

Data File : BM024230.D
Acq On : 23 Dec 2019 23:47
Operator : JU
Sample : K6238-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFPZ6

Quant Time: Dec 24 03:32:58 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	219822	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	946154	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	585880	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1217014	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1144070	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1336349	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	20131	4.05	ng/uL	0.00
5) Phenol-d5	6.63	99	312129	15.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	242300	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	267955	18.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	187619	11.03	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	130965	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	136951	18.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	255474	17.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	166716	9.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	943829	21.79	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	1053214	20.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	30524	3.92	ng/ul	0.03
58) Fluorene-d10	15.10	176	821797	21.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	64452	8.68	ng/ul	0.00
71) Anthracene-d10	16.95	188	1167437	21.08	ng/ul	0.00
79) Pyrene-d10	19.26	212	1376449	25.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1540128	23.20	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.66	94	65909	3.067	ng/ul 93
14) Acetophenone	8.27	105	77489	3.020	ng/ul 97
45) Dimethylphthalate	13.57	163	194706	4.324	ng/ul 98
64) 4,6-Dinitro-2-methylphenol	15.18	198	11740	1.481	ng/ul# 66
77) Fluoranthene	18.93	202	76313	1.028	ng/ul# 95
80) Pyrene	19.29	202	76486	1.024	ng/ul# 94
84) Bis(2-ethylhexyl)phthalate	21.00	149	68676	1.566	ng/ul 99
88) Benzo(b)fluoranthene	22.57	252	116114	1.452	ng/ul# 83
89) Benzo(k)fluoranthene	22.57	252	116114	1.480	ng/ul# 84
91) Benzo(a)pyrene	23.10	252	72916	1.008	ng/ul# 89

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

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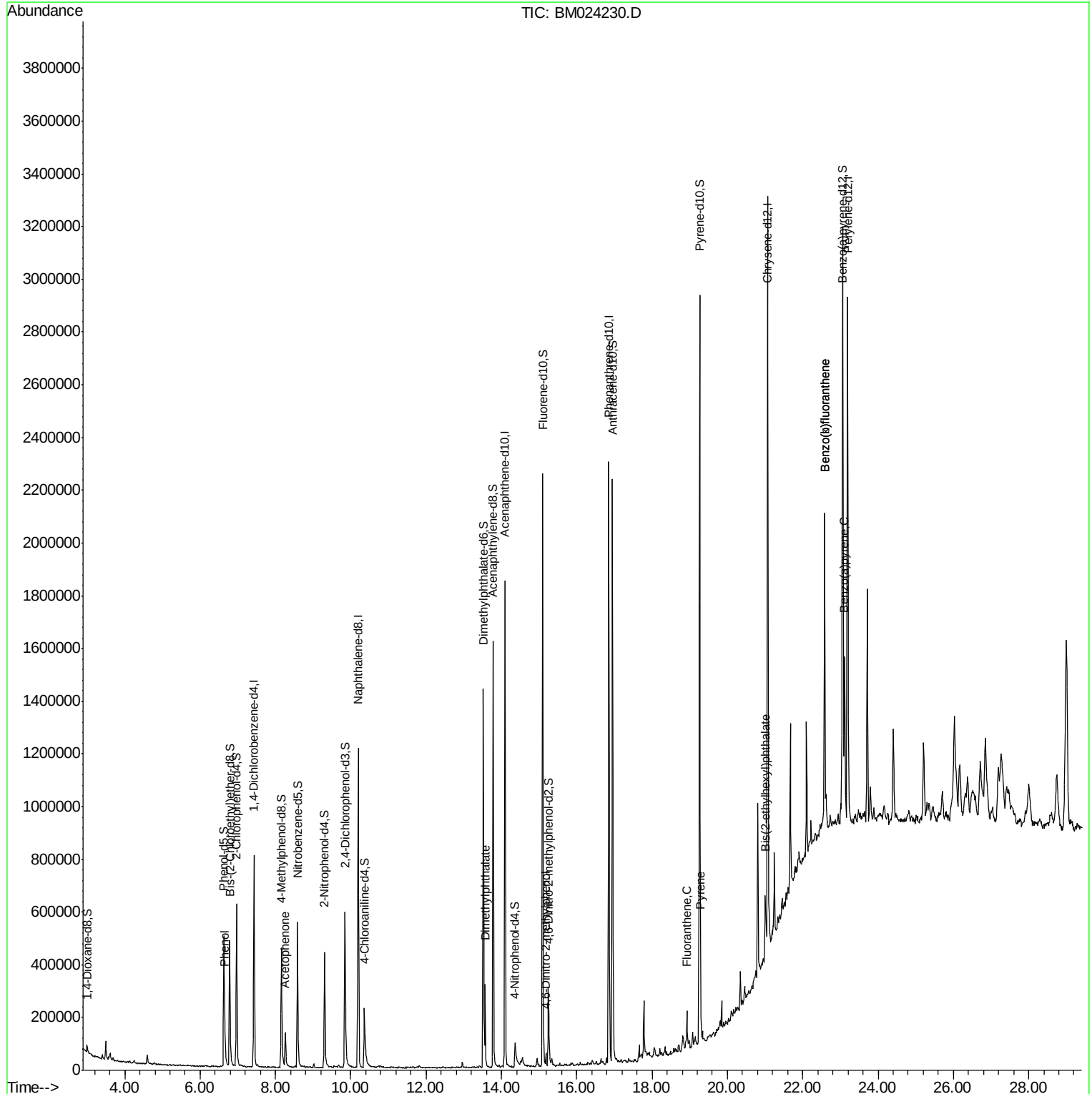
Quant Time: Dec 24 03:32:58 2019

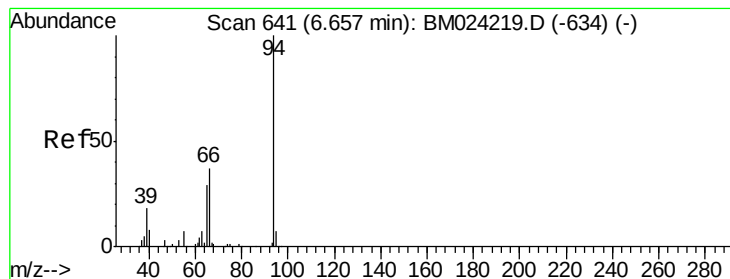
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M

Quant Title : SVOA CALIBRATION

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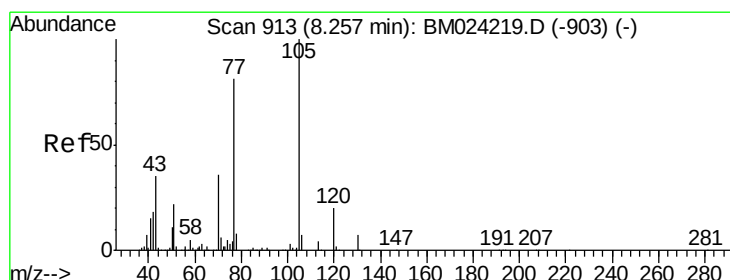
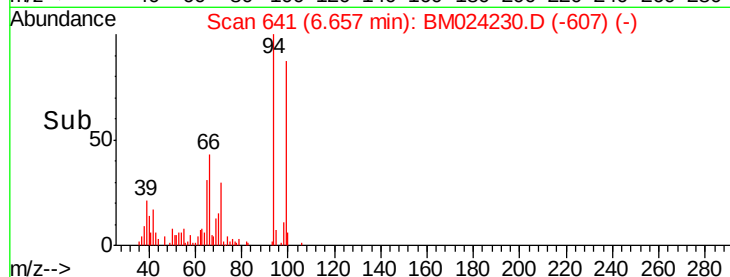
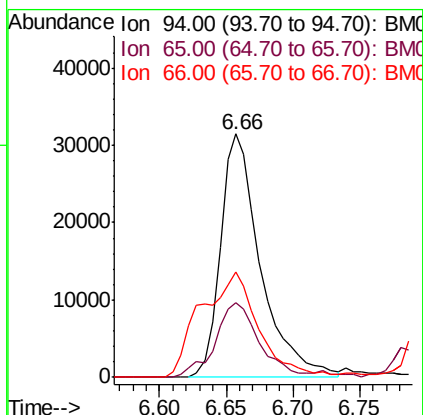
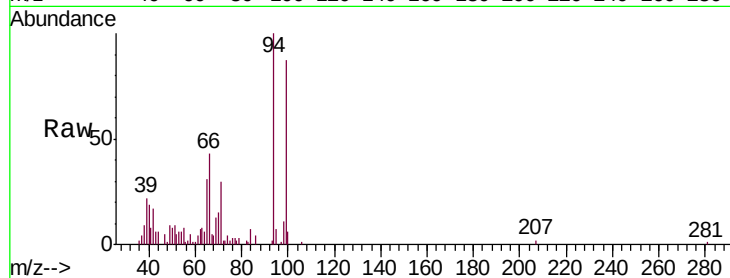
#6

Phenol

Concen: 3.067 ng/ul
 RT: 6.66 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BM024230.D
 Acq: 23 Dec 2019 23:47

Instrument :
 BNA_M
 ClientSampleId :
 BFPZ6

Tgt Ion: 94 Resp: 65909
 Ion Ratio Lower Upper
 94 100
 65 30.5 22.6 33.8
 66 43.5 30.7 46.1

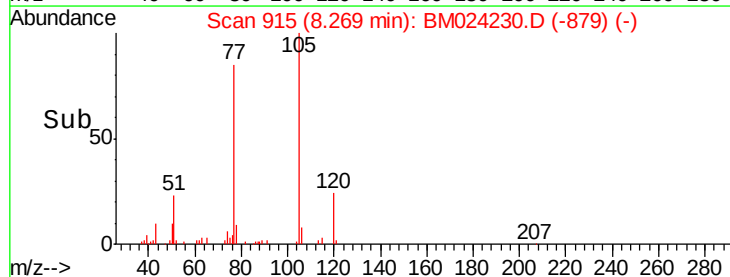
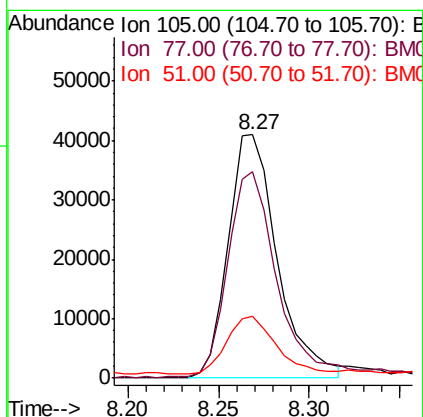
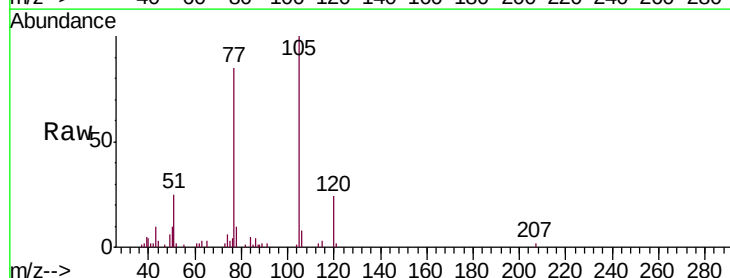


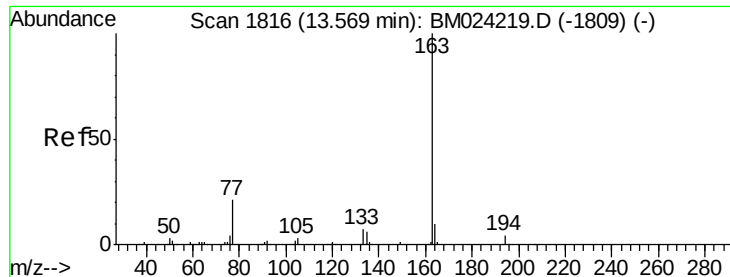
#14

Acetophenone

Concen: 3.020 ng/ul
 RT: 8.27 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BM024230.D
 Acq: 23 Dec 2019 23:47

Tgt Ion: 105 Resp: 77489
 Ion Ratio Lower Upper
 105 100
 77 84.7 65.6 98.4
 51 25.2 18.3 27.5

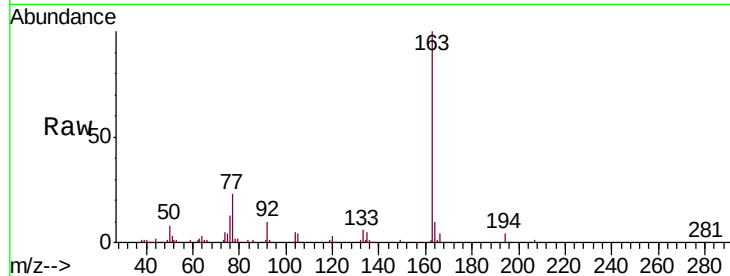




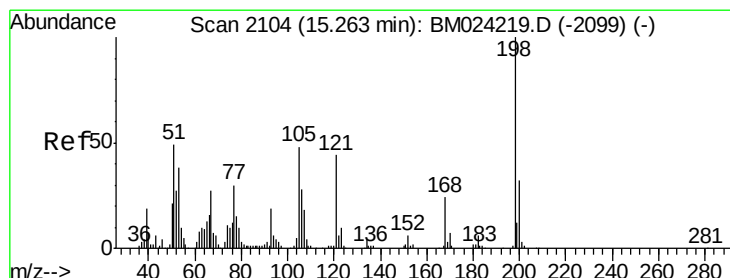
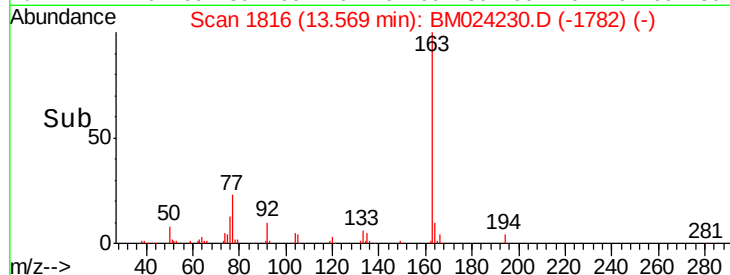
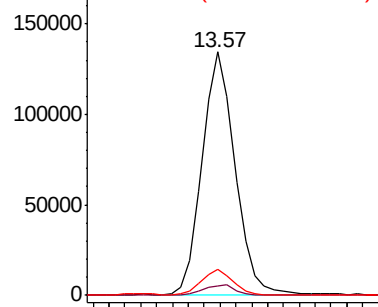
#45
Dimethylphthalate
Concen: 4.324 ng/ul
RT: 13.57 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BM024230.D
Acq: 23 Dec 2019 23:47

Instrument :
BNA_M
ClientSampleId :
BFPZ6

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.5	7.8	11.6

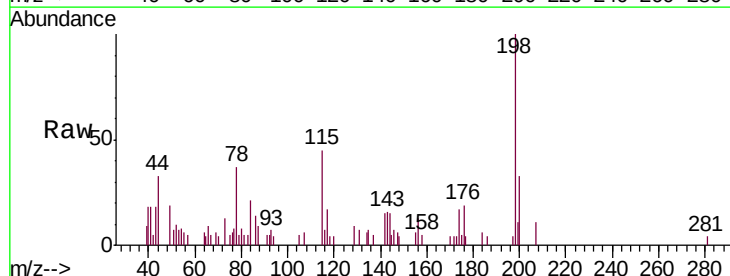


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

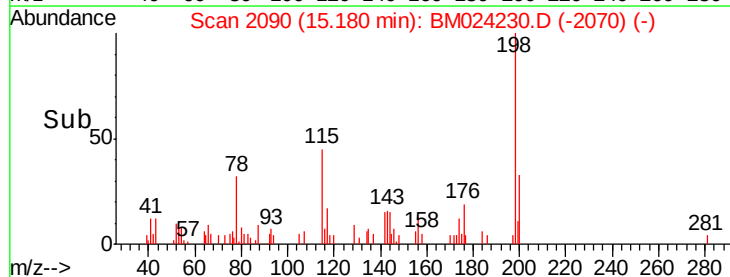
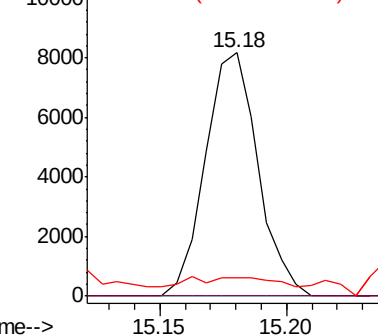


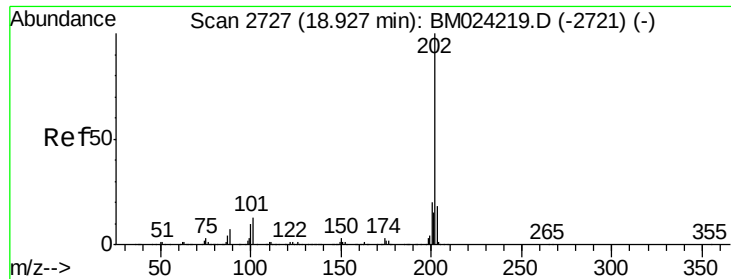
#64
4,6-Dinitro-2-methylphenol
Concen: 1.481 ng/ul
RT: 15.18 min Scan# 2090
Delta R.T. -0.08 min
Lab File: BM024230.D
Acq: 23 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
198	100		
182	0.0	4.1	6.1#
77	7.8	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

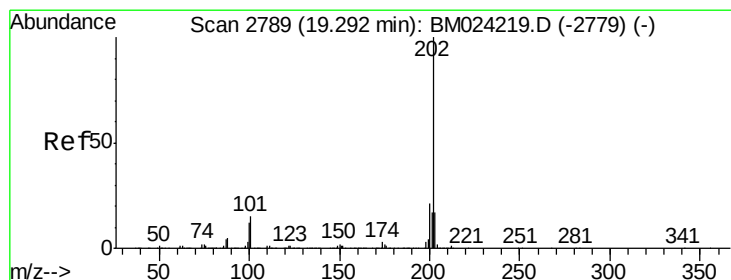
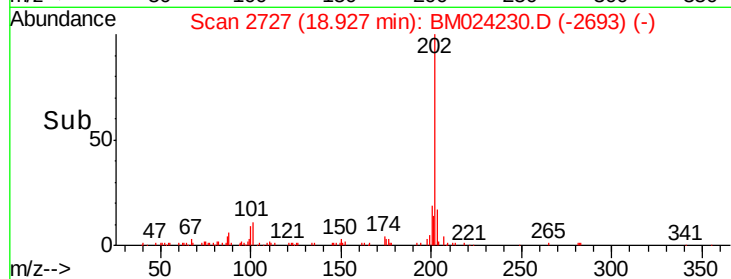
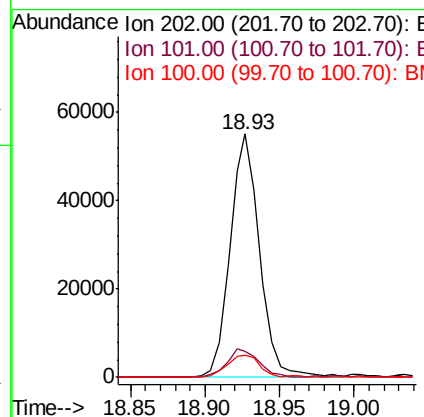
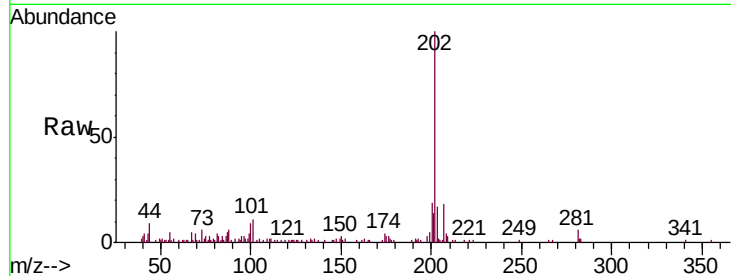




#77
 Fluoranthene
 Concen: 1.028 ng/ul
 RT: 18.93 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM024230.D
 Acq: 23 Dec 2019 23:47

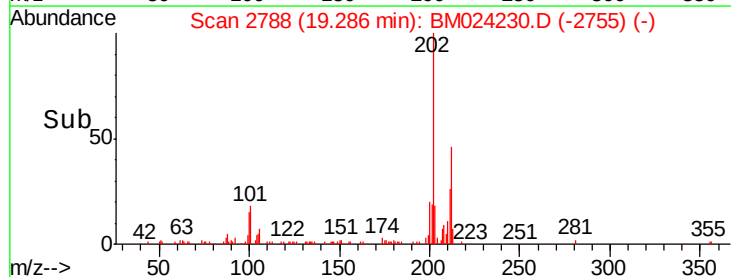
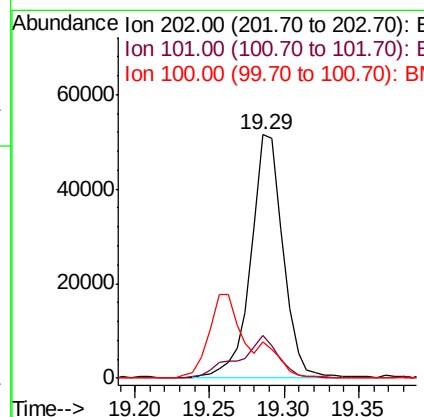
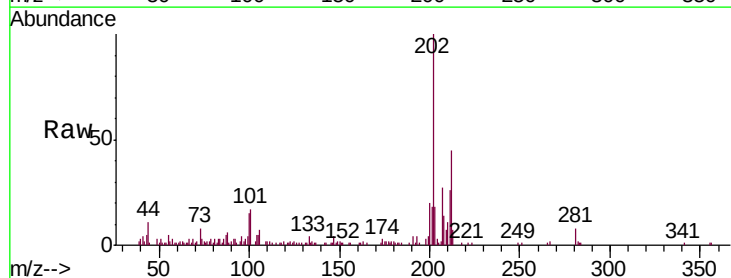
Instrument :
 BNA_M
 ClientSampleId :
 BFPZ6

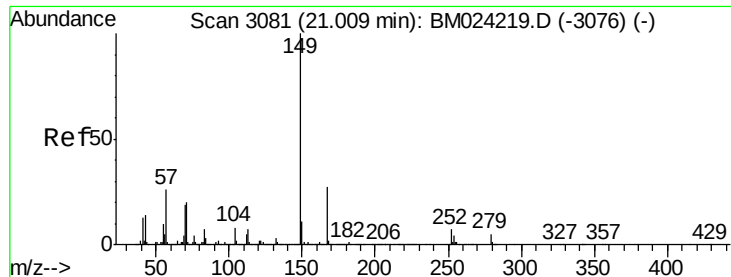
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	10.6	15.8#
100	9.3	8.1	12.1



#80
 Pyrene
 Concen: 1.024 ng/ul
 RT: 19.29 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BM024230.D
 Acq: 23 Dec 2019 23:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.5	12.2	18.4
100	15.0	10.0	15.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.566 ng/ul

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM024230.D

Acq: 23 Dec 2019 23:47

Instrument :

BNA_M

ClientSampleId :

BFPZ6

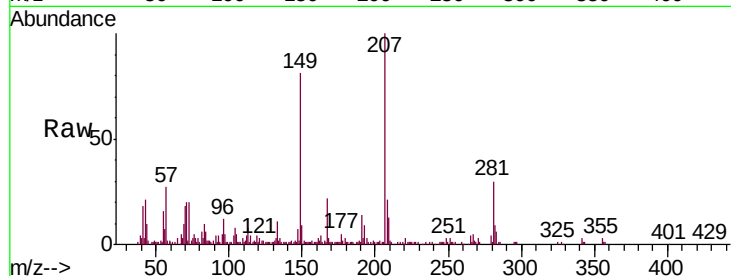
Tgt Ion:149 Resp: 68676

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 4.4 3.7 5.5

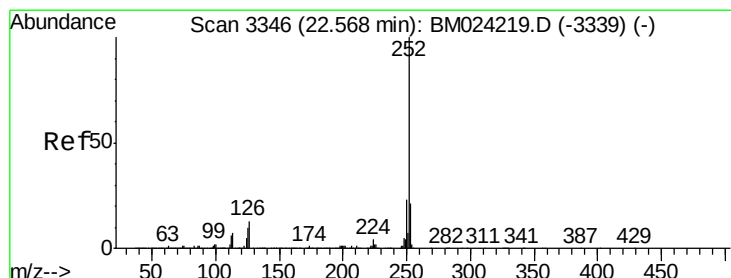
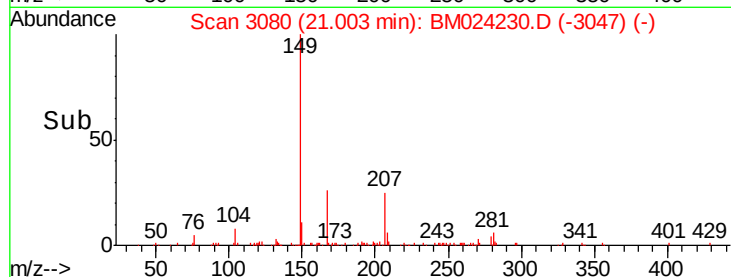
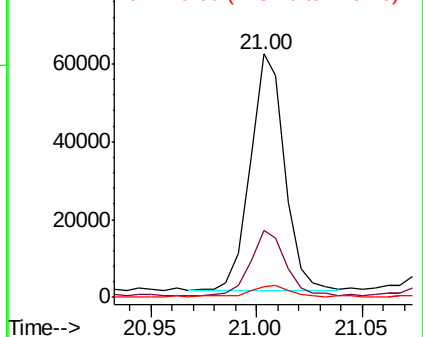


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 1.452 ng/ul

RT: 22.57 min Scan# 3347

Delta R.T. 0.01 min

Lab File: BM024230.D

Acq: 23 Dec 2019 23:47

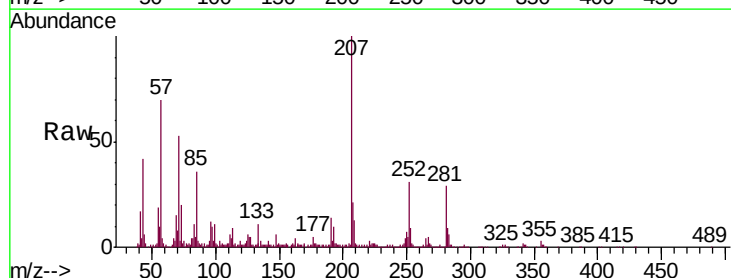
Tgt Ion:252 Resp: 116114

Ion Ratio Lower Upper

252 100

253 28.0 17.2 25.8#

125 19.3 7.8 11.8#

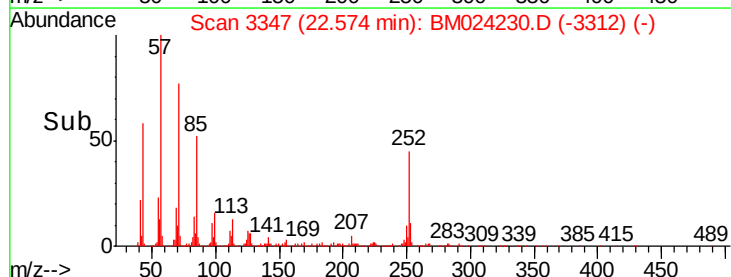
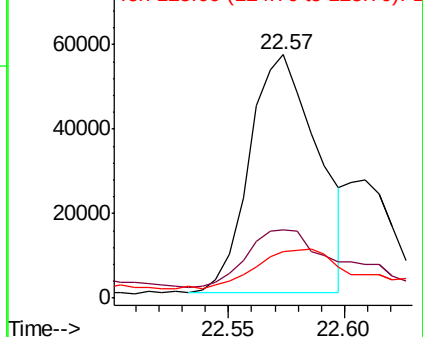


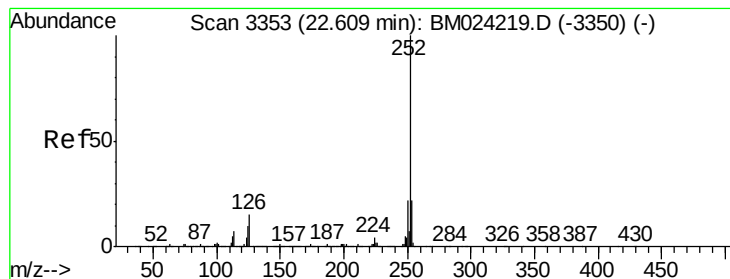
Abundance

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: 1.480 ng/ul

RT: 22.57 min Scan# 3347

Delta R.T. -0.04 min

Lab File: BM024230.D

Acq: 23 Dec 2019 23:47

Instrument :

BNA_M

ClientSampleId :

BFPZ6

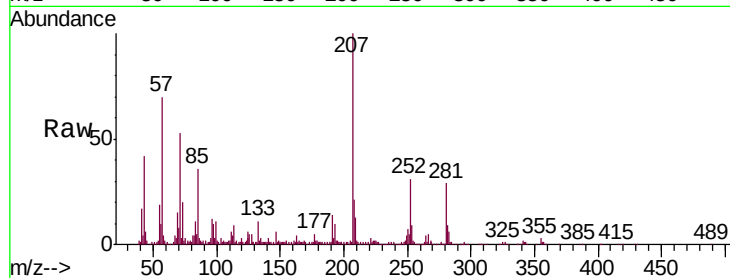
Tgt Ion:252 Resp: 116114

Ion Ratio Lower Upper

252 100

253 28.0 17.8 26.8#

125 19.3 7.9 11.9#

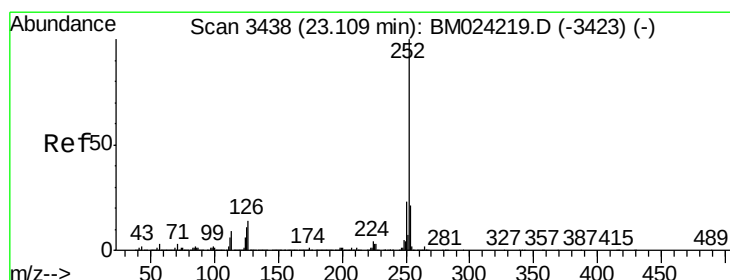
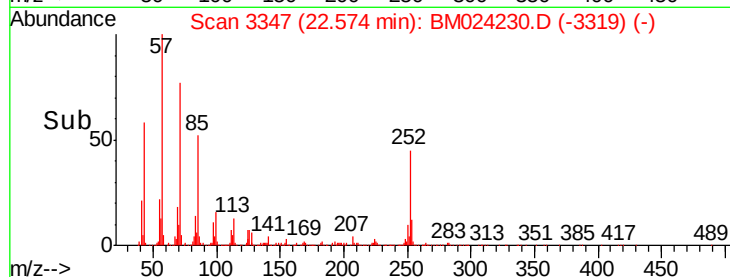
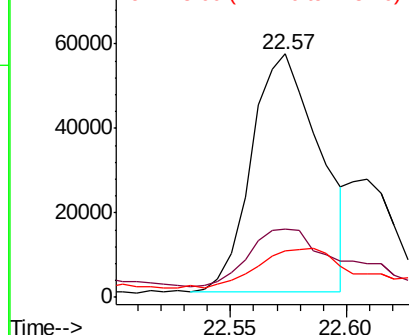


Abundance

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: 1.008 ng/ul

RT: 23.10 min Scan# 3437

Delta R.T. -0.01 min

Lab File: BM024230.D

Acq: 23 Dec 2019 23:47

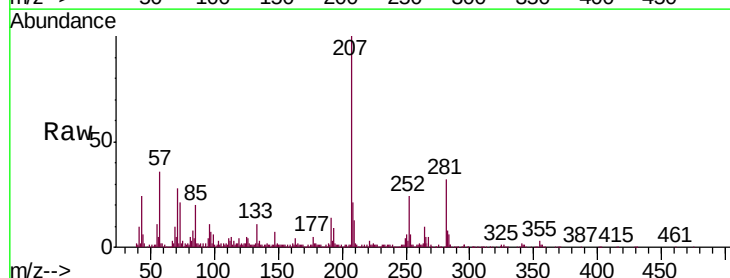
Tgt Ion:252 Resp: 72916

Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

125 20.1 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

