

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023838.D
 Acq On : 21 Nov 2019 20:31
 Operator : JU
 Sample : K5851-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 05:51:17 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	7.51	152	324004	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1315521	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	806420	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1741657	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1718290	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2100291	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25938	3.30	ng/uL	0.00
5) Phenol-d5	6.70	99	478004	16.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	275393	16.23	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	386594	18.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	330449	14.03	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	186605	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	207708	20.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	384322	17.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	423979	17.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1212071	19.27	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1427571	19.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	131570	12.26	ng/ul	0.00
58) Fluorene-d10	15.17	176	1092998	19.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	95093	9.44	ng/ul	0.00
71) Anthracene-d10	17.02	188	1713454	20.74	ng/ul	0.00
79) Pyrene-d10	19.33	212	1974976	22.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2379474	21.53	ng/ul	-0.01

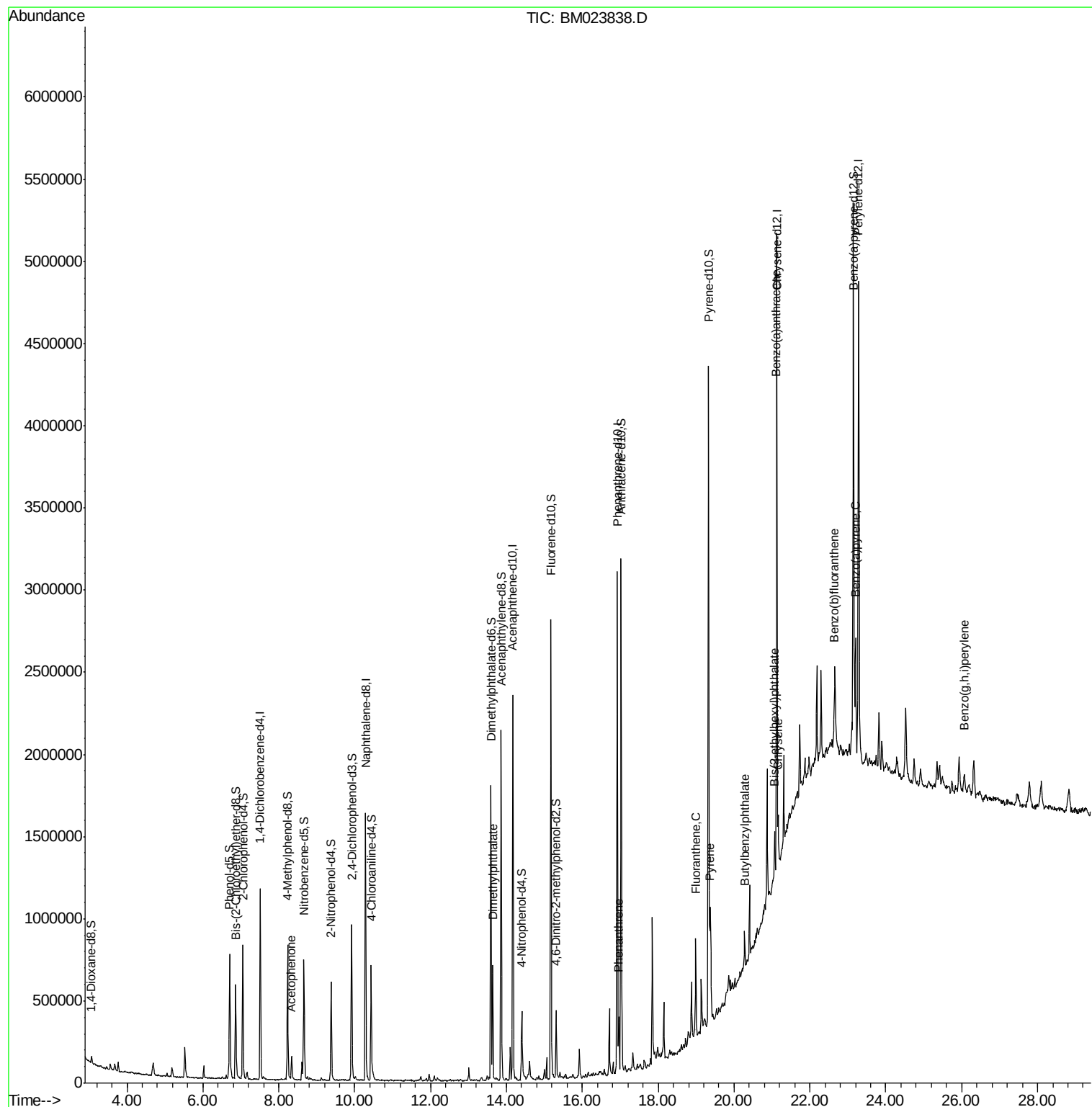
Target Compounds				Ovalue		
14) Acetophenone	8.33	105	84081	2.288	ng/ul	99
45) Dimethylphthalate	13.64	163	450569	7.311	ng/ul	99
70) Phenanthrene	16.96	178	196667	2.050	ng/ul	98
77) Fluoranthene	18.99	202	339434	3.303	ng/ul#	95
80) Pyrene	19.36	202	308406	2.777	ng/ul	98
81) Butylbenzylphthalate	20.28	149	57293	1.629	ng/ul	98
83) Benzo(a)anthracene	21.12	228	134958	1.191	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.07	149	106653	2.008	ng/ul	98
85) Chrysene	21.16	228	177084	1.660	ng/ul	96
88) Benzo(b)fluoranthene	22.64	252	257915	1.926	ng/ul#	91
91) Benzo(a)pyrene	23.19	252	158663	1.294	ng/ul#	85
94) Benzo(g,h,i)perylene	26.07	276	134339	1.265	ng/ul#	92

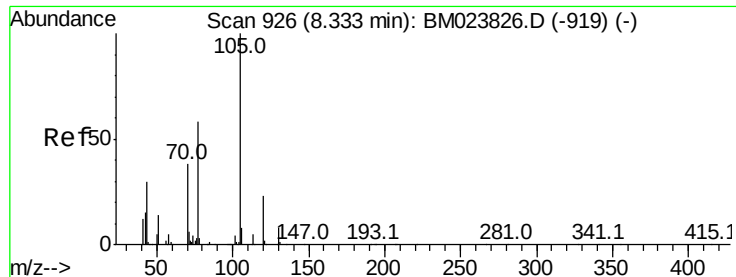
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration





#14

Acetophenone

Concen: 2.288 ng/ul

RT: 8.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM023838.D

Acq: 21 Nov 2019 20:31

Instrument :

BNA_M

ClientSampleId :

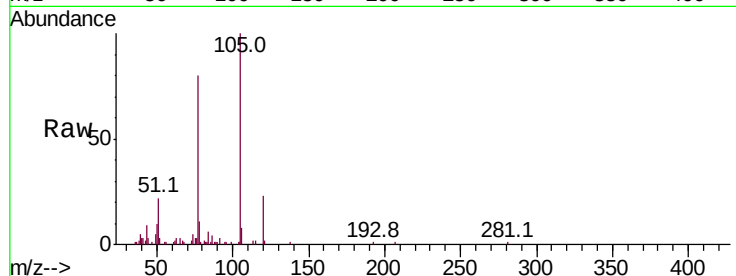
Tot Ion:105 Resp: 84081

Ion Ratio Lower Upper

105 100

77 80.0 63.8 95.6

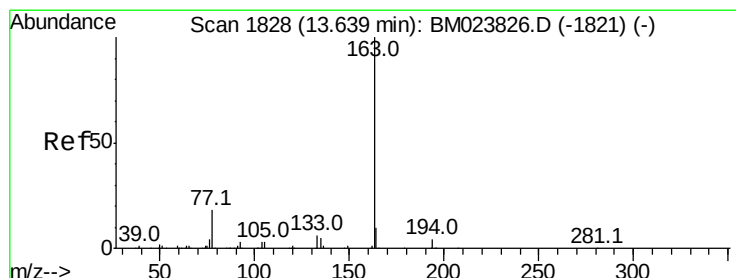
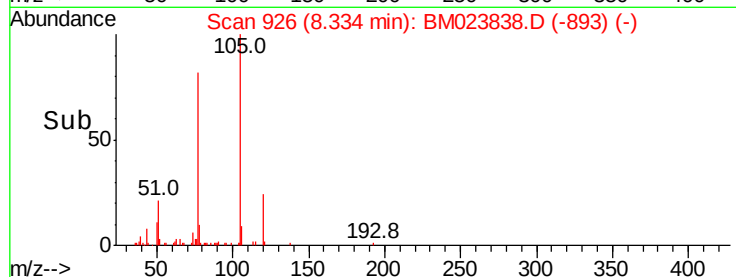
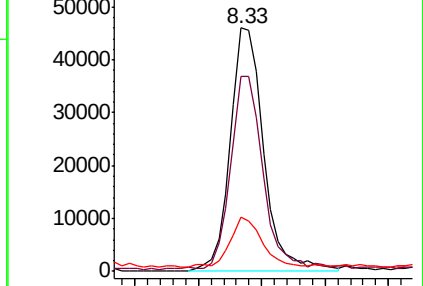
51 22.0 16.3 24.5



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: 7.311 ng/ul

RT: 13.64 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM023838.D

Acq: 21 Nov 2019 20:31

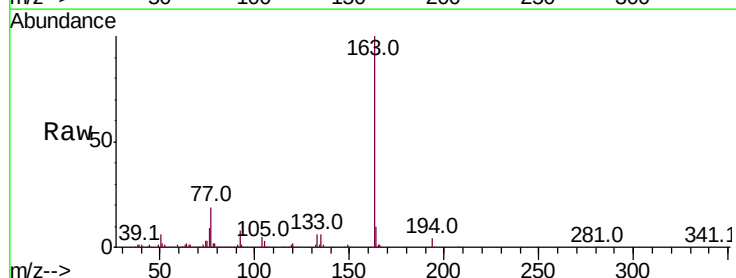
Tgt Ion:163 Resp: 450569

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

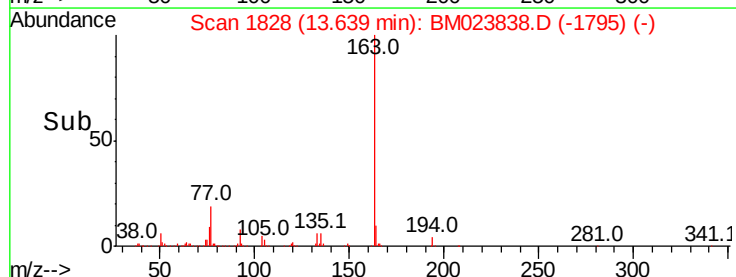
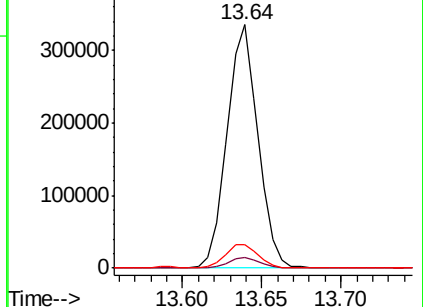
164 9.8 8.0 12.0

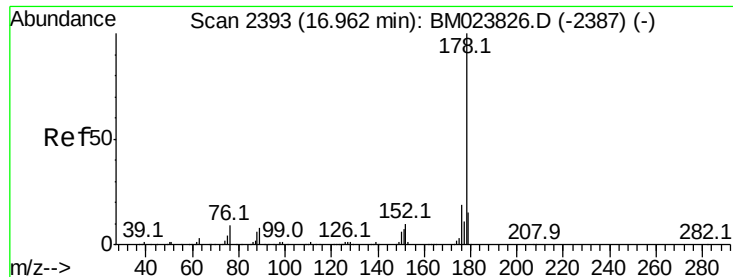


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

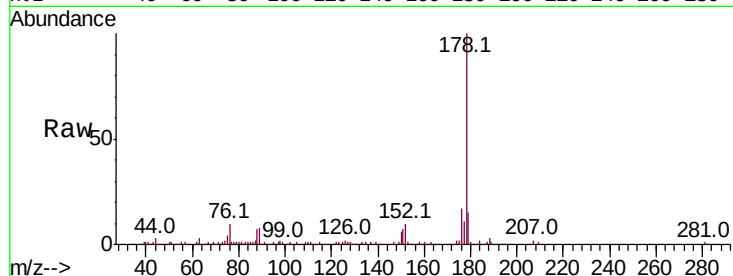




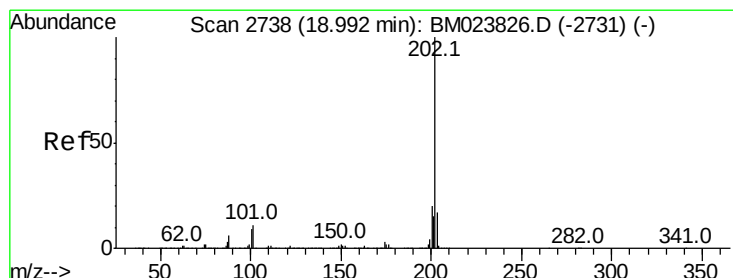
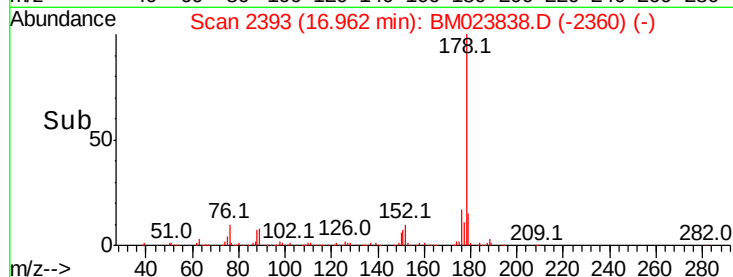
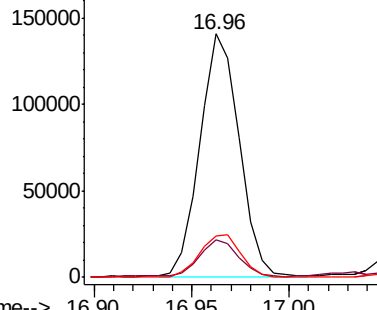
#70
Phenanthrene
Concen: 2.050 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	17.1	15.0	22.6

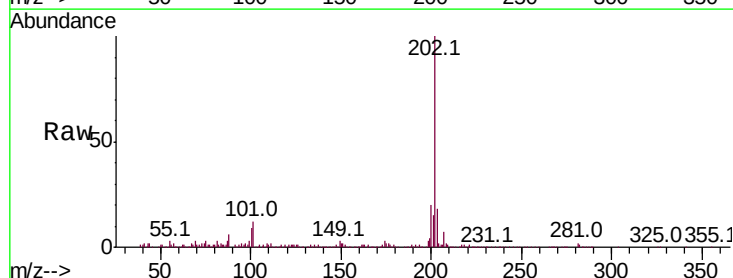


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

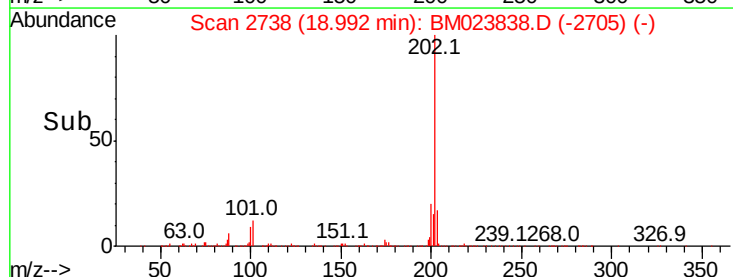
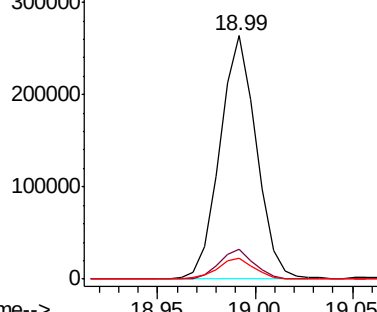


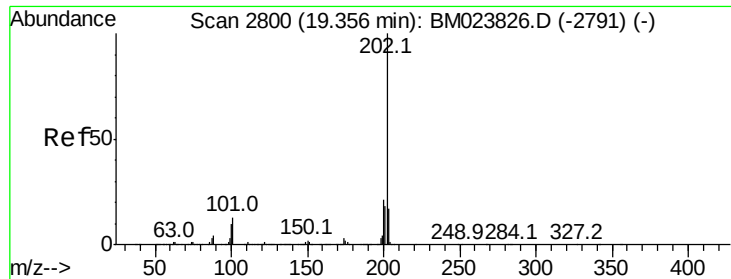
#77
Fluoranthene
Concen: 3.303 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	7.7	11.5#
100	8.8	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

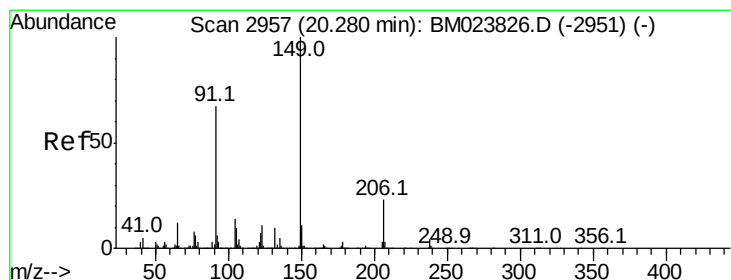
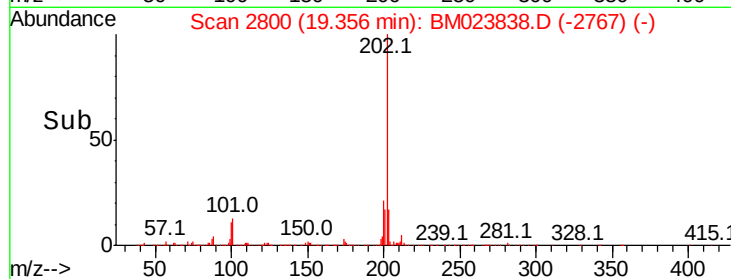
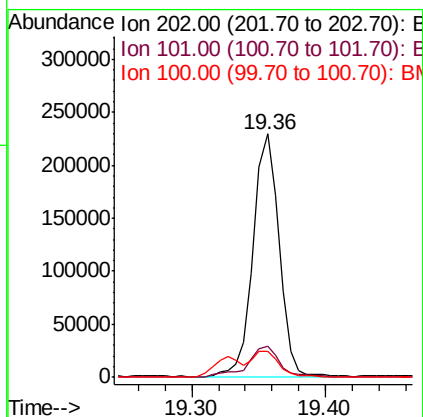
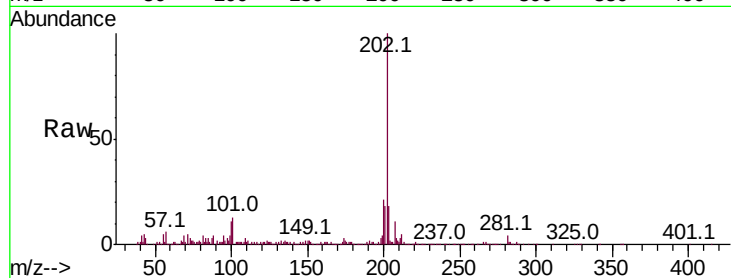




#80
Pvrene
Concen: 2.777 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

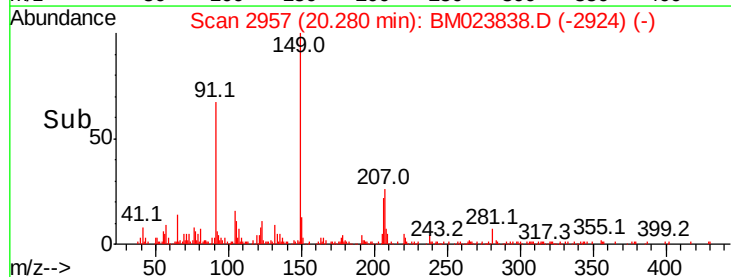
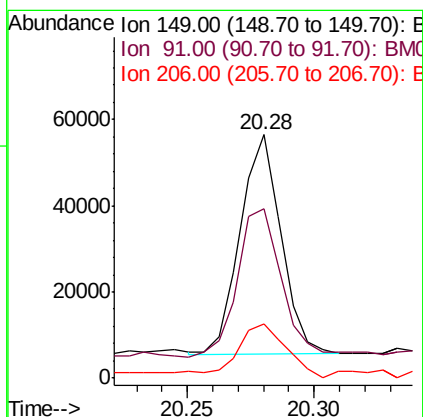
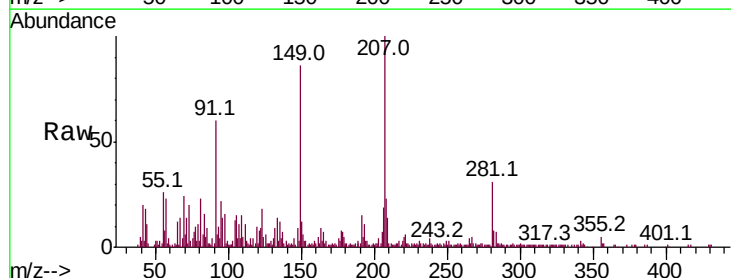
Instrument :
BNA_M
ClientSampleId :

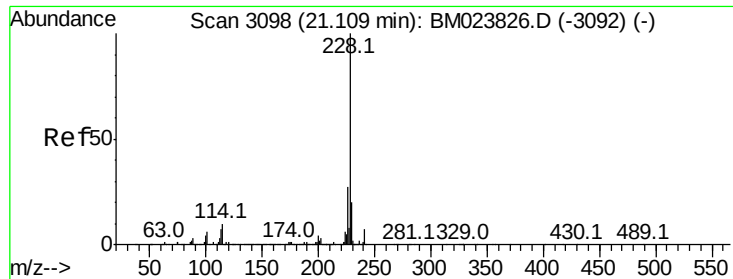
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.6
100	10.6	8.1	12.1



#81
Butylbenzylphthalate
Concen: 1.629 ng/ul
RT: 20.28 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM023838.D
Acq: 21 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	54.9	82.3
206	22.2	19.3	28.9





#83

Benzo(a)anthracene

Concen: 1.191 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM023838.D

Acq: 21 Nov 2019 20:31

Instrument :

BNA_M

ClientSampled :

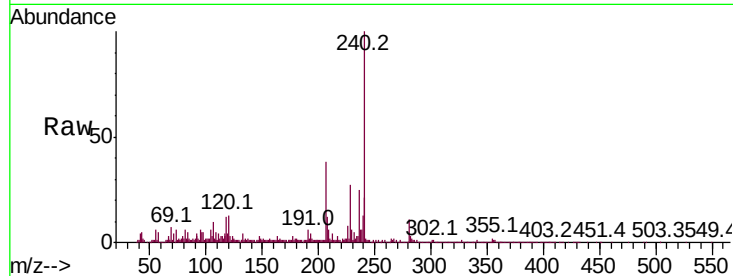
Tot Ion:228 Resp: 134958

Ion Ratio Lower Upper

228 100

229 22.2 15.6 23.4

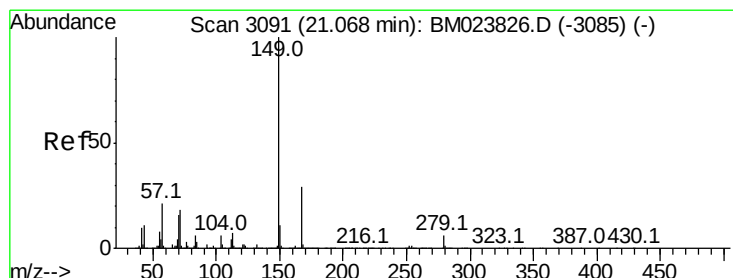
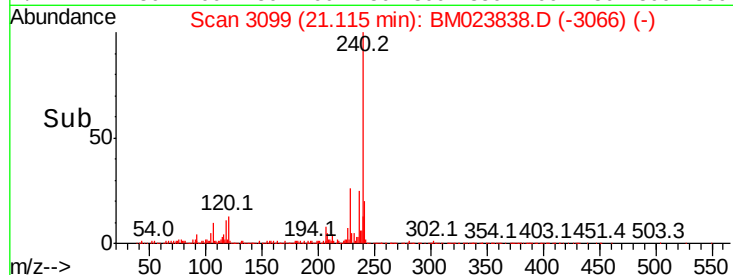
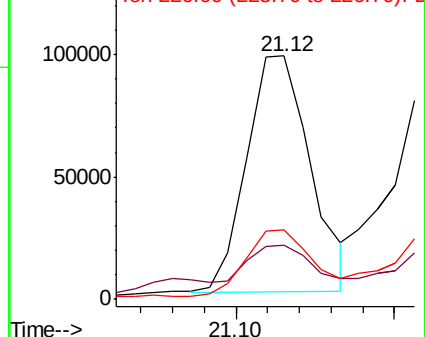
226 28.4 21.4 32.2



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: 2.008 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM023838.D

Acq: 21 Nov 2019 20:31

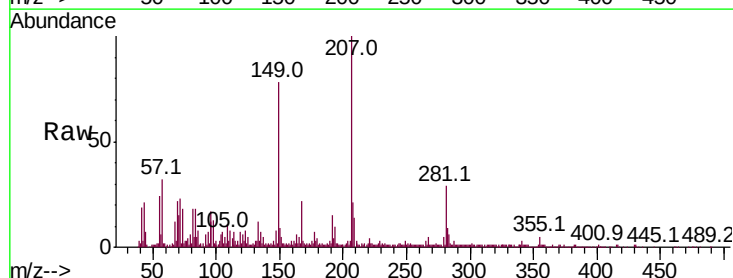
Tgt Ion:149 Resp: 106653

Ion Ratio Lower Upper

149 100

167 28.0 23.4 35.2

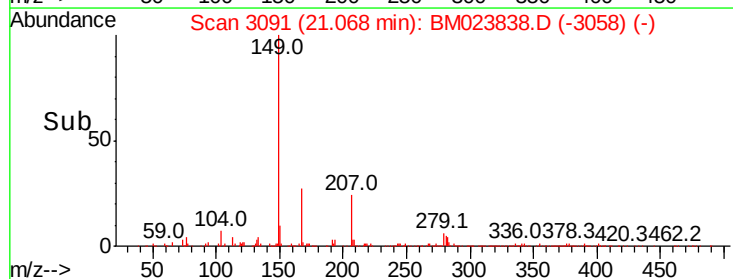
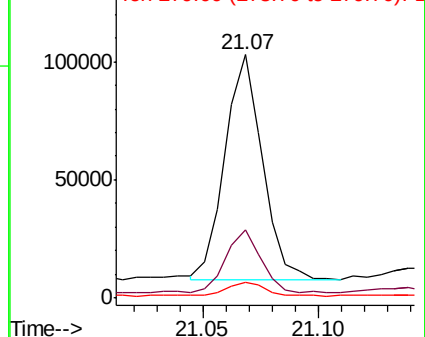
279 6.6 5.0 7.4

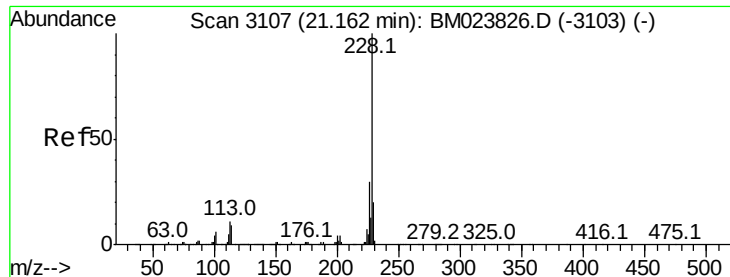


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 1.660 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM023838.D

Acq: 21 Nov 2019 20:31

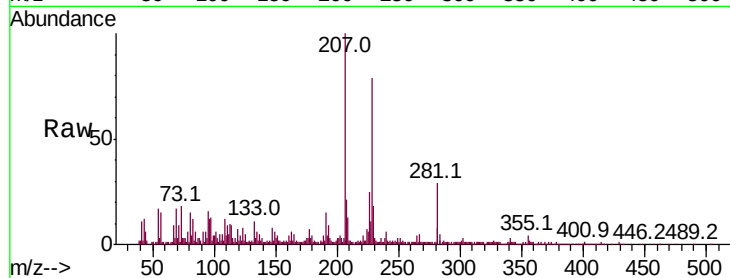
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 177084

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.8
229	22.8	15.8	23.6

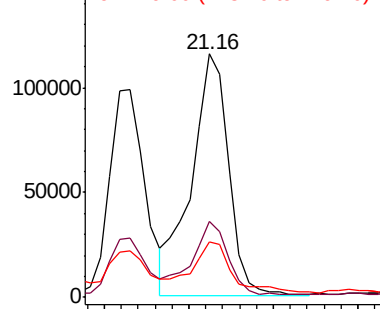


Abundance

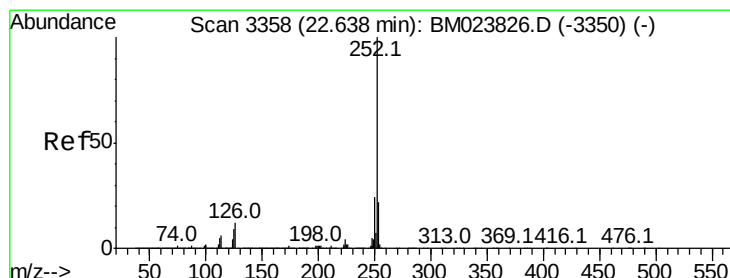
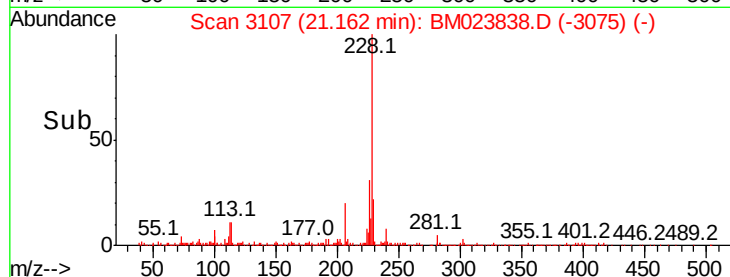
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 1.926 ng/ul

RT: 22.64 min Scan# 3359

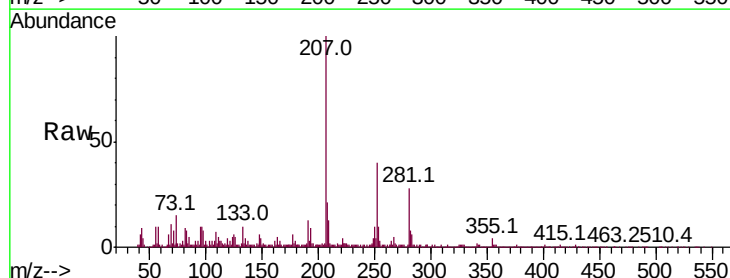
Delta R.T. -0.01 min

Lab File: BM023838.D

Acq: 21 Nov 2019 20:31

Tgt Ion:252 Resp: 257915

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	15.1	6.5	9.7#

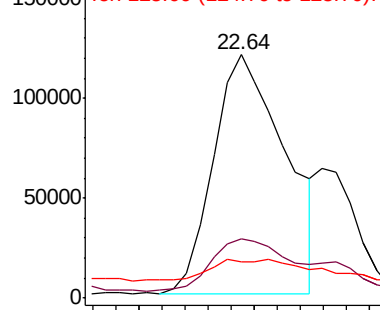


Abundance

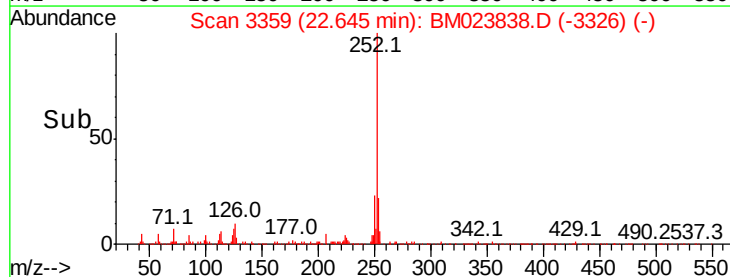
Ion 252.00 (251.70 to 252.70): E

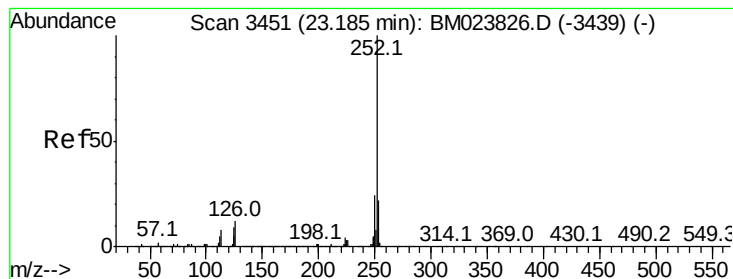
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#91

Benzo(a)pyrene

Concen: 1.294 ng/ul

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM023838.D

Acq: 21 Nov 2019 20:31

Instrument :

BNA_M

ClientSampleId :

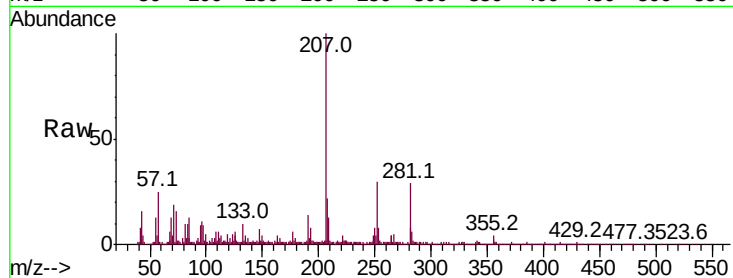
Tot Ion:252 Resp: 158663

Ion Ratio Lower Upper

252 100

253 25.9 17.3 25.9

125 19.3 6.9 10.3#

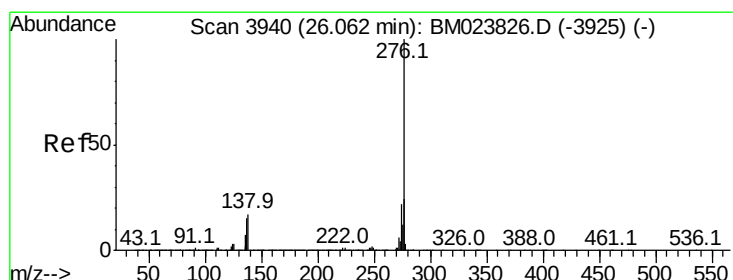
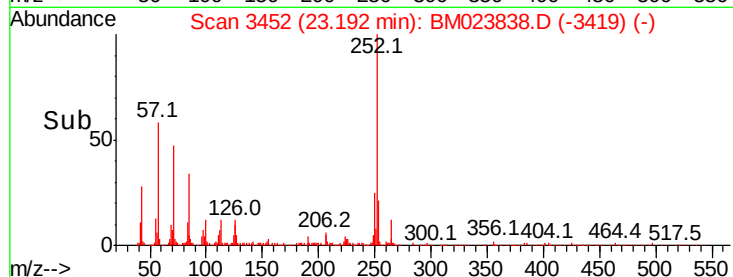
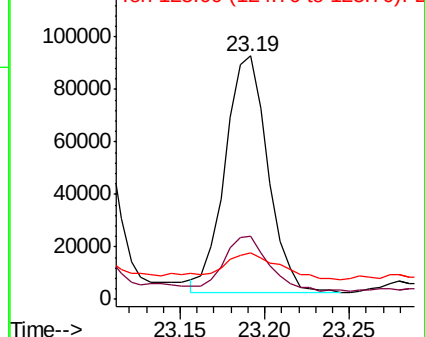


Abundance

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



#94

Benzo(g,h,i)perylene

Concen: 1.265 ng/ul

RT: 26.07 min Scan# 3941

Delta R.T. -0.02 min

Lab File: BM023838.D

Acq: 21 Nov 2019 20:31

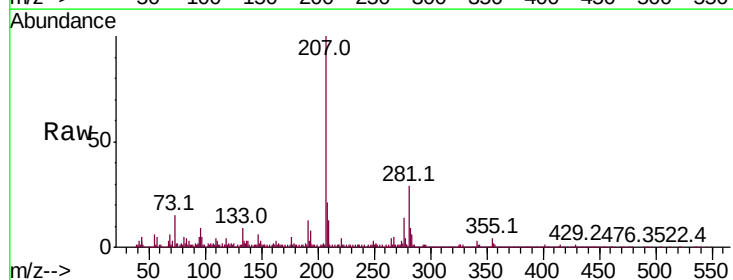
Tgt Ion:276 Resp: 134339

Ion Ratio Lower Upper

276 100

138 20.3 13.2 19.8#

277 27.3 18.6 28.0



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

