

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012832.D
 Acq On : 08 Nov 2017 21:43
 Operator : SJ/JU
 Sample : I5955-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-6

Quant Time: Nov 09 03:59:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	111815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	422541	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	241535	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	521313	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	592863	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	677628	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	17512	8.46	ng/uL	0.00
5) Phenol-d5	6.98	99	339381	40.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	192846	42.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	296794	42.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	236109	32.88	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	145020	46.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	160989	45.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	299140	40.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	268782	38.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	855752	42.81	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1052500	42.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	105636	32.98	ng/ul	0.01
57) Fluorene-d10	15.43	176	741445	43.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	56474	16.41	ng/ul	0.01
70) Anthracene-d10	17.29	188	1102812	43.78	ng/ul	0.00
78) Pyrene-d10	19.58	212	1263764	45.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1531357	47.79	ng/ul	0.01

Target Compounds

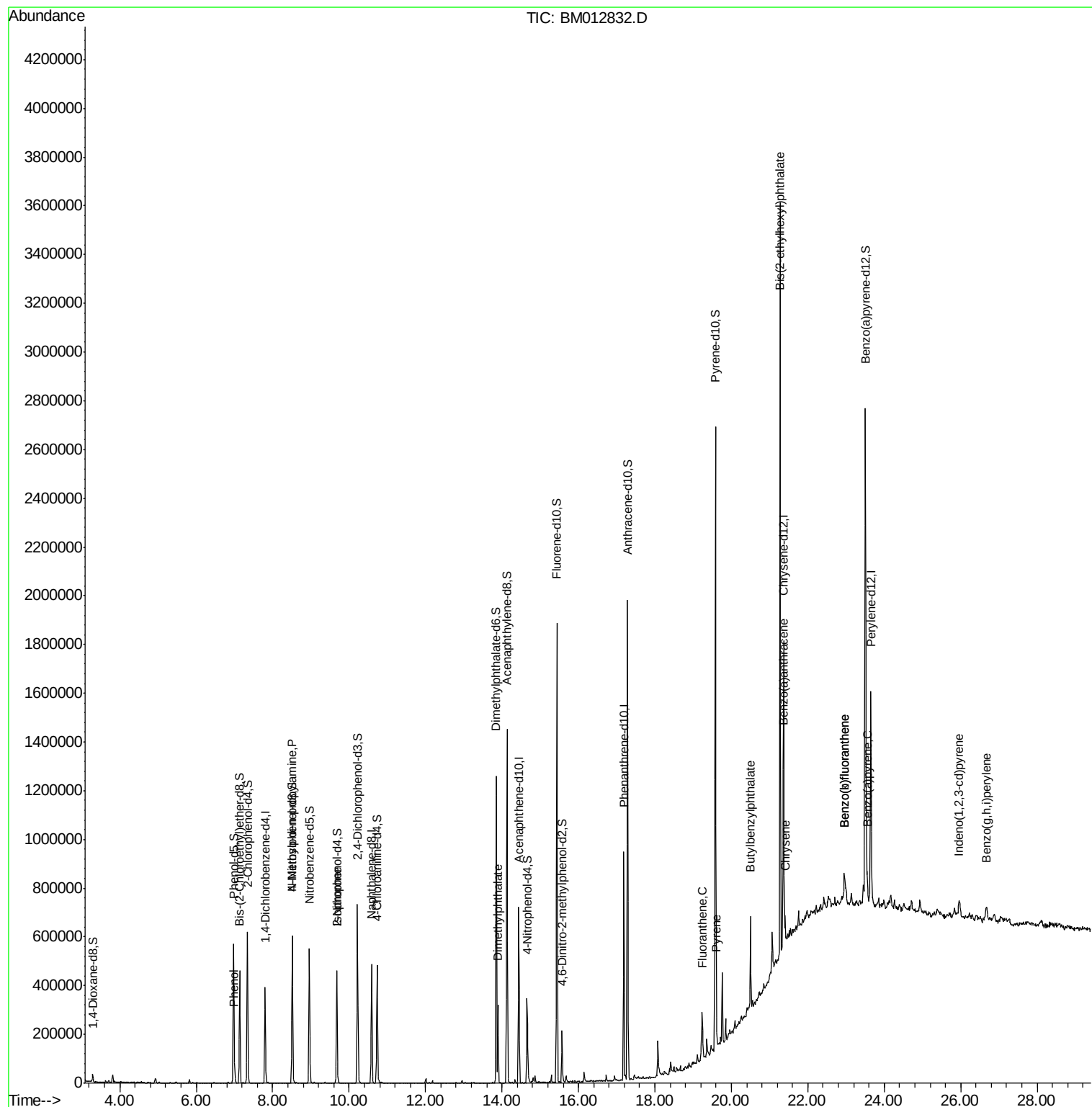
						Ovalue
6) Phenol	7.00	94	30486	3.57	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.51	70	5650	1.09	ng/ul#	1
21) Isophorone	9.68	82	13586	1.03	ng/ul#	70
44) Dimethylphthalate	13.90	163	210981	10.64	ng/ul	99
76) Fluoranthene	19.24	202	86262	2.52	ng/ul#	94
79) Pyrene	19.61	202	97534	2.76	ng/ul#	94
80) Butylbenzylphthalate	20.50	149	105772	8.20	ng/ul	96
82) Benzo(a)anthracene	21.35	228	74912	2.09	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.27	149	1097616	58.41	ng/ul#	95
84) Chrysene	21.40	228	72382	2.23	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	112163	2.71	ng/ul#	85
88) Benzo(k)fluoranthene	22.96	252	112163	2.85	ng/ul#	84
90) Benzo(a)pyrene	23.55	252	85661	2.17	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.96	276	61925	1.30	ng/ul#	87
93) Benzo(g,h,i)perylene	26.67	276	64224	1.64	ng/ul#	89

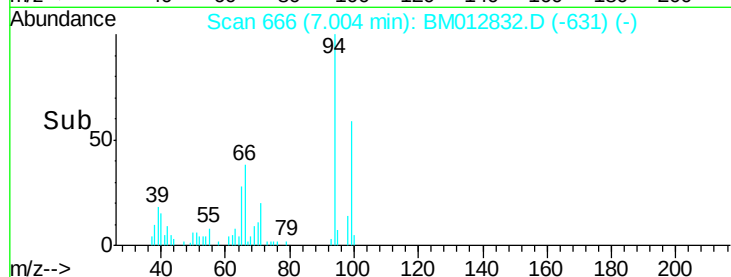
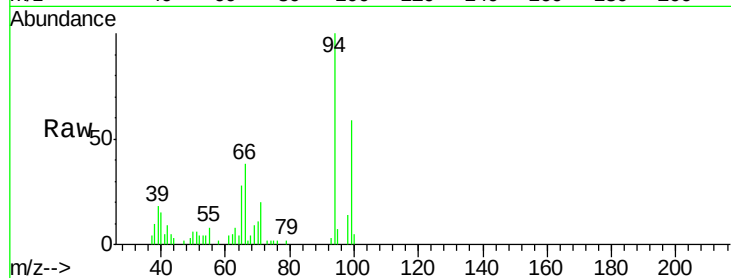
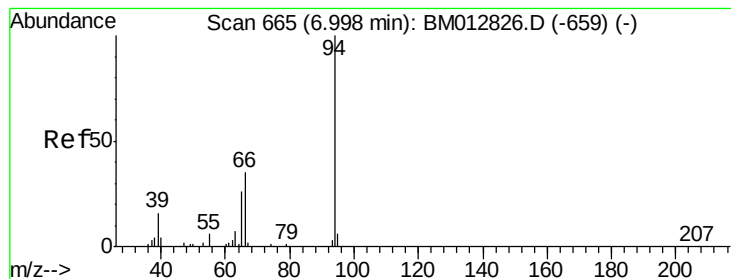
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.57 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

Instrument :

BNA_M

ClientSampled :

DUP-6

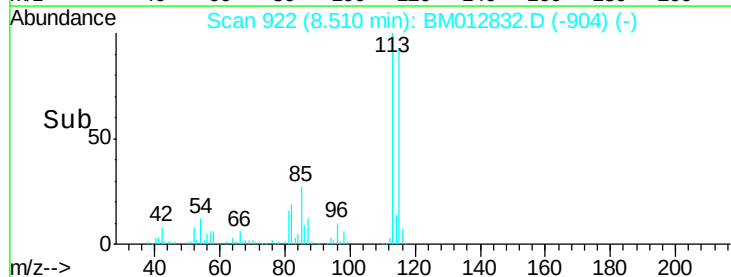
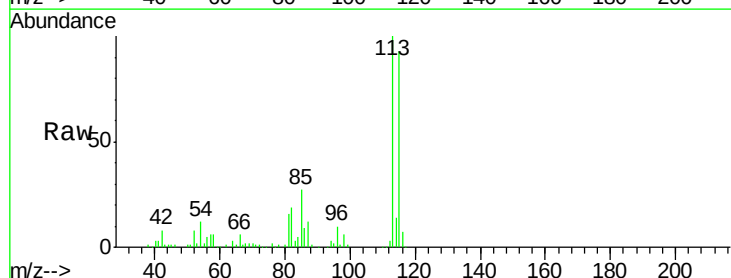
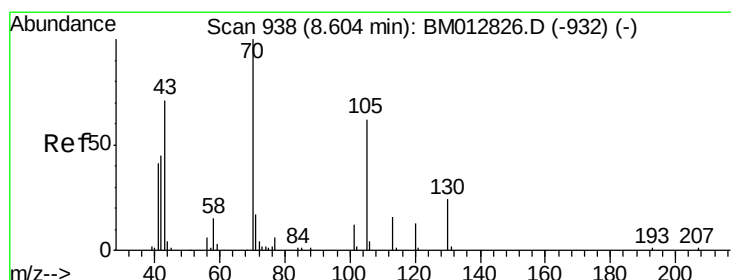
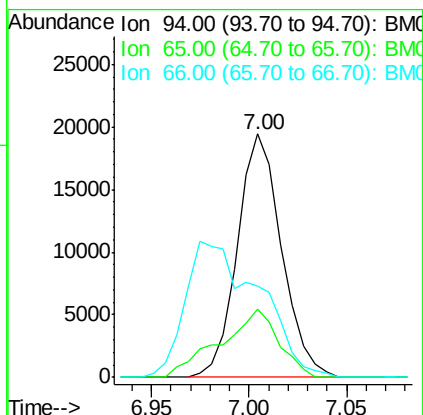
Tot Ion: 94 Resp: 30486

Ion Ratio Lower Upper

94 100

65 27.8 21.0 31.6

66 37.7 29.3 43.9



#15

N-Nitroso-di-n-propylamine

Concen: 1.09 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. -0.09 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

Tgt Ion: 70 Resp: 5650

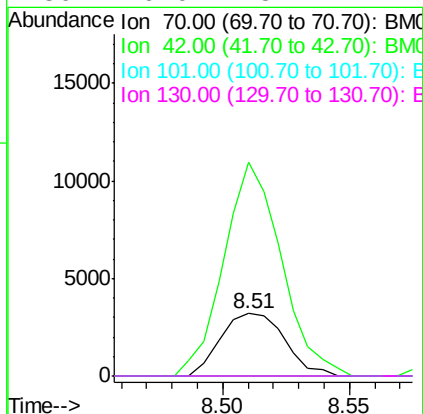
Ion Ratio Lower Upper

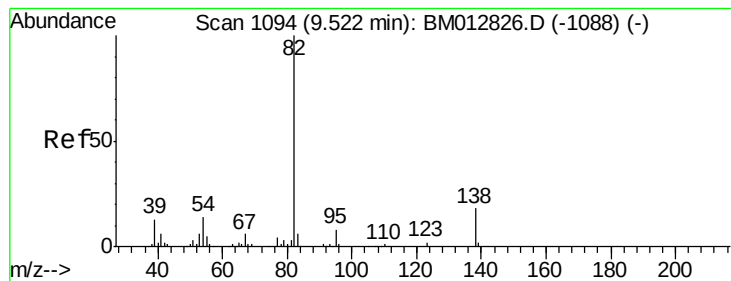
70 100

42 343.8 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#





#21

Isophorone

Concen: 1.03 ng/ul

RT: 9.68 min Scan# 1121

Delta R.T. 0.16 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

Instrument :

BNA_M

ClientSampled :

DUP-6

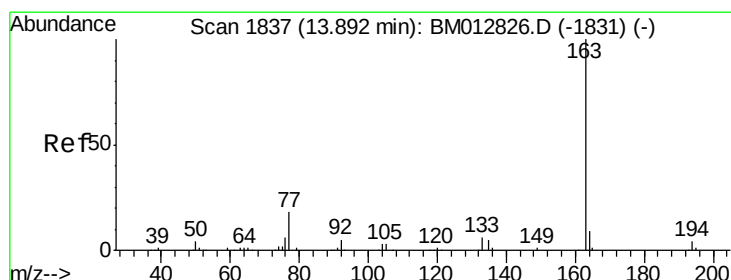
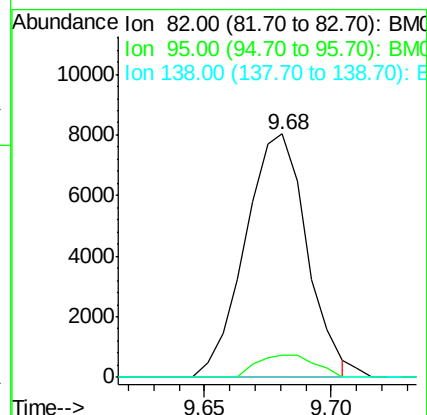
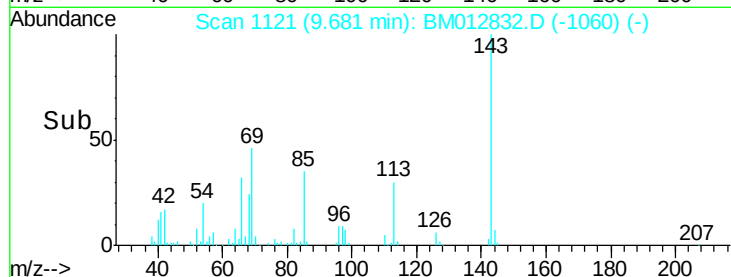
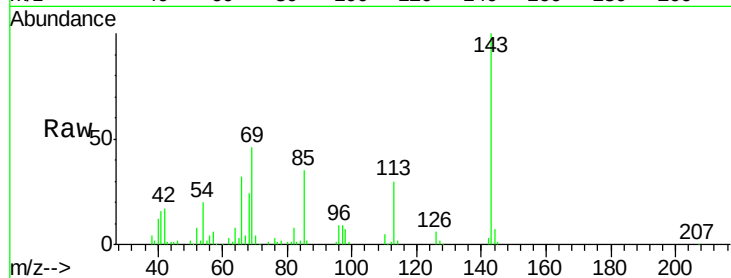
Tot Ion: 82 Resp: 13586

Ion Ratio Lower Upper

82 100

95 8.8 6.4 9.6

138 0.0 14.9 22.3#



#44

Dimethylphthalate

Concen: 10.64 ng/ul

RT: 13.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

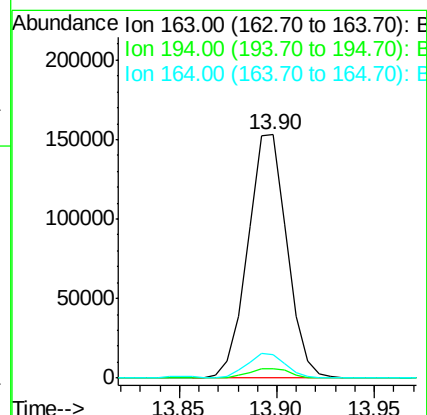
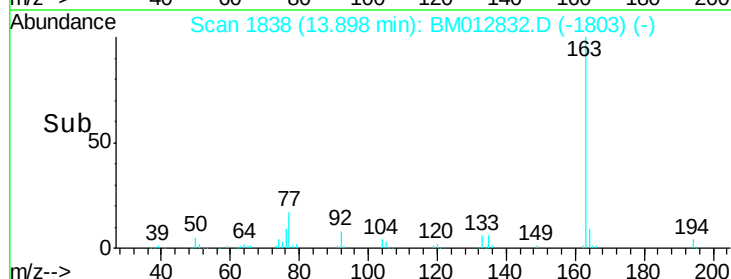
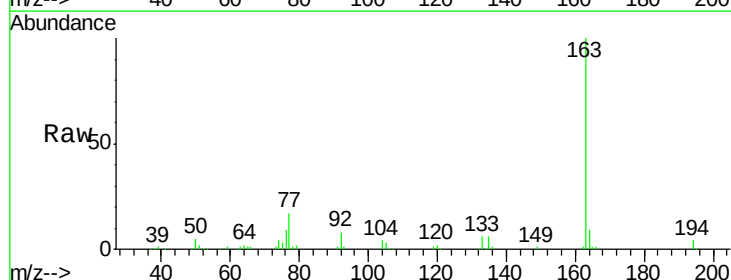
Tgt Ion: 163 Resp: 210981

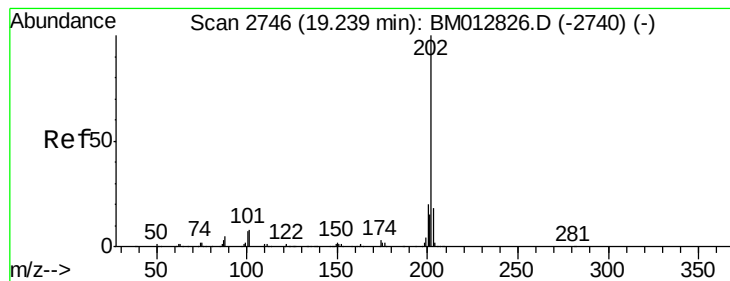
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.4 7.8 11.8





#76

Fluoranthene

Concen: 2.52 ng/ul

RT: 19.24 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

Instrument :

BNA_M

ClientSampleId :

DUP-6

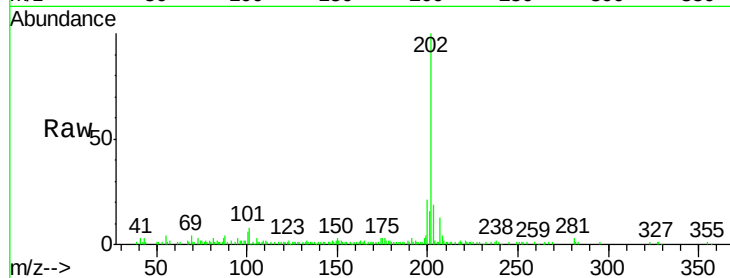
Tot Ion:202 Resp: 86262

Ion Ratio Lower Upper

202 100

101 8.3 8.8 13.2#

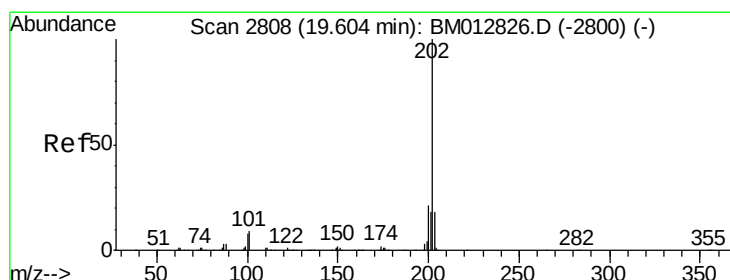
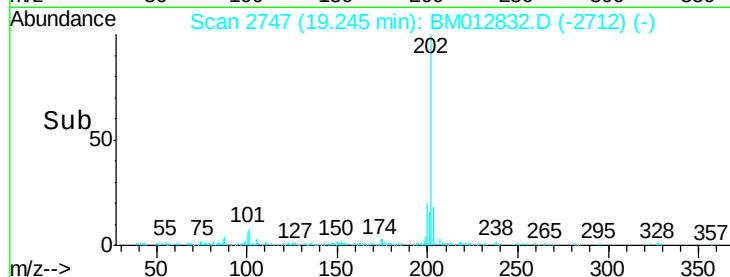
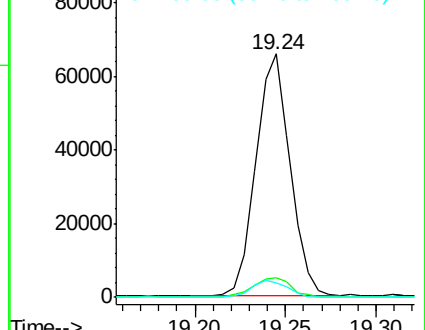
100 6.2 6.6 9.8#



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



#79

Pyrene

Concen: 2.76 ng/ul

RT: 19.61 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

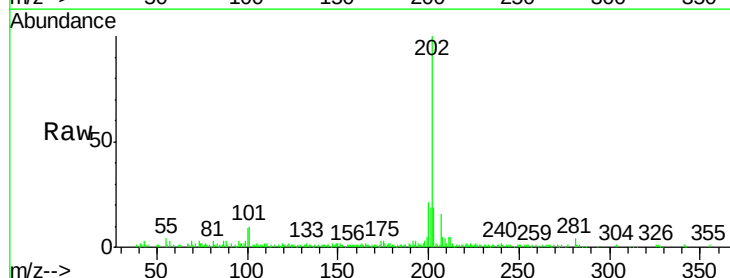
Tgt Ion:202 Resp: 97534

Ion Ratio Lower Upper

202 100

101 9.5 10.2 15.2#

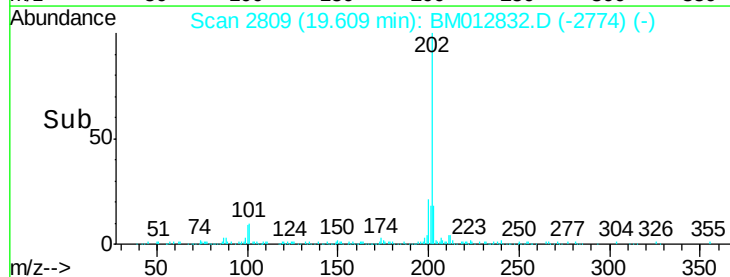
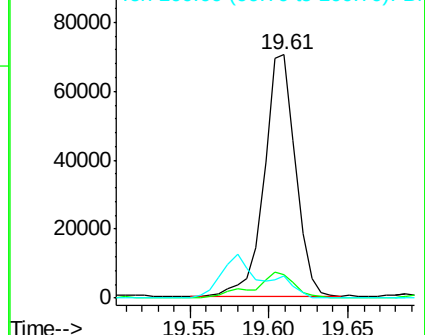
100 8.9 8.5 12.7

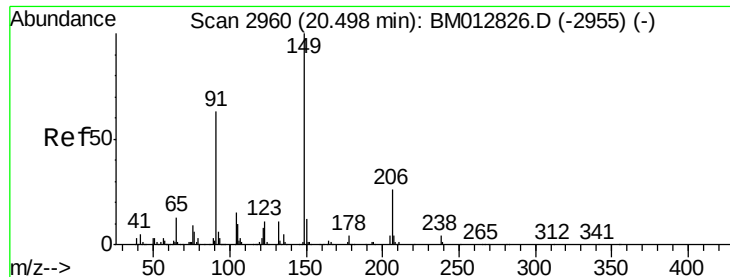


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

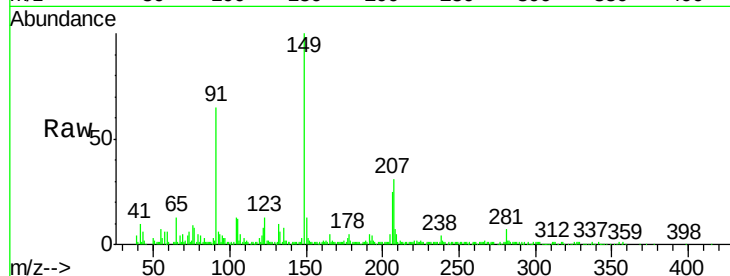




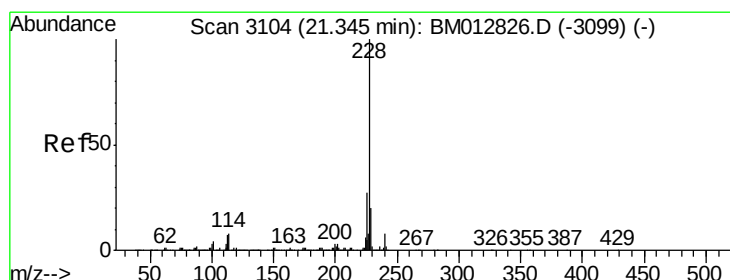
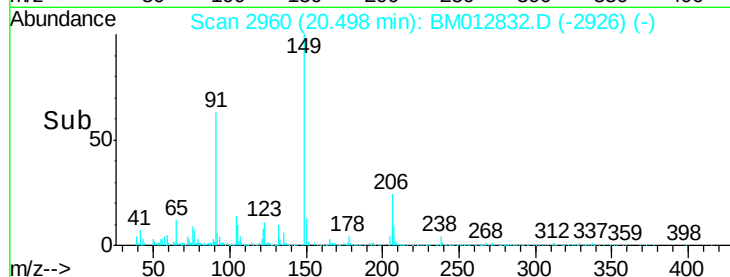
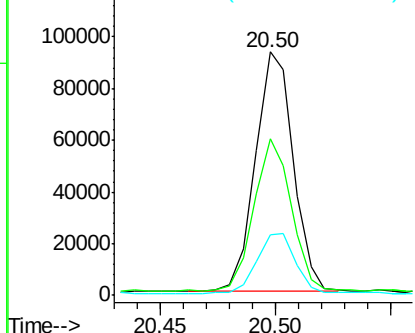
#80
Butylbenzylphthalate
Concen: 8.20 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Instrument :
BNA_M
ClientSampleId :
DUP-6

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.5	53.4	80.2
206	24.7	16.6	24.8

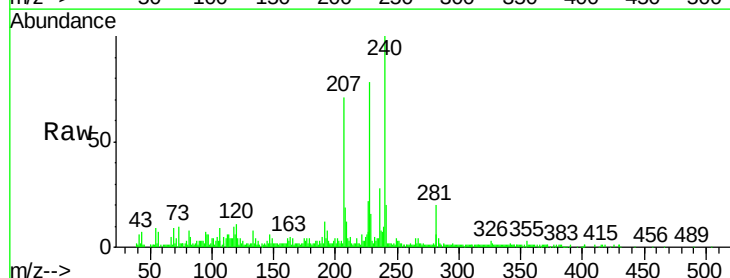


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

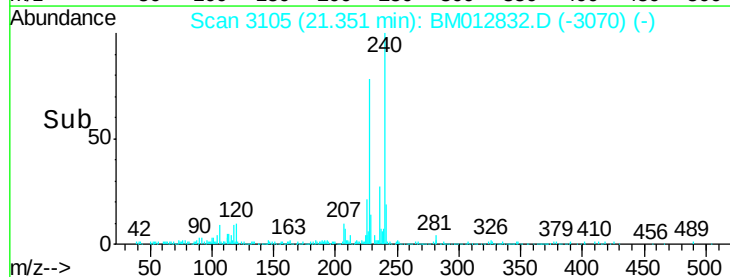
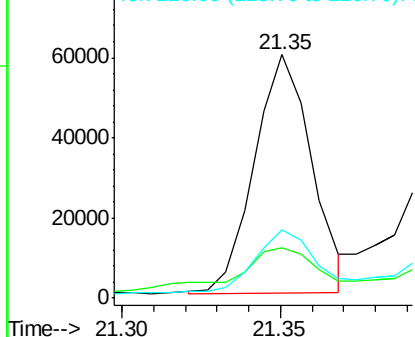


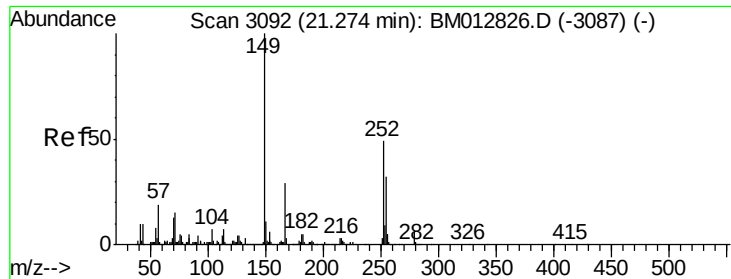
#82
Benzo(a)anthracene
Concen: 2.09 ng/ul
RT: 21.35 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM012832.D
Acq: 08 Nov 2017 21:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.9	21.8	32.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.41 ng/ul

RT: 21.27 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

Instrument :

BNA_M

ClientSampleId :

DUP-6

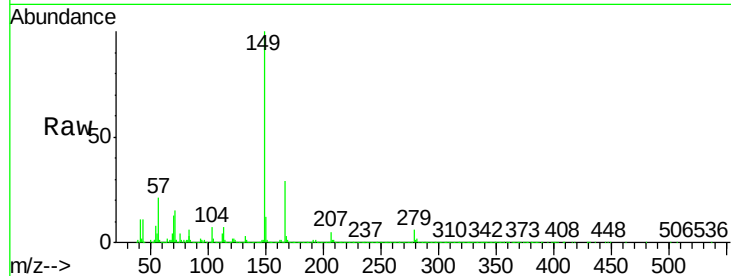
Tot Ion:149 Resp: 1097616

Ion Ratio Lower Upper

149 100

167 29.4 21.6 32.4

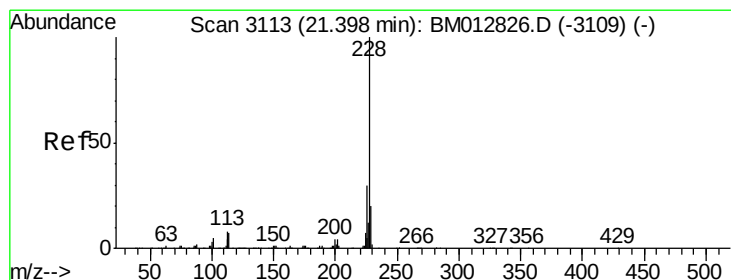
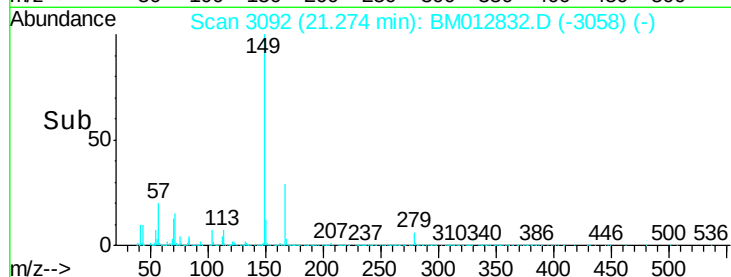
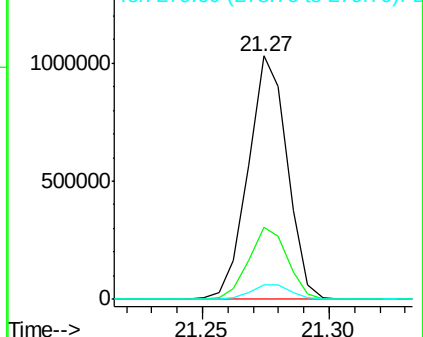
279 5.8 3.0 4.4#



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



#84

Chrysene

Concen: 2.23 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

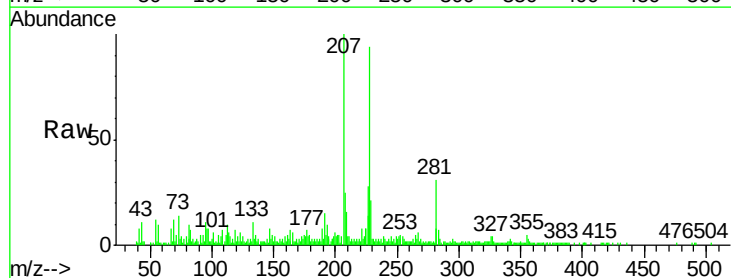
Tgt Ion:228 Resp: 72382

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

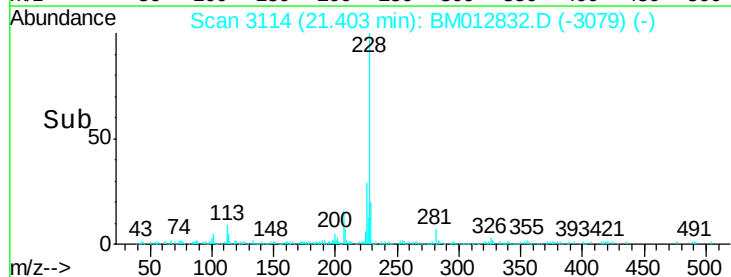
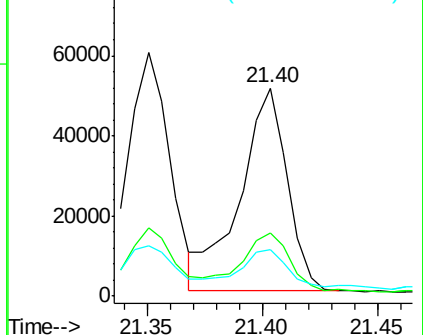
229 22.5 15.6 23.4

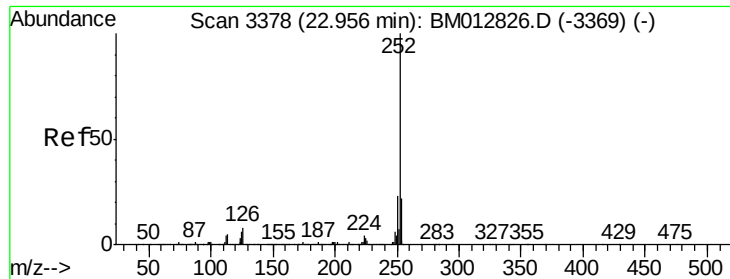


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 2.71 ng/ul

RT: 22.96 min Scan# 3379

Delta R.T. 0.01 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

Instrument :

BNA_M

ClientSampleId :

DUP-6

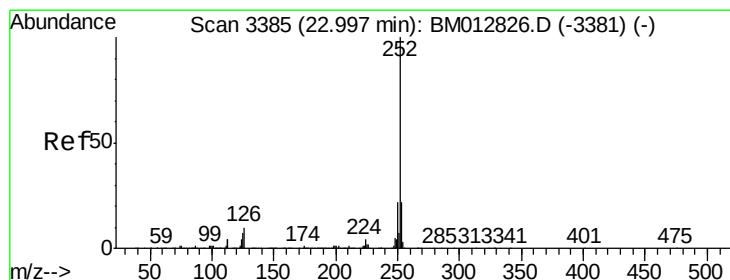
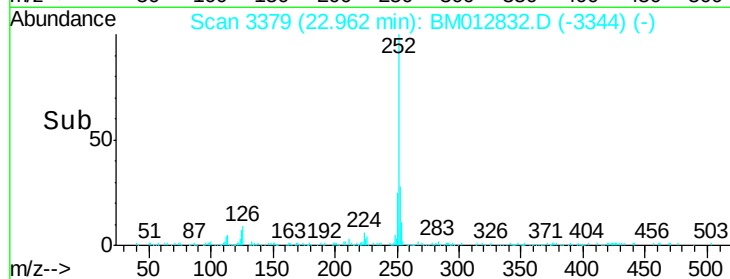
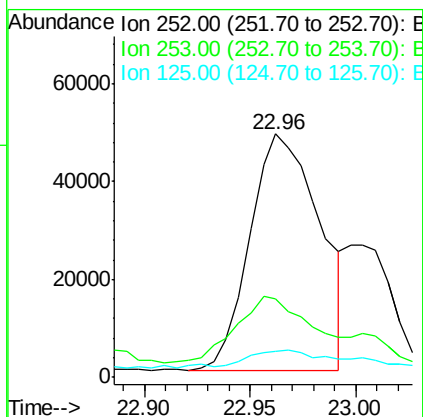
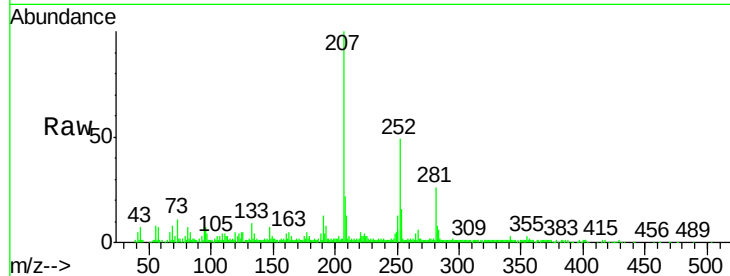
Tot Ion:252 Resp: 112163

Ion Ratio Lower Upper

252 100

253 32.2 17.5 26.3#

125 10.8 8.5 12.7



#88

Benzo(k)fluoranthene

Concen: 2.85 ng/ul

RT: 22.96 min Scan# 3379

Delta R.T. -0.04 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

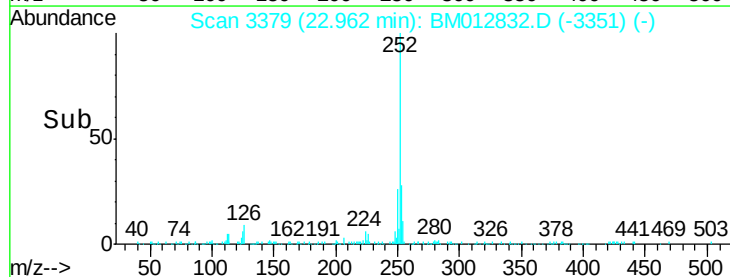
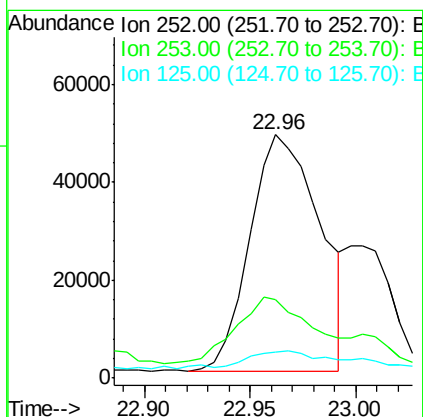
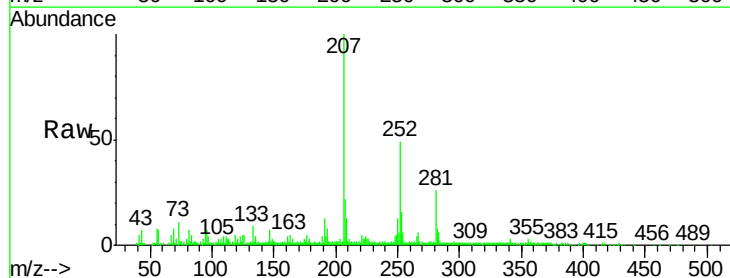
Tgt Ion:252 Resp: 112163

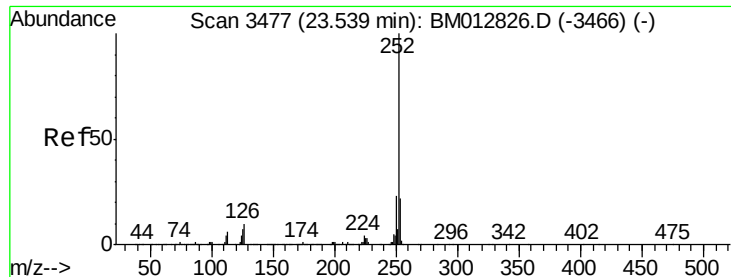
Ion Ratio Lower Upper

252 100

253 32.2 17.3 25.9#

125 10.8 8.2 12.2





#90

Benzo(a)pyrene

Concen: 2.17 ng/ul

RT: 23.55 min Scan# 3479

Delta R.T. 0.01 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

Instrument :

BNA_M

ClientSampleId :

DUP-6

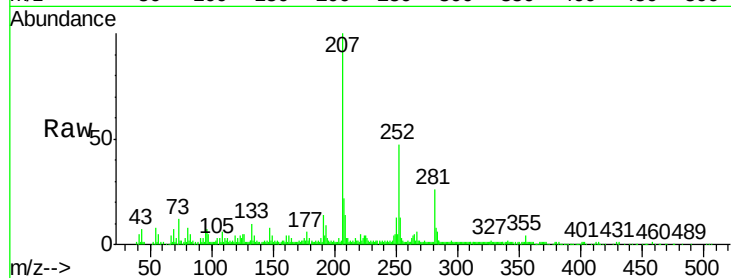
Tot Ion:252 Resp: 85661

Ion Ratio Lower Upper

252 100

253 27.0 17.2 25.8#

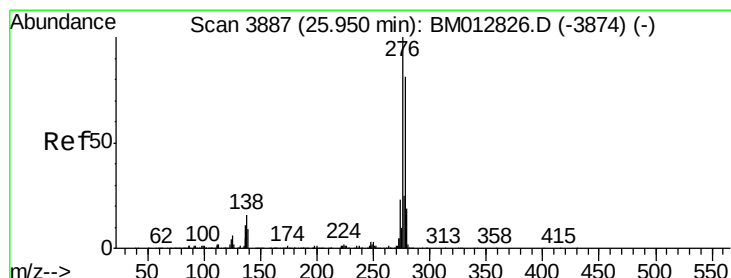
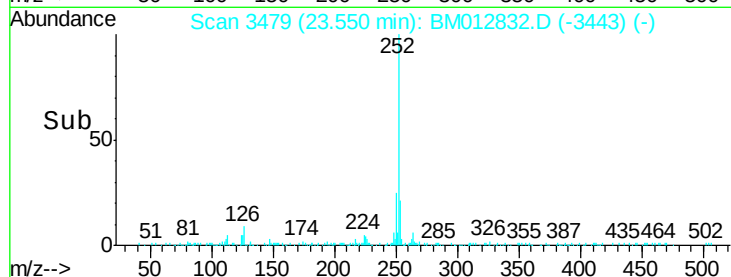
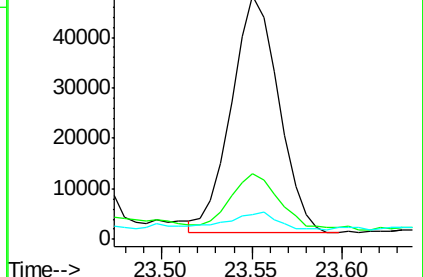
125 10.3 9.0 13.6



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

Indeno(1,2,3-cd)pyrene

Concen: 1.30 ng/ul

RT: 25.96 min Scan# 3889

Delta R.T. 0.01 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

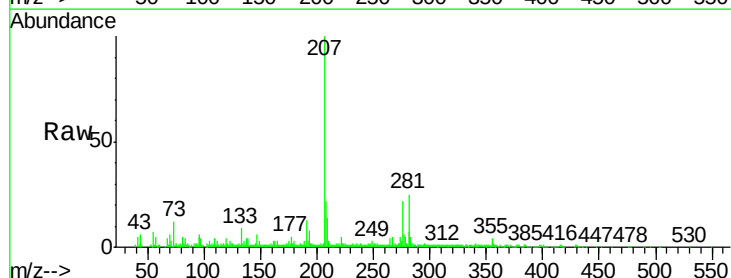
Tgt Ion:276 Resp: 61925

Ion Ratio Lower Upper

276 100

138 17.5 22.3 33.5#

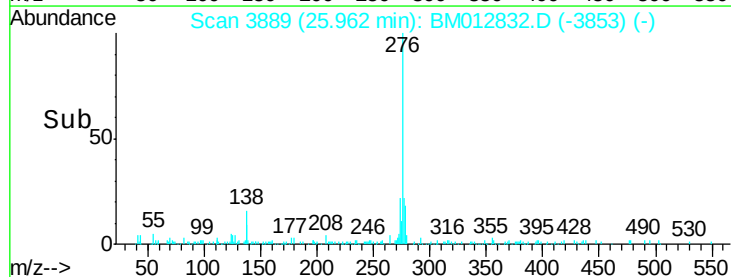
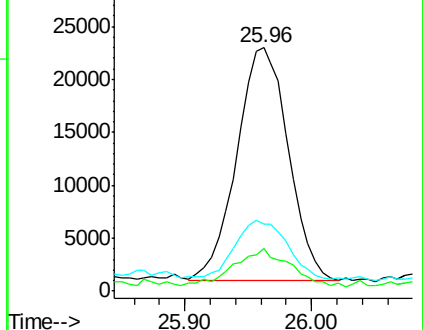
277 27.5 20.2 30.2

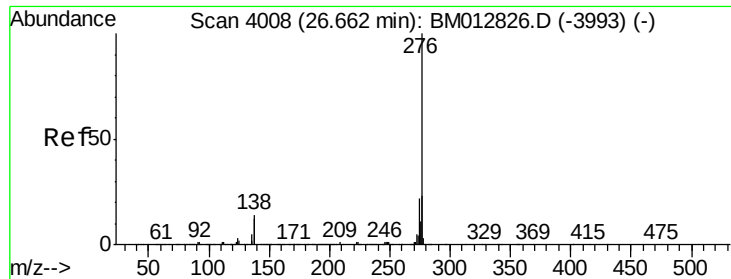


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.64 ng/ul

RT: 26.67 min Scan# 4010

Delta R.T. 0.01 min

Lab File: BM012832.D

Acq: 08 Nov 2017 21:43

Instrument :

BNA_M

ClientSampleId :

DUP-6

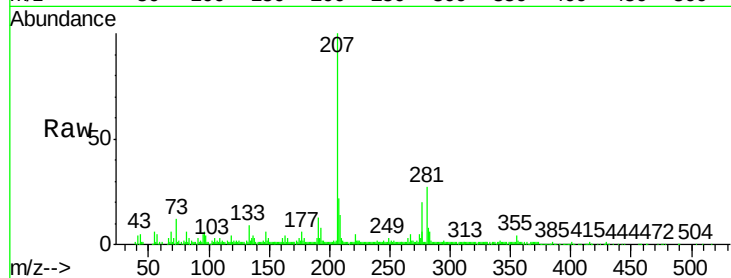
Tot Ion:276 Resp: 64224

Ion Ratio Lower Upper

276 100

138 16.9 18.9 28.3#

277 28.1 19.2 28.8



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

