

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 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 04:33:05 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

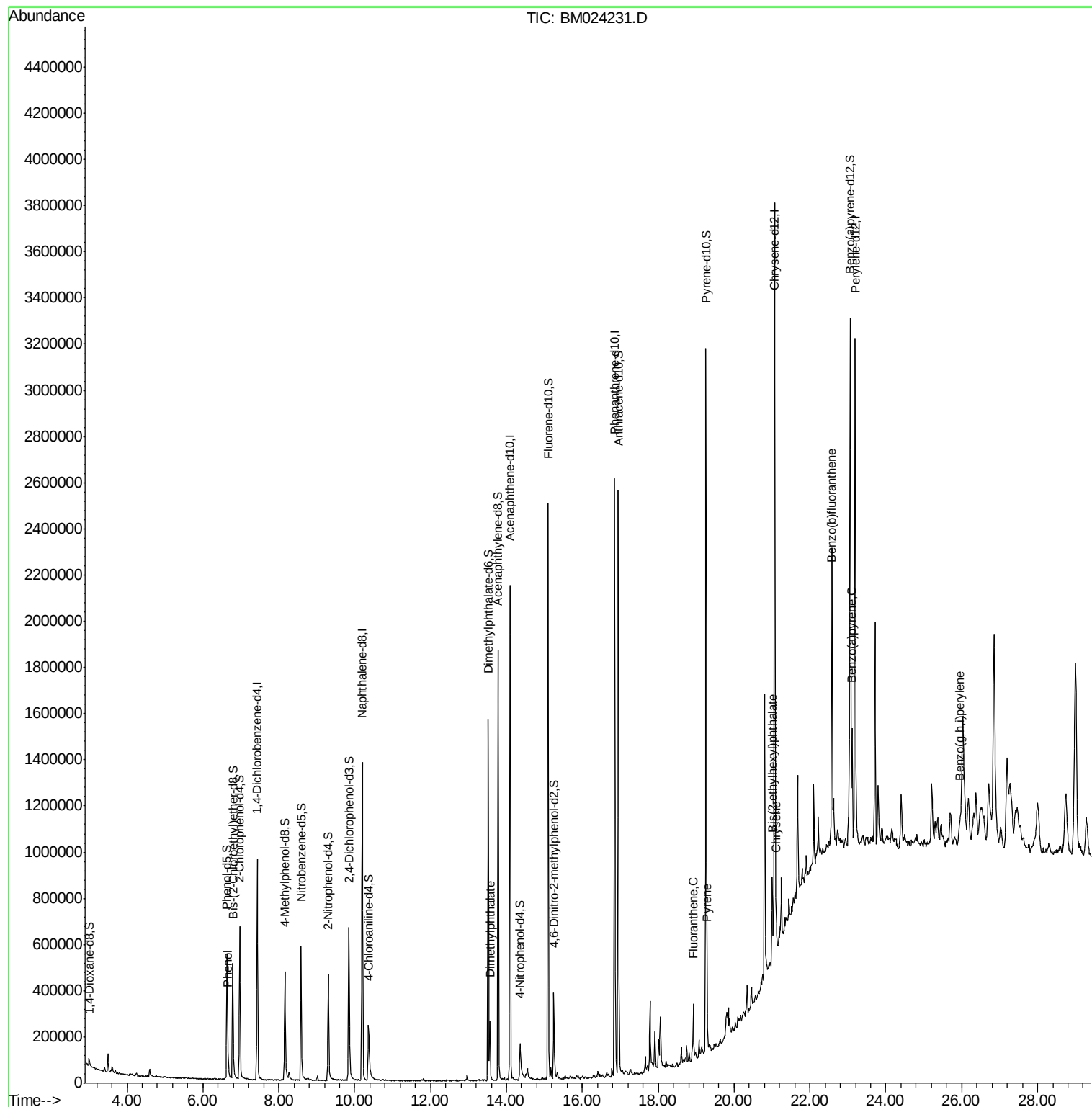
Target Compounds				Ovalue		
6) Phenol	6.66	94	41324	1.664	ng/ul	92
45) Dimethylphthalate	13.57	163	154930	2.955	ng/ul	99
77) Fluoranthene	18.93	202	137116	1.601	ng/ul	97
80) Pyrene	19.29	202	125509	1.556	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	113354	2.394	ng/ul	99
85) Chrysene	21.10	228	100062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

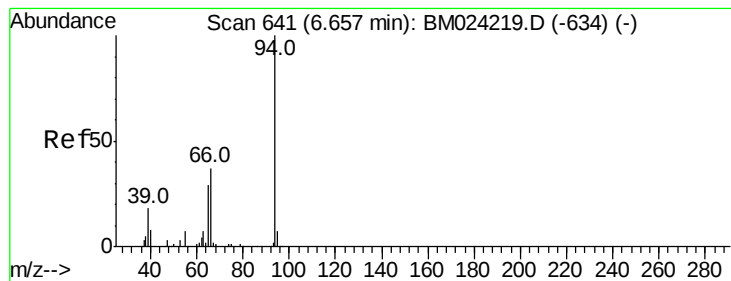
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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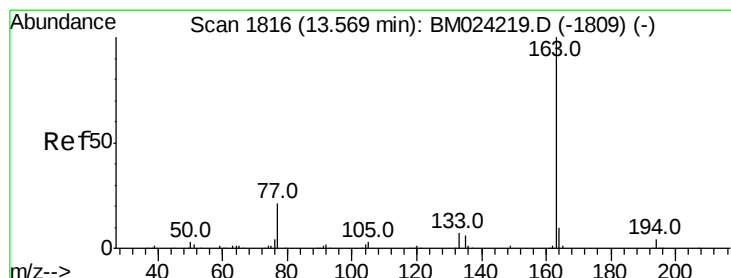
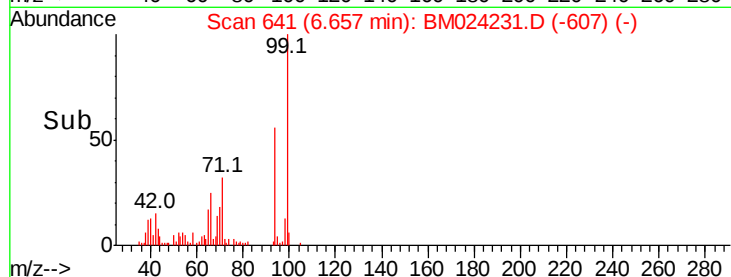
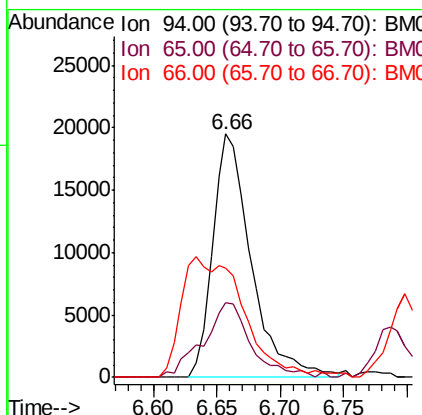
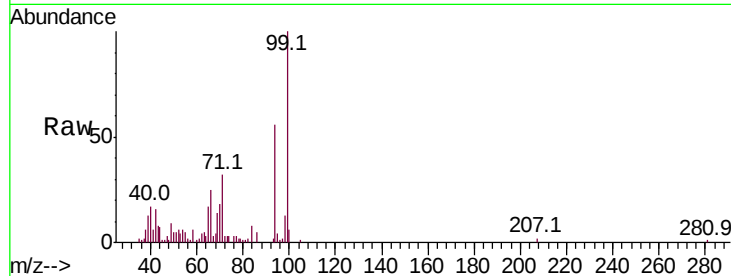
#6

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

Tot Ion: 94 Resp: 41324
 Ion Ratio Lower Upper
 94 100
 65 30.7 22.6 33.8
 66 45.0 30.7 46.1

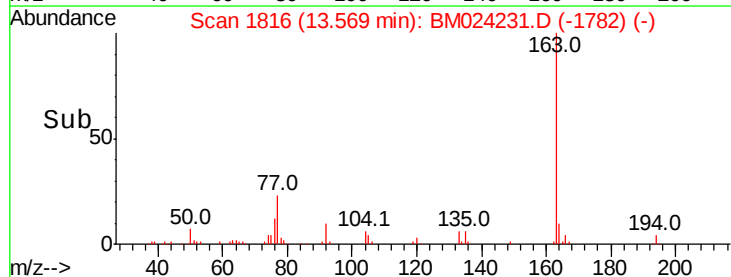
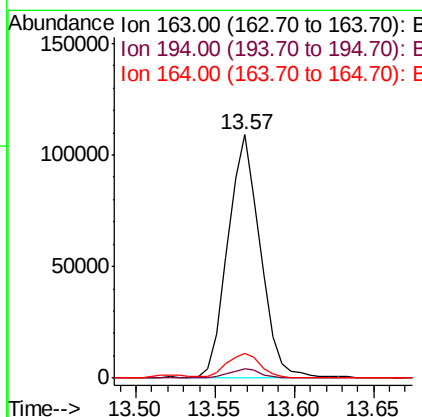
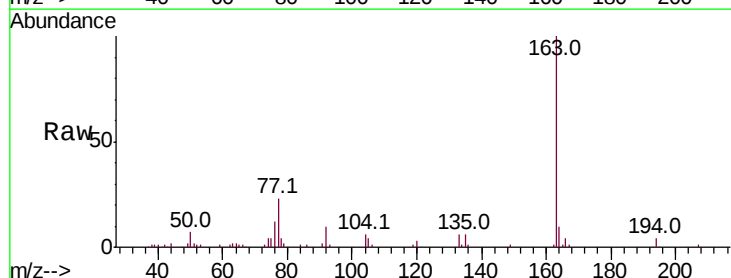


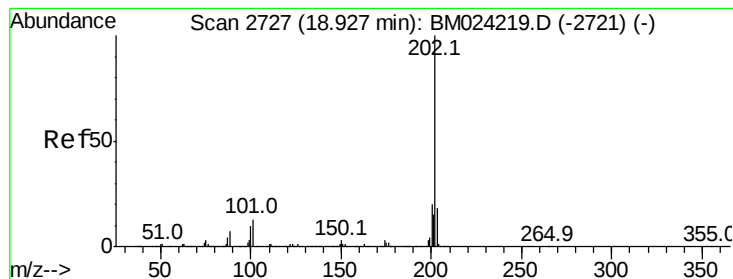
#45

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





#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

Instrument :

BNA_M

ClientSampleId :

BFPZ7

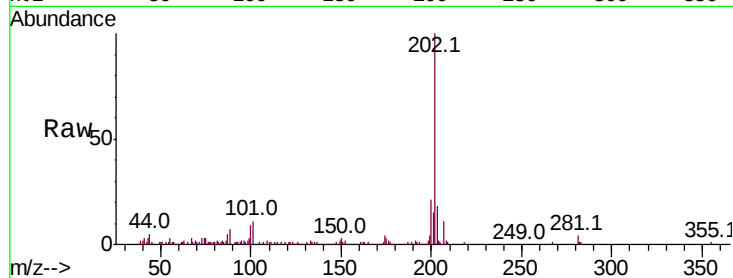
Tot Ion:202 Resp: 137116

Ion Ratio Lower Upper

202 100

101 11.4 10.6 15.8

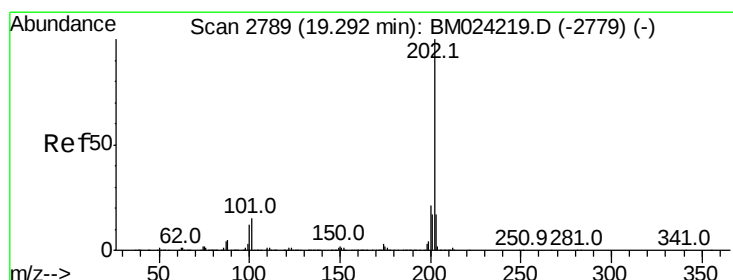
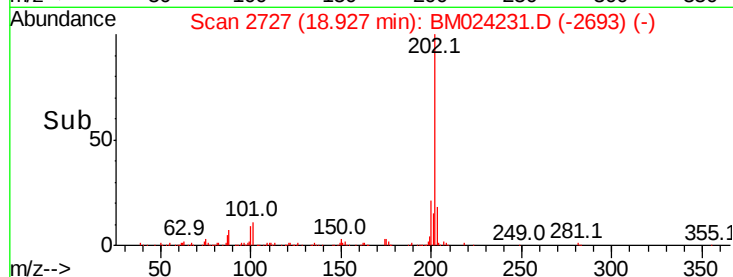
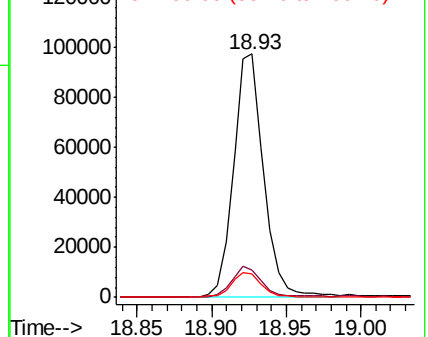
100 9.4 8.1 12.1



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): B



#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

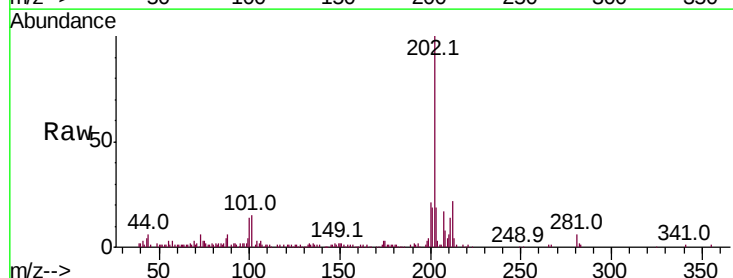
Tgt Ion:202 Resp: 125509

Ion Ratio Lower Upper

202 100

101 14.8 12.2 18.4

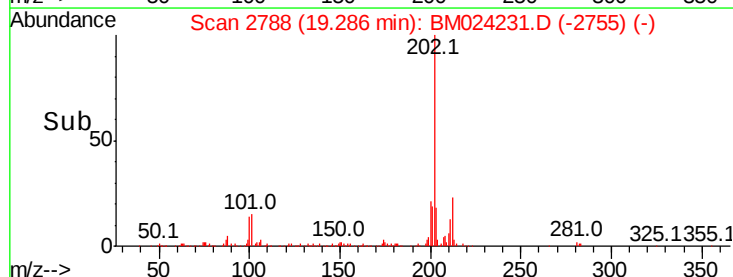
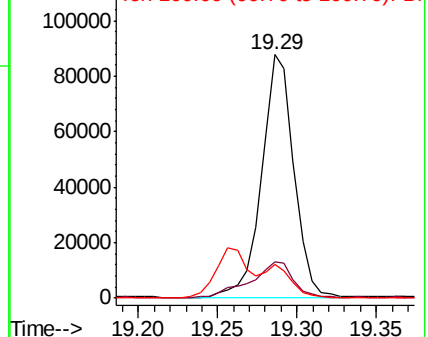
100 13.6 10.0 15.0

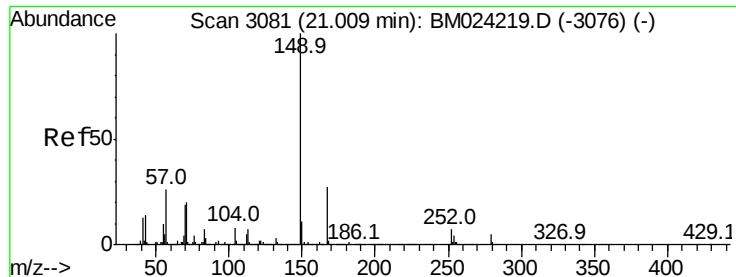


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#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

Instrument :

BNA_M

ClientSampleId :

BFPZ7

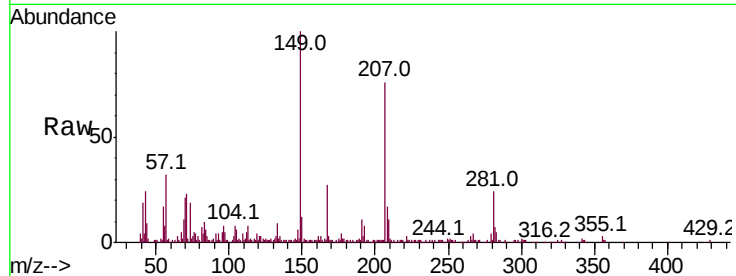
Tot Ion:149 Resp: 113354

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

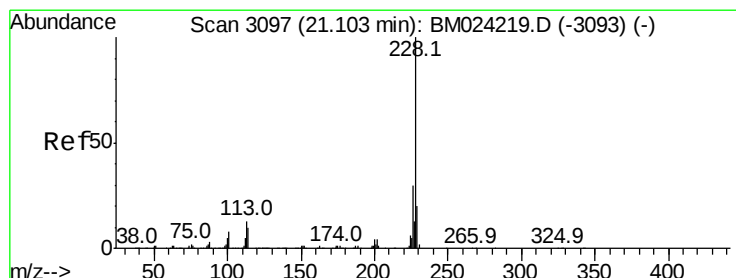
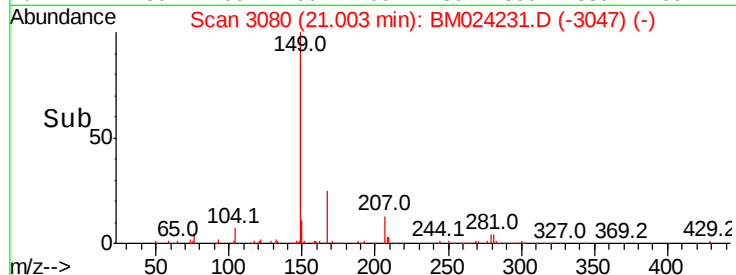
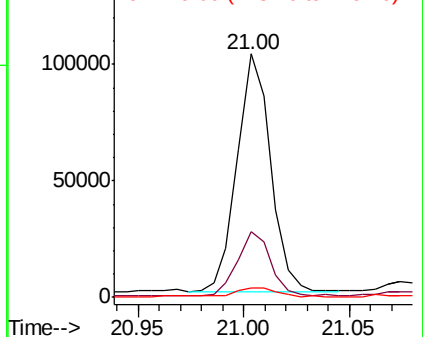
279 3.9 3.7 5.5



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: 1.297 ng/ul

RT: 21.10 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM024231.D

Acq: 24 Dec 2019 00:22

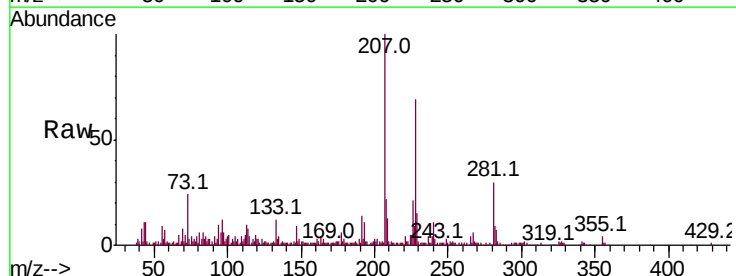
Tgt Ion:228 Resp: 100062

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

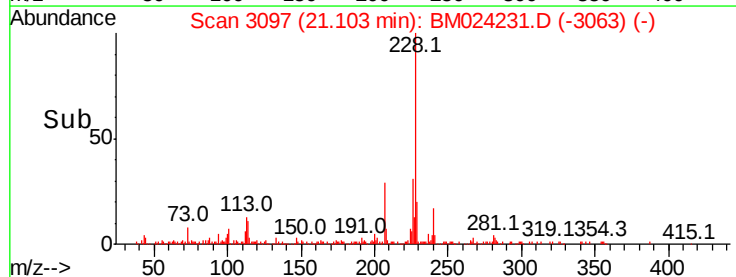
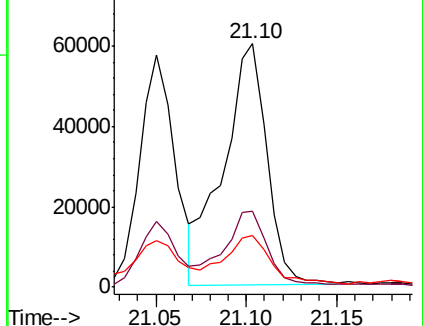
229 21.1 15.4 23.2

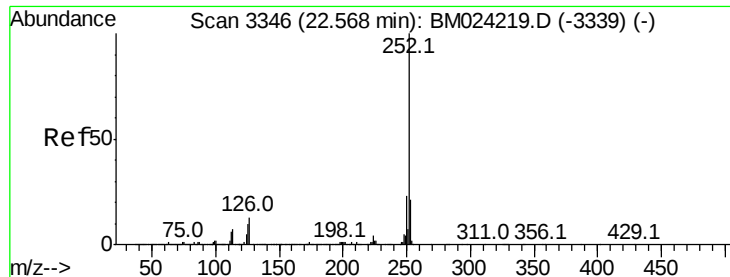


Abundance Ion 228.00 (227.70 to 228.70): E

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

Instrument :

BNA_M

ClientSampleId :

BFPZ7

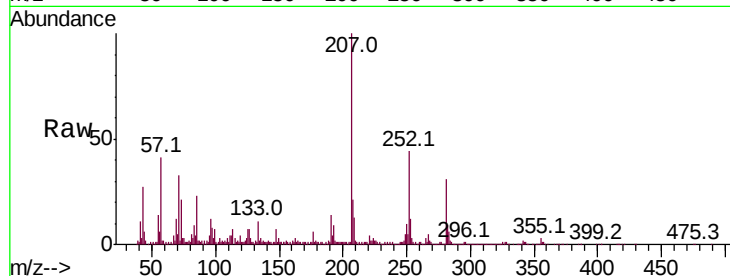
Tot Ion:252 Resp: 172492

Ion Ratio Lower Upper

252 100

253 26.5 17.2 25.8#

125 16.0 7.8 11.8#

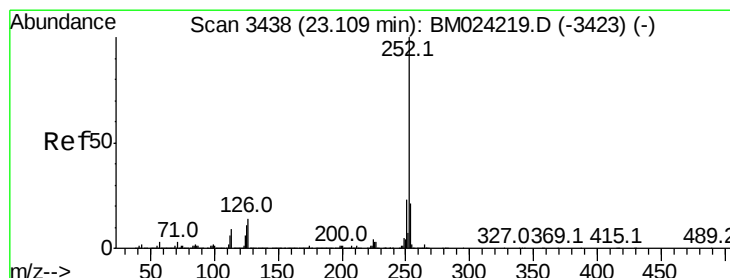
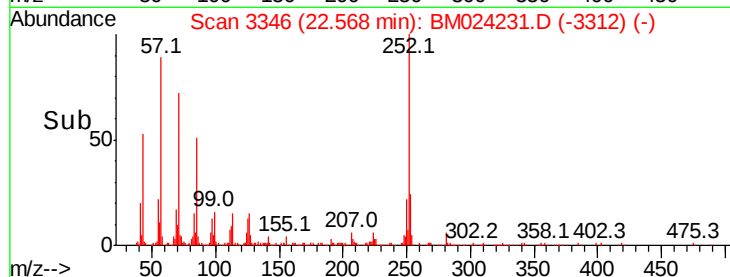
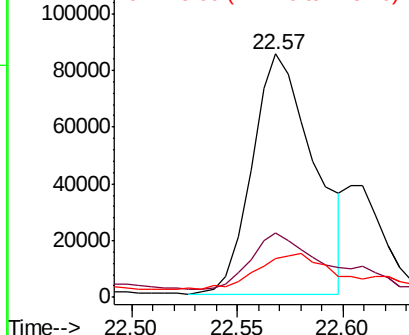


Abundance

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



#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

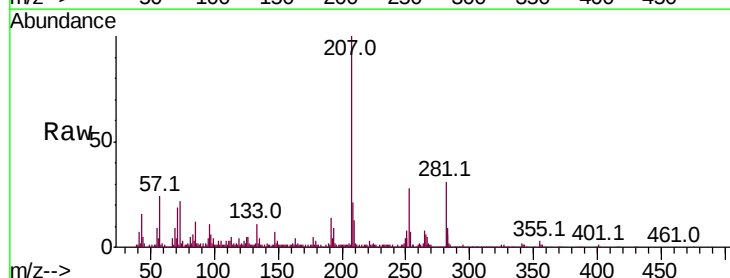
Tgt Ion:252 Resp: 98960

Ion Ratio Lower Upper

252 100

253 26.6 17.5 26.3#

125 19.0 8.2 12.4#

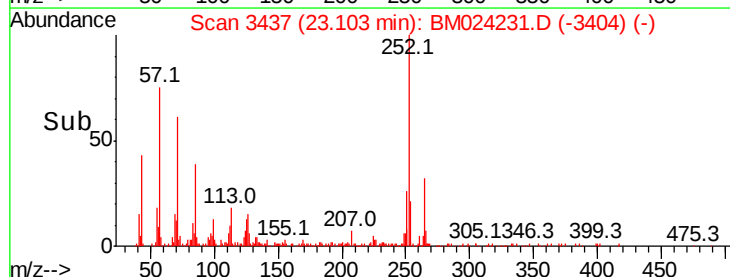
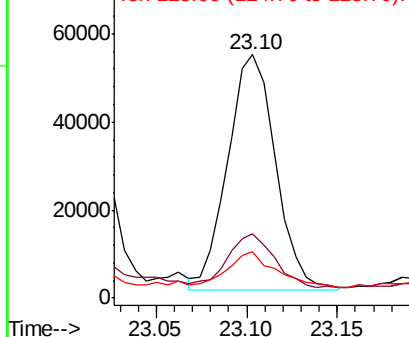


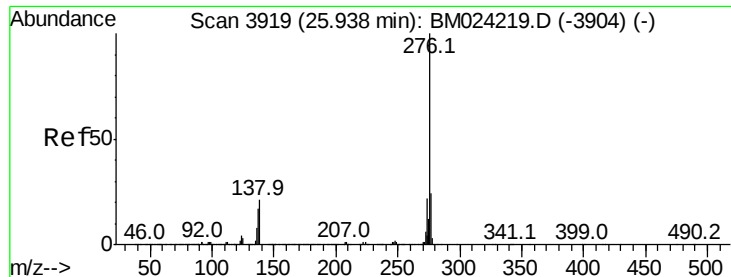
Abundance

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(a,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

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BFPZ7

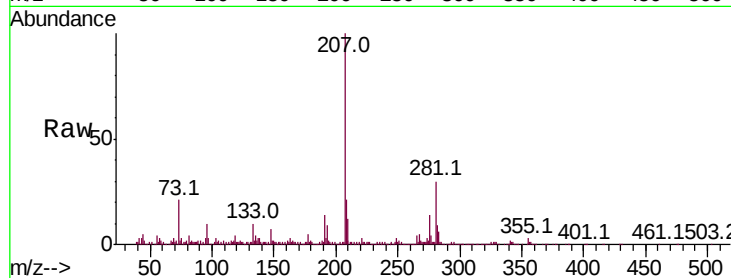
Tot Ion:276 Resp: 84449

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

