

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012033.D
 Acq On : 10 Oct 2017 03:28
 Operator : SJ/JU
 Sample : I5533-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-56(2-4)-092717

Quant Time: Oct 10 07:36:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 02:27:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	208946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	940892	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	595768	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1452571	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1862538	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2016225	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	13241	3.00	ng/uL	0.00
5) Phenol-d5	7.00	99	260884	14.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	173994	16.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	233356	16.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	188348	12.12	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	108753	16.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	121954	16.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	242714	15.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	249698	15.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	965993	18.71	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1102281	18.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	78151	8.66	ng/ul	0.00
57) Fluorene-d10	15.48	176	842040	18.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	108325	11.08	ng/ul	0.00
70) Anthracene-d10	17.33	188	1324632	18.51	ng/ul	0.00
76) Pyrene-d10	19.63	212	1750506	20.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1860980	19.19	ng/ul	0.00

Target Compounds

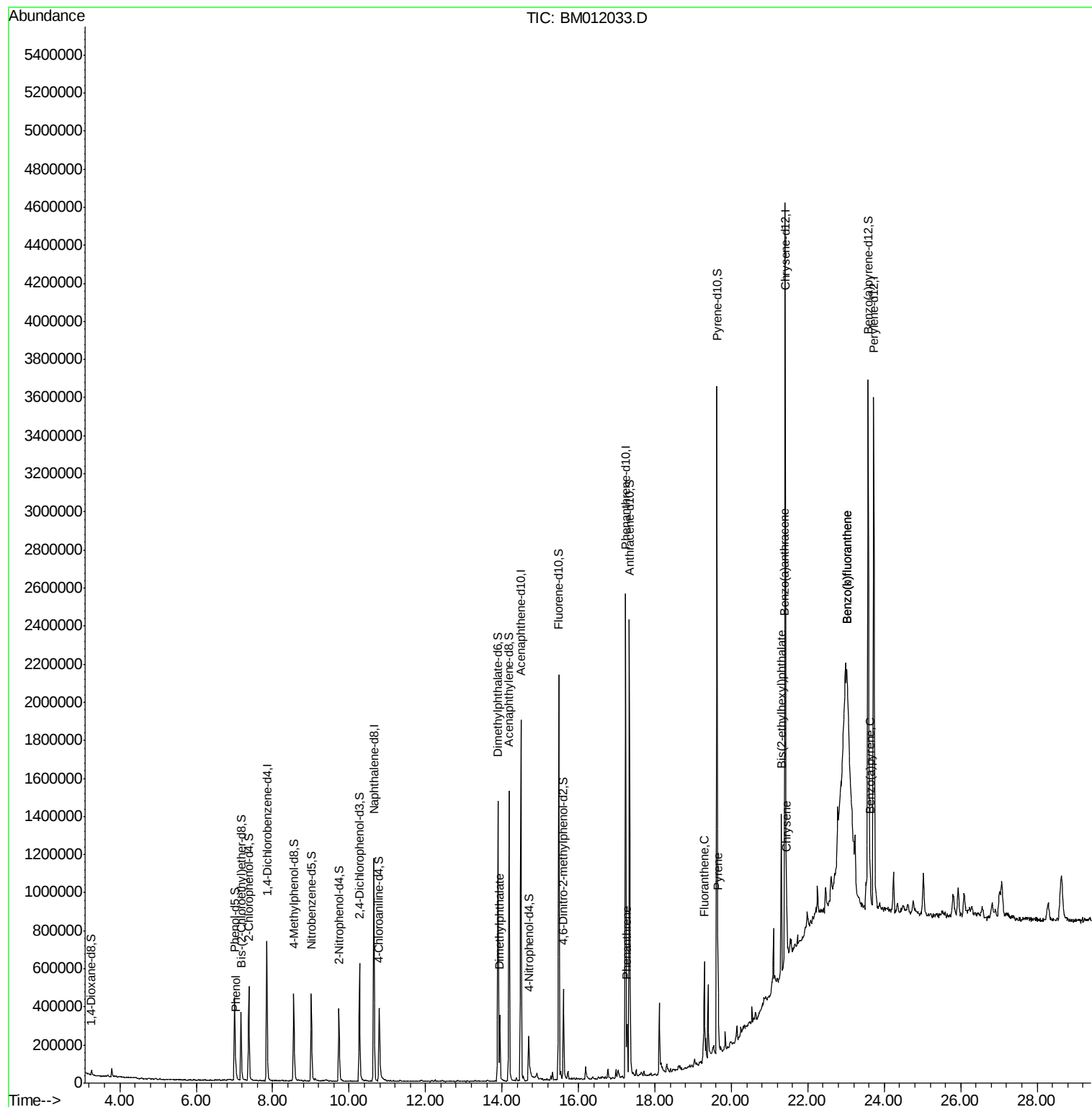
					Ovalue
6) Phenol	7.03	94	27069	1.522 ng/ul	93
44) Dimethylphthalate	13.95	163	230249	4.635 ng/ul	99
69) Phenanthrene	17.28	178	148627	1.860 ng/ul	98
74) Fluoranthene	19.29	202	299444	3.072 ng/ul#	91
77) Pyrene	19.65	202	273603	2.649 ng/ul#	89
80) Benzo(a)anthracene	21.39	228	159479	1.495 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.31	149	289893	4.817 ng/ul#	98
82) Chrysene	21.44	228	159776	1.576 ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	215682	1.760 ng/ul#	93
86) Benzo(k)fluoranthene	23.03	252	215682	1.763 ng/ul#	91
88) Benzo(a)pyrene	23.63	252	150938	1.282 ng/ul#	96

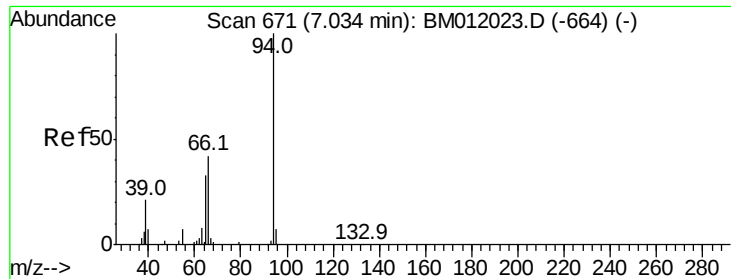
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 02:27:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.522 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Instrument :

BNA_M

ClientSampleId :

B-56(2-4)-092717

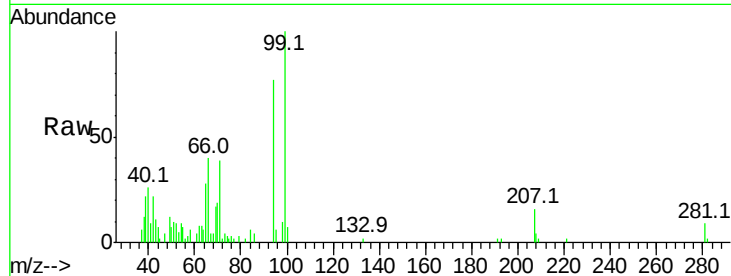
Tot Ion: 94 Resp: 27069

Ion Ratio Lower Upper

94 100

65 37.0 28.2 42.4

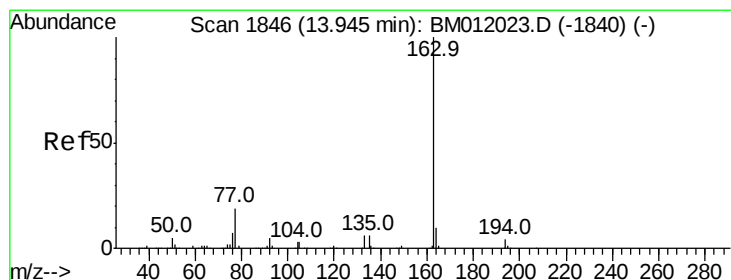
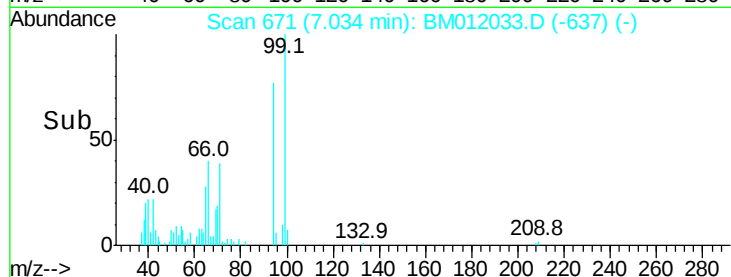
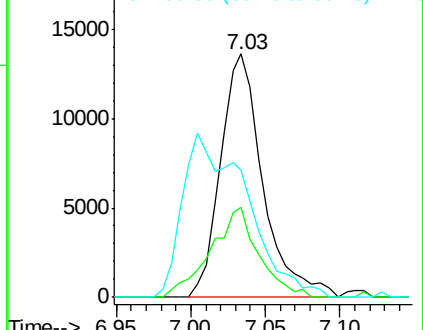
66 52.1 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM012023.D (-664) (-)

Ion 65.00 (64.70 to 65.70): BM012023.D (-664) (-)

Ion 66.00 (65.70 to 66.70): BM012023.D (-664) (-)



#44

Dimethylphthalate

Concen: 4.635 ng/ul

RT: 13.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

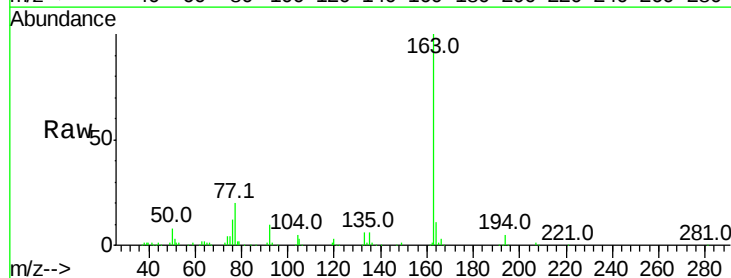
Tgt Ion:163 Resp: 230249

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

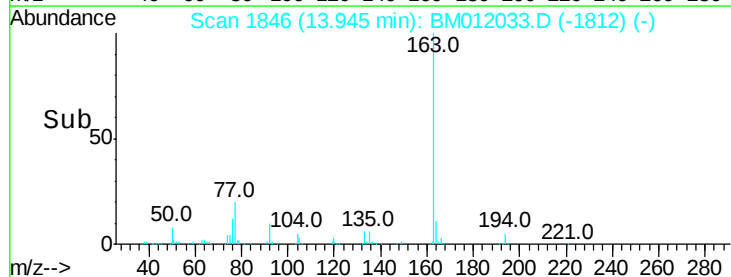
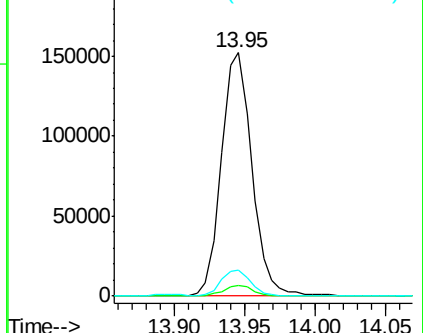
164 10.7 8.2 12.4

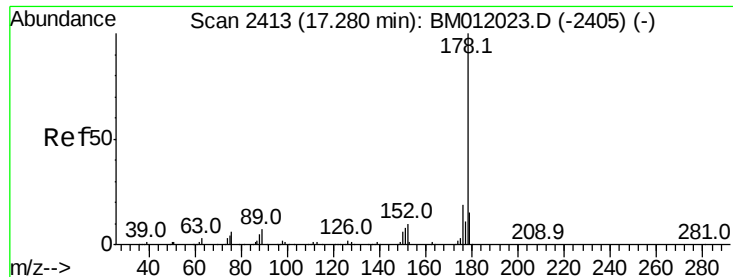


Abundance Ion 163.00 (162.70 to 163.70): BM012023.D (-1840) (-)

Ion 194.00 (193.70 to 194.70): BM012023.D (-1840) (-)

Ion 164.00 (163.70 to 164.70): BM012023.D (-1840) (-)





#69

Phenanthrene

Concen: 1.860 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Instrument :

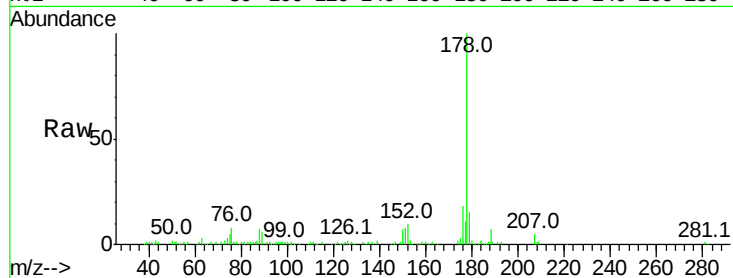
BNA_M

ClientSampleId :

B-56(2-4)-092717

Tot Ion:178 Resp: 148627

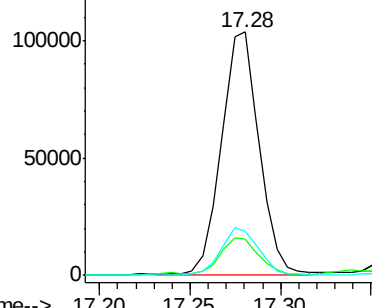
Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	18.3	14.9	22.3



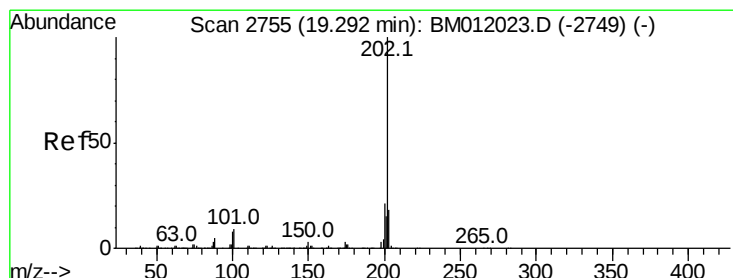
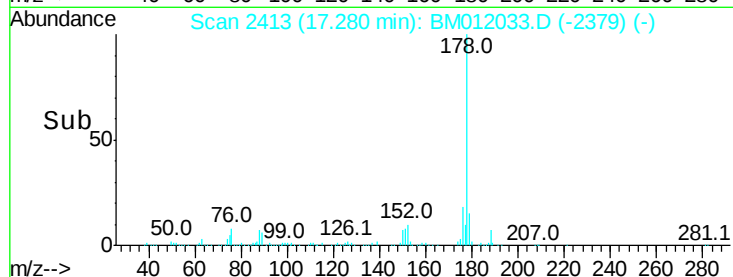
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.20 17.25 17.30



#74

Fluoranthene

Concen: 3.072 ng/ul

RT: 19.29 min Scan# 2755

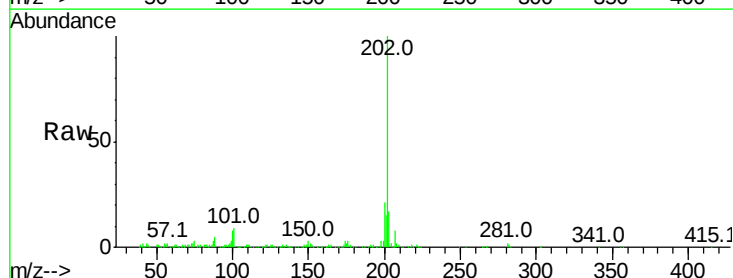
Delta R.T. 0.00 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Tgt Ion:202 Resp: 299444

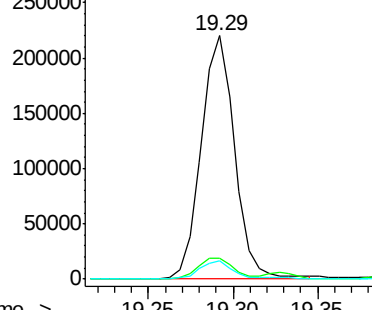
Ion	Ratio	Lower	Upper
202	100		
101	8.8	4.6	7.0#
100	7.6	3.4	5.2#



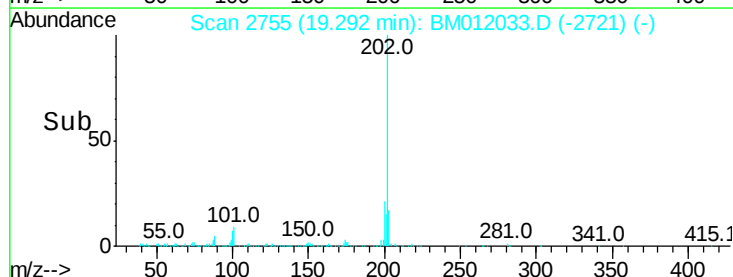
Abundance Ion 202.00 (201.70 to 202.70): E

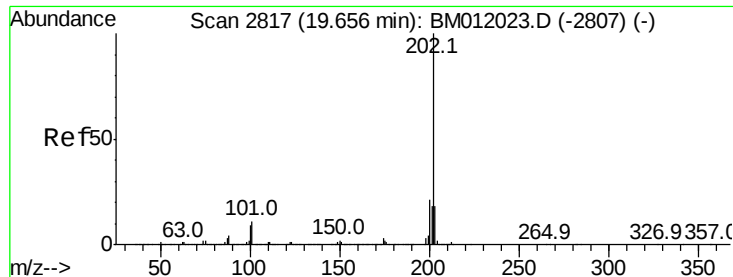
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.25 19.30 19.35





#77

Pvrene

Concen: 2.649 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Instrument :

BNA_M

ClientSampleId :

B-56(2-4)-092717

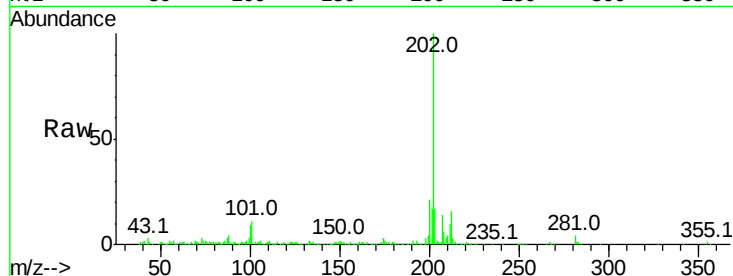
Tot Ion:202 Resp: 273603

Ion Ratio Lower Upper

202 100

101 10.6 5.1 7.7#

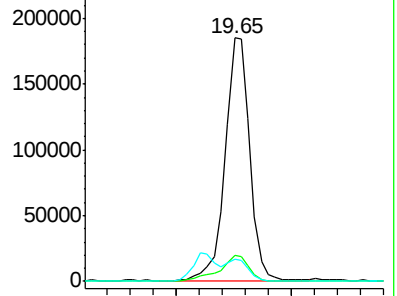
100 9.1 4.9 7.3#



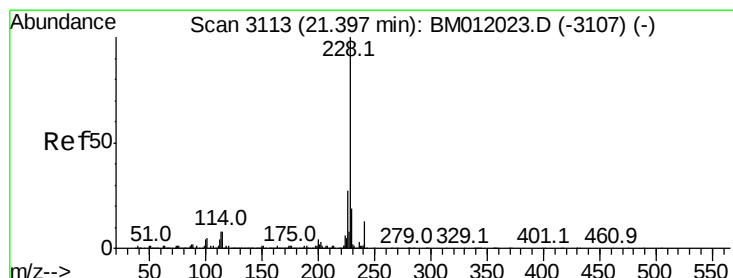
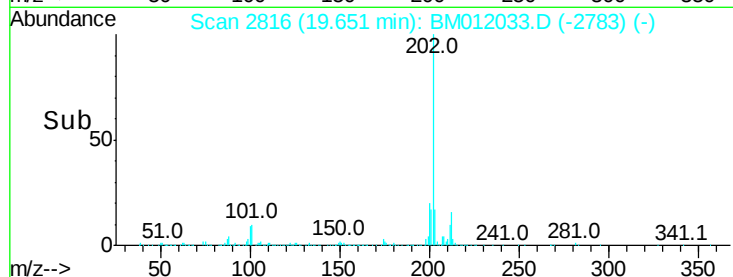
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Benzo(a)anthracene

Concen: 1.495 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

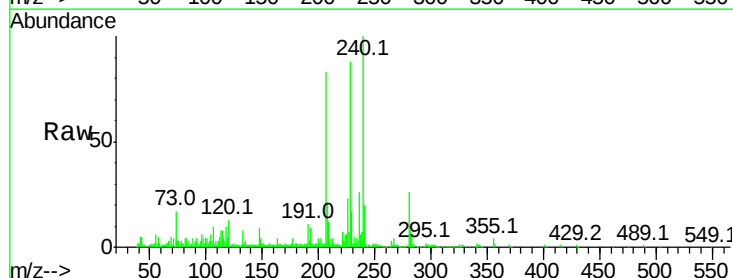
Tgt Ion:228 Resp: 159479

Ion Ratio Lower Upper

228 100

229 19.0 15.4 23.0

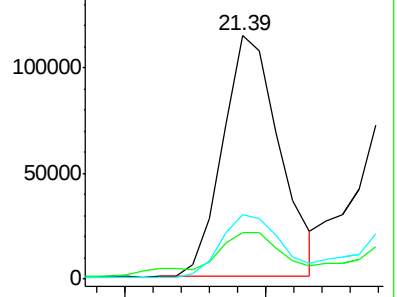
226 26.4 21.4 32.0



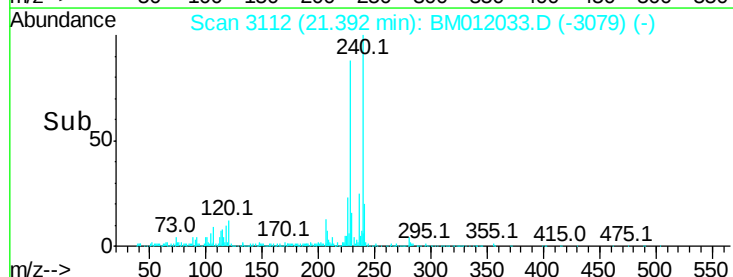
Abundance Ion 228.00 (227.70 to 228.70): E

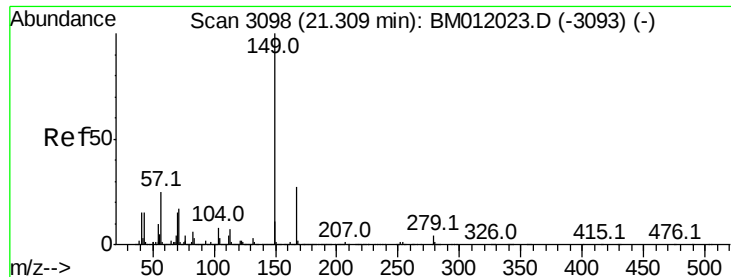
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->

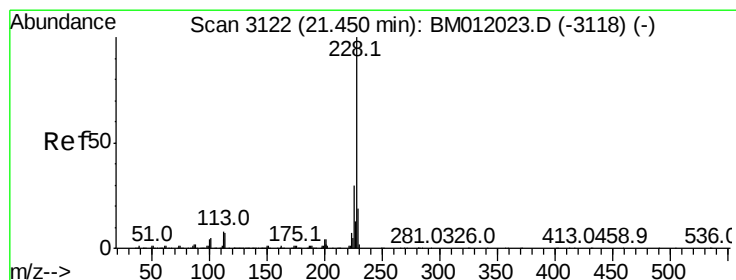
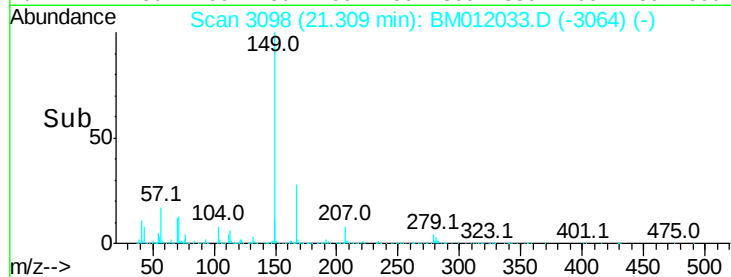
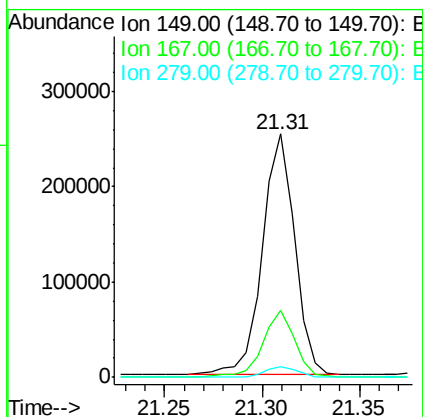
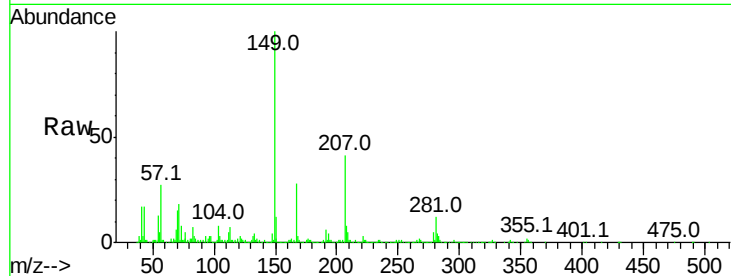




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 4.817 ng/ul
 RT: 21.31 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM012033.D
 Acq: 10 Oct 2017 03:28

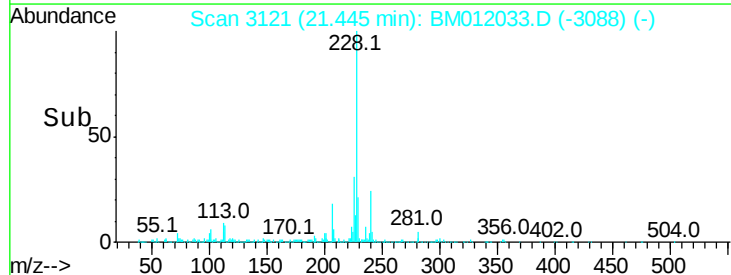
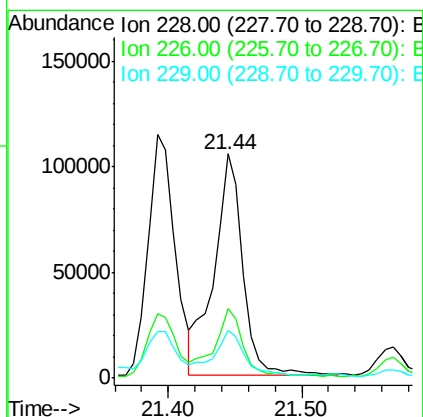
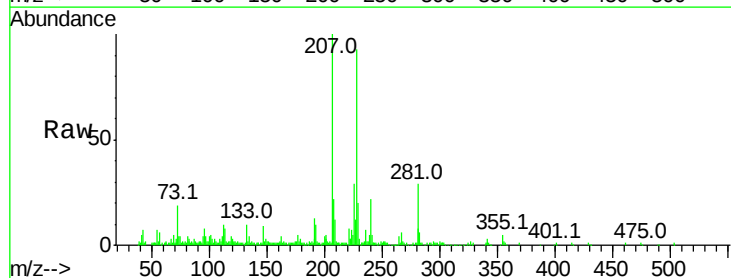
Instrument :
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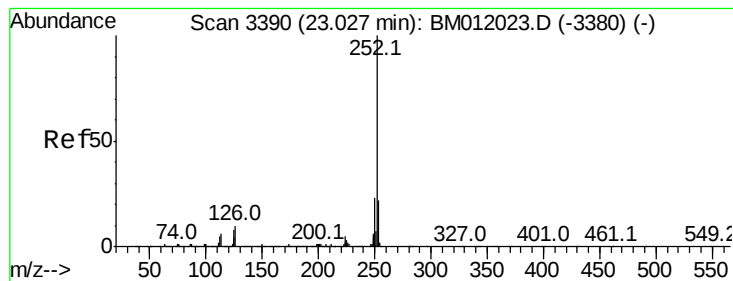
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.8	34.2
279	4.6	4.9	7.3#



#82
 Chrysene
 Concen: 1.576 ng/ul
 RT: 21.44 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BM012033.D
 Acq: 10 Oct 2017 03:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	21.3	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 1.760 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. 0.00 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Instrument :

BNA_M

ClientSampleId :

B-56(2-4)-092717

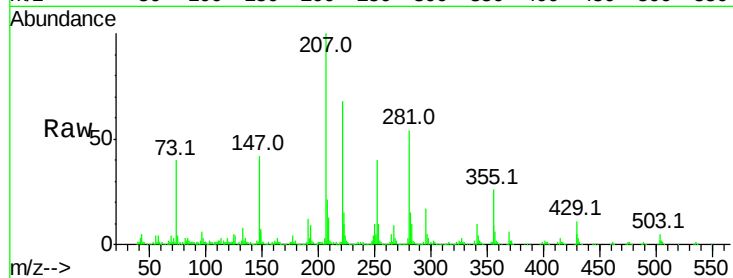
Tot Ion:252 Resp: 215682

Ion Ratio Lower Upper

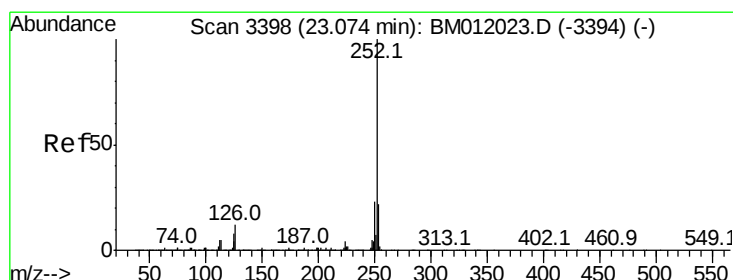
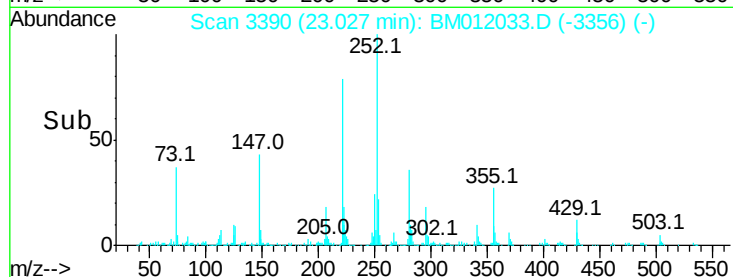
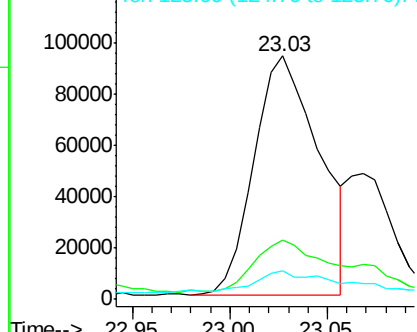
252 100

253 24.4 17.9 26.9

125 11.8 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: 1.763 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

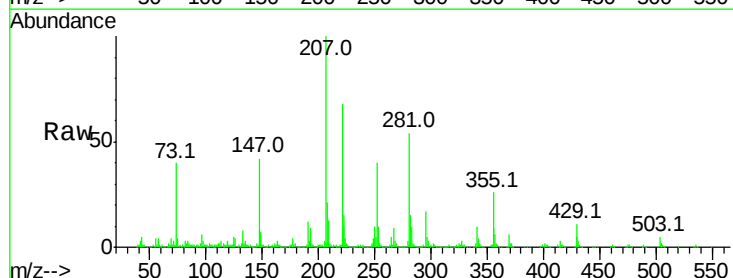
Tgt Ion:252 Resp: 215682

Ion Ratio Lower Upper

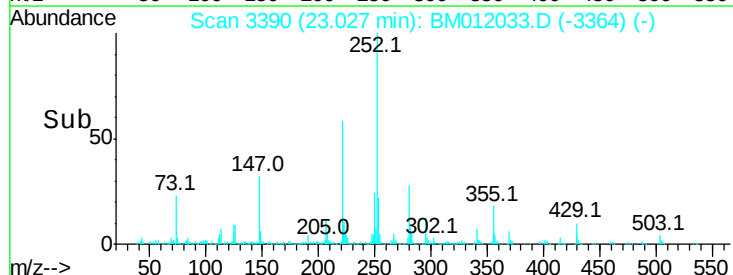
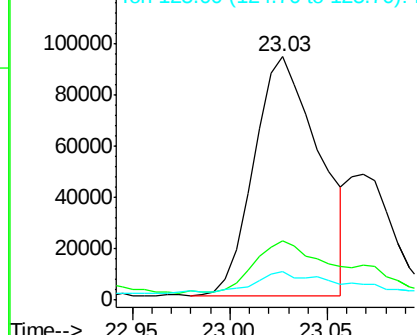
252 100

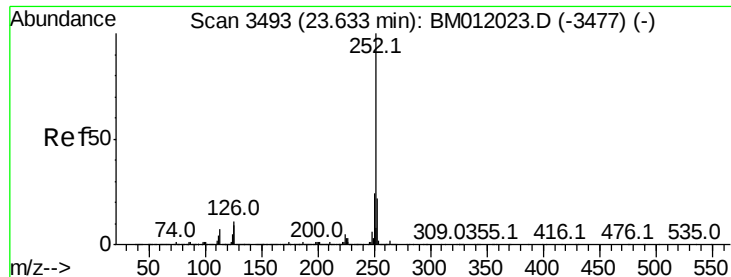
253 24.4 17.1 25.7

125 11.8 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: 1.282 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM012033.D

Acq: 10 Oct 2017 03:28

Instrument :

BNA_M

ClientSampleId :

B-56(2-4)-092717

Tot Ion:252 Resp: 150938

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 10.2 4.0 6.0#

