

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
 Data File : BM013493.D
 Acq On : 18 Dec 2017 11:49
 Operator : SJ/JU
 Sample : I6776-03ME
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A55ME

Quant Time: Dec 18 14:37:14 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 18 14:36:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	228939	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1014865	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	598920	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1249350	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	957167	20.00	ng/ul	0.01
83) Perylene-d12	23.49	264	817823	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	27678	5.99	ng/uL	0.00
5) Phenol-d5	6.85	99	682563	34.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	402444	35.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	557545	36.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	602635	35.61	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	305028	37.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	333175	38.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	601407	33.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	484898	29.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1860821	34.91	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	2407989	36.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	260592	28.14	ng/ul	0.00
57) Fluorene-d10	15.32	176	1578802	34.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	224082	28.51	ng/ul	0.00
70) Anthracene-d10	17.16	188	2355866	37.65	ng/ul	0.00
76) Pyrene-d10	19.48	212	2266709	47.53	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.34	264	1533236	36.81	ng/ul	0.00

Target Compounds

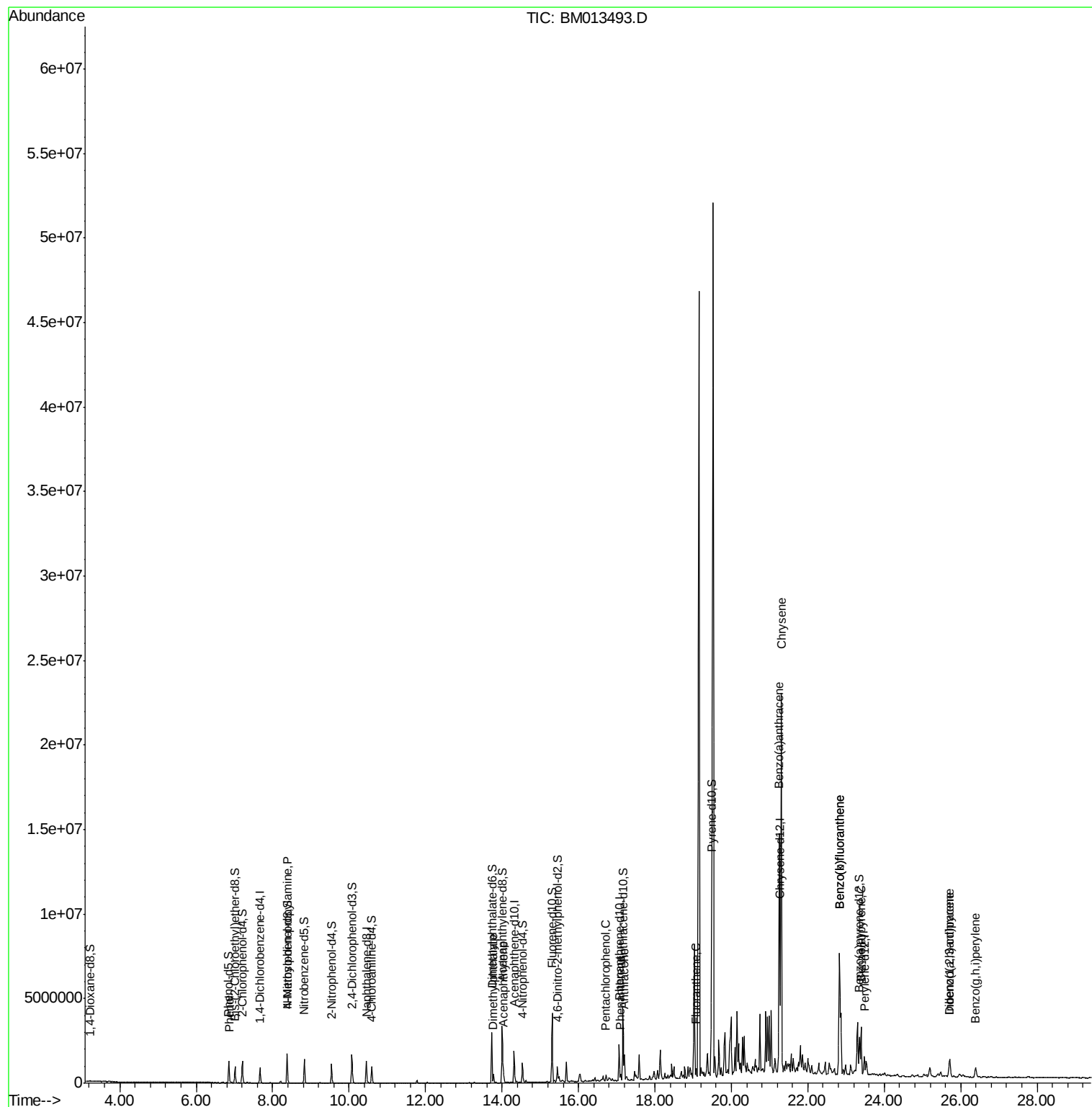
					Qvalue	
6) Phenol	6.88	94	22161	1.132	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.38	70	17268	1.332	ng/ul#	1
44) Dimethylphthalate	13.77	163	273772	5.371	ng/ul	99
47) Acenaphthylene	14.04	152	503724	8.276	ng/ul	97
68) Pentachlorophenol	16.72	266	40815	4.357	ng/ul	97
69) Phenanthrene	17.10	178	240630	3.390	ng/ul	98
71) Anthracene	17.20	178	966212	13.318	ng/ul	98
74) Fluoranthene	19.07	202	106937	1.229	ng/ul#	42
80) Benzo(a)anthracene	21.25	228	7806869	128.551	ng/ul	97
82) Chrysene	21.31	228	11593009	205.761	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	6218754	112.800	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	6218754	119.864	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	1966838	39.715	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	1005115	20.455	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	282781	6.758	ng/ul#	93
91) Benzo(g,h,i)perylene	26.39	276	676997	17.466	ng/ul#	95

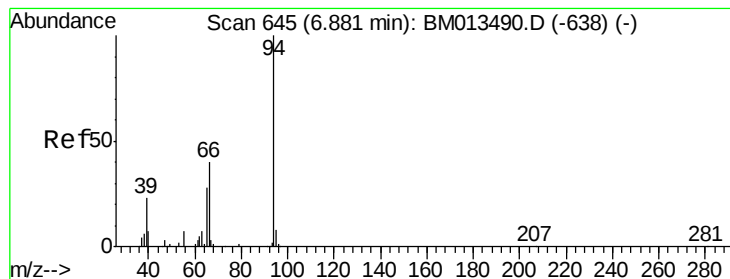
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.132 ng/ul

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

Instrument :

BNA_M

ClientSampleId :

F9A55ME

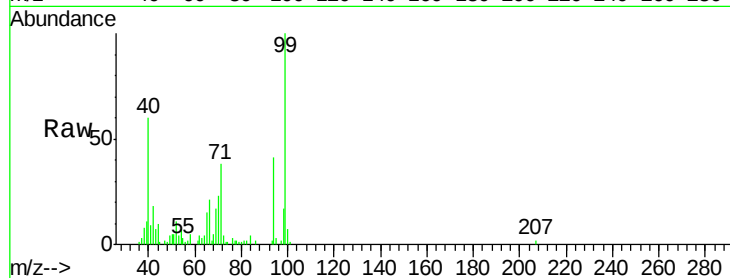
Tgt Ion: 94 Resp: 22161

Ion Ratio Lower Upper

94 100

65 35.8 28.2 42.4

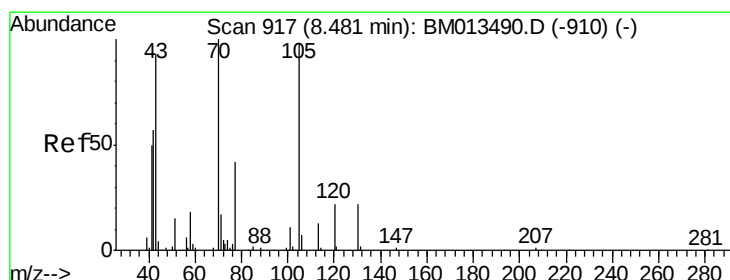
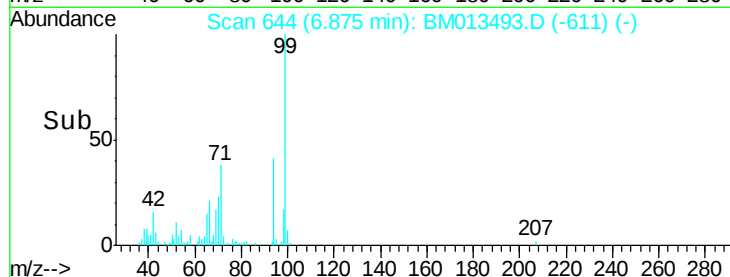
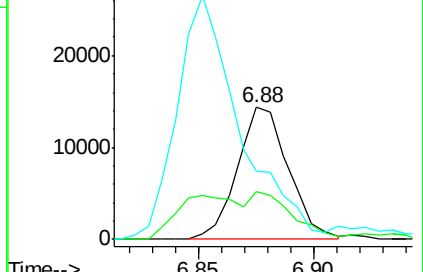
66 51.2 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013493.D (-611) (-)

Ion 65.00 (64.70 to 65.70): BM013493.D (-611) (-)

Ion 66.00 (65.70 to 66.70): BM013493.D (-611) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.332 ng/ul

RT: 8.38 min Scan# 900

Delta R.T. -0.10 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

Tgt Ion: 70 Resp: 17268

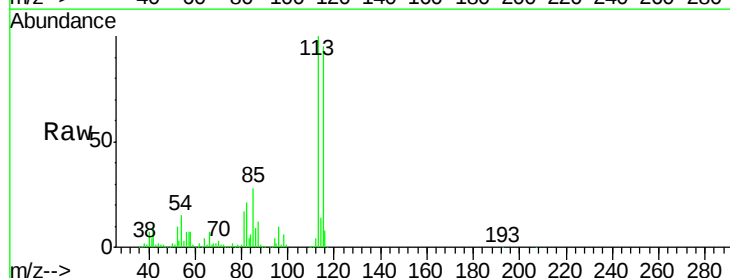
Ion Ratio Lower Upper

70 100

42 354.5 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

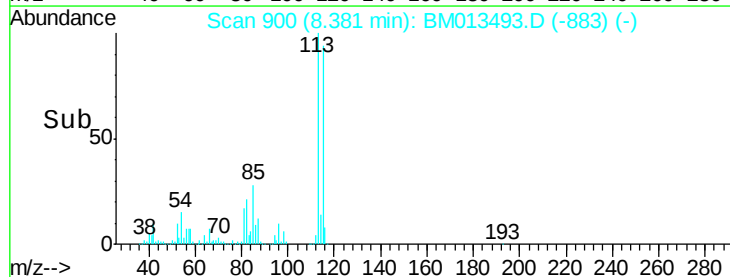
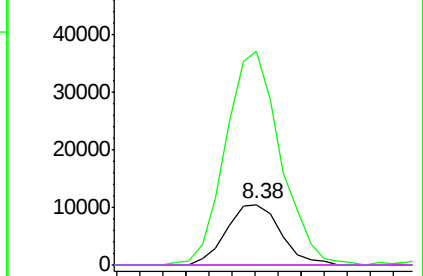


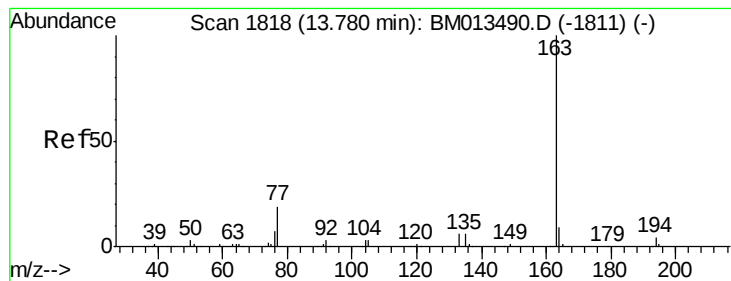
Abundance Ion 70.00 (69.70 to 70.70): BM013493.D (-883) (-)

Ion 42.00 (41.70 to 42.70): BM013493.D (-883) (-)

Ion 101.00 (100.70 to 101.70): BM013493.D (-883) (-)

Ion 130.00 (129.70 to 130.70): BM013493.D (-883) (-)





#44

Dimethylphthalate

Concen: 5.371 ng/ul

RT: 13.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

Instrument :

BNA_M

ClientSampleId :

F9A55ME

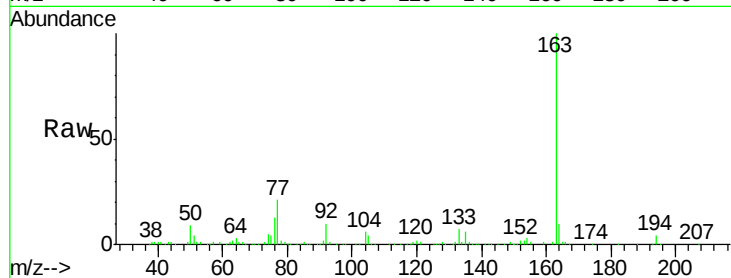
Tgt Ion:163 Resp: 273772

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

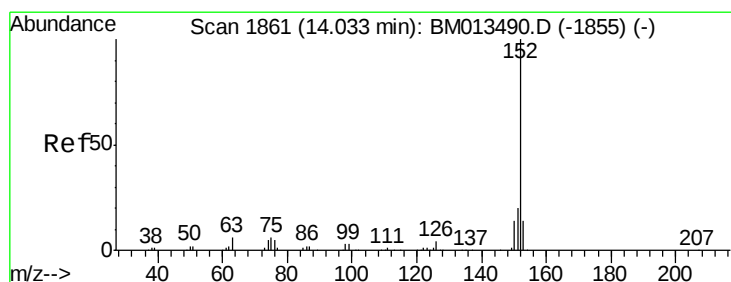
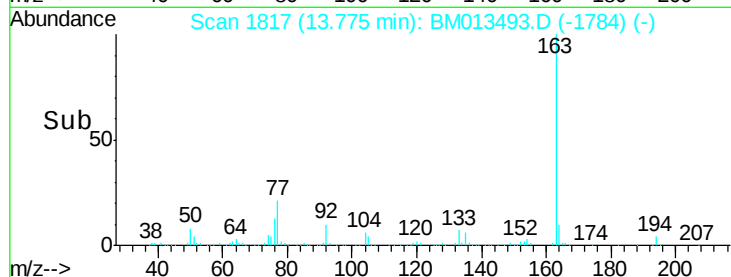
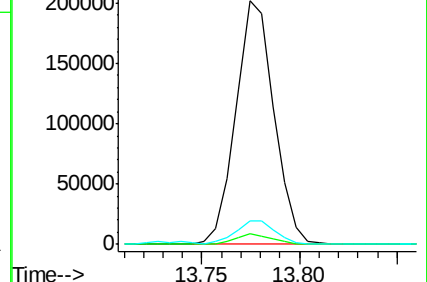
164 9.7 8.2 12.4



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



#47

Acenaphthylene

Concen: 8.276 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

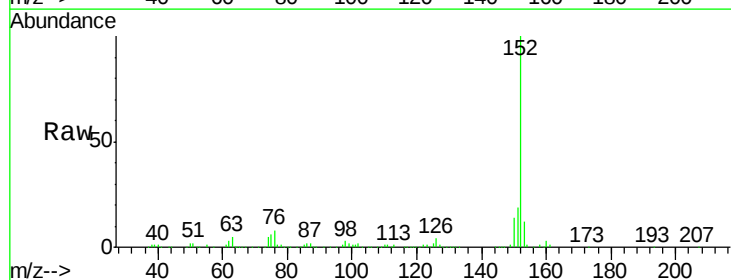
Tgt Ion:152 Resp: 503724

Ion Ratio Lower Upper

152 100

151 18.9 16.3 24.5

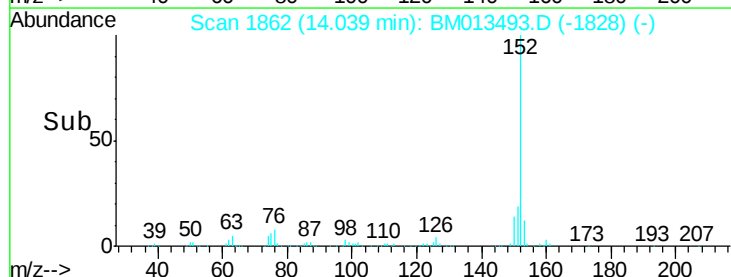
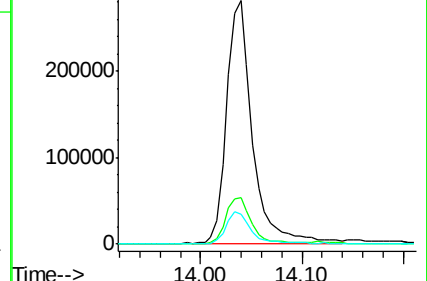
153 12.1 10.2 15.4

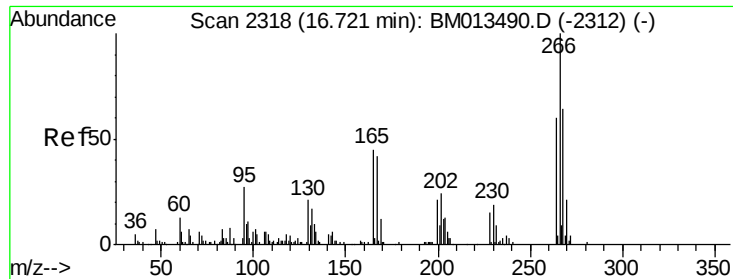


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

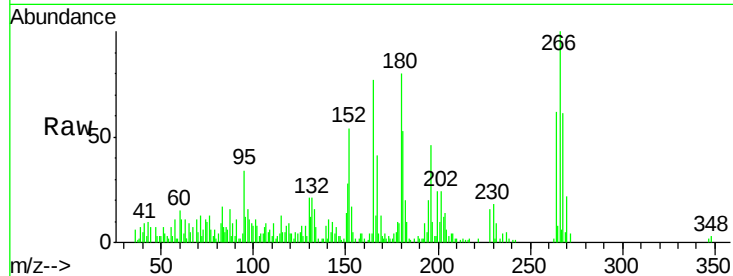




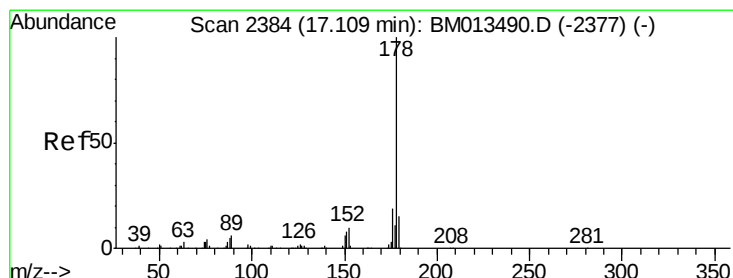
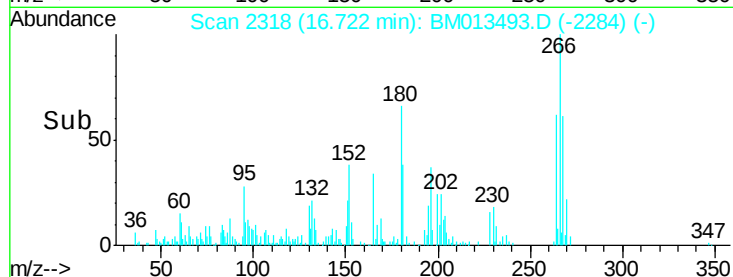
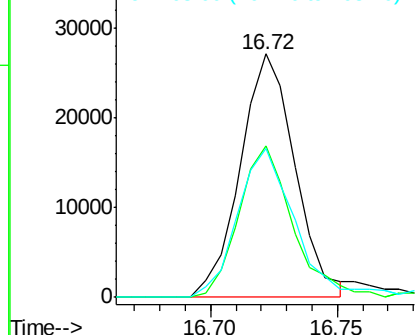
#68
 Pentachlorophenol
 Concen: 4.357 ng/ul
 RT: 16.72 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BM013493.D
 Acq: 18 Dec 2017 11:49

Instrument :
 BNA_M
 ClientSampleId :
 F9A55ME

Tgt Ion:266 Resp: 40815
 Ion Ratio Lower Upper
 266 100
 264 62.2 49.3 73.9
 268 61.4 52.6 78.8

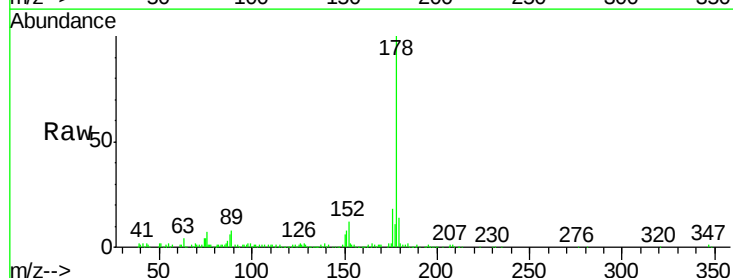


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

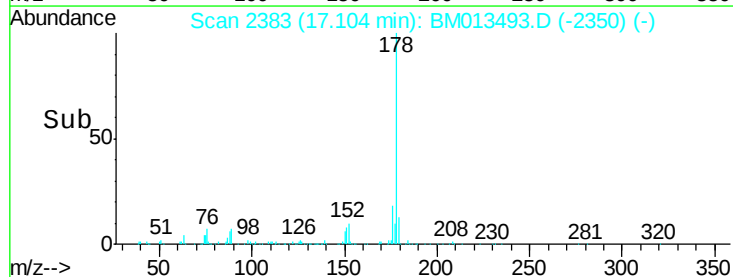
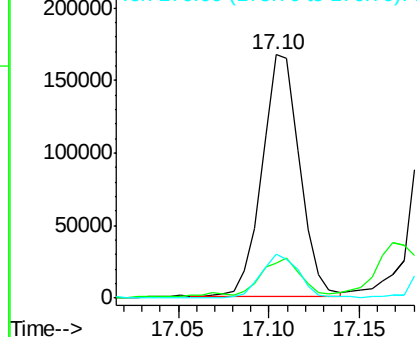


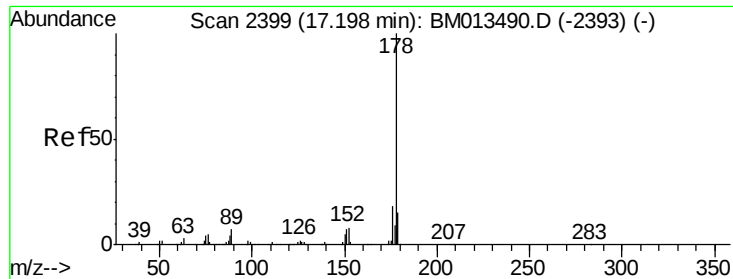
#69
 Phenanthrene
 Concen: 3.390 ng/ul
 RT: 17.10 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM013493.D
 Acq: 18 Dec 2017 11:49

Tgt Ion:178 Resp: 240630
 Ion Ratio Lower Upper
 178 100
 179 14.2 12.6 19.0
 176 18.3 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

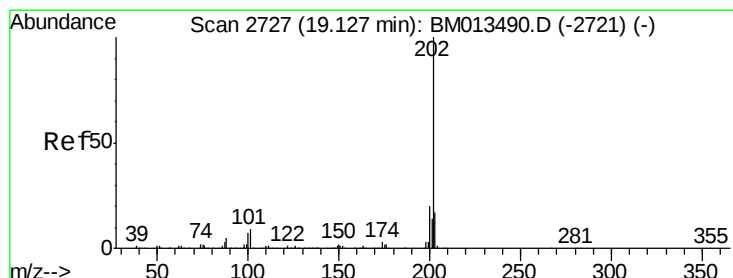
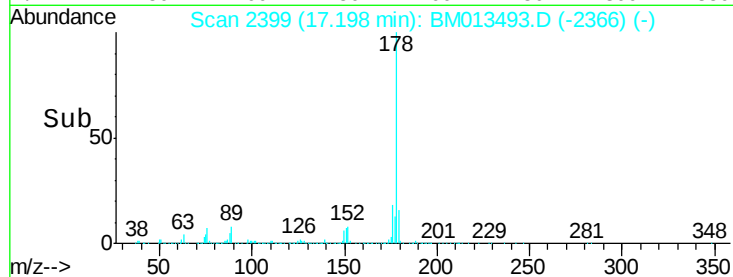
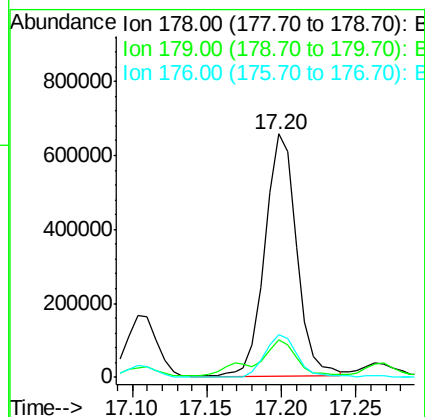
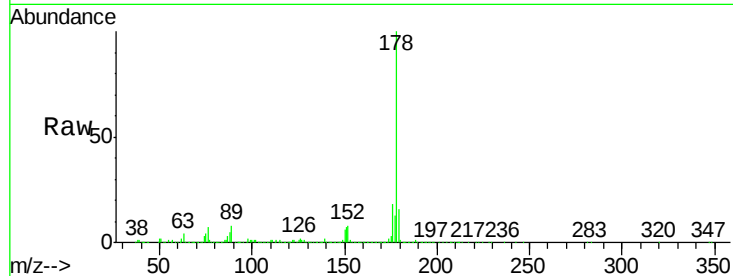




#71
 Anthracene
 Concen: 13.318 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM013493.D
 Acq: 18 Dec 2017 11:49

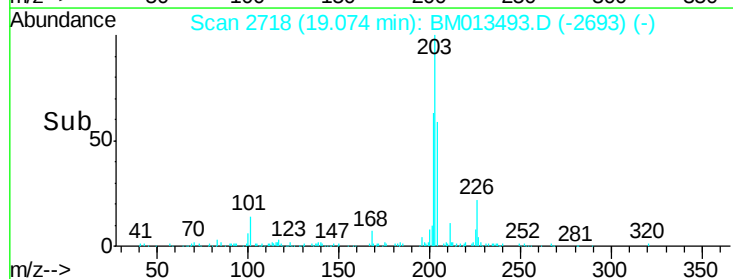
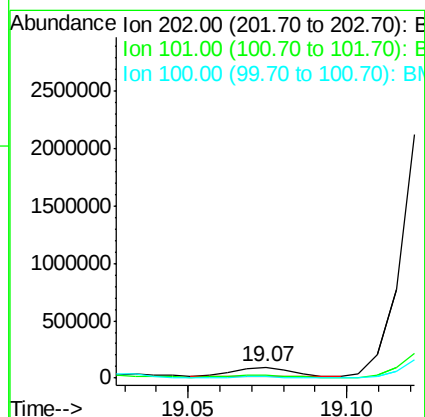
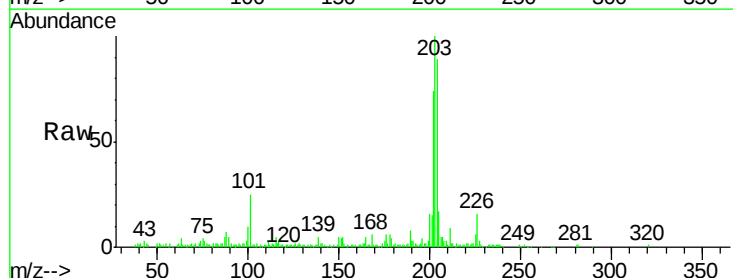
Instrument :
 BNA_M
 ClientSampleId :
 F9A55ME

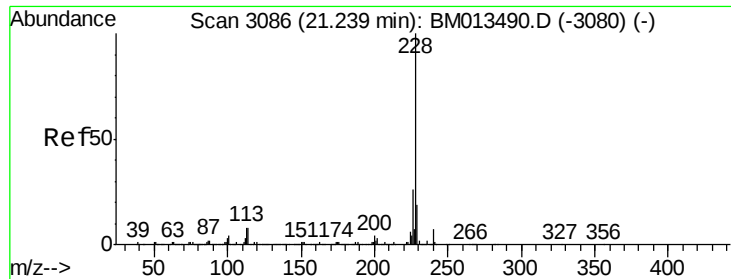
Tgt Ion:178 Resp: 966212
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.7 17.5
 176 17.6 14.6 21.8



#74
 Fluoranthene
 Concen: 1.229 ng/ul
 RT: 19.07 min Scan# 2718
 Delta R.T. -0.05 min
 Lab File: BM013493.D
 Acq: 18 Dec 2017 11:49

Tgt Ion:202 Resp: 106937
 Ion Ratio Lower Upper
 202 100
 101 33.5 4.6 7.0#
 100 13.0 3.4 5.2#





#80

Benzo(a)anthracene

Concen: 128.551 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

Instrument :

BNA_M

ClientSampled :

F9A55ME

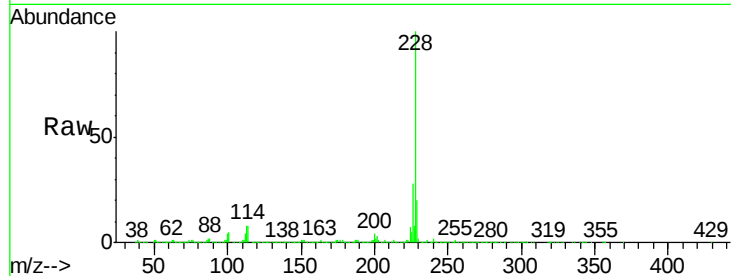
Tgt Ion:228 Resp: 7806869

Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

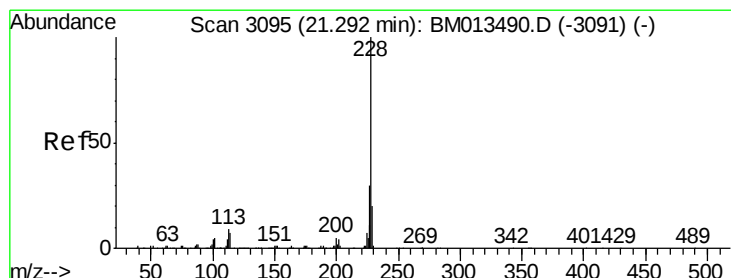
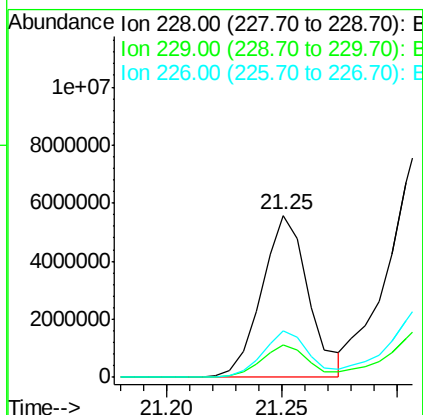
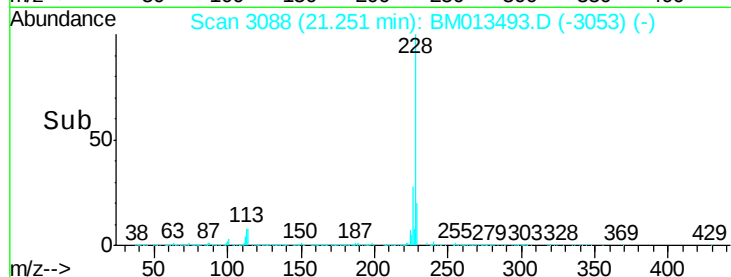
226 28.4 21.4 32.0



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



#82

Chrysene

Concen: 205.761 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

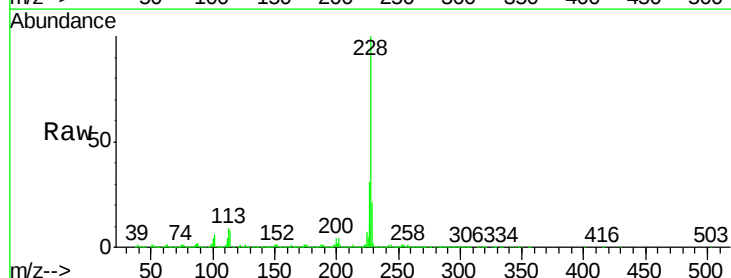
Tgt Ion:228 Resp:11593009

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

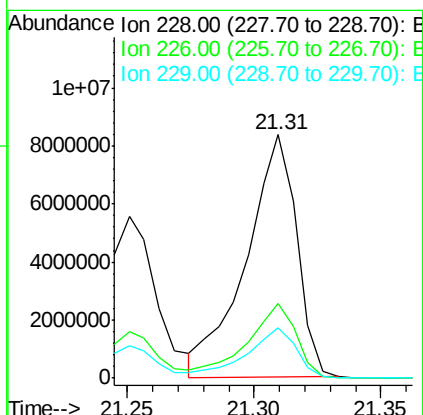
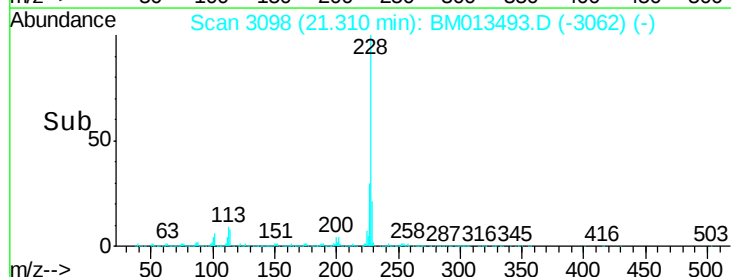
229 20.6 15.5 23.3

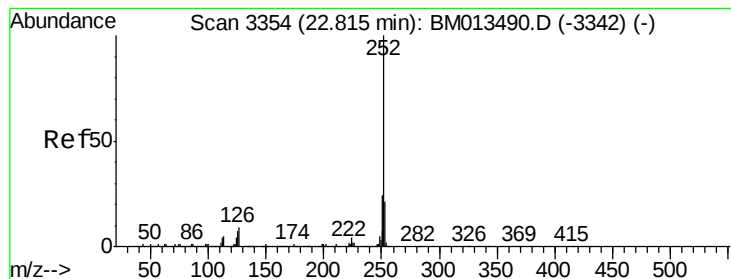


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 112.800 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

Instrument :

BNA_M

ClientSampleId :

F9A55ME

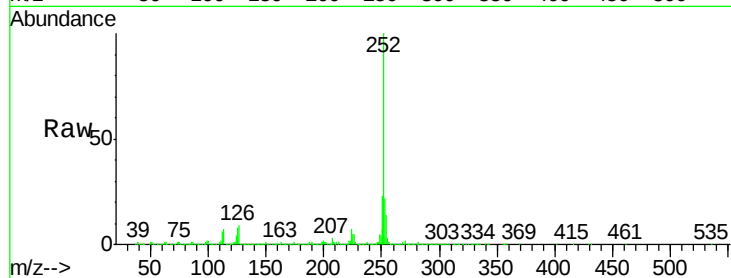
Tgt Ion:252 Resp: 6218754

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

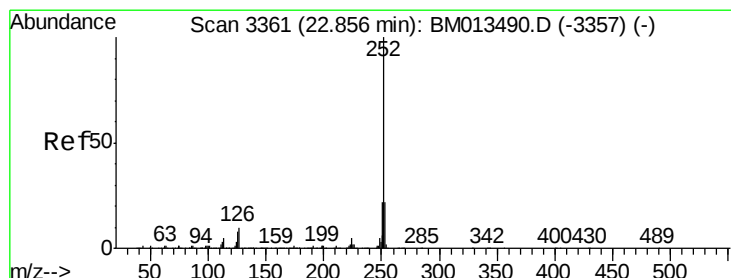
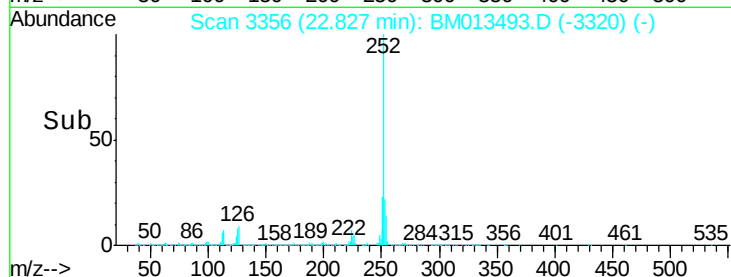
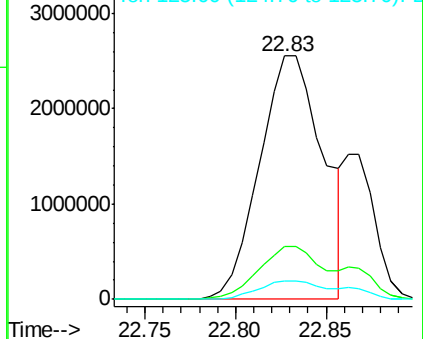
125 7.6 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 119.864 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.04 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

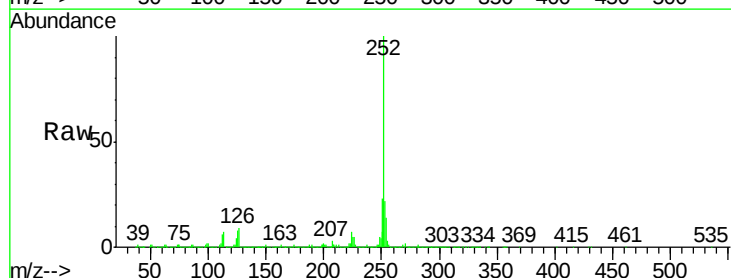
Tgt Ion:252 Resp: 6218754

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

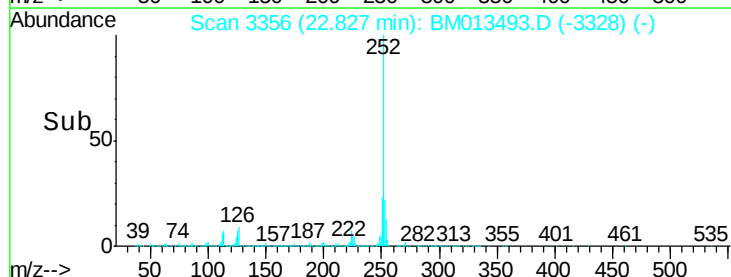
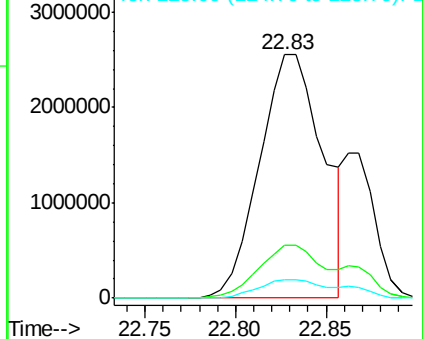
125 7.6 3.4 5.2#

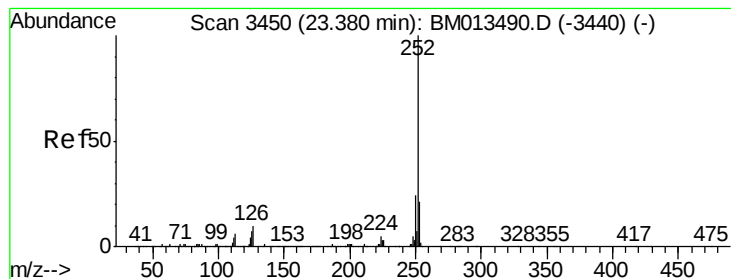


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 39.715 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

Instrument :

BNA_M

ClientSampleId :

F9A55ME

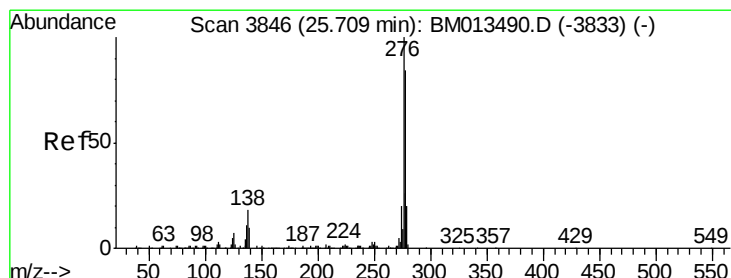
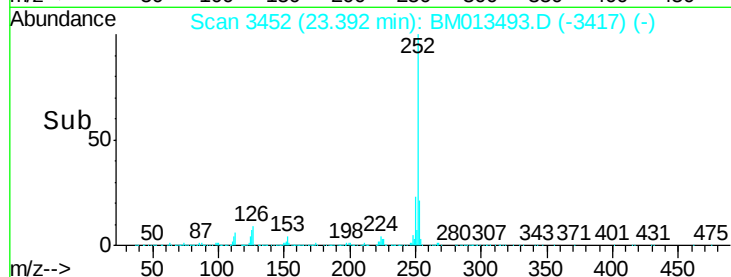
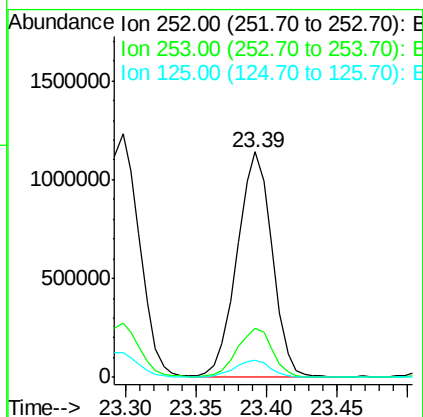
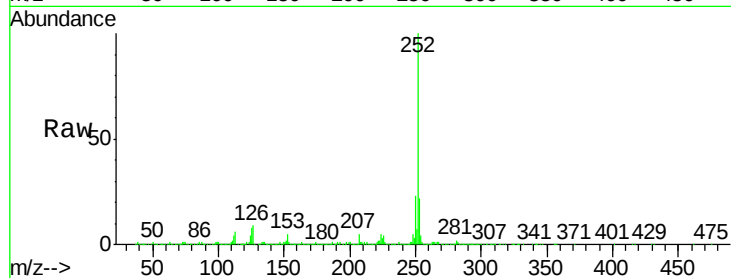
Tgt Ion:252 Resp: 1966838

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

125 7.7 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.455 ng/ul

RT: 25.71 min Scan# 3846

Delta R.T. -0.01 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

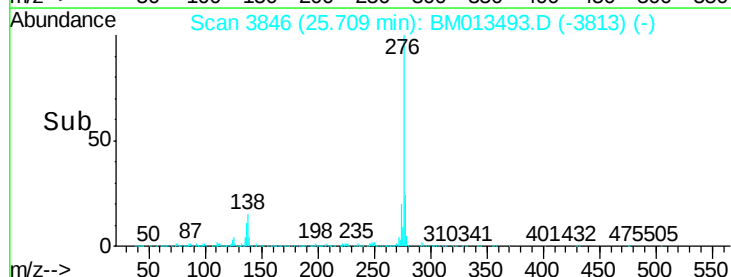
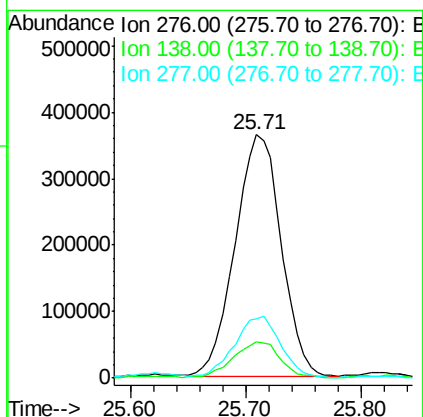
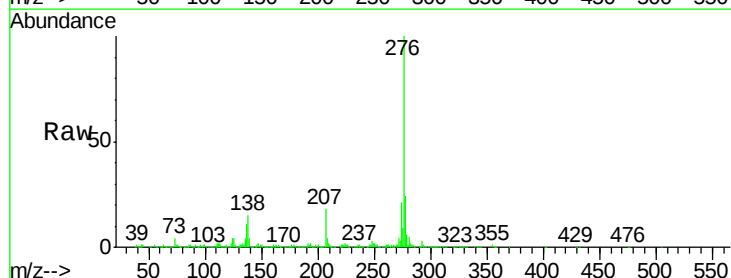
Tgt Ion:276 Resp: 1005115

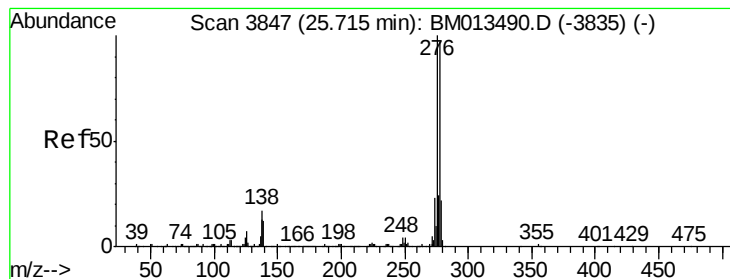
Ion Ratio Lower Upper

276 100

138 15.1 9.3 13.9#

277 24.3 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 6.758 ng/ul

RT: 25.72 min Scan# 3847

Delta R.T. -0.01 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

Instrument :

BNA_M

ClientSampleId :

F9A55ME

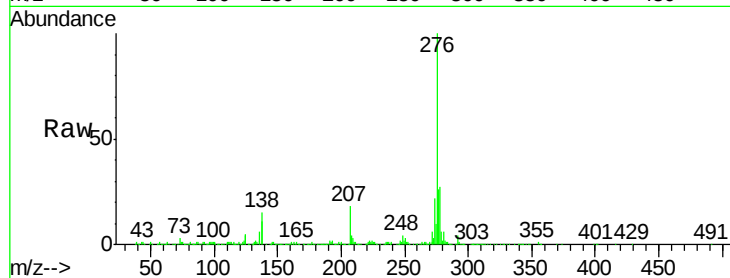
Tgt Ion:278 Resp: 282781

Ion Ratio Lower Upper

278 100

139 0.0 5.8 8.8#

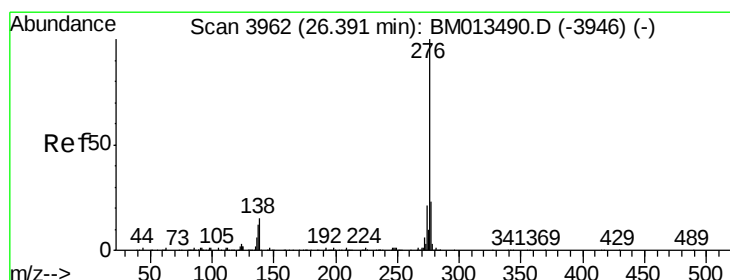
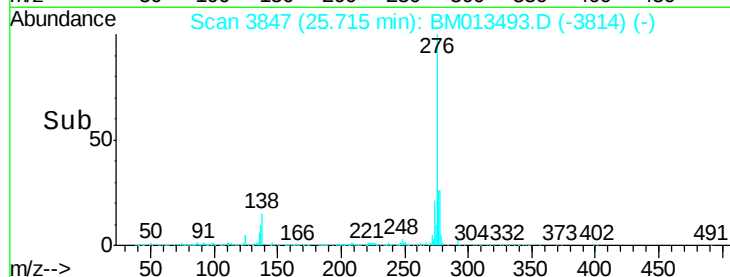
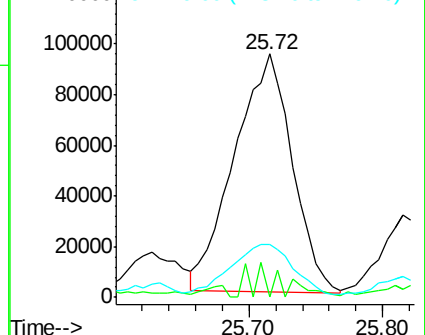
279 21.7 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 17.466 ng/ul

RT: 26.39 min Scan# 3962

Delta R.T. -0.01 min

Lab File: BM013493.D

Acq: 18 Dec 2017 11:49

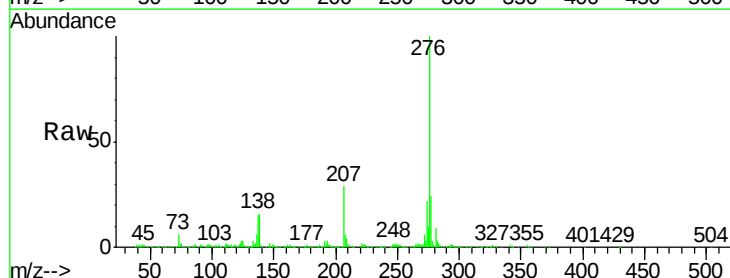
Tgt Ion:276 Resp: 676997

Ion Ratio Lower Upper

276 100

138 16.0 8.5 12.7#

277 23.6 18.6 28.0



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

