

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
 Data File : BM020798.D
 Acq On : 07 Jun 2019 11:28
 Operator : HP/JU
 Sample : K3201-14DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0AC5DL

Manual Integrations
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mohammad
 6/14/2019 8:41:31 AM

Quant Time: Jun 08 00:42:40 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	411936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1718239	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	989404	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	2110884	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1853269	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	2083673	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	20664	2.39	ng/uL	0.00
5) Phenol-d5	6.97	99	429834	13.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	276157	14.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	367794	14.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	322413	12.71	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	185536	15.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	201204	16.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	382667	15.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	329042	10.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1205119	16.47	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1436870	15.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	140530	11.19	ng/ul	0.00
57) Fluorene-d10	15.44	176	992282	15.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	88947	8.24	ng/ul	0.00
70) Anthracene-d10	17.29	188	1435348	15.57	ng/ul	0.00
78) Pyrene-d10	19.59	212	1422577	15.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1437487	15.18	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.00	94	32761	1.010	ng/ul 98
28) Naphthalene	10.65	128	112960	1.400	ng/ul 99
44) Dimethylphthalate	13.90	163	410429	5.601	ng/ul 99
47) Acenaphthylene	14.17	152	210309	2.342	ng/ul 99
49) Acenaphthene	14.51	153	180644	2.882	ng/ul 96
53) Dibenzofuran	14.85	168	149131	1.682	ng/ul 97
58) Fluorene	15.50	166	197069	2.769	ng/ul 98
69) Phenanthrene	17.24	178	4013371	37.778	ng/ul 99
71) Anthracene	17.33	178	781711	7.179	ng/ul 99
74) Carbazole	17.60	167	321261	3.392	ng/ul 99
76) Fluoranthene	19.26	202	7043108	57.852	ng/ul 99
79) Pyrene	19.62	202	6286029	54.948	ng/ul 99
82) Benzo(a)anthracene	21.36	228	3365577	29.112	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.29	149	190545	2.423	ng/ul 99
84) Chrysene	21.42	228	3269120	30.474	ng/ul 98
87) Benzo(b)fluoranthene	22.97	252	4118434	33.977	ng/ul 98
88) Benzo(k)fluoranthene	23.02	252	1369361m	11.819	ng/ul
90) Benzo(a)pyrene	23.56	252	2830612	24.546	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.98	276	1857557	13.638	ng/ul 96
92) Dibenz(a,h)anthracene	25.98	278	522794	4.530	ng/ul# 82
93) Benzo(a,h,i)perylene	26.69	276	1419623	12.847	ng/ul 98

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

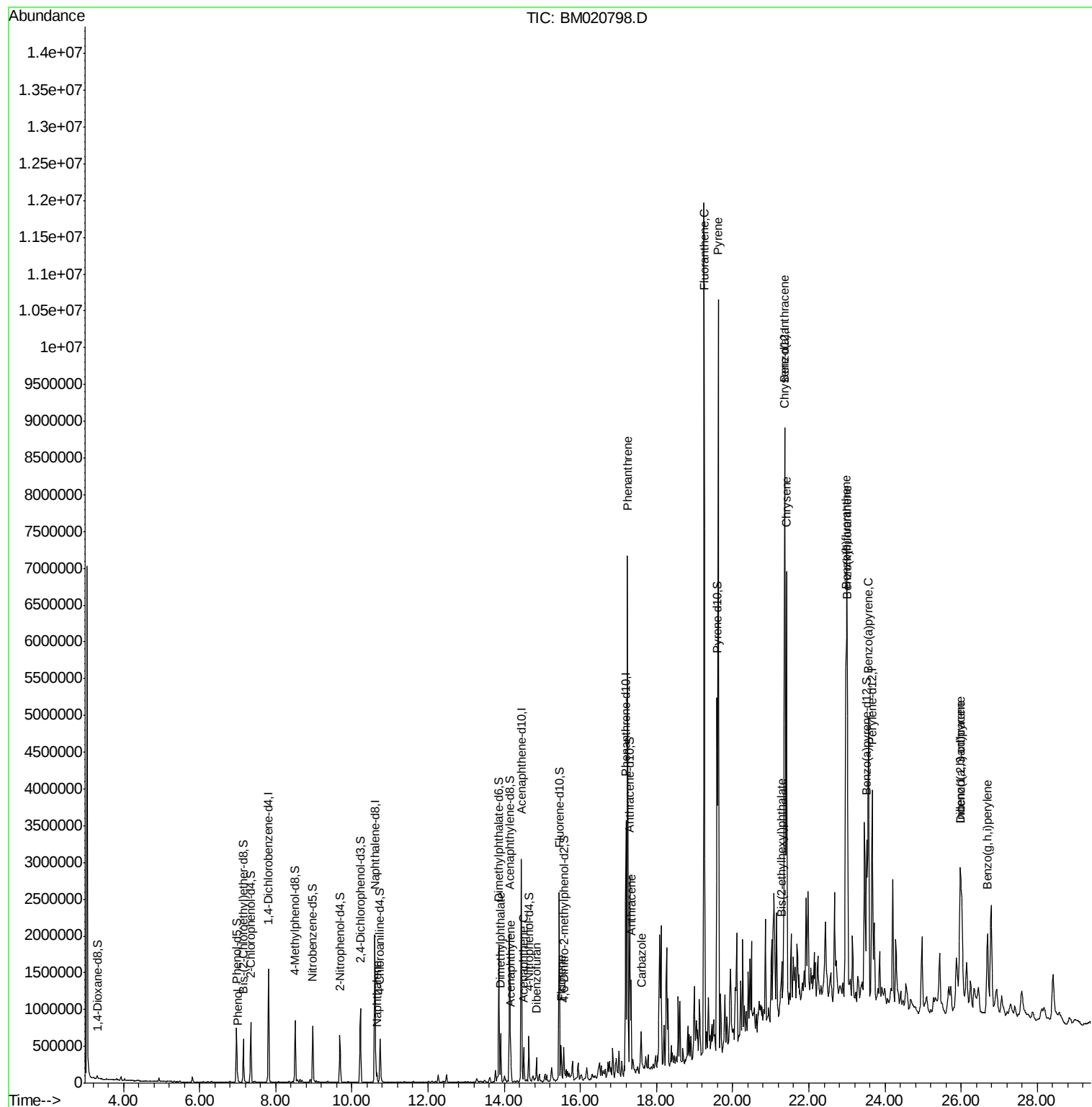
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
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Sample : K3201-14DL 2X
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ALS Vial : 6 Sample Multiplier: 1

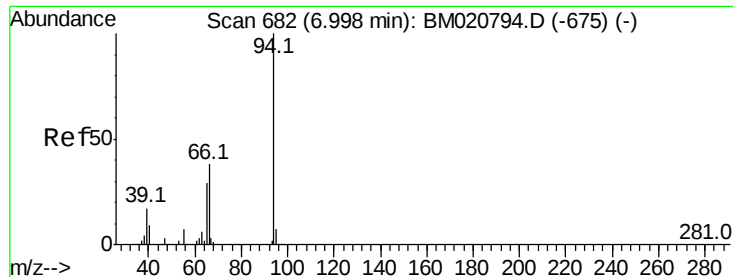
Instrument :
BNA_M
ClientSampled :
C0AC5DL

Quant Time: Jun 08 00:42:40 2019
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#6

Phenol

Concen: 1.010 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.00 min

Lab File: BM020798.D

Acq: 07 Jun 2019 11:28

Instrument :

BNA_M

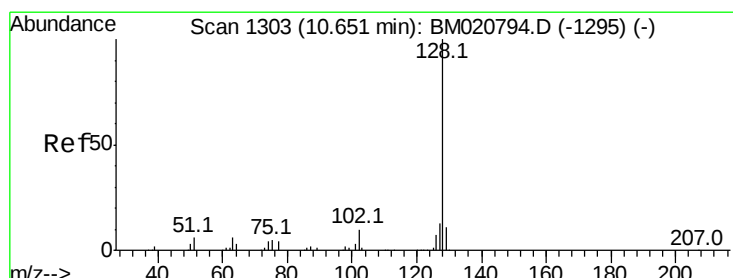
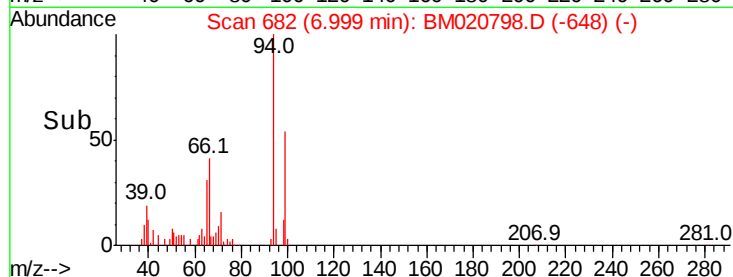
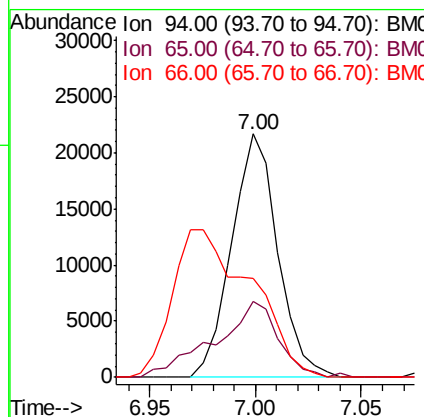
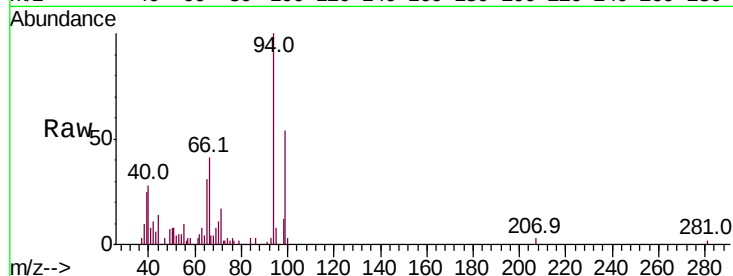
ClientSampleId :

C0AC5DL

Tot Ion:	94	Resp:	32761
Ion Ratio	Lower	Upper	
94	100		
65	31.4	23.3	34.9
66	40.7	32.1	48.1

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#28

Naphthalene

Concen: 1.400 ng/ul

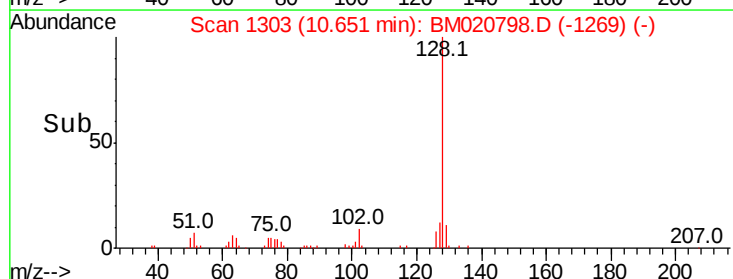
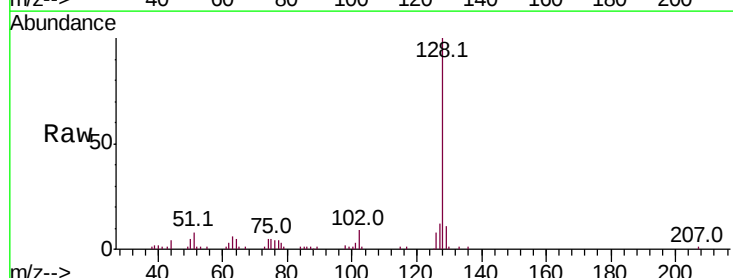
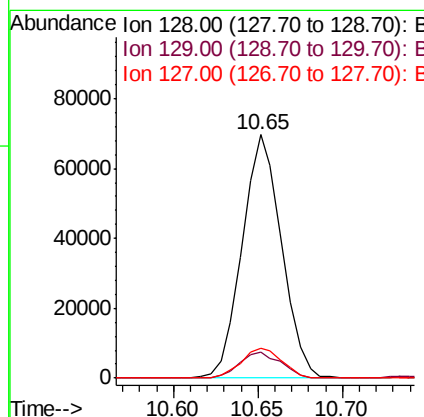
RT: 10.65 min Scan# 1303

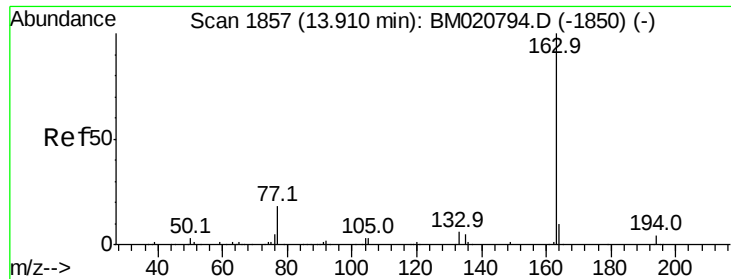
Delta R.T. 0.00 min

Lab File: BM020798.D

Acq: 07 Jun 2019 11:28

Tgt Ion:	128	Resp:	112960
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	13.0
127	12.2	10.2	15.2





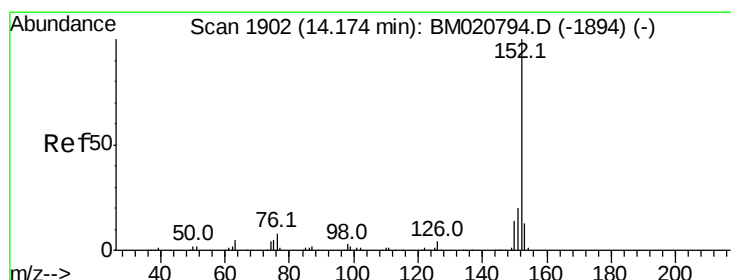
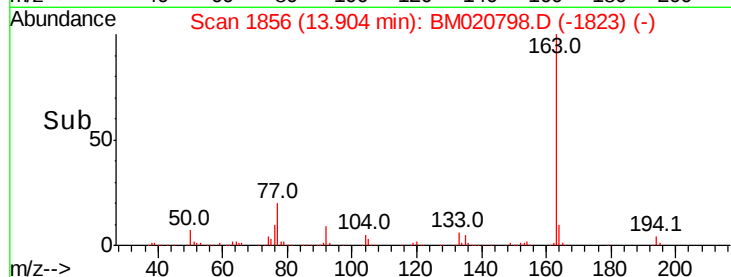
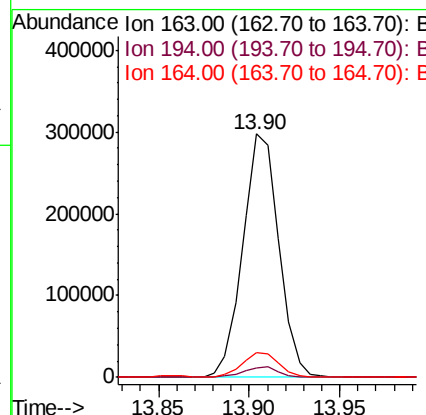
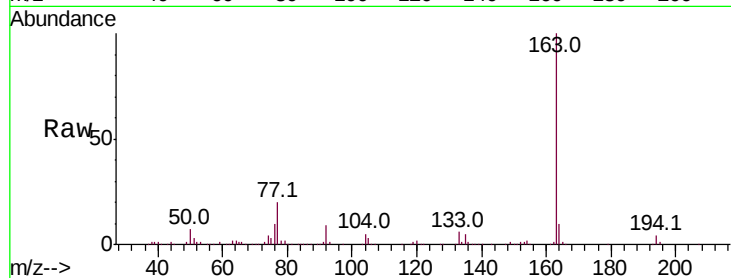
#44
Dimethylphthalate
Concen: 5.601 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020798.D
Acq: 07 Jun 2019 11:28

Instrument :
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C0AC5DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	410429		
194	4.0		3.2	4.8
164	10.3		8.0	12.0

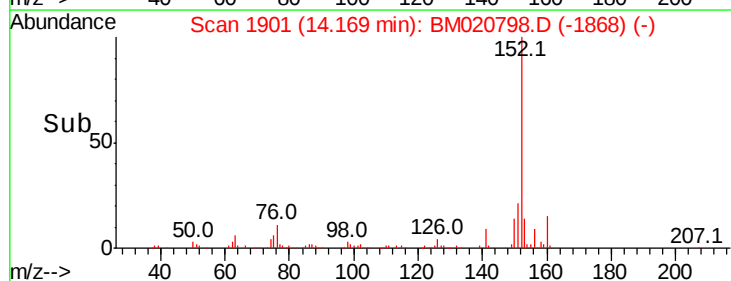
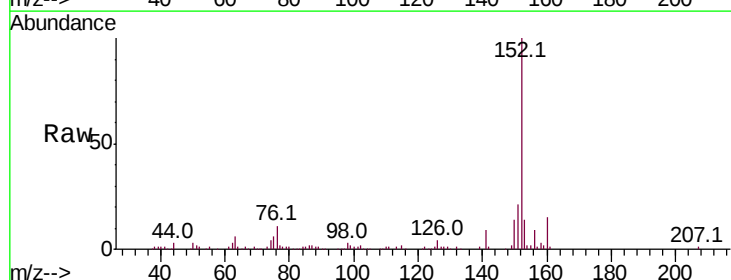
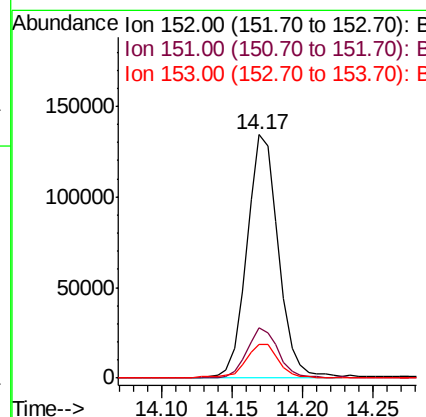
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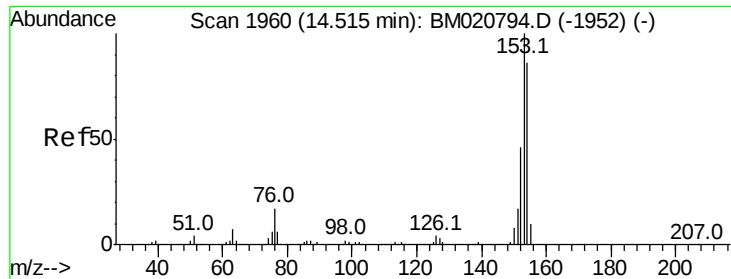
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#47
Acenaphthylene
Concen: 2.342 ng/ul
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM020798.D
Acq: 07 Jun 2019 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	210309		
151	20.6		16.2	24.2
153	14.0		10.6	15.8





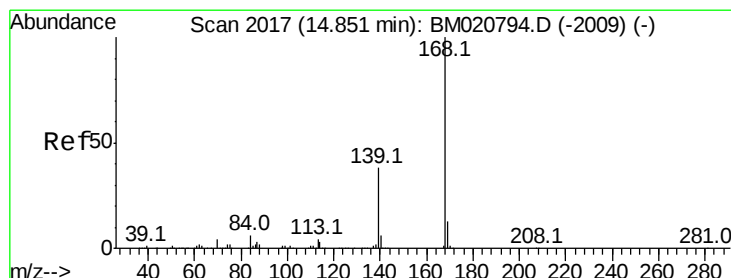
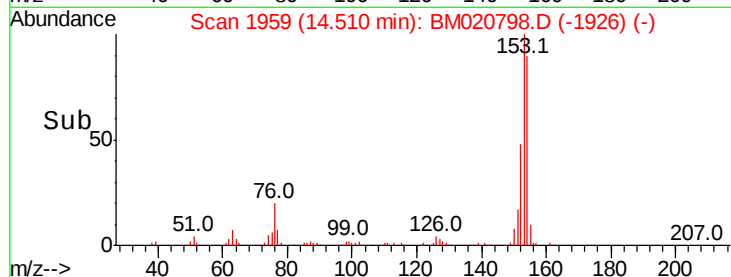
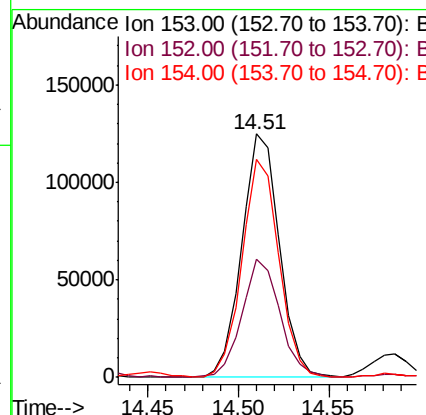
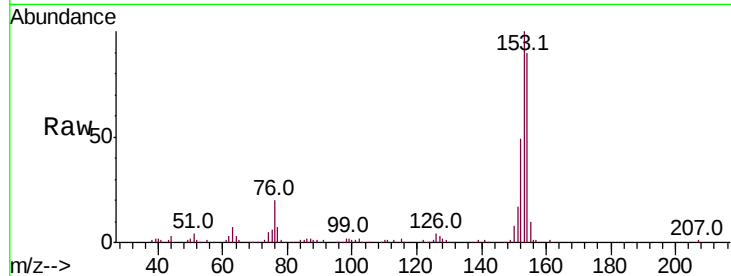
#49
Acenaphthene
Concen: 2.882 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM020798.D
Acq: 07 Jun 2019 11:28

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

Tot Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.3	55.9
154	89.6	68.7	103.1

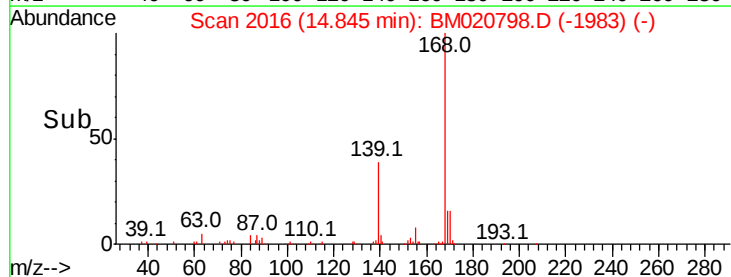
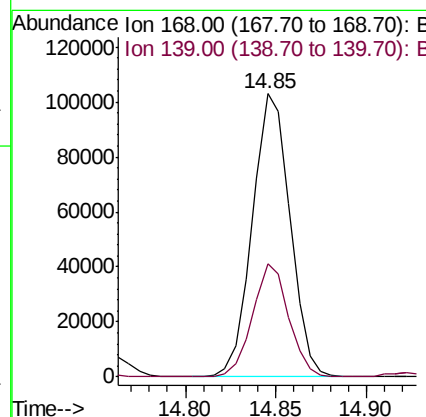
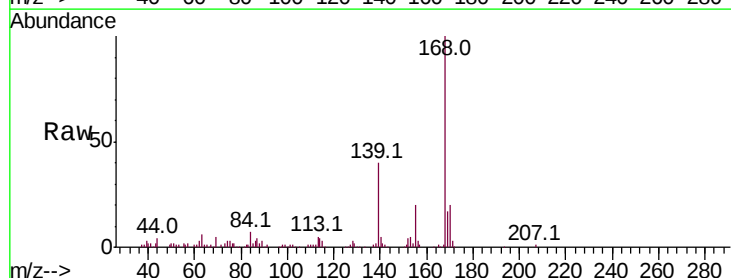
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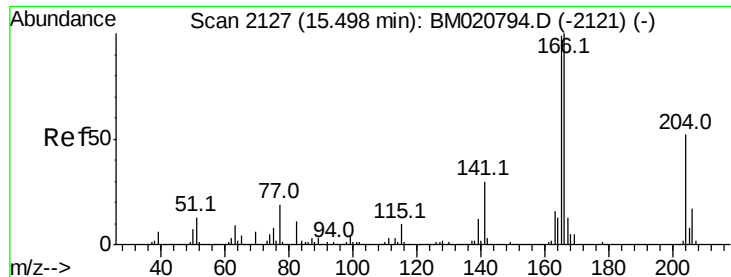
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#53
Dibenzofuran
Concen: 1.682 ng/ul
RT: 14.85 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM020798.D
Acq: 07 Jun 2019 11:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.4	45.6





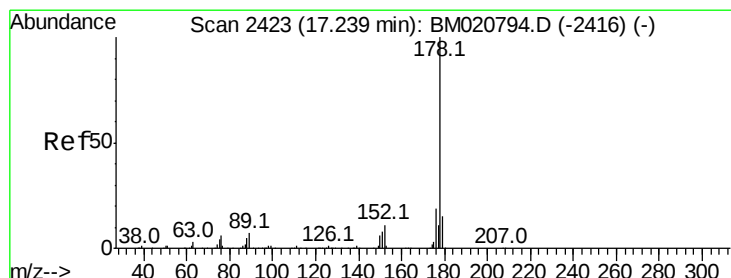
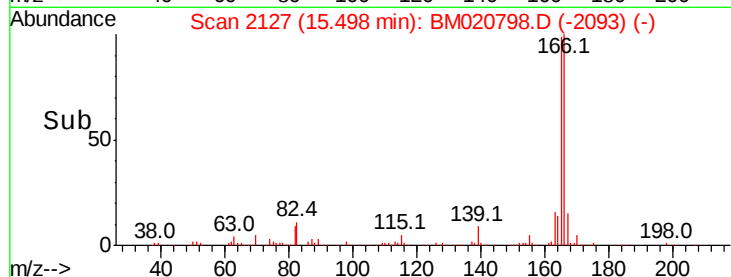
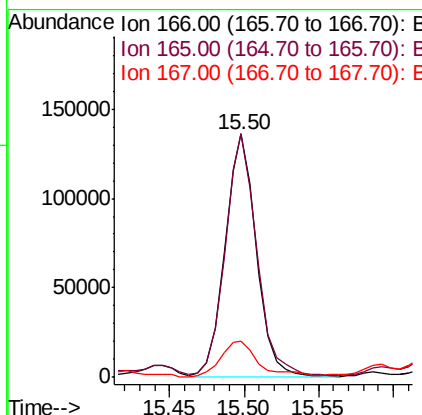
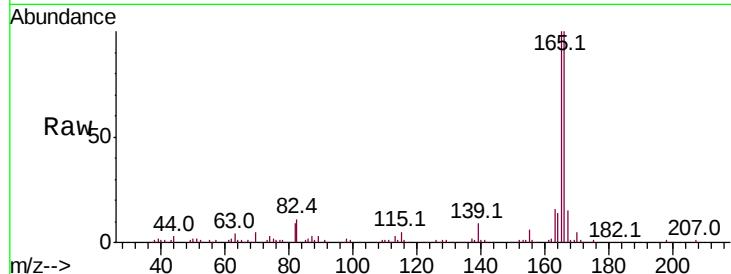
#58
Fluorene
 Concen: 2.769 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BM020798.D
 Acq: 07 Jun 2019 11:28

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	197069		
165	99.9	78.6	117.8	
167	15.1	10.8	16.2	

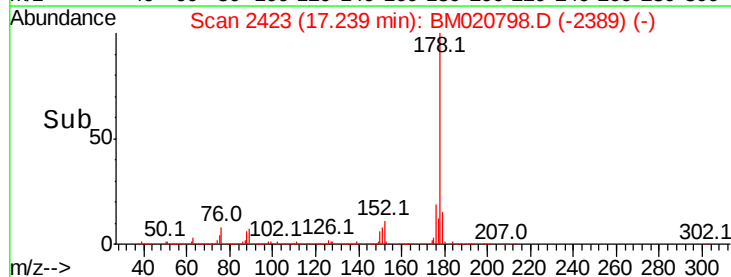
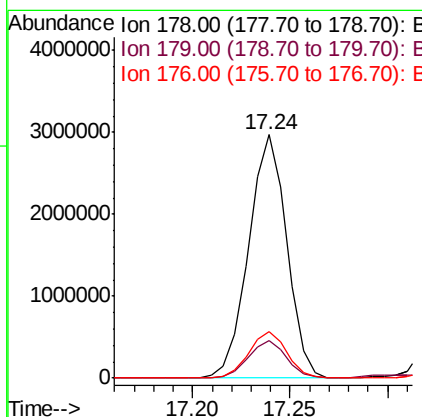
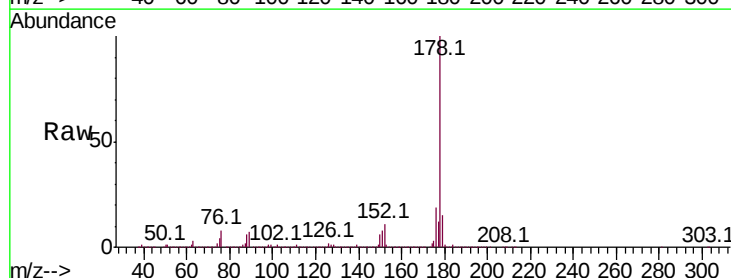
Manual Integrations
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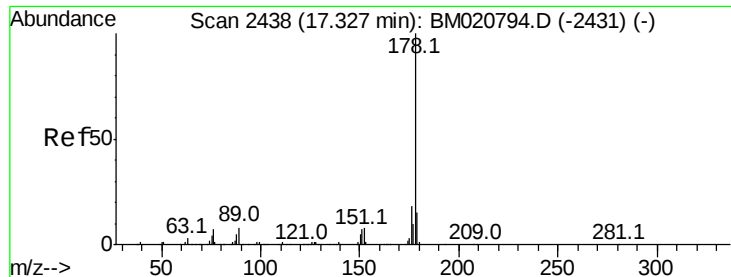
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#69
Phenanthrene
 Concen: 37.778 ng/ul
 RT: 17.24 min Scan# 2423
 Delta R.T. 0.00 min
 Lab File: BM020798.D
 Acq: 07 Jun 2019 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	4013371		
179	15.5	12.3	18.5	
176	19.3	14.8	22.2	





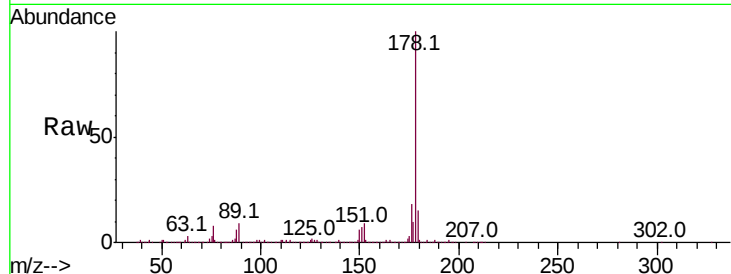
#71
 Anthracene
 Concen: 7.179 ng/ul
 RT: 17.33 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: BM020798.D
 Acq: 07 Jun 2019 11:28

Instrument :
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 ClientSampleId :
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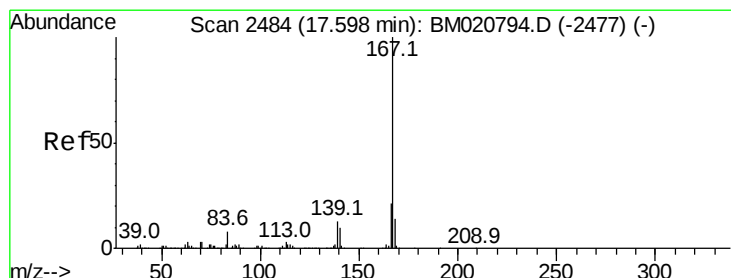
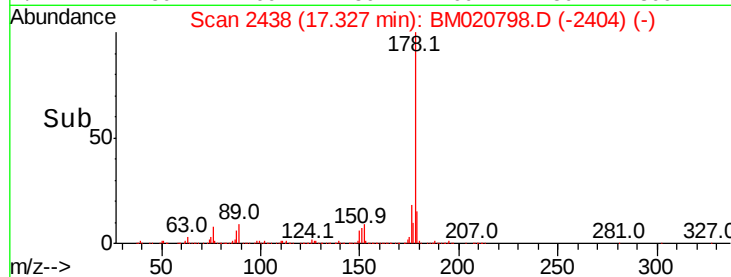
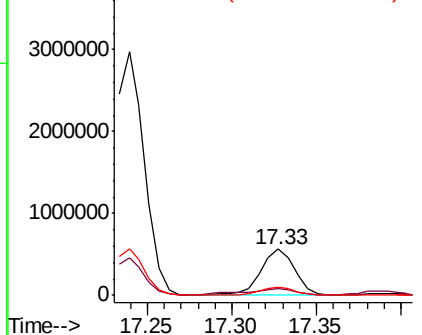
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Ion Ratio	Lower	Upper
178	100	
179	15.4	12.1 18.1
176	18.1	14.9 22.3

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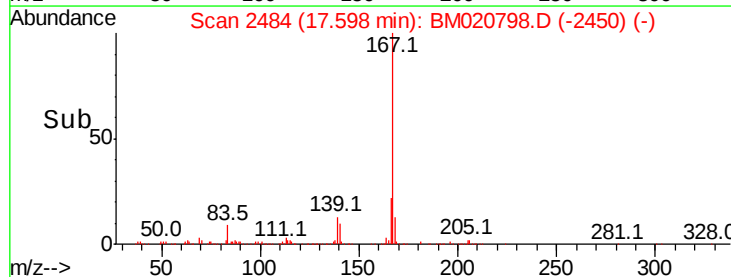
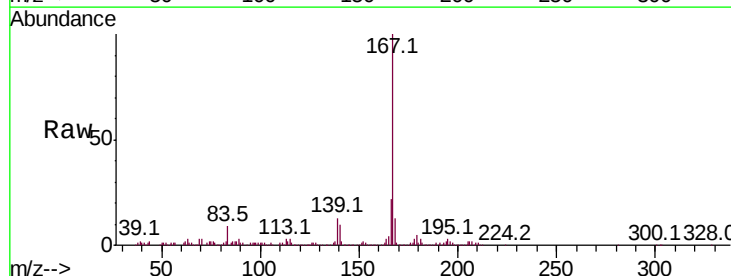
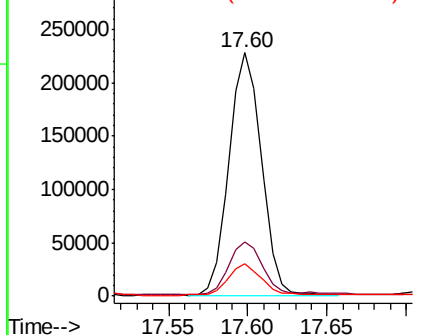
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

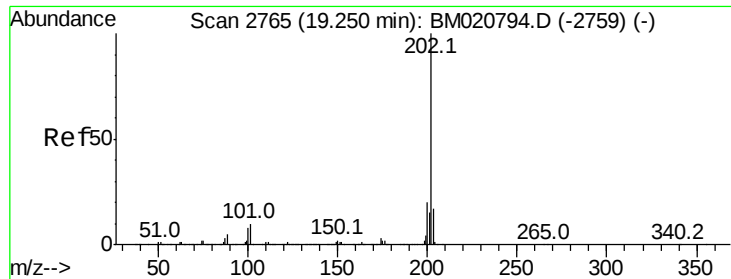


#74
 Carbazole
 Concen: 3.392 ng/ul
 RT: 17.60 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM020798.D
 Acq: 07 Jun 2019 11:28

Tgt Ion:167	Resp:	321261
Ion Ratio	Lower	Upper
167	100	
166	22.3	17.0 25.6
139	13.3	10.5 15.7

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





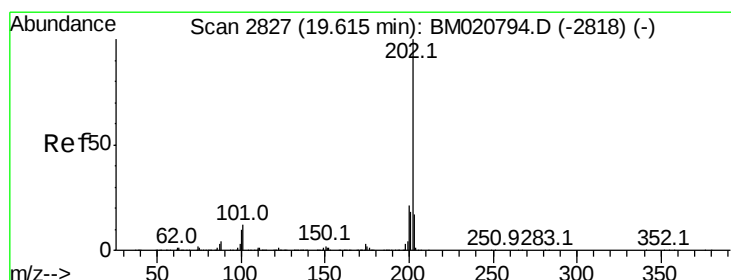
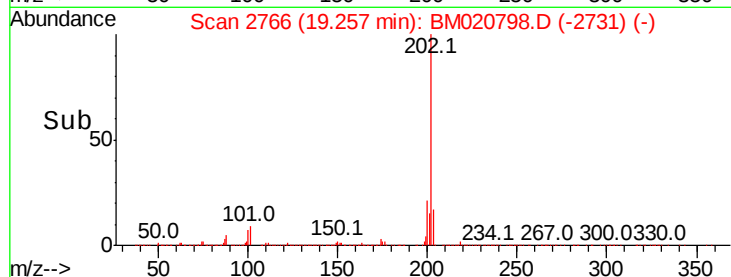
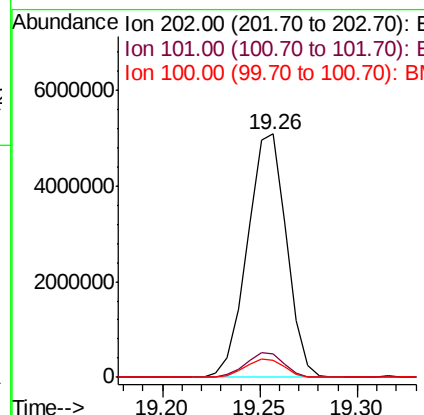
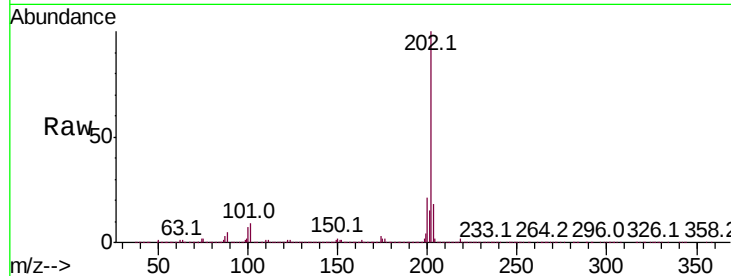
#76
 Fluoranthene
 Concen: 57.852 ng/ul
 RT: 19.26 min Scan# 2766
 Delta R.T. 0.01 min
 Lab File: BM020798.D
 Acq: 07 Jun 2019 11:28

Instrument :
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 C0AC5DL

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

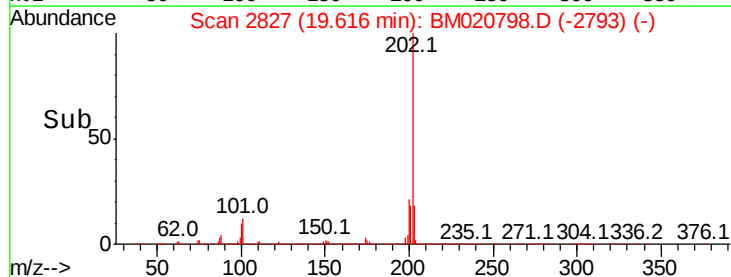
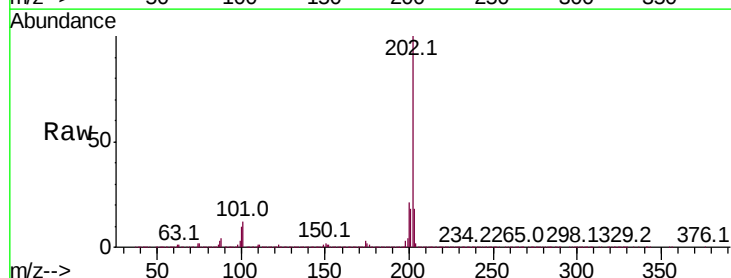
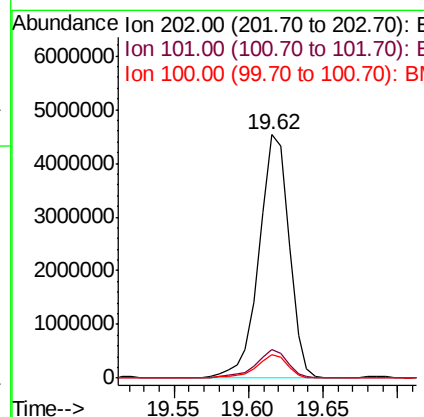
Manual Integrations
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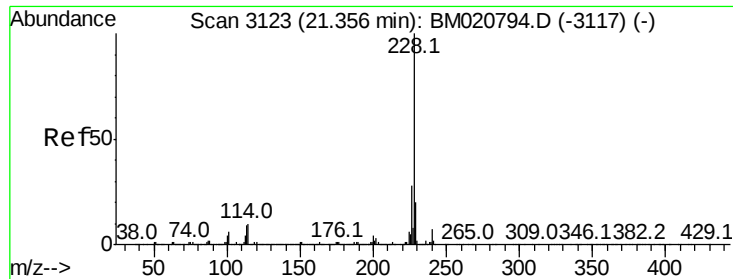
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#79
 Pyrene
 Concen: 54.948 ng/ul
 RT: 19.62 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: BM020798.D
 Acq: 07 Jun 2019 11:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.8	14.6
100	9.6	8.0	12.0





#82

Benzo(a)anthracene

Concen: 29.112 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM020798.D

Acq: 07 Jun 2019 11:28

Instrument :

BNA_M

ClientSampleId :

C0AC5DL

Tot Ion:228 Resp: 3365577

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	28.7	21.4	32.2

228 100

229 20.7 15.6 23.4

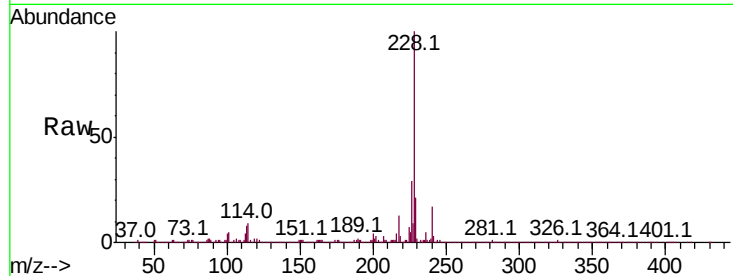
226 28.7 21.4 32.2

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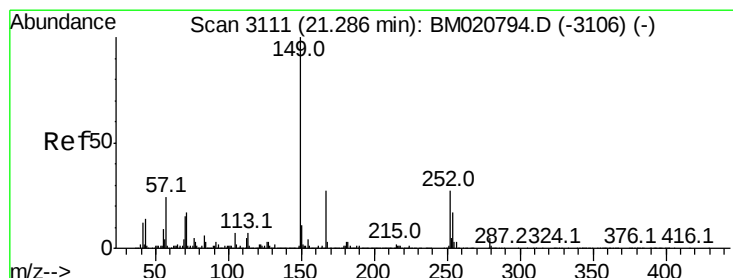
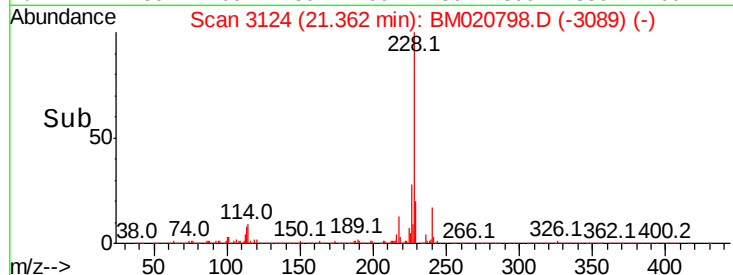
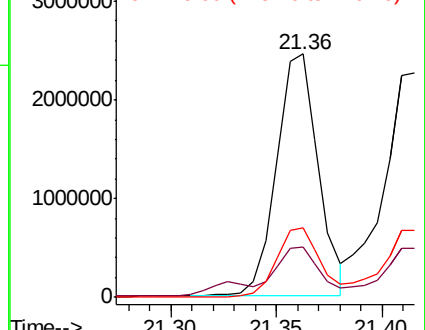


Abundance

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: 2.423 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM020798.D

Acq: 07 Jun 2019 11:28

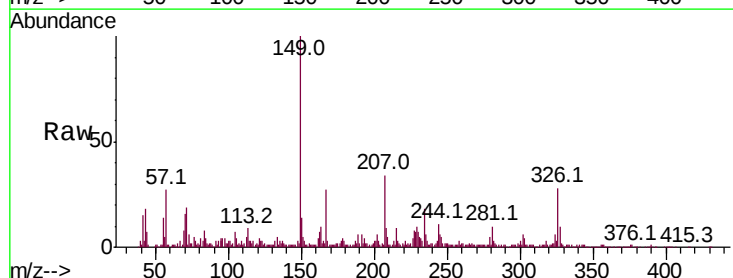
Tgt Ion:149 Resp: 190545

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.9	32.9
279	4.5	4.1	6.1

149 100

167 27.1 21.9 32.9

279 4.5 4.1 6.1

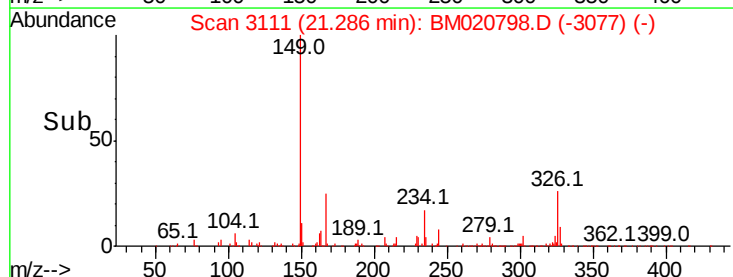
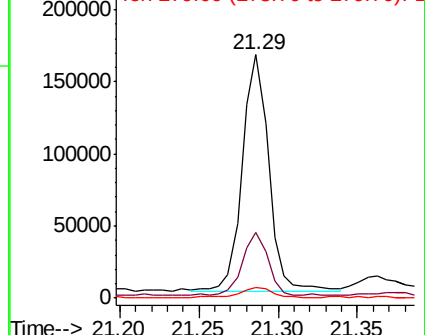


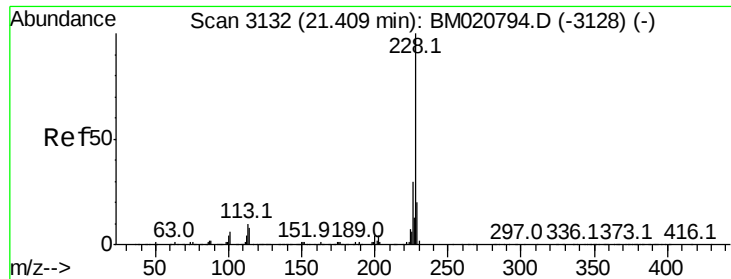
Abundance

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: 30.474 ng/ul

RT: 21.42 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BM020798.D

Acq: 07 Jun 2019 11:28

Instrument :

BNA_M

ClientSampleId :

C0AC5DL

Tot Ion:228 Resp: 3269120

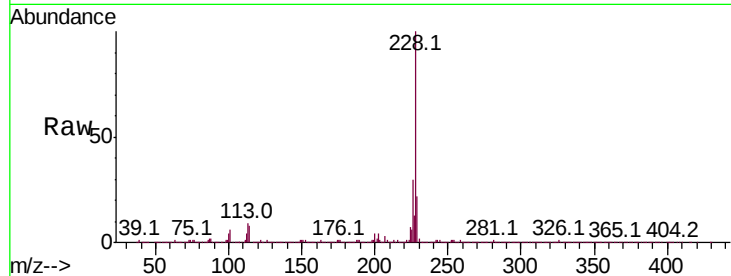
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	22.1	16.2	24.2

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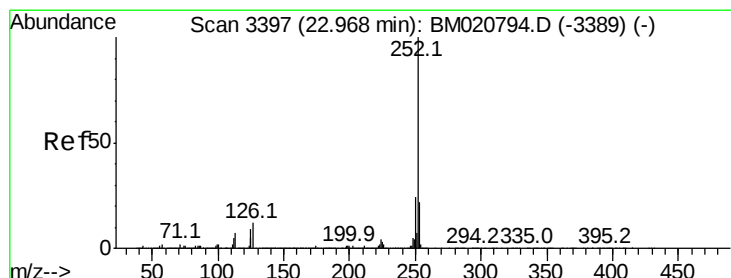
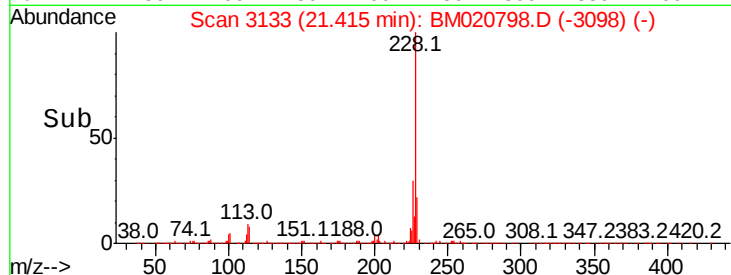
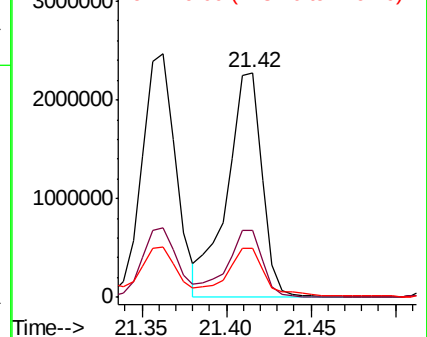


Abundance

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: 33.977 ng/ul

RT: 22.97 min Scan# 3398

Delta R.T. 0.01 min

Lab File: BM020798.D

Acq: 07 Jun 2019 11:28

Tgt Ion:252 Resp: 4118434

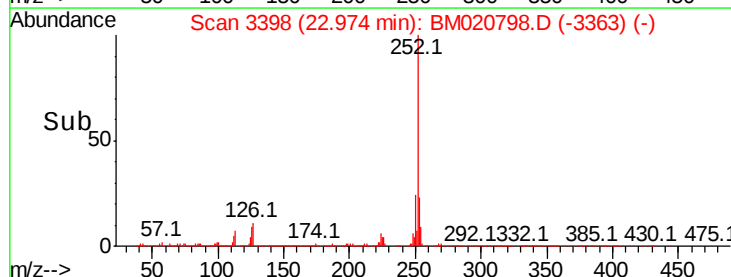
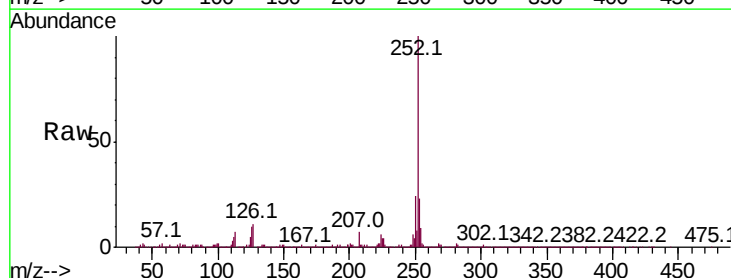
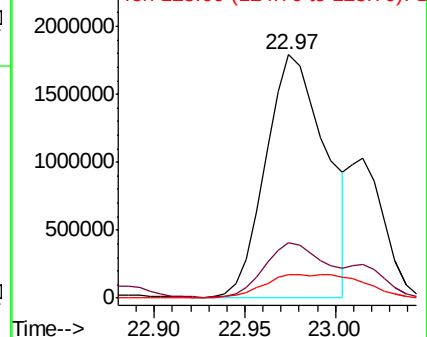
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.6	7.3	10.9

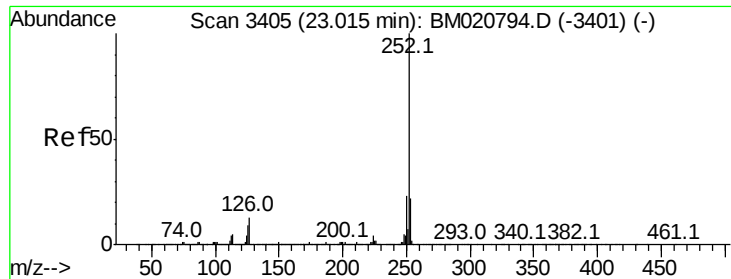
Abundance

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: 11.819 ng/ul m

RT: 23.02 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BM020798.D

Acq: 07 Jun 2019 11:28

Instrument :

BNA_M

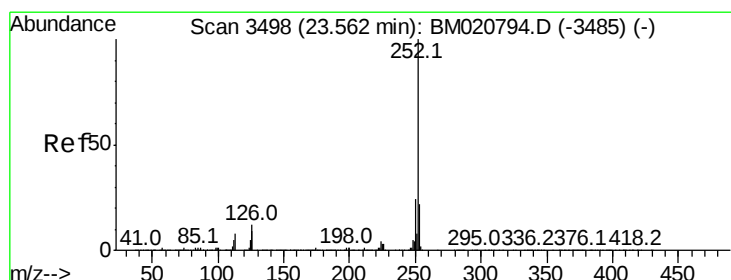
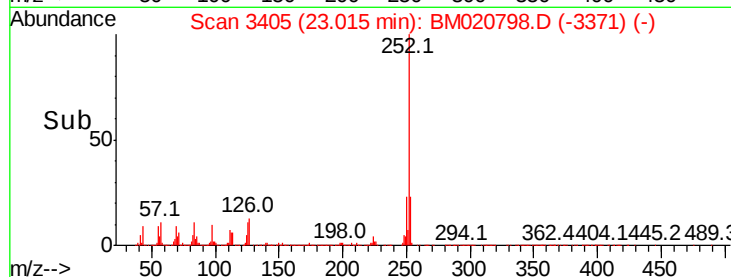
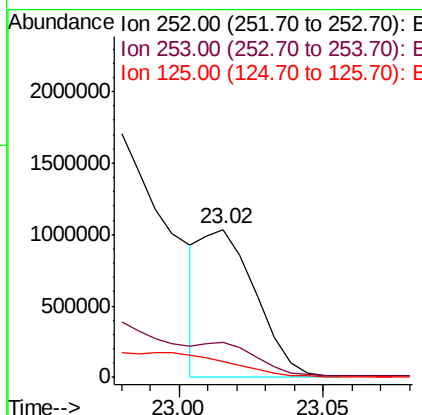
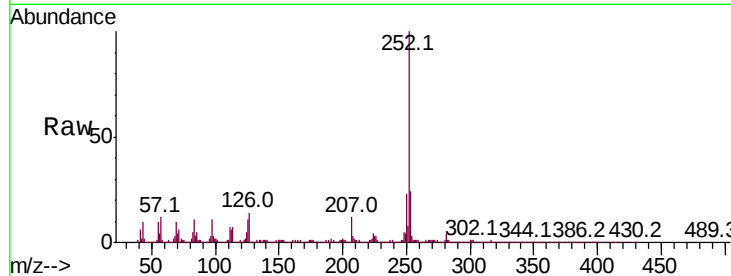
ClientSampleId :

C0AC5DL

Tot Ion:	252	Resp:	1369361
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	11.1	7.3	10.9#

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#90

Benzo(a)pyrene

Concen: 24.546 ng/ul

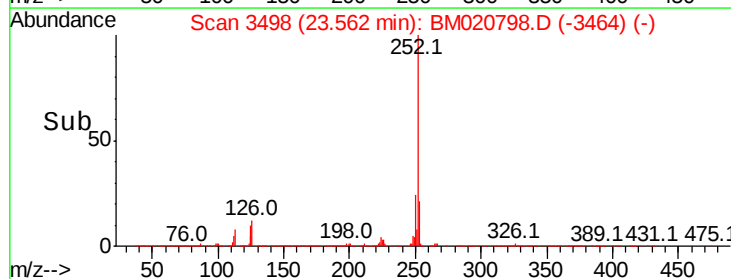
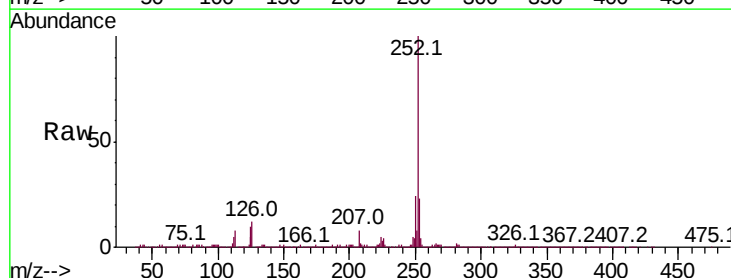
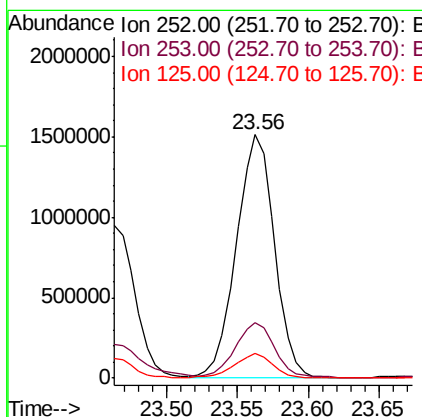
RT: 23.56 min Scan# 3498

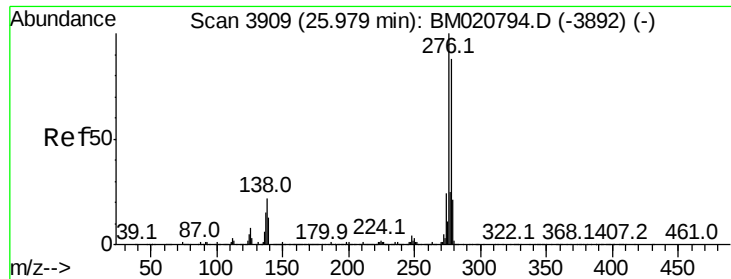
Delta R.T. 0.00 min

Lab File: BM020798.D

Acq: 07 Jun 2019 11:28

Tgt Ion:	252	Resp:	2830612
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	10.1	8.2	12.4





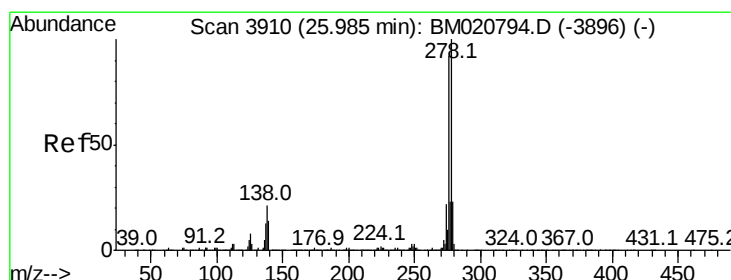
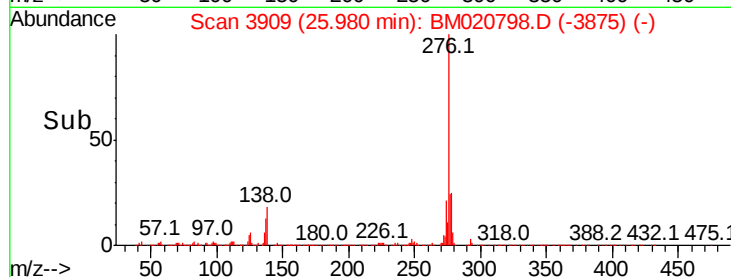
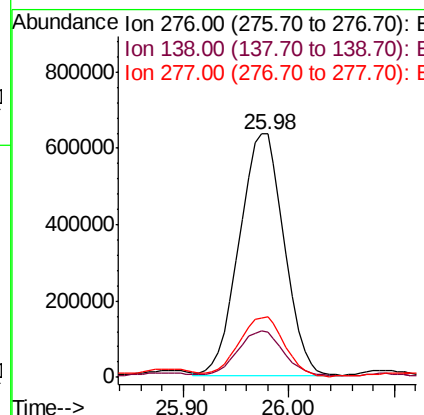
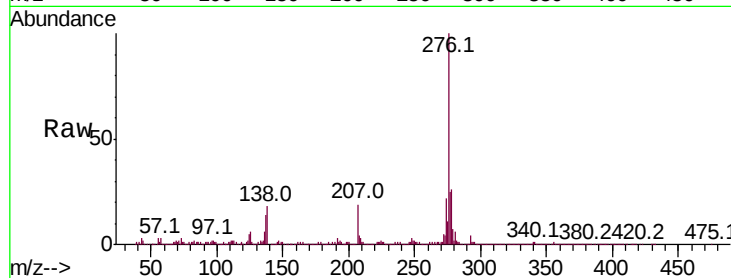
#91
Indeno(1,2,3-cd)pyrene
Concen: 13.638 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BM020798.D
Acq: 07 Jun 2019 11:28

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	17.8	26.8
277	25.0	20.0	30.0

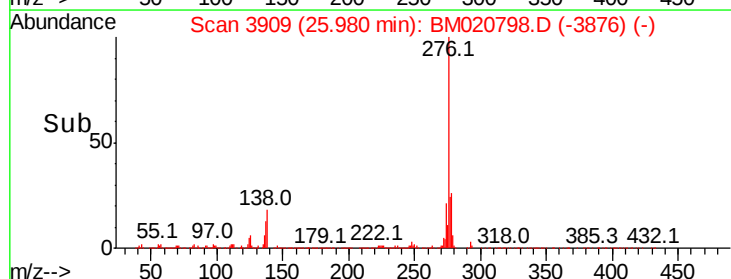
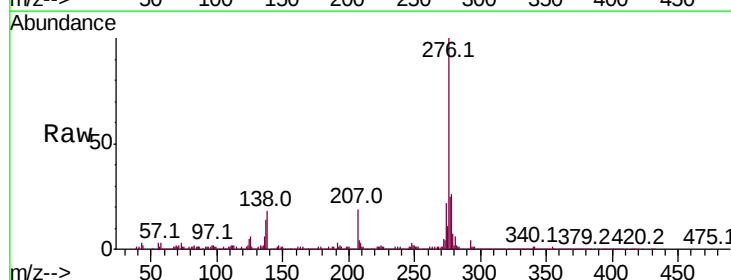
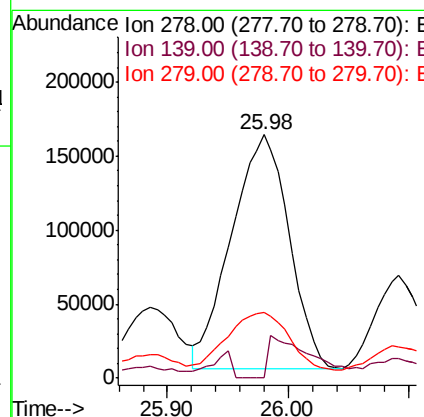
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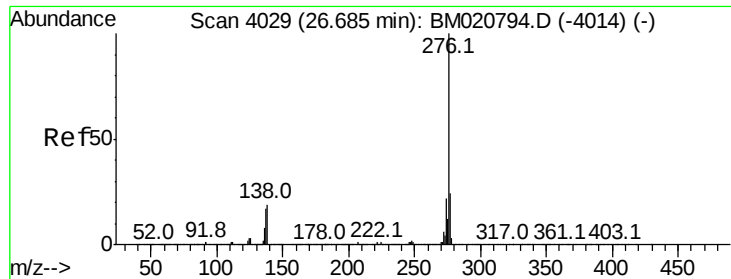
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#92
Dibenzo(a,h)anthracene
Concen: 4.530 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM020798.D
Acq: 07 Jun 2019 11:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	26.9	18.6	28.0





#93
 Benzo(a,h,i)perylene
 Concen: 12.847 ng/ul
 RT: 26.69 min Scan# 4030
 Delta R.T. 0.01 min
 Lab File: BM020798.D
 Acq: 07 Jun 2019 11:28

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	16.6	25.0
277	24.6	19.6	29.4

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