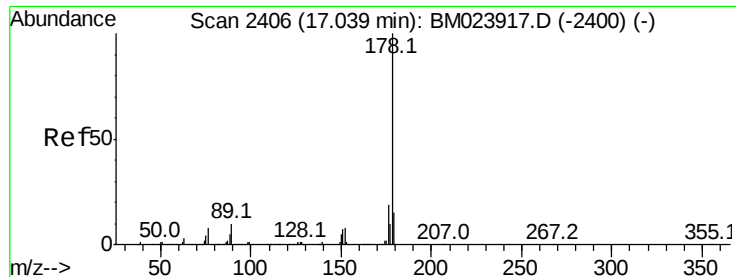
179 15.1 12.4 18.6

176 19.0 15.3 22.9



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: 2.247 ng/ul

RT: 17.03 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

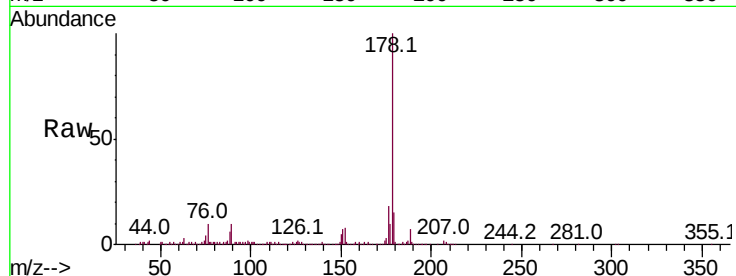
BNA_M

ClientSampleId :

C0AA4

Tot Ion:178 Resp: 345427

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.1	14.5	21.7

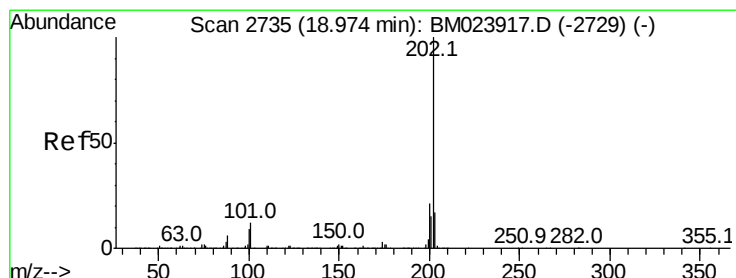
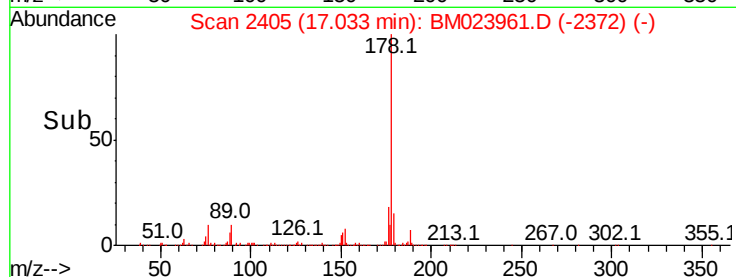
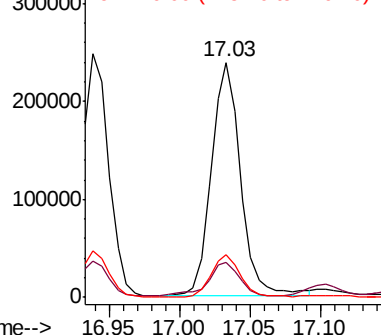


Abundance

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: 14.304 ng/ul

RT: 18.97 min Scan# 2734

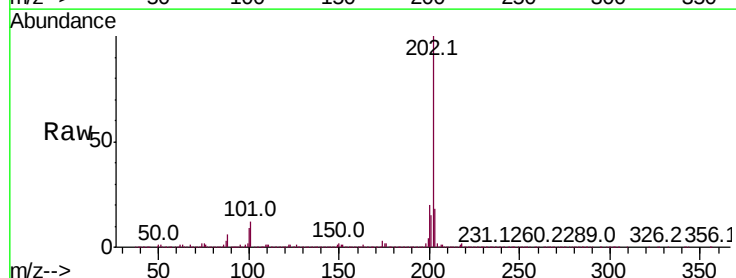
Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Tgt Ion:202 Resp: 2322646

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.6
100	8.8	7.4	11.0

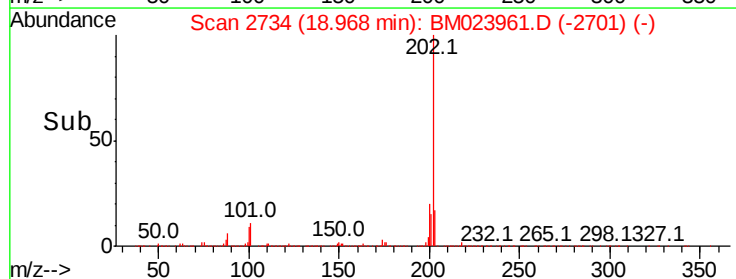
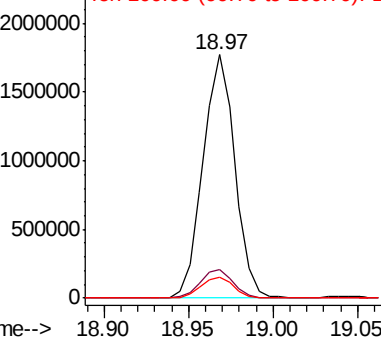


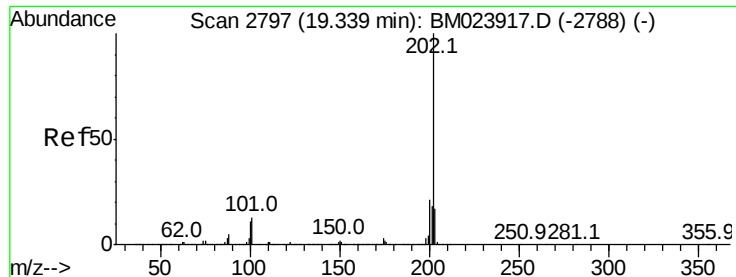
Abundance

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

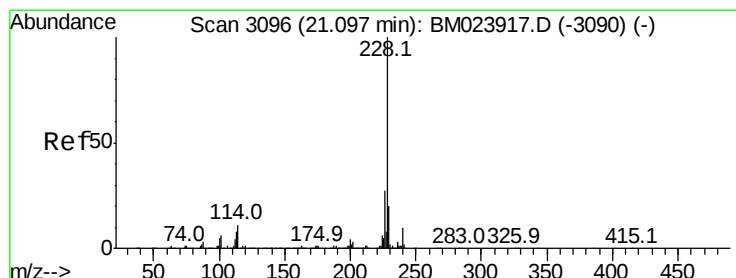
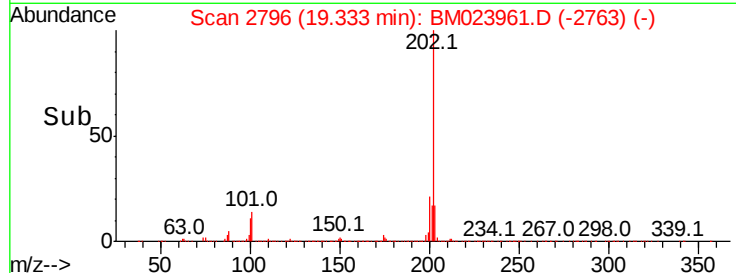
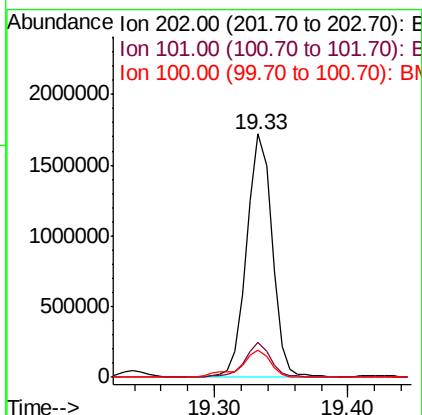
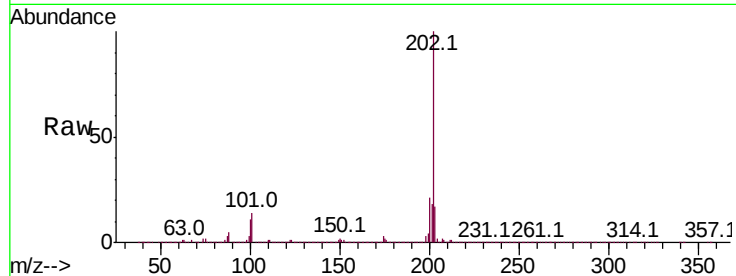




#80
Pvrene
Concen: 13.073 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM023961.D
Acq: 28 Nov 2019 20:13

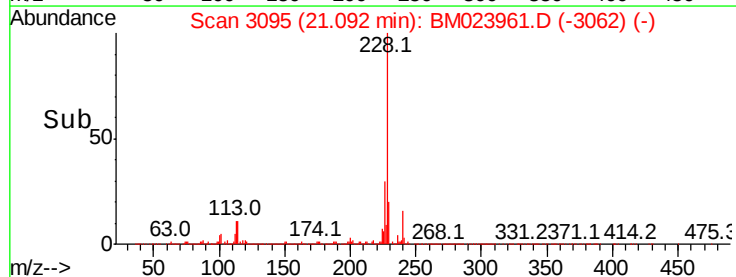
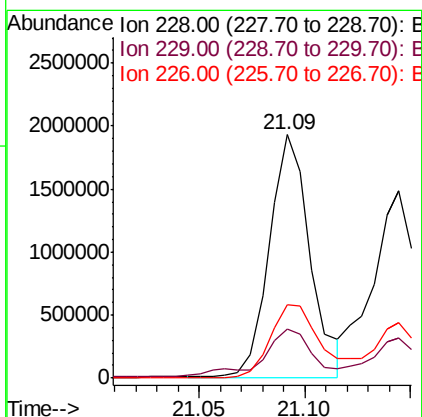
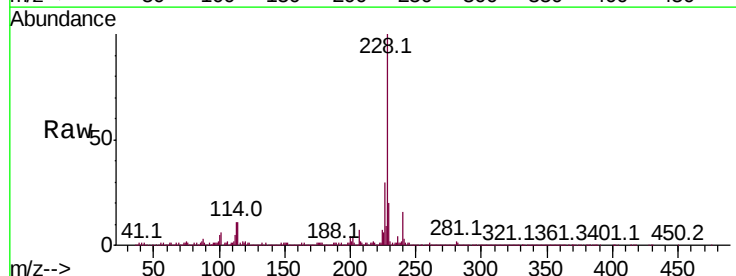
Instrument :
BNA_M
ClientSampleId :
C0AA4

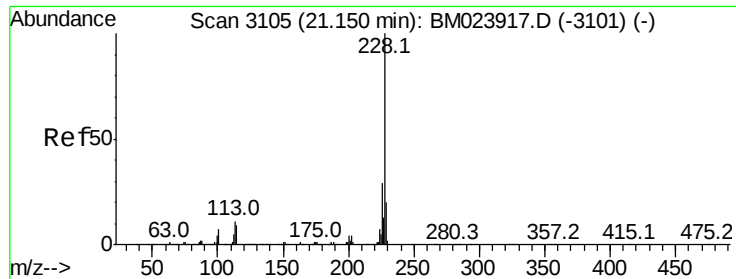
Tot Ion:202 Resp: 2247286
Ion Ratio Lower Upper
202 100
101 14.2 11.5 17.3
100 11.4 9.1 13.7



#83
Benzo(a)anthracene
Concen: 15.203 ng/ul
RT: 21.09 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM023961.D
Acq: 28 Nov 2019 20:13

Tgt Ion:228 Resp: 2592680
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 30.3 21.7 32.5





#85

Chrysene

Concen: 13.139 ng/ul

RT: 21.14 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

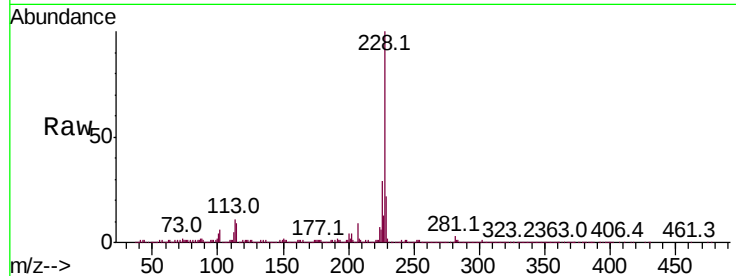
BNA_M

ClientSampleId :

C0AA4

Tot Ion:228 Resp: 2104260

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	21.6	15.6	23.4

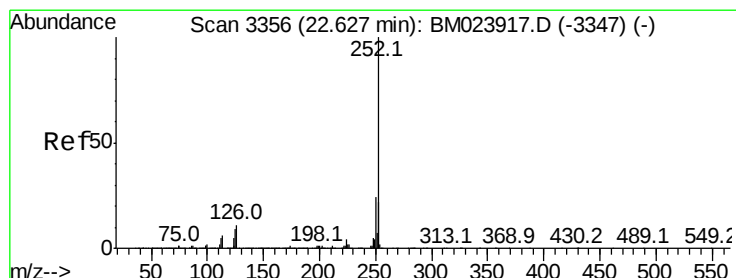
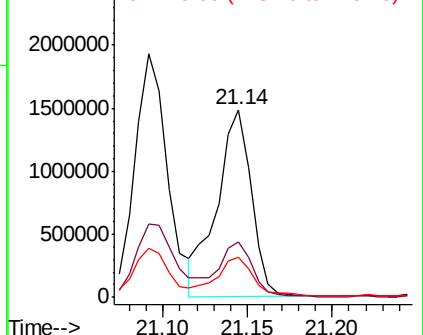
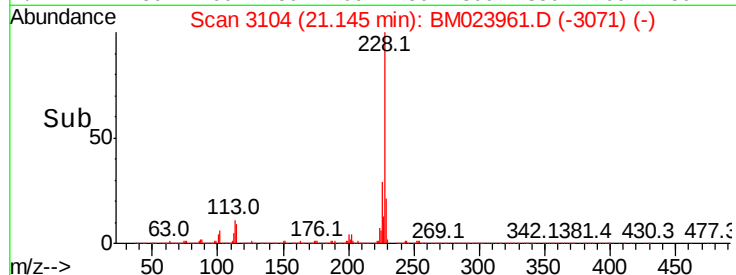


Abundance

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: 18.207 ng/ul

RT: 22.62 min Scan# 3355

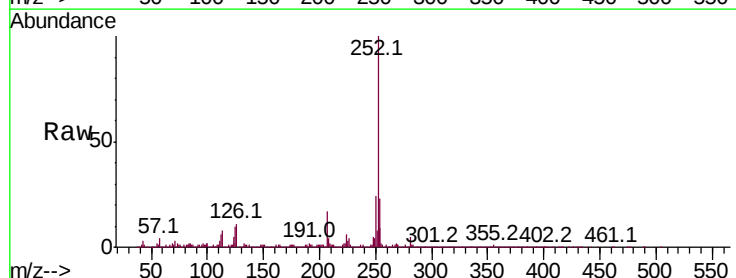
Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Tgt Ion:252 Resp: 3574597

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.6	7.1	10.7

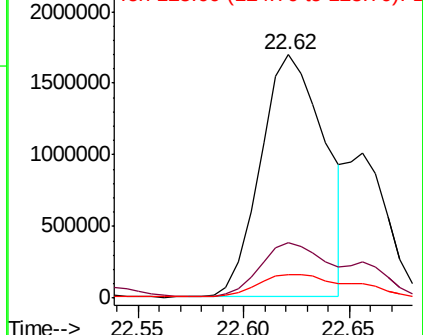
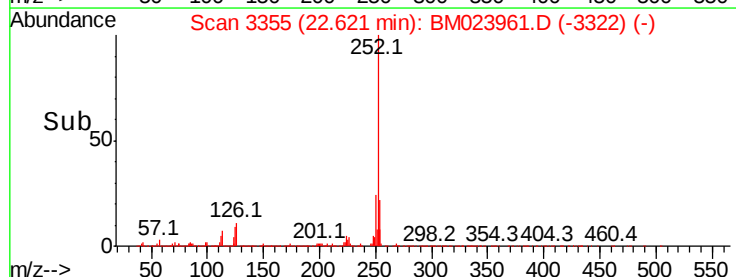


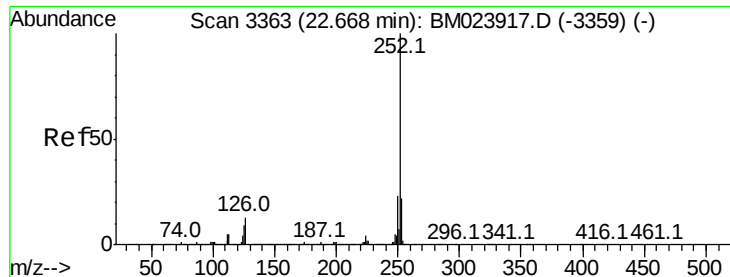
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 19.180 ng/ul

RT: 22.62 min Scan# 3355

Delta R.T. -0.05 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

ClientSampleId :

C0AA4

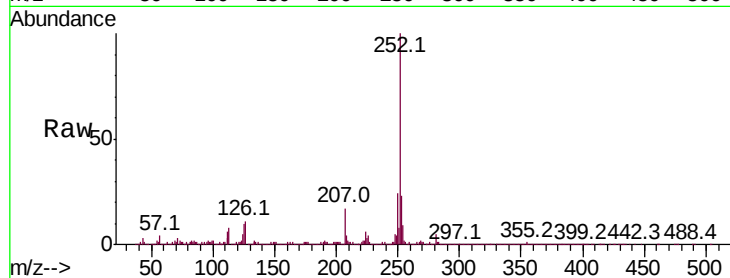
Tot Ion:252 Resp: 3574597

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

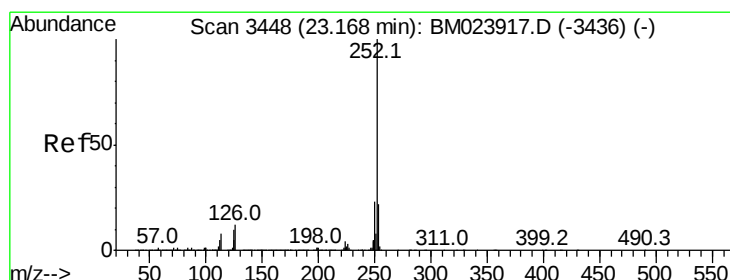
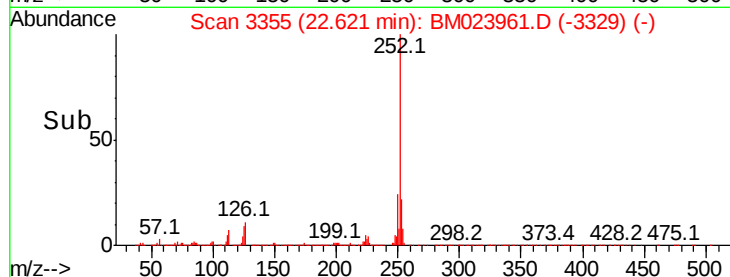
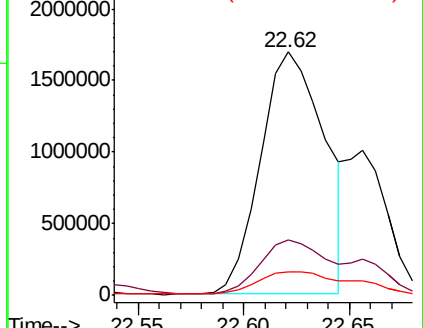
125 9.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 13.754 ng/ul

RT: 23.16 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

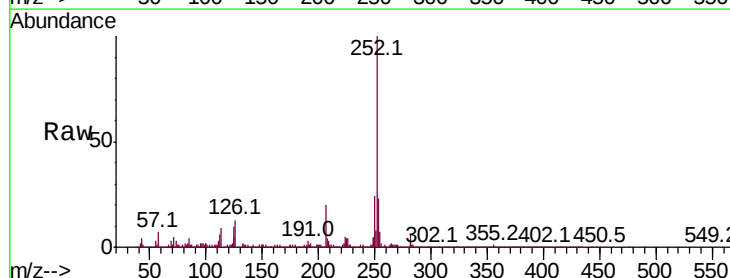
Tgt Ion:252 Resp: 2553148

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

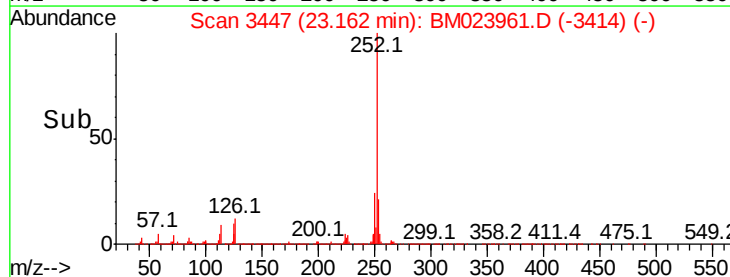
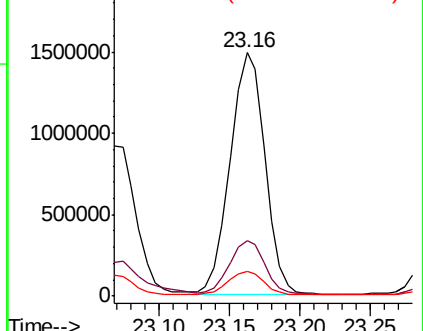
125 10.0 8.6 12.8

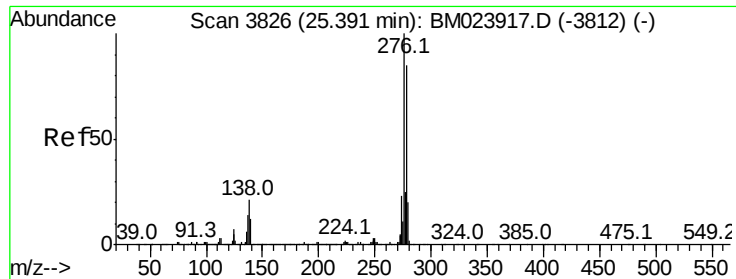


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



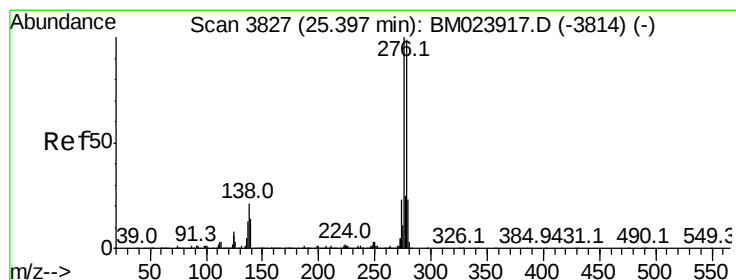
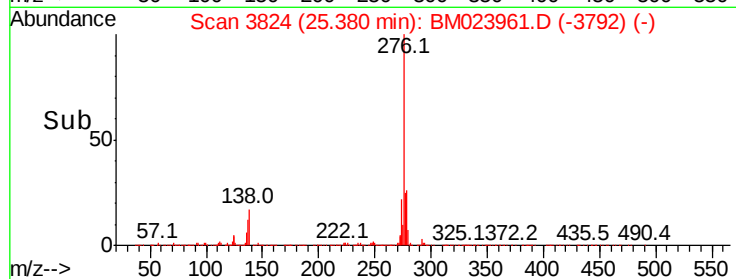
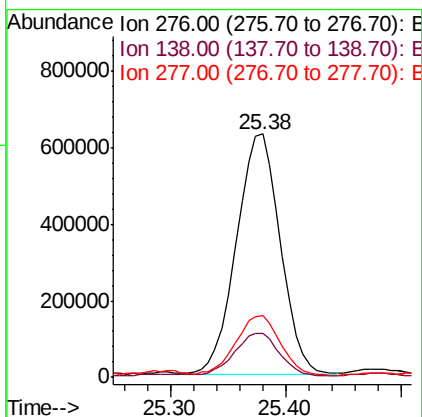
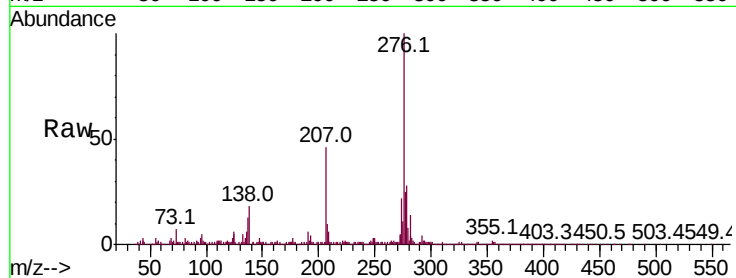


#92

Indeno(1,2,3-cd)pyrene
Concen: 7.241 ng/ul
RT: 25.38 min Scan# 3824
Delta R.T. -0.01 min
Lab File: BM023961.D
Acq: 28 Nov 2019 20:13

Instrument :
BNA_M
ClientSampleId :
C0AA4

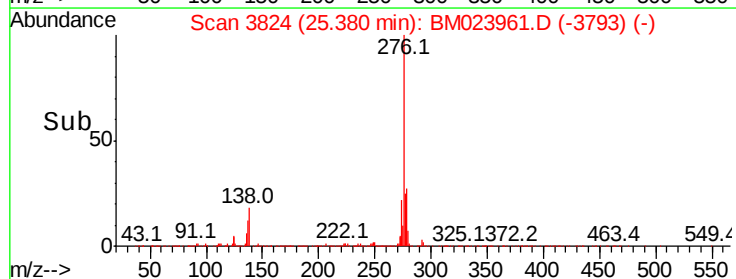
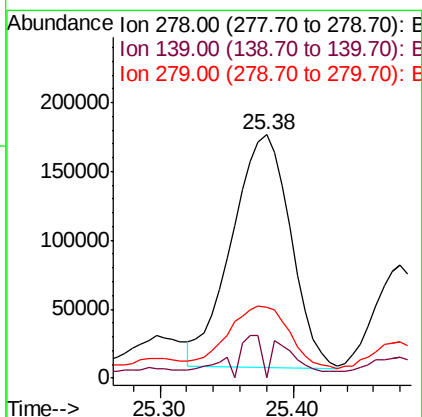
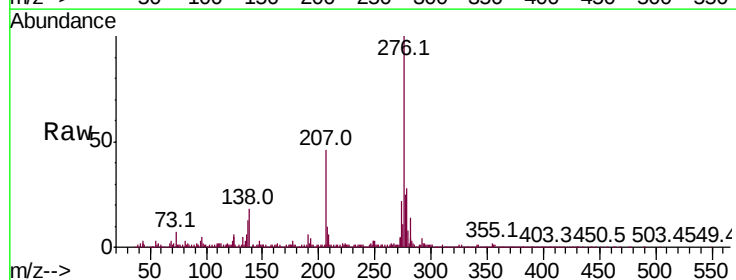
Tot Ion:276 Resp: 1668979
Ion Ratio Lower Upper
276 100
138 17.8 17.2 25.8
277 25.2 20.5 30.7

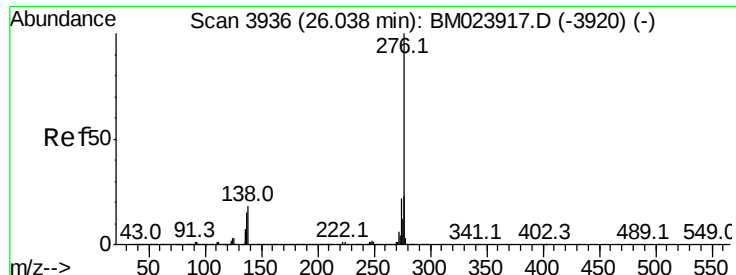


#93

Dibenzo(a,h)anthracene
Concen: 2.670 ng/ul
RT: 25.38 min Scan# 3824
Delta R.T. -0.02 min
Lab File: BM023961.D
Acq: 28 Nov 2019 20:13

Tgt Ion:278 Resp: 516869
Ion Ratio Lower Upper
278 100
139 0.0 11.0 16.4#
279 29.3 18.7 28.1#





#94

Benzo(a,h,i)perylene

Concen: 7.423 ng/ul

RT: 26.03 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BM023961.D

Acq: 28 Nov 2019 20:13

Instrument :

BNA_M

ClientSampleId :

C0AA4

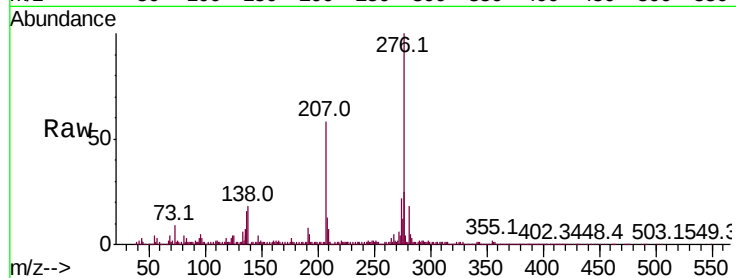
Tot Ion:276 Resp: 1433008

Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.2	21.2
277	25.0	18.8	28.2

276 100

138 18.0 14.2 21.2

277 25.0 18.8 28.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

