

Data File : BM023199.D
Acq On : 16 Oct 2019 20:21
Operator : JU
Sample : K5199-12DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP79DL

Quant Time: Oct 17 04:34:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	485297	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1944063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1103699	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2069856	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1975351	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2410838	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8918	0.81	ng/uL	0.00
5) Phenol-d5	6.83	99	141230	3.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	101168	4.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	121502	3.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	100478	2.96	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	60029	4.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	54959	4.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	123106	3.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	60508	1.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	379812	4.49	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	461222	4.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	21855	1.60	ng/ul	0.00
58) Fluorene-d10	15.30	176	336507	4.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	20432	2.49	ng/ul	0.00
71) Anthracene-d10	17.15	188	494276	4.95	ng/ul	0.00
79) Pyrene-d10	19.44	212	521122	5.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	603610	4.94	ng/ul	0.00

Target Compounds

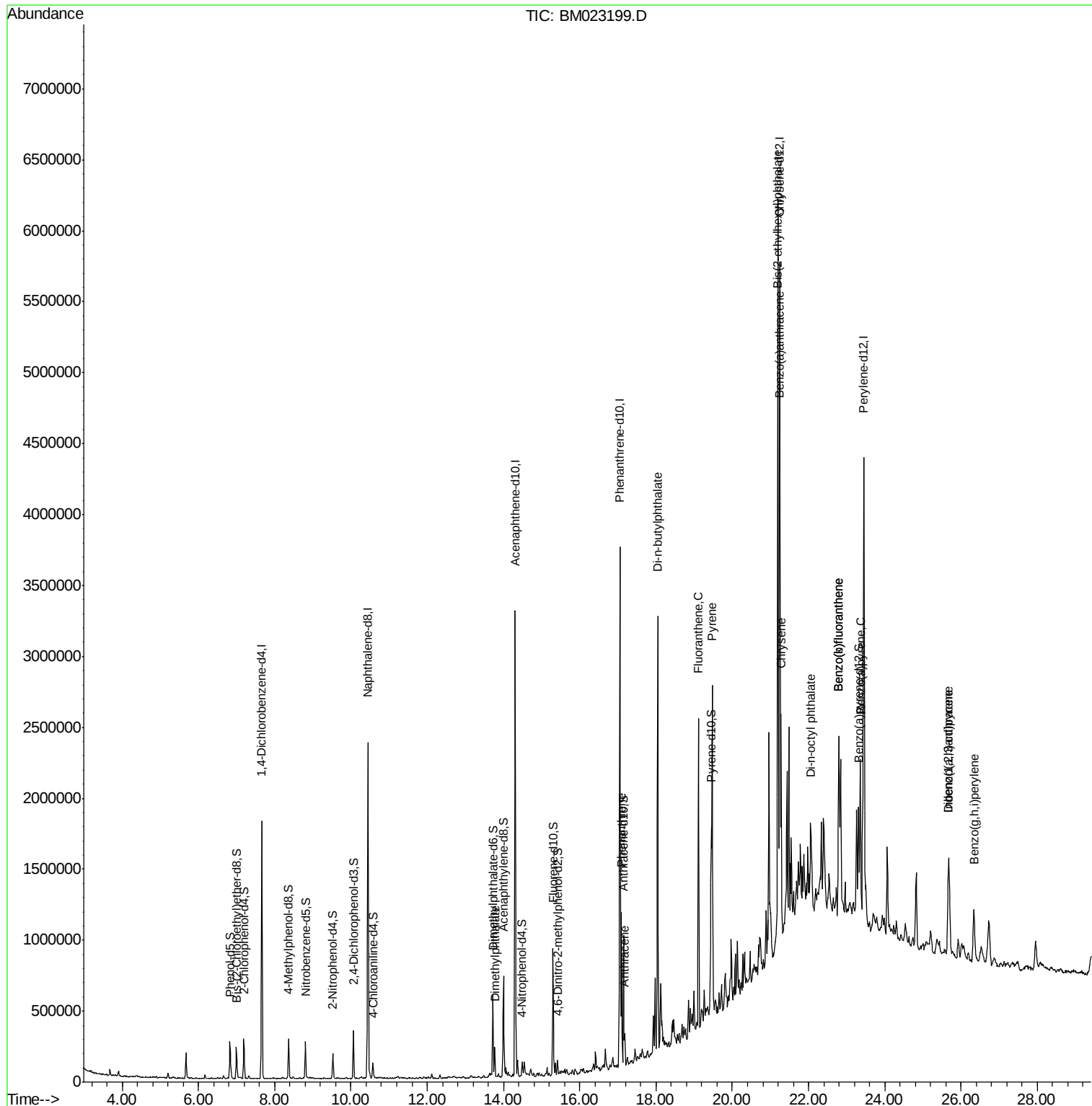
						Qvalue
45) Dimethylphthalate	13.77	163	132097	1.560	ng/ul	100
70) Phenanthrene	17.09	178	634969	5.466	ng/ul	99
72) Anthracene	17.19	178	147750	1.231	ng/ul	98
76) Di-n-butylphthalate	18.04	149	2220617	17.402	ng/ul	99
77) Fluoranthene	19.12	202	1354306	9.803	ng/ul	100
80) Pyrene	19.47	202	1428692	11.545	ng/ul	99
83) Benzo(a)anthracene	21.23	228	850901	6.357	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.19	149	1938098	28.319	ng/ul	100
85) Chrysene	21.28	228	853992	6.872	ng/ul	98
87) Di-n-octyl phthalate	22.06	149	308504	2.480	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	1059790	7.250	ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	1059790	7.551	ng/ul	98
91) Benzo(a)pyrene	23.36	252	847184	6.041	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	573527	3.438	ng/ul	99
93) Dibenzo(a,h)anthracene	25.67	278	154207	1.105	ng/ul#	85
94) Benzo(g,h,i)perylene	26.34	276	433018	3.152	ng/ul	99

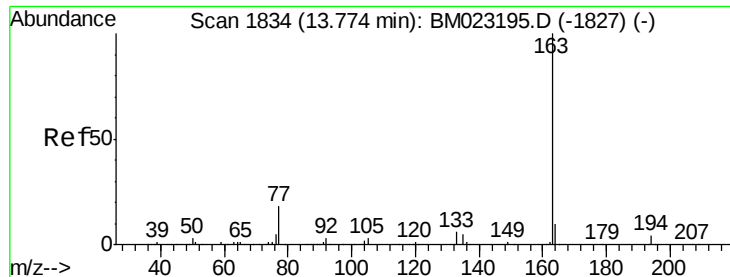
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.560 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. -0.01 min

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Acq: 16 Oct 2019 20:21

Instrument :

BNA_M

ClientSampleId :

BEP79DL

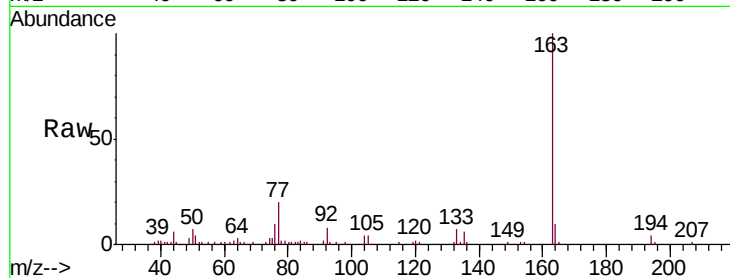
Tgt Ion:163 Resp: 132097

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

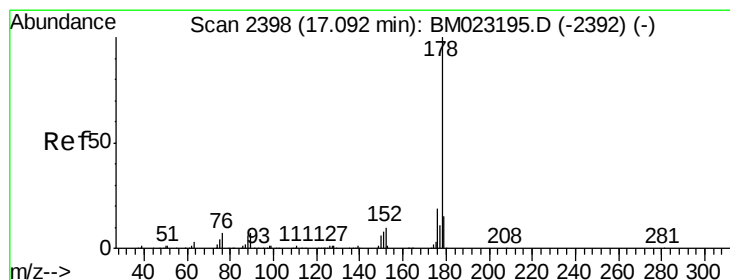
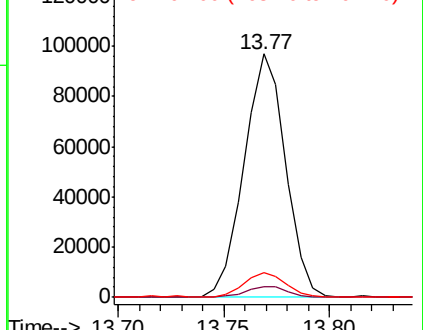
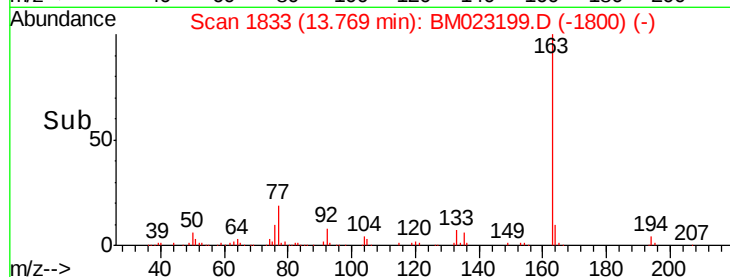
164 9.9 8.0 12.0



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



#70

Phenanthrene

Concen: 5.466 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

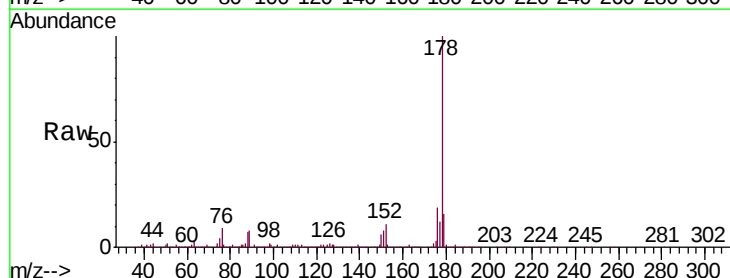
Tgt Ion:178 Resp: 634969

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

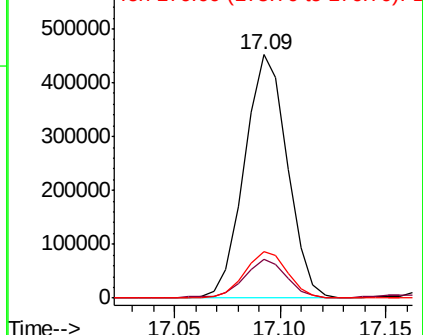
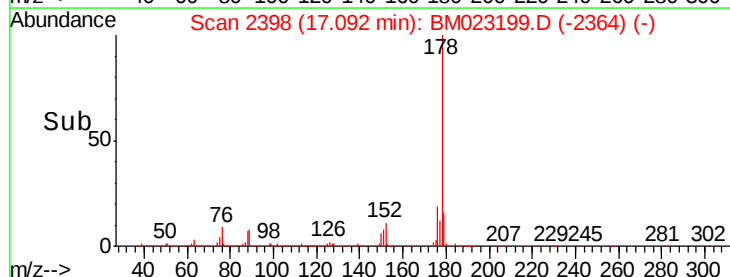
176 19.1 15.5 23.3

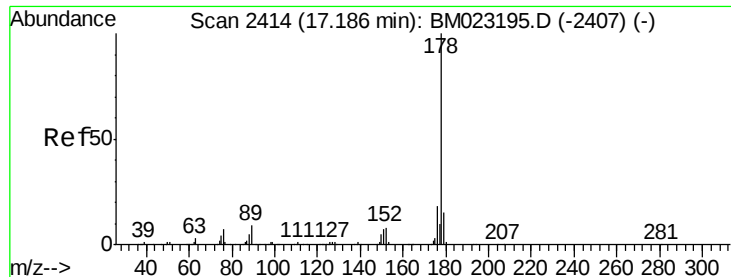


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.231 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM023199.D

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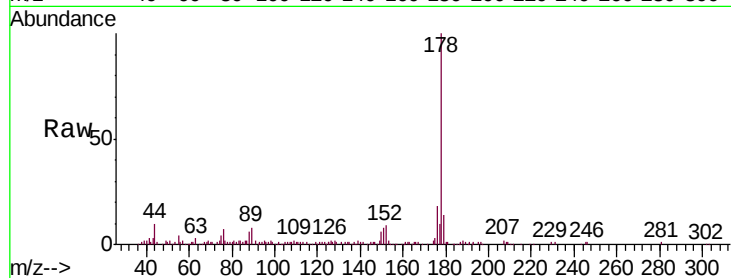
Tgt Ion:178 Resp: 147750

Ion Ratio Lower Upper

178 100

179 14.3 12.3 18.5

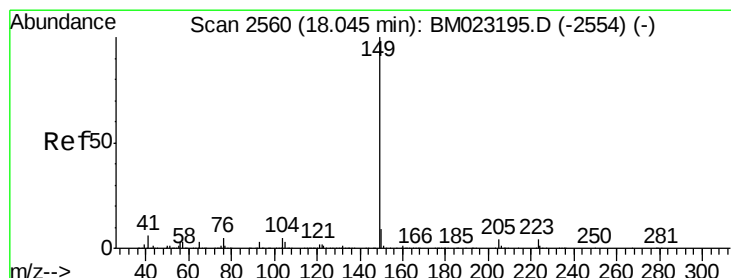
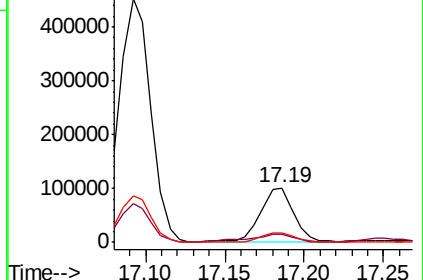
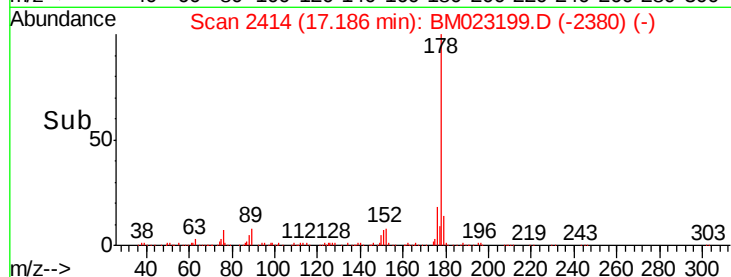
176 18.2 15.0 22.4



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



#76

Di-n-butylphthalate

Concen: 17.402 ng/ul

RT: 18.04 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

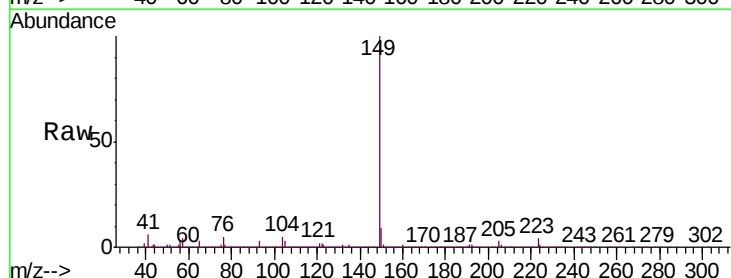
Tgt Ion:149 Resp: 2220617

Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.4

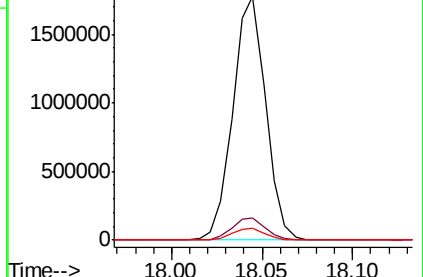
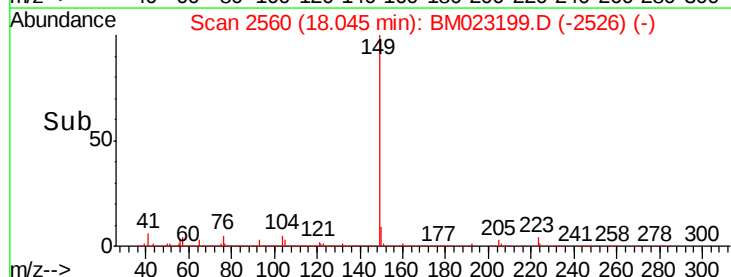
104 4.9 4.0 6.0

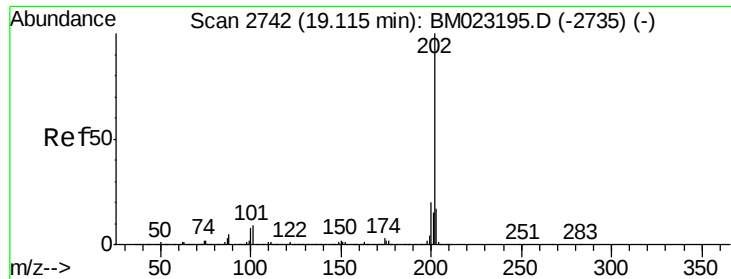


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 9.803 ng/ul

RT: 19.12 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

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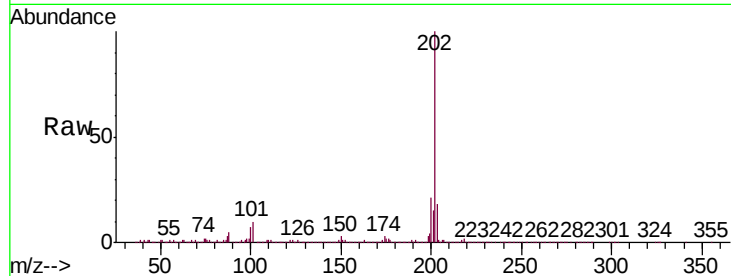
Tgt Ion:202 Resp: 1354306

Ion Ratio Lower Upper

202 100

101 9.9 7.8 11.8

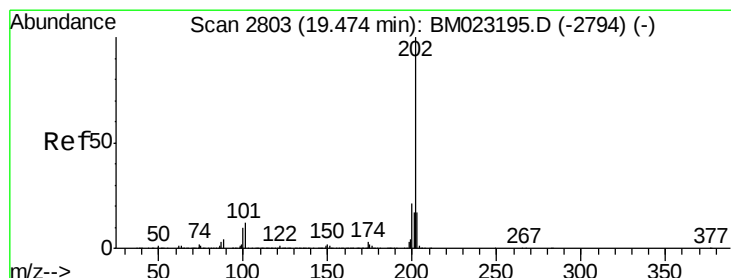
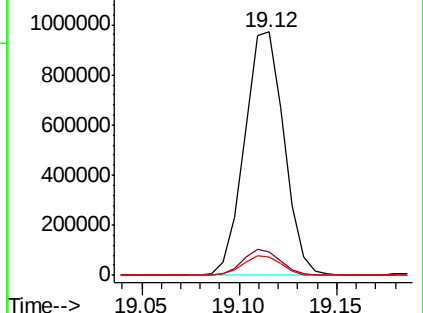
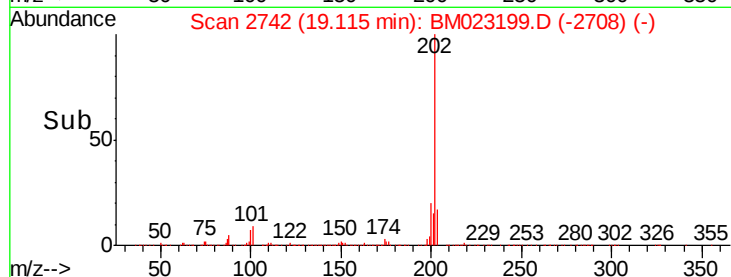
100 7.4 6.1 9.1



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



#80

Pyrene

Concen: 11.545 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

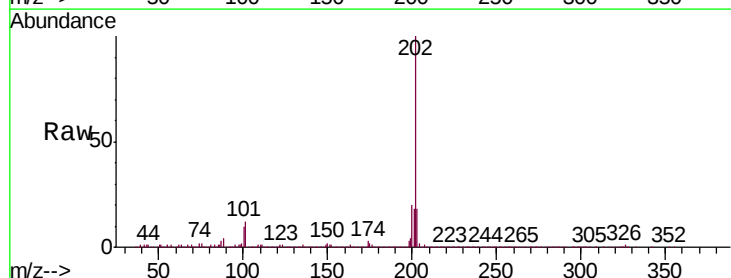
Tgt Ion:202 Resp: 1428692

Ion Ratio Lower Upper

202 100

101 11.8 9.1 13.7

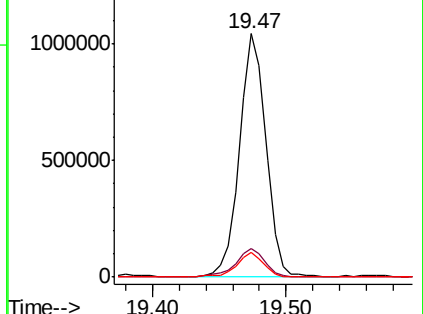
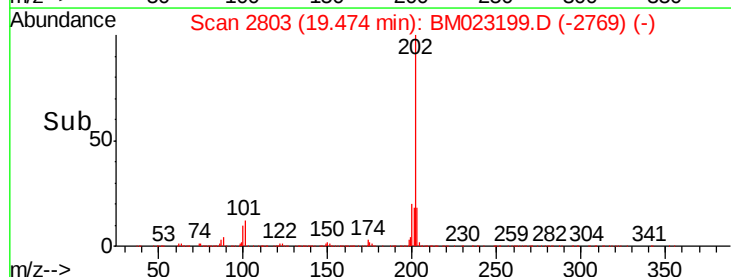
100 10.0 7.5 11.3

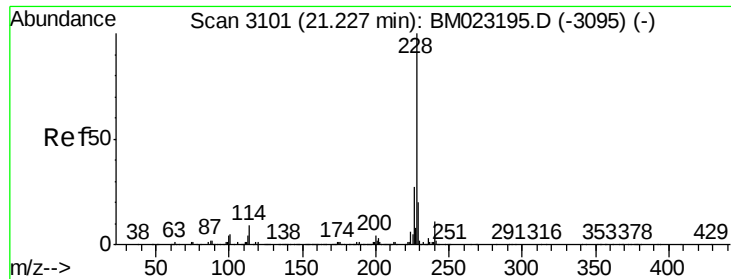


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 6.357 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM023199.D

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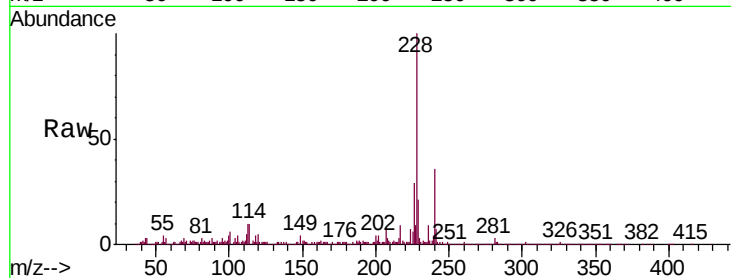
Tgt Ion:228 Resp: 850901

Ion Ratio Lower Upper

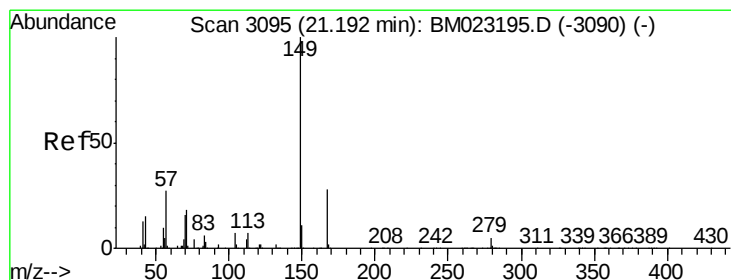
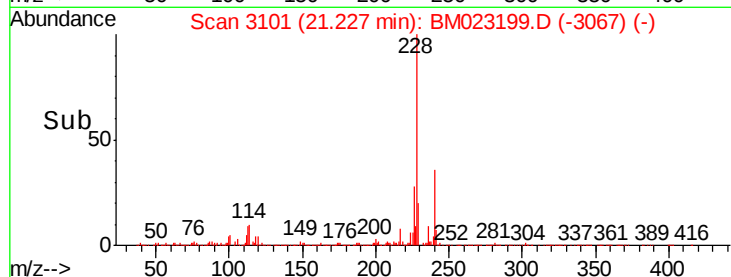
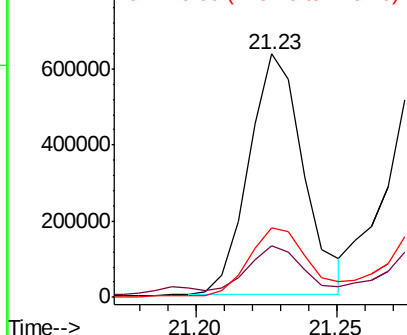
228 100

229 21.4 15.7 23.5

226 28.7 21.6 32.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 28.319 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

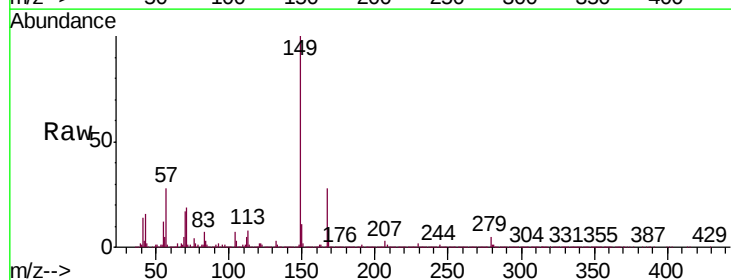
Tgt Ion:149 Resp: 1938098

Ion Ratio Lower Upper

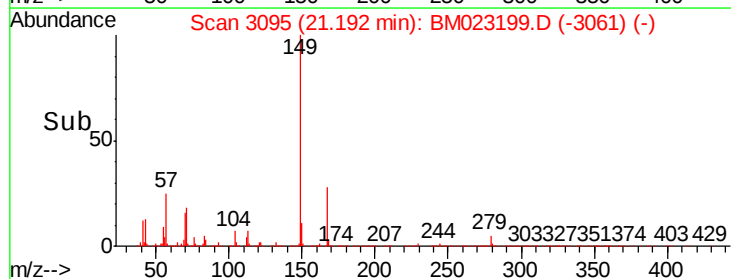
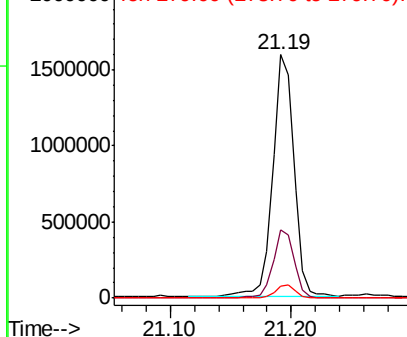
149 100

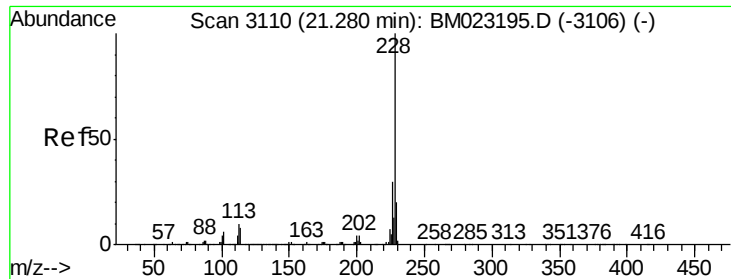
167 28.1 22.5 33.7

279 5.0 4.0 6.0



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: 6.872 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.00 min

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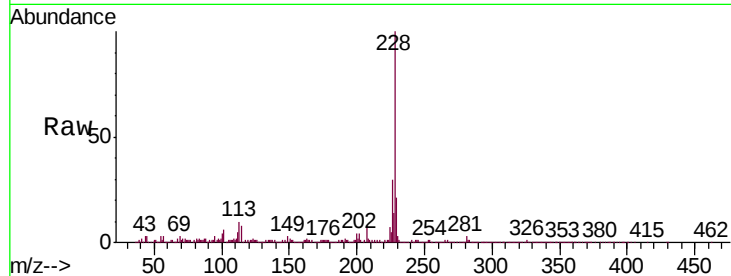
Tgt Ion:228 Resp: 853992

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

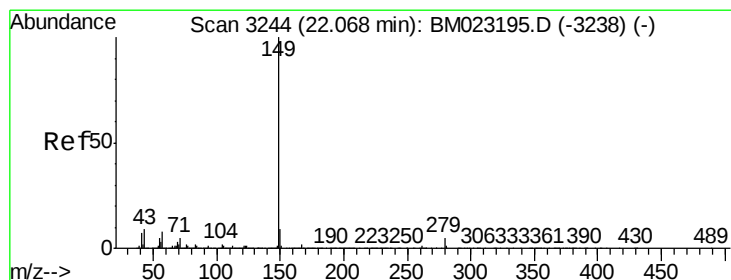
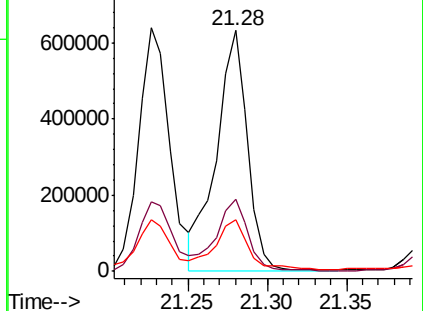
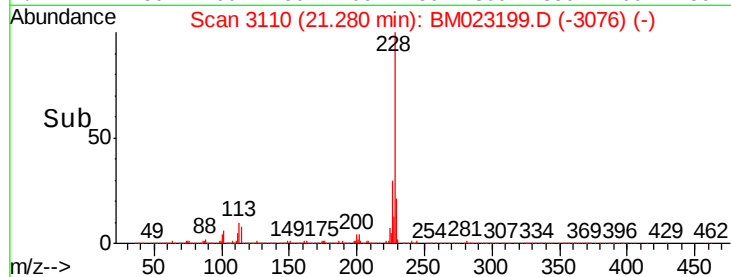
229 21.4 15.5 23.3



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



#87

Di-n-octyl phthalate

Concen: 2.480 ng/ul

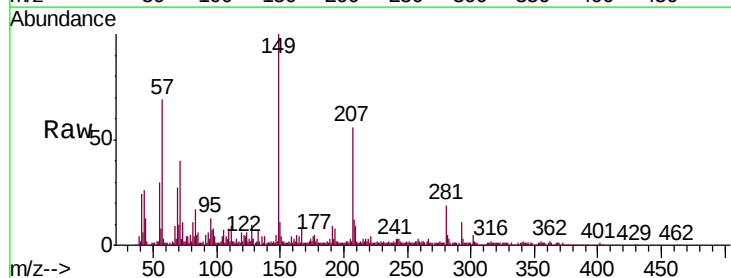
RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

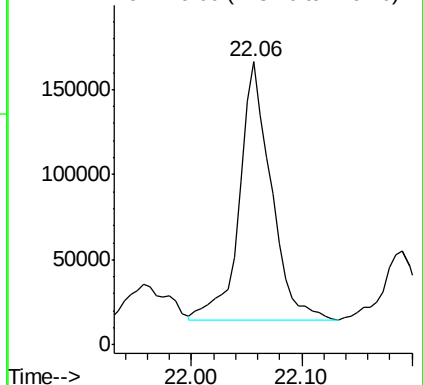
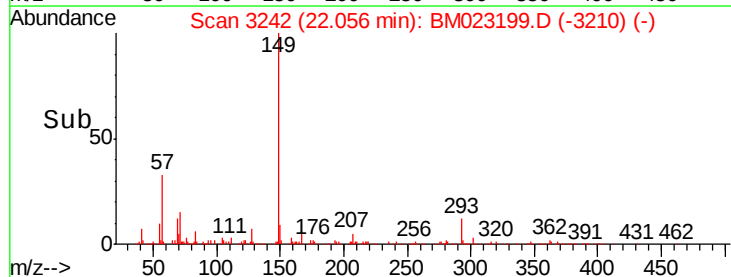
Lab File: BM023199.D

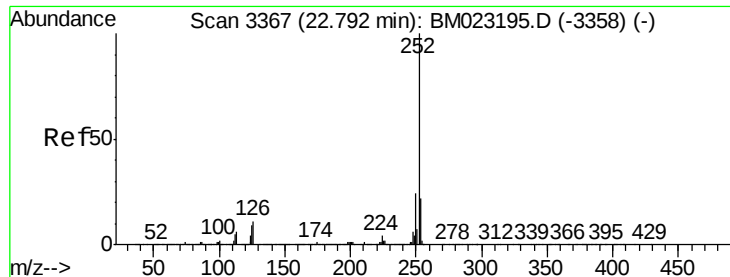
Acq: 16 Oct 2019 20:21

Tgt Ion:149 Resp: 308504



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 7.250 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.01 min

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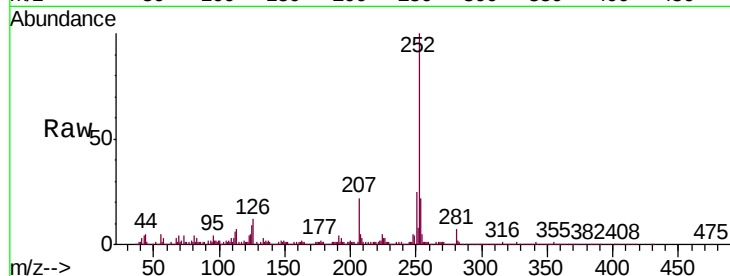
Tgt Ion:252 Resp: 1059790

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

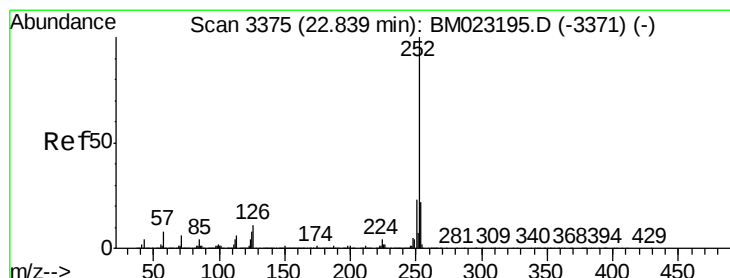
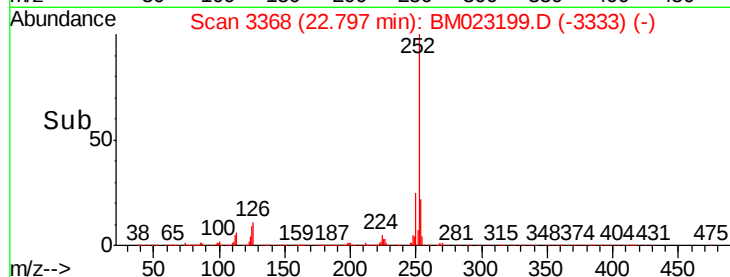
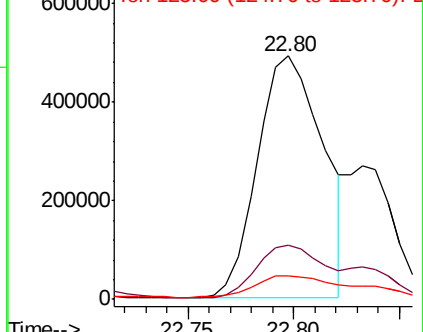
125 9.5 6.4 9.6



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



#89

Benzo(k)fluoranthene

Concen: 7.551 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

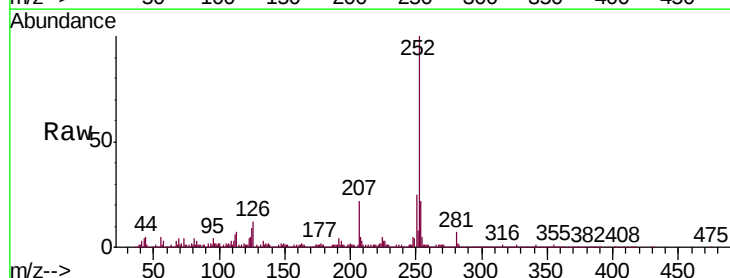
Tgt Ion:252 Resp: 1059790

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

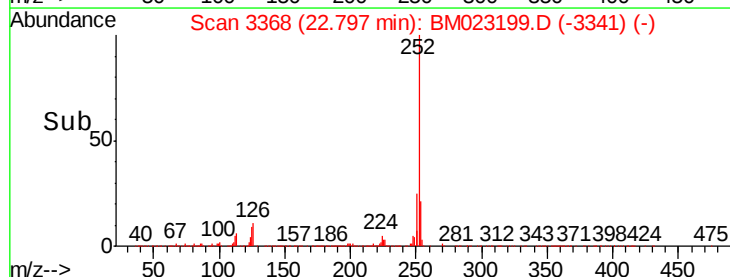
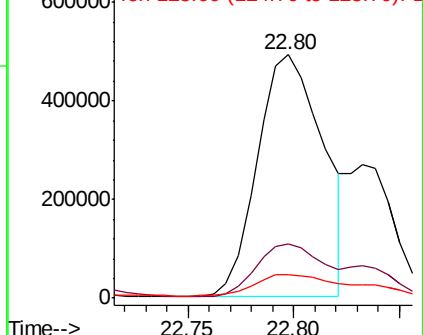
125 9.5 6.5 9.7

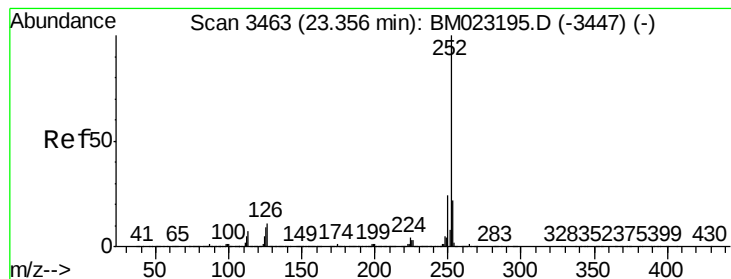


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

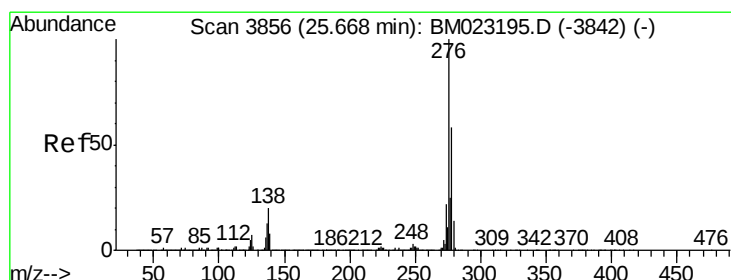
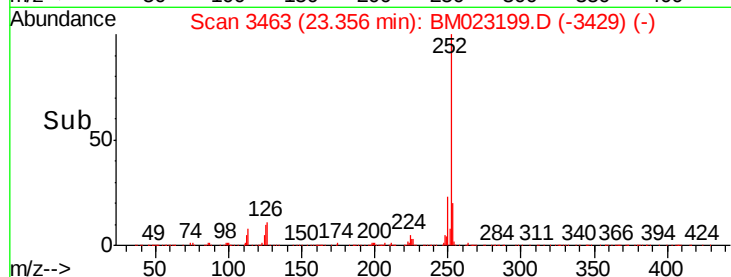
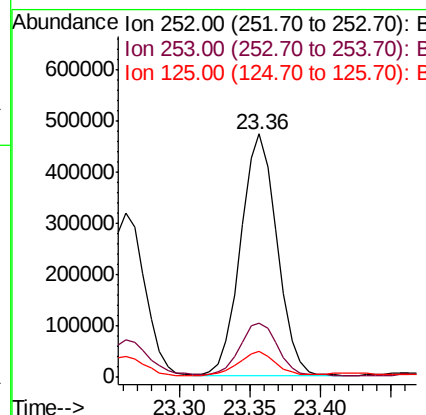
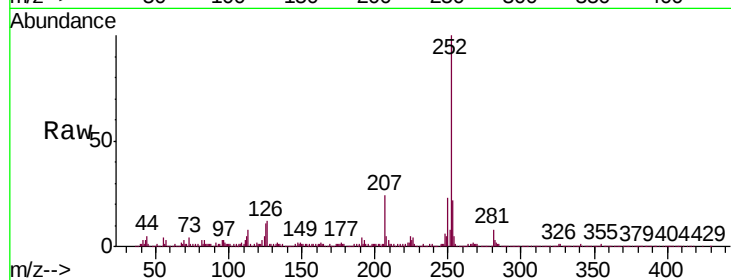




#91
Benzo(a)pyrene
Concen: 6.041 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

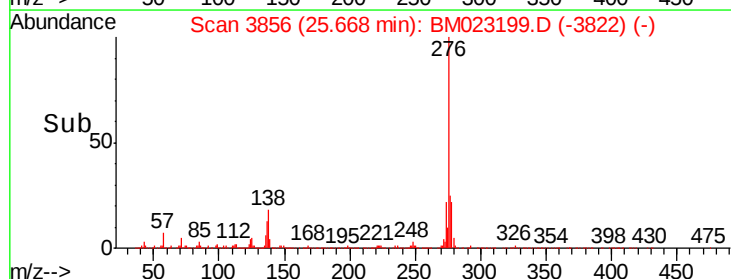
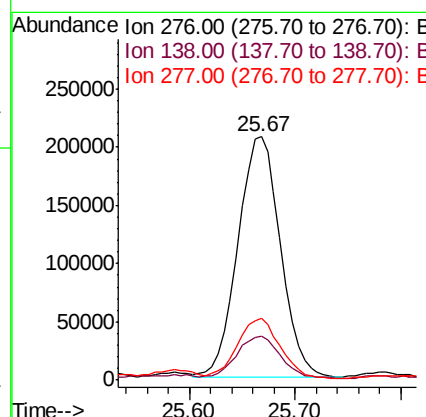
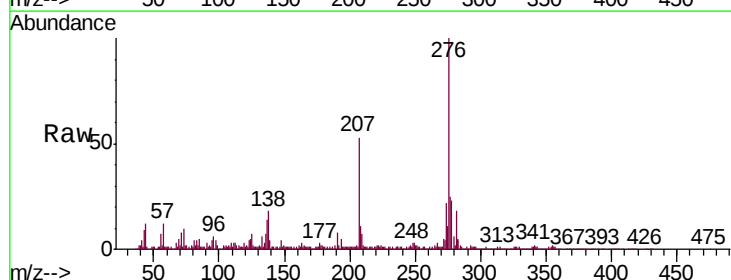
Instrument :
BNA_M
ClientSampleId :
BEP79DL

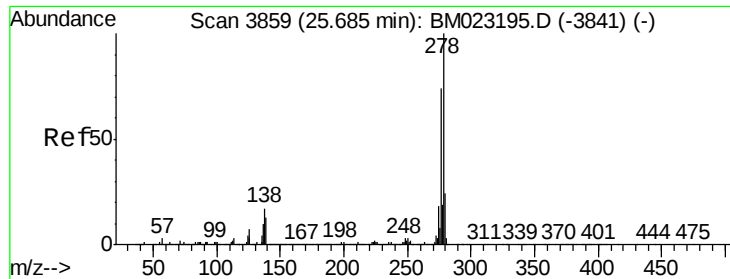
Tgt Ion: 252 Resp: 847184
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 10.6 7.4 11.0



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.438 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. 0.00 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

Tgt Ion: 276 Resp: 573527
Ion Ratio Lower Upper
276 100
138 18.2 14.9 22.3
277 25.4 19.8 29.8





#93

Dibenzo(a,h)anthracene

Concen: 1.105 ng/ul

RT: 25.67 min Scan# 3857

Delta R.T. -0.01 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

Instrument :

BNA_M

ClientSampleId :

BEP79DL

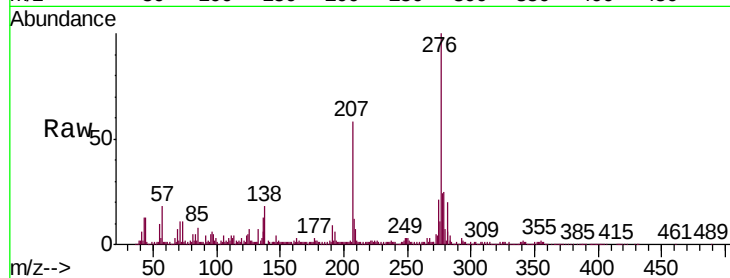
Tgt Ion:278 Resp: 154207

Ion Ratio Lower Upper

278 100

139 0.0 10.0 15.0#

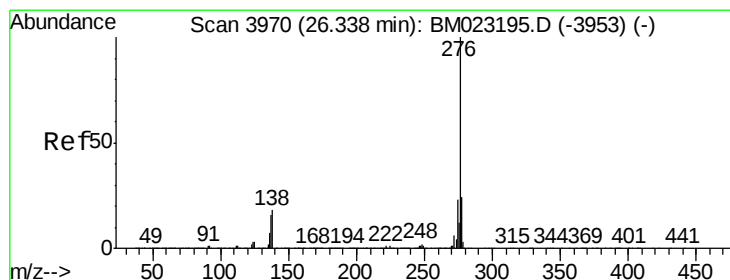
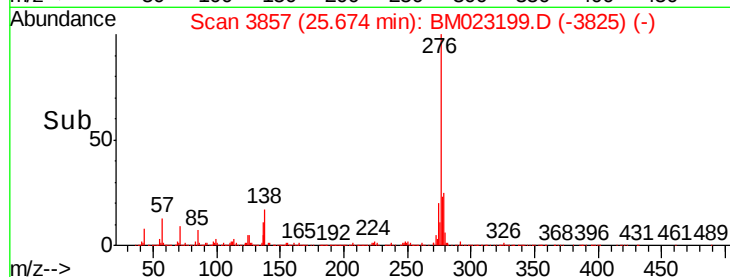
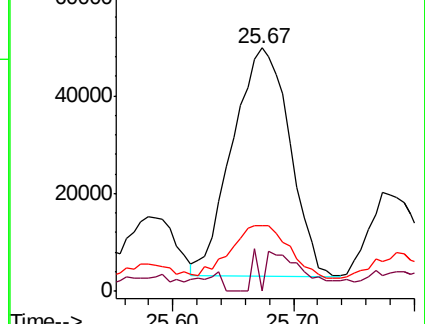
279 27.0 19.4 29.0



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



#94

Benzo(g,h,i)perylene

Concen: 3.152 ng/ul

RT: 26.34 min Scan# 3970

Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

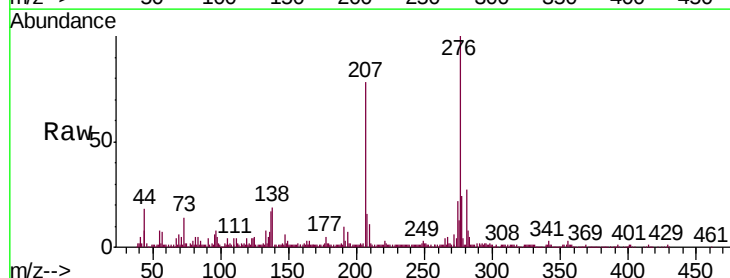
Tgt Ion:276 Resp: 433018

Ion Ratio Lower Upper

276 100

138 19.0 14.4 21.6

277 24.0 19.4 29.2



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

