

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012383.D
 Acq On : 22 Oct 2017 06:19
 Operator : SJ/JU
 Sample : I5771-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 08:34:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 08:22:49 2017
 Response via : Initial Calibration

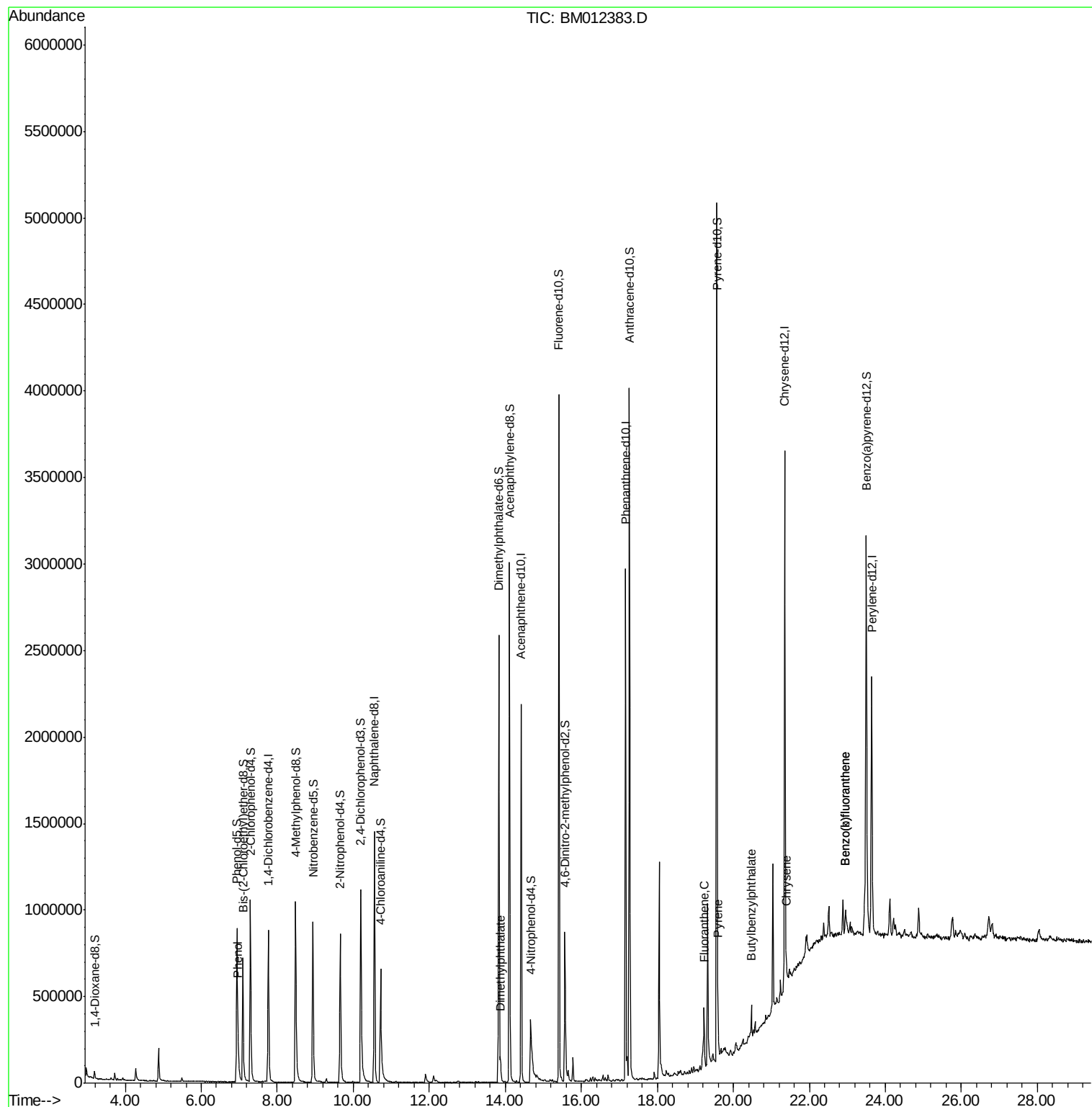
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	260567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1149030	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	716471	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1624802	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1387742	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1098302	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	22796	4.16	ng/uL	0.00
5) Phenol-d5	6.94	99	523533	24.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	337067	26.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	477869	26.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	452764	24.87	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	228746	26.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	274661	26.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	500753	25.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	462065	25.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1819073	28.73	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	2125341	27.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	159397	16.74	ng/ul	0.00
57) Fluorene-d10	15.41	176	1513464	29.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	225609	20.23	ng/ul	0.00
70) Anthracene-d10	17.27	188	2252840	28.04	ng/ul	0.00
76) Pyrene-d10	19.57	212	2531500	35.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1574248	29.73	ng/ul	0.00
Target Compounds						
6) Phenol	6.97	94	79994	3.660	ng/ul#	90
44) Dimethylphthalate	13.87	163	88637	1.397	ng/ul	99
74) Fluoranthene	19.23	202	179838	1.612	ng/ul#	98
77) Pyrene	19.59	202	175163	1.911	ng/ul	98
78) Butylbenzylphthalate	20.48	149	50842	1.246	ng/ul	90
82) Chrysene	21.39	228	94015	1.109	ng/ul	97
85) Benzo(b)fluoranthene	22.95	252	101434	1.415	ng/ul#	85
86) Benzo(k)fluoranthene	22.95	252	101434	1.469	ng/ul#	86

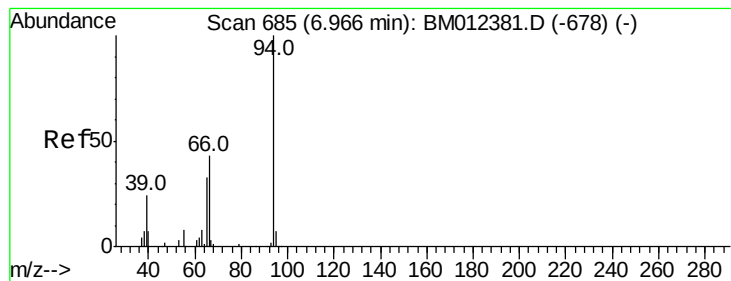
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.660 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM012383.D

Acq: 22 Oct 2017 06:19

Instrument :

BNA_M

ClientSampleId :

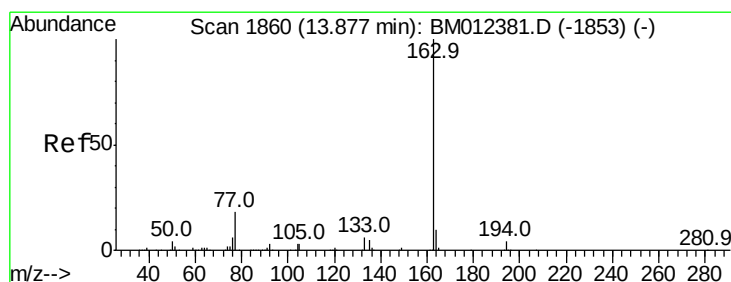
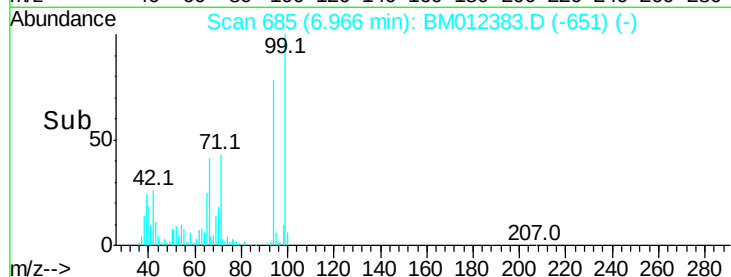
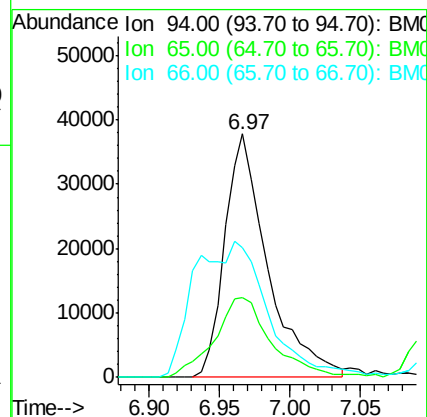
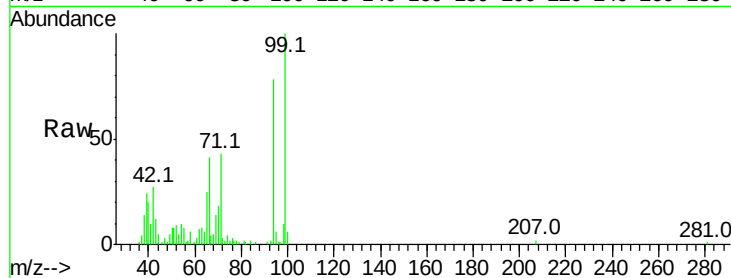
Tot Ion: 94 Resp: 79994

Ion Ratio Lower Upper

94 100

65 32.7 24.4 36.6

66 53.2 35.0 52.4#



#44

Dimethylphthalate

Concen: 1.397 ng/ul

RT: 13.87 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM012383.D

Acq: 22 Oct 2017 06:19

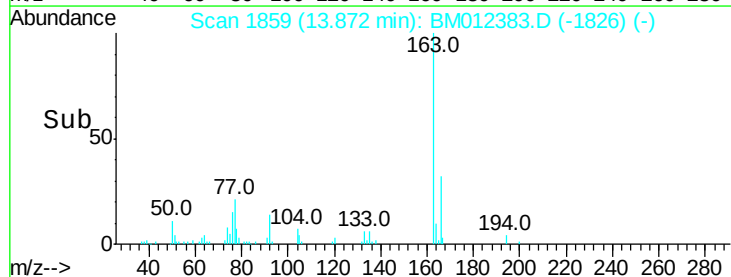
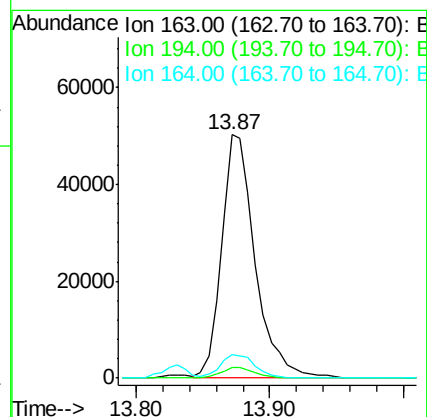
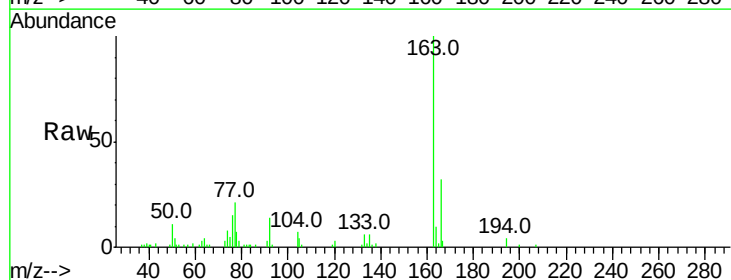
Tgt Ion: 163 Resp: 88637

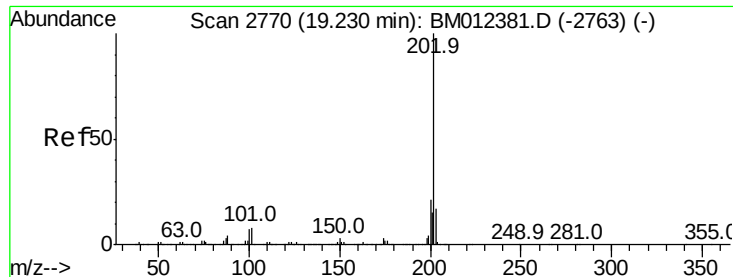
Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

164 9.6 8.1 12.1





#74

Fluoranthene

Concen: 1.612 ng/ul

RT: 19.23 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM012383.D

Acq: 22 Oct 2017 06:19

Instrument :

BNA_M

ClientSampleId :

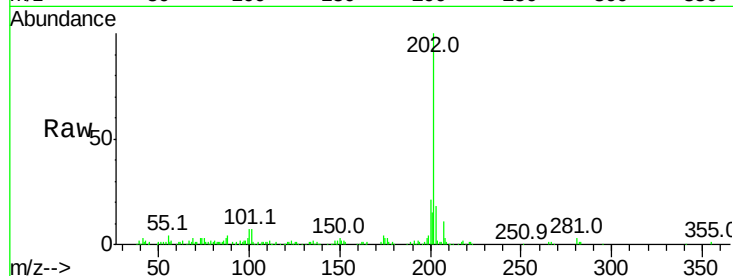
Tot Ion:202 Resp: 179838

Ion Ratio Lower Upper

202 100

101 7.2 5.8 8.6

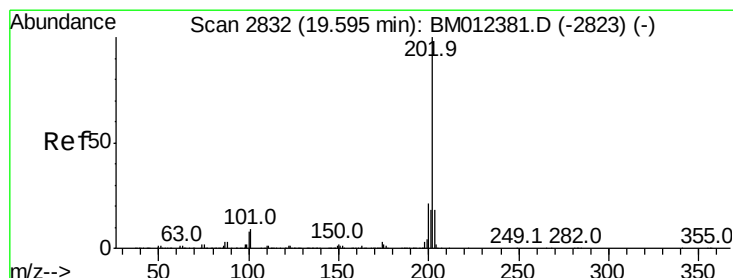
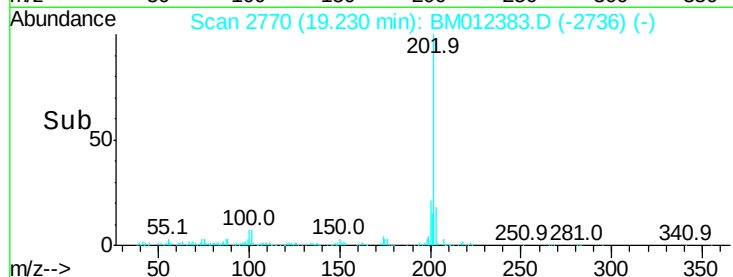
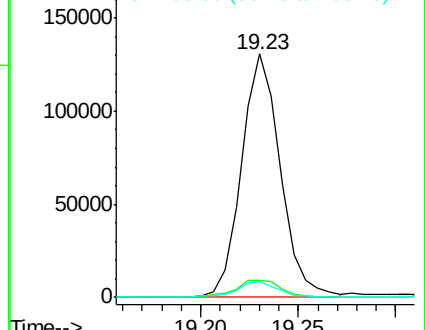
100 6.7 4.3 6.5#



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



#77

Pyrene

Concen: 1.911 ng/ul

RT: 19.59 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BM012383.D

Acq: 22 Oct 2017 06:19

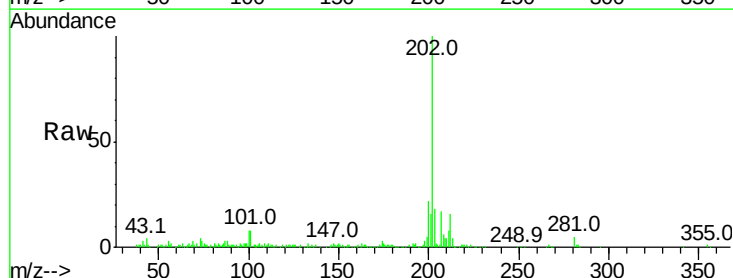
Tgt Ion:202 Resp: 175163

Ion Ratio Lower Upper

202 100

101 8.2 6.5 9.7

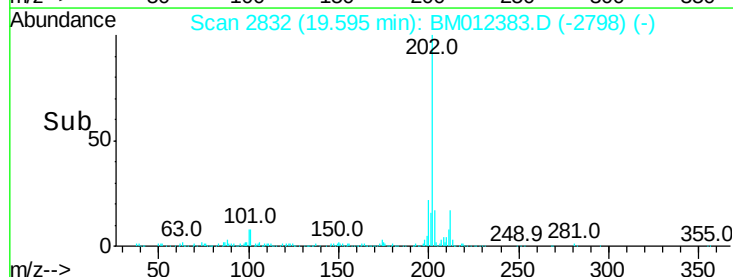
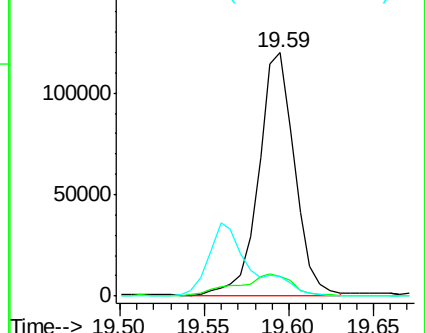
100 8.0 5.6 8.4

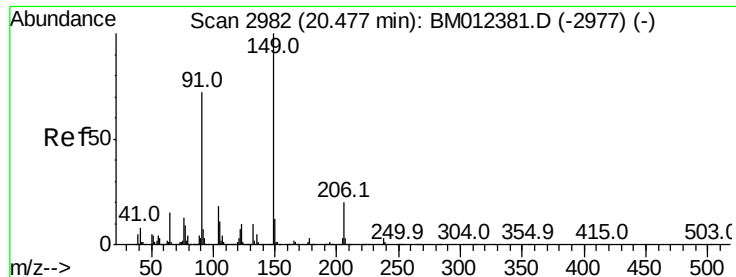


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

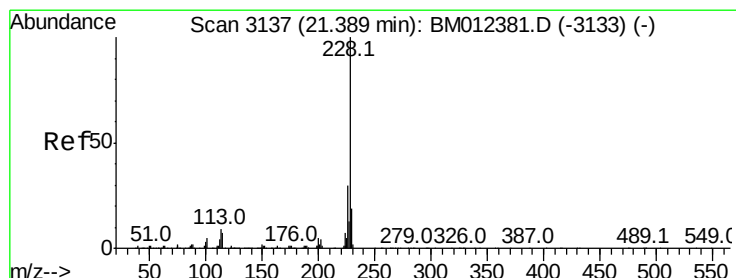
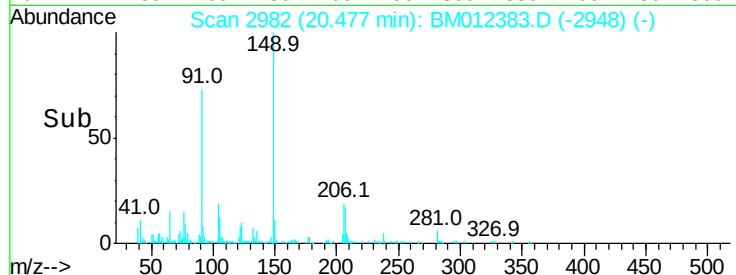
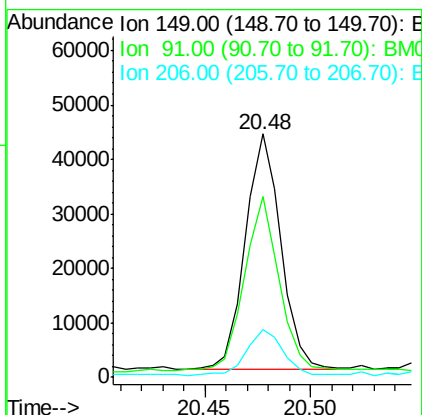
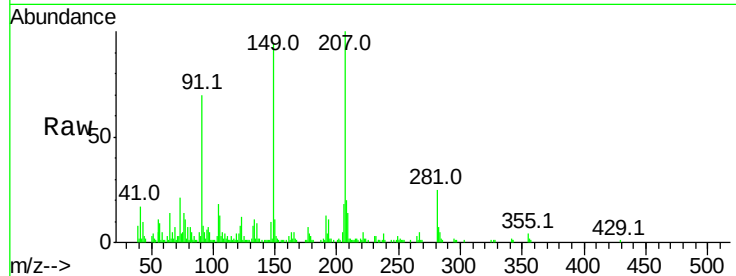




#78
Butylbenzylphthalate
Concen: 1.246 ng/ul
RT: 20.48 min Scan# 2982
Delta R.T. 0.00 min
Lab File: BM012383.D
Acq: 22 Oct 2017 06:19

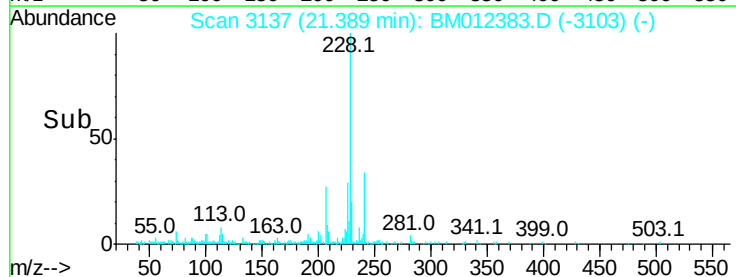
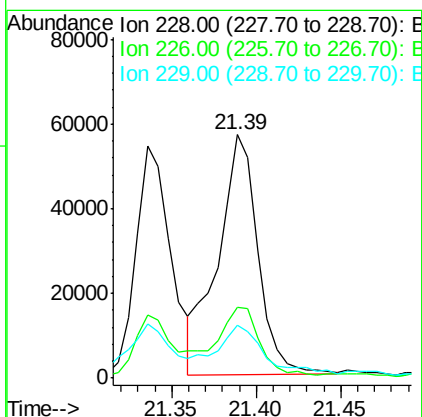
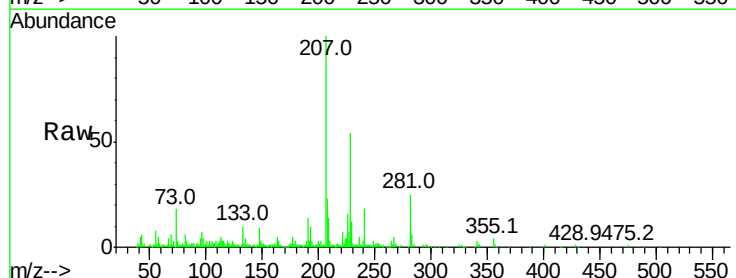
Instrument :
BNA_M
ClientSampleId :

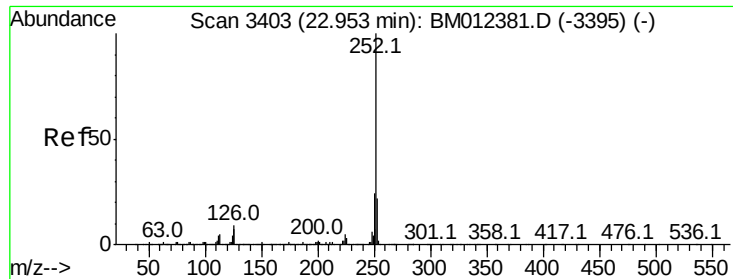
Tot Ion:149 Resp: 50842
Ion Ratio Lower Upper
149 100
91 74.3 52.8 79.2
206 19.5 19.1 28.7



#82
Chrysene
Concen: 1.109 ng/ul
RT: 21.39 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BM012383.D
Acq: 22 Oct 2017 06:19

Tgt Ion:228 Resp: 94015
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 21.7 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 1.415 ng/ul

RT: 22.95 min Scan# 3403

Delta R.T. 0.00 min

Lab File: BM012383.D

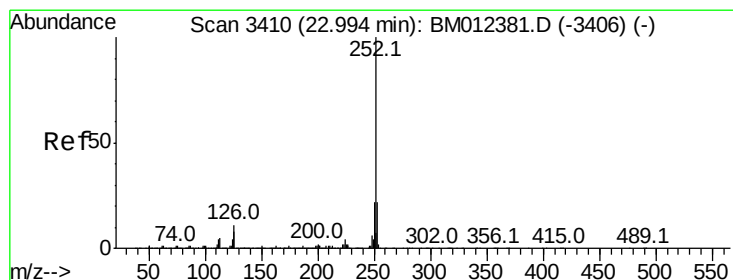
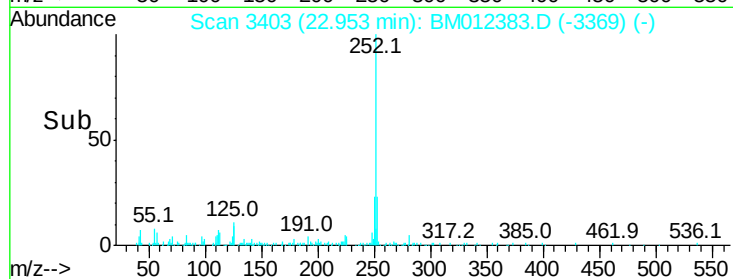
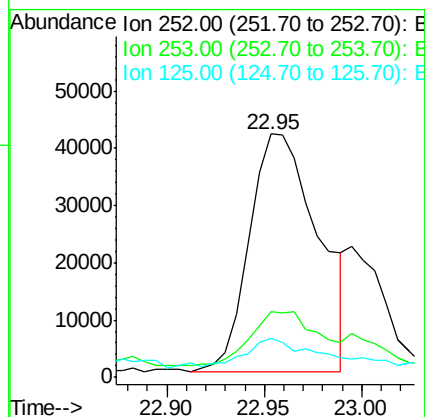
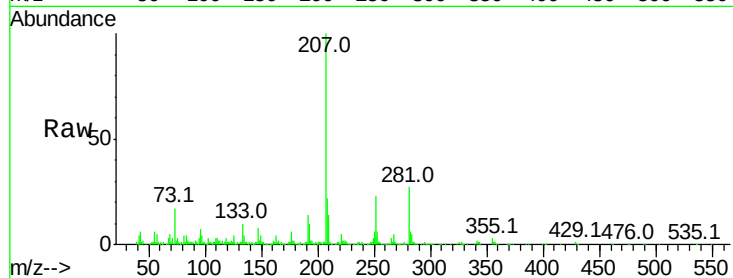
Acq: 22 Oct 2017 06:19

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	101434
Ion Ratio	Lower	Upper
252	100	
253	27.0	17.4 26.2#
125	15.8	5.1 7.7#



#86

Benzo(k)fluoranthene

Concen: 1.469 ng/ul

RT: 22.95 min Scan# 3403

Delta R.T. -0.04 min

Lab File: BM012383.D

Acq: 22 Oct 2017 06:19

Tgt Ion:252	Resp:	101434
Ion Ratio	Lower	Upper
252	100	
253	27.0	17.8 26.6#
125	15.8	4.9 7.3#

