

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
 Data File : BM020799.D
 Acq On : 07 Jun 2019 12:04
 Operator : HP/JU
 Sample : K3201-05DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0AB6DL

Manual Integrations
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mohammad
 6/14/2019 8:41:34 AM

Quant Time: Jun 08 00:46:55 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	440551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1802539	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	1027615	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	2135130	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1876928	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	2158816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	22308	2.41	ng/uL	0.00
5) Phenol-d5	6.97	99	489795	14.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	300942	14.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	421405	15.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	404731	14.92	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	206275	16.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	226524	17.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	443363	16.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	392759	12.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1379873	18.15	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1662327	17.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	154340	11.83	ng/ul	0.00
57) Fluorene-d10	15.44	176	1117946	17.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	91786	8.41	ng/ul	0.00
70) Anthracene-d10	17.29	188	1632544	17.50	ng/ul	0.00
78) Pyrene-d10	19.59	212	1592707	17.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1615211	16.46	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.90	163	551552	7.247	ng/ul	99
47) Acenaphthylene	14.17	152	243544	2.612	ng/ul	98
49) Acenaphthene	14.52	153	125339	1.925	ng/ul	98
53) Dibenzofuran	14.84	168	115391	1.253	ng/ul	100
58) Fluorene	15.50	166	121395	1.642	ng/ul#	99
69) Phenanthrene	17.24	178	3177356	29.569	ng/ul	99
71) Anthracene	17.33	178	564154	5.122	ng/ul	99
74) Carbazole	17.60	167	242515	2.532	ng/ul	97
76) Fluoranthene	19.26	202	6318706	51.312	ng/ul	99
79) Pyrene	19.62	202	5789059	49.966	ng/ul	98
82) Benzo(a)anthracene	21.36	228	3105400	26.522	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.29	149	98944	1.242	ng/ul	99
84) Chrysene	21.42	228	3226810	29.701	ng/ul	98
87) Benzo(b)fluoranthene	22.98	252	4381835	34.891	ng/ul	98
88) Benzo(k)fluoranthene	23.01	252	1259166m	10.490	ng/ul	
90) Benzo(a)pyrene	23.57	252	2831479	23.699	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.98	276	2063807	14.625	ng/ul	96
92) Dibenz(a,h)anthracene	25.99	278	574301	4.803	ng/ul#	82
93) Benzo(g,h,i)perylene	26.69	276	1596532	13.945	ng/ul	98

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

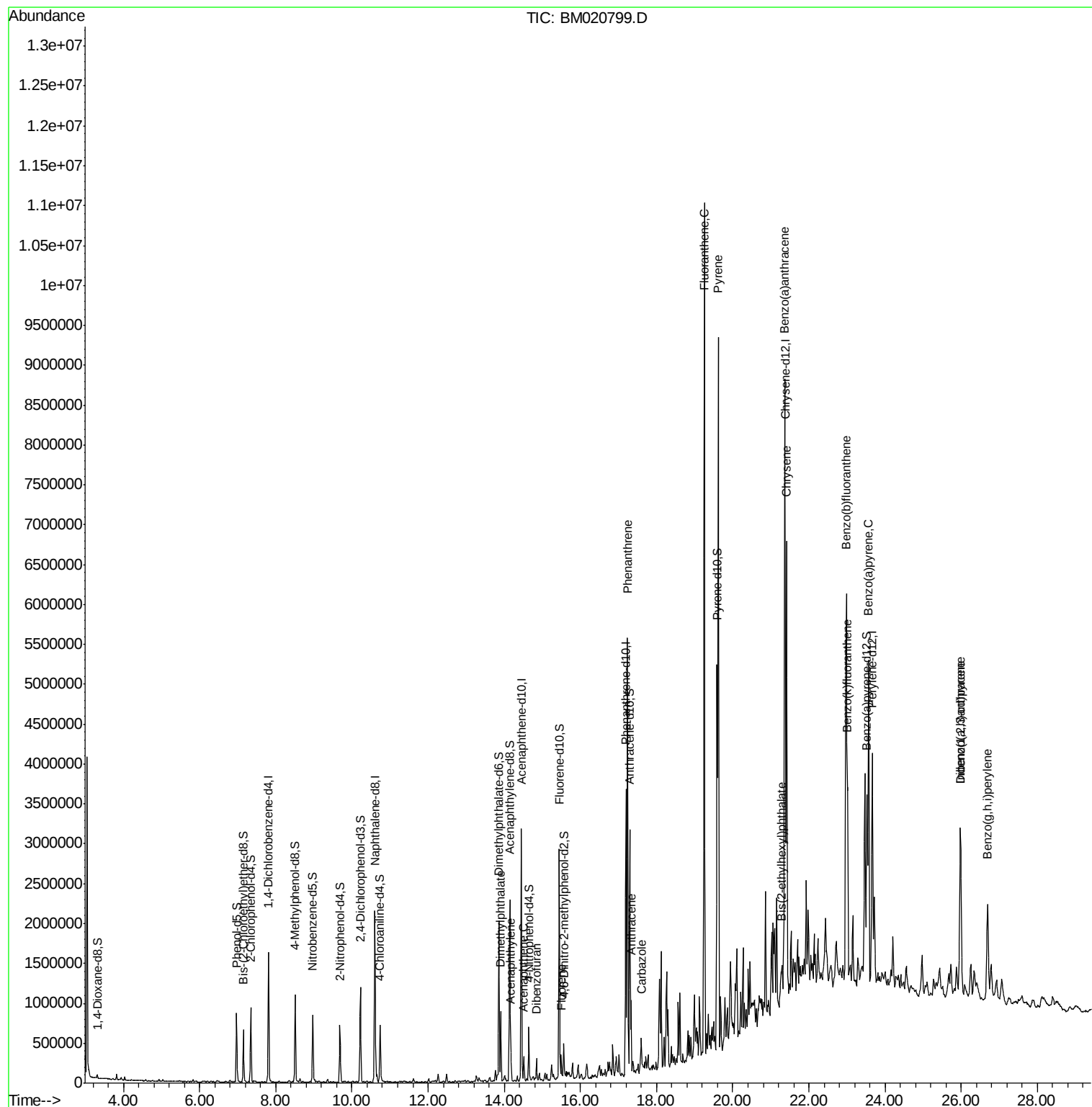
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020799.D
Acq On : 07 Jun 2019 12:04
Operator : HP/JU
Sample : K3201-05DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

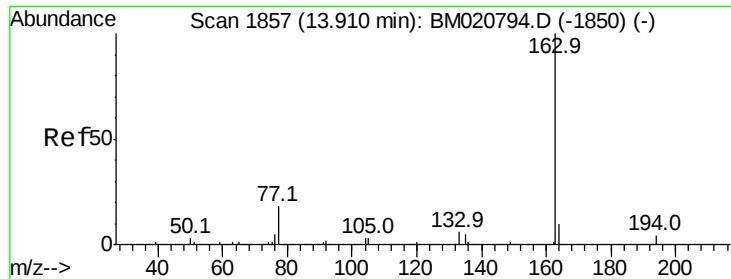
Instrument :
BNA_M
ClientSampleId :
C0AB6DL

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Quant Time: Jun 08 00:46:55 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





#44

Dimethylphthalate

Concen: 7.247 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020799.D

Acq: 07 Jun 2019 12:04

Instrument :

BNA_M

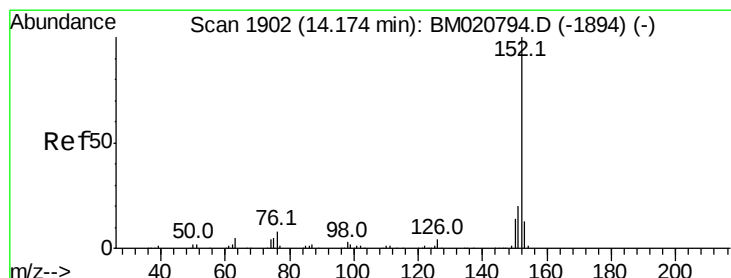
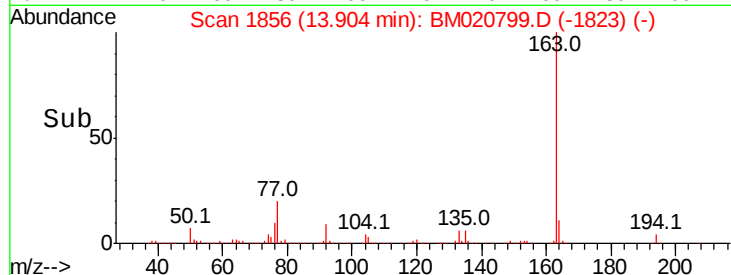
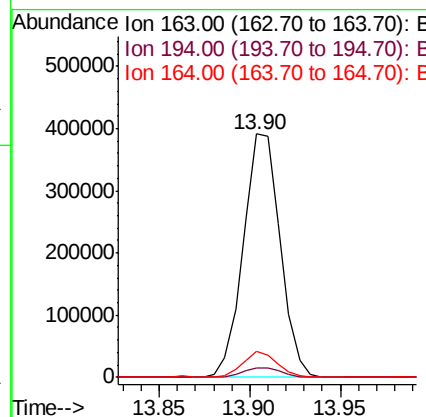
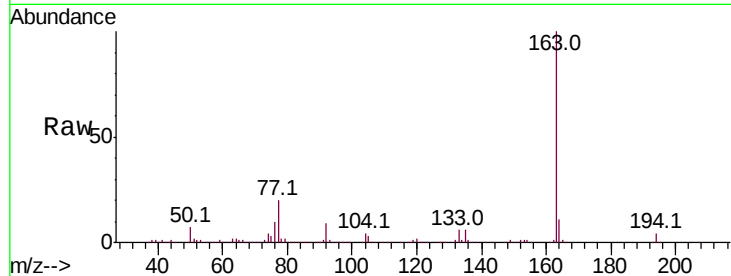
ClientSampled :

C0AB6DL

Tot Ion:	163	Resp:	551552
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.5	8.0	12.0

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#47

Acenaphthylene

Concen: 2.612 ng/ul

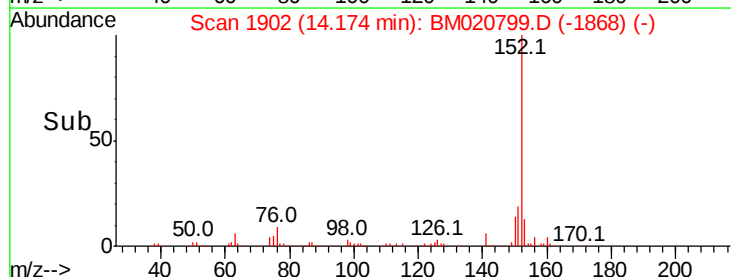
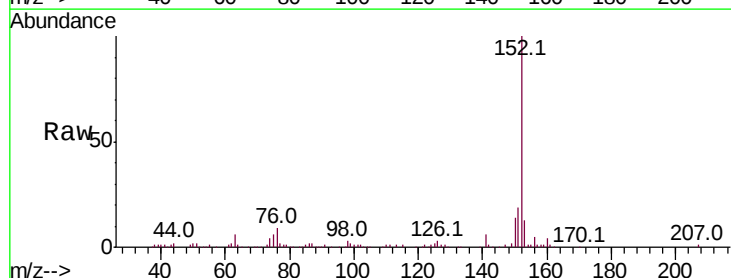
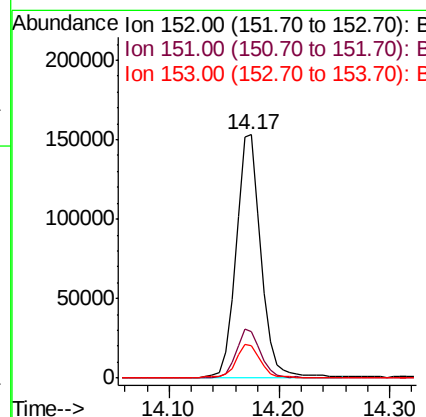
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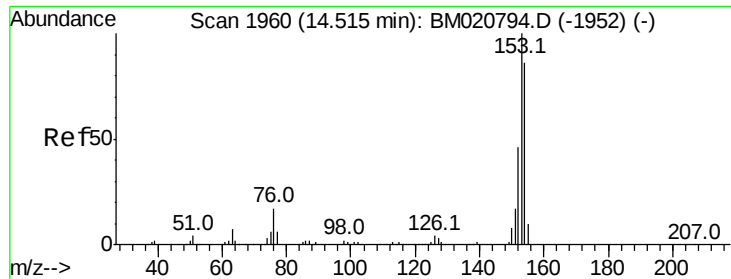
Delta R.T. 0.00 min

Lab File: BM020799.D

Acq: 07 Jun 2019 12:04

Tgt Ion:	152	Resp:	243544
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.2	24.2
153	13.4	10.6	15.8





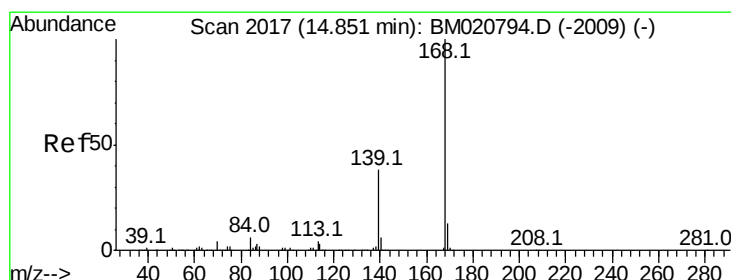
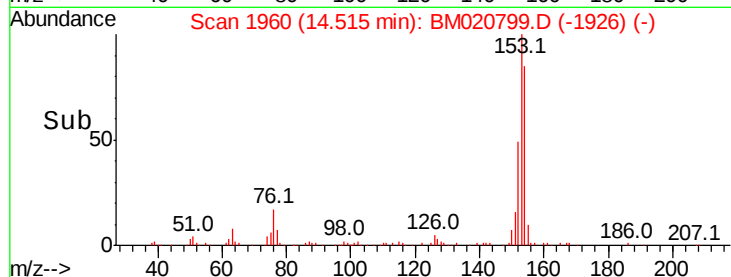
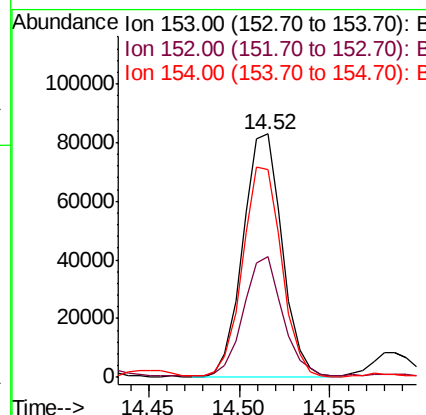
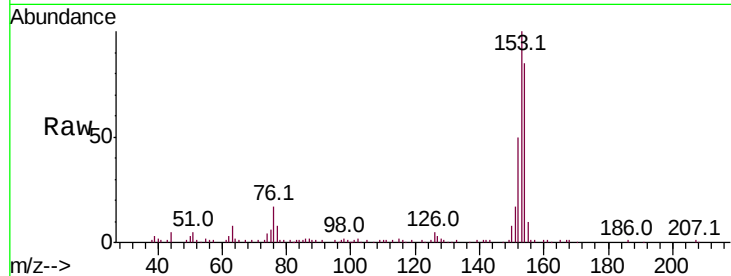
#49
Acenaphthene
Concen: 1.925 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BM020799.D
Acq: 07 Jun 2019 12:04

Instrument :
BNA_M
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	49.7	37.3	55.9
154	85.3	68.7	103.1

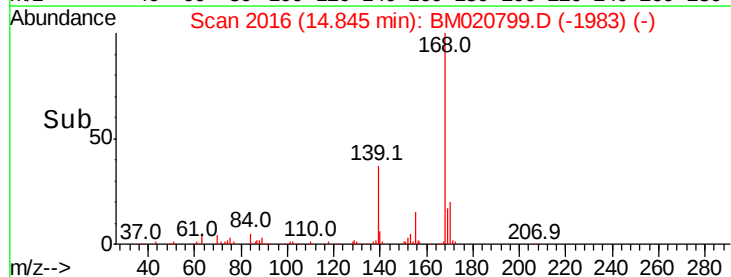
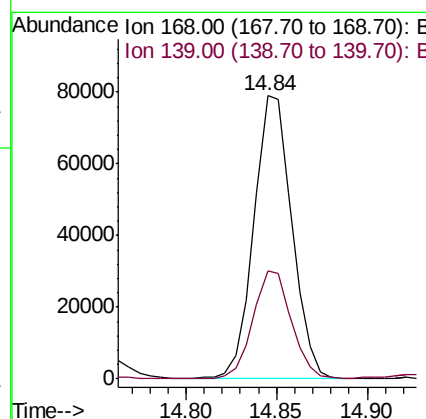
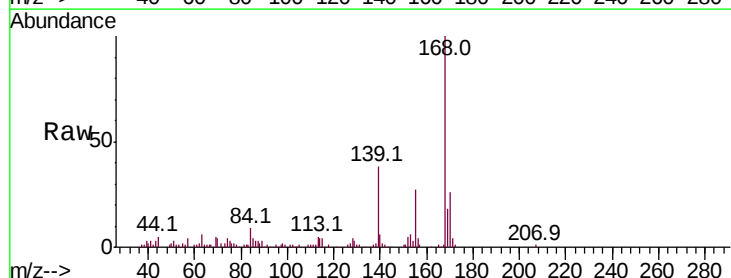
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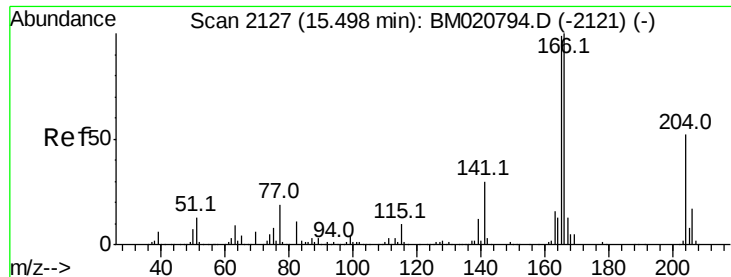
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#53
Dibenzofuran
Concen: 1.253 ng/ul
RT: 14.84 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM020799.D
Acq: 07 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.4	45.6





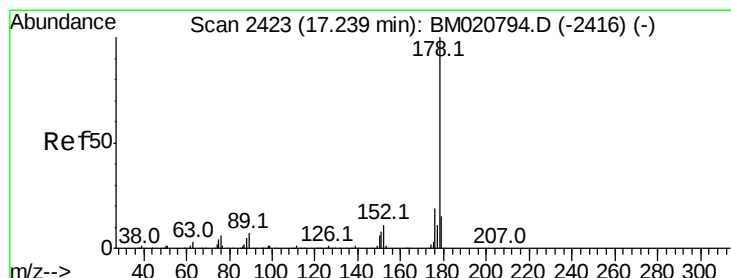
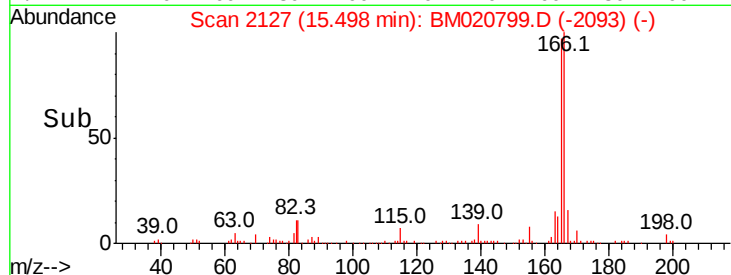
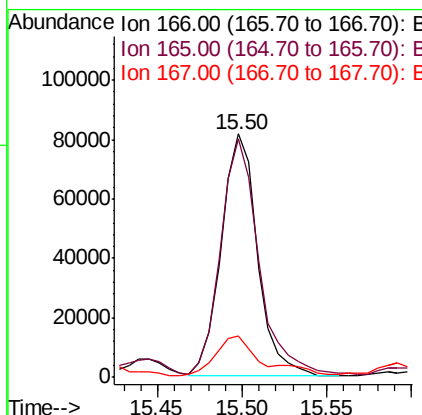
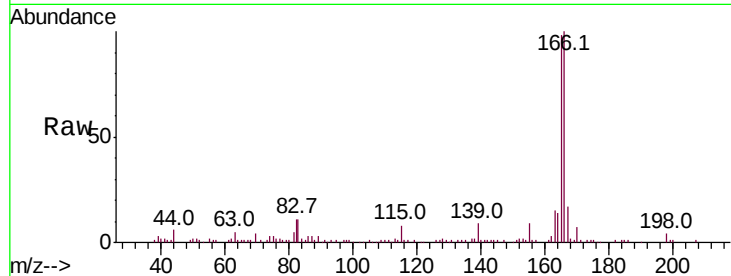
#58
Fluorene
 Concen: 1.642 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BM020799.D
 Acq: 07 Jun 2019 12:04

Instrument :
 BNA_M
 ClientSampled :
 C0AB6DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	16.8	10.8	16.2#

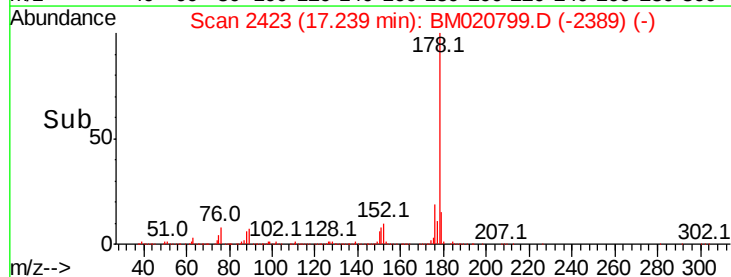
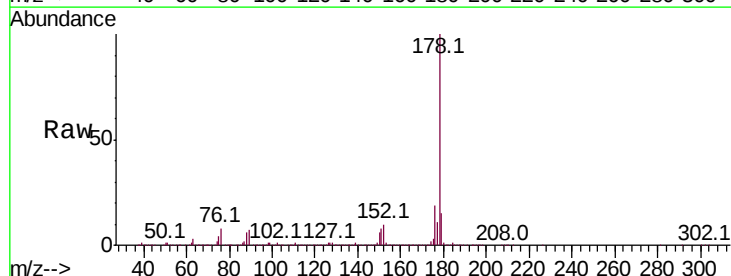
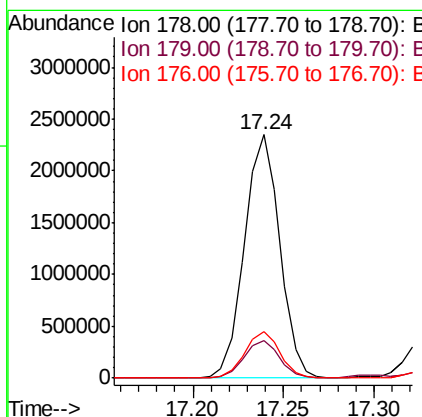
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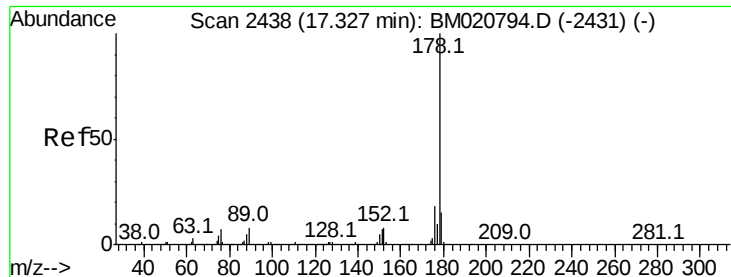
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#69
Phenanthrene
 Concen: 29.569 ng/ul
 RT: 17.24 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BM020799.D
 Acq: 07 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.0	14.8	22.2





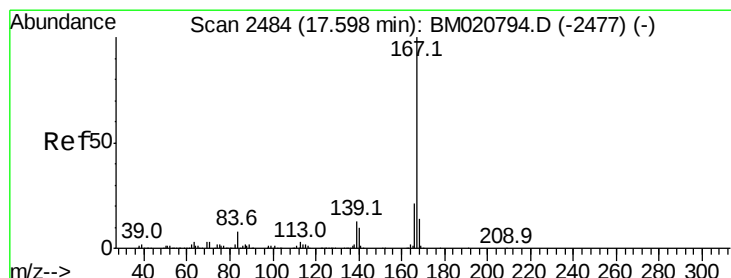
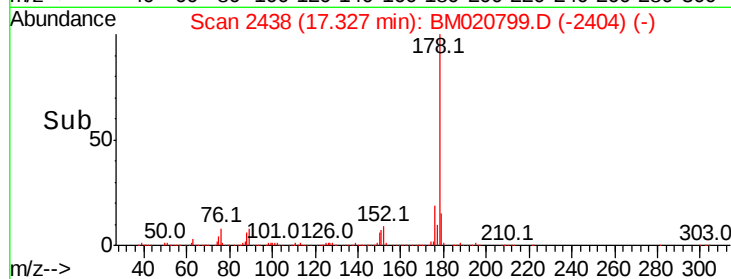
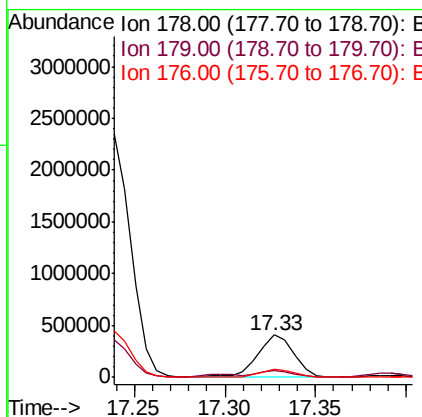
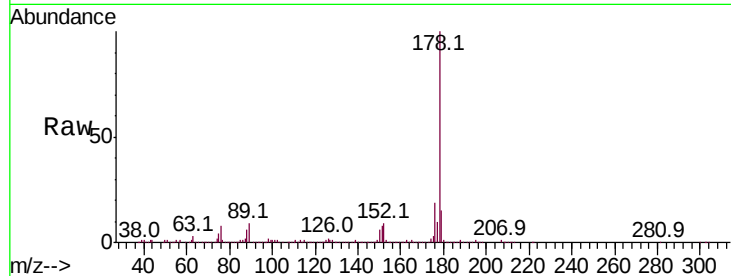
#71
 Anthracene
 Concen: 5.122 ng/ul
 RT: 17.33 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: BM020799.D
 Acq: 07 Jun 2019 12:04

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6DL

Tot Ion:178	Resp:	564154
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.1 18.1
176	18.7	14.9 22.3

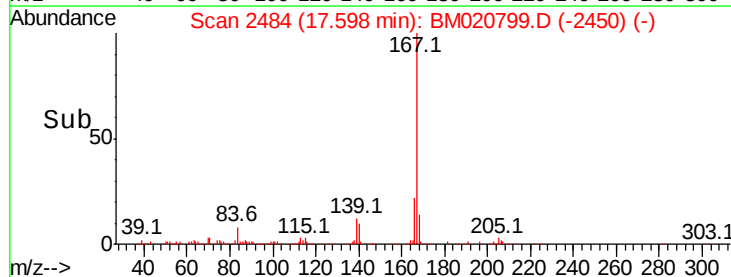
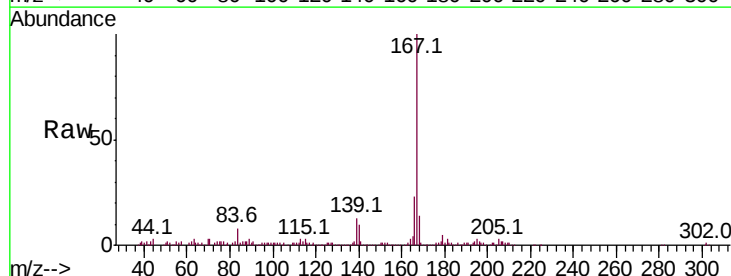
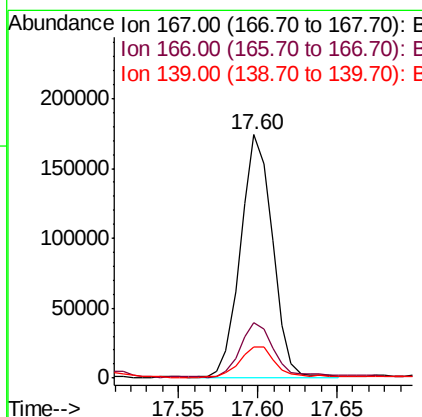
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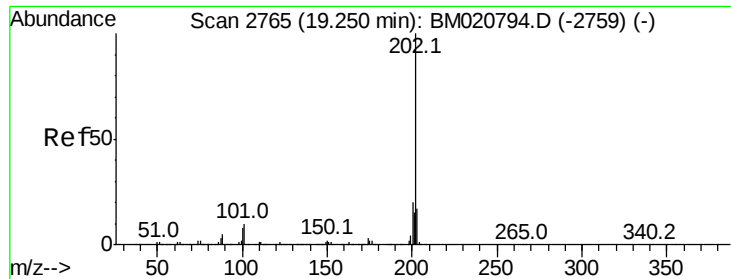
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#74
 Carbazole
 Concen: 2.532 ng/ul
 RT: 17.60 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BM020799.D
 Acq: 07 Jun 2019 12:04

Tgt Ion:167	Resp:	242515
Ion Ratio	Lower	Upper
167	100	
166	23.0	17.0 25.6
139	12.8	10.5 15.7





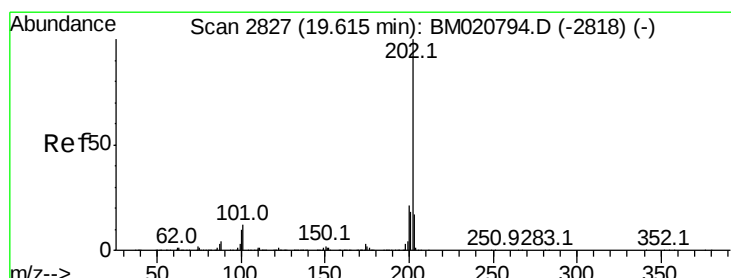
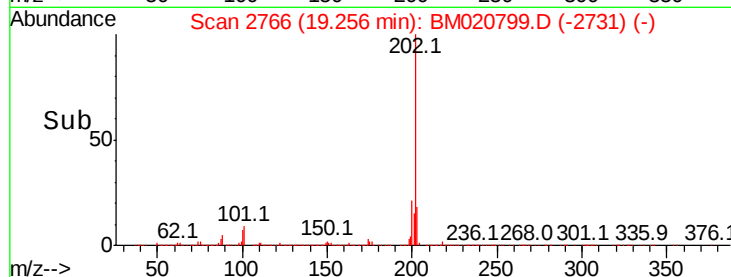
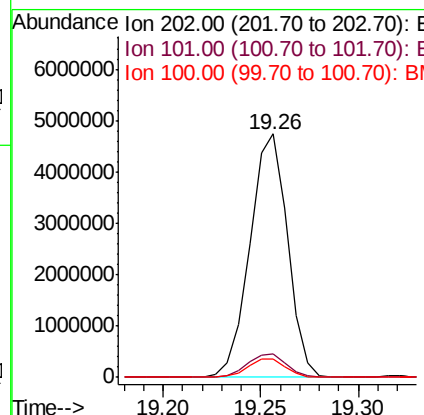
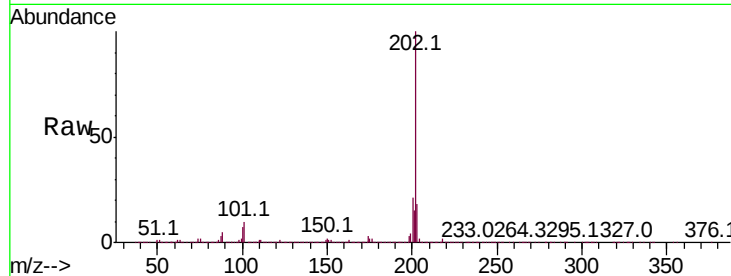
#76
Fluoranthene
Concen: 51.312 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.01 min
Lab File: BM020799.D
Acq: 07 Jun 2019 12:04

Instrument :
BNA_M
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.9	11.9
100	7.3	6.2	9.4

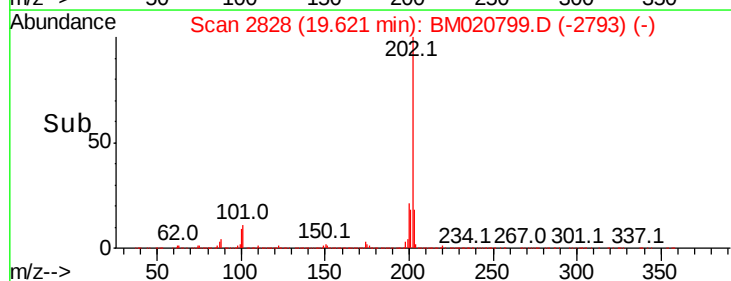
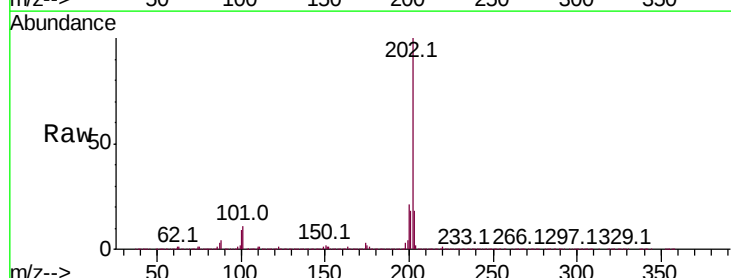
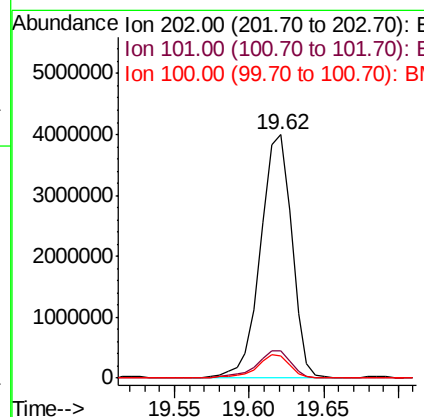
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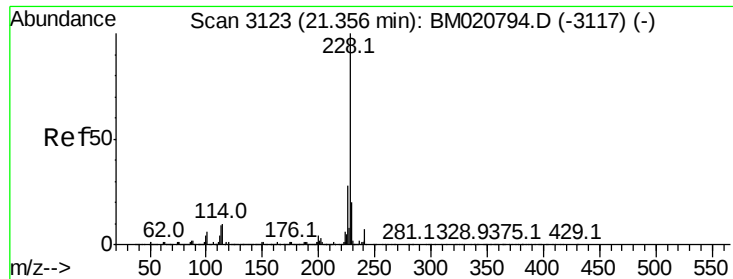
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#79
Pyrene
Concen: 49.966 ng/ul
RT: 19.62 min Scan# 2828
Delta R.T. 0.01 min
Lab File: BM020799.D
Acq: 07 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
100	9.3	8.0	12.0





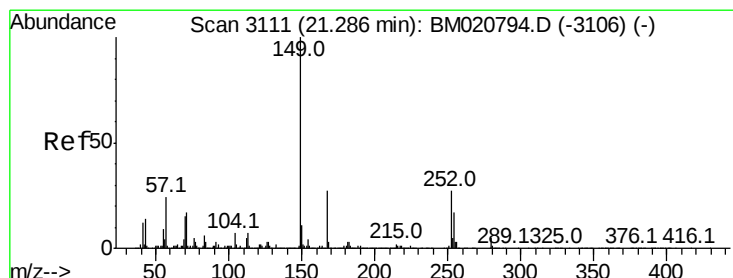
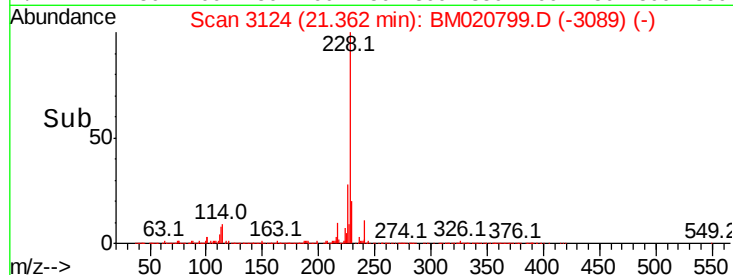
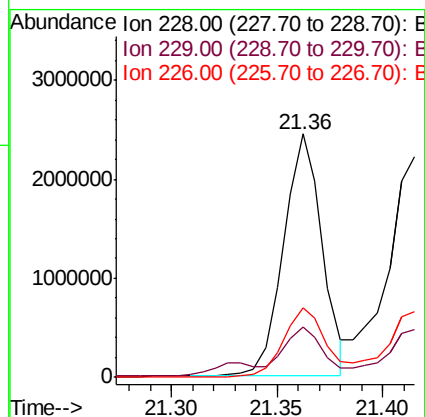
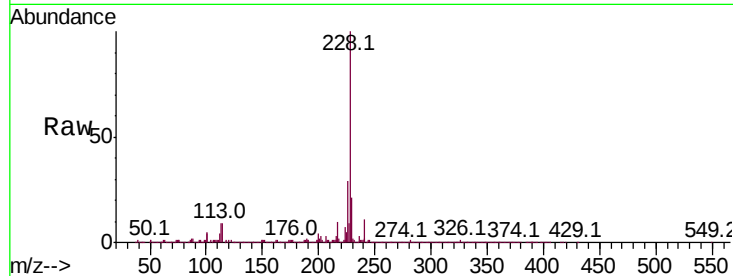
#82
Benzo(a)anthracene
Concen: 26.522 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM020799.D
Acq: 07 Jun 2019 12:04

Instrument :
BNA_M
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.5	21.4	32.2

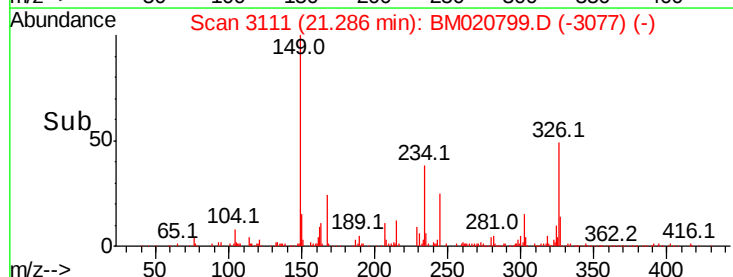
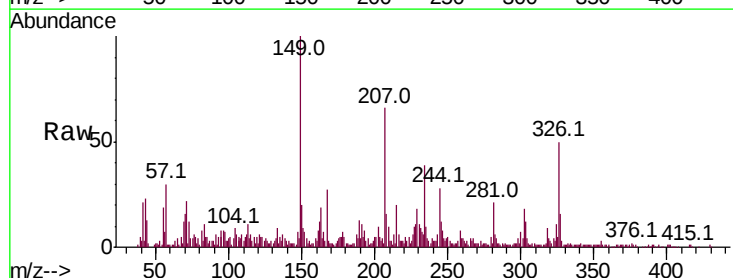
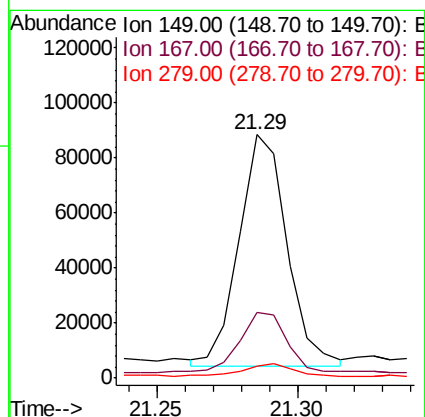
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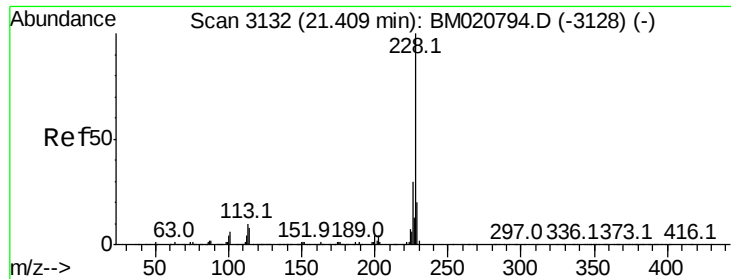
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.242 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM020799.D
Acq: 07 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.9	32.9
279	5.2	4.1	6.1





#84

Chrysene

Concen: 29.701 ng/ul

RT: 21.42 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BM020799.D

Acq: 07 Jun 2019 12:04

Instrument :

BNA_M

ClientSampleId :

C0AB6DL

Tot Ion:228 Resp: 3226810

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	21.6	16.2	24.2

228 100

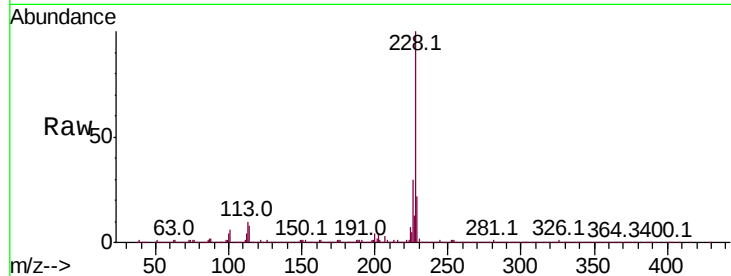
226 30.0 24.4 36.6

229 21.6 16.2 24.2

Manual Integrations
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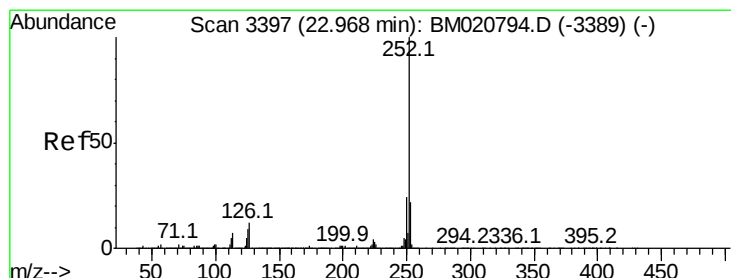
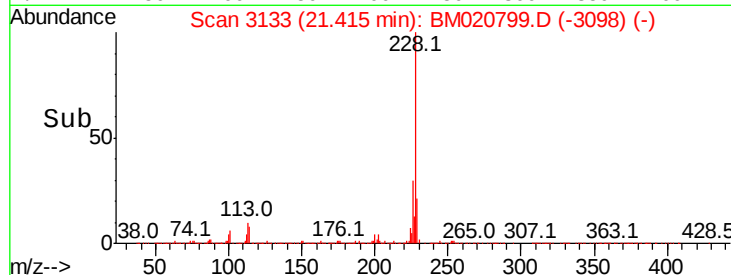
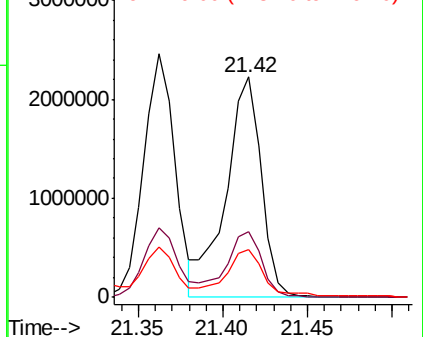


Abundance

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: 34.891 ng/ul

RT: 22.98 min Scan# 3399

Delta R.T. 0.01 min

Lab File: BM020799.D

Acq: 07 Jun 2019 12:04

Tgt Ion:252 Resp: 4381835

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.5	7.3	10.9

252 100

253 23.4 17.6 26.4

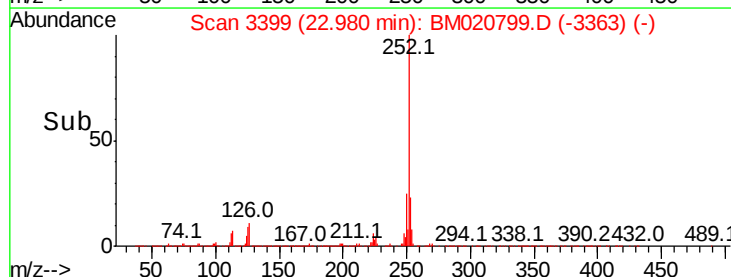
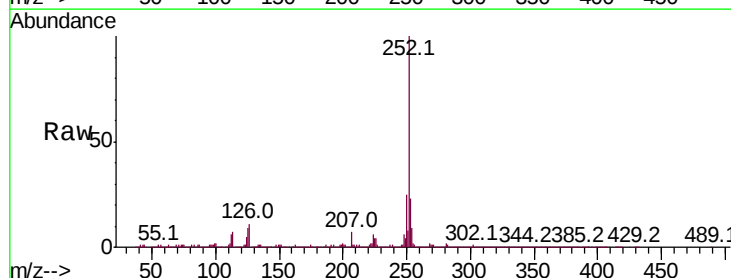
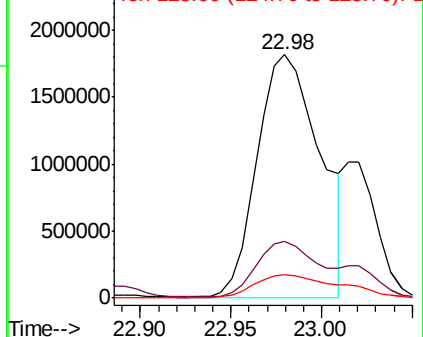
125 9.5 7.3 10.9

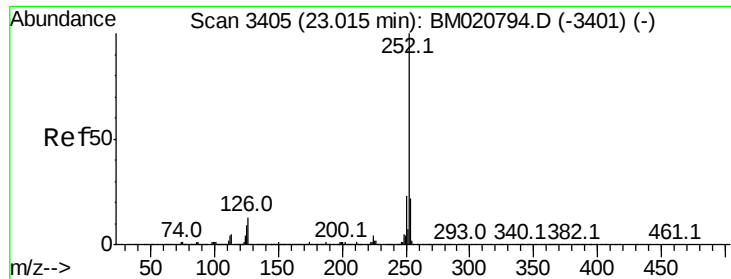
Abundance

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: 10.490 ng/ul m

RT: 23.01 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BM020799.D

Acq: 07 Jun 2019 12:04

Instrument :

BNA_M

ClientSampleId :

C0AB6DL

Tot Ion:252 Resp: 1259166

Ion Ratio Lower Upper

252 100

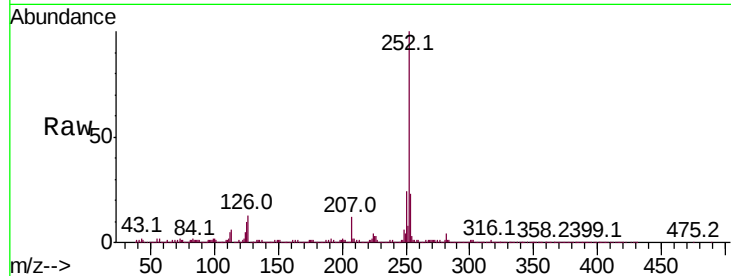
253 23.4 17.6 26.4

125 9.7 7.3 10.9

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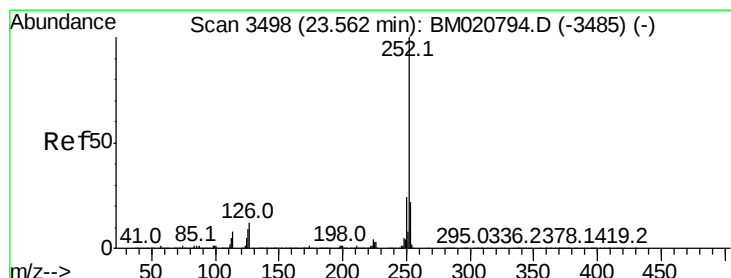
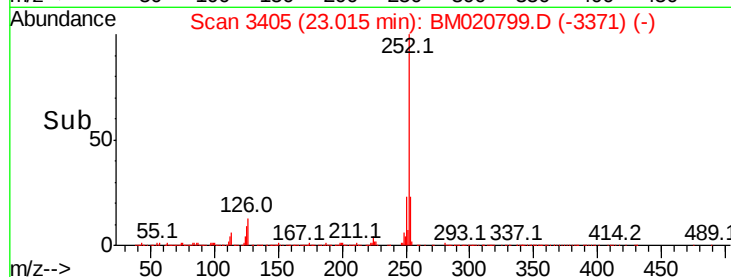
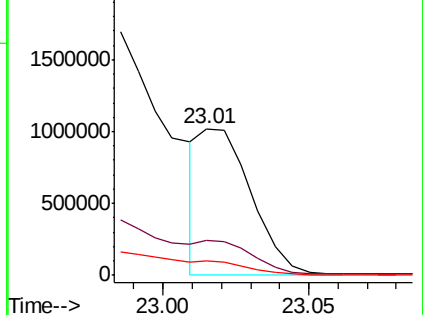
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 23.699 ng/ul

RT: 23.57 min Scan# 3499

Delta R.T. 0.01 min

Lab File: BM020799.D

Acq: 07 Jun 2019 12:04

Tgt Ion:252 Resp: 2831479

Ion Ratio Lower Upper

252 100

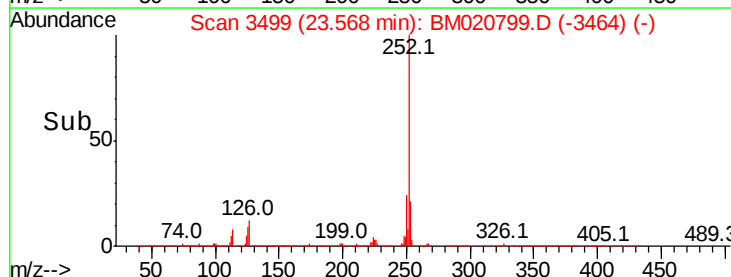
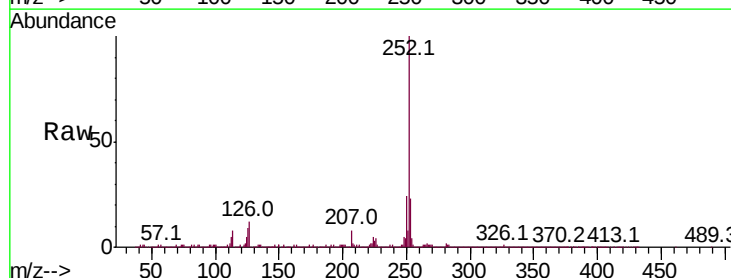
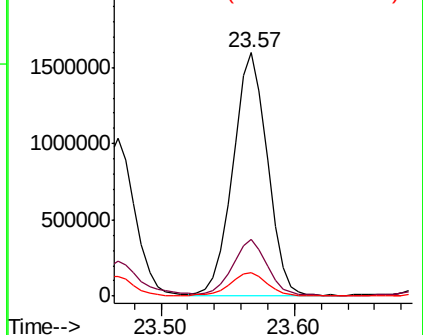
253 23.2 17.0 25.6

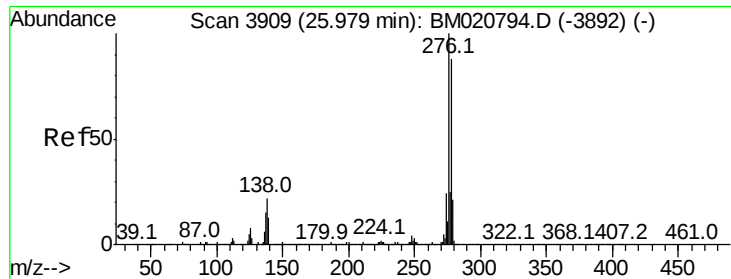
125 9.5 8.2 12.4

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





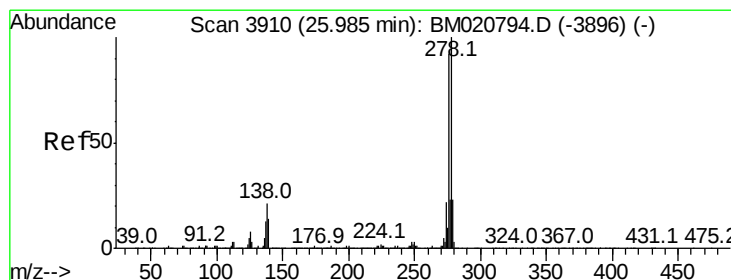
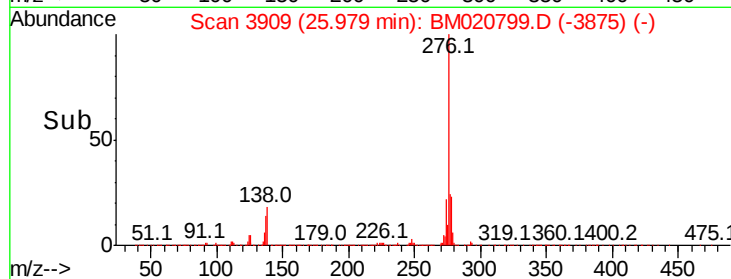
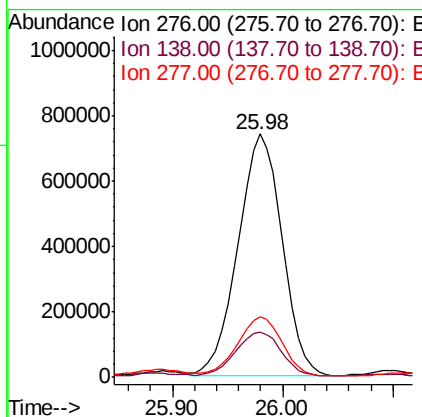
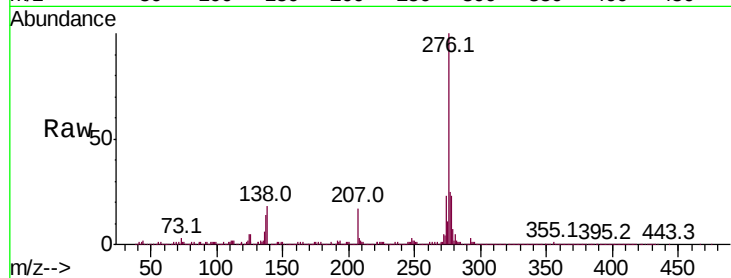
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 14.625 ng/ul
 RT: 25.98 min Scan# 3909
 Delta R.T. -0.00 min
 Lab File: BM020799.D
 Acq: 07 Jun 2019 12:04

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.8	26.8
277	24.9	20.0	30.0

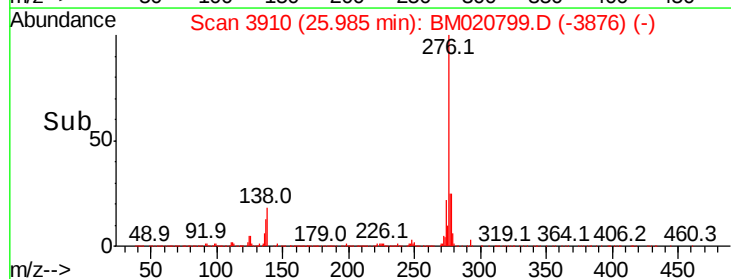
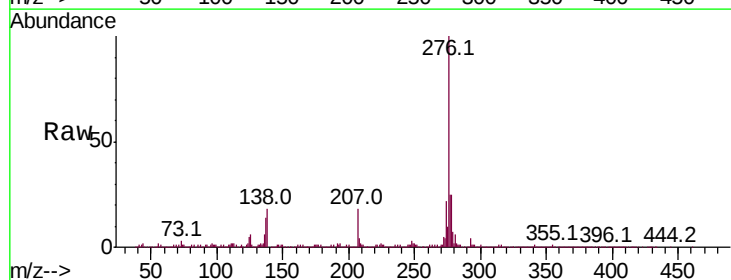
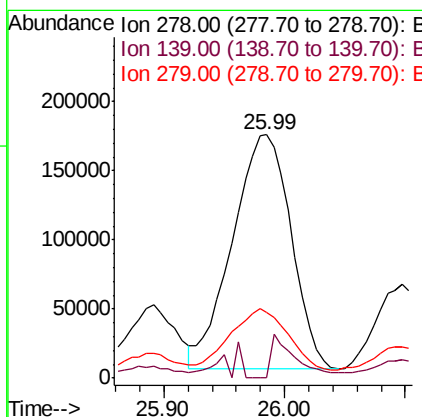
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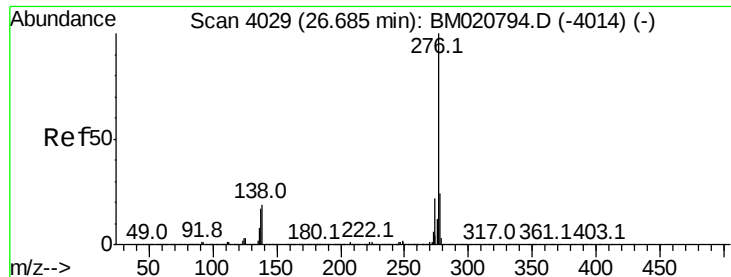
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#92
 Dibenzo(a,h)anthracene
 Concen: 4.803 ng/ul
 RT: 25.99 min Scan# 3910
 Delta R.T. -0.00 min
 Lab File: BM020799.D
 Acq: 07 Jun 2019 12:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	26.7	18.6	28.0





#93
 Benzo(a,h,i)perylene
 Concen: 13.945 ng/ul
 RT: 26.69 min Scan# 4030
 Delta R.T. 0.01 min
 Lab File: BM020799.D
 Acq: 07 Jun 2019 12:04

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.6	25.0
277	24.0	19.6	29.4

Manual Integrations
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