

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012520.D
 Acq On : 28 Oct 2017 12:02
 Operator : SJ/JU
 Sample : I5786-11 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 05:39:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 05:30:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	776122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2962008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1598793	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2991769	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2893148	20.00	ng/ul	0.01
83) Perylene-d12	23.73	264	3397060	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.36	96	13787	0.91	ng/uL	0.00
5) Phenol-d5	7.04	99	158378	2.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	168777	4.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	36356	0.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	110933	2.00	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	106697	5.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	3689	0.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	6168	0.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	138192	2.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	644611	4.62	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	794198	4.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	706	0.03	ng/ul	0.01
57) Fluorene-d10	15.49	176	543111	4.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	408	0.03	ng/ul	-0.01
70) Anthracene-d10	17.34	188	726065	5.09	ng/ul	0.00
76) Pyrene-d10	19.63	212	685933	5.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	807104	5.00	ng/ul	0.02

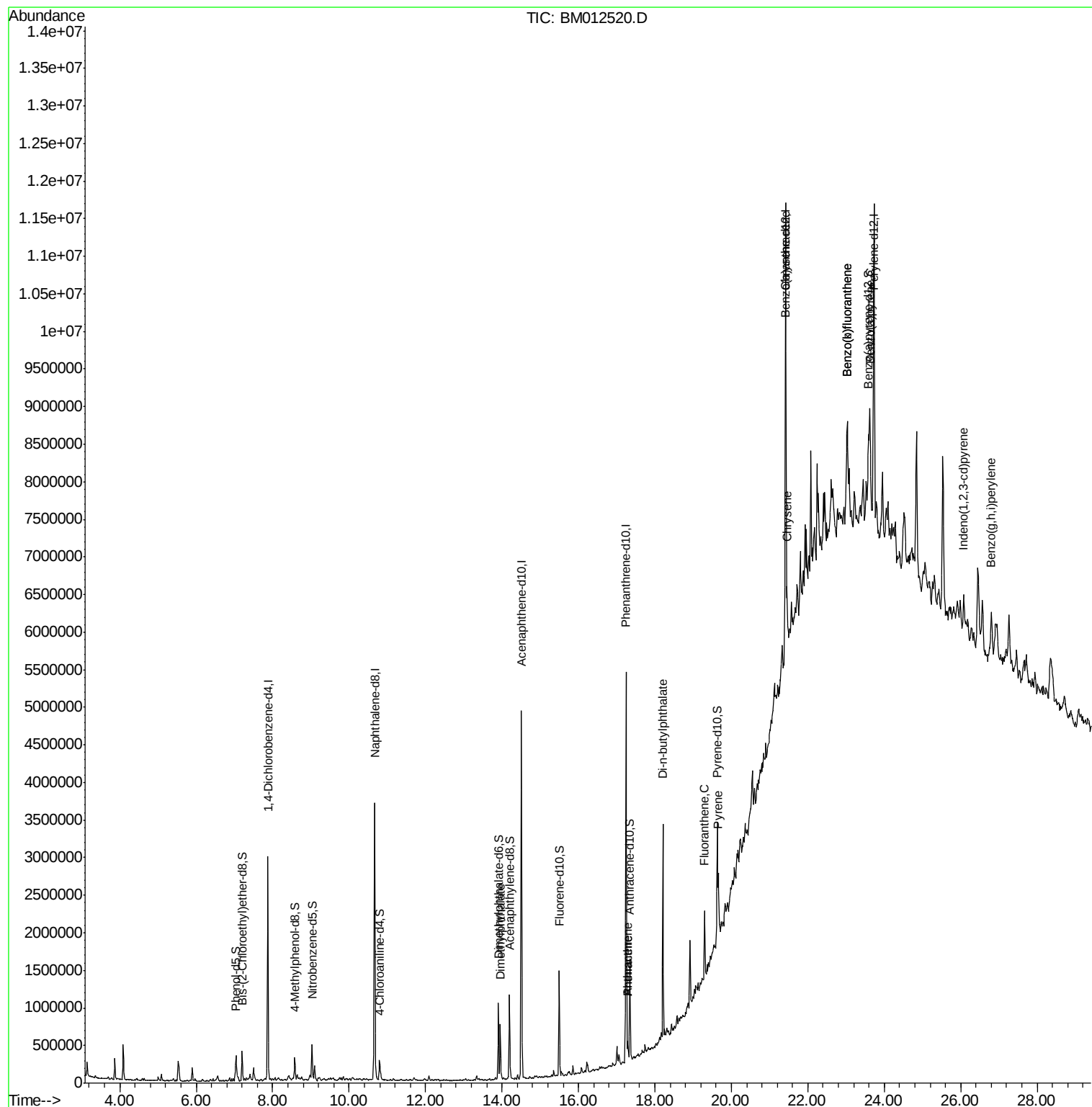
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.96	163	425751	3.08	ng/ul	99
69) Phenanthrene	17.29	178	172745	1.07	ng/ul	98
71) Anthracene	17.29	178	172745	1.03	ng/ul	99
73) Di-n-butylphthalate	18.21	149	1941387	10.99	ng/ul#	98
74) Fluoranthene	19.30	202	497009	2.71	ng/ul#	93
77) Pyrene	19.66	202	482926	2.94	ng/ul#	93
80) Benzo(a)anthracene	21.40	228	380964	2.20	ng/ul#	87
82) Chrysene	21.46	228	476354	3.09	ng/ul#	91
85) Benzo(b)fluoranthene	23.03	252	831137	3.96	ng/ul#	70
86) Benzo(k)fluoranthene	23.03	252	831137	4.21	ng/ul#	68
88) Benzo(a)pyrene	23.63	252	606002	3.03	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	26.08	276	551704	2.34	ng/ul#	90
91) Benzo(g,h,i)perylene	26.80	276	498169	2.61	ng/ul#	89

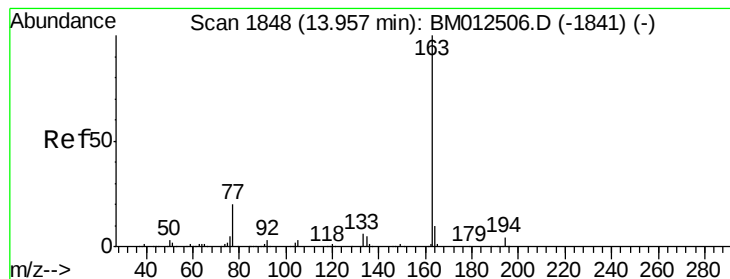
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 05:30:34 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.08 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Instrument :

BNA_M

ClientSampleId :

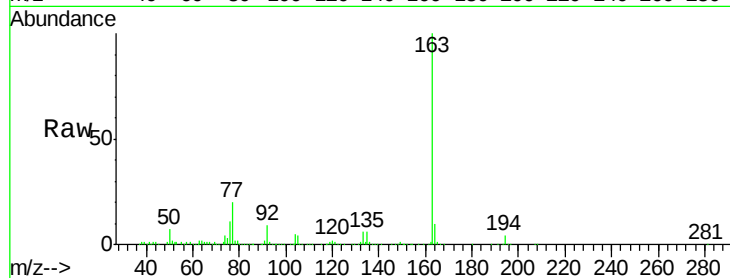
Tot Ion:163 Resp: 425751

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

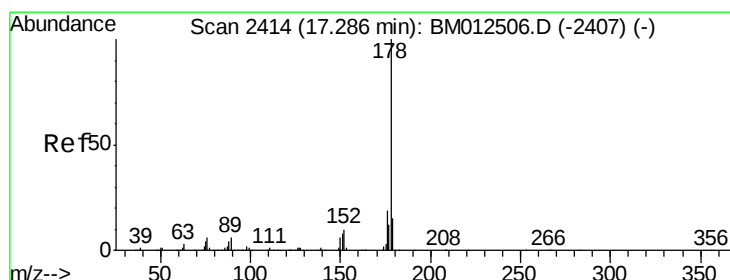
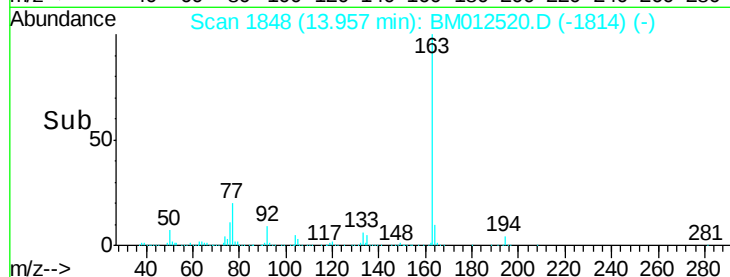
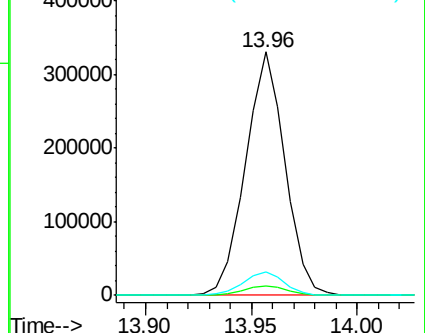
164 9.8 8.2 12.4



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



#69

Phenanthrene

Concen: 1.07 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

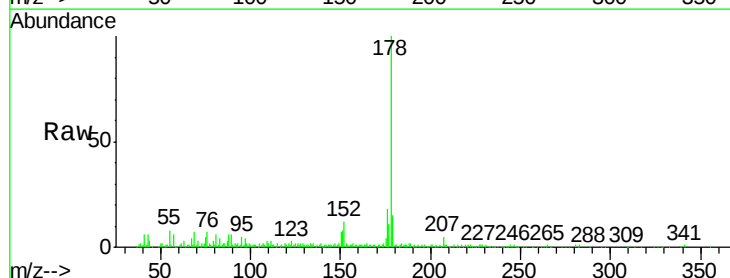
Tgt Ion:178 Resp: 172745

Ion Ratio Lower Upper

178 100

179 15.0 12.6 19.0

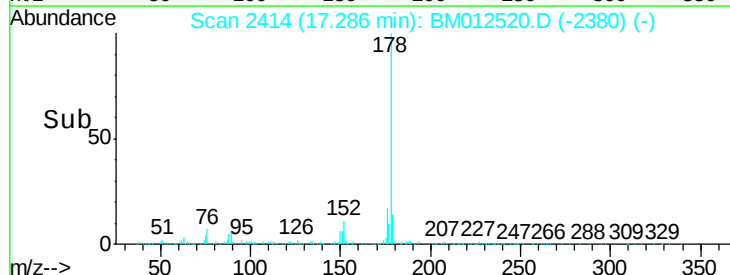
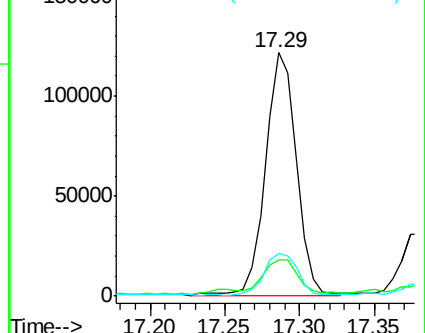
176 17.7 14.9 22.3

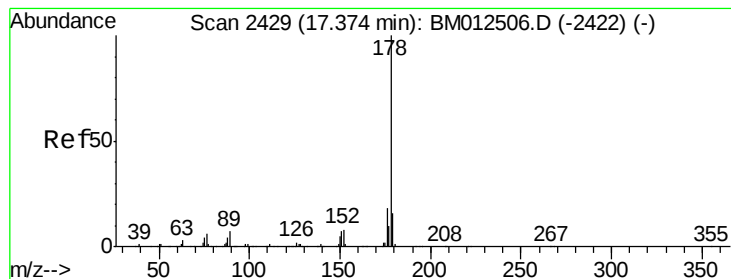


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.03 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.09 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

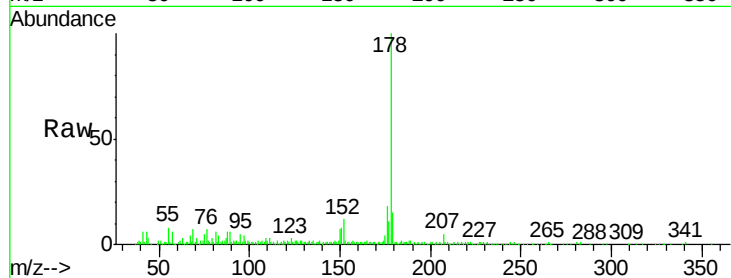
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 172745

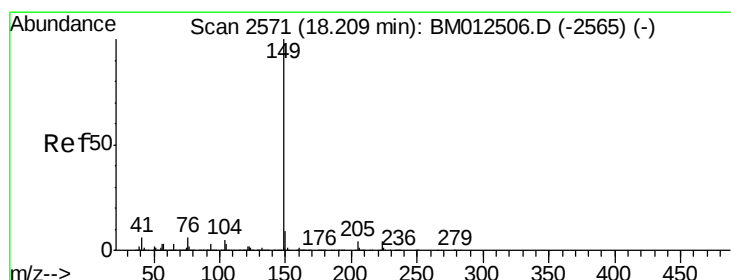
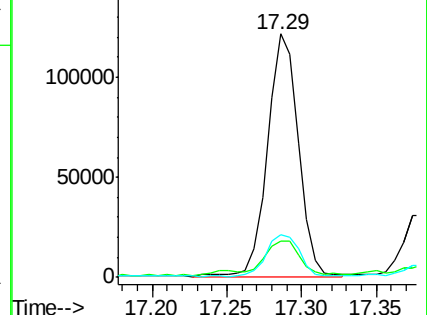
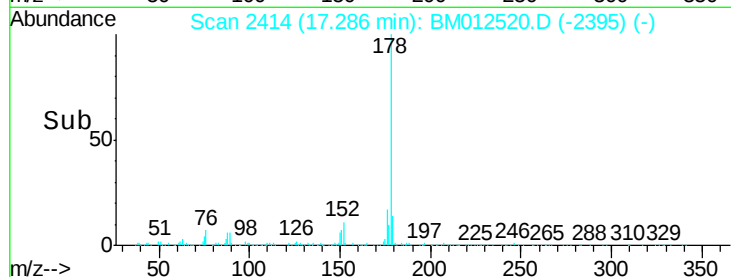
Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	17.7	14.6	21.8



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



#73

Di-n-butylphthalate

Concen: 10.99 ng/ul

RT: 18.21 min Scan# 2571

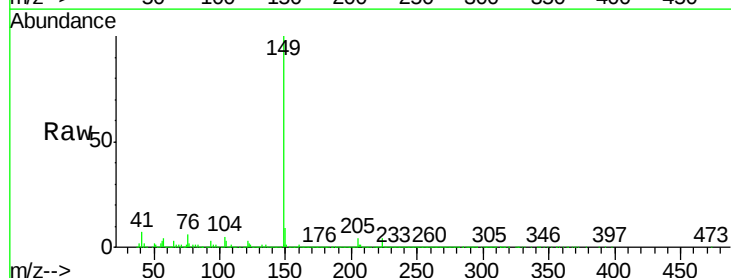
Delta R.T. -0.00 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Tgt Ion:149 Resp: 1941387

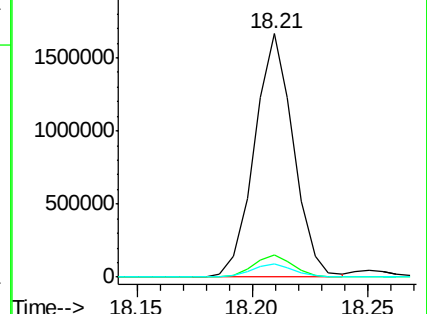
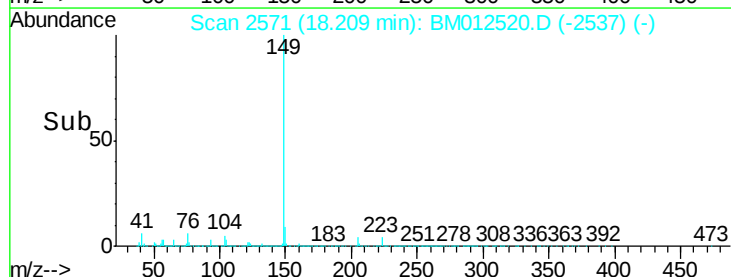
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.1	10.7
104	5.5	5.6	8.4#

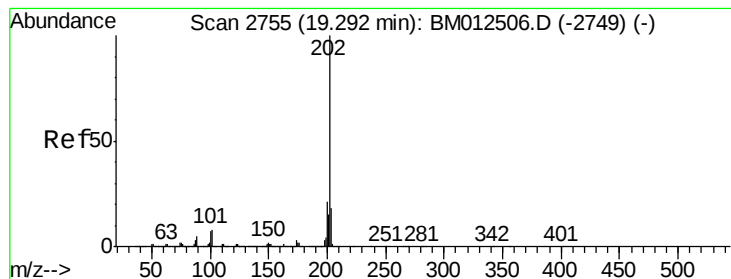


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 2.71 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Instrument :

BNA_M

ClientSampleId :

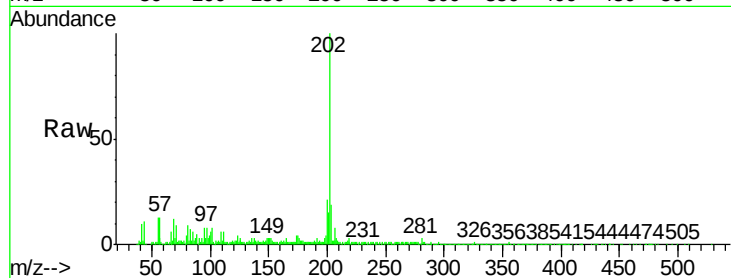
Tot Ion:202 Resp: 497009

Ion Ratio Lower Upper

202 100

101 8.5 4.6 7.0#

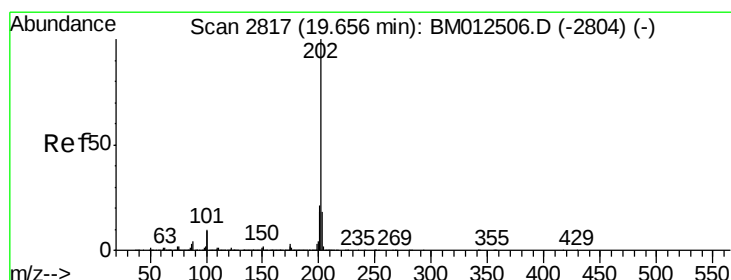
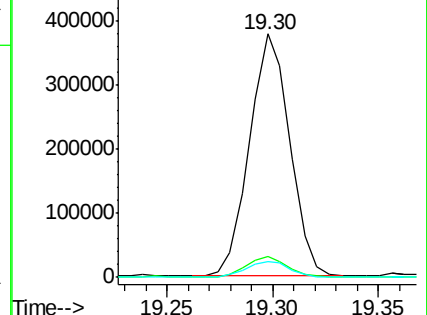
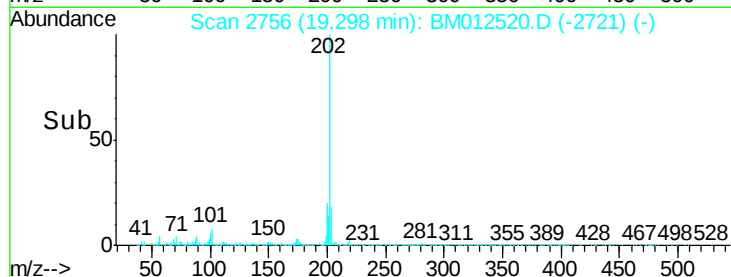
100 6.3 3.4 5.2#



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: 2.94 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

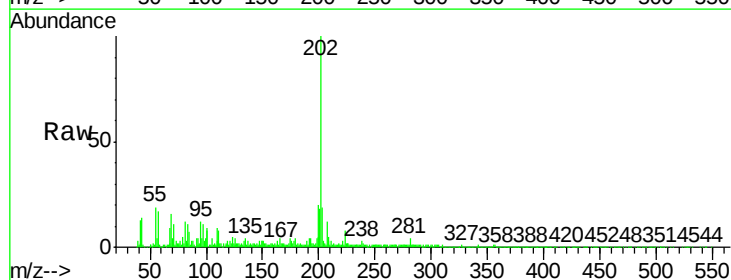
Tgt Ion:202 Resp: 482926

Ion Ratio Lower Upper

202 100

101 9.0 5.1 7.7#

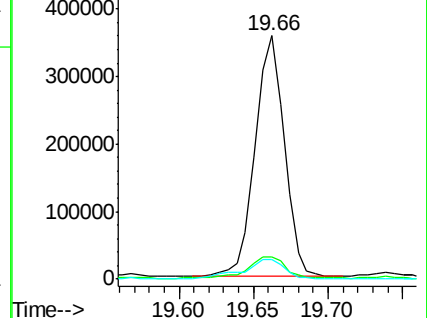
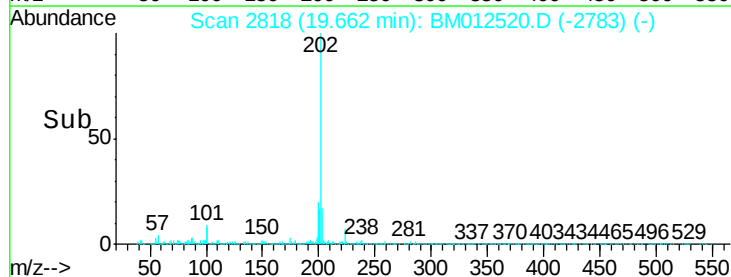
100 8.2 4.9 7.3#

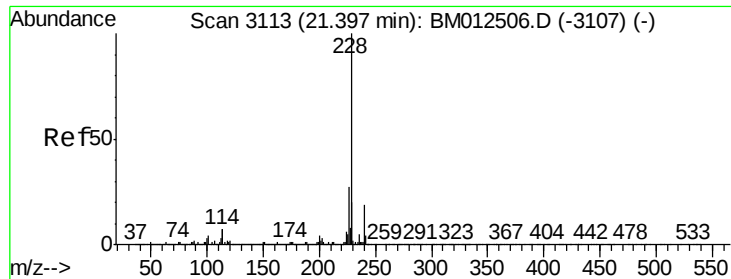


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.20 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Instrument :

BNA_M

ClientSampleId :

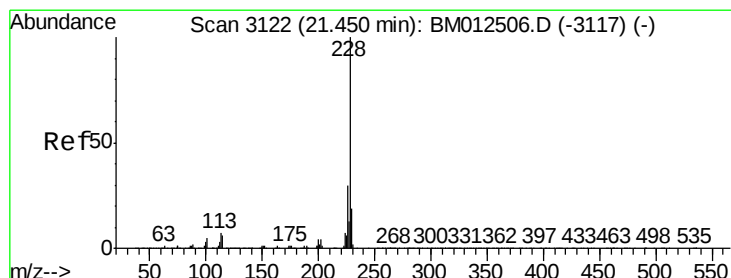
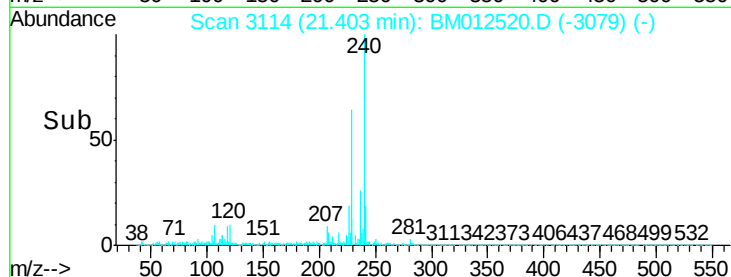
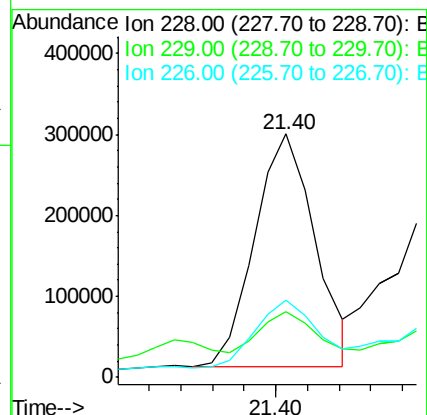
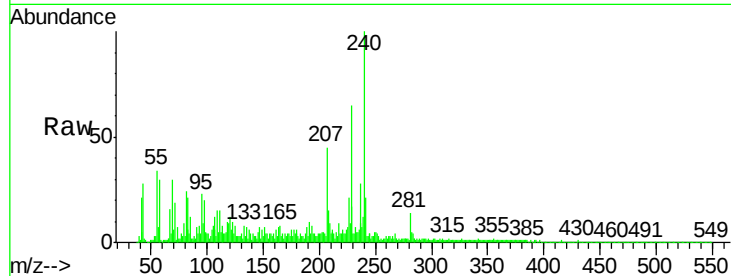
Tot Ion:228 Resp: 380964

Ion Ratio Lower Upper

228 100

229 26.9 15.4 23.0#

226 31.7 21.4 32.0



#82

Chrysene

Concen: 3.09 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

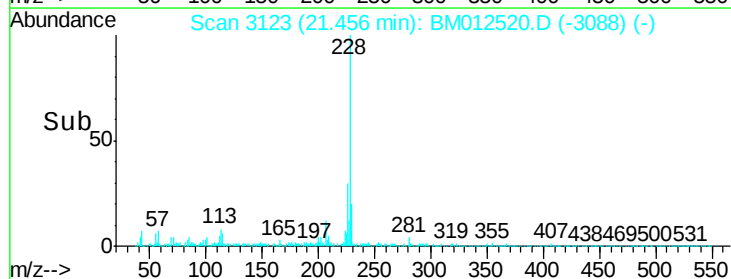
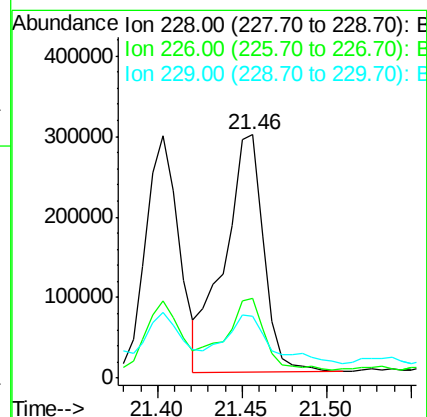
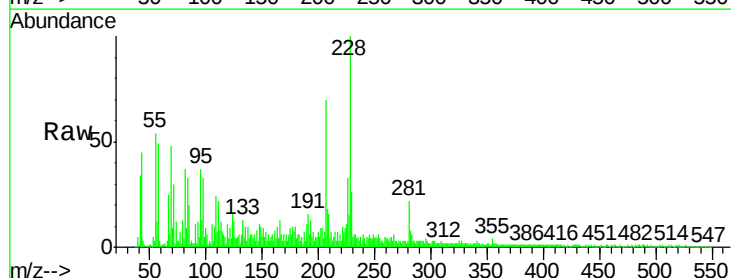
Tgt Ion:228 Resp: 476354

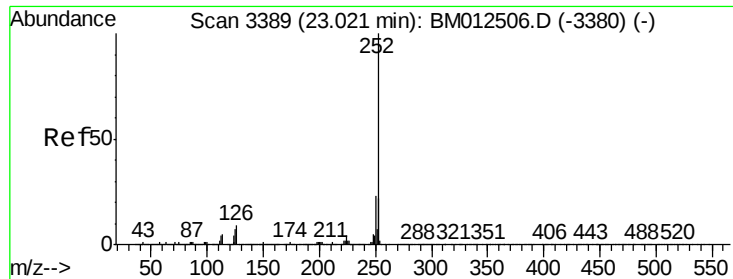
Ion Ratio Lower Upper

228 100

226 32.6 23.4 35.2

229 25.6 15.5 23.3#

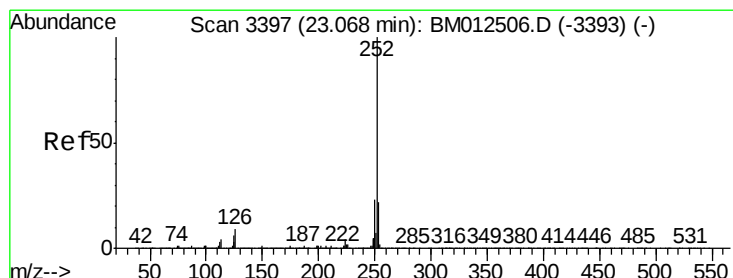
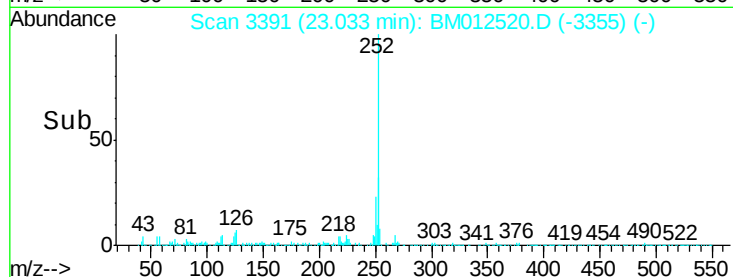
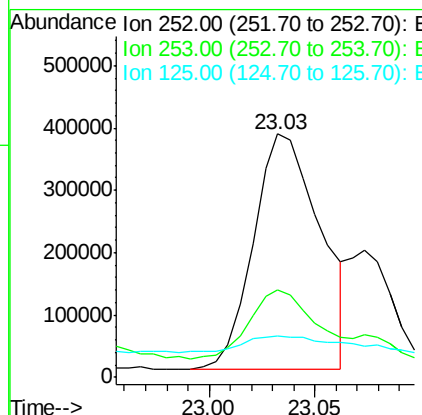
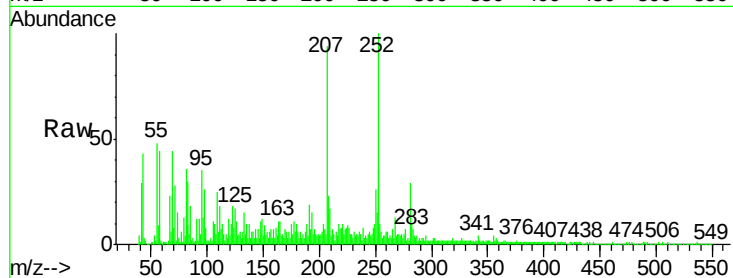




#85
Benzo(b)fluoranthene
Concen: 3.96 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM012520.D
Acq: 28 Oct 2017 12:02

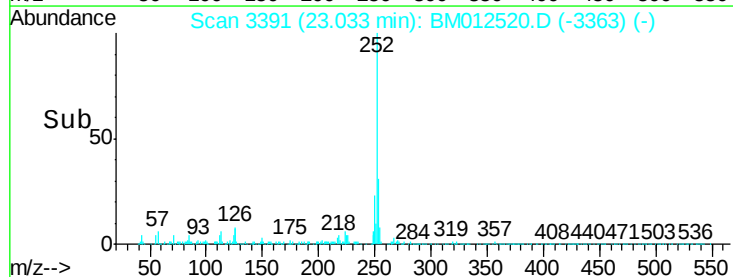
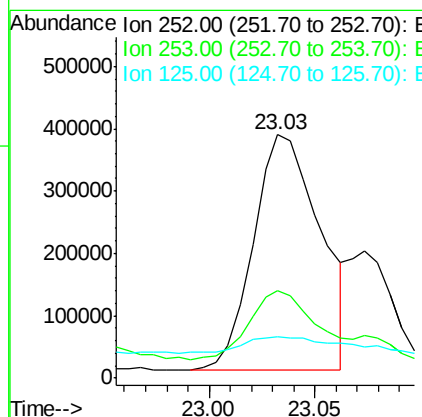
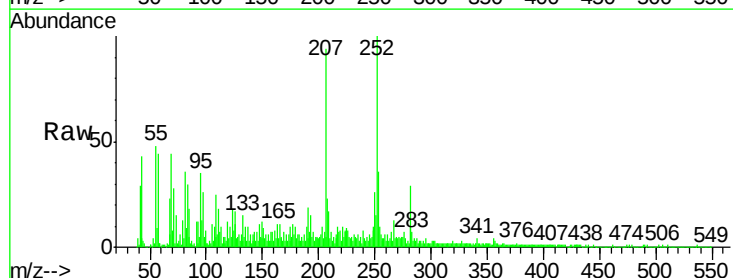
Instrument :
BNA_M
ClientSampleId :

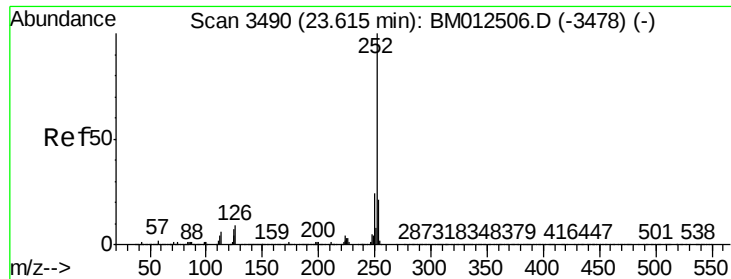
Tot Ion	Ratio	Lower	Upper
252	100		
253	36.1	17.9	26.9#
125	16.8	3.6	5.4#



#86
Benzo(k)fluoranthene
Concen: 4.21 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.04 min
Lab File: BM012520.D
Acq: 28 Oct 2017 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.1	17.1	25.7#
125	16.8	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 3.03 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Instrument :

BNA_M

ClientSampleId :

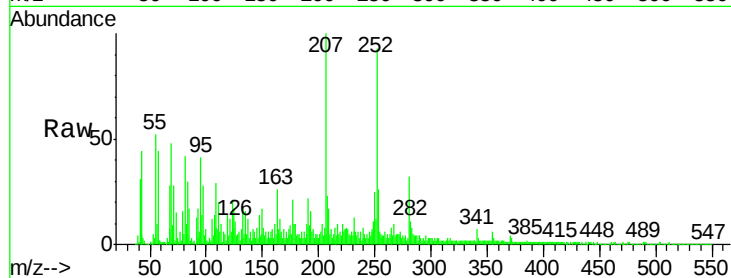
Tot Ion:252 Resp: 606002

Ion Ratio Lower Upper

252 100

253 27.9 18.2 27.2#

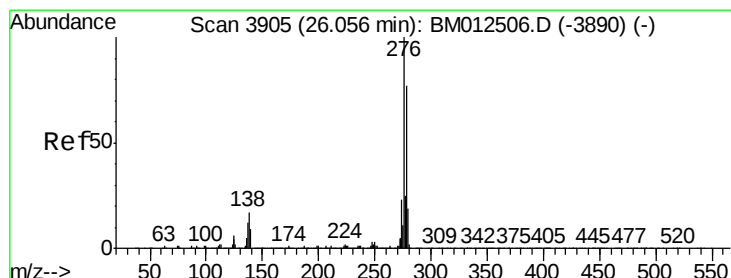
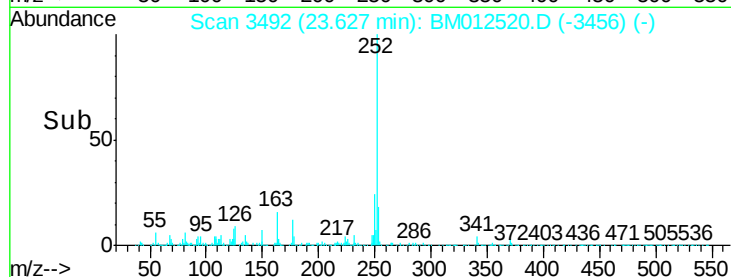
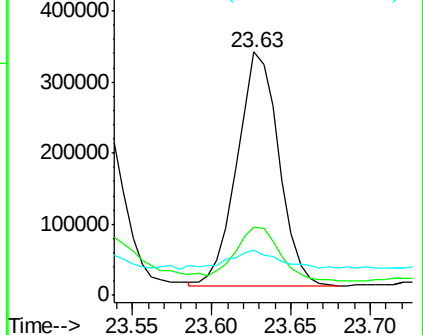
125 18.6 4.0 6.0#



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

Indeno(1,2,3-cd)pyrene

Concen: 2.34 ng/ul

RT: 26.08 min Scan# 3909

Delta R.T. 0.02 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

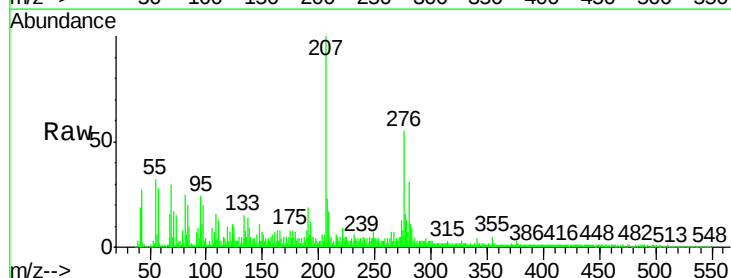
Tgt Ion:276 Resp: 551704

Ion Ratio Lower Upper

276 100

138 16.7 9.3 13.9#

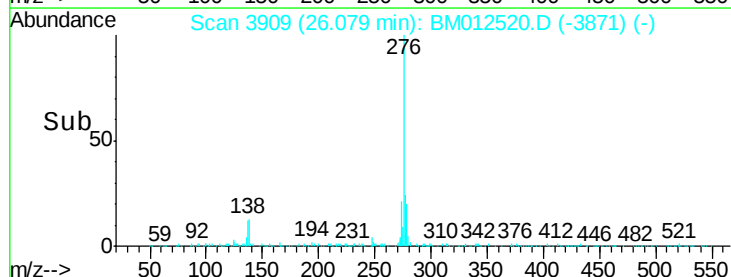
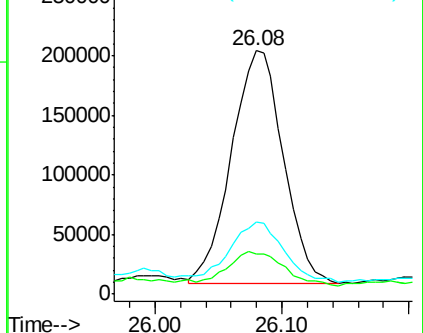
277 29.5 19.9 29.9

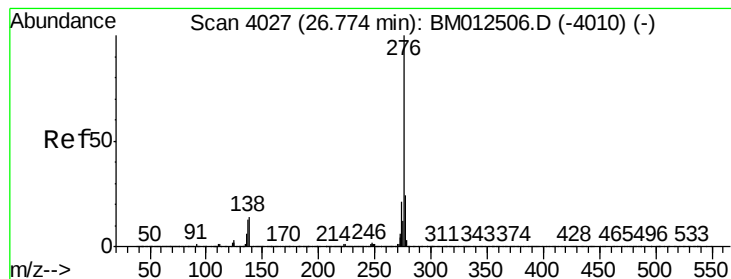


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.61 ng/ul

RT: 26.80 min Scan# 4032

Delta R.T. 0.03 min

Lab File: BM012520.D

Acq: 28 Oct 2017 12:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 498169

Ion Ratio Lower Upper

276 100

138 16.0 8.5 12.7#

277 28.1 18.6 28.0#

