

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
 Data File : BM020795.D
 Acq On : 07 Jun 2019 09:40
 Operator : HP/JU
 Sample : K3201-15 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:41:26 AM

Quant Time: Jun 08 00:32:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 08 00:20:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	280093	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1166575	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	679804	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1492976	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1296839	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1451663	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9053	1.54	ng/uL	0.00
5) Phenol-d5	6.97	99	174922	8.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	115476	8.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	153243	8.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	124840	7.24	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	75348	9.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	79876	9.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	155909	9.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	150588	7.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	507800	10.10	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	609927	9.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	55413	6.42	ng/ul	0.00
57) Fluorene-d10	15.44	176	423835	9.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	27241	3.57	ng/ul	0.00
70) Anthracene-d10	17.29	188	634680	9.73	ng/ul	0.00
78) Pyrene-d10	19.59	212	634838	10.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	613458	9.30	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.90	163	172810	3.432	ng/ul 99
47) Acenaphthylene	14.17	152	112357	1.821	ng/ul 98
49) Acenaphthene	14.52	153	122675	2.849	ng/ul 99
53) Dibenzofuran	14.85	168	93318	1.532	ng/ul 97
58) Fluorene	15.50	166	127220	2.602	ng/ul 98
69) Phenanthrene	17.24	178	2652462	35.301	ng/ul 99
71) Anthracene	17.33	178	540032	7.012	ng/ul 99
74) Carbazole	17.60	167	195406	2.917	ng/ul 99
76) Fluoranthene	19.25	202	4346398	50.477	ng/ul 100
79) Pyrene	19.62	202	3739037	46.708	ng/ul 99
82) Benzo(a)anthracene	21.36	228	2069151	25.577	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.29	149	99749	1.813	ng/ul 99
84) Chrysene	21.41	228	1876618	24.999	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	2399882	28.419	ng/ul 99
88) Benzo(k)fluoranthene	23.01	252	678647m	8.408	ng/ul
90) Benzo(a)pyrene	23.56	252	1577241	19.632	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.97	276	1016029	10.707	ng/ul 97
92) Dibenzo(a,h)anthracene	25.97	278	298118	3.708	ng/ul# 82
93) Benzo(g,h,i)perylene	26.69	276	758910	9.858	ng/ul 98

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

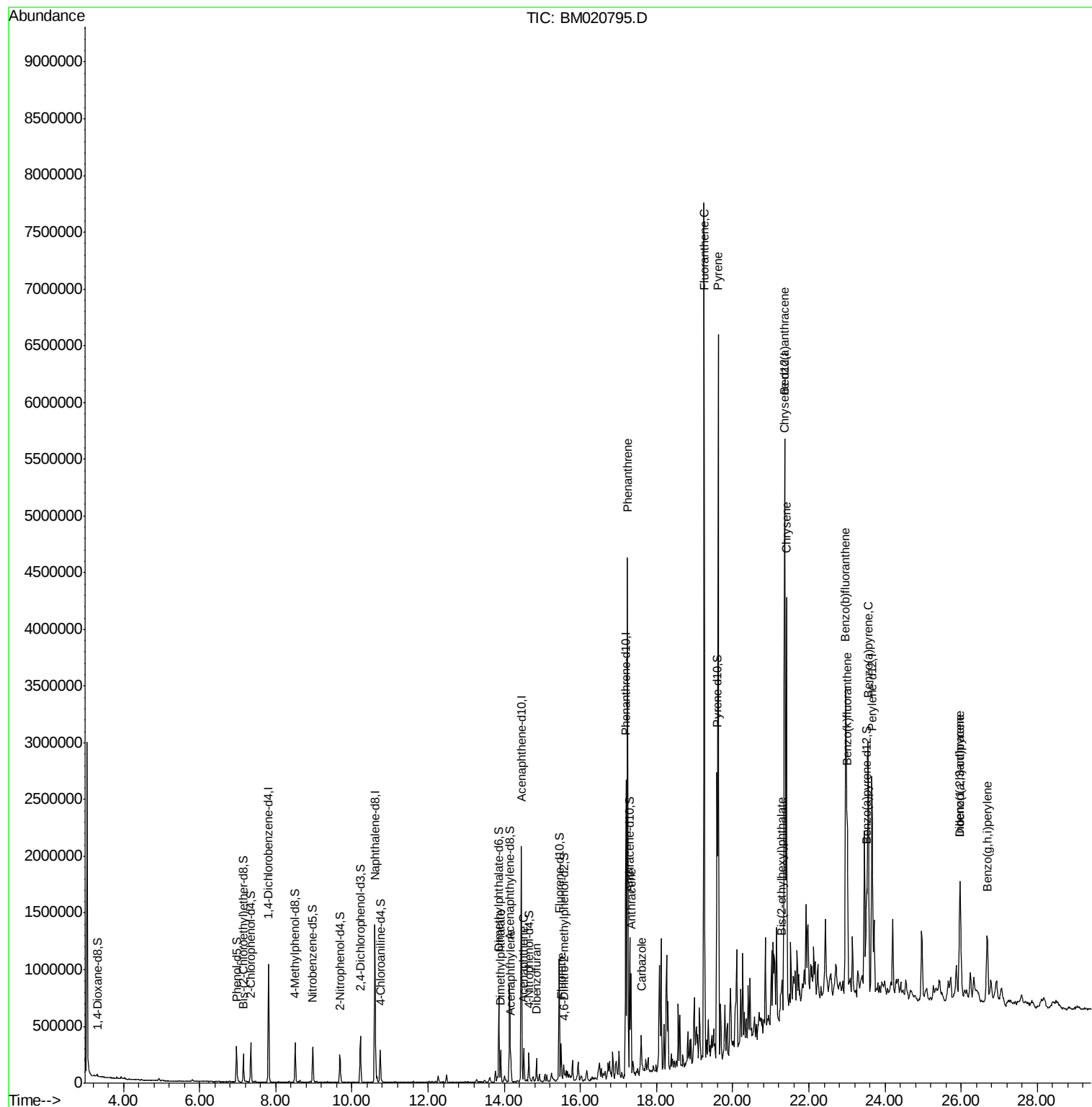
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020795.D
Acq On : 07 Jun 2019 09:40
Operator : HP/JU
Sample : K3201-15 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

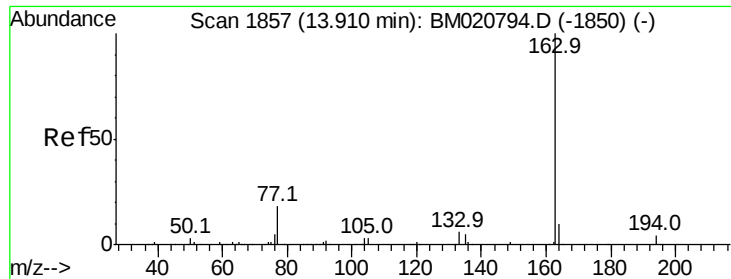
Instrument :
BNA_M
ClientSampleId :
C0AC6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.432 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

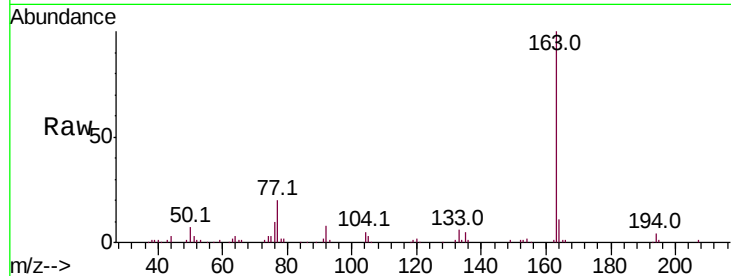
ClientSampleId :

C0AC6

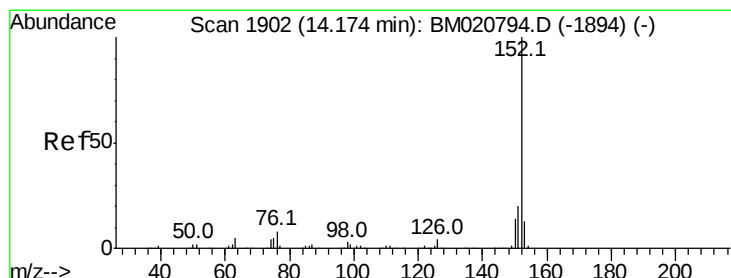
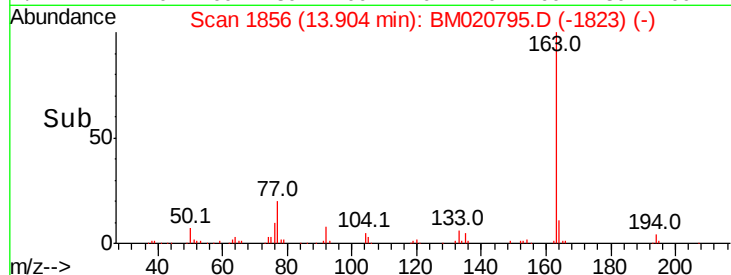
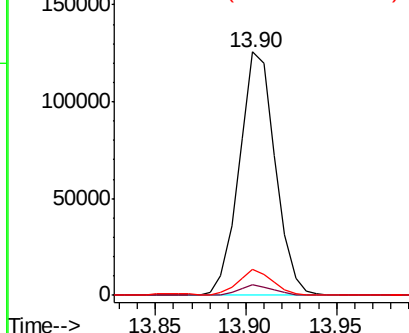
Tot Ion:	163	Resp:	172810
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	10.7	8.0	12.0

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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: 1.821 ng/ul

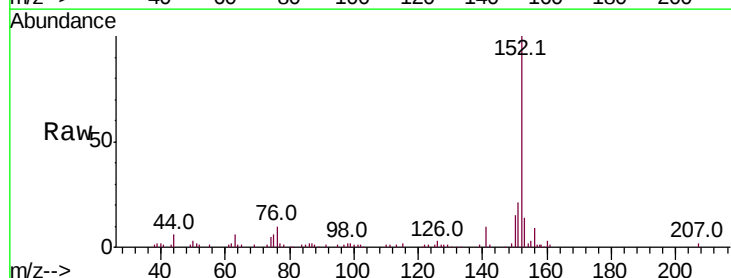
RT: 14.17 min Scan# 1902

Delta R.T. -0.00 min

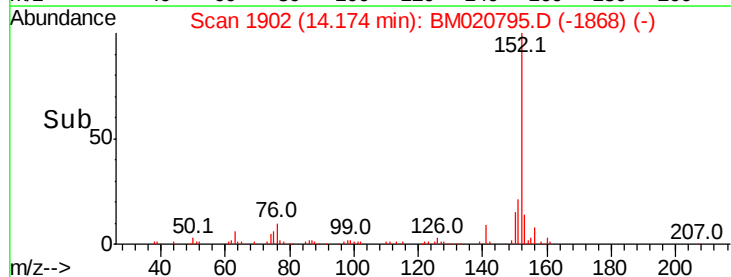
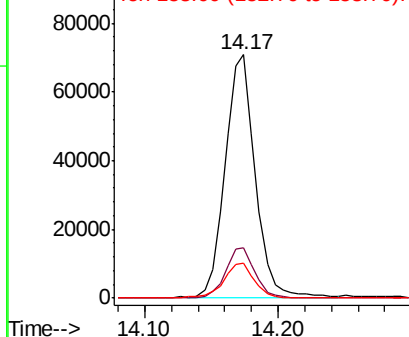
Lab File: BM020795.D

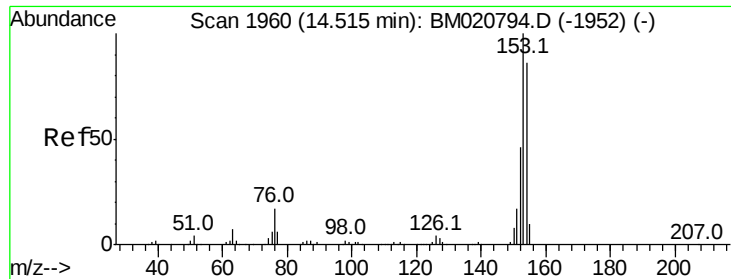
Acq: 07 Jun 2019 09:40

Tgt Ion:	152	Resp:	112357
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.2
153	14.4	10.6	15.8



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





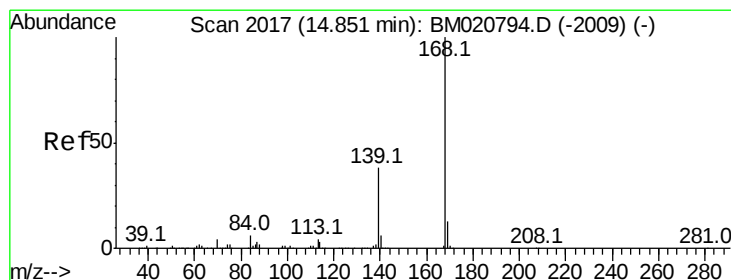
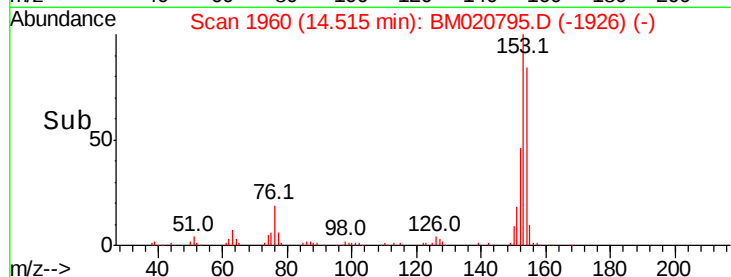
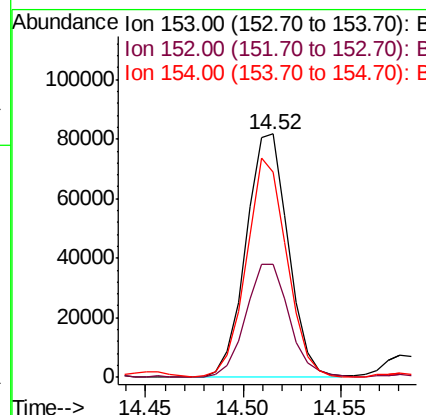
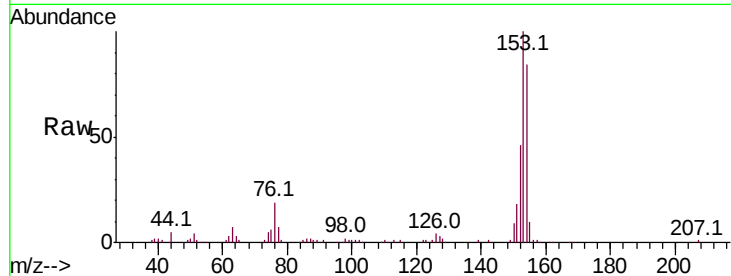
#49
Acenaphthene
Concen: 2.849 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BM020795.D
Acq: 07 Jun 2019 09:40

Instrument :
BNA_M
ClientSampleId :
C0AC6

Tot Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.3	55.9
154	84.1	68.7	103.1

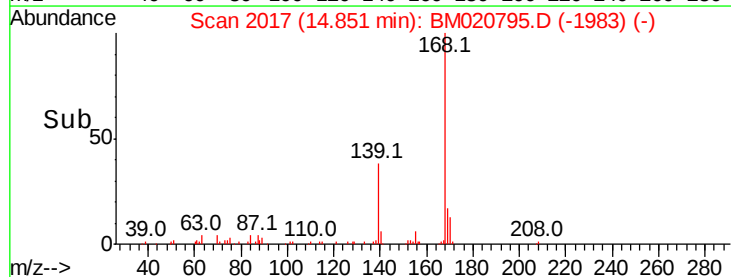
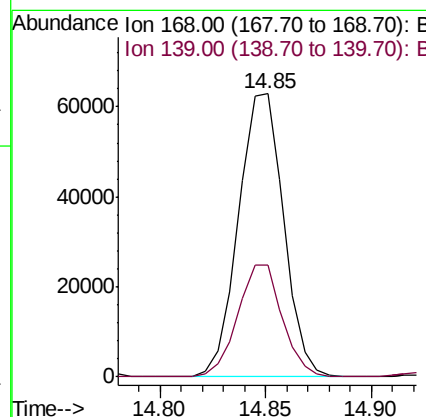
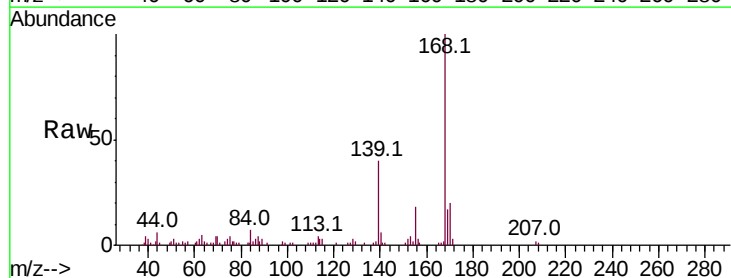
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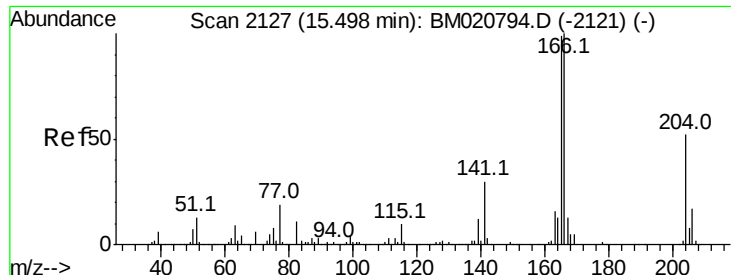
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#53
Dibenzofuran
Concen: 1.532 ng/ul
RT: 14.85 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM020795.D
Acq: 07 Jun 2019 09:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.4	45.6





#58

Fluorene

Concen: 2.602 ng/ul

RT: 15.50 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

Tot Ion:166 Resp: 127220

Ion Ratio Lower Upper

166 100

165 95.9 78.6 117.8

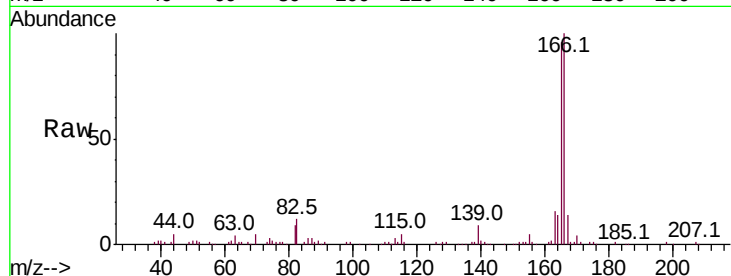
167 14.4 10.8 16.2

Manual Integrations

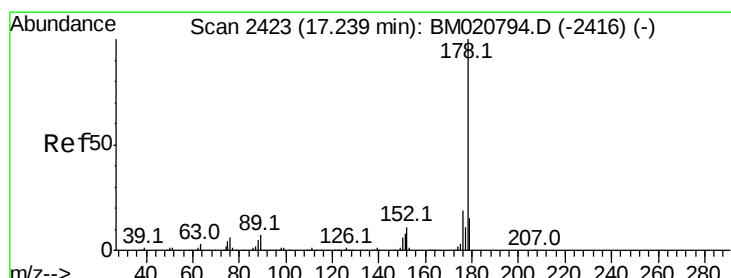
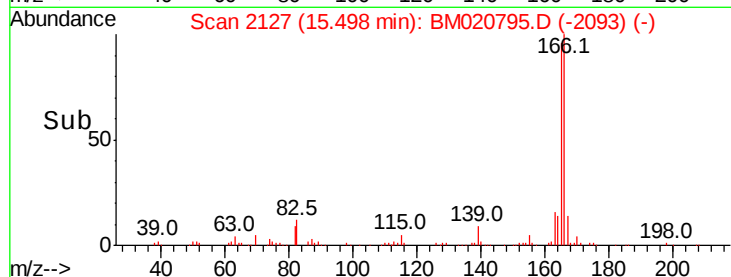
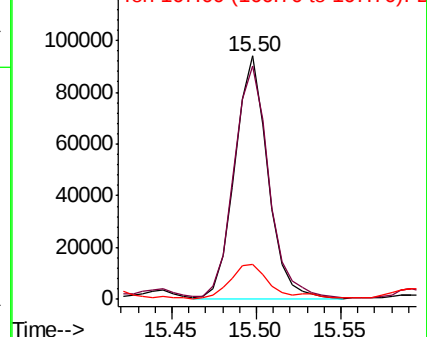
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 35.301 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

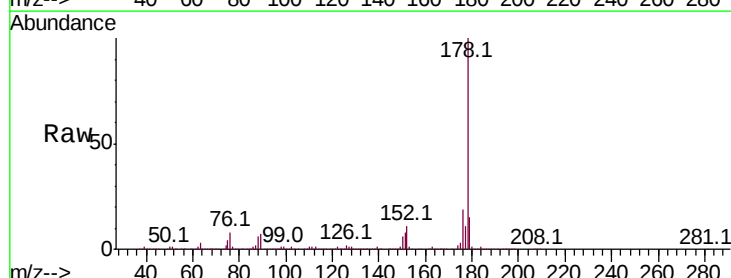
Tgt Ion:178 Resp: 2652462

Ion Ratio Lower Upper

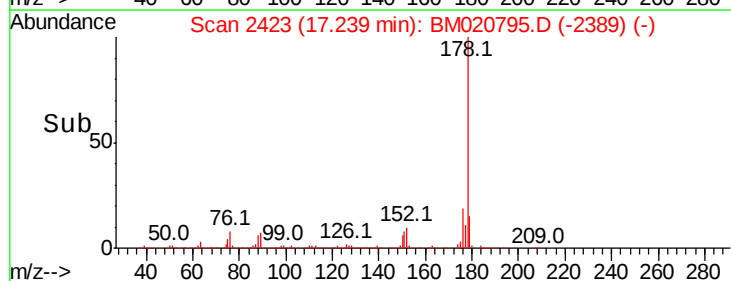
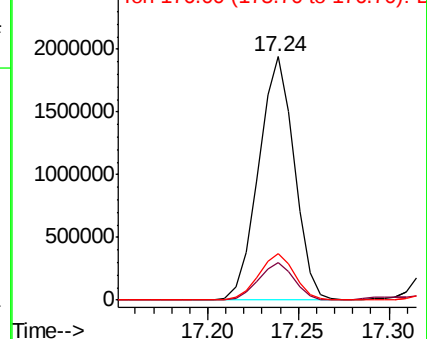
178 100

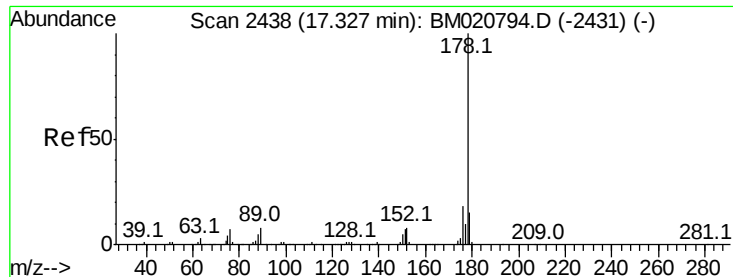
179 15.5 12.3 18.5

176 19.1 14.8 22.2



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





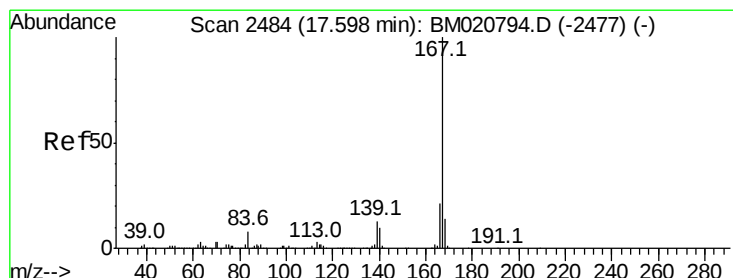
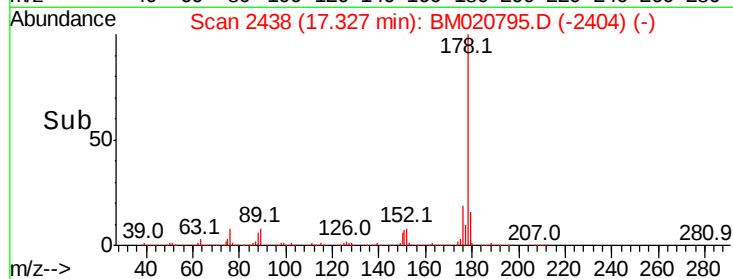
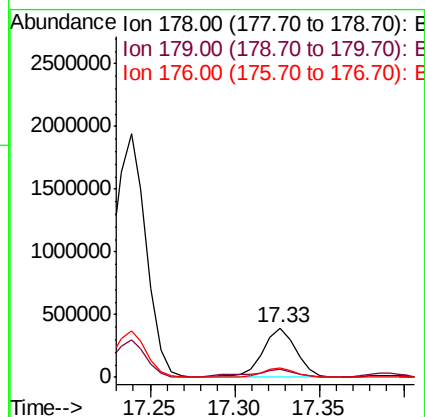
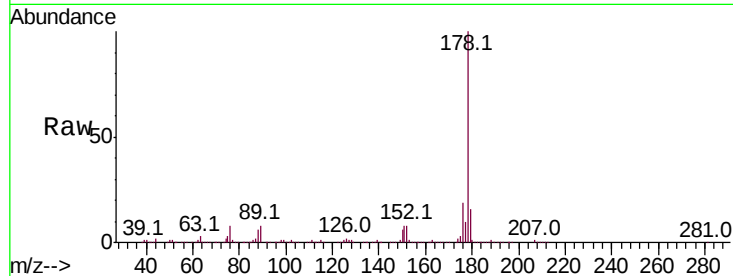
#71
 Anthracene
 Concen: 7.012 ng/ul
 RT: 17.33 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BM020795.D
 Acq: 07 Jun 2019 09:40

Instrument :
 BNA_M
 ClientSampled :
 C0AC6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	19.0	14.9	22.3

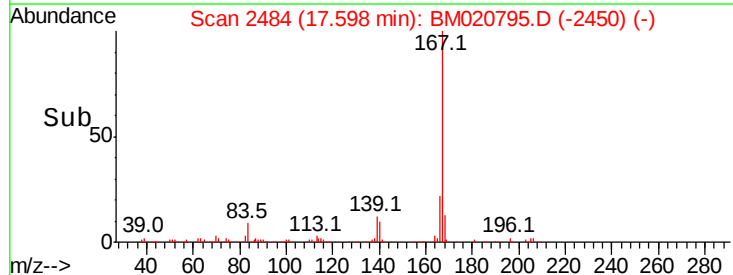
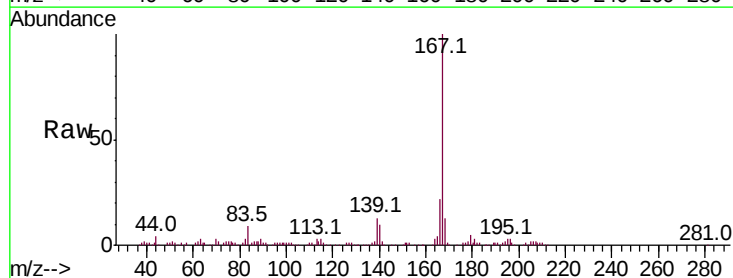
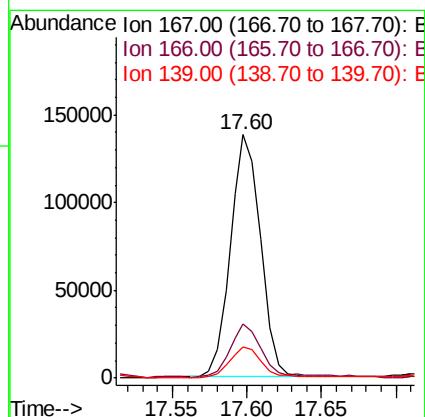
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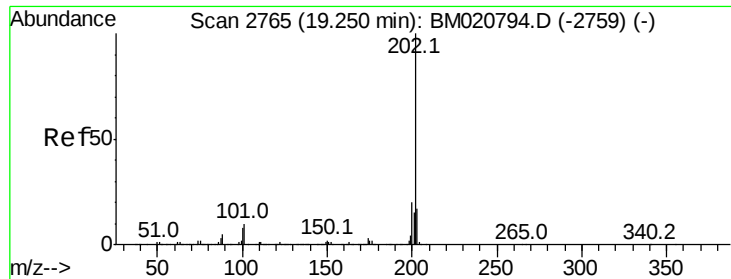
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#74
 Carbazole
 Concen: 2.917 ng/ul
 RT: 17.60 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BM020795.D
 Acq: 07 Jun 2019 09:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.0	25.6
139	12.7	10.5	15.7





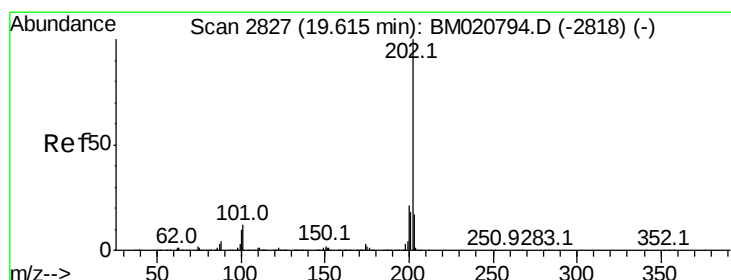
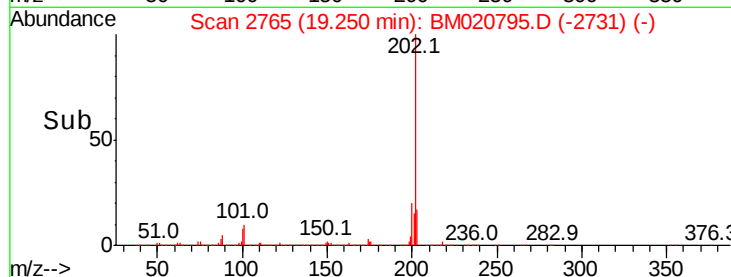
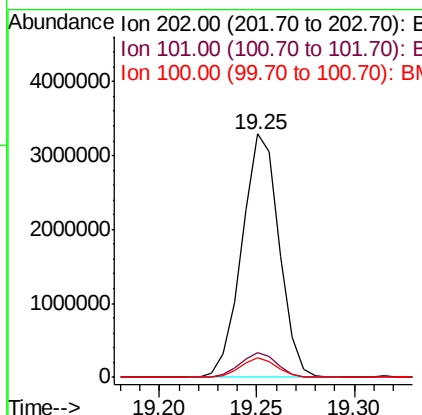
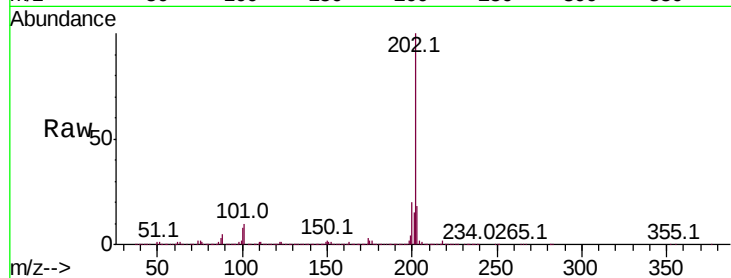
#76
Fluoranthene
Concen: 50.477 ng/ul
RT: 19.25 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BM020795.D
Acq: 07 Jun 2019 09:40

Instrument :
BNA_M
ClientSampleId :
C0AC6

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.9	11.9
100	7.8	6.2	9.4

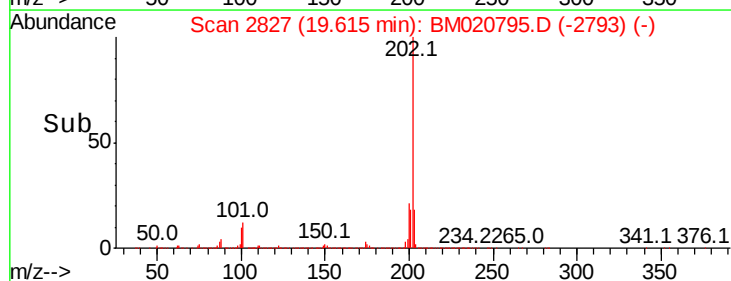
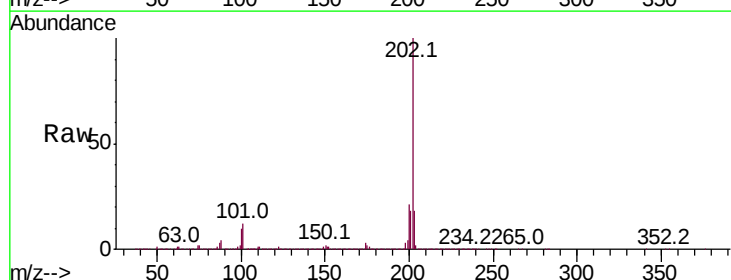
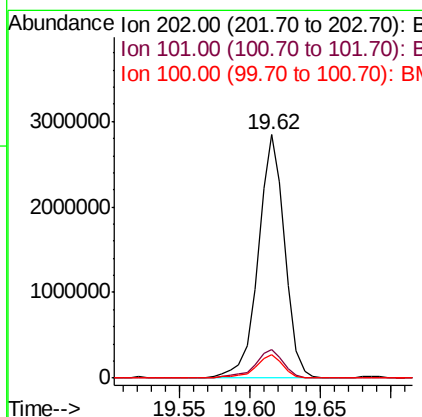
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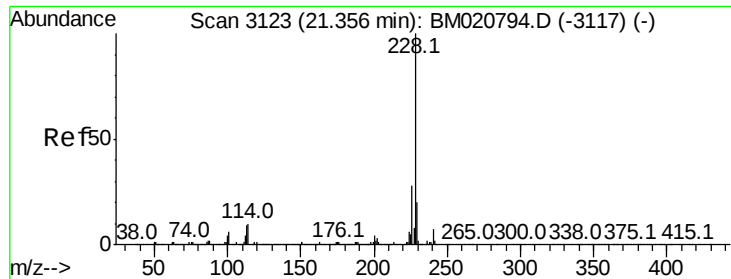
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#79
Pyrene
Concen: 46.708 ng/ul
RT: 19.62 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BM020795.D
Acq: 07 Jun 2019 09:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	9.7	8.0	12.0





#82

Benzo(a)anthracene

Concen: 25.577 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

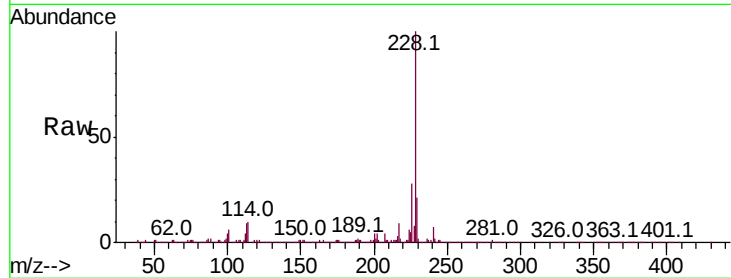
ClientSampleId :

C0AC6

Tot Ion:	228	Resp:	2069151
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.9	21.4	32.2

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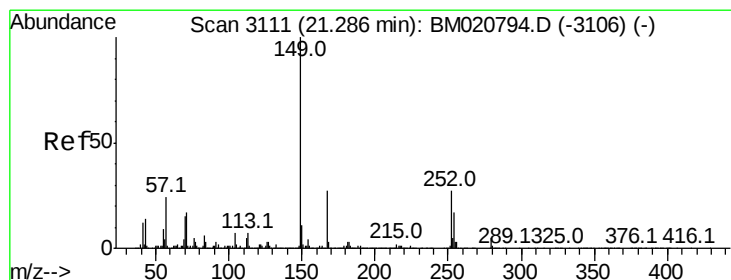
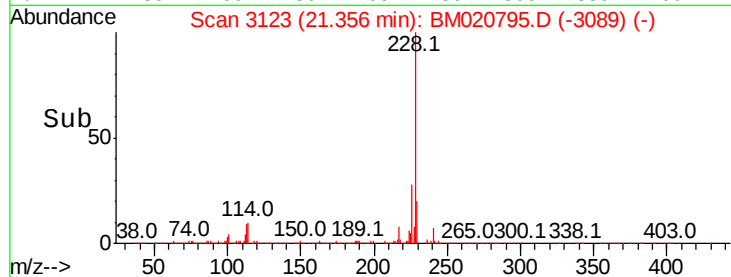
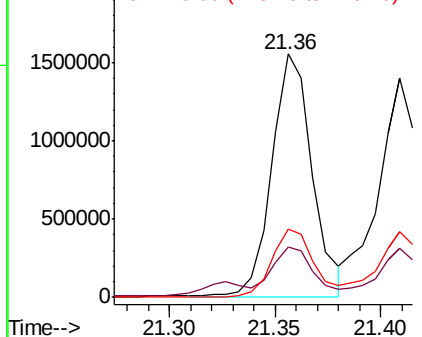


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.813 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

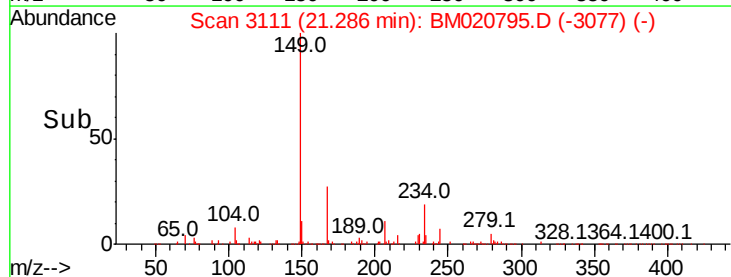
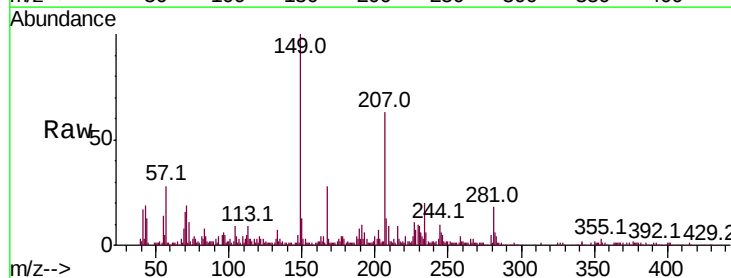
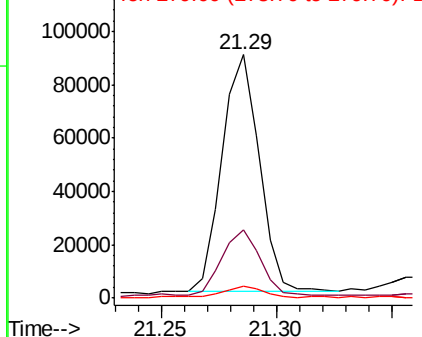
Tgt Ion:	149	Resp:	99749
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.9	32.9
279	5.0	4.1	6.1

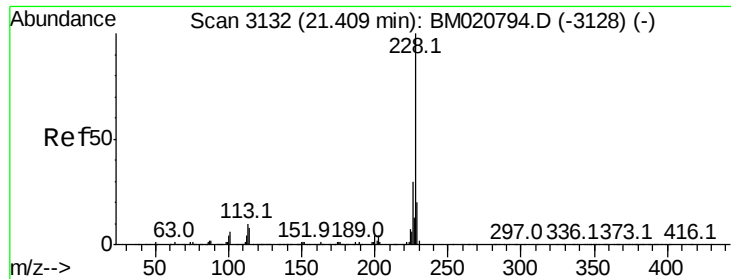
Abundance

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





#84

Chrysene

Concen: 24.999 ng/ul

RT: 21.41 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

Tot Ion:228 Resp: 1876618

Ion Ratio Lower Upper

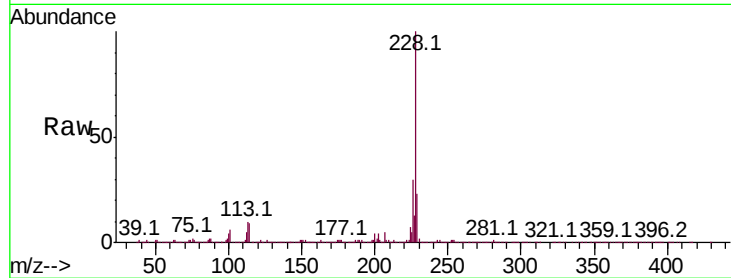
228 100

226 30.1 24.4 36.6

229 22.5 16.2 24.2

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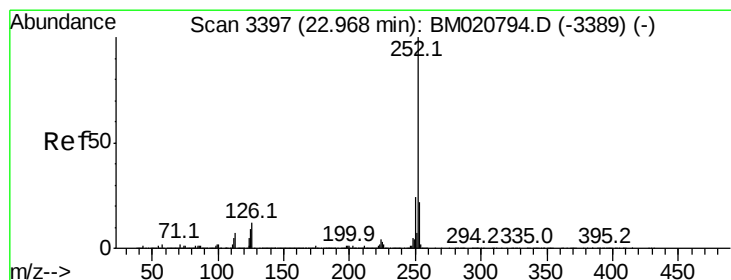
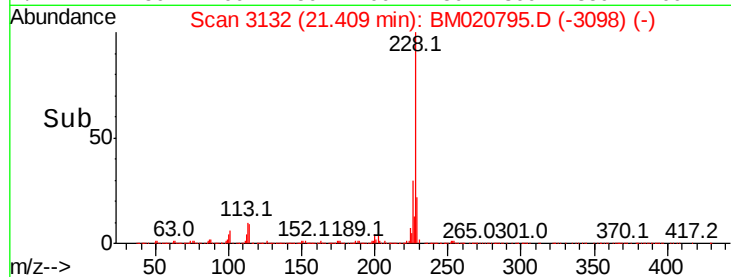
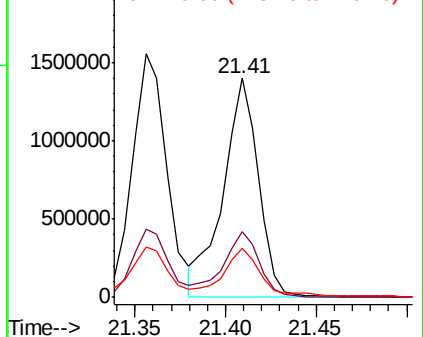


Abundance

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

Benzo(b)fluoranthene

Concen: 28.419 ng/ul

RT: 22.97 min Scan# 3398

Delta R.T. 0.01 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

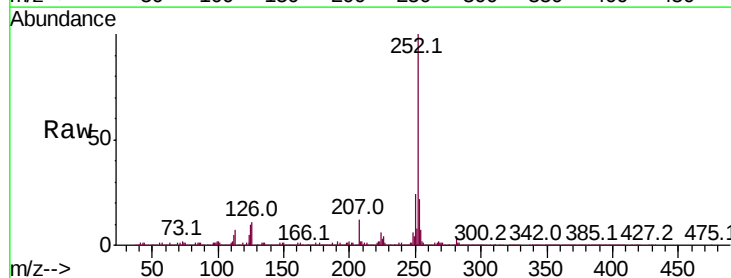
Tgt Ion:252 Resp: 2399882

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.9 7.3 10.9

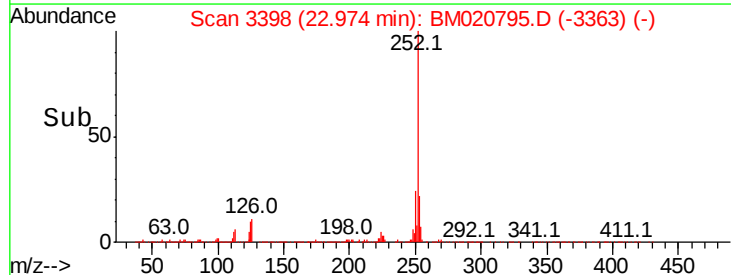
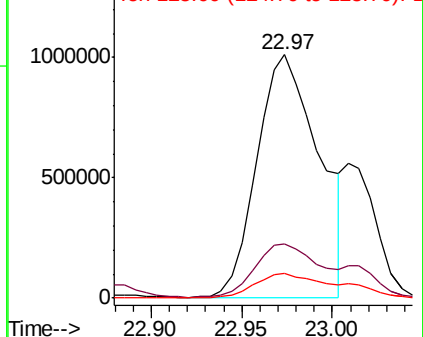


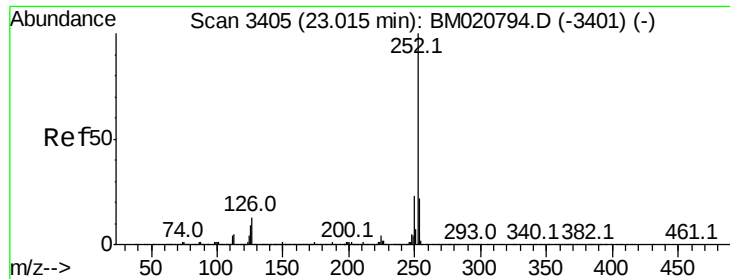
Abundance

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(k)fluoranthene

Concen: 8.408 ng/ul m

RT: 23.01 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

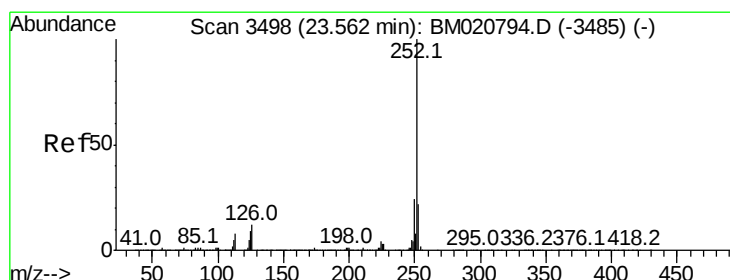
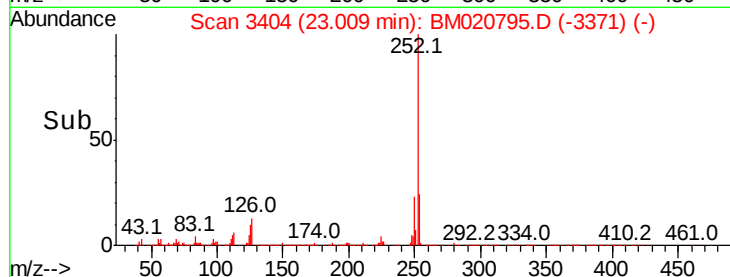
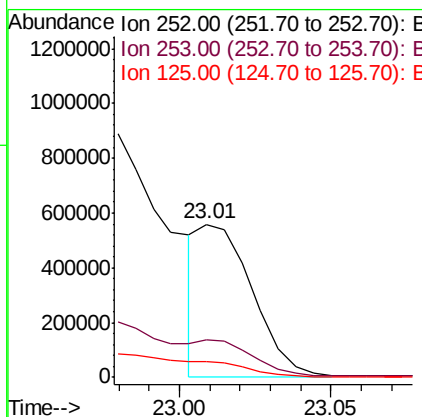
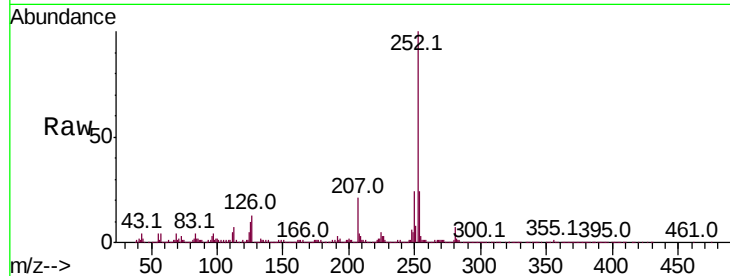
ClientSampled :

C0AC6

Tot Ion:	252	Resp:	678647
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.6	26.4
125	10.5	7.3	10.9

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#90

Benzo(a)pyrene

Concen: 19.632 ng/ul

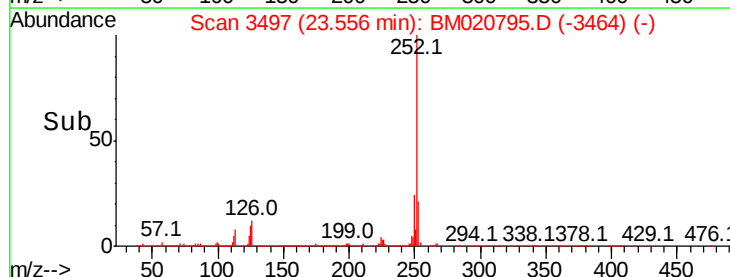
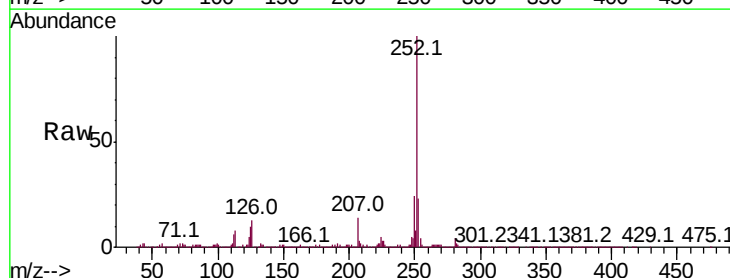
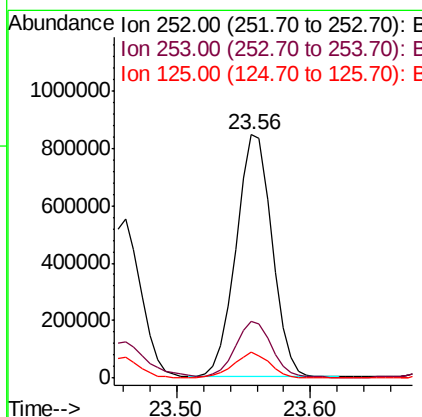
RT: 23.56 min Scan# 3497

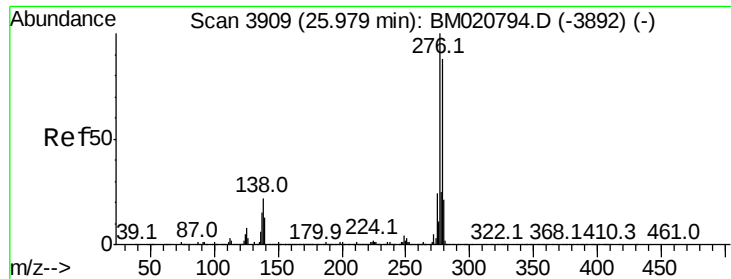
Delta R.T. -0.01 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Tgt Ion:	252	Resp:	1577241
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.0	25.6
125	10.4	8.2	12.4





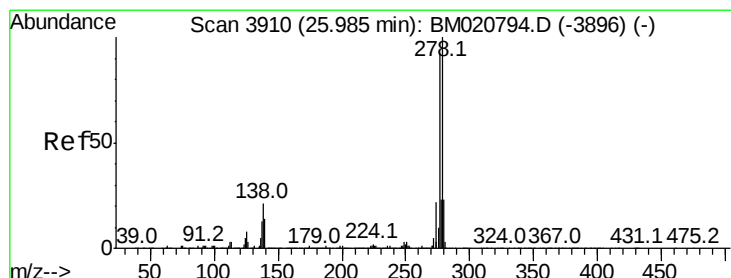
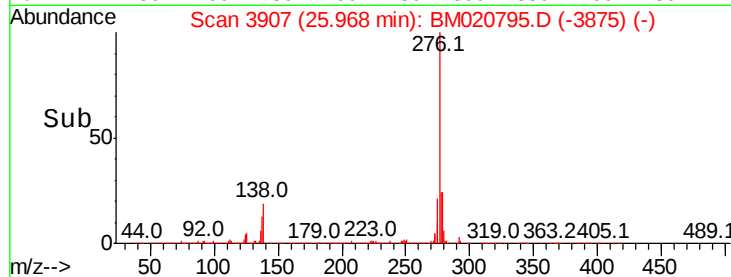
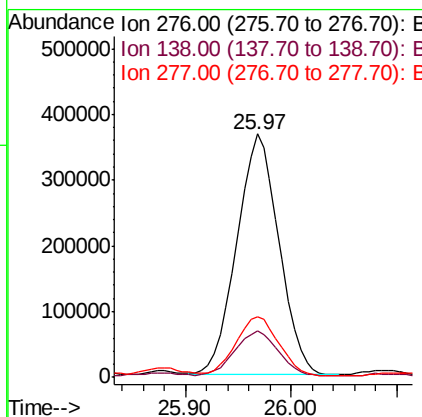
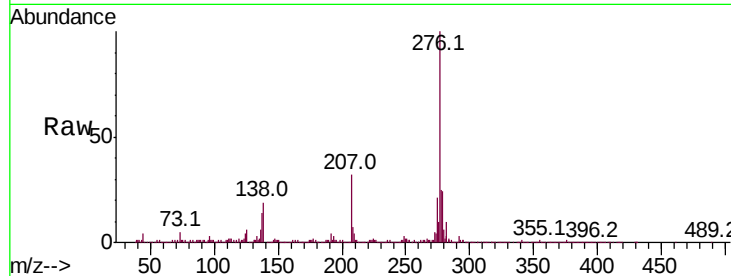
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 10.707 ng/ul
 RT: 25.97 min Scan# 3907
 Delta R.T. -0.01 min
 Lab File: BM020795.D
 Acq: 07 Jun 2019 09:40

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	17.8	26.8
277	24.7	20.0	30.0

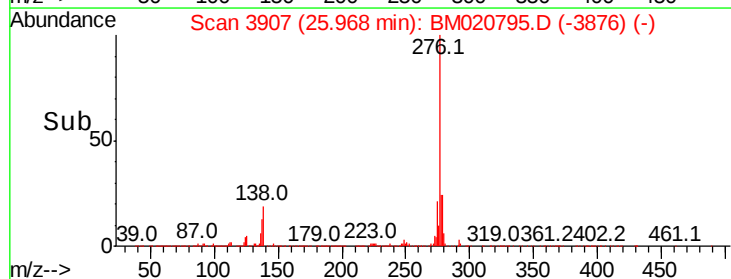
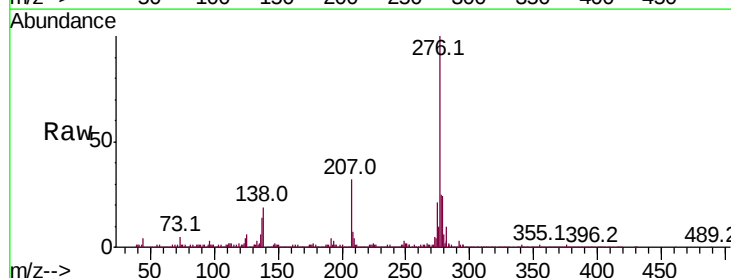
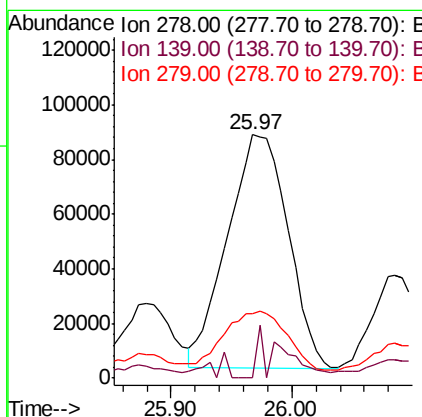
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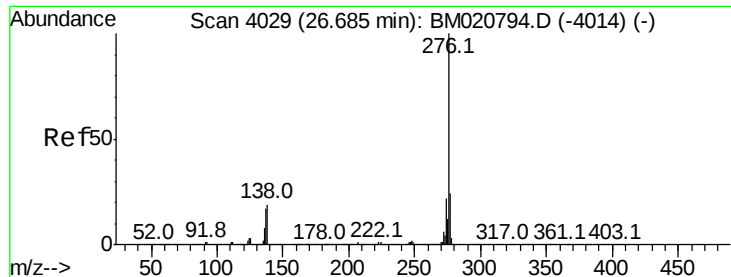
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#92
 Dibenzo(a,h)anthracene
 Concen: 3.708 ng/ul
 RT: 25.97 min Scan# 3907
 Delta R.T. -0.02 min
 Lab File: BM020795.D
 Acq: 07 Jun 2019 09:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	26.6	18.6	28.0





#93

Benzo(a,h,i)perylene

Concen: 9.858 ng/ul

RT: 26.69 min Scan# 4029

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

Tot Ion: 276 Resp: 758910

Ion Ratio Lower Upper

276 100

138 19.3 16.6 25.0

277 24.2 19.6 29.4

Manual Integrations

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