

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
 Data File : BM020834.D
 Acq On : 10 Jun 2019 13:55
 Operator : HP/JU
 Sample : K3017-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 11 00:22:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	237821	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	932402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	513684	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1128740	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1039323	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1194869	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	20989	4.21	ng/uL	0.00
5) Phenol-d5	6.97	99	417839	22.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	273558	25.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	358641	24.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	295031	20.15	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	171937	27.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	182722	27.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	362107	26.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	725	0.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1076650	28.33	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1335895	27.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	125656	19.27	ng/ul	0.00
57) Fluorene-d10	15.44	176	907179	28.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	102798	17.81	ng/ul	0.00
70) Anthracene-d10	17.29	188	1314993	26.67	ng/ul	0.00
78) Pyrene-d10	19.58	212	1422466	28.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1491342	27.46	ng/ul	0.00

Target Compounds

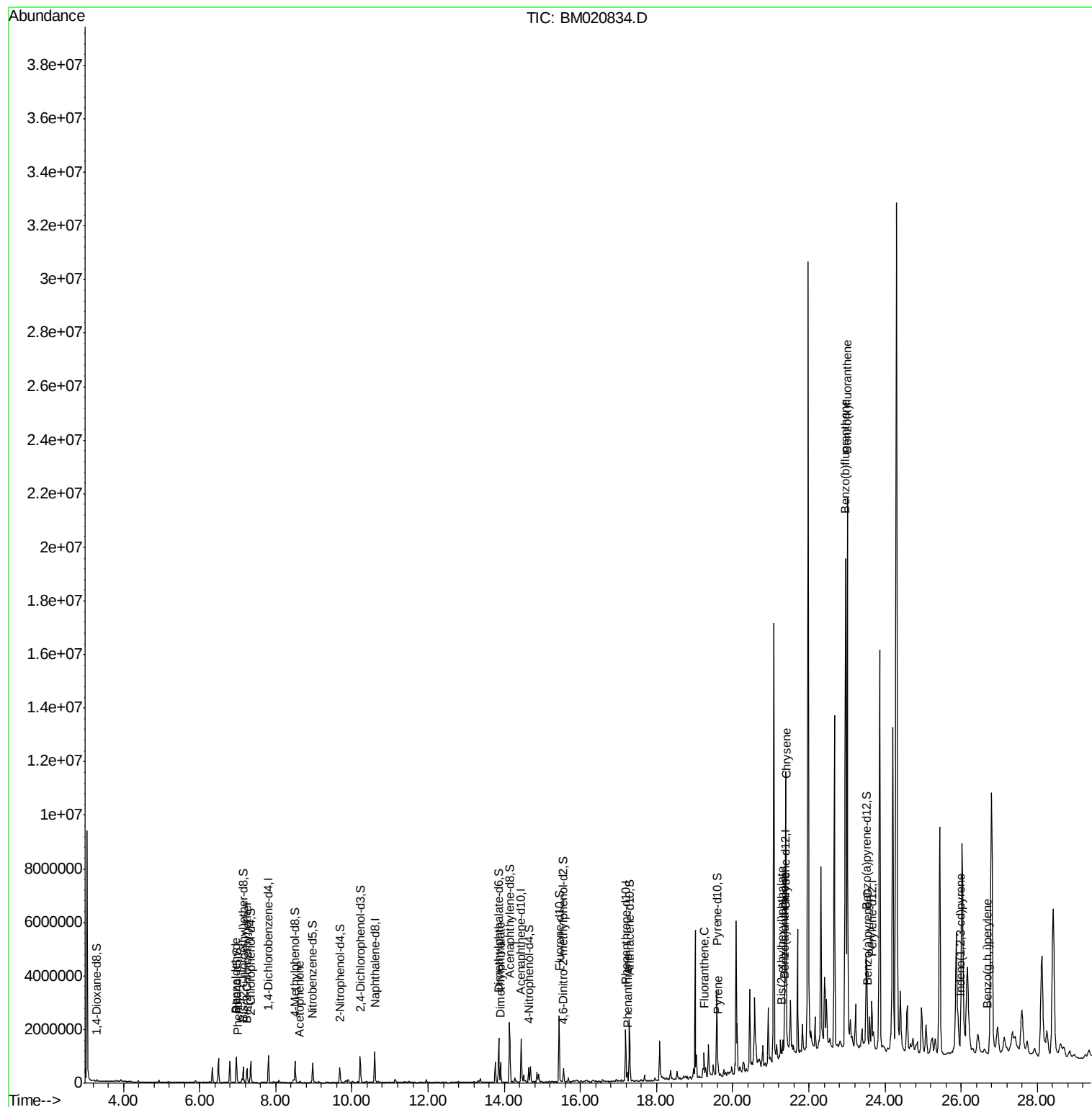
					Ovalue	
4) Benzaldehyde	6.96	77	114717	8.367	ng/ul	98
6) Phenol	7.00	94	32841	1.753	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.25	93	210420	14.479	ng/ul#	23
14) Acetophenone	8.63	105	34466	1.524	ng/ul	95
44) Dimethylphthalate	13.90	163	499869	13.138	ng/ul	99
69) Phenanthrene	17.23	178	182979	3.221	ng/ul	97
76) Fluoranthene	19.24	202	372608	5.724	ng/ul	99
79) Pyrene	19.61	202	332606	5.184	ng/ul	100
82) Benzo(a)anthracene	21.35	228	128420	1.981	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.28	149	109650	2.486	ng/ul	100
84) Chrysene	21.40	228	208144	3.460	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	287426	4.135	ng/ul#	4
88) Benzo(k)fluoranthene	23.01	252	119582	1.800	ng/ul#	1
90) Benzo(a)pyrene	23.55	252	161223	2.438	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.97	276	128904	1.650	ng/ul	94
93) Benzo(g,h,i)perylene	26.68	276	123377	1.947	ng/ul	99

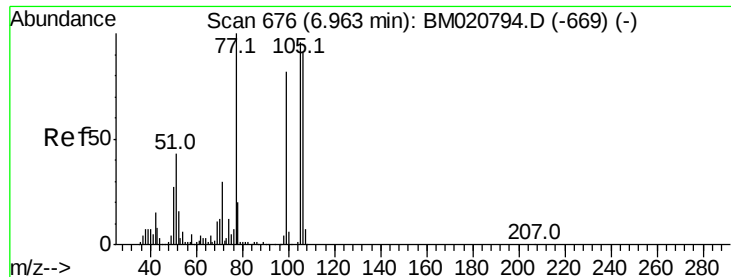
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 8.367 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM020834.D

Acq: 10 Jun 2019 13:55

Instrument :

BNA_M

ClientSampleId :

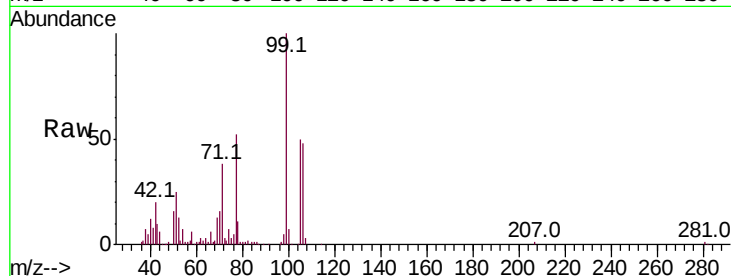
Tot Ion: 77 Resp: 114717

Ion Ratio Lower Upper

77 100

105 95.0 74.7 112.1

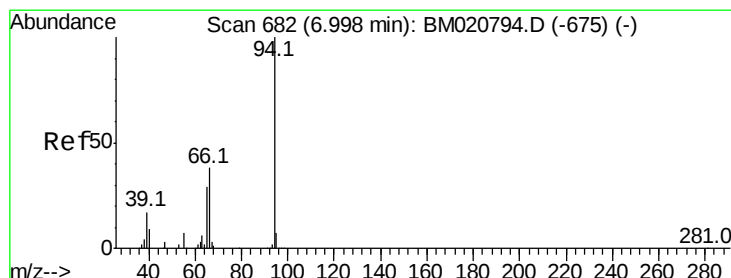
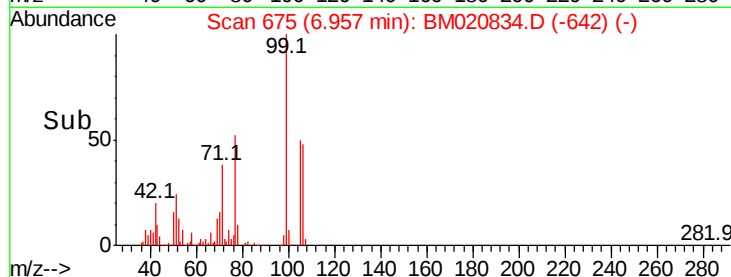
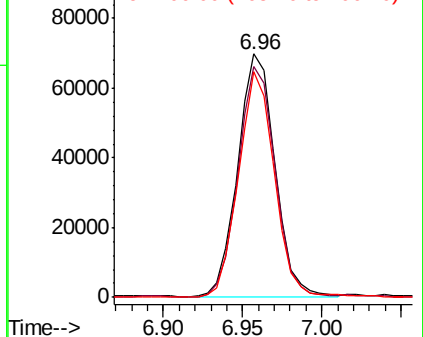
106 92.6 72.3 108.5



Abundance Ion 77.00 (76.70 to 77.70): BM020834.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM020834.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM020834.D (-642) (-)



#6

Phenol

Concen: 1.753 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM020834.D

Acq: 10 Jun 2019 13:55

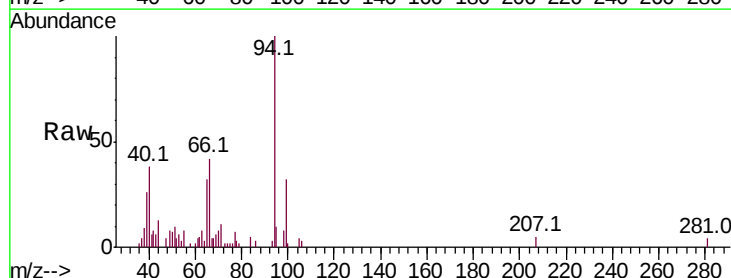
Tgt Ion: 94 Resp: 32841

Ion Ratio Lower Upper

94 100

65 32.2 23.3 34.9

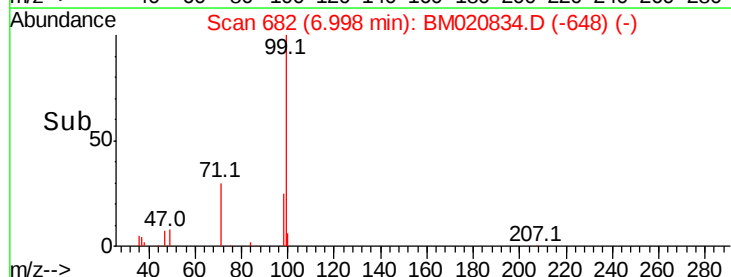
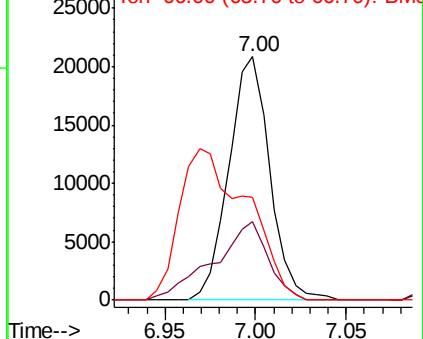
66 42.0 32.1 48.1

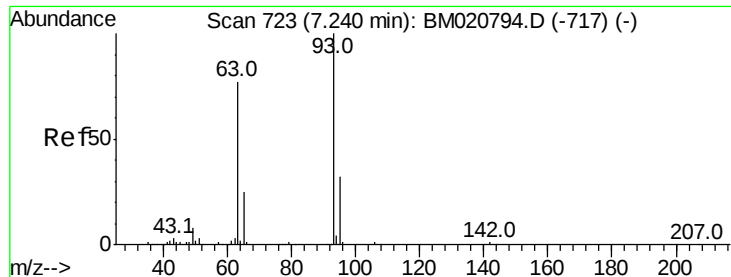


Abundance Ion 94.00 (93.70 to 94.70): BM020834.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM020834.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM020834.D (-648) (-)



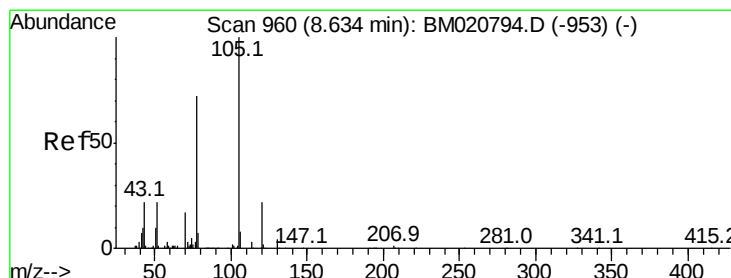
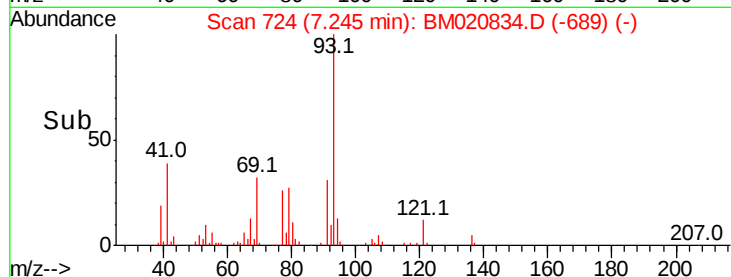
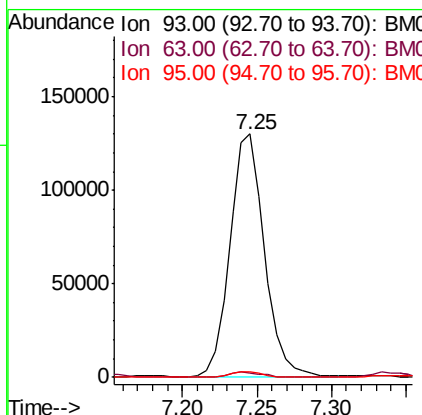
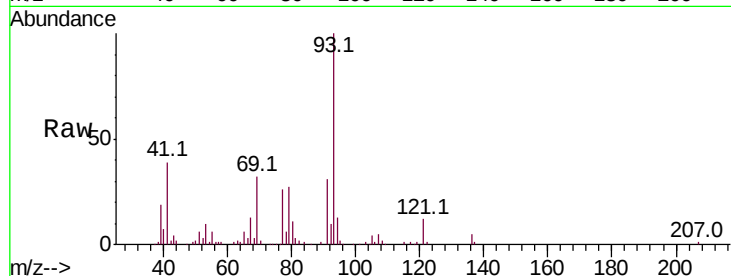


#8

Bis(2-Chloroethyl)ether
 Concen: 14.479 ng/ul
 RT: 7.25 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BM020834.D
 Acq: 10 Jun 2019 13:55

Instrument :
 BNA_M
 ClientSampleId :

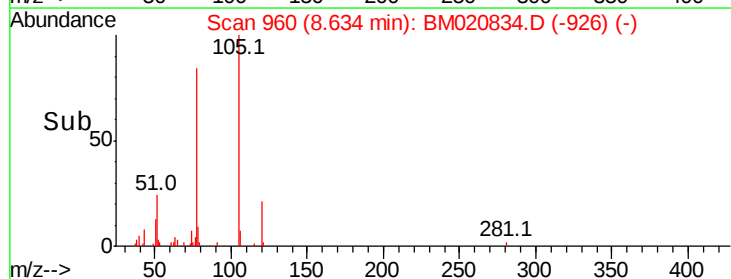
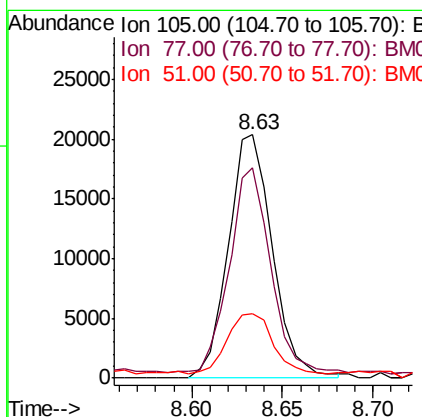
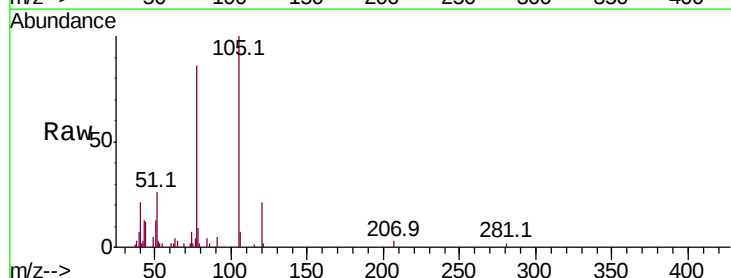
Tot Ion: 93 Resp: 210420
 Ion Ratio Lower Upper
 93 100
 63 2.0 61.8 92.6#
 95 2.1 25.4 38.2#

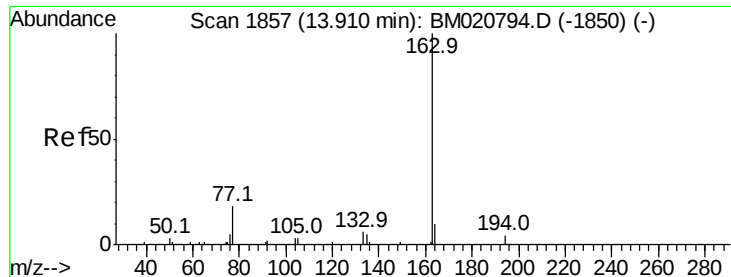


#14

Acetophenone
 Concen: 1.524 ng/ul
 RT: 8.63 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BM020834.D
 Acq: 10 Jun 2019 13:55

Tgt Ion: 105 Resp: 34466
 Ion Ratio Lower Upper
 105 100
 77 86.3 64.6 97.0
 51 26.5 21.4 32.2

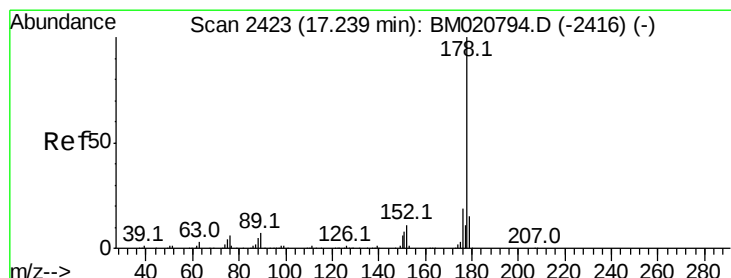
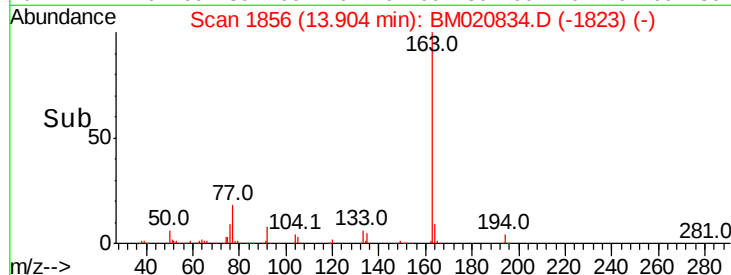
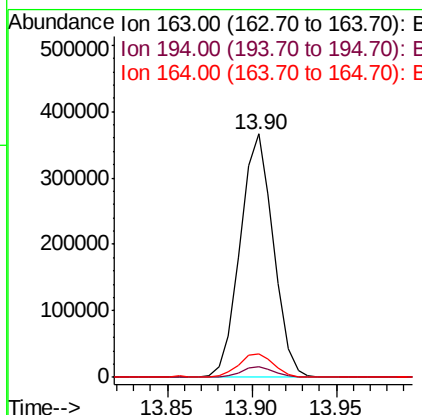
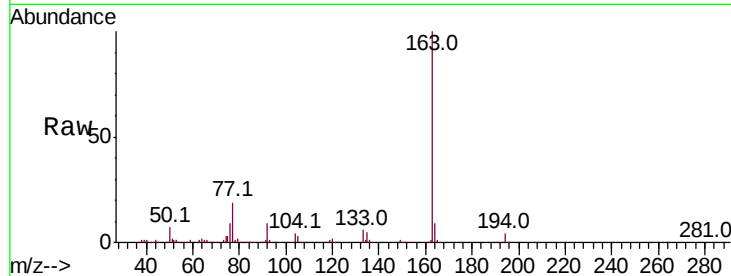




#44
Dimethylphthalate
Concen: 13.138 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020834.D
Acq: 10 Jun 2019 13:55

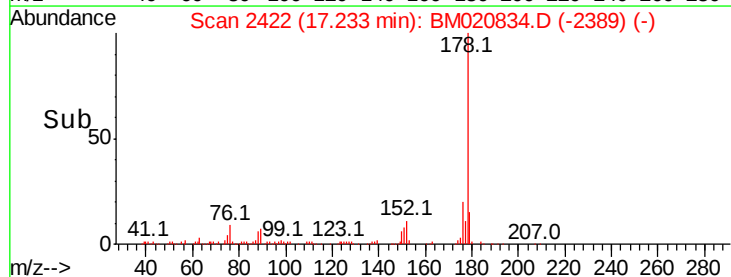
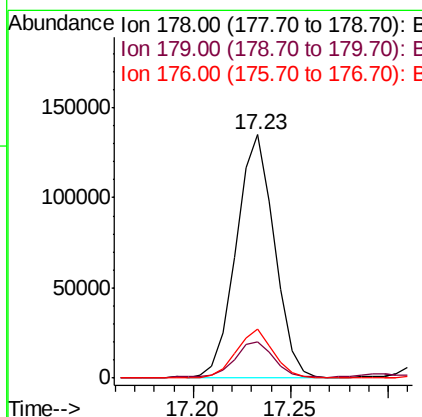
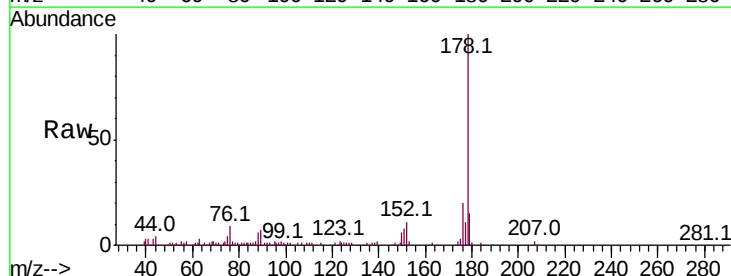
Instrument :
BNA_M
ClientSampleId :

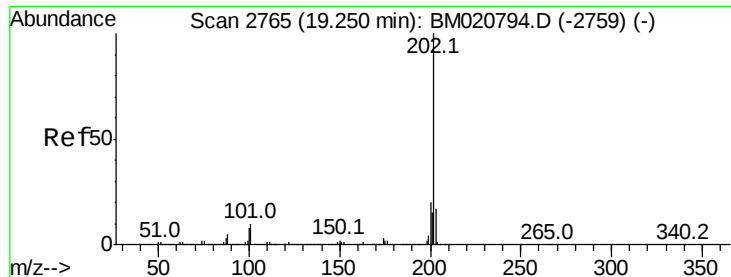
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.5	8.0	12.0



#69
Phenanthrene
Concen: 3.221 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM020834.D
Acq: 10 Jun 2019 13:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	20.2	14.8	22.2





#76

Fluoranthene

Concen: 5.724 ng/ul

RT: 19.24 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BM020834.D

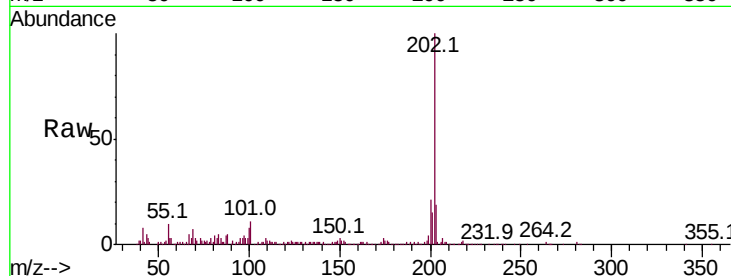
Acq: 10 Jun 2019 13:55

Instrument :

BNA_M

ClientSampleId :

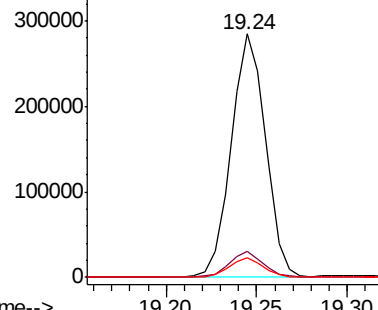
Tot Ion:	202	Resp:	372608
Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.9	11.9
100	7.9	6.2	9.4



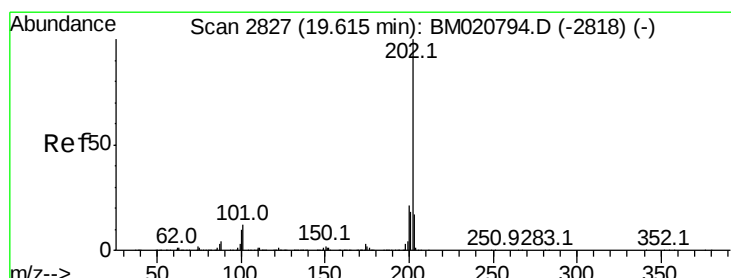
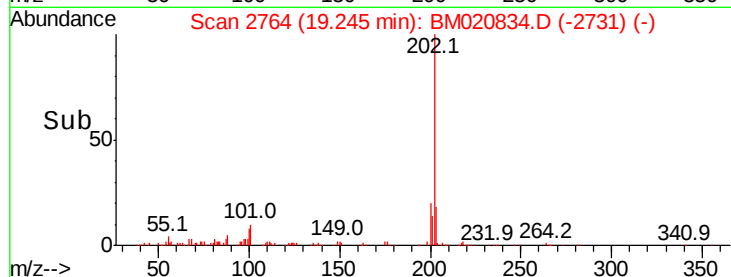
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 5.184 ng/ul

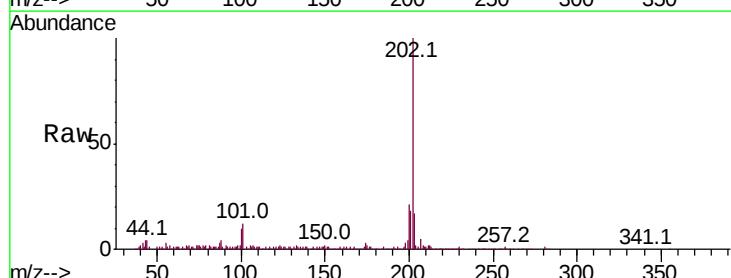
RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM020834.D

Acq: 10 Jun 2019 13:55

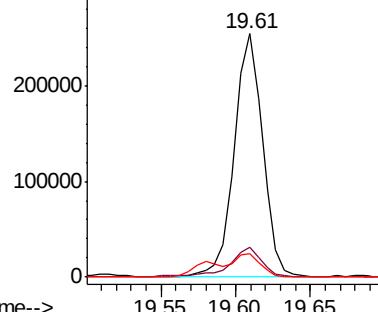
Tgt Ion:	202	Resp:	332606
Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
100	9.6	8.0	12.0



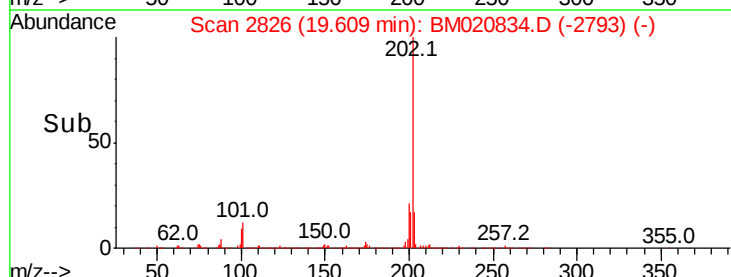
Abundance Ion 202.00 (201.70 to 202.70): E

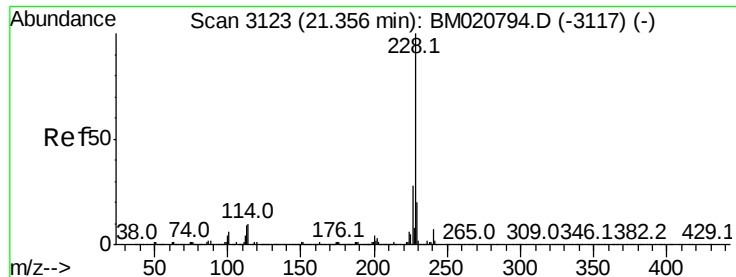
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#82

Benzo(a)anthracene

Concen: 1.981 ng/ul

RT: 21.35 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BM020834.D

Acq: 10 Jun 2019 13:55

Instrument :

BNA_M

ClientSampleId :

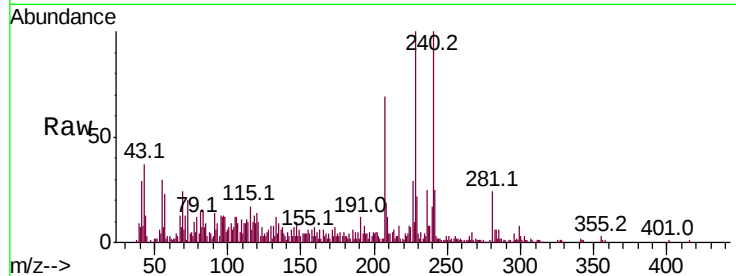
Tot Ion:228 Resp: 128420

Ion Ratio Lower Upper

228 100

229 21.6 15.6 23.4

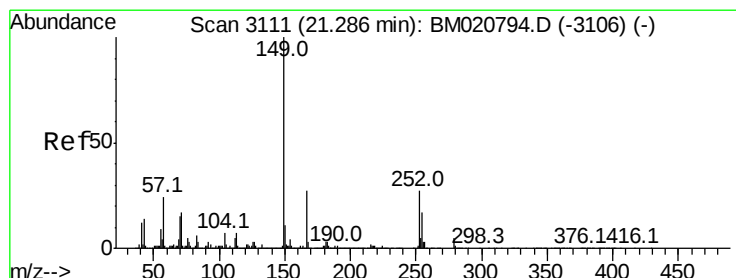
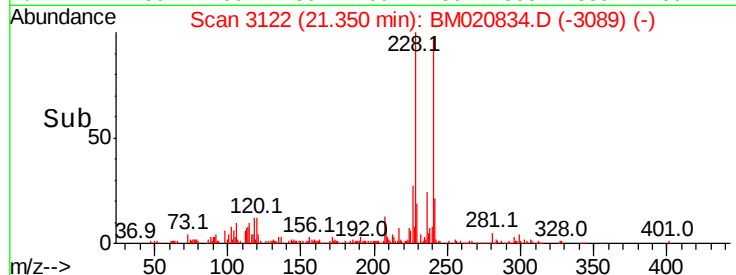
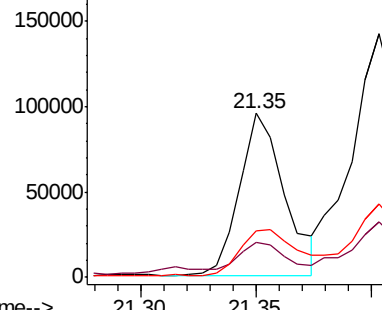
226 28.7 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.486 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020834.D

Acq: 10 Jun 2019 13:55

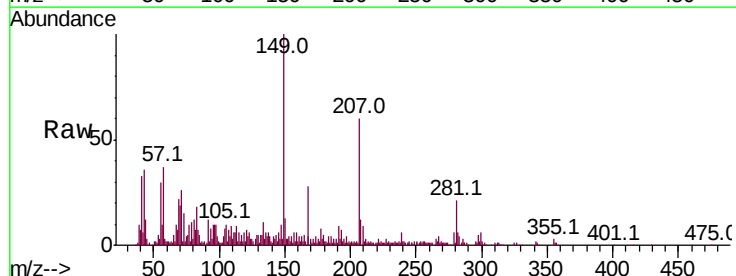
Tgt Ion:149 Resp: 109650

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

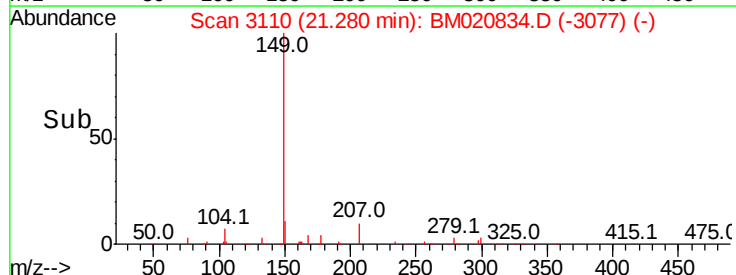
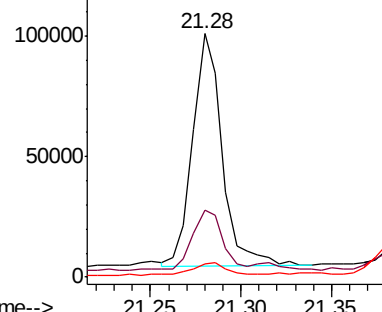
279 5.6 4.1 6.1

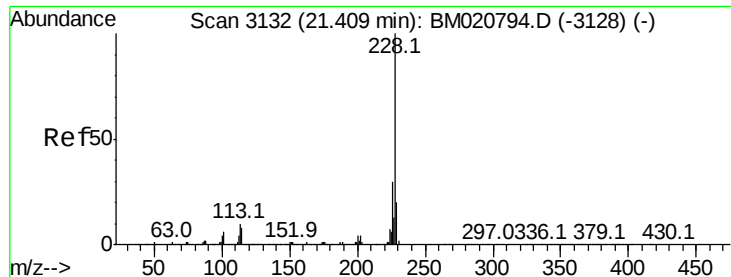


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 3.460 ng/ul

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM020834.D

Acq: 10 Jun 2019 13:55

Instrument :

BNA_M

ClientSampled :

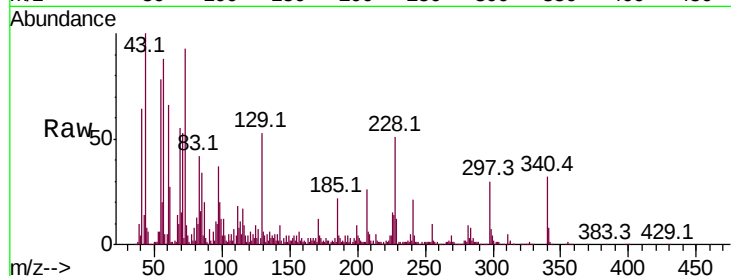
Tot Ion:228 Resp: 208144

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

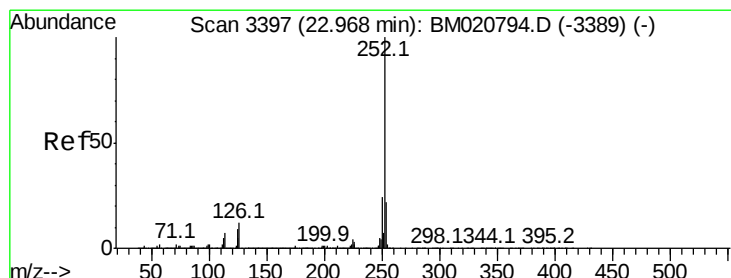
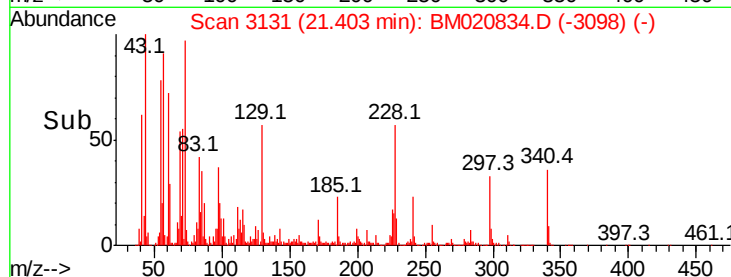
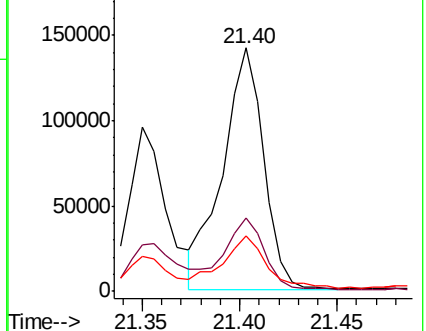
229 22.8 16.2 24.2



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



#87

Benzo(b)fluoranthene

Concen: 4.135 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM020834.D

Acq: 10 Jun 2019 13:55

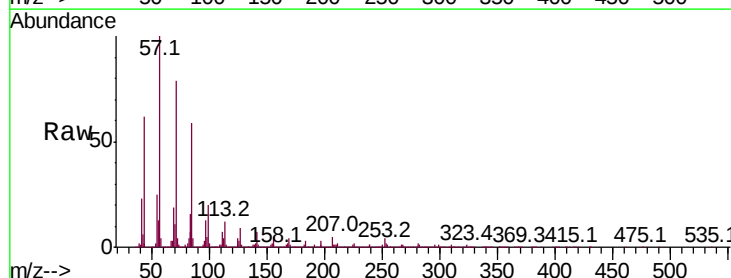
Tgt Ion:252 Resp: 287426

Ion Ratio Lower Upper

252 100

253 46.2 17.6 26.4#

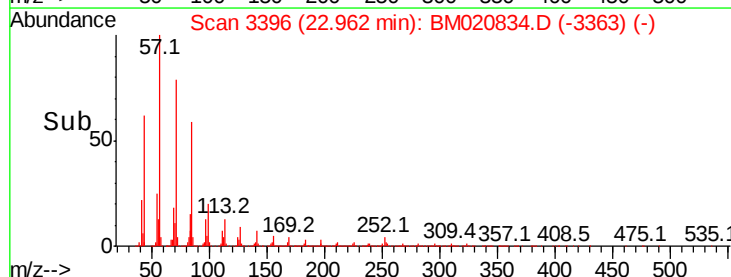
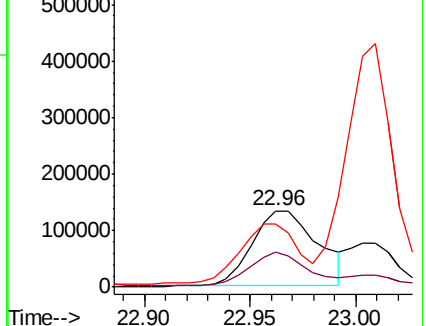
125 83.7 7.3 10.9#

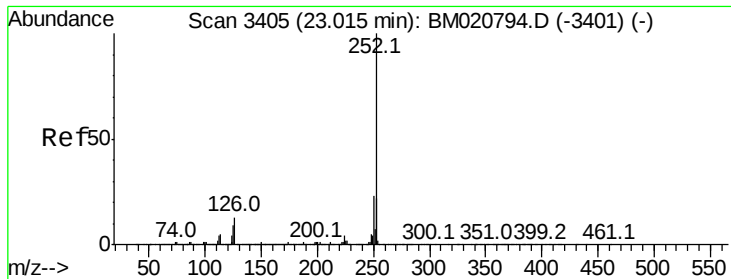


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.800 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM020834.D

Acq: 10 Jun 2019 13:55

Instrument :

BNA_M

ClientSampled :

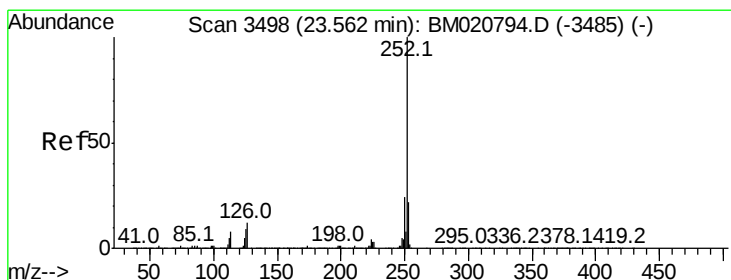
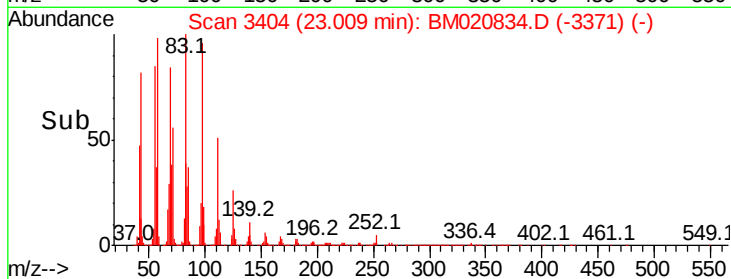
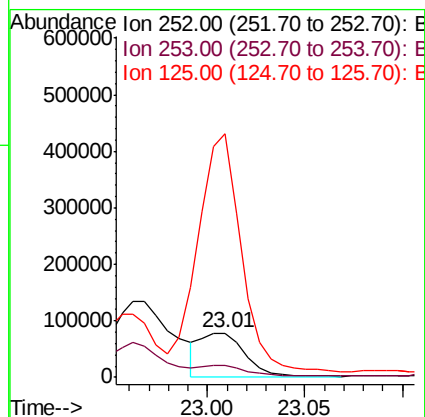
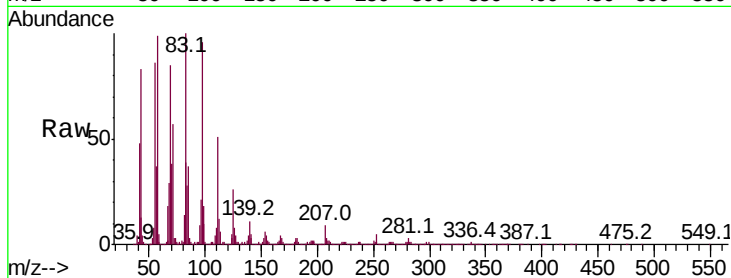
Tot Ion:252 Resp: 119582

Ion Ratio Lower Upper

252 100

253 26.4 17.6 26.4#

125 546.8 7.3 10.9#



#90

Benzo(a)pyrene

Concen: 2.438 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020834.D

Acq: 10 Jun 2019 13:55

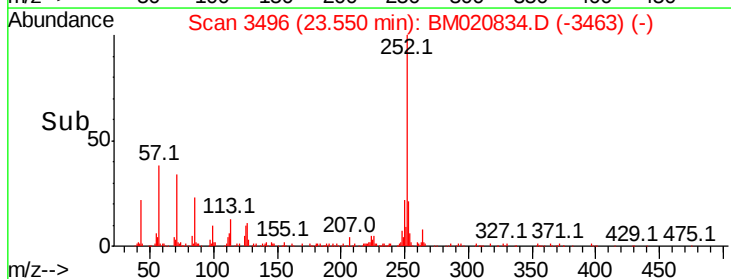
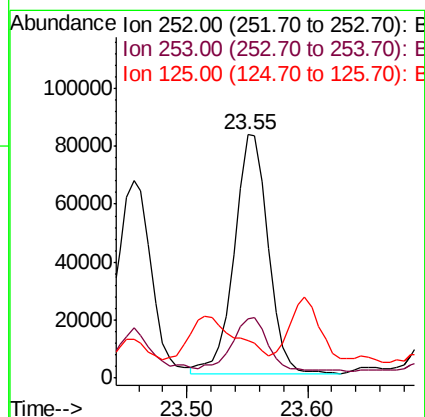
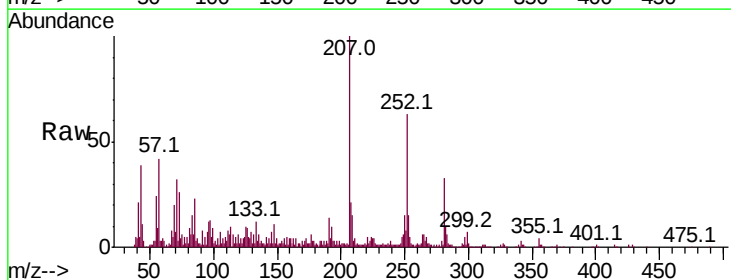
Tgt Ion:252 Resp: 161223

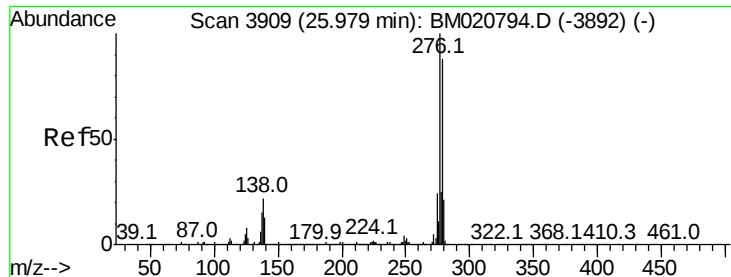
Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.6

125 15.6 8.2 12.4#



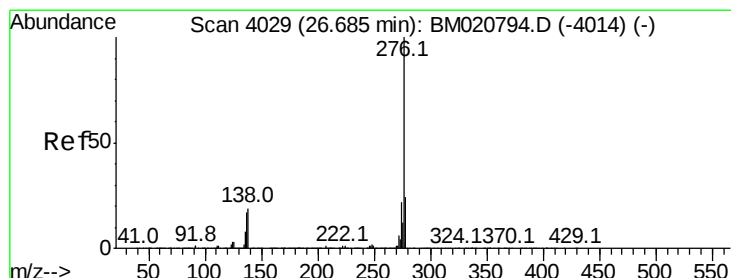
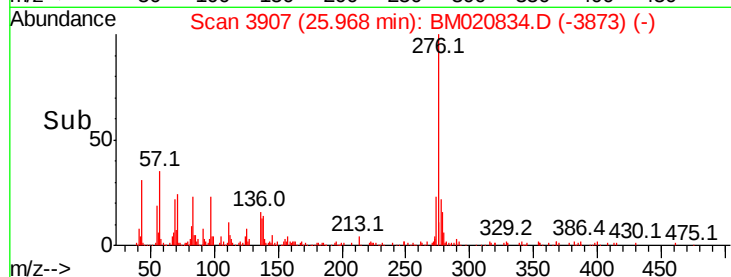
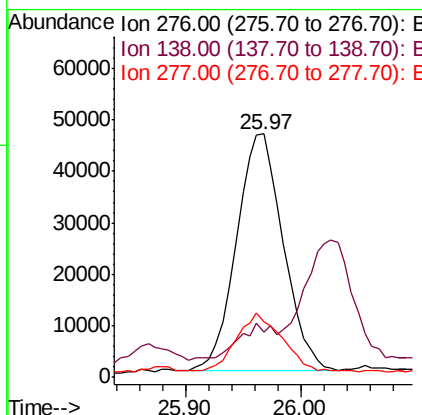
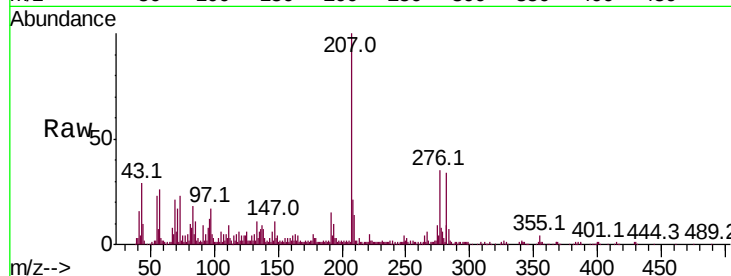


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.650 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. 0.00 min
Lab File: BM020834.D
Acq: 10 Jun 2019 13:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.8	26.8
277	23.0	20.0	30.0



#93

Benzo(g,h,i)perylene
Concen: 1.947 ng/ul
RT: 26.68 min Scan# 4028
Delta R.T. -0.01 min
Lab File: BM020834.D
Acq: 10 Jun 2019 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.6	25.0
277	24.7	19.6	29.4

