

Data File : BM024231.D
Acq On : 24 Dec 2019 00:22
Operator : JU
Sample : K6238-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFPZ7

Quant Time: Dec 24 03:33:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 03:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	253989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1102390	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	682230	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1403594	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1235194	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1430314	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	19468	3.39	ng/uL	0.00
5) Phenol-d5	6.63	99	354007	14.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	263826	18.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	295894	17.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	199134	10.13	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	140300	17.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	153739	17.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	292767	17.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	188618	9.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1059269	21.00	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	1197199	19.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	59618	6.58	ng/ul	0.02
58) Fluorene-d10	15.10	176	917267	20.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	78792	9.20	ng/ul	0.00
71) Anthracene-d10	16.95	188	1312436	20.55	ng/ul	0.00
79) Pyrene-d10	19.26	212	1455332	24.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1571110	22.11	ng/ul	0.00

Target Compounds

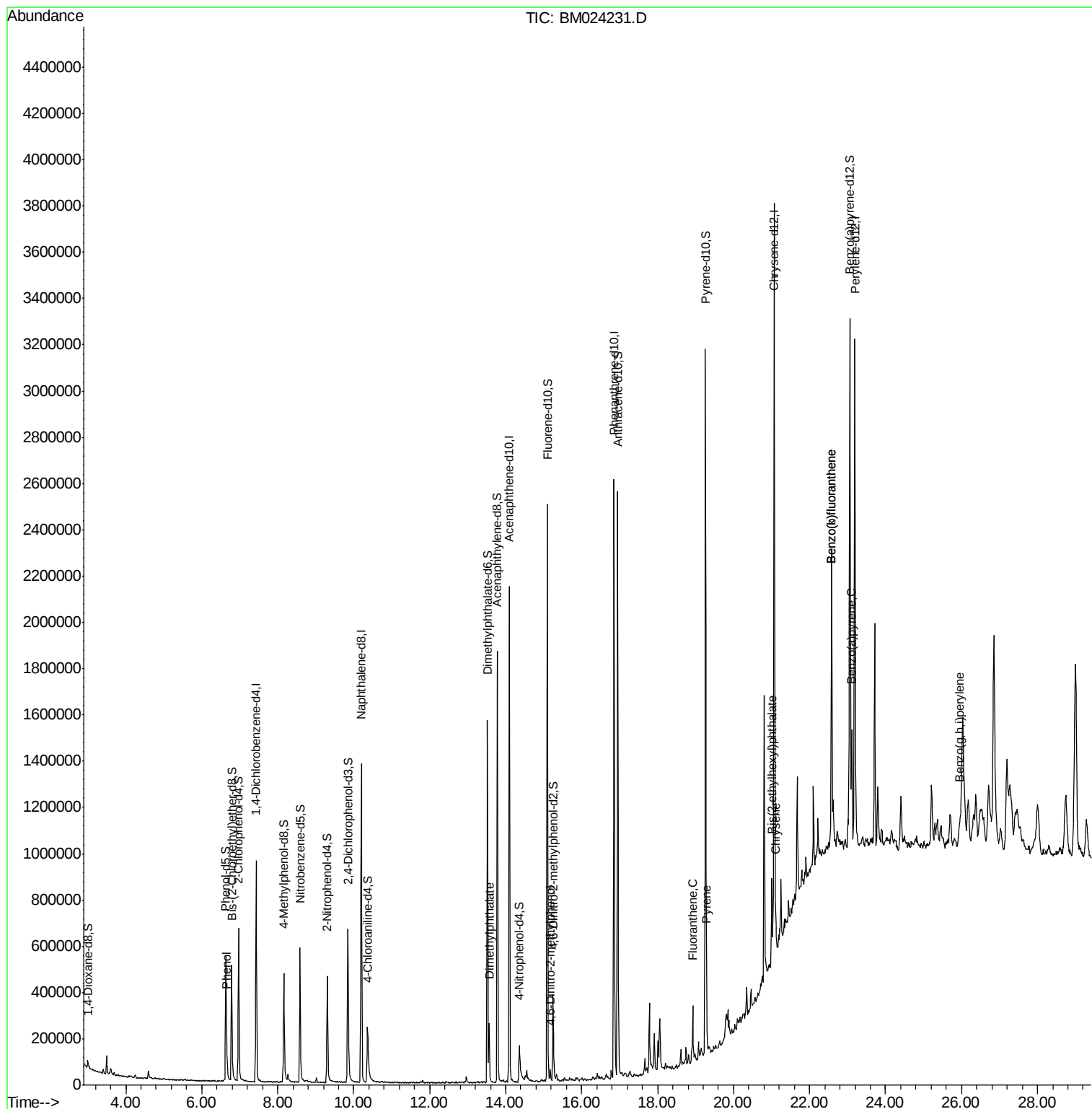
					Qvalue	
6) Phenol	6.66	94	41324	1.664	ng/ul	92
45) Dimethylphthalate	13.57	163	154930	2.955	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.17	198	10991	1.202	ng/ul#	62
77) Fluoranthene	18.93	202	137116	1.601	ng/ul	97
80) Pyrene	19.29	202	125509	1.556	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	113354	2.394	ng/ul	99
85) Chrysene	21.10	228	100062	1.297	ng/ul	97
88) Benzo(b)fluoranthene	22.57	252	172492	2.016	ng/ul#	87
89) Benzo(k)fluoranthene	22.57	252	172492	2.054	ng/ul#	89
91) Benzo(a)pyrene	23.10	252	98960	1.278	ng/ul#	86
94) Benzo(g,h,i)perylene	25.94	276	84449	1.113	ng/ul	96

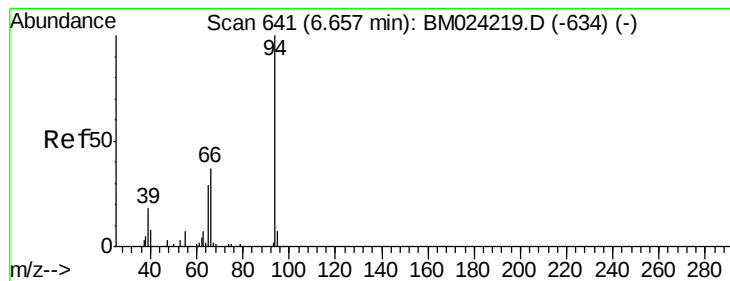
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.664 ng/ul

RT: 6.66 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM024231.D

Acq: 24 Dec 2019 00:22

Instrument :

BNA_M

ClientSampleId :

BFPZ7

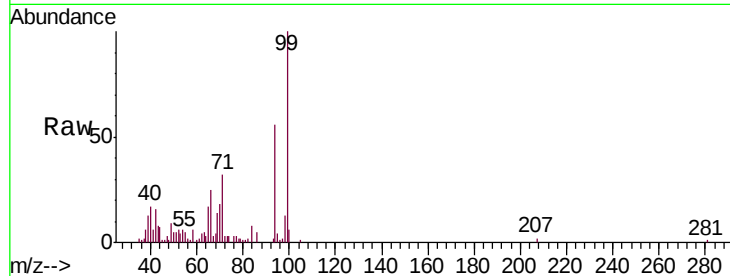
Tgt Ion: 94 Resp: 41324

Ion Ratio Lower Upper

94 100

65 30.7 22.6 33.8

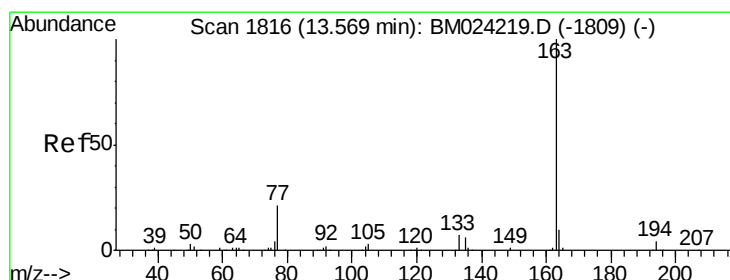
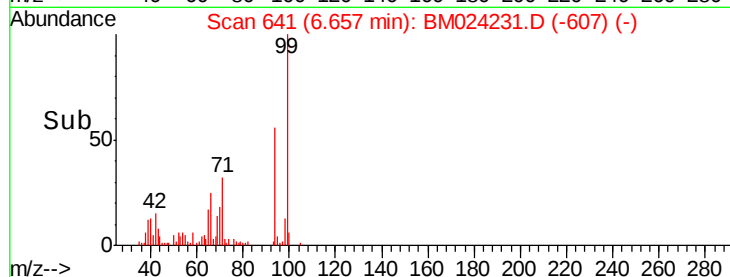
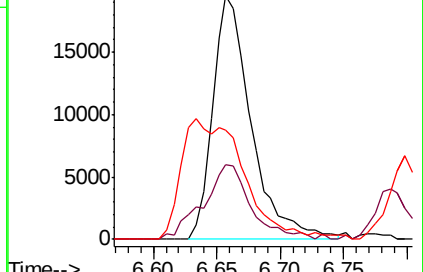
66 45.0 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM024231.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM024231.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM024231.D (-634) (-)



#45

Dimethylphthalate

Concen: 2.955 ng/ul

RT: 13.57 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BM024231.D

Acq: 24 Dec 2019 00:22

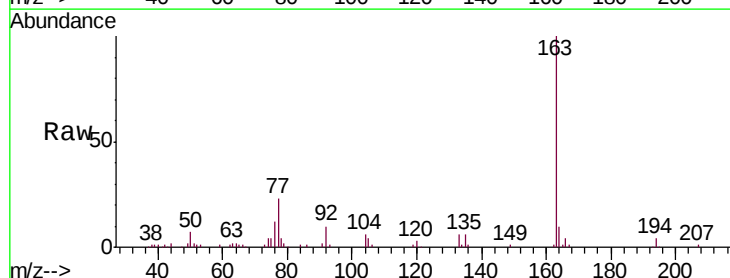
Tgt Ion: 163 Resp: 154930

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

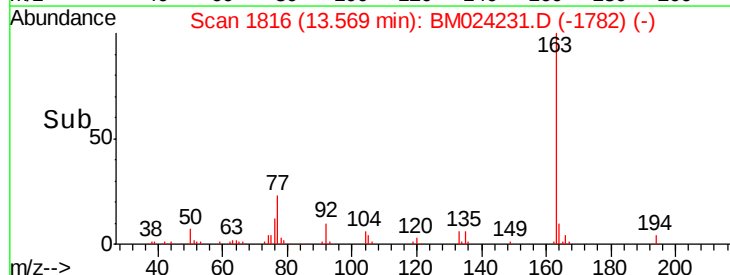
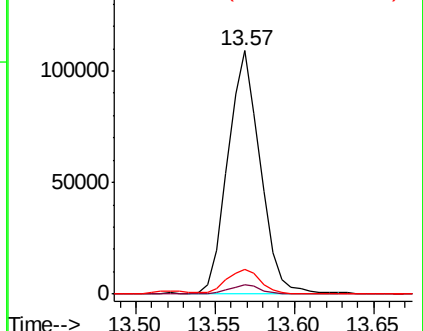
164 10.1 7.8 11.6

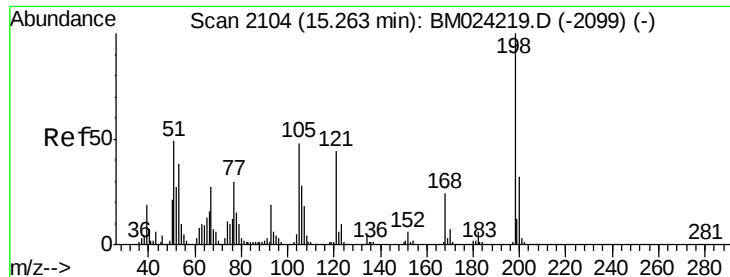


Abundance Ion 163.00 (162.70 to 163.70): BM024231.D (-1782) (-)

Ion 194.00 (193.70 to 194.70): BM024231.D (-1782) (-)

Ion 164.00 (163.70 to 164.70): BM024231.D (-1782) (-)

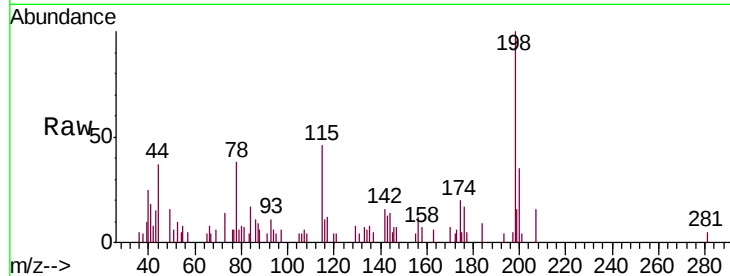




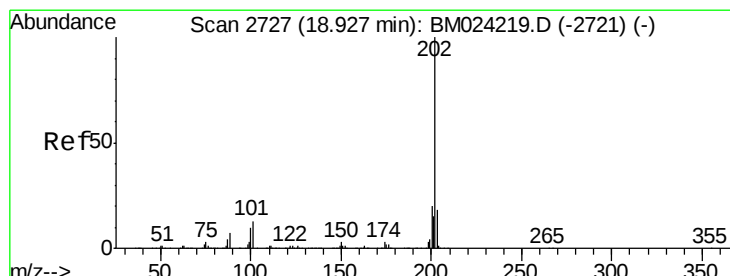
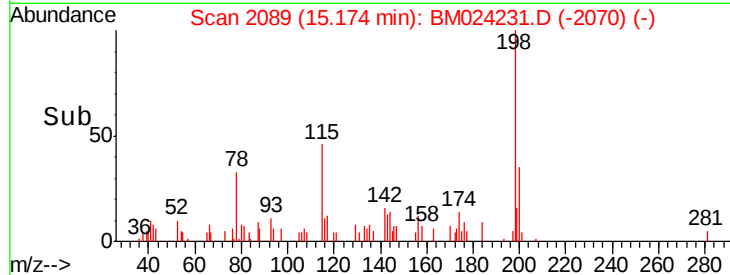
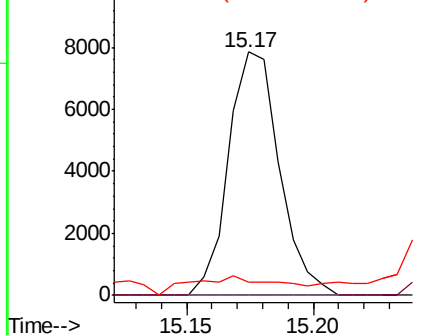
#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.202 ng/ul
 RT: 15.17 min Scan# 2089
 Delta R.T. -0.09 min
 Lab File: BM024231.D
 Acq: 24 Dec 2019 00:22

Instrument :
 BNA_M
 ClientSampleId :
 BFPZ7

Tgt Ion:198 Resp: 10991
 Ion Ratio Lower Upper
 198 100
 182 0.0 4.1 6.1#
 77 5.6 21.9 32.9#

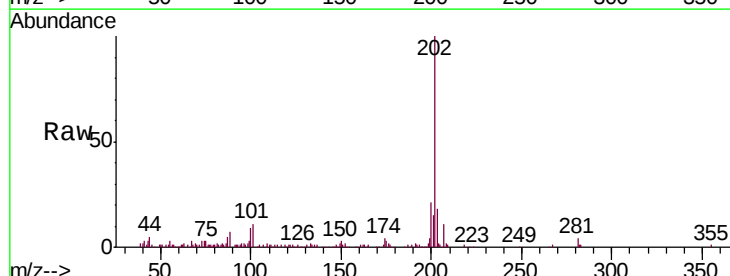


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

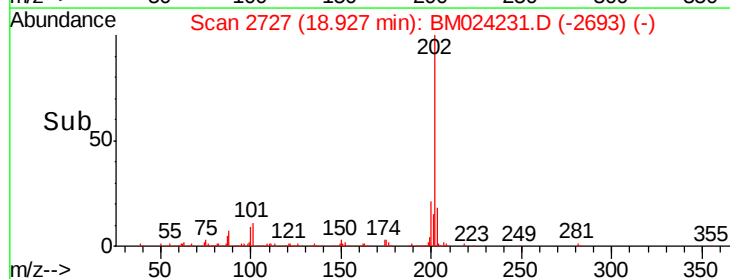
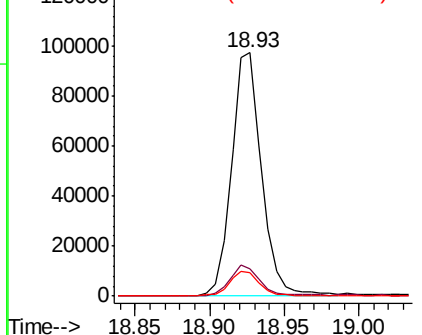


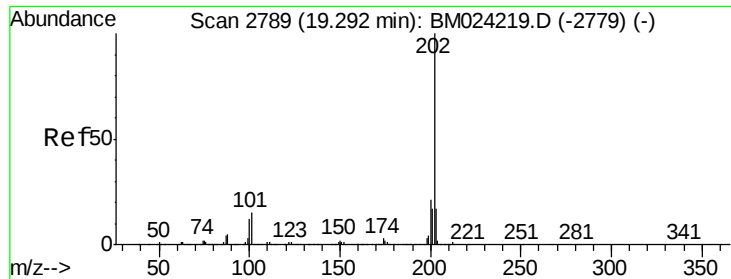
#77
 Fluoranthene
 Concen: 1.601 ng/ul
 RT: 18.93 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM024231.D
 Acq: 24 Dec 2019 00:22

Tgt Ion:202 Resp: 137116
 Ion Ratio Lower Upper
 202 100
 101 11.4 10.6 15.8
 100 9.4 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): BM

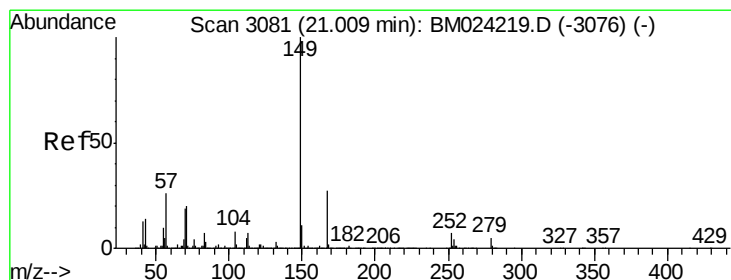
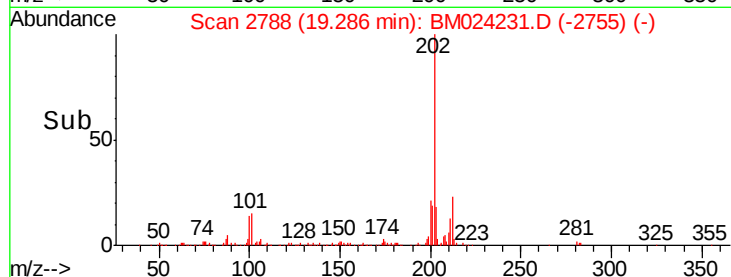
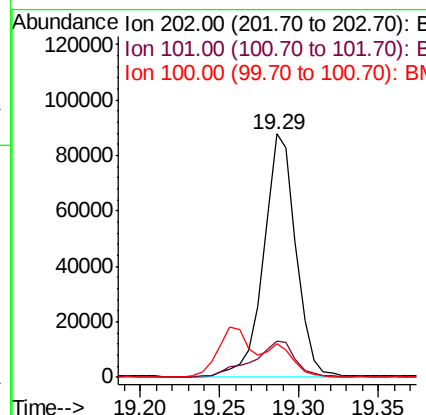
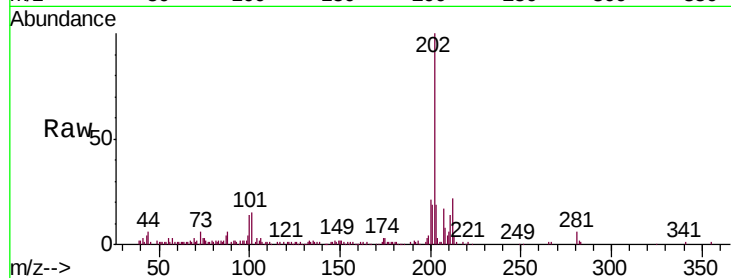




#80
 Pyrene
 Concen: 1.556 ng/ul
 RT: 19.29 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BM024231.D
 Acq: 24 Dec 2019 00:22

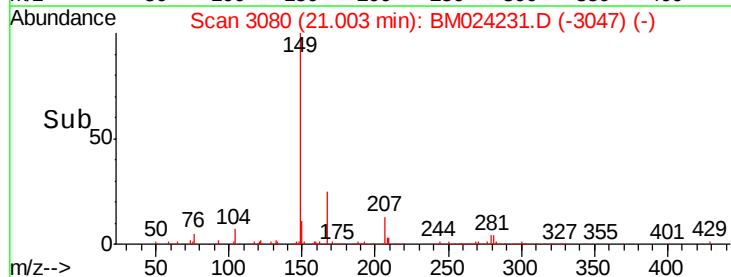
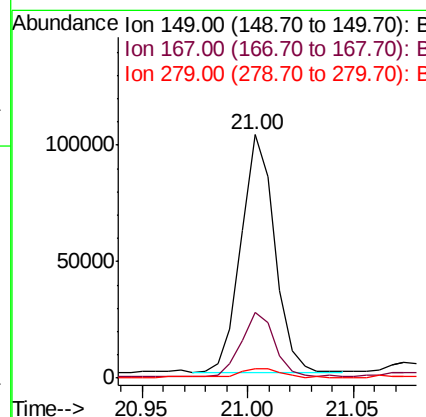
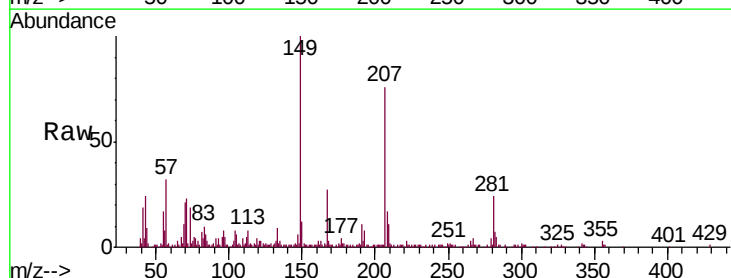
Instrument :
 BNA_M
 ClientSampleId :
 BFPZ7

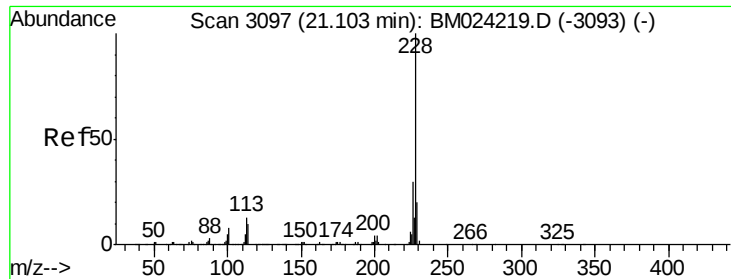
Tgt Ion:	202	Resp:	125509
Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.4
100	13.6	10.0	15.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.394 ng/ul
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM024231.D
 Acq: 24 Dec 2019 00:22

Tgt Ion:	149	Resp:	113354
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.9	3.7	5.5





#85

Chrysene

Concen: 1.297 ng/ul

RT: 21.10 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM024231.D

Acq: 24 Dec 2019 00:22

Instrument :

BNA_M

ClientSampleId :

BFPZ7

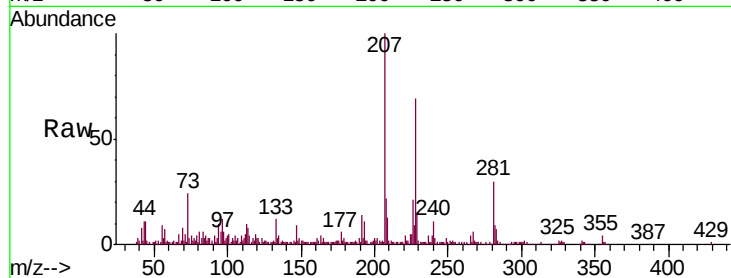
Tgt Ion:228 Resp: 100062

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

229 21.1 15.4 23.2

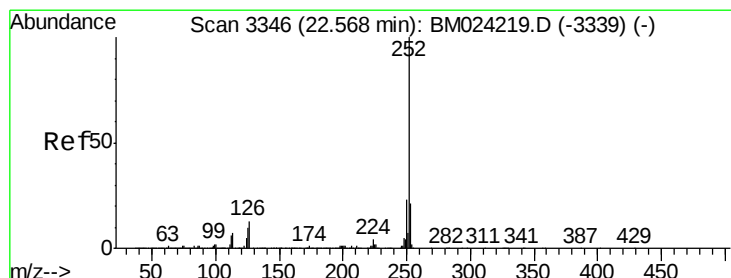
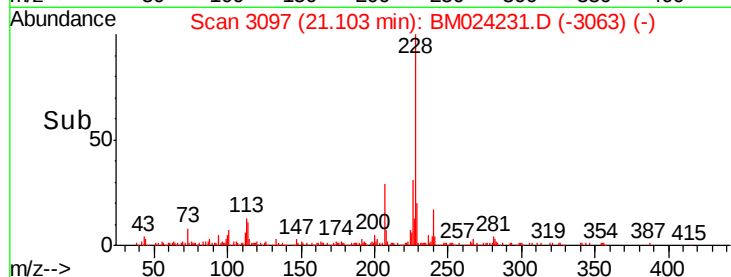
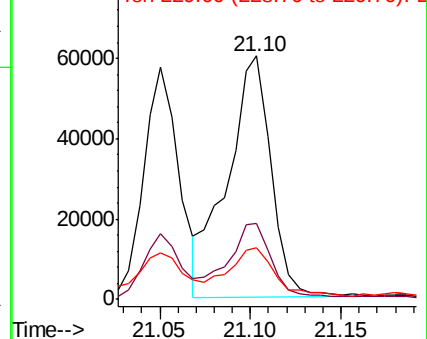


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 2.016 ng/ul

RT: 22.57 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BM024231.D

Acq: 24 Dec 2019 00:22

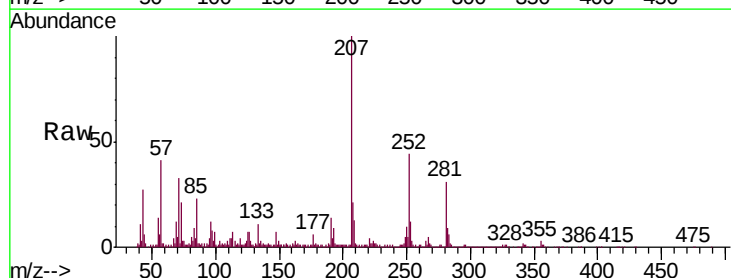
Tgt Ion:252 Resp: 172492

Ion Ratio Lower Upper

252 100

253 26.5 17.2 25.8#

125 16.0 7.8 11.8#

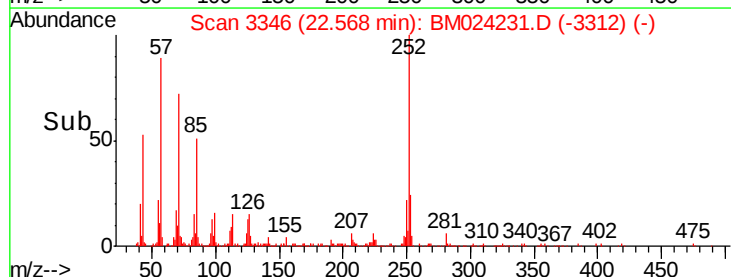
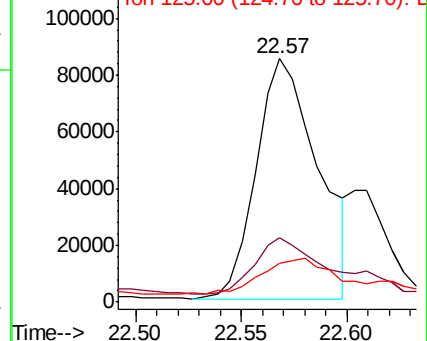


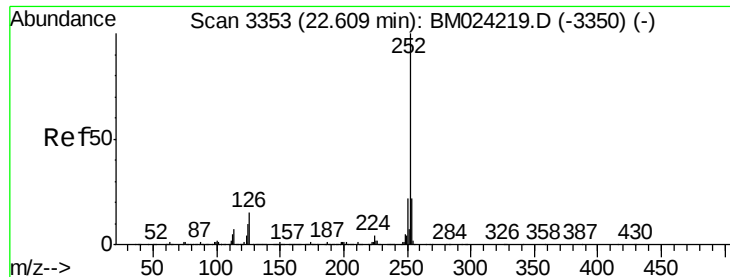
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 2.054 ng/ul

RT: 22.57 min Scan# 3346

Delta R.T. -0.04 min

Lab File: BM024231.D

Acq: 24 Dec 2019 00:22

Instrument :

BNA_M

ClientSampleId :

BFPZ7

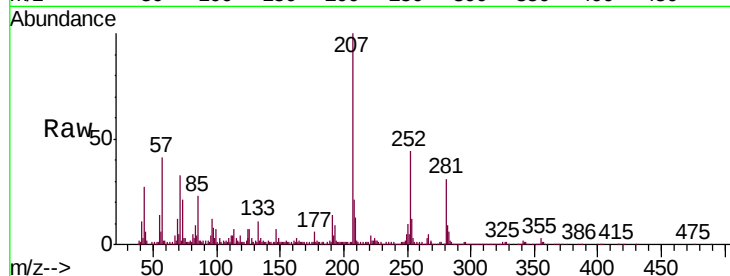
Tgt Ion:252 Resp: 172492

Ion Ratio Lower Upper

252 100

253 26.5 17.8 26.8

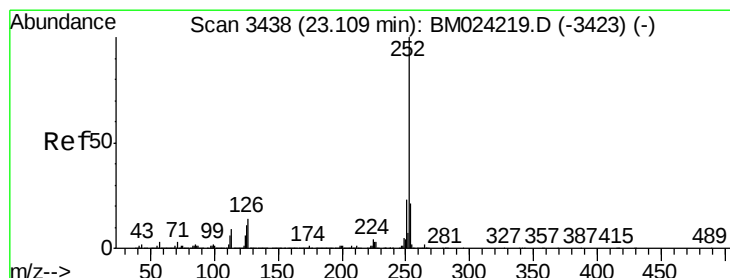
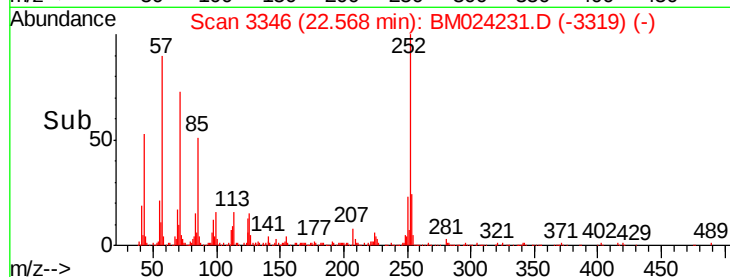
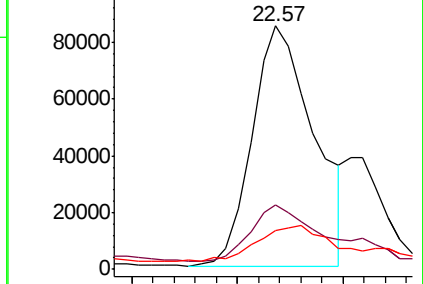
125 16.0 7.9 11.9#



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



#91

Benzo(a)pyrene

Concen: 1.278 ng/ul

RT: 23.10 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM024231.D

Acq: 24 Dec 2019 00:22

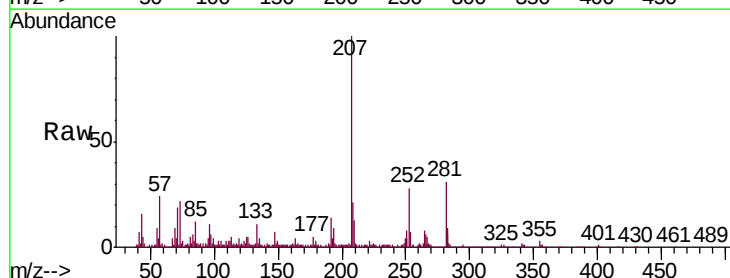
Tgt Ion:252 Resp: 98960

Ion Ratio Lower Upper

252 100

253 26.6 17.5 26.3#

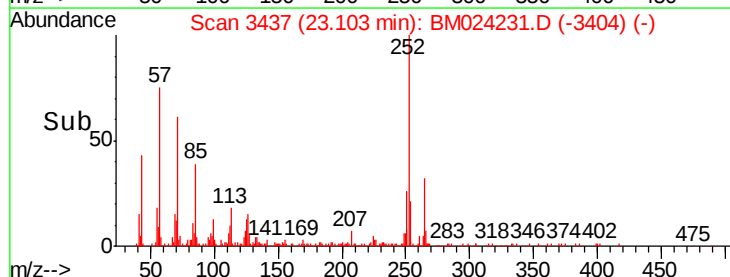
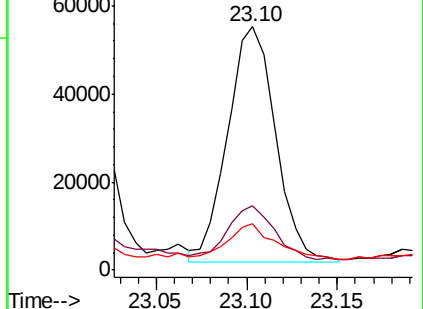
125 19.0 8.2 12.4#

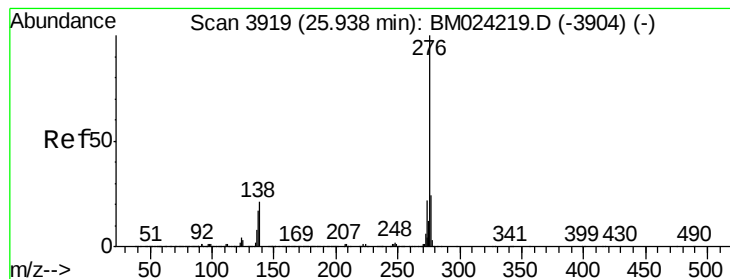


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.113 ng/ul

RT: 25.94 min Scan# 3919

Delta R.T. -0.00 min

Lab File: BM024231.D

Acq: 24 Dec 2019 00:22

Instrument :

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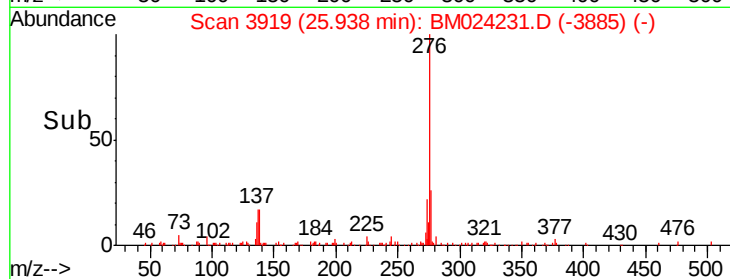
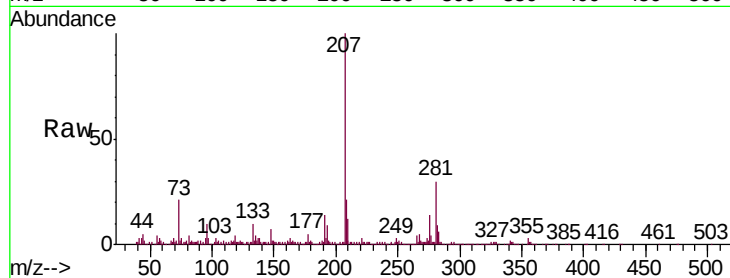
Tgt Ion:276 Resp: 84449

Ion Ratio Lower Upper

276 100

138 19.4 15.3 22.9

277 27.5 19.3 28.9



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

