

Data File : BM023198.D
Acq On : 16 Oct 2019 19:45
Operator : JU
Sample : K5199-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP76DL

Quant Time: Oct 17 04:34:18 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	472634	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1893730	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1107739	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2107439	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1983047	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2415096	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8802	0.82	ng/uL	0.00
5) Phenol-d5	6.83	99	139693	3.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	94101	4.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	123843	3.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	100974	3.05	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	56180	4.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	53473	4.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	117934	3.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	67232	1.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	364551	4.29	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	435692	4.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	18984	1.38	ng/ul	0.00
58) Fluorene-d10	15.30	176	314921	4.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	20306	2.43	ng/ul	0.00
71) Anthracene-d10	17.15	188	468709	4.61	ng/ul	0.00
79) Pyrene-d10	19.44	212	512060	5.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	575357	4.70	ng/ul	0.00

Target Compounds

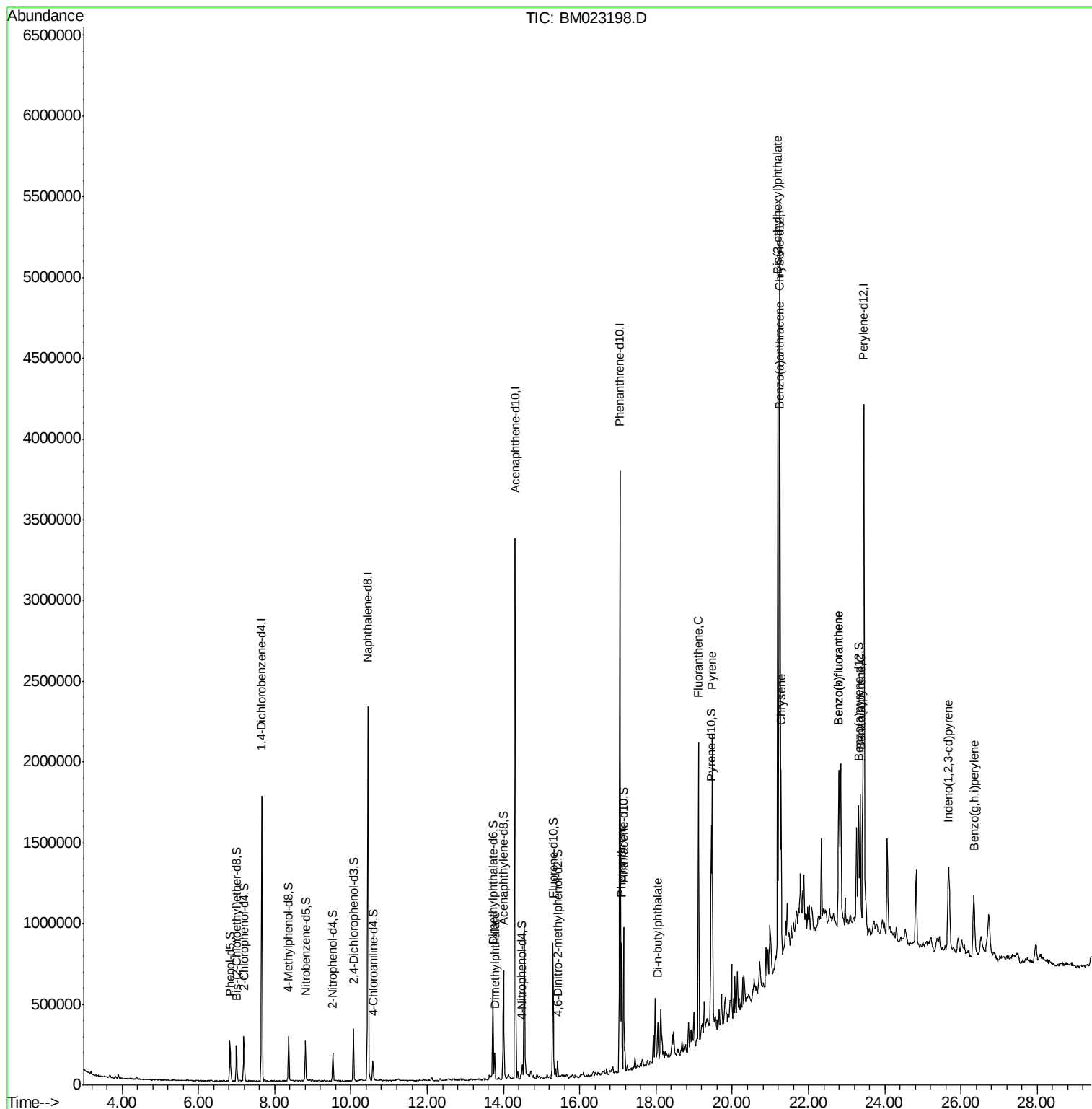
						Qvalue
45) Dimethylphthalate	13.77	163	101042	1.189	ng/ul	99
70) Phenanthrene	17.09	178	469639	3.971	ng/ul	99
76) Di-n-butylphthalate	18.04	149	137037	1.055	ng/ul	97
77) Fluoranthene	19.12	202	1103793	7.847	ng/ul	100
80) Pyrene	19.47	202	1092899	8.797	ng/ul	97
83) Benzo(a)anthracene	21.23	228	610672	4.545	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	1325948	19.299	ng/ul	99
85) Chrysene	21.28	228	648581	5.198	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	900746	6.151	ng/ul#	98
89) Benzo(k)fluoranthene	22.80	252	900746	6.406	ng/ul	98
91) Benzo(a)pyrene	23.36	252	625555	4.453	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.66	276	458451	2.743	ng/ul	99
94) Benzo(g,h,i)perylene	26.34	276	446012	3.241	ng/ul	99

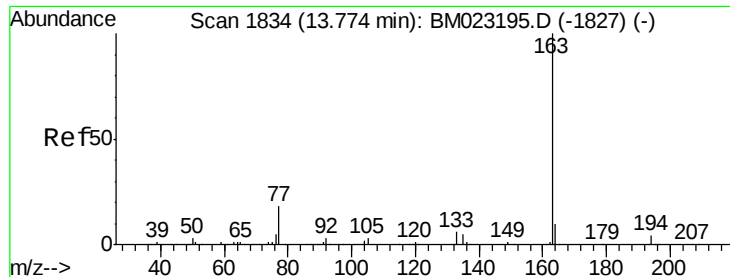
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.189 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BM023198.D

Acq: 16 Oct 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BEP76DL

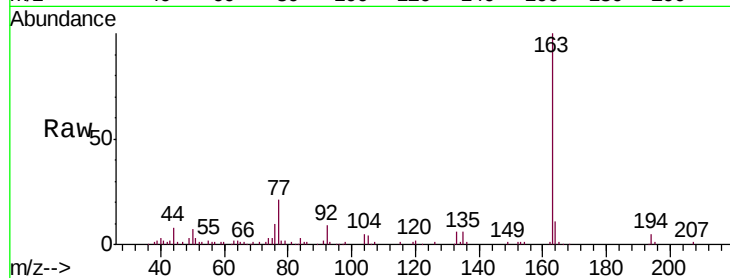
Tgt Ion:163 Resp: 101042

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

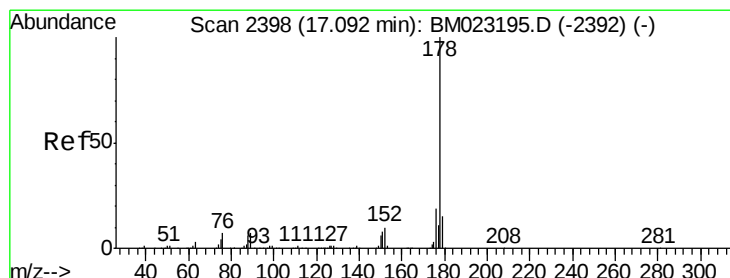
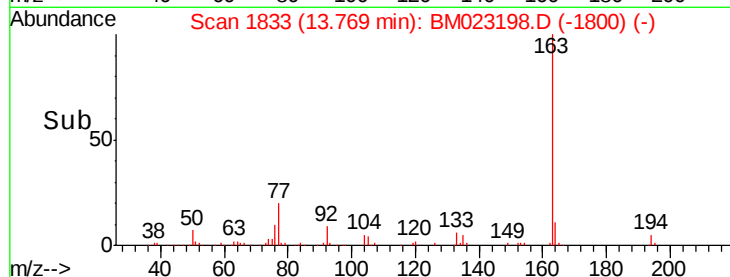
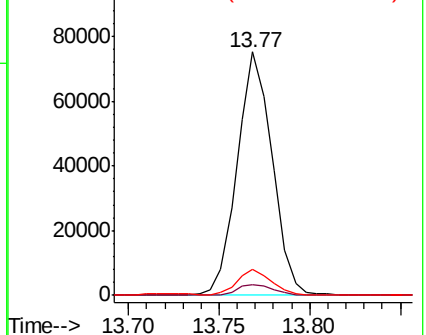
164 10.5 8.0 12.0



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: 3.971 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM023198.D

Acq: 16 Oct 2019 19:45

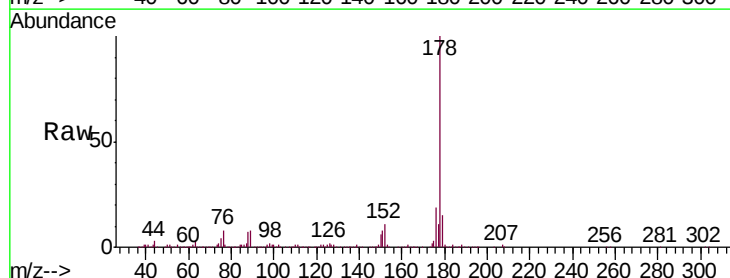
Tgt Ion:178 Resp: 469639

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

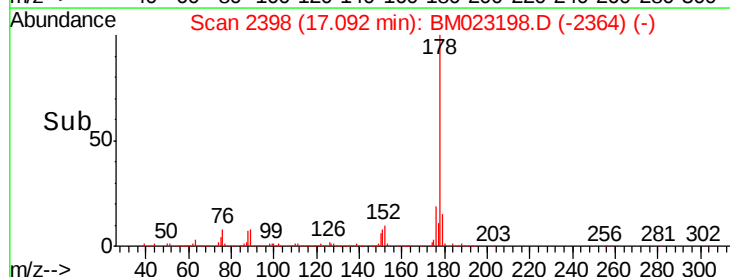
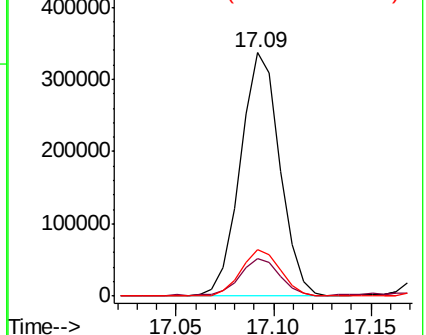
176 18.9 15.5 23.3

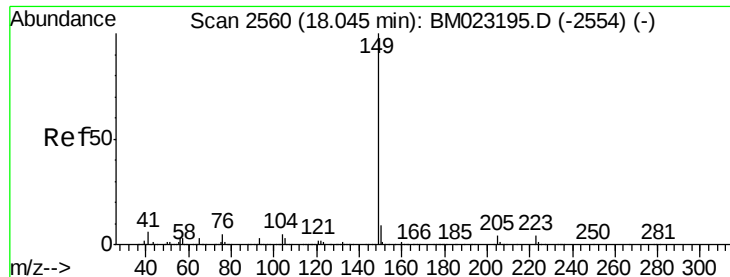


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

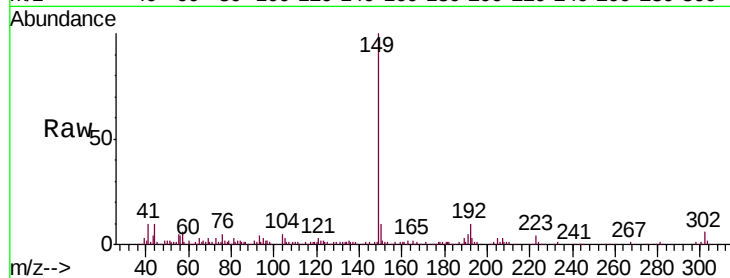




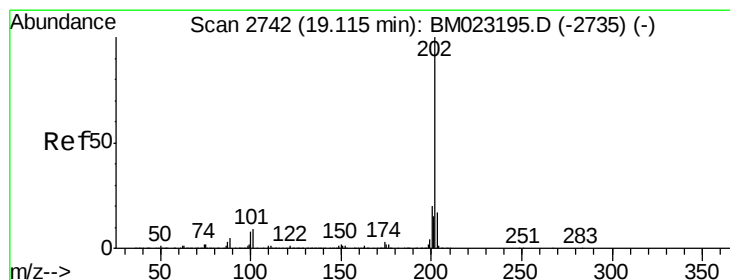
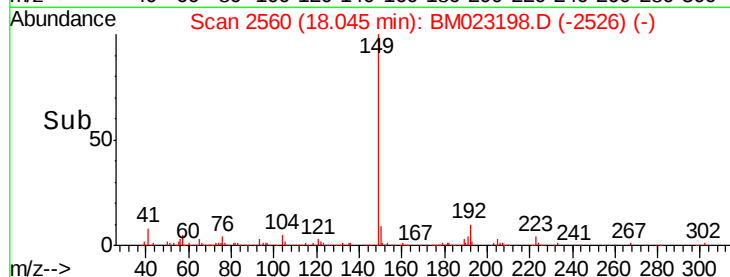
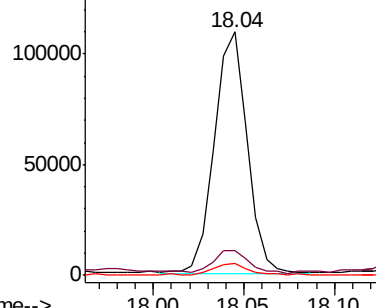
#76
Di-n-butylphthalate
Concen: 1.055 ng/ul
RT: 18.04 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BEP76DL

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.0	10.4
104	5.0	4.0	6.0

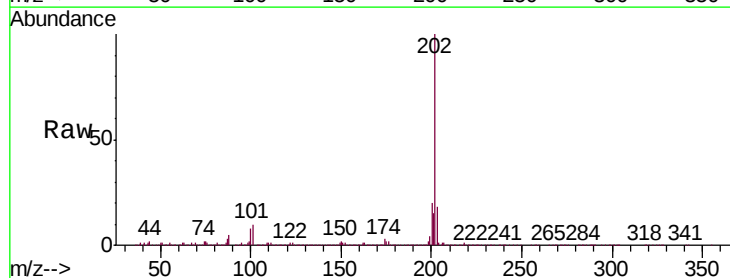


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

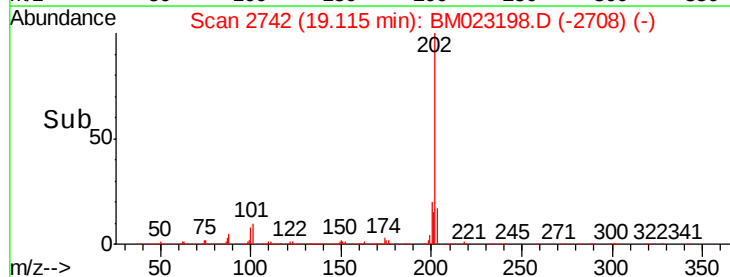
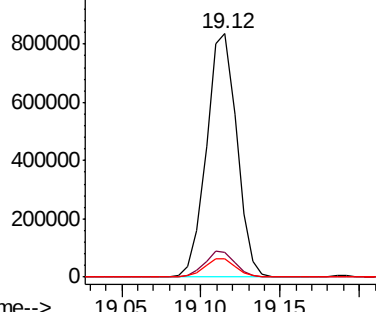


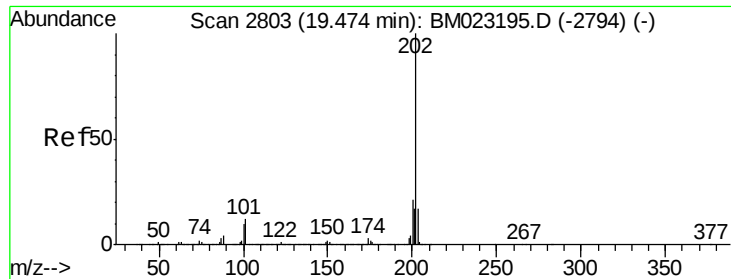
#77
Fluoranthene
Concen: 7.847 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.8	11.8
100	7.6	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): E

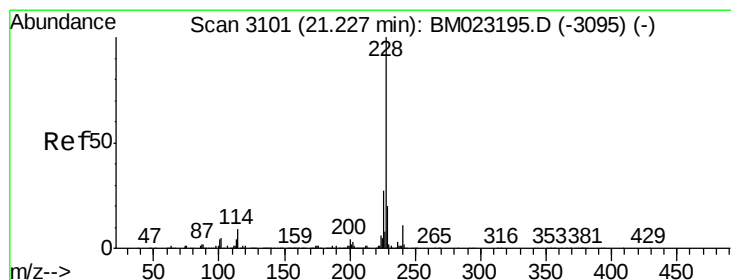
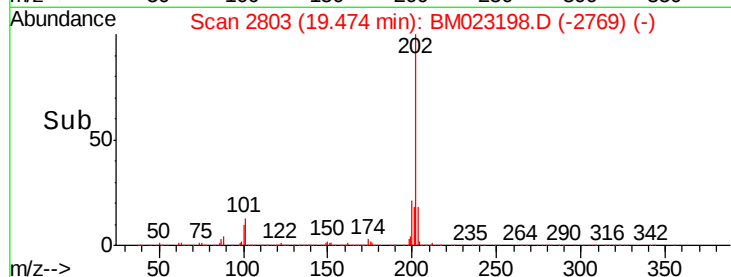
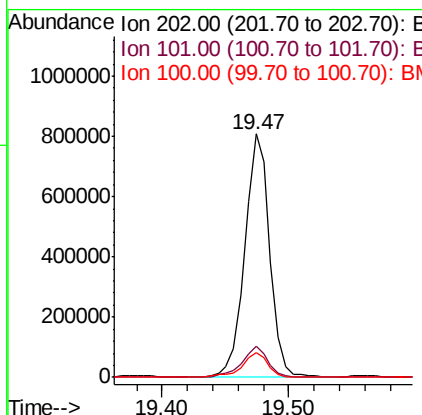
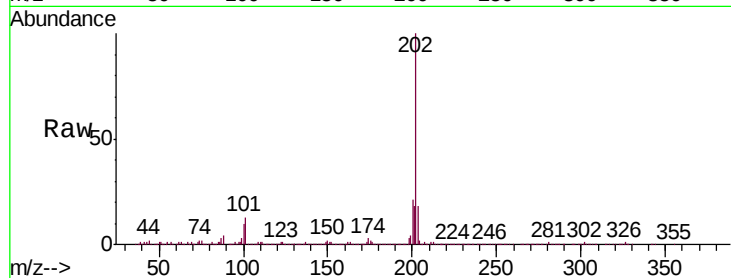




#80
Pyrene
Concen: 8.797 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

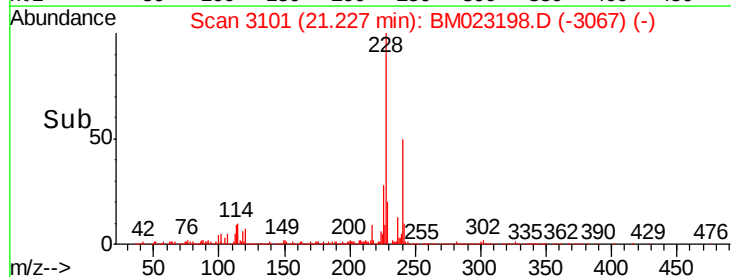
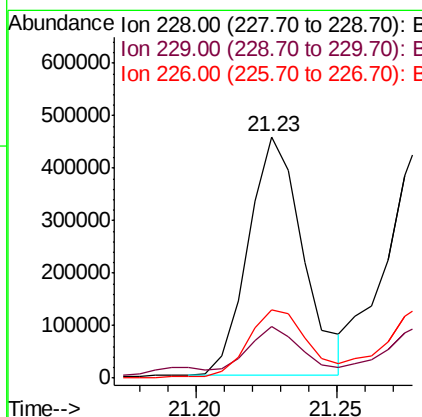
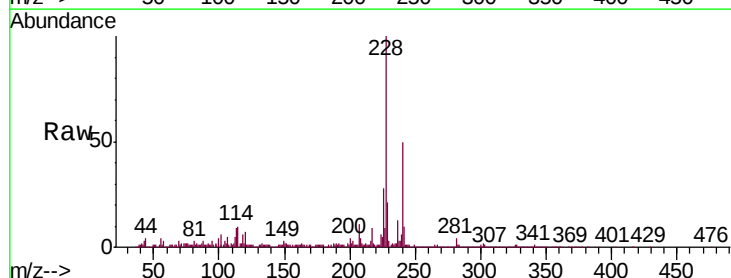
Instrument :
BNA_M
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BEP76DL

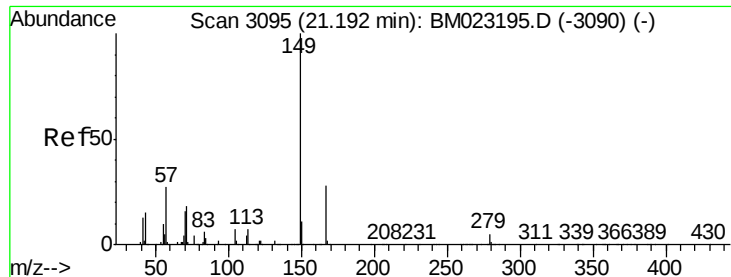
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.1	13.7
100	10.3	7.5	11.3



#83
Benzo(a)anthracene
Concen: 4.545 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	28.1	21.6	32.4

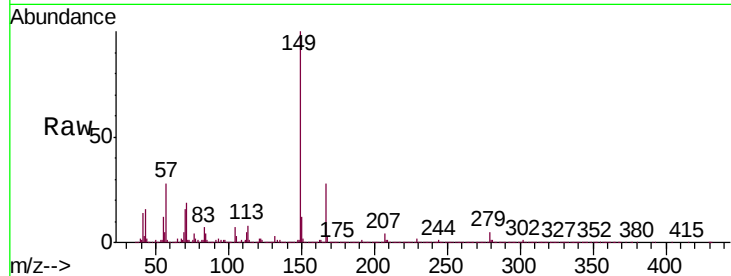




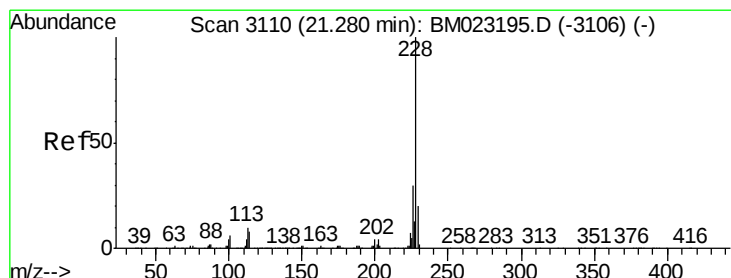
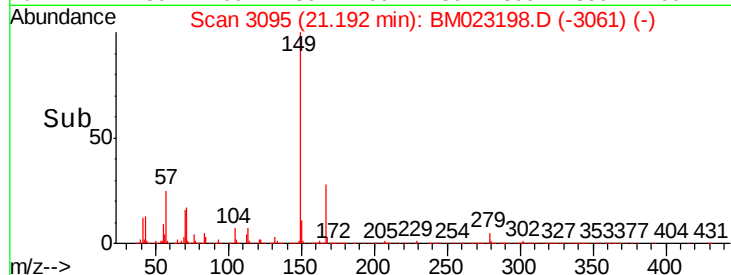
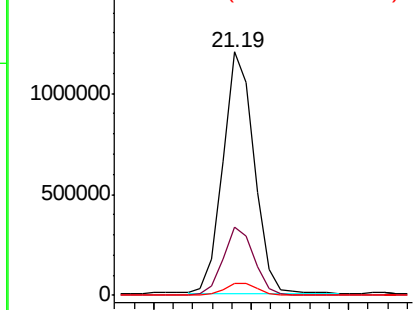
#84
Bis(2-ethylhexyl)phthalate
Concen: 19.299 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Instrument :
BNA_M
ClientSampleId :
BEP76DL

Tgt Ion:149 Resp: 1325948
Ion Ratio Lower Upper
149 100
167 27.8 22.5 33.7
279 4.8 4.0 6.0

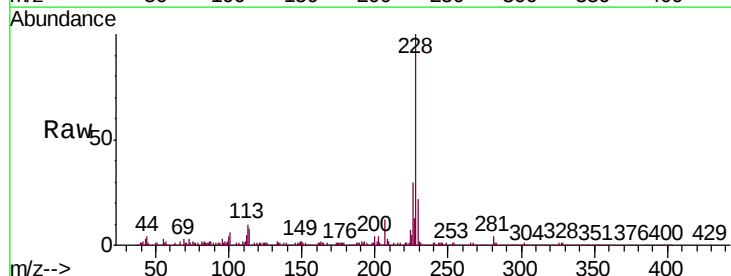


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

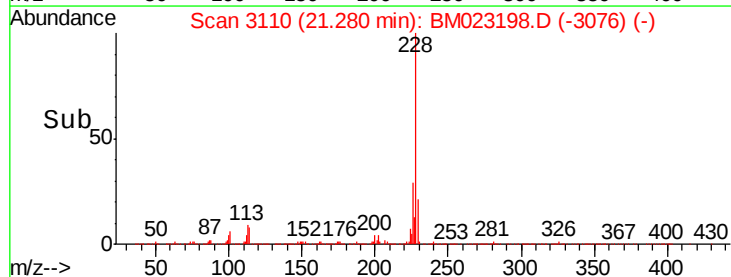
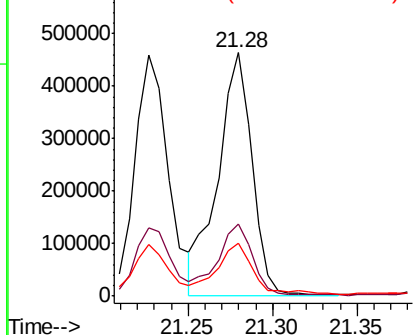


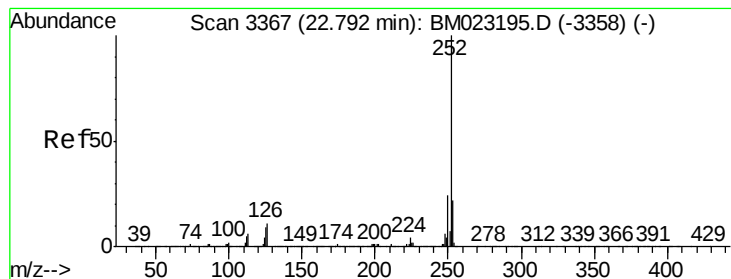
#85
Chrysene
Concen: 5.198 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Tgt Ion:228 Resp: 648581
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.6
229 21.7 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





#88

Benzo(b)fluoranthene

Concen: 6.151 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BM023198.D

Acq: 16 Oct 2019 19:45

Instrument :

BNA_M

ClientSampled :

BEP76DL

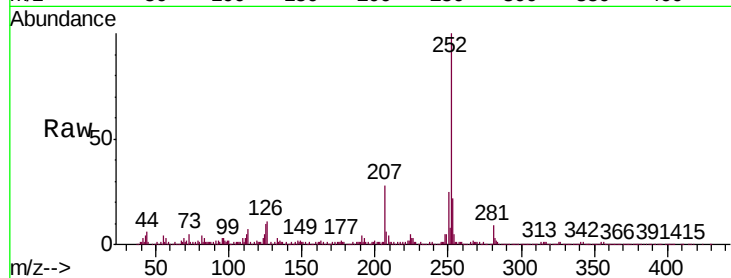
Tgt Ion:252 Resp: 900746

Ion Ratio Lower Upper

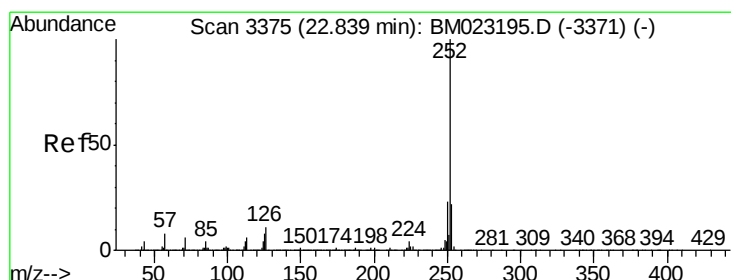
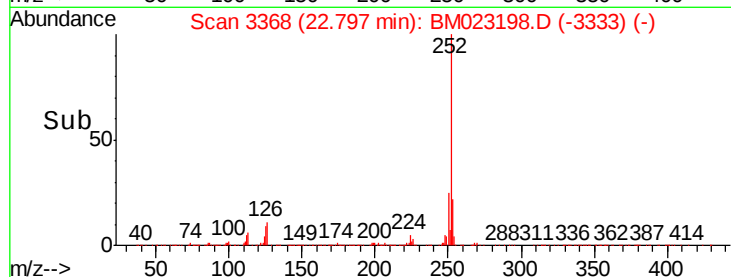
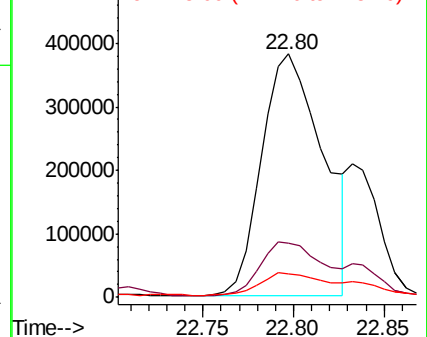
252 100

253 22.3 17.6 26.4

125 9.7 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: 6.406 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM023198.D

Acq: 16 Oct 2019 19:45

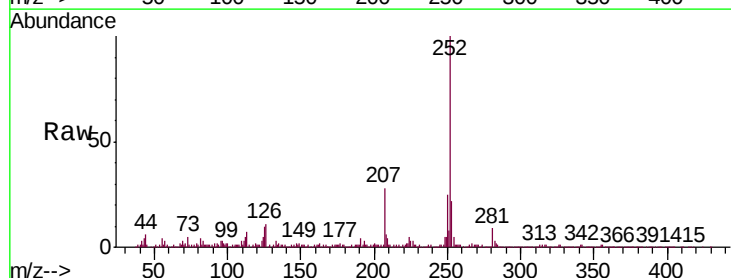
Tgt Ion:252 Resp: 900746

Ion Ratio Lower Upper

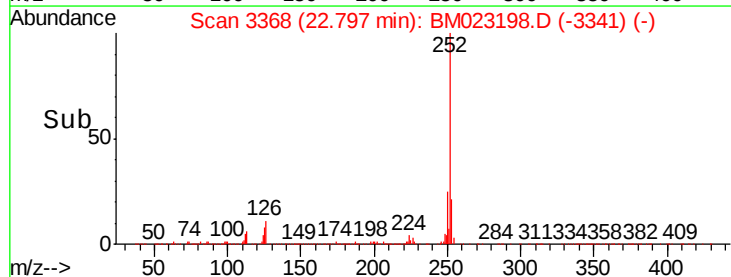
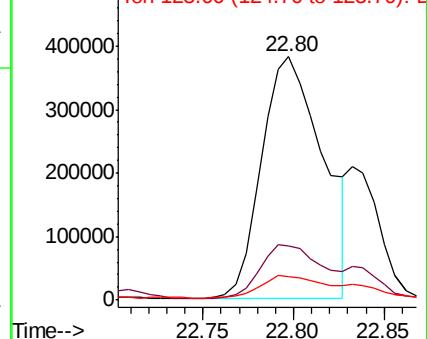
252 100

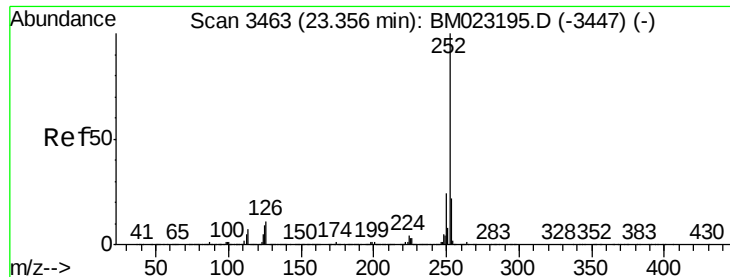
253 22.3 17.4 26.0

125 9.7 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: 4.453 ng/ul

RT: 23.36 min Scan# 3463

Delta R.T. -0.00 min

Lab File: BM023198.D

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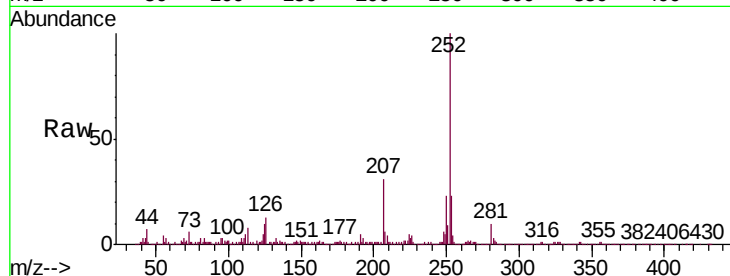
Tgt Ion:252 Resp: 625555

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

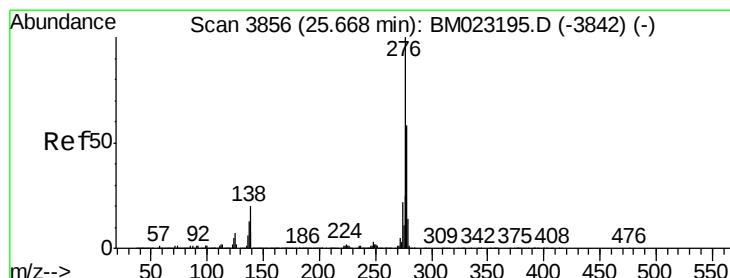
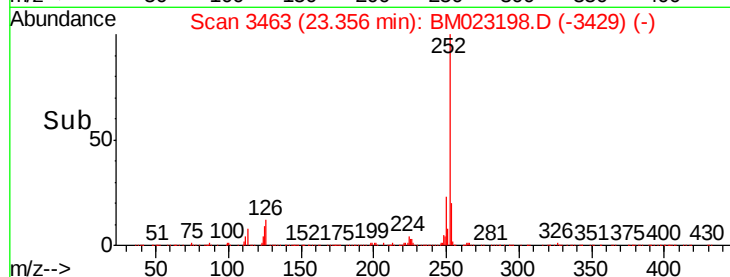
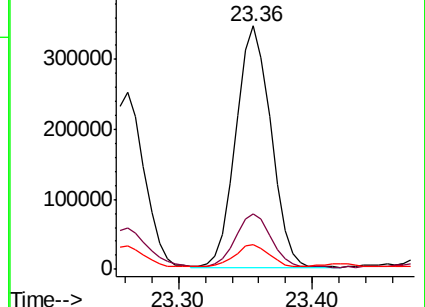
125 10.4 7.4 11.0



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.743 ng/ul

RT: 25.66 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BM023198.D

Acq: 16 Oct 2019 19:45

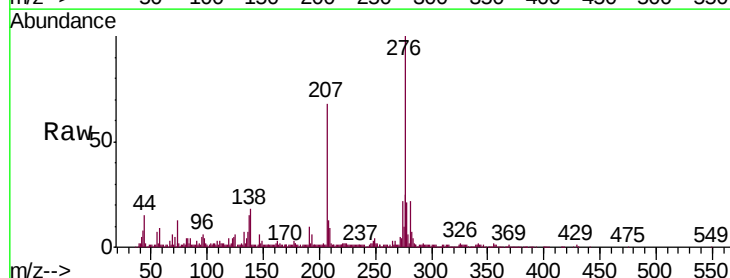
Tgt Ion:276 Resp: 458451

Ion Ratio Lower Upper

276 100

138 17.9 14.9 22.3

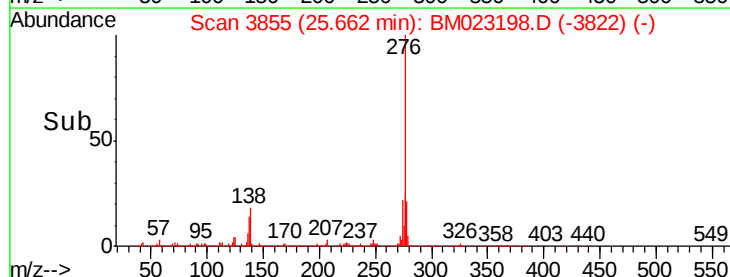
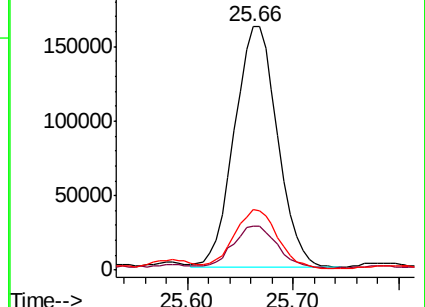
277 24.9 19.8 29.8

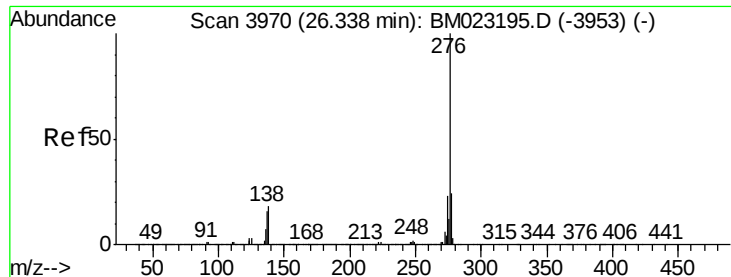


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 3.241 ng/ul

RT: 26.34 min Scan# 3970

Delta R.T. -0.00 min

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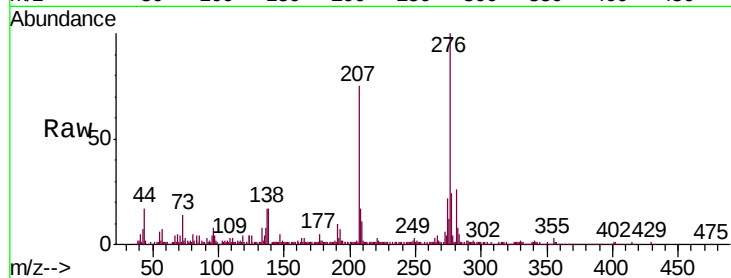
Tgt Ion: 276 Resp: 446012

Ion Ratio Lower Upper

276 100

138 17.0 14.4 21.6

277 23.9 19.4 29.2



Abundance

Ion 276.00 (275.70 to 276.70): E

200000

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

