Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026072.D
Acq On : 22 May 2020 00:22
Operator : MA/SJ
Sample : L2725-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B23

Manual Integrations APPROVED
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Quant Time: May 22 05:29:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	158526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	689697	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	431871	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	957377	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1031104	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1018062	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	21421	4.08	ng/uL	0.00
5) Phenol-d5	6.69	99	112831	7.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	260933	26.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	277008	24.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	204315	18.85	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	152098	27.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	167737	30.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	330164	29.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	7958	0.70	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	1025051	29.60	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1211622	29.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	48783	7.95	ng/ul	0.02
58) Fluorene-d10	15.14	176	898589	29.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	163885	29.36	ng/ul	0.00
71) Anthracene-d10	16.99	188	1433511	30.39	ng/ul	0.00
79) Pyrene-d10	19.29	212	1642582	31.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1511869	27.90	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	7.95	108	114194	10.28	ng/ul	100
16) 4-Methylphenol	8.27	108	493383	40.84	ng/ul	89
24) 2,4-Dimethylphenol	9.46	107	321433m	20.81	ng/ul	
28) Naphthalene	10.32	128	14526426	344.48	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	80022	2.82	ng/ul	92
41) 1,1'-Biphenyl	12.96	154	135438	3.53	ng/ul	98
48) Acenaphthylene	13.86	152	49671	1.10	ng/ul#	89
50) Acenaphthene	14.20	153	740037	23.29	ng/ul	98
54) Dibenzofuran	14.55	168	455453	10.20	ng/ul	99
59) Fluorene	15.20	166	372443	10.31	ng/ul	100
70) Phenanthrene	16.93	178	617612	10.24	ng/ul	100
72) Anthracene	17.02	178	75093	1.24	ng/ul	98
75) Carbazole	17.30	167	1486256	29.69	ng/ul	100
77) Fluoranthene	18.96	202	63748	1.01	ng/ul#	95

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026072.D
Acq On : 22 May 2020 00:22
Operator : MA/SJ
Sample : L2725-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 22 05:29:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9B23

Manual Integrations APPROVED
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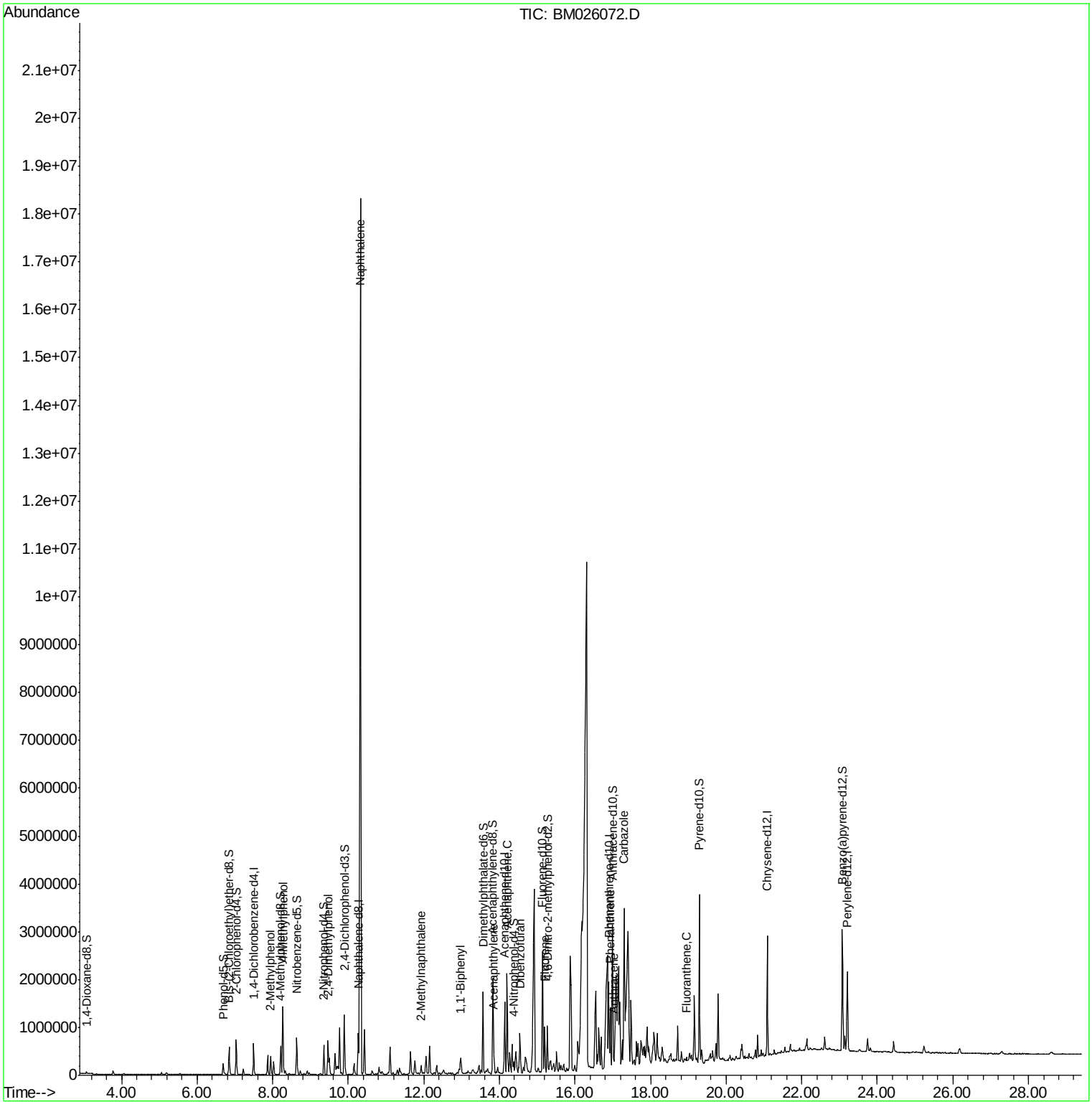
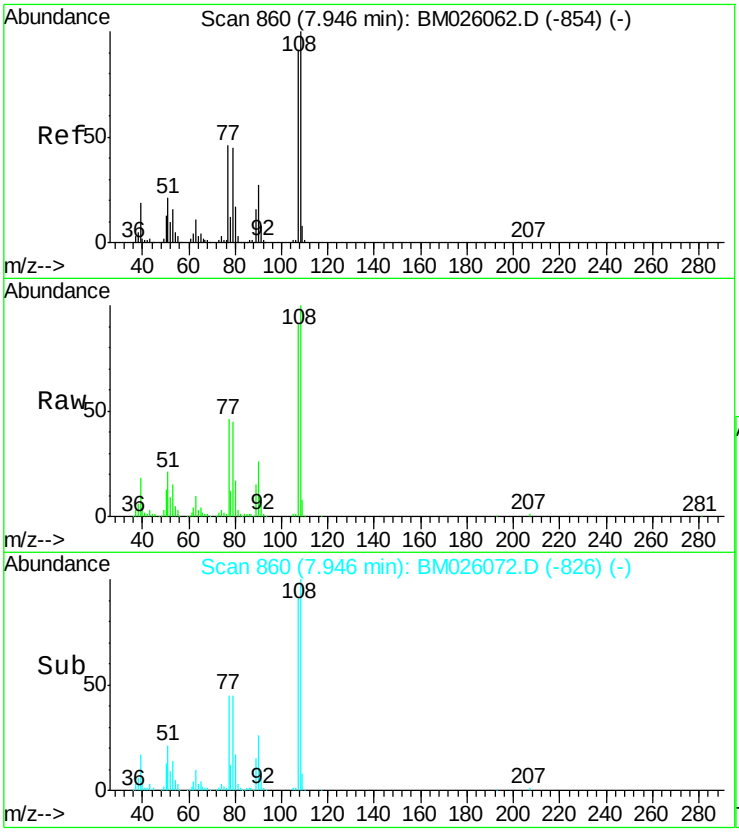
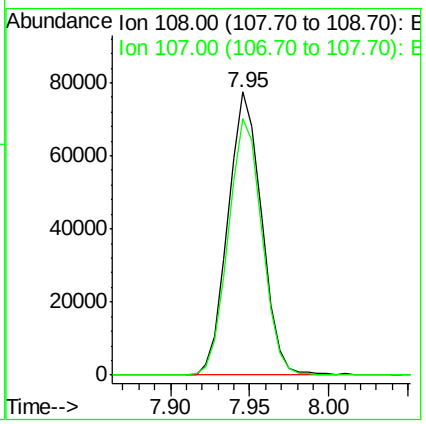




#11
2-Methylphenol
Concen: 10.28 ng/ul
RT: 7.95 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:108 Resp: 114194

Ion	Ratio	Lower	Upper
108	100		
107	90.6	72.3	108.5



Instrument :
BNA_M
ClientSampleId :
F9B23

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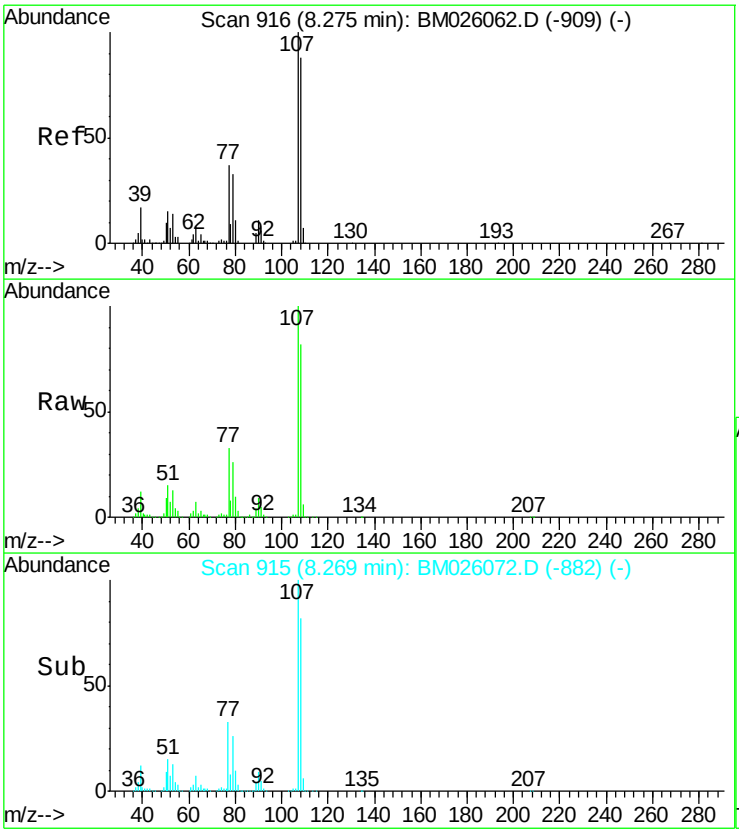
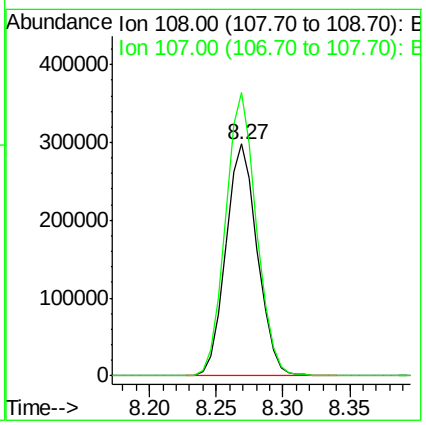
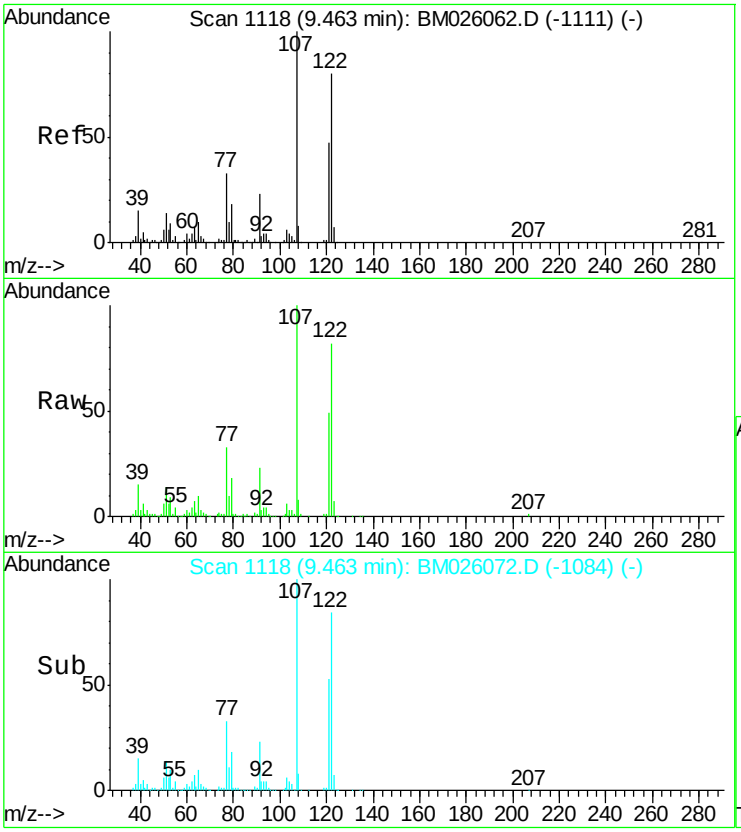


#16
4-Methylphenol
Concen: 40.84 ng/ul
RT: 8.27 min Scan# 915
Delta R.T. -0.01 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:108 Resp: 493383

Ion	Ratio	Lower	Upper
108	100		
107	122.2	88.6	132.8

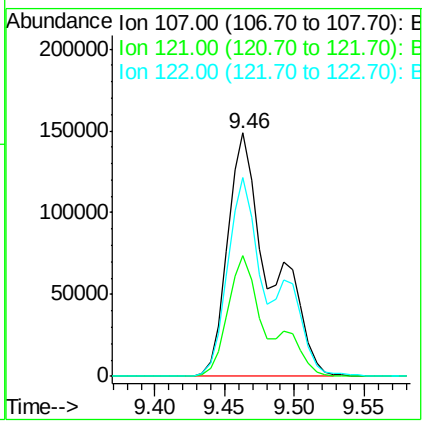




#24
2,4-Dimethylphenol
Concen: 20.81 ng/ul m
RT: 9.46 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:107 Resp: 321433

Ion	Ratio	Lower	Upper
107	100		
121	49.4	37.5	56.3
122	81.6	63.8	95.6



Instrument :
BNA_M
ClientSampleId :
F9B23

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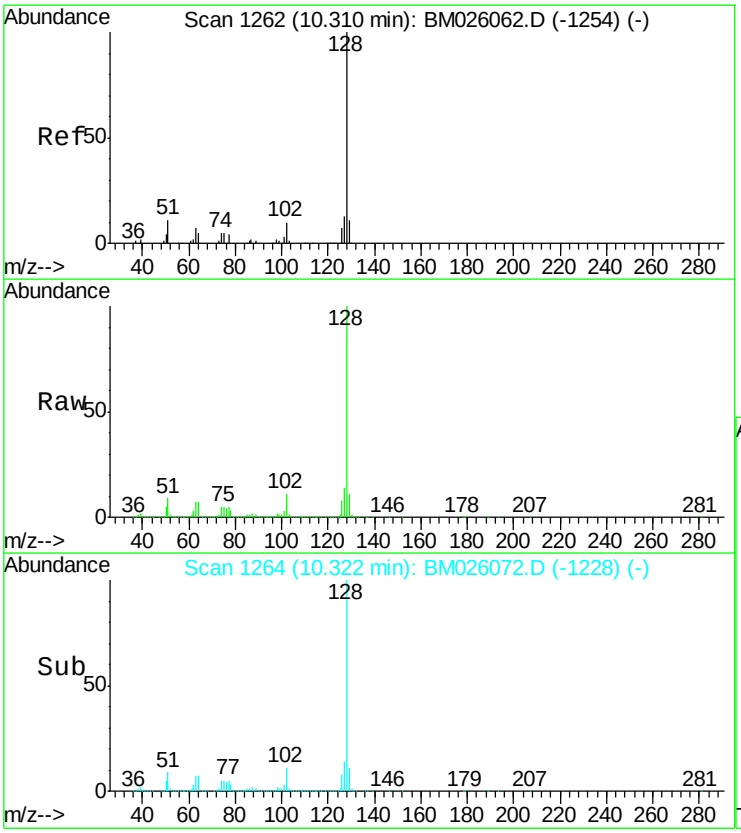
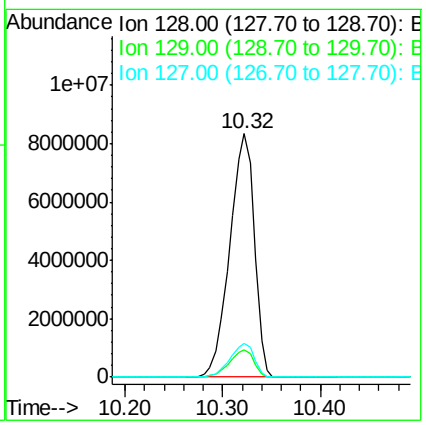
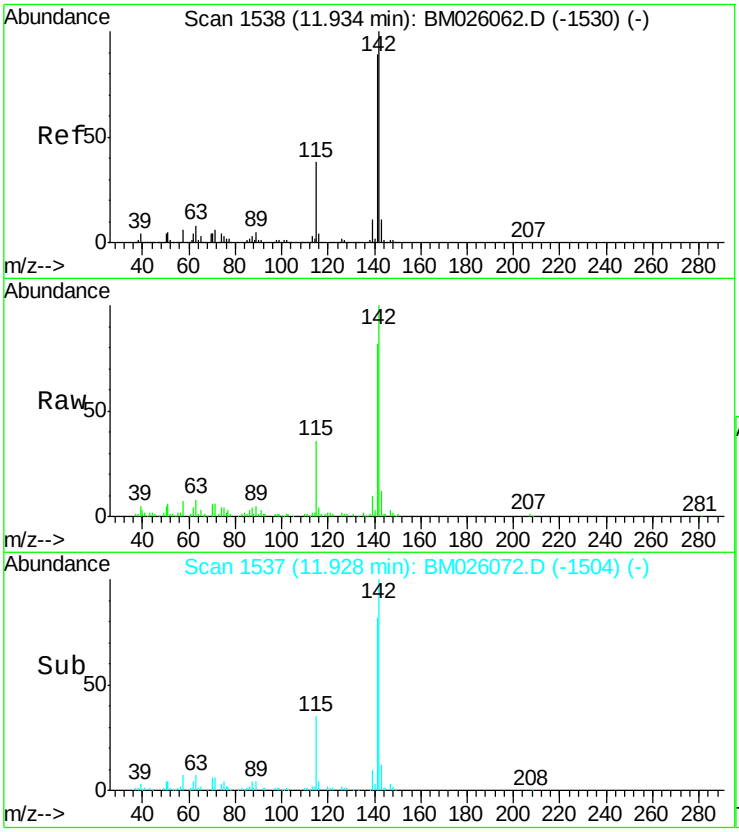


#28
Naphthalene
Concen: 344.48 ng/ul
RT: 10.32 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:128 Resp:14526426

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	14.0	10.6	15.8





#34
2-Methylnaphthalene
Concen: 2.82 ng/ul
RT: 11.93 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:142 Resp: 80022

Ion	Ratio	Lower	Upper
142	100		
141	81.7	71.8	107.6

Instrument :
BNA_M
ClientSampleId :
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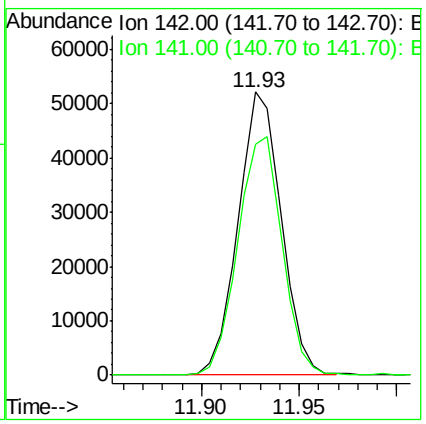
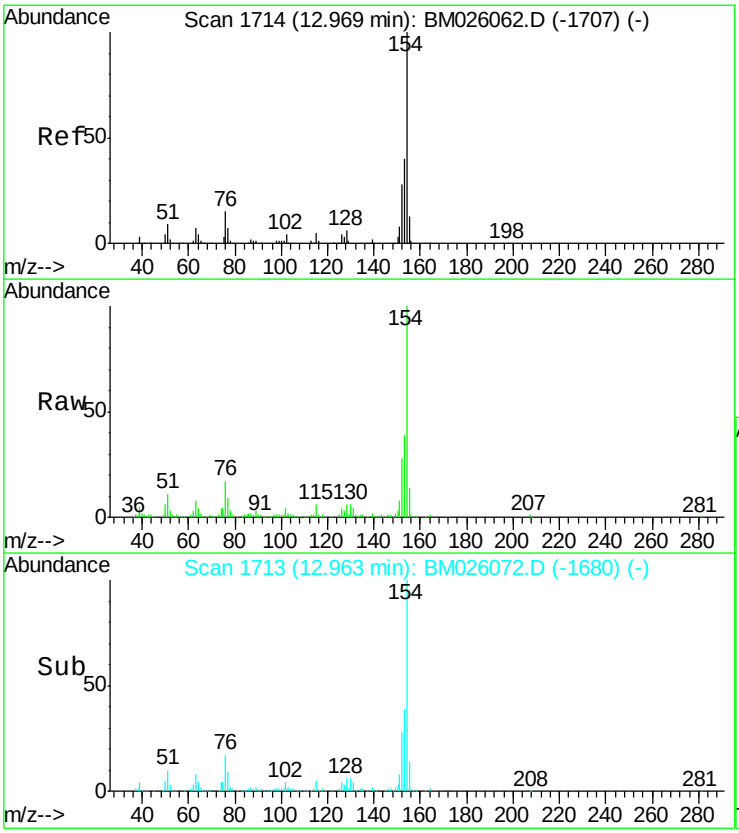
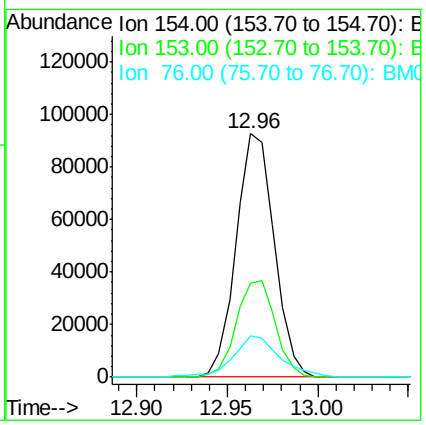


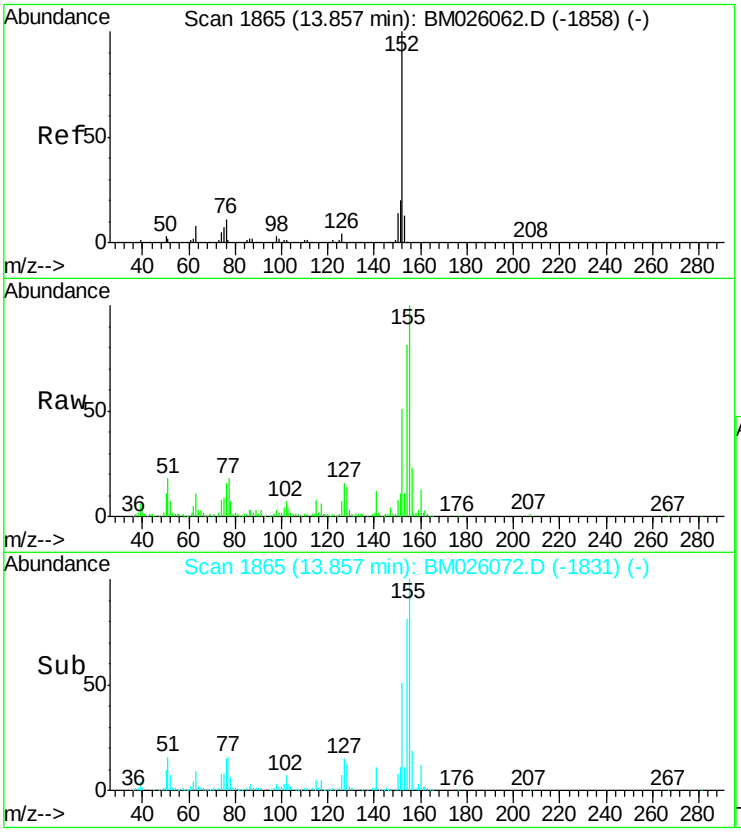


#41
1,1'-Biphenyl
Concen: 3.53 ng/ul
RT: 12.96 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:154 Resp: 135438

Ion	Ratio	Lower	Upper
154	100		
153	38.7	32.3	48.5
76	16.9	13.0	19.6

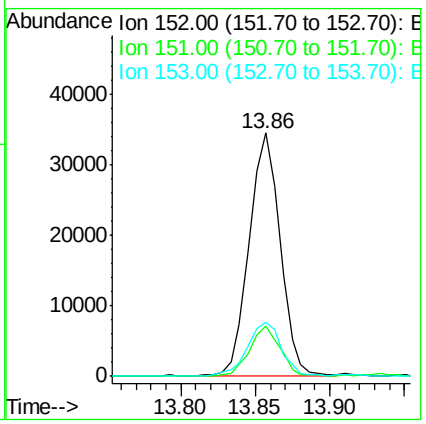




#48
Acenaphthylene
Concen: 1.10 ng/ul
RT: 13.86 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:152 Resp: 49671

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	22.3	10.2	15.2#



Instrument :
BNA_M
ClientSampleId :
F9B23

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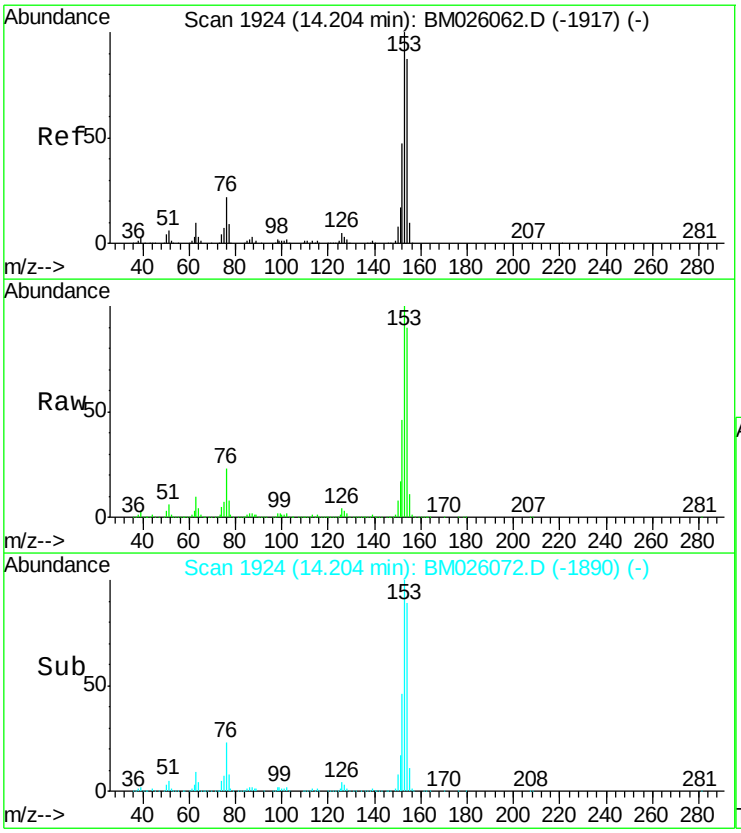
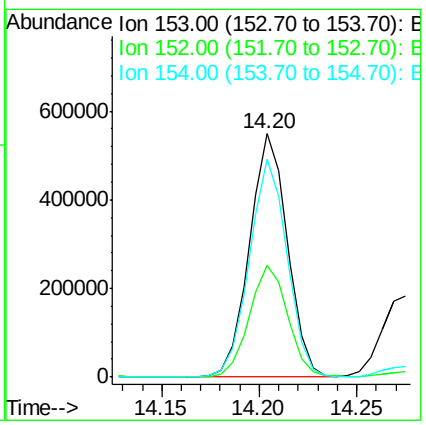
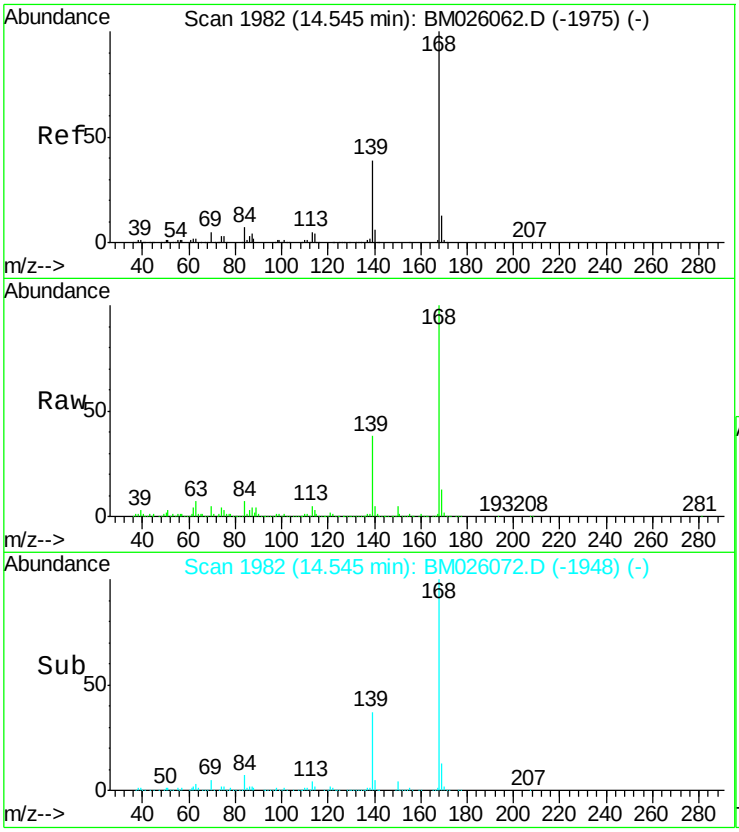


#50
Acenaphthene
Concen: 23.29 ng/ul
RT: 14.20 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:153 Resp: 740037

Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.2	55.8
154	89.5	69.8	104.8





#54
Dibenzofuran
Concen: 10.20 ng/ul
RT: 14.55 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:168 Resp: 455453

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.7	46.1

Instrument :
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ClientSampleId :
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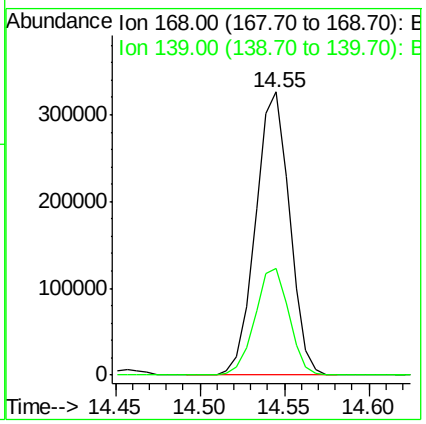
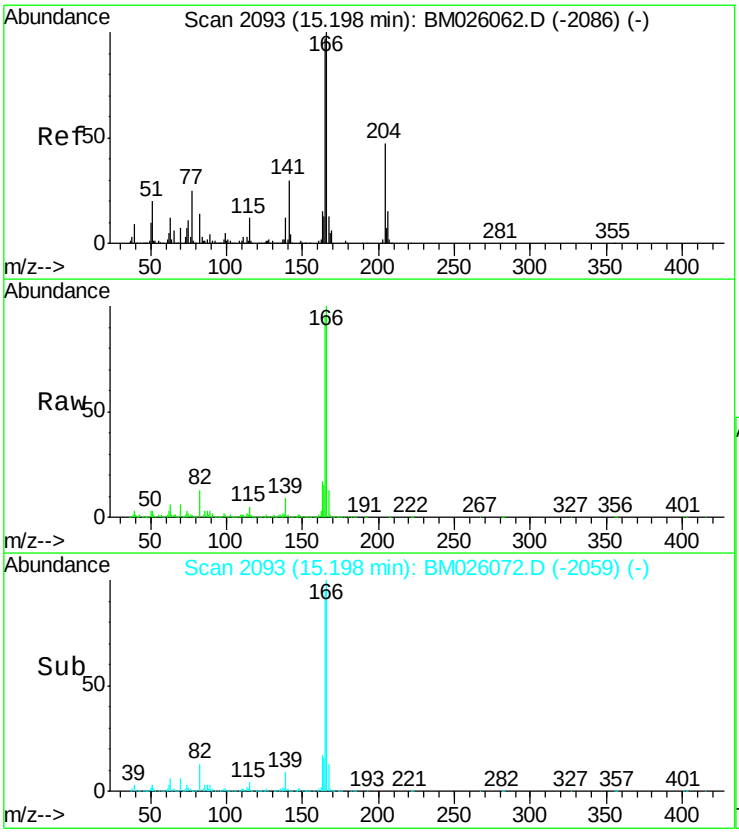
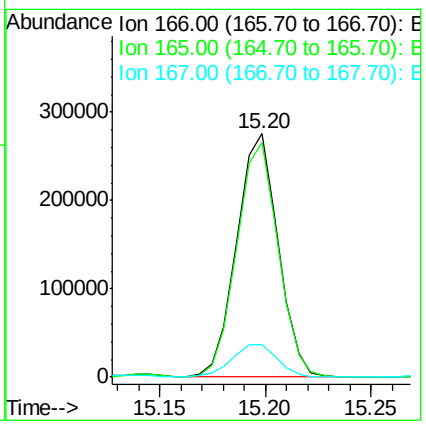


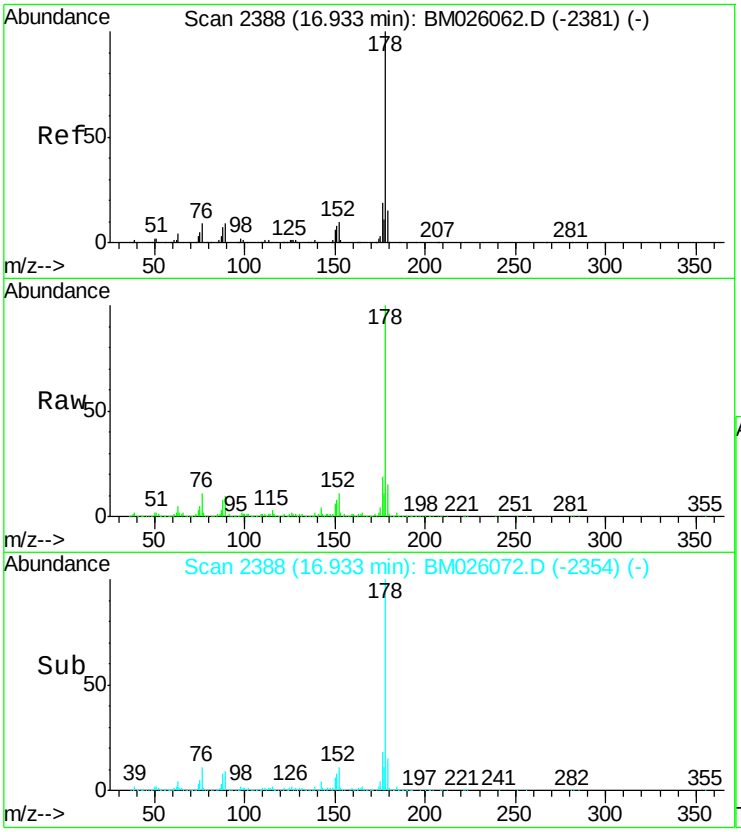


#59
Fluorene
Concen: 10.31 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:166 Resp: 372443

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.3	115.9
167	13.5	10.6	16.0

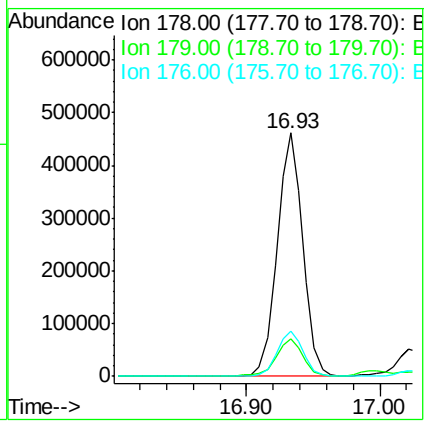




#70
Phenanthrene
Concen: 10.24 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:178 Resp: 617612

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	18.6	14.9	22.3



Instrument :
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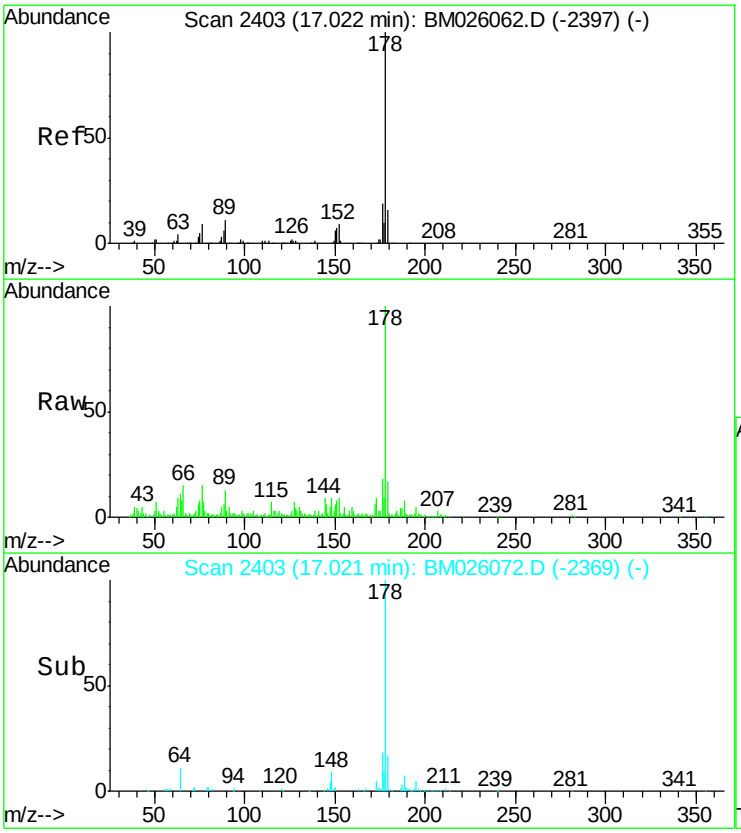
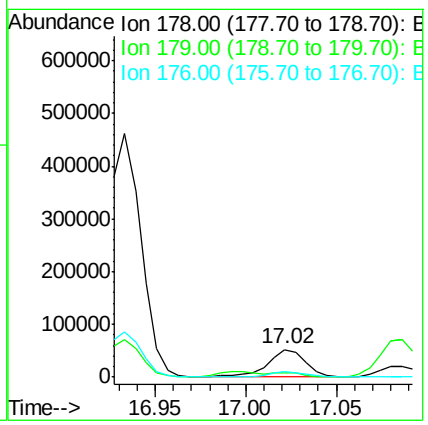
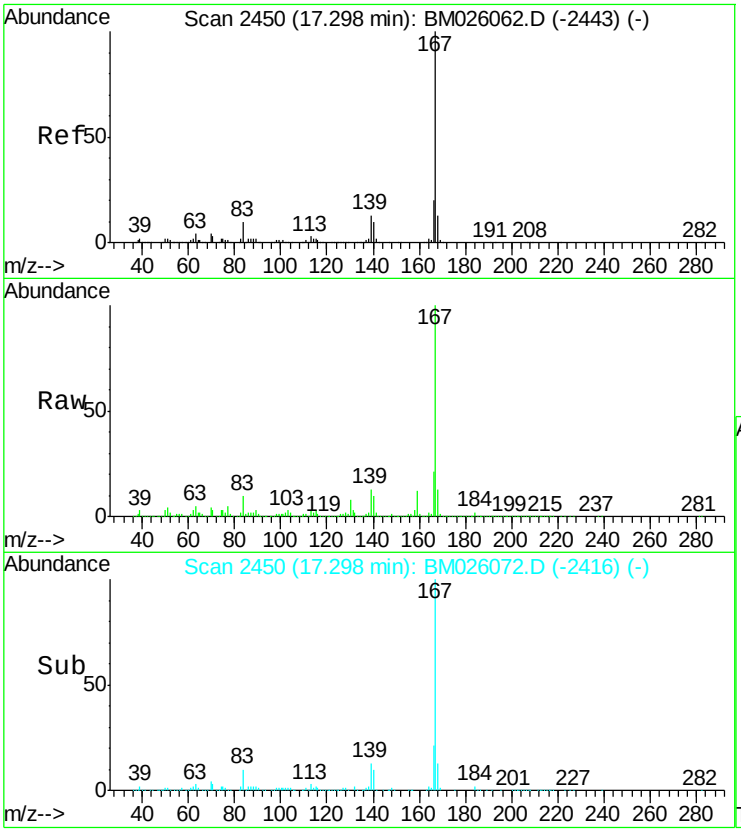


#72
Anthracene
Concen: 1.24 ng/ul
RT: 17.02 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:178 Resp: 75093

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.4
176	18.4	14.9	22.3





#75
Carbazole
Concen: 29.69 ng/ul
RT: 17.30 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:167 Resp: 1486256

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	25.0
139	13.2	10.8	16.2

Instrument :
BNA_M
ClientSampleId :
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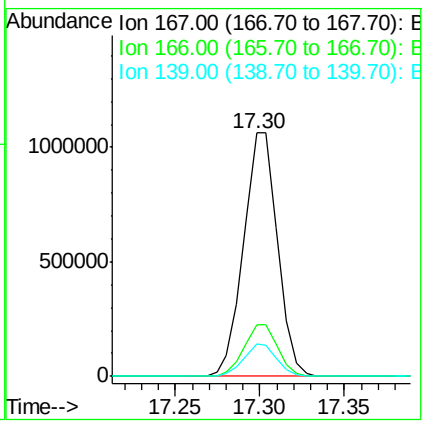

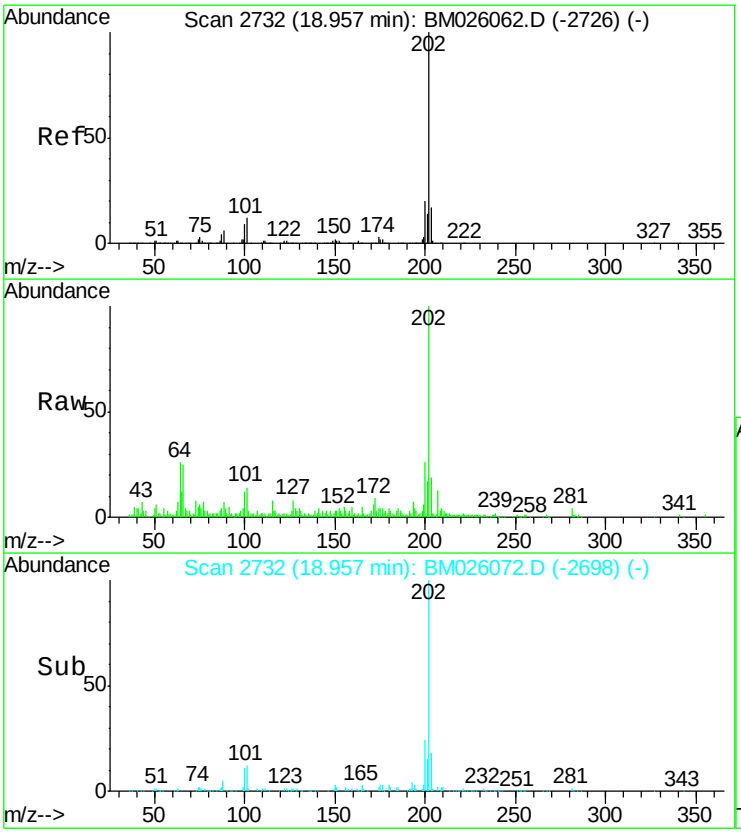

#77
Fluoranthene
Concen: 1.01 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: BM026072.D
Acq: 22 May 2020 00:22

Tgt Ion:202 Resp: 63748

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.5	14.3
100	11.8	7.6	11.4#