

Data File : BM023706.D
Acq On : 13 Nov 2019 20:43
Operator : JU
Sample : K5678-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM89

Quant Time: Nov 14 01:17:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 01:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	460759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2106171	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1414026	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2893312	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1980347	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2093745	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	29176	2.61	ng/uL	0.00
5) Phenol-d5	6.73	99	832217	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	454683	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	648385	21.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	687473	20.52	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	334966	22.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	395774	24.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	794935	22.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	290052	7.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2446486	22.19	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2872968	22.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	193805	10.30	ng/ul	0.00
58) Fluorene-d10	15.19	176	2151301	22.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	264977	15.83	ng/ul	0.00
71) Anthracene-d10	17.04	188	3168327	23.08	ng/ul	0.00
79) Pyrene-d10	19.34	212	3005673	29.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2499238	22.68	ng/ul	0.00

Target Compounds

					Qvalue	
45) Dimethylphthalate	13.66	163	333873	3.090	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.83	232	40287	1.372	ng/ul#	97
69) Pentachlorophenol	16.61	266	6682966	270.570	ng/ul	99
76) Di-n-butylphthalate	17.93	149	237409	1.612	ng/ul	97
77) Fluoranthene	19.01	202	230259	1.349	ng/ul	97
80) Pyrene	19.37	202	248126	1.938	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	720734	11.774	ng/ul	99
85) Chrysene	21.19	228	134399	1.093	ng/ul#	86
88) Benzo(b)fluoranthene	22.67	252	172311	1.291	ng/ul#	12
89) Benzo(k)fluoranthene	22.67	252	172311	1.340	ng/ul#	9
94) Benzo(g,h,i)perylene	26.12	276	113768	1.075	ng/ul#	86

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

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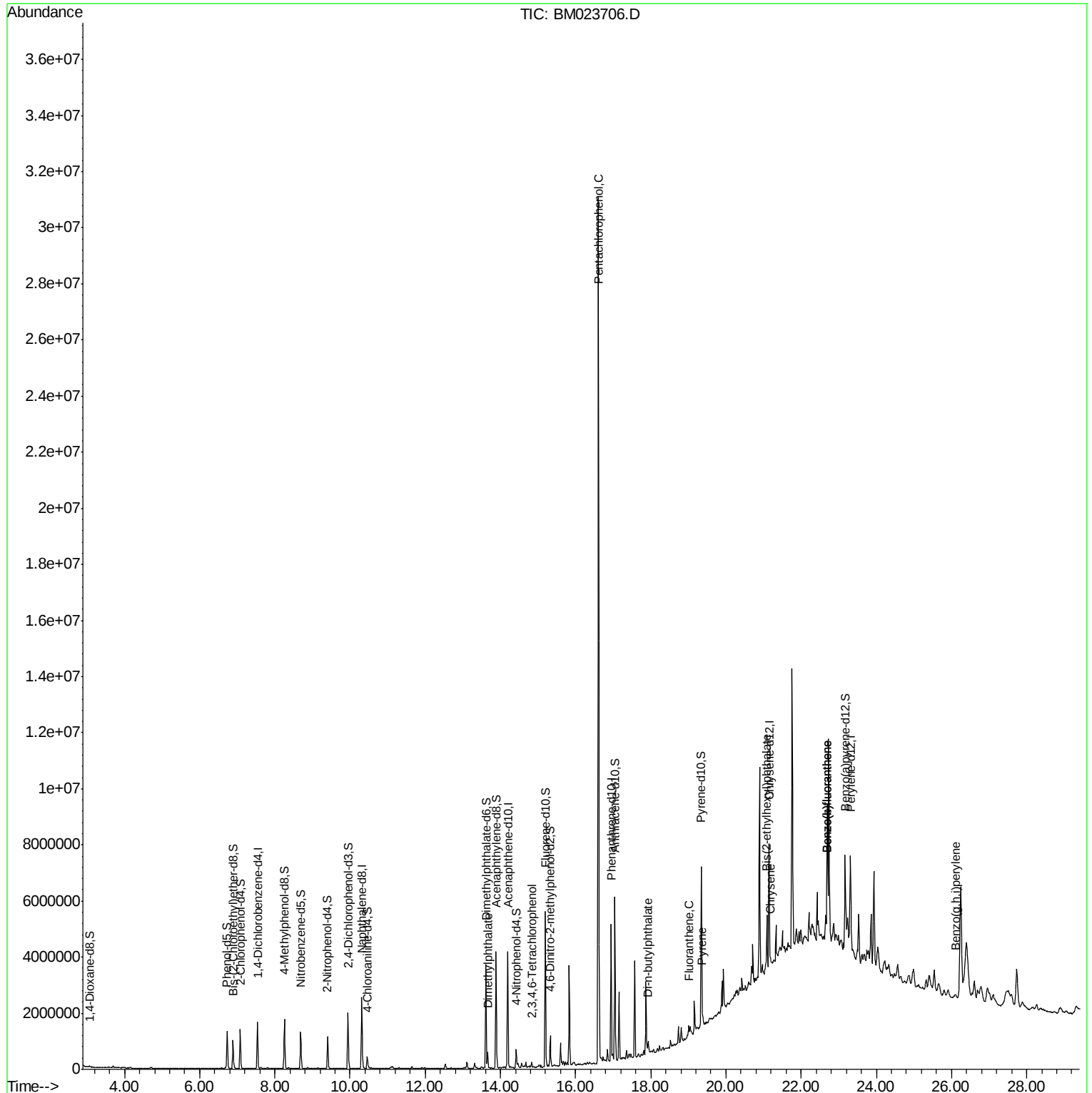
Quant Time: Nov 14 01:17:45 2019

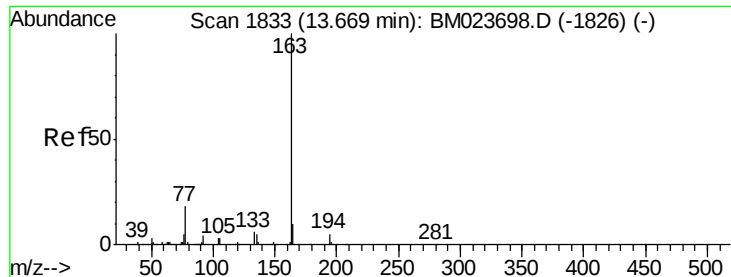
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Nov 14 01:13:45 2019

Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 3.090 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM023706.D

Acq: 13 Nov 2019 20:43

Instrument :

BNA_M

ClientSampleId :

JLM89

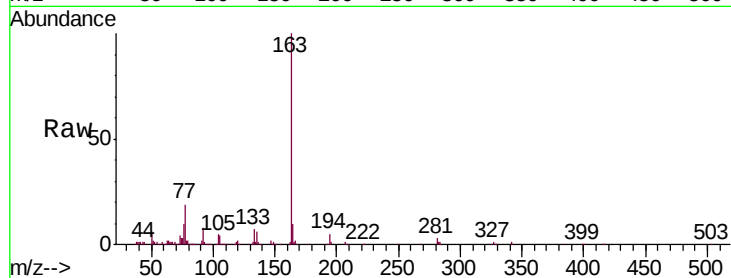
Tgt Ion:163 Resp: 333873

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

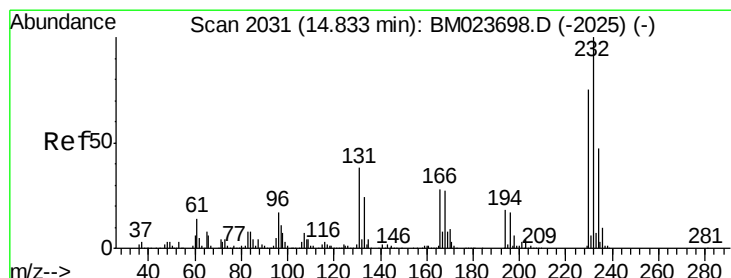
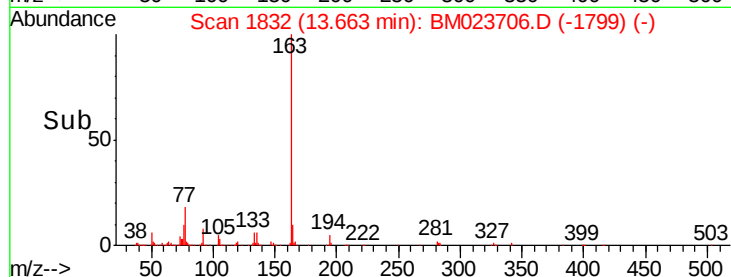
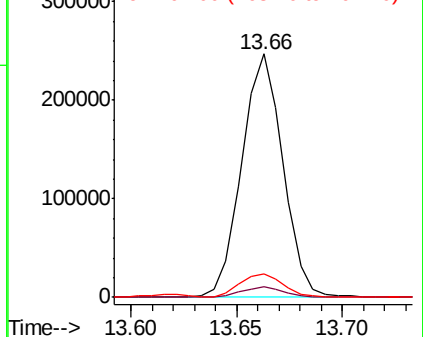
164 9.8 8.0 12.0



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



#56

2,3,4,6-Tetrachlorophenol

Concen: 1.372 ng/ul

RT: 14.83 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BM023706.D

Acq: 13 Nov 2019 20:43

Tgt Ion:232 Resp: 40287

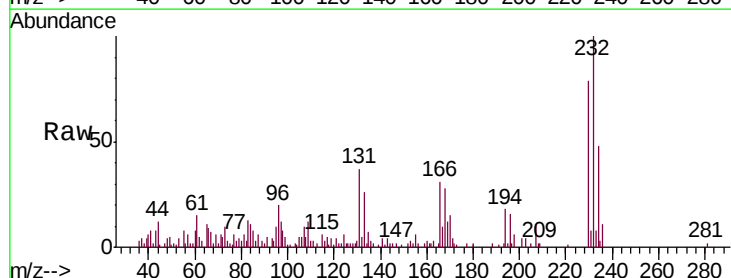
Ion Ratio Lower Upper

232 100

131 37.1 30.1 45.1

130 2.6 1.5 2.3#

166 31.4 22.5 33.7

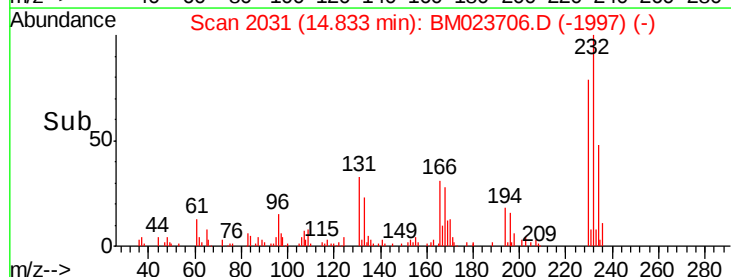
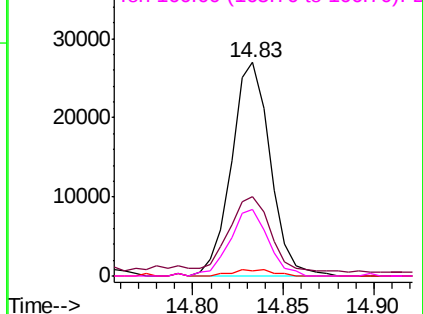


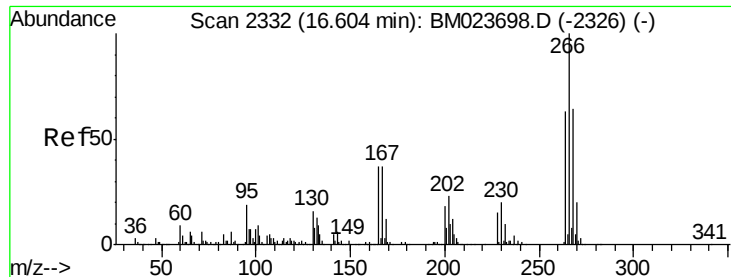
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

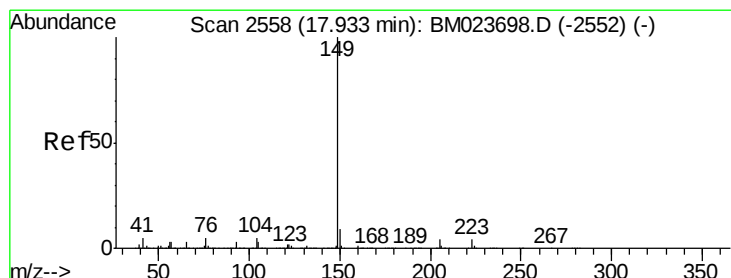
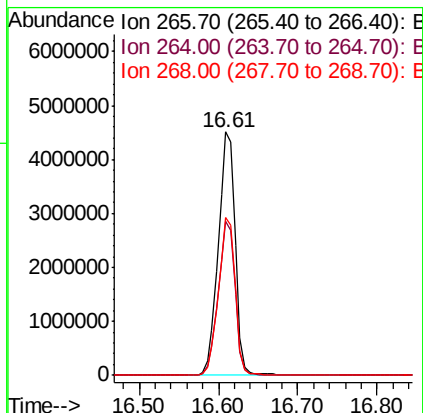
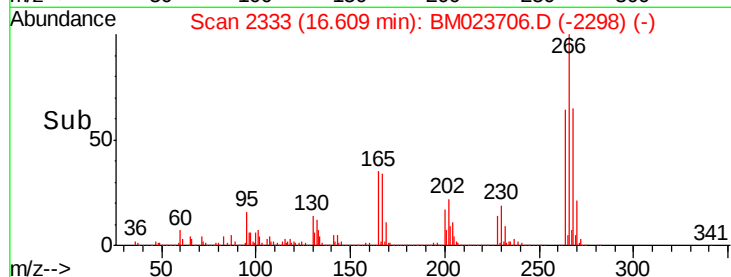
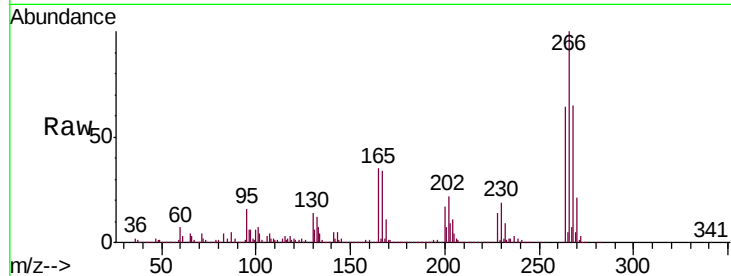




#69
 Pentachlorophenol
 Concen: 270.570 ng/ul
 RT: 16.61 min Scan# 2333
 Delta R.T. 0.01 min
 Lab File: BM023706.D
 Acq: 13 Nov 2019 20:43

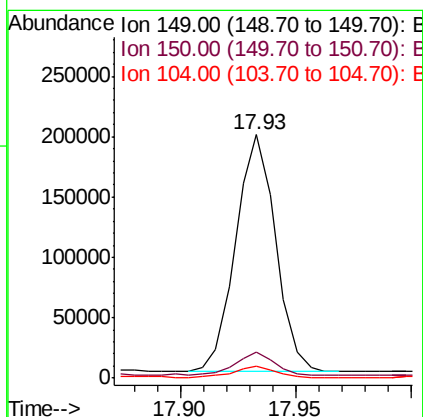
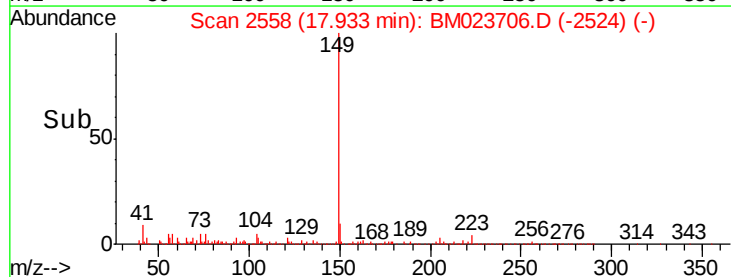
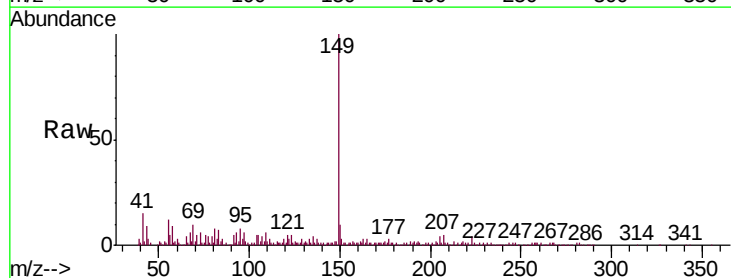
Instrument :
 BNA_M
 ClientSampleId :
 JLM89

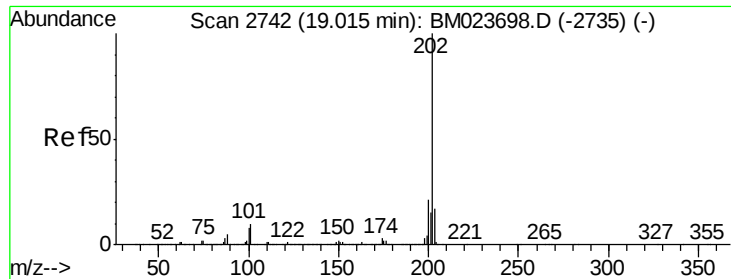
Tgt Ion:266 Resp: 6682966
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.6 75.8
 268 64.8 50.9 76.3



#76
 Di-n-butylphthalate
 Concen: 1.612 ng/ul
 RT: 17.93 min Scan# 2558
 Delta R.T. -0.00 min
 Lab File: BM023706.D
 Acq: 13 Nov 2019 20:43

Tgt Ion:149 Resp: 237409
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.1 10.7
 104 5.1 4.2 6.2

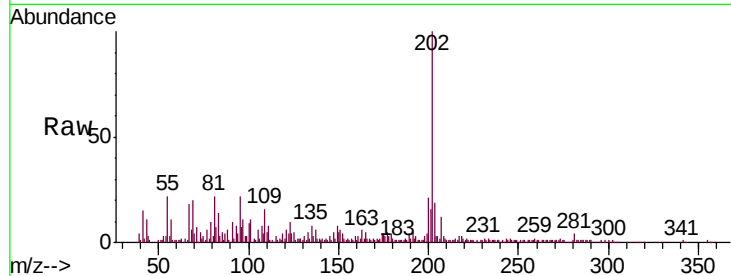




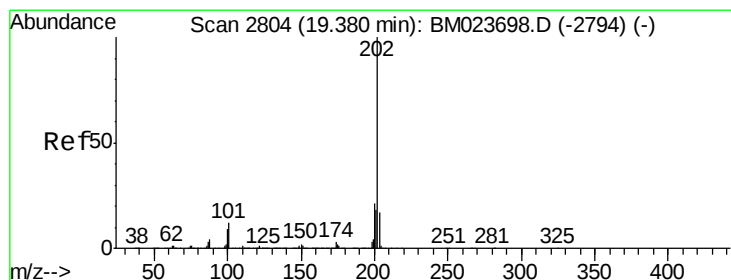
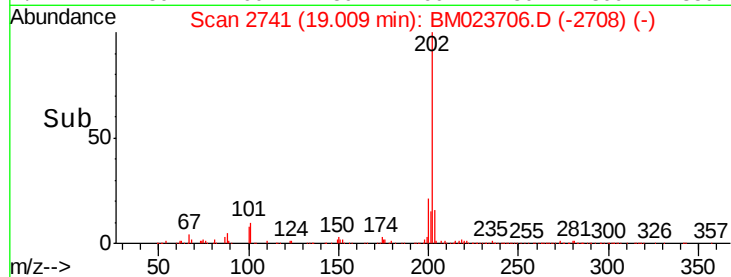
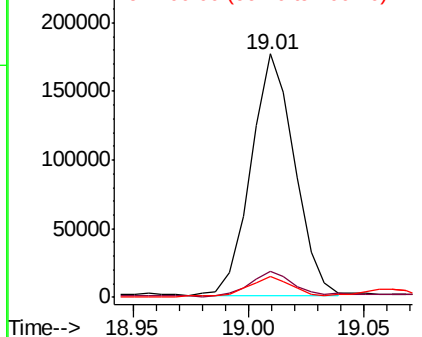
#77
 Fluoranthene
 Concen: 1.349 ng/ul
 RT: 19.01 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM023706.D
 Acq: 13 Nov 2019 20:43

Instrument :
 BNA_M
 ClientSampleId :
 JLM89

Tgt Ion:	202	Resp:	230259
Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.7	11.5
100	8.6	6.0	9.0

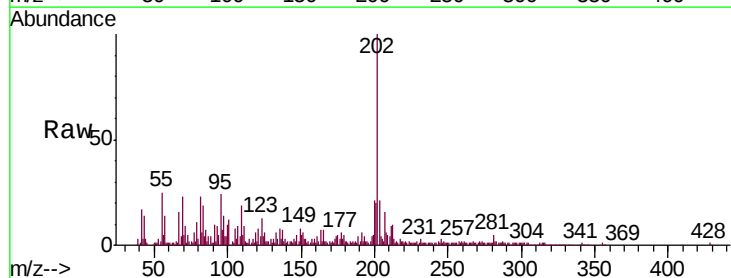


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

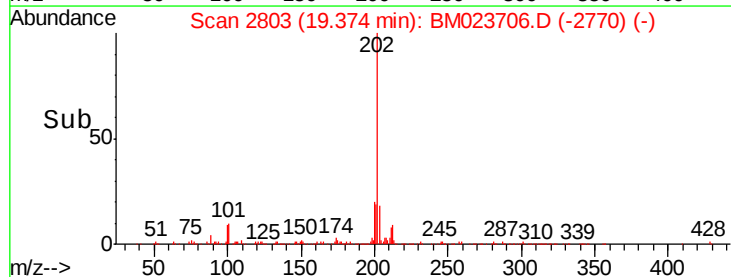
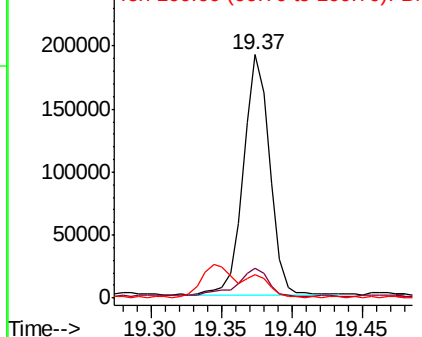


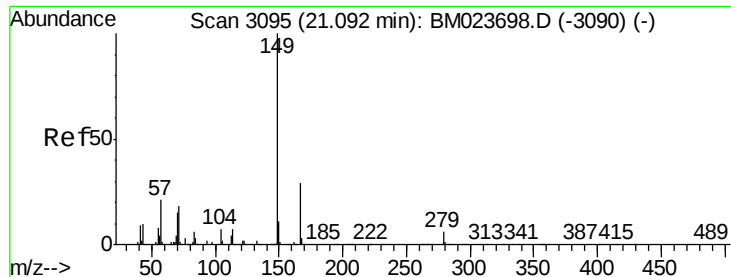
#80
 Pyrene
 Concen: 1.938 ng/ul
 RT: 19.37 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM023706.D
 Acq: 13 Nov 2019 20:43

Tgt Ion:	202	Resp:	248126
Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
100	9.8	8.1	12.1



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

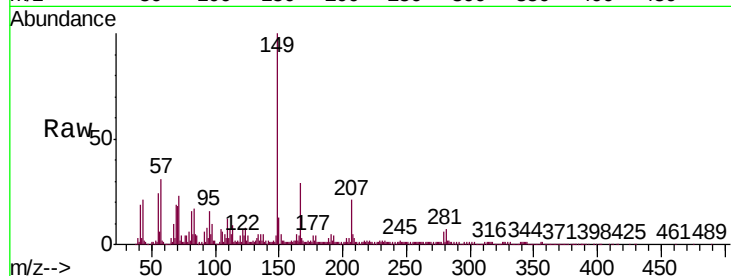




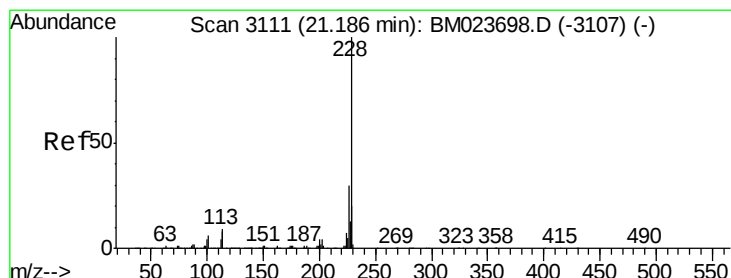
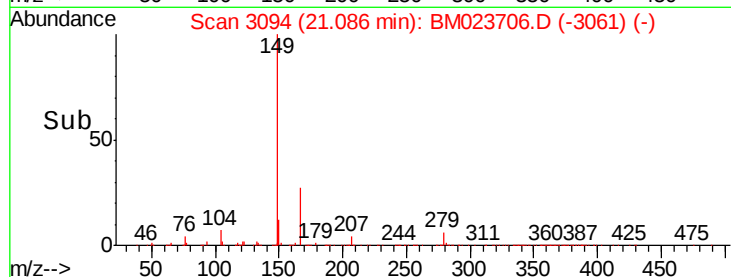
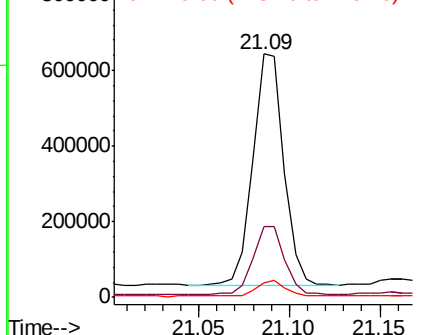
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.774 ng/ul
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM023706.D
 Acq: 13 Nov 2019 20:43

Instrument :
 BNA_M
 ClientSampleId :
 JLM89

Tgt Ion:149 Resp: 720734
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.4 35.2
 279 6.0 5.0 7.4

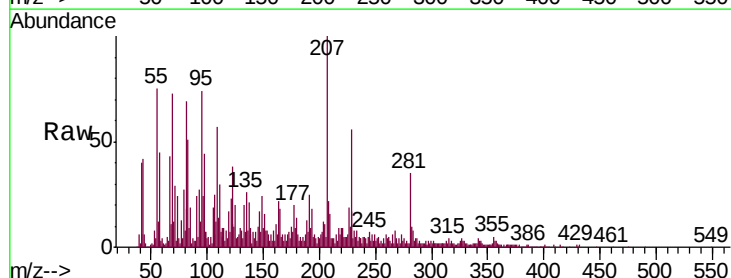


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

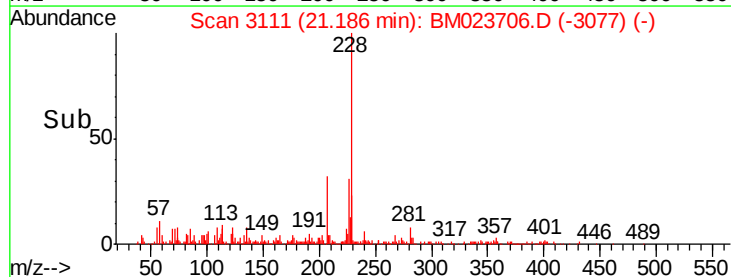
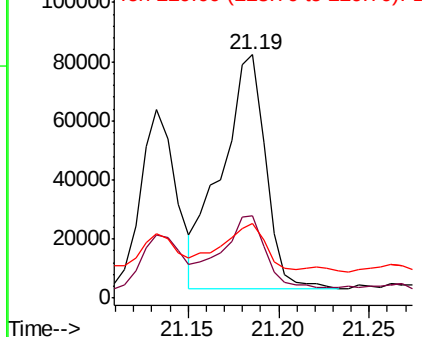


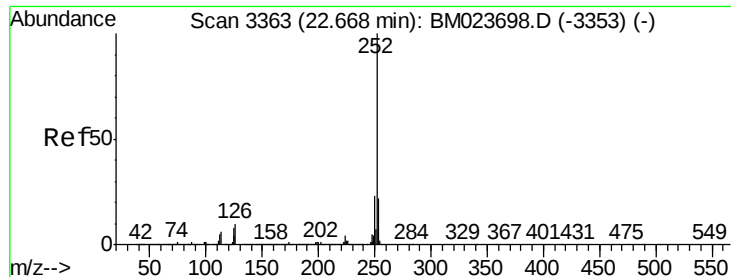
#85
 Chrysene
 Concen: 1.093 ng/ul
 RT: 21.19 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM023706.D
 Acq: 13 Nov 2019 20:43

Tgt Ion:228 Resp: 134399
 Ion Ratio Lower Upper
 228 100
 226 33.7 23.8 35.8
 229 30.5 15.8 23.6#



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





#88

Benzo(b)fluoranthene

Concen: 1.291 ng/ul

RT: 22.67 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BM023706.D

Acq: 13 Nov 2019 20:43

Instrument :

BNA_M

ClientSampleId :

JLM89

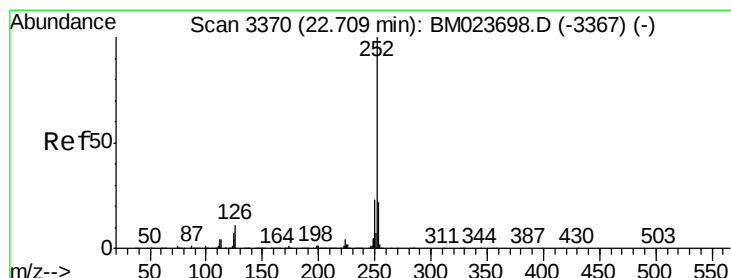
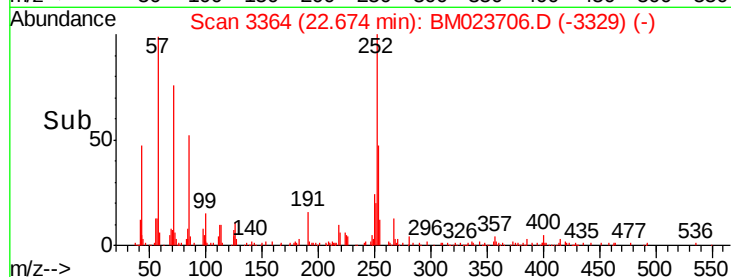
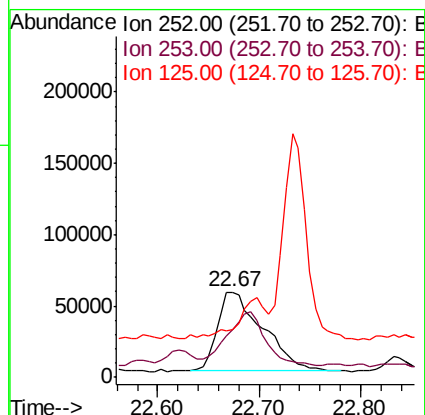
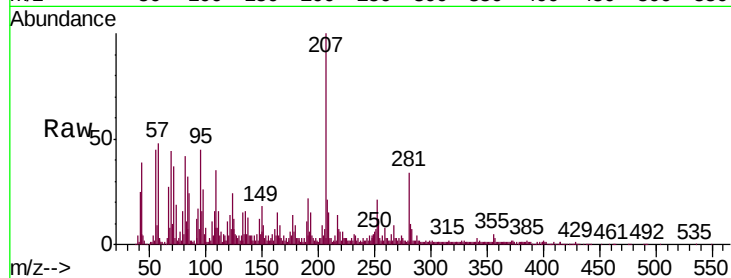
Tgt Ion:252 Resp: 172311

Ion Ratio Lower Upper

252 100

253 56.2 17.8 26.8#

125 56.4 6.5 9.7#



#89

Benzo(k)fluoranthene

Concen: 1.340 ng/ul

RT: 22.67 min Scan# 3364

Delta R.T. -0.04 min

Lab File: BM023706.D

Acq: 13 Nov 2019 20:43

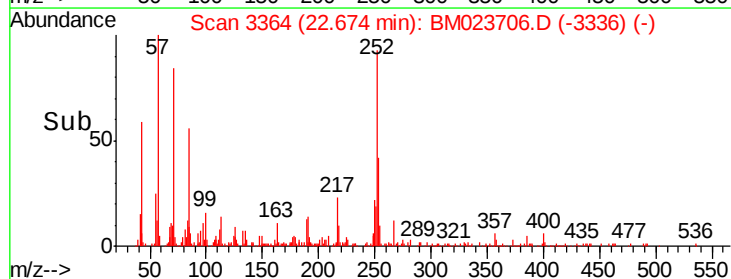
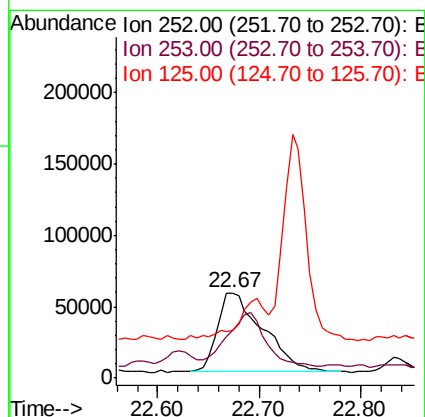
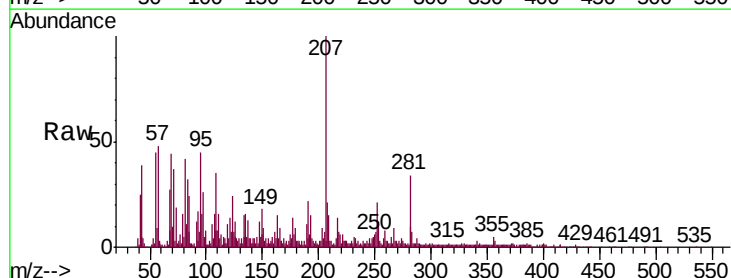
Tgt Ion:252 Resp: 172311

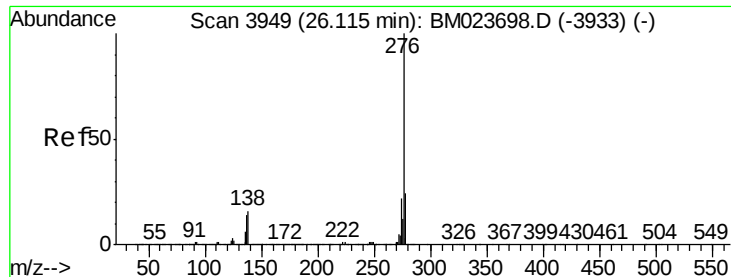
Ion Ratio Lower Upper

252 100

253 56.2 17.2 25.8#

125 56.4 5.9 8.9#





#94

Benzo(g,h,i)perylene

Concen: 1.075 ng/ul

RT: 26.12 min Scan# 3950

Delta R.T. 0.01 min

Lab File: BM023706.D

Acq: 13 Nov 2019 20:43

Instrument :

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ClientSampleId :

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Tgt Ion: 276 Resp: 113768

Ion Ratio Lower Upper

276 100

138 22.2 13.2 19.8#

277 30.3 18.6 28.0#

