

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023834.D
 Acq On : 21 Nov 2019 18:07
 Operator : JU
 Sample : K5851-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

Quant Time: Nov 22 06:04:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 21 16:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	310083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1255143	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	767002	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1634172	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1565899	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1963331	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	25463	3.38	ng/uL	0.00
5) Phenol-d5	6.70	99	521559	18.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	297586	18.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	427751	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	396083	17.57	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	198888	22.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	212096	22.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	416412	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	443589	18.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1245896	20.83	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1532578	22.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	132455	12.97	ng/ul	0.00
58) Fluorene-d10	15.17	176	1156901	21.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	74091	7.84	ng/ul	0.00
71) Anthracene-d10	17.02	188	1782515	22.99	ng/ul	0.00
79) Pyrene-d10	19.33	212	1943571	23.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2380703	23.04	ng/ul	0.00

Target Compounds

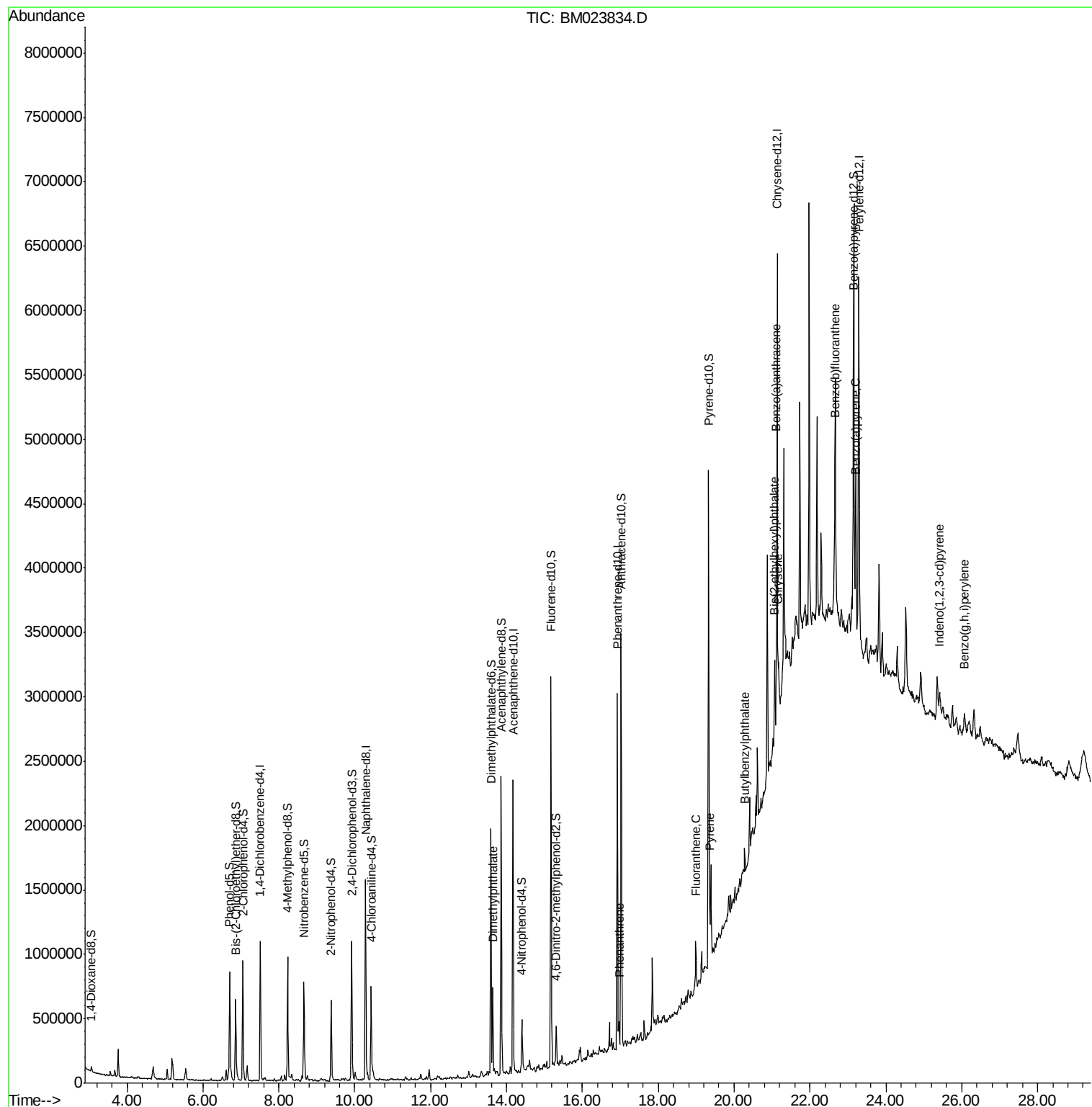
					Ovalue	
45) Dimethylphthalate	13.64	163	442000	7.541	ng/ul	100
70) Phenanthrene	16.97	178	114158	1.268	ng/ul	97
77) Fluoranthene	18.99	202	226230	2.346	ng/ul	97
80) Pyrene	19.36	202	261701	2.586	ng/ul	97
81) Butylbenzylphthalate	20.28	149	47781	1.490	ng/ul	93
83) Benzo(a)anthracene	21.11	228	151830	1.470	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.07	149	230675	4.766	ng/ul	100
85) Chrysene	21.17	228	226820	2.333	ng/ul#	92
88) Benzo(b)fluoranthene	22.65	252	345095	2.757	ng/ul#	81
91) Benzo(a)pyrene	23.19	252	161899	1.413	ng/ul#	67
92) Indeno(1,2,3-cd)pyrene	25.42	276	164712	1.344	ng/ul#	92
94) Benzo(g,h,i)perylene	26.07	276	177062	1.784	ng/ul#	91

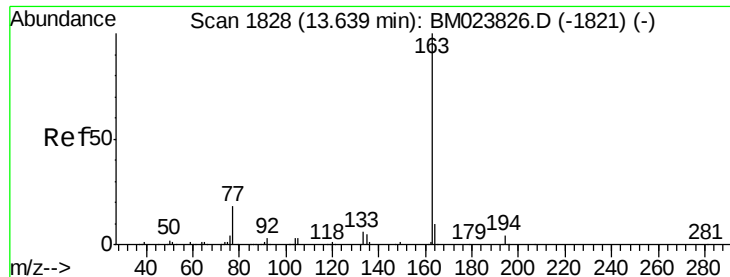
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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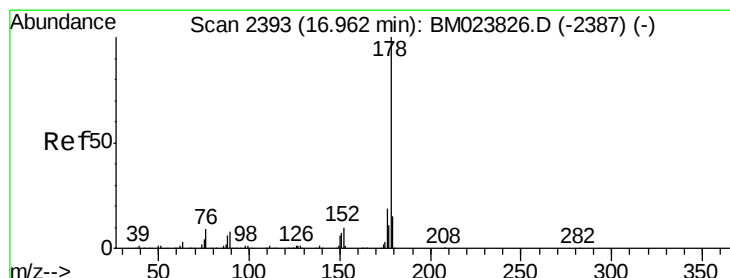
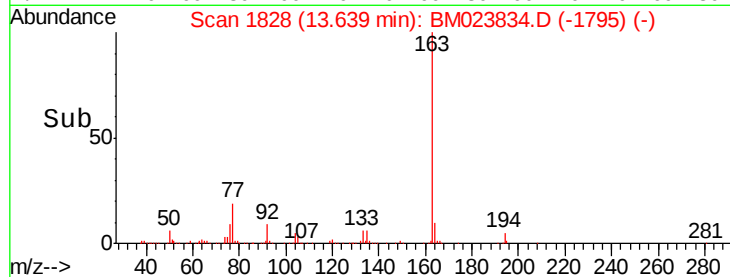
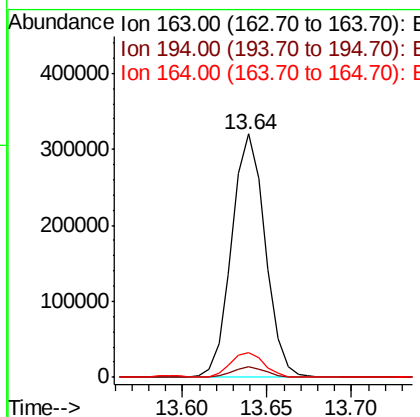
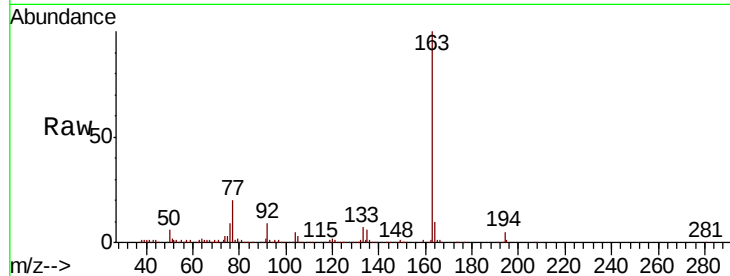




#45
Dimethylphthalate
Concen: 7.541 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

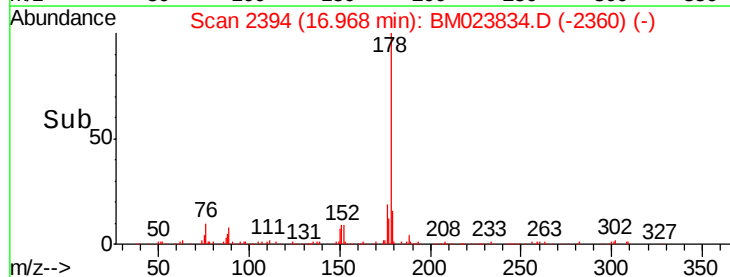
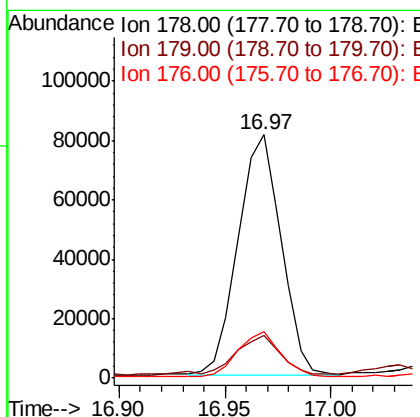
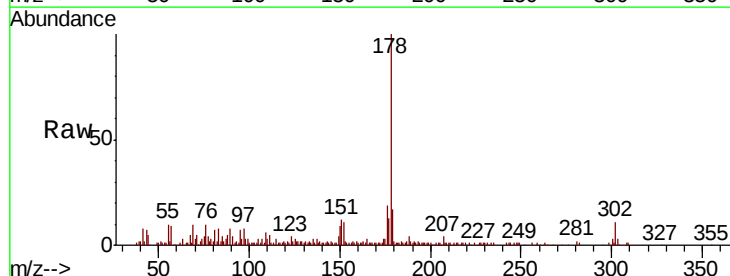
Instrument :
BNA_M
ClientSampleId :
C0AA6

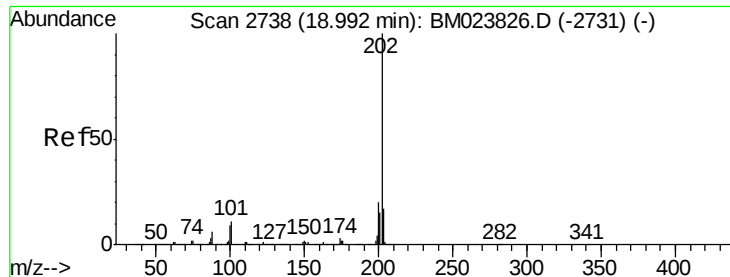
Tot Ion:163 Resp: 442000
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.0 8.0 12.0



#70
Phenanthrene
Concen: 1.268 ng/ul
RT: 16.97 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Tgt Ion:178 Resp: 114158
Ion Ratio Lower Upper
178 100
179 17.5 12.3 18.5
176 19.1 15.0 22.6

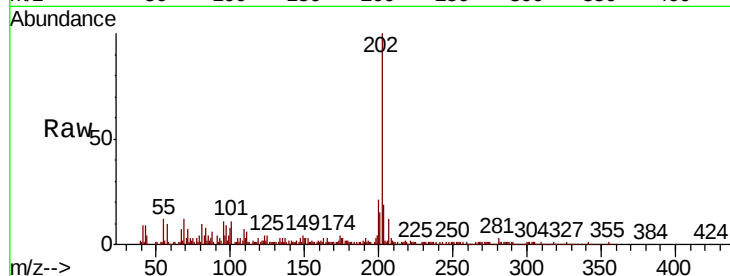




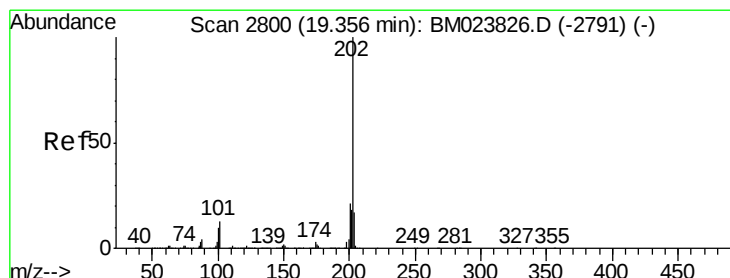
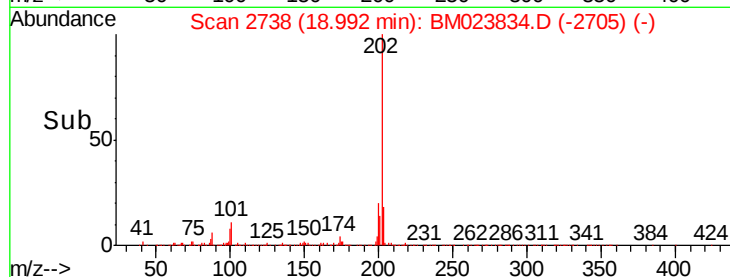
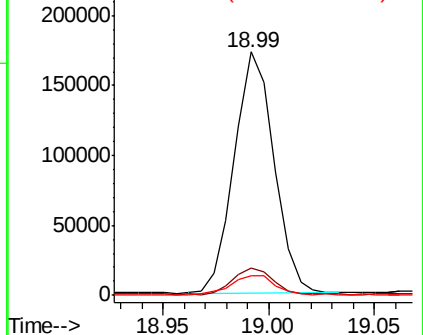
#77
Fluoranthene
 Concen: 2.346 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BM023834.D
 Acq: 21 Nov 2019 18:07

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.7	11.5
100	7.9	6.0	9.0

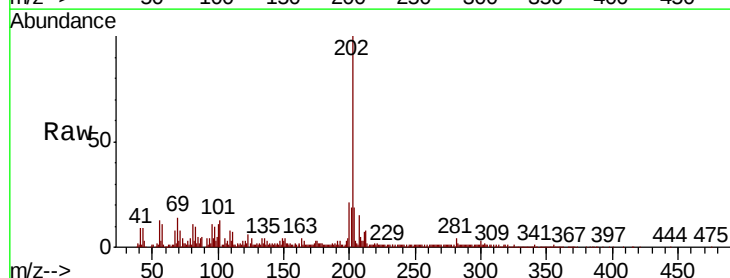


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

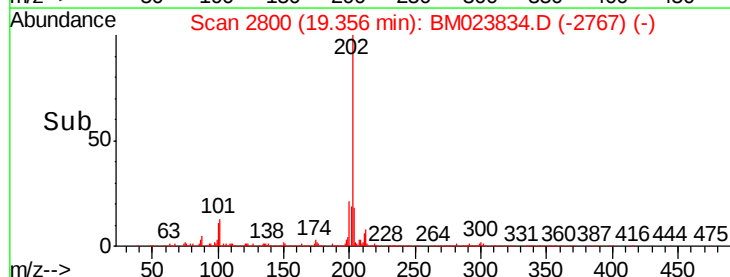
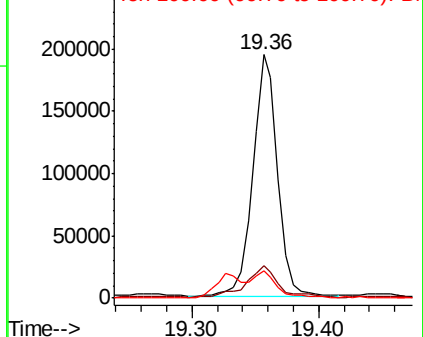


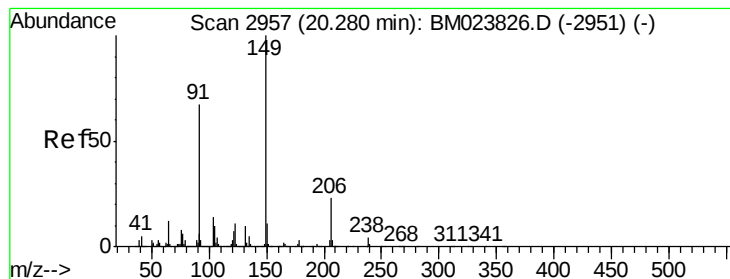
#80
Pyrene
 Concen: 2.586 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM023834.D
 Acq: 21 Nov 2019 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.6
100	11.0	8.1	12.1



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): B





#81

Butylbenzylphthalate

Concen: 1.490 ng/ul

RT: 20.28 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM023834.D

Acq: 21 Nov 2019 18:07

Instrument :

BNA_M

ClientSampleId :

C0AA6

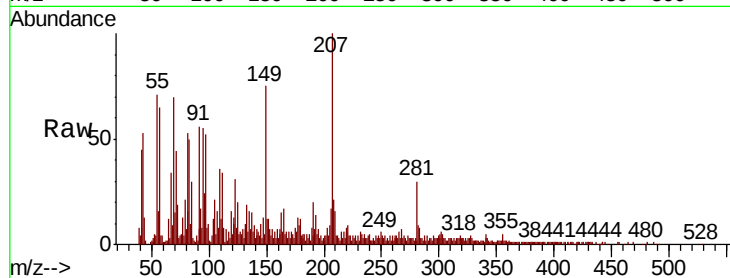
Tot Ion:149 Resp: 47781

Ion Ratio Lower Upper

149 100

91 75.0 54.9 82.3

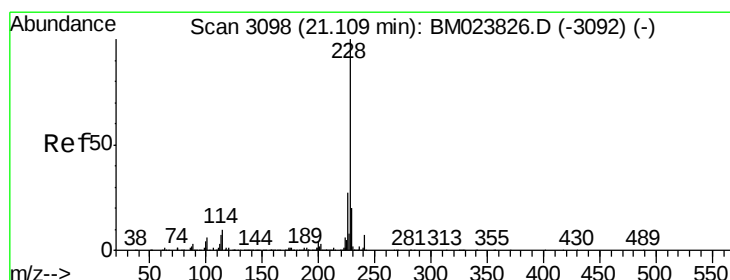
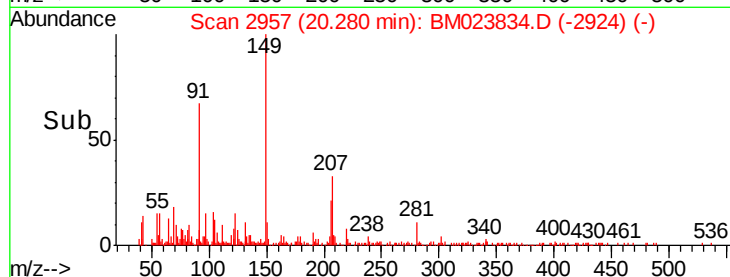
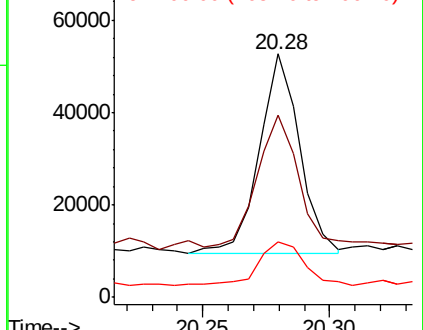
206 22.5 19.3 28.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#83

Benzo(a)anthracene

Concen: 1.470 ng/ul

RT: 21.11 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM023834.D

Acq: 21 Nov 2019 18:07

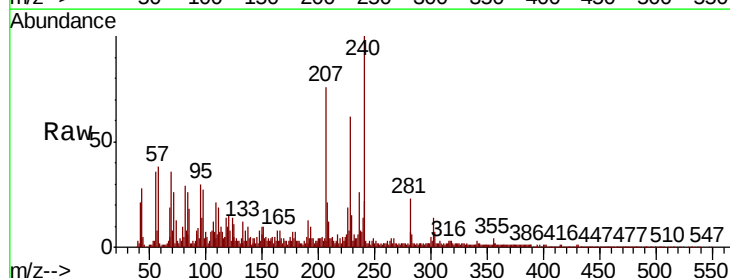
Tgt Ion:228 Resp: 151830

Ion Ratio Lower Upper

228 100

229 23.9 15.6 23.4#

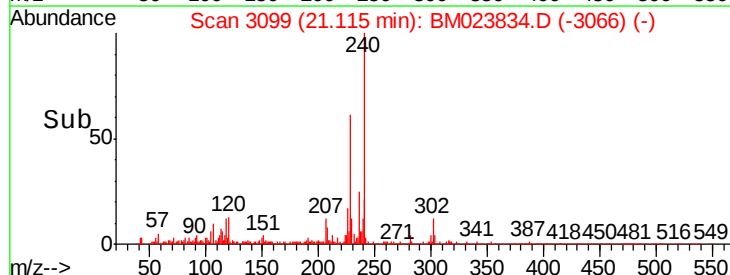
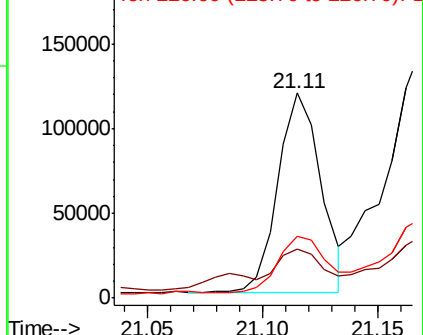
226 30.1 21.4 32.2

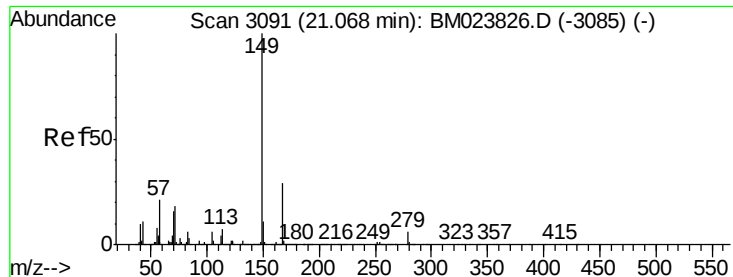


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.766 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM023834.D

Acq: 21 Nov 2019 18:07

Instrument :

BNA_M

ClientSampleId :

C0AA6

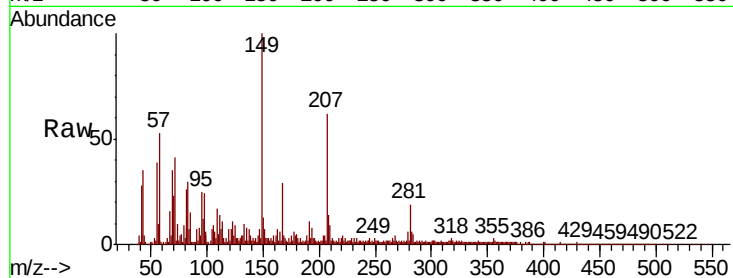
Tot Ion:149 Resp: 230675

Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.2

279 6.0 5.0 7.4

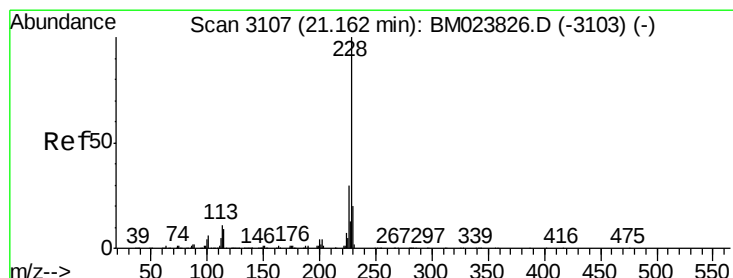
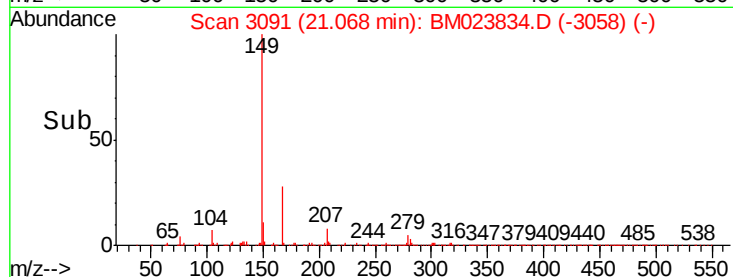
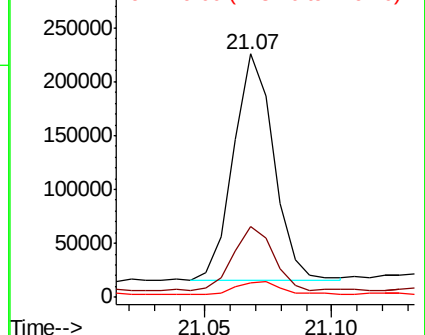


Abundance

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



#85

Chrysene

Concen: 2.333 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM023834.D

Acq: 21 Nov 2019 18:07

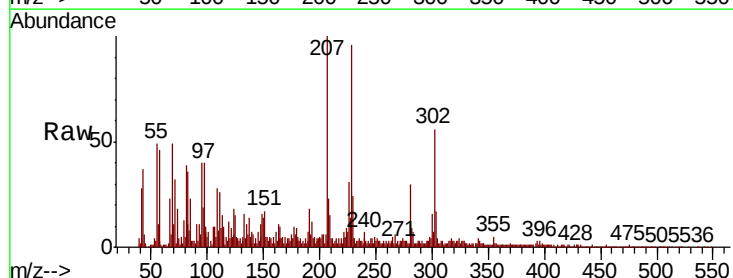
Tgt Ion:228 Resp: 226820

Ion Ratio Lower Upper

228 100

226 32.5 23.8 35.8

229 24.9 15.8 23.6#

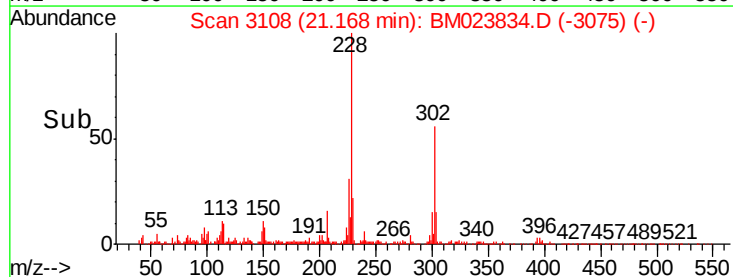
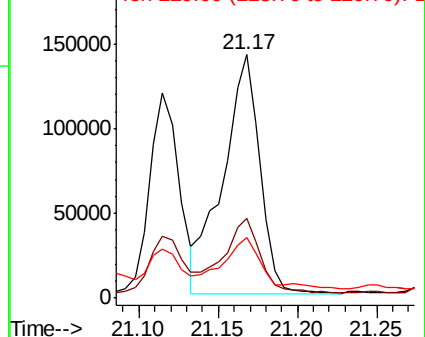


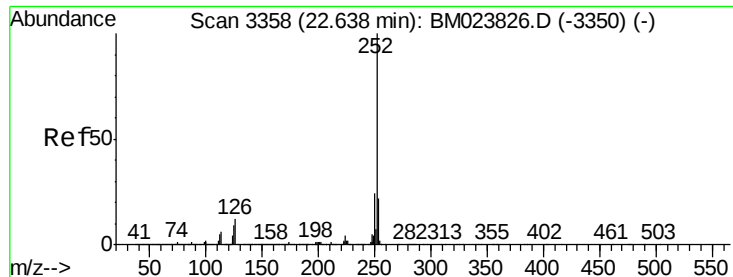
Abundance

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: 2.757 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. -0.00 min

Lab File: BM023834.D

Acq: 21 Nov 2019 18:07

Instrument :

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ClientSampleId :

C0AA6

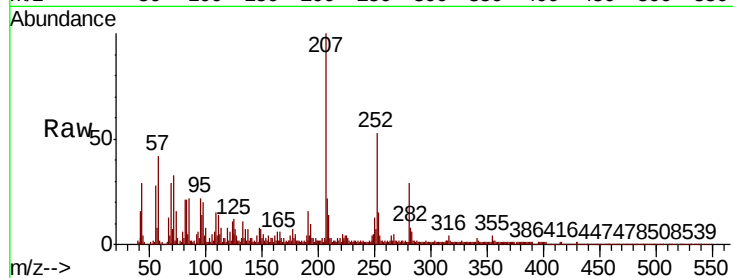
Tot Ion:252 Resp: 345095

Ion Ratio Lower Upper

252 100

253 27.8 17.8 26.8#

125 22.0 6.5 9.7#

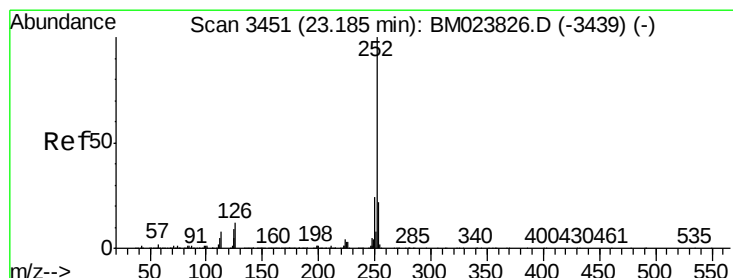
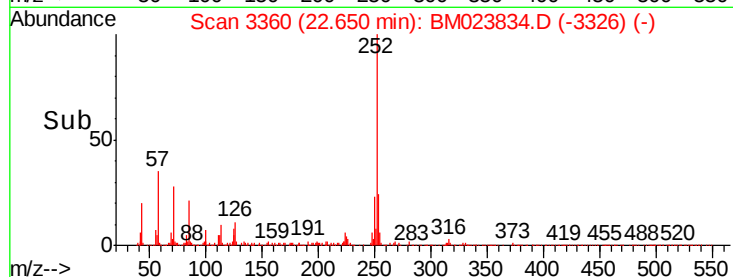
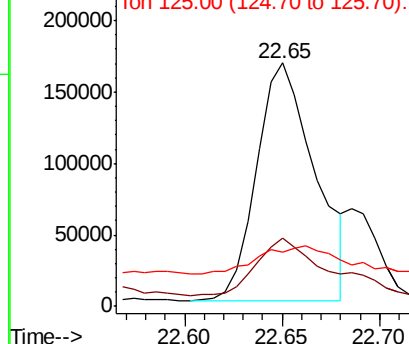


Abundance

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



#91

Benzo(a)pyrene

Concen: 1.413 ng/ul

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM023834.D

Acq: 21 Nov 2019 18:07

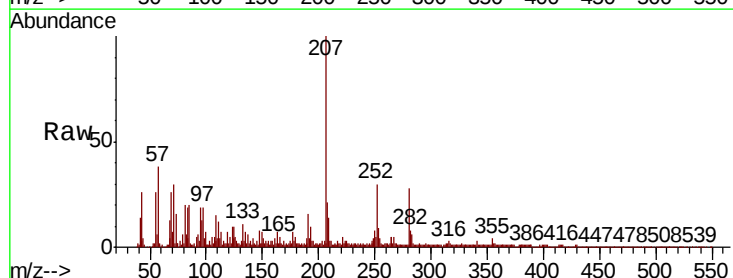
Tgt Ion:252 Resp: 161899

Ion Ratio Lower Upper

252 100

253 30.0 17.3 25.9#

125 34.6 6.9 10.3#

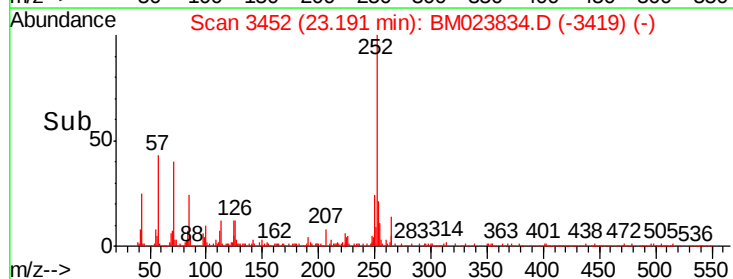
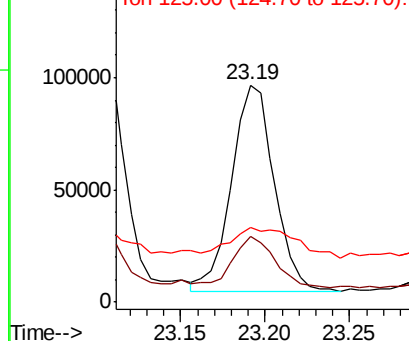


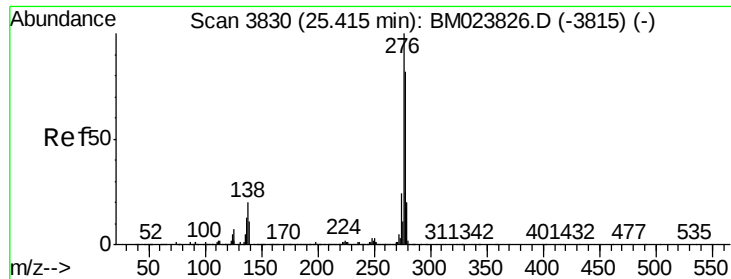
Abundance

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



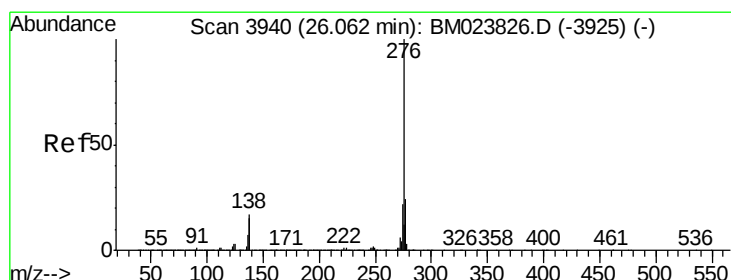
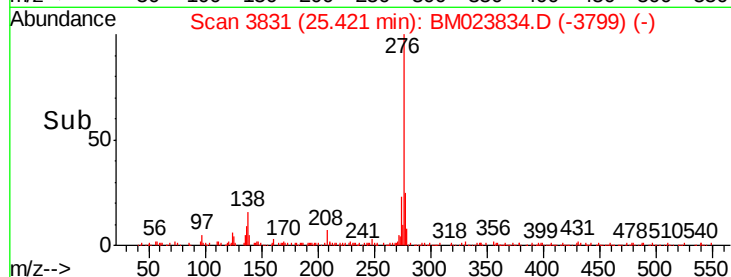
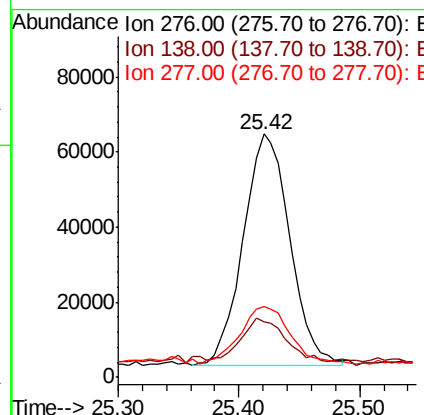
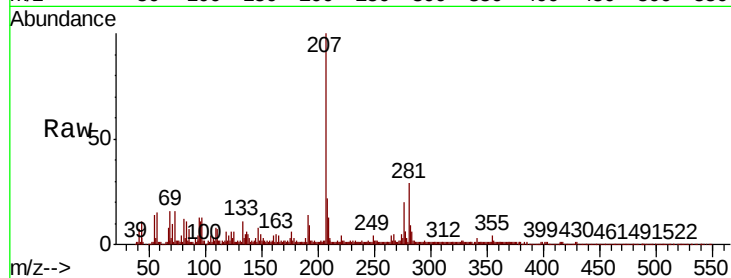


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.344 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

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Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.0	22.4#
277	29.0	20.0	30.0



#94

Benzo(g,h,i)perylene
Concen: 1.784 ng/ul
RT: 26.07 min Scan# 3942
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	13.2	19.8#
277	26.5	18.6	28.0

