Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020202.D
Acq On : 08 May 2019 19:33
Operator : JU/SJ
Sample : K2641-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

Manual Integrations APPROVED
Sohil
5/9/2019 6:45:33 PM

Quant Time: May 09 02:29:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	161828	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	583874	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	345531	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	749051	20.00	ng		0.00
76) Chrysene-d12	21.36	240	760722	20.00	ng		0.00
87) Perylene-d12	23.66	264	886941	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	543825	54.93	ng		0.00
7) Phenol-d6	6.95	99	744480	55.04	ng		0.00
23) Nitrobenzene-d5	8.95	82	527482	35.67	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	284494	53.04	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	983578	35.02	ng		-0.01
79) Terphenyl-d14	19.80	244	1381157	31.67	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.89	163	136572	4.650	ng		99
58) Fluorene	15.48	166	72474	2.510	ng		99
71) Phenanthrene	17.22	178	581502	14.064	ng		98
72) Anthracene	17.31	178	215246	5.207	ng		98
75) Fluoranthene	19.23	202	949900	18.157	ng		98
78) Pyrene	19.60	202	882466	17.278	ng		98
81) Benzo(a)anthracene	21.34	228	514264	9.640	ng		98
83) Chrysene	21.40	228	435265	8.413	ng		96
86) Indeno(1,2,3-cd)pyrene	25.99	276	288631	4.690	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	593813	10.139	ng	#	96
89) Benzo(k)fluoranthene	23.00	252	200644m	3.756	ng		
90) Benzo(a)pyrene	23.55	252	455749	8.567	ng		95
92) Benzo(g,h,i)perylene	26.71	276	279407	5.319	ng		93

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

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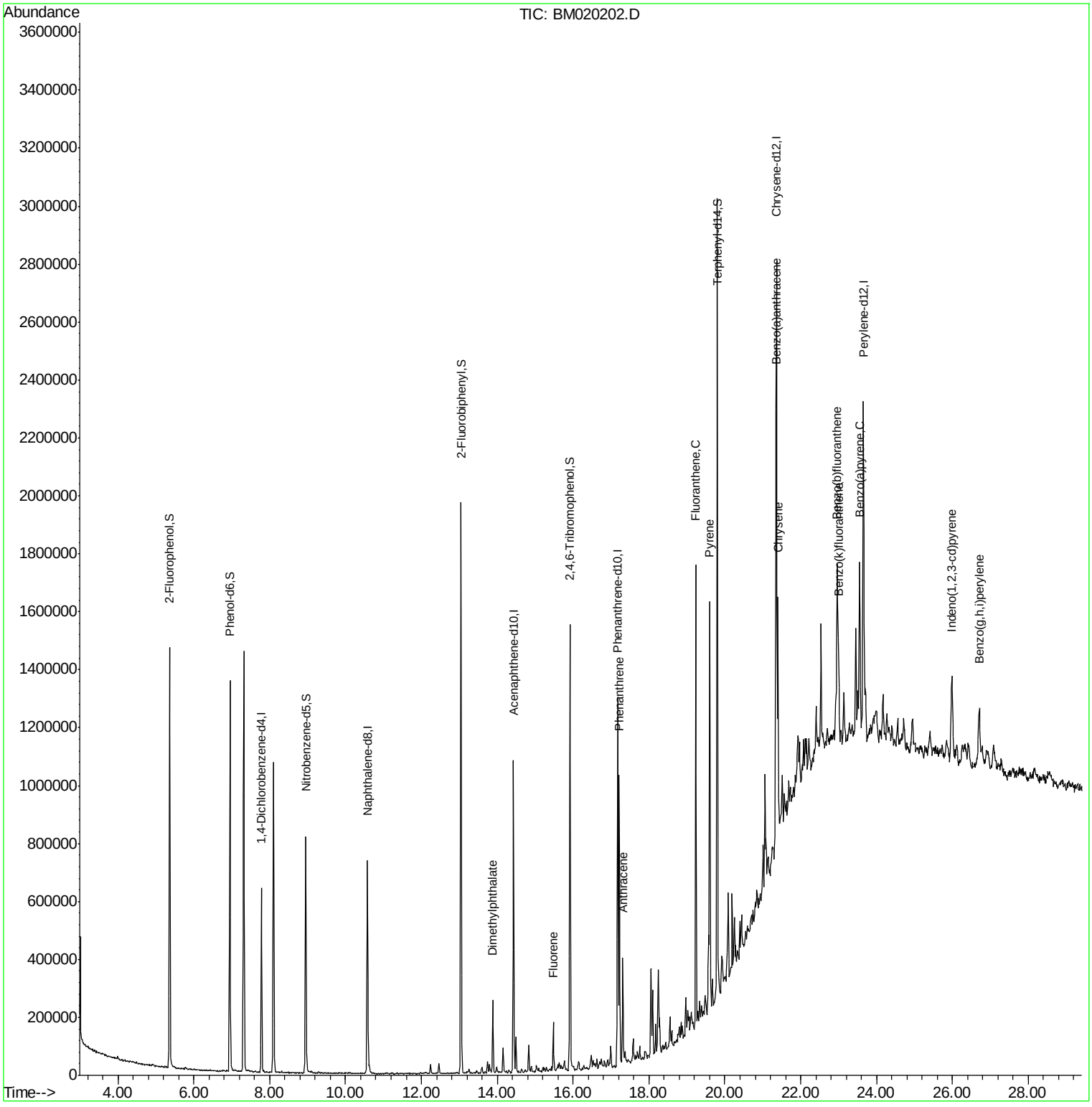
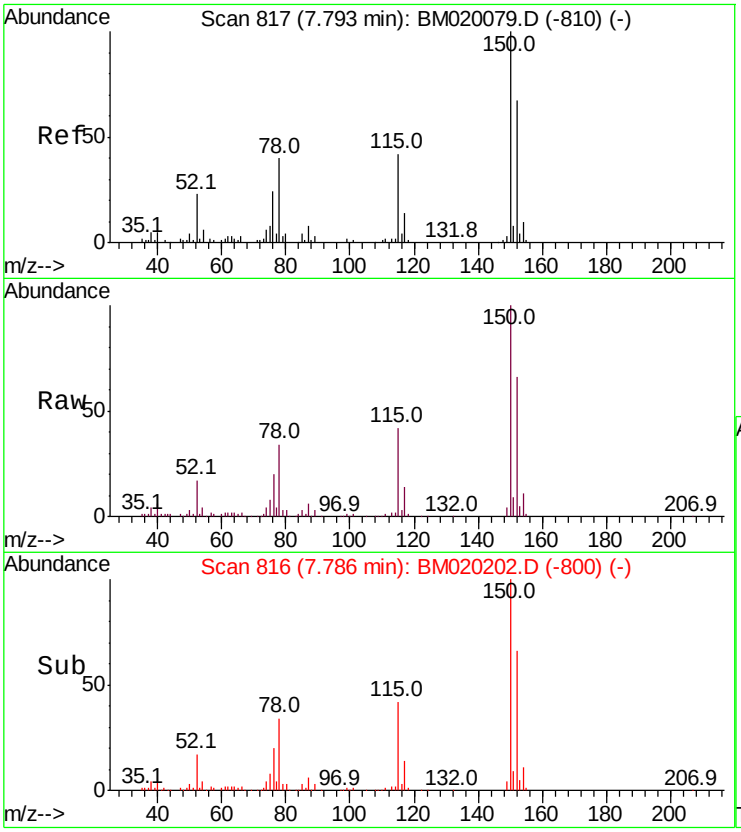
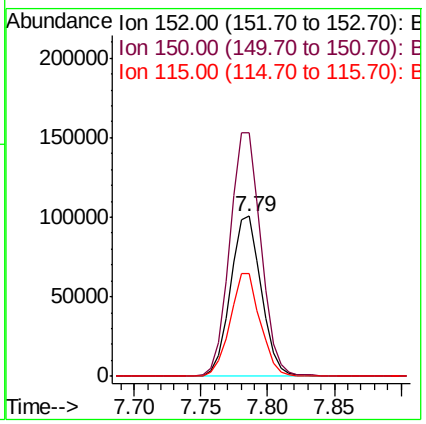




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:152 Resp: 161828

Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.8	179.8
115	64.6	50.8	76.2



Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

Manual Integrations APPROVED
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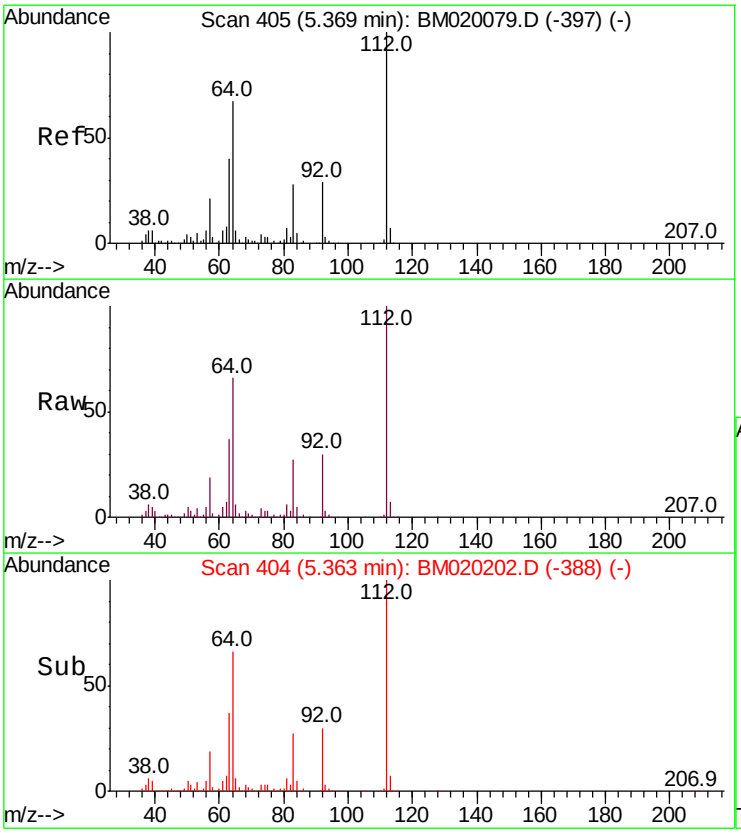
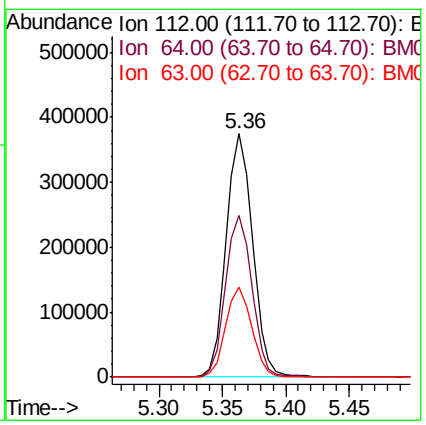
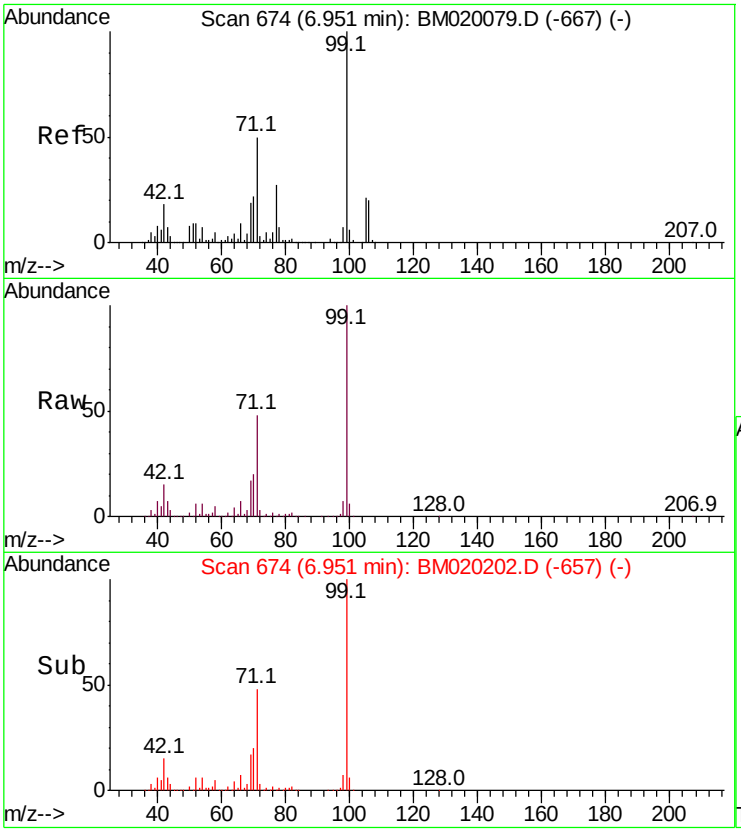


#5
2-Fluorophenol
Concen: 54.931 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:112 Resp: 543825

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.8	80.6
63	37.1	32.3	48.5

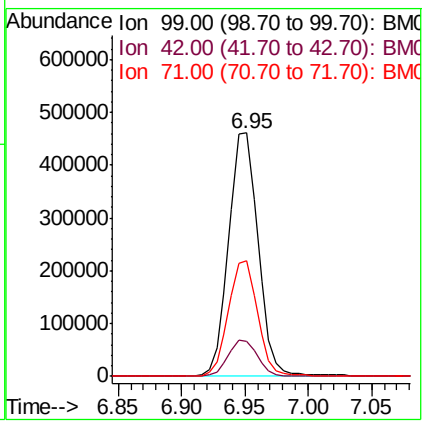




#7
Phenol-d6
Concen: 55.044 ng
RT: 6.95 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion: 99 Resp: 744480

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.2
71	47.7	40.3	60.5



Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

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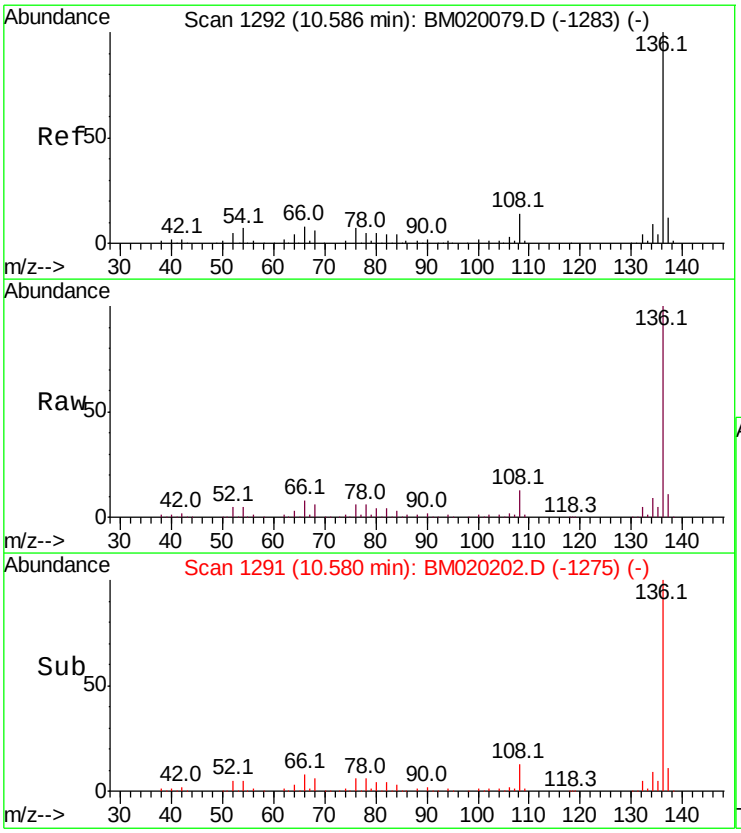
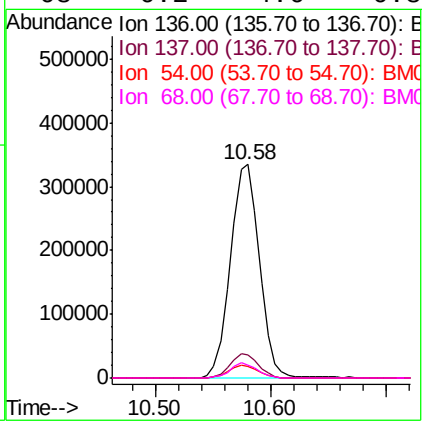
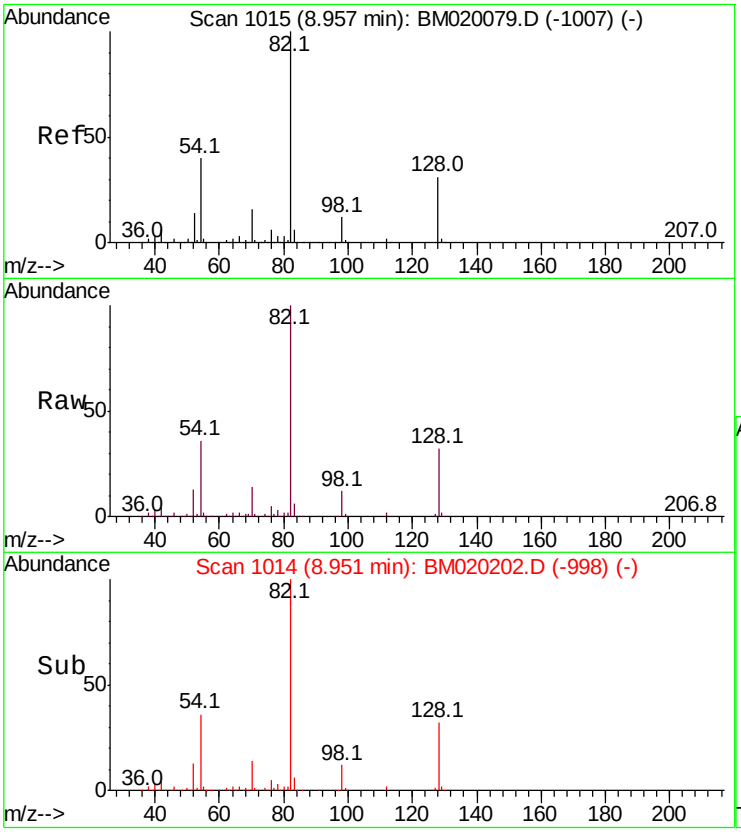


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:136 Resp: 583874

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	5.5	5.5	8.3#
68	6.2	4.6	6.8

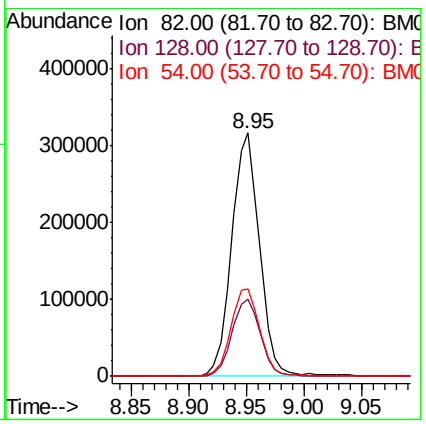




#23
Nitrobenzene-d5
Concen: 35.667 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion: 82 Resp: 527482

Ion	Ratio	Lower	Upper
82	100		
128	32.0	25.2	37.8
54	36.0	31.9	47.9



Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

Manual Integrations APPROVED
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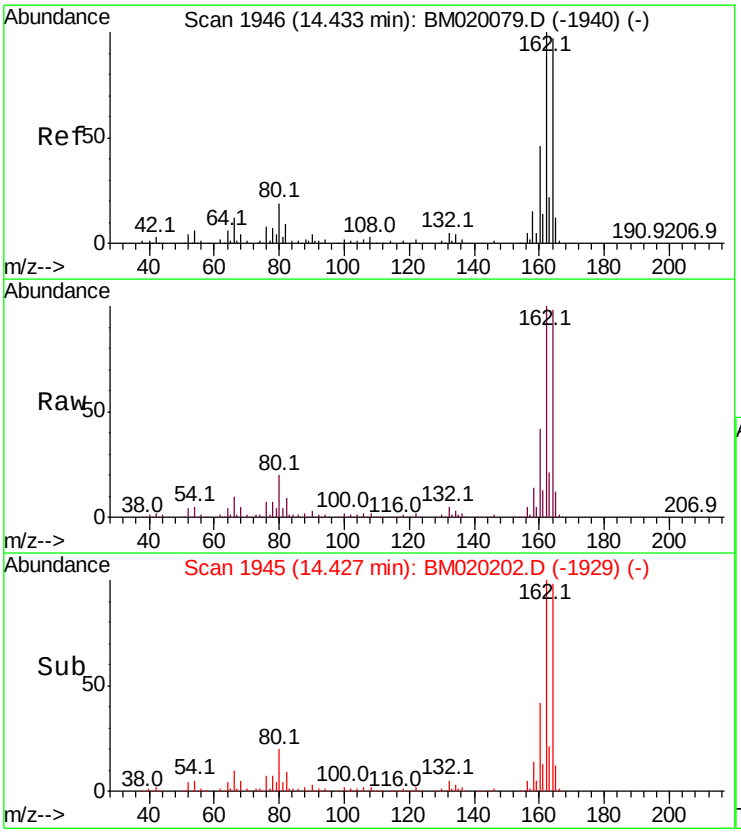
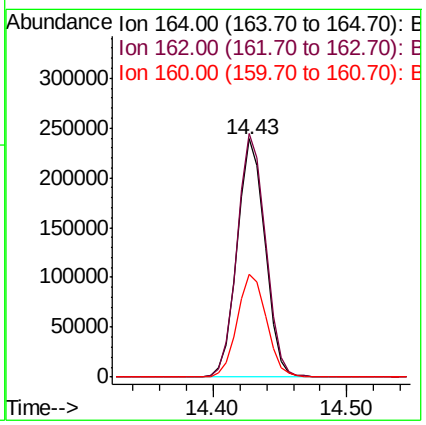
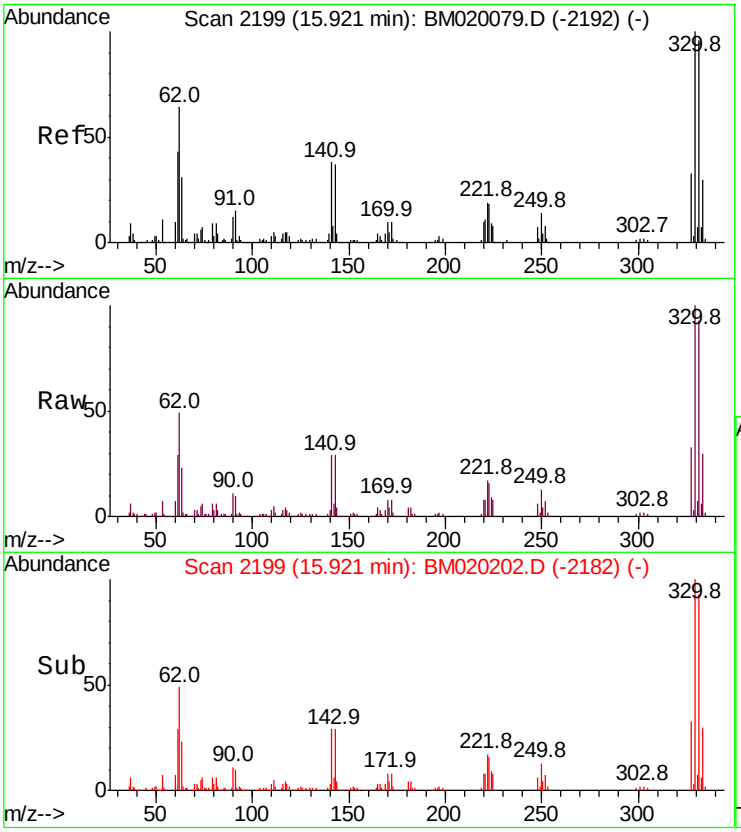


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:164 Resp: 345531

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	43.1	37.6	56.4





#42
2,4,6-Tribromophenol
Concen: 53.045 ng
RT: 15.92 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:330 Resp: 284494

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	32.6	29.2	43.8

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

Manual Integrations APPROVED
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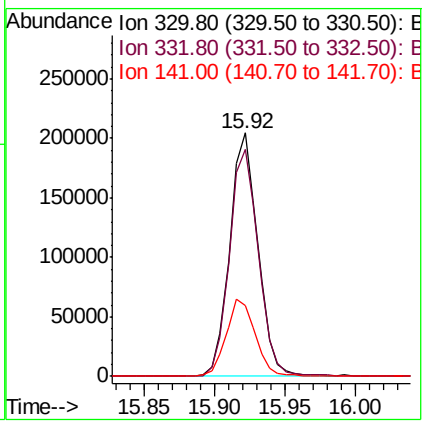
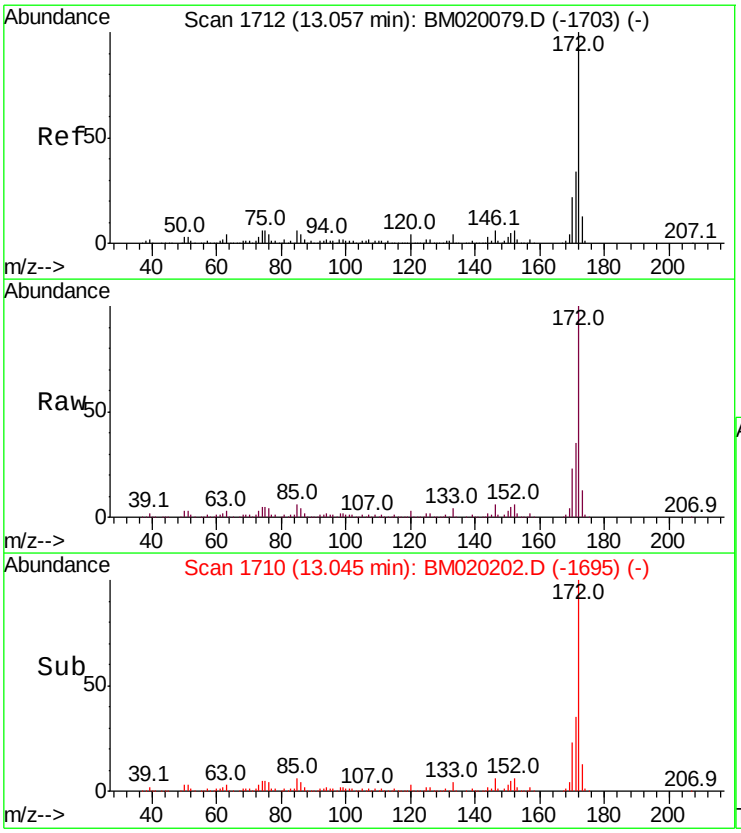
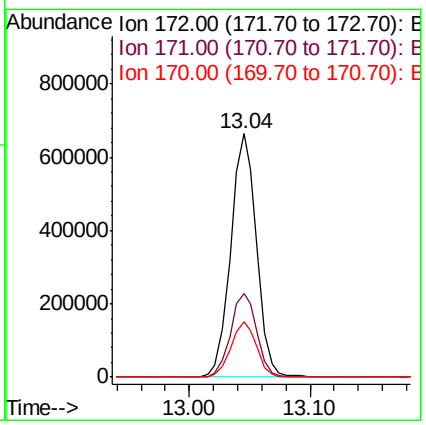


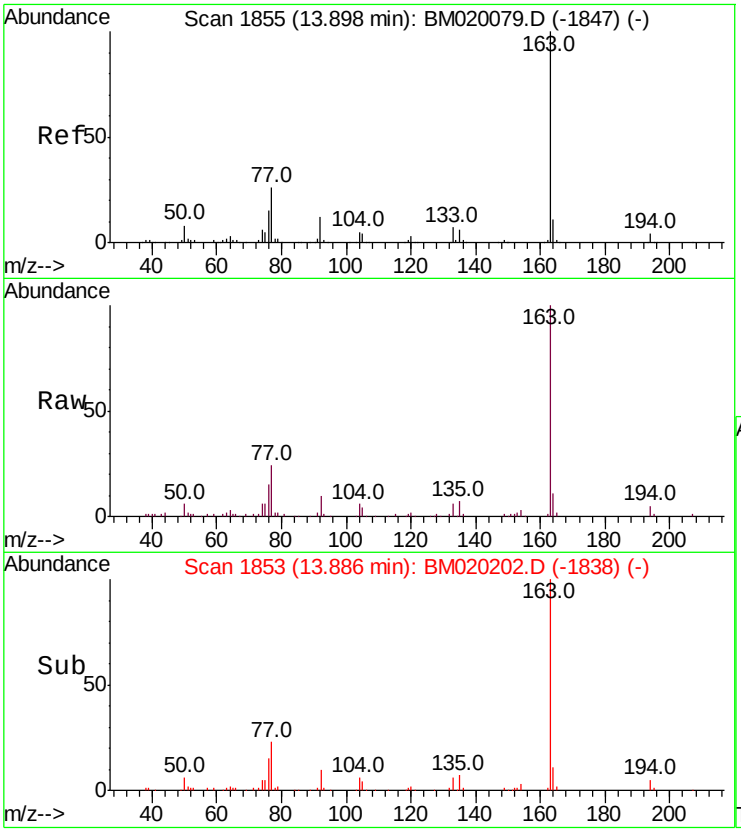


#45
2-Fluorobiphenyl
Concen: 35.023 ng
RT: 13.04 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:172 Resp: 983578

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.3	40.9
170	22.8	17.9	26.9





#50
Dimethylphthalate
Concen: 4.650 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:163 Resp: 136572

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	11.2	8.4	12.6

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

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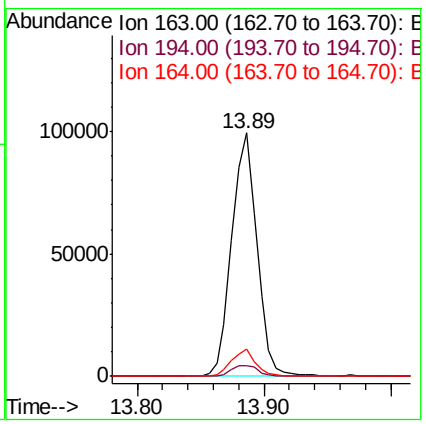
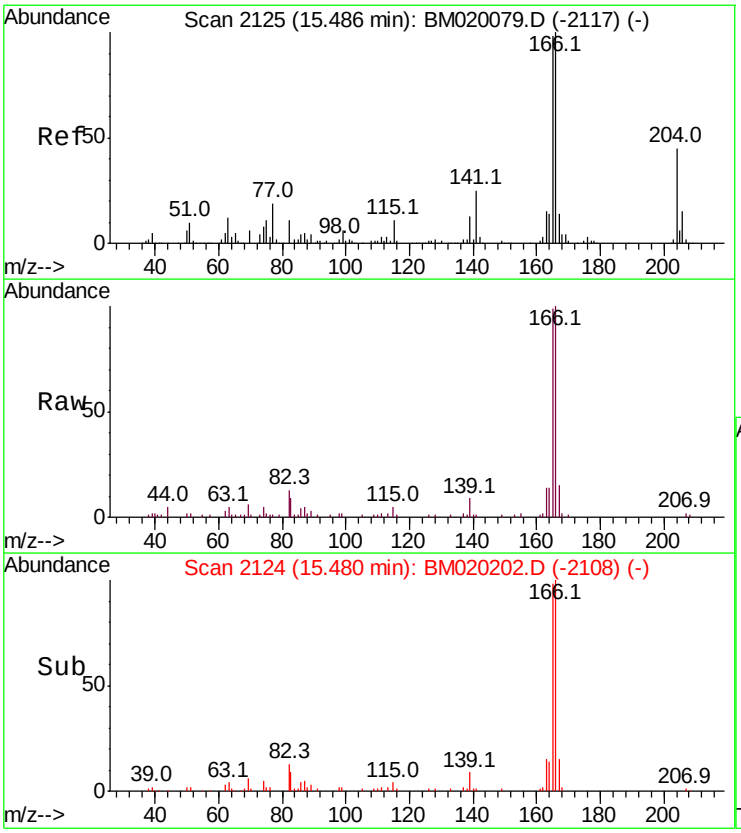
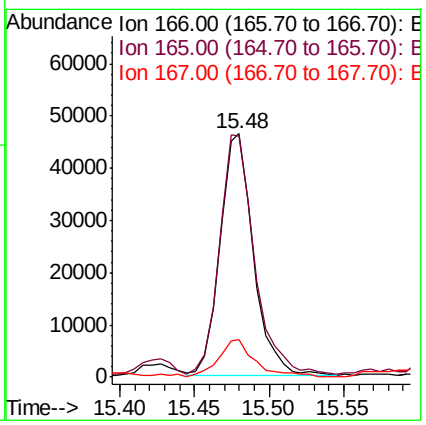


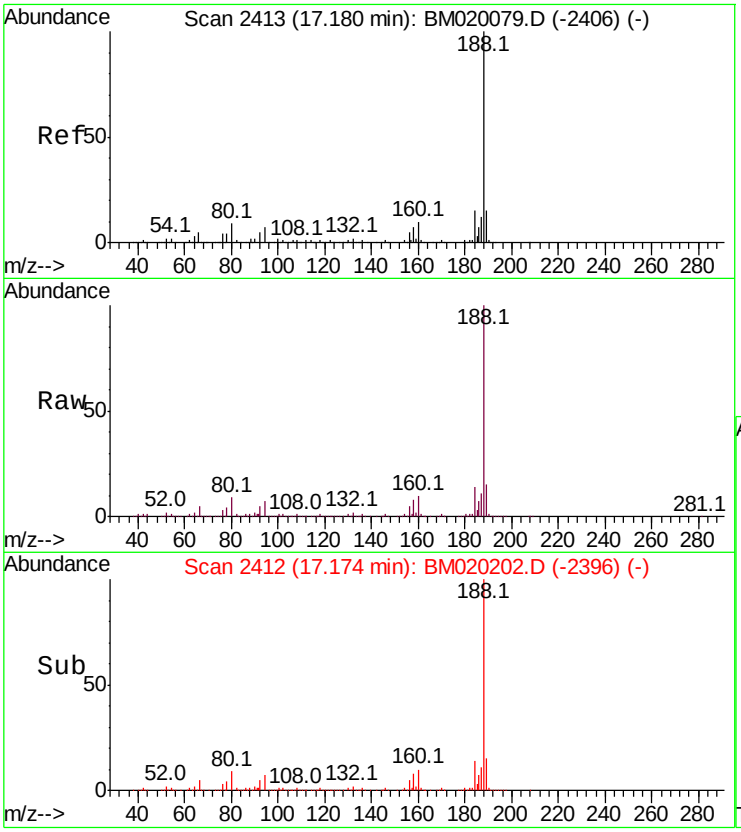


#58
Fluorene
Concen: 2.510 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:166 Resp: 72474

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.2
167	15.4	11.0	16.4

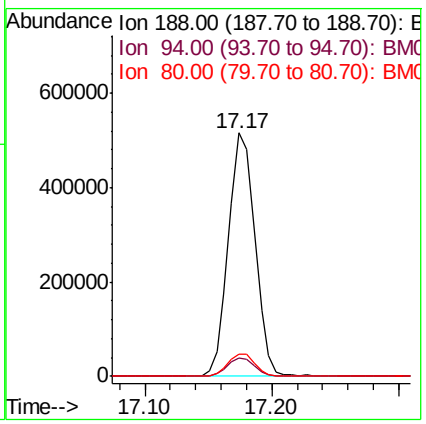




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:188 Resp: 749051

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	9.2	7.4	11.2



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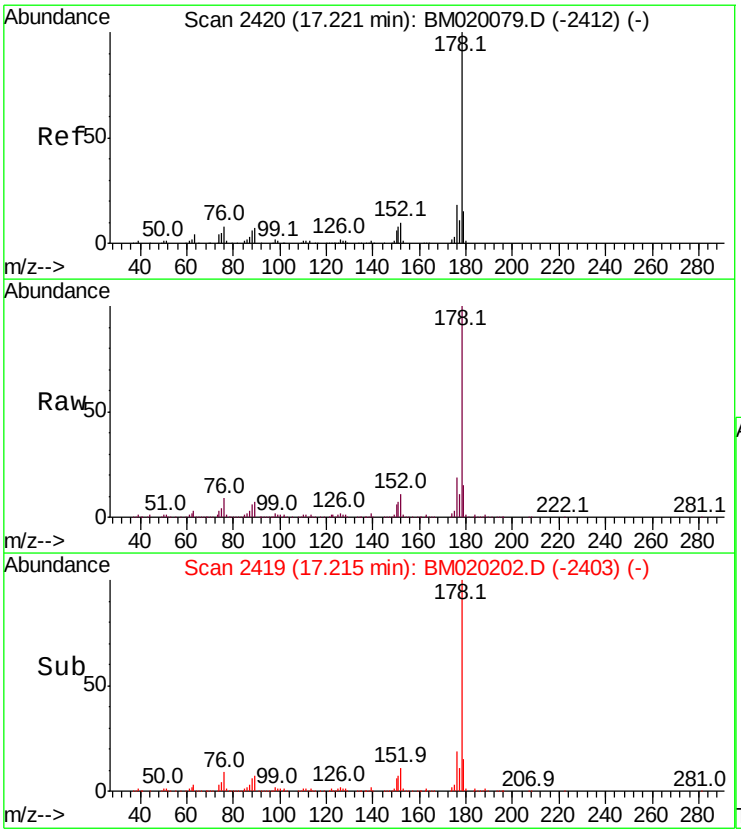
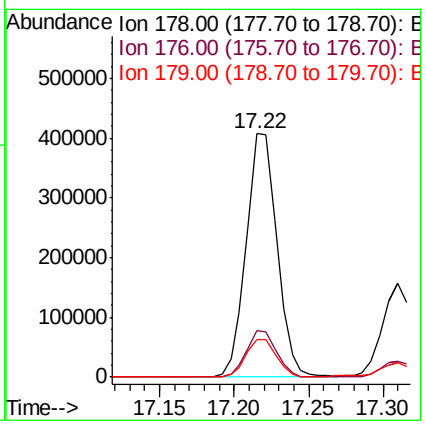
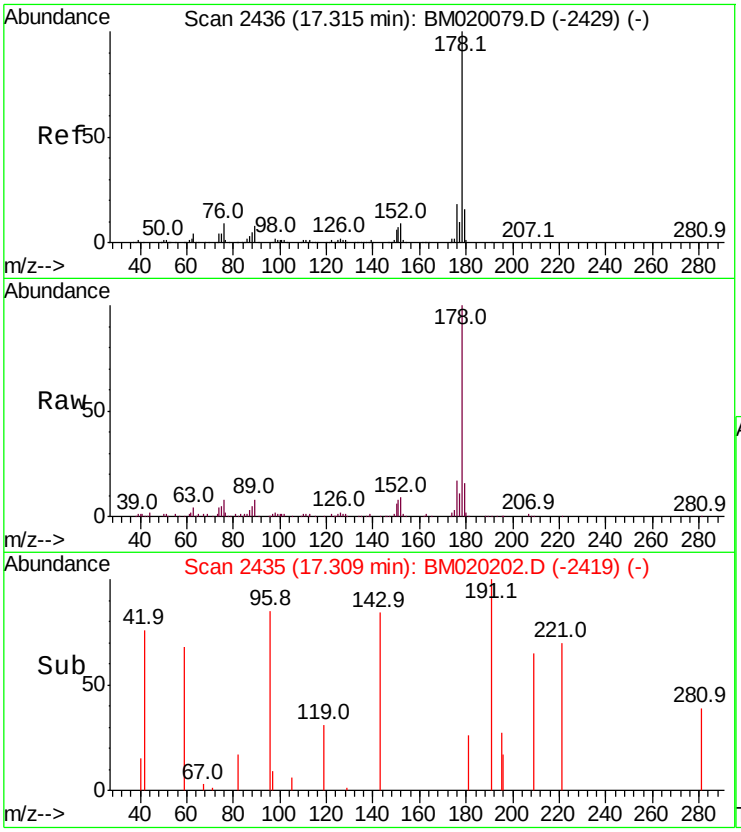


#71
Phenanthrene
Concen: 14.064 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:178 Resp: 581502

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	21.8
179	15.2	12.4	18.6

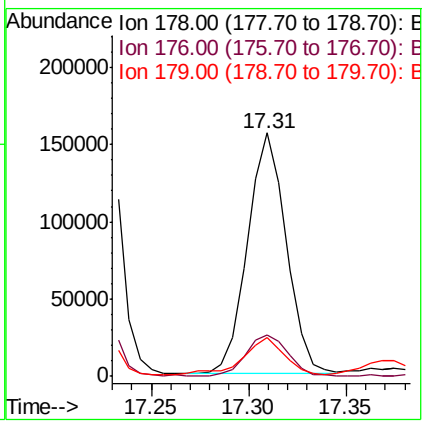




#72
Anthracene
Concen: 5.207 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:178 Resp: 215246

Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.6	22.0
179	15.9	12.4	18.6



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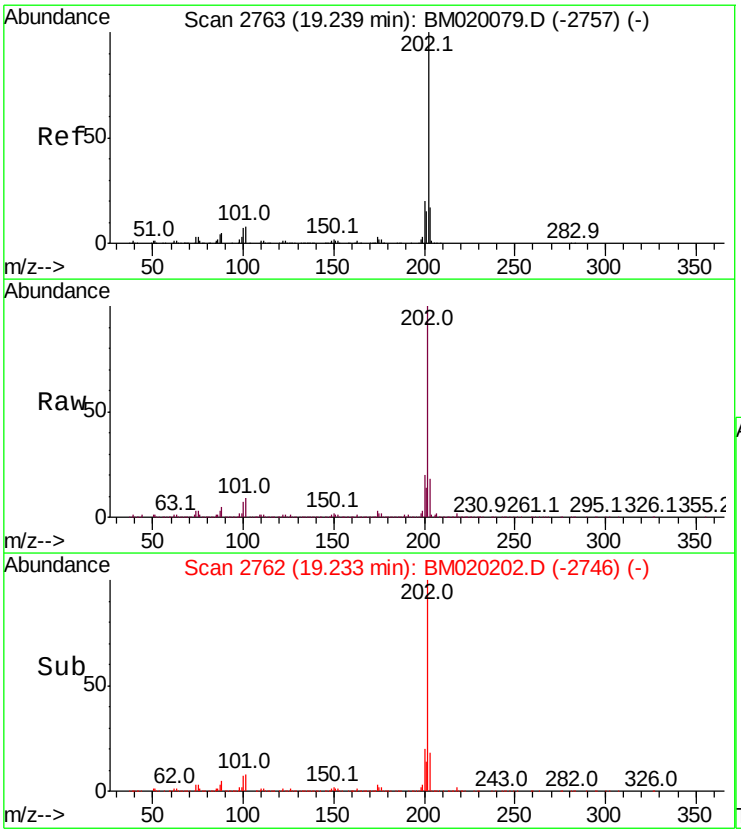
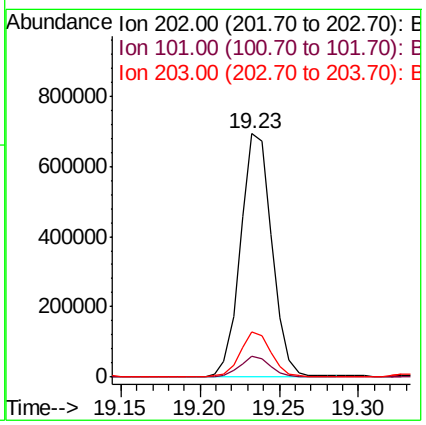
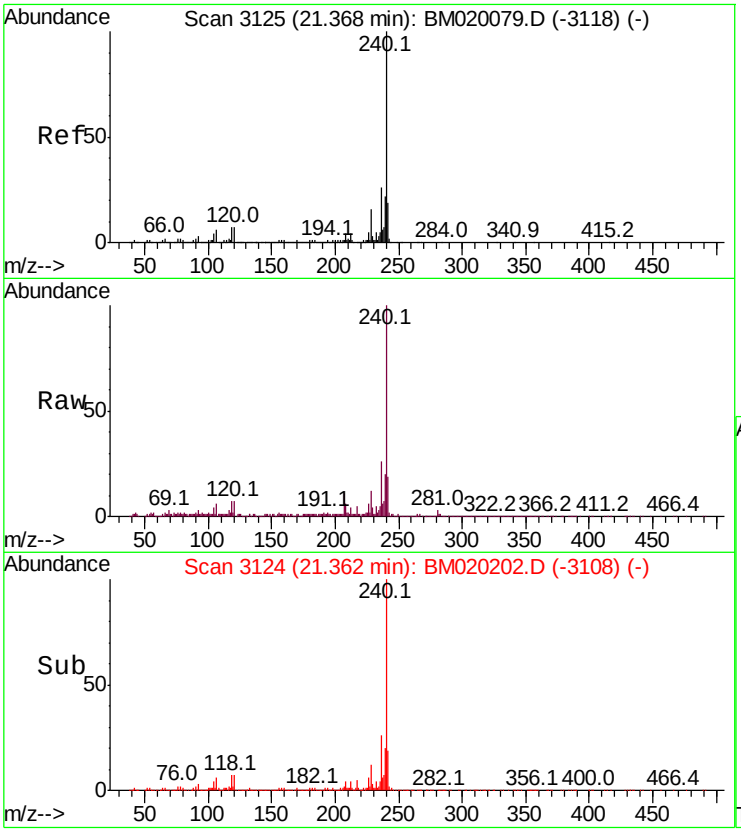


#75
Fluoranthene
Concen: 18.157 ng
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:202 Resp: 949900

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	28.4
203	18.4	0.0	37.4

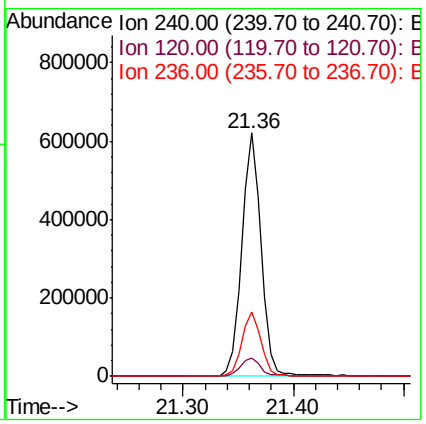




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:240 Resp: 760722

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.6	8.4
236	26.4	20.9	31.3



Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

Manual Integrations APPROVED
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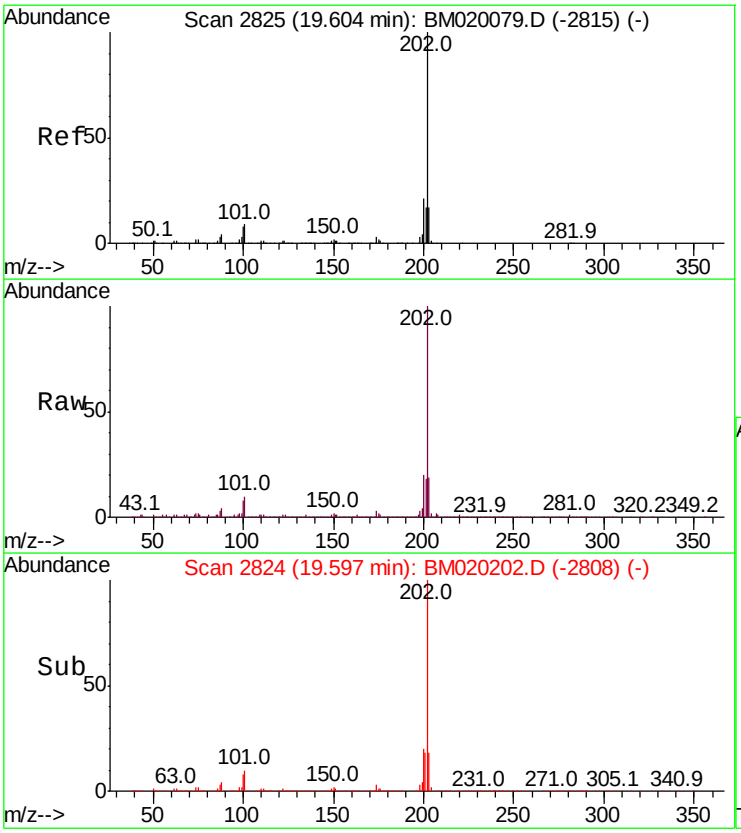
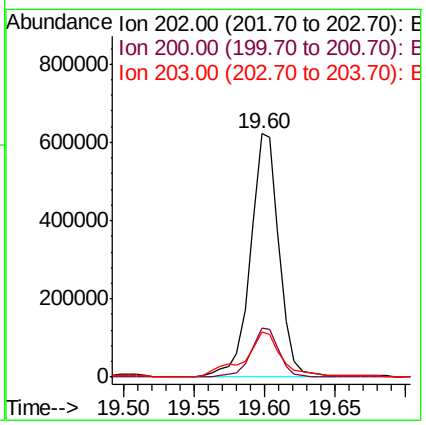
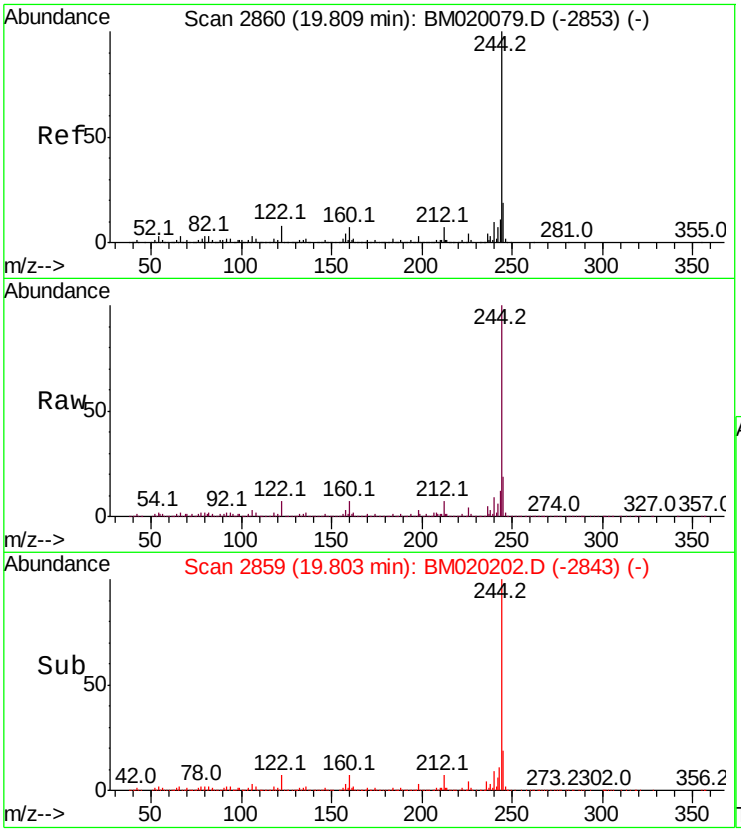


#78
Pyrene
Concen: 17.278 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:202 Resp: 882466

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.5	24.7
203	18.6	13.9	20.9

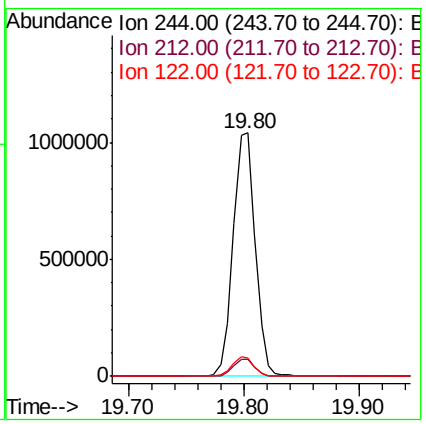




#79
Terphenyl-d14
Concen: 31.668 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:244 Resp: 1381157

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.4	6.2	9.2



Instrument :
BNA_M
ClientSampleId :
CL-02-050719-C

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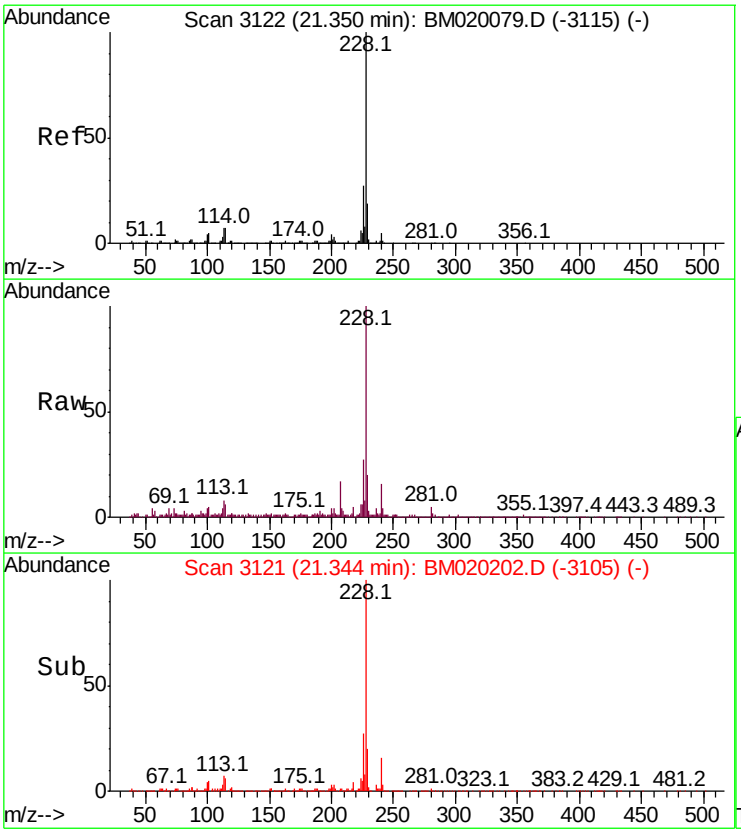
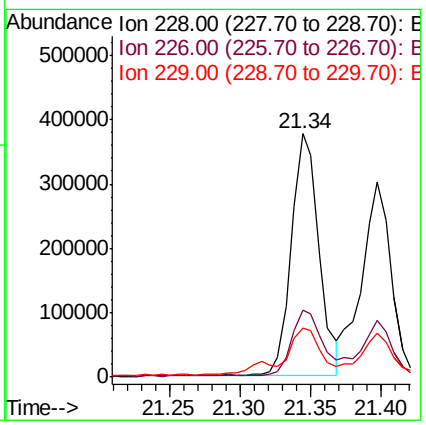
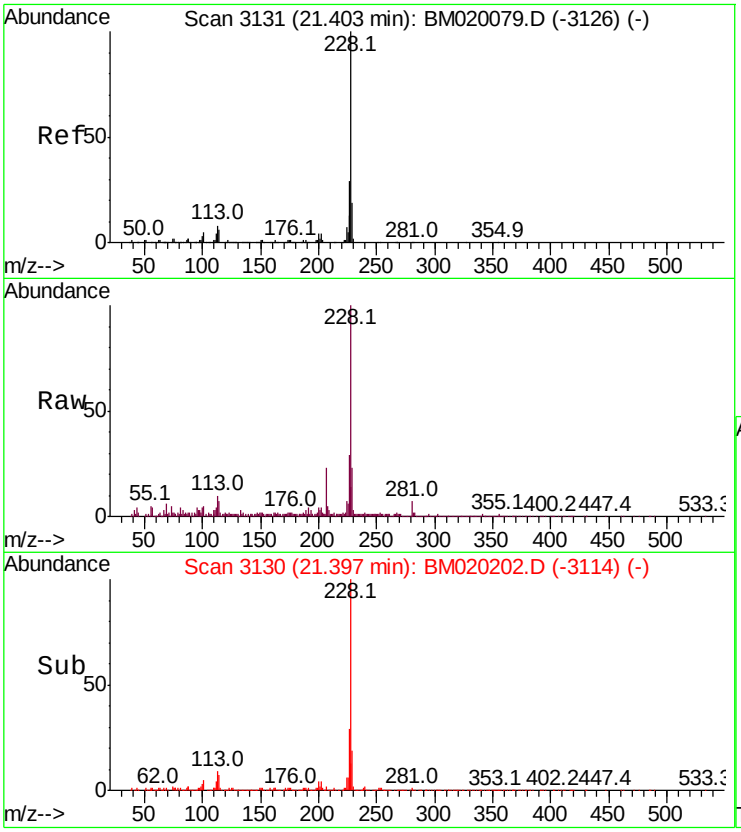


#81
Benzo(a)anthracene
Concen: 9.640 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:228 Resp: 514264

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.3	31.9
229	20.4	15.5	23.3

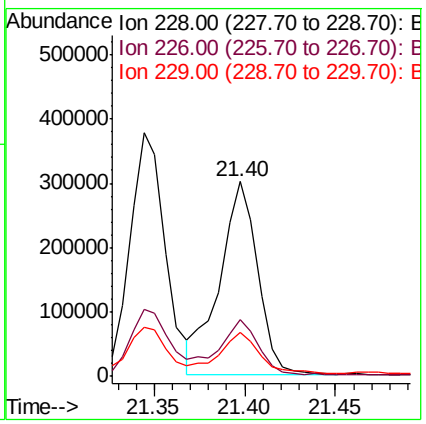




#83
Chrysene
Concen: 8.413 ng
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:228 Resp: 435265

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	22.6	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
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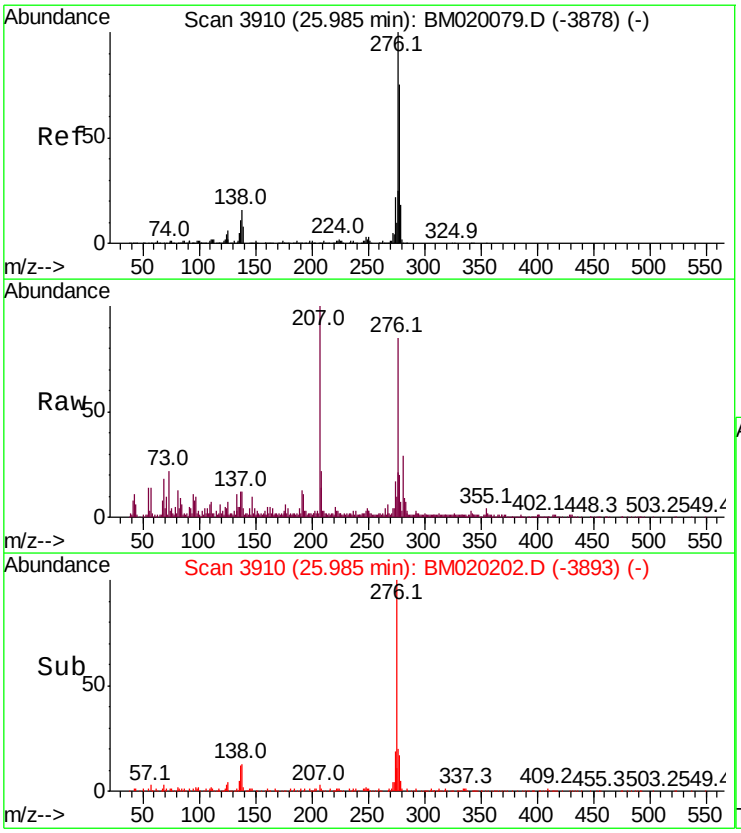
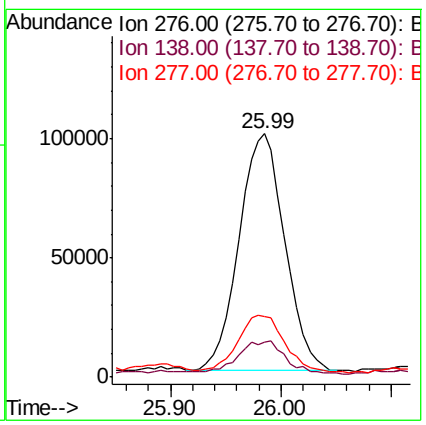
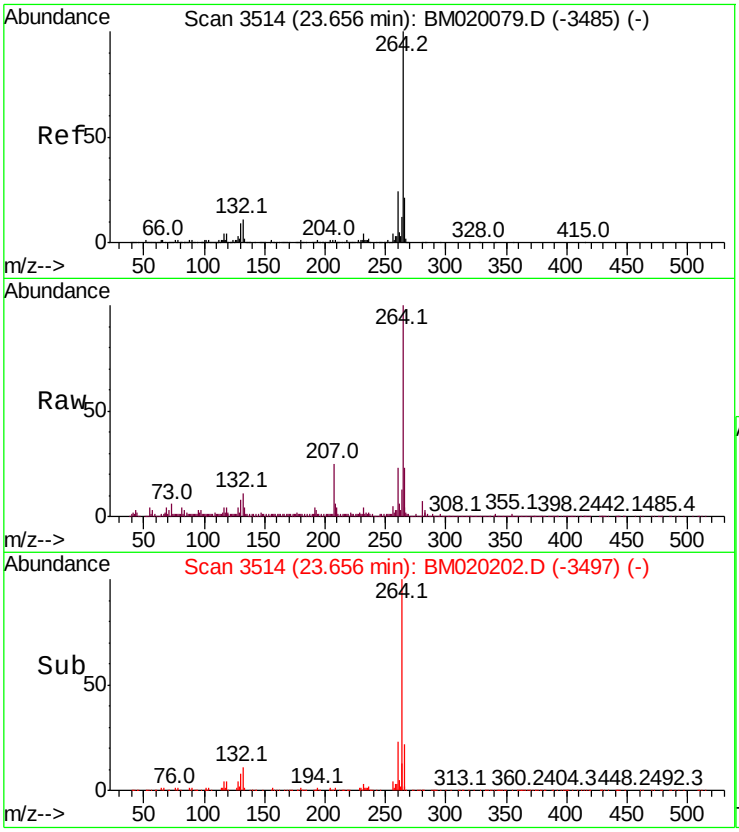


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.690 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:276 Resp: 288631

Ion	Ratio	Lower	Upper
276	100		
138	14.7	0.0	0.0#
277	24.5	0.0	0.0#

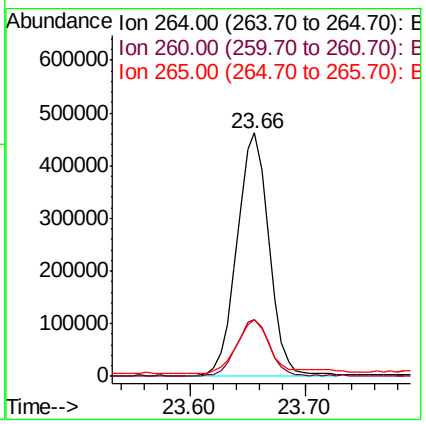




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3514
Delta R.T. -0.00 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:264 Resp: 886941

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	23.3	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
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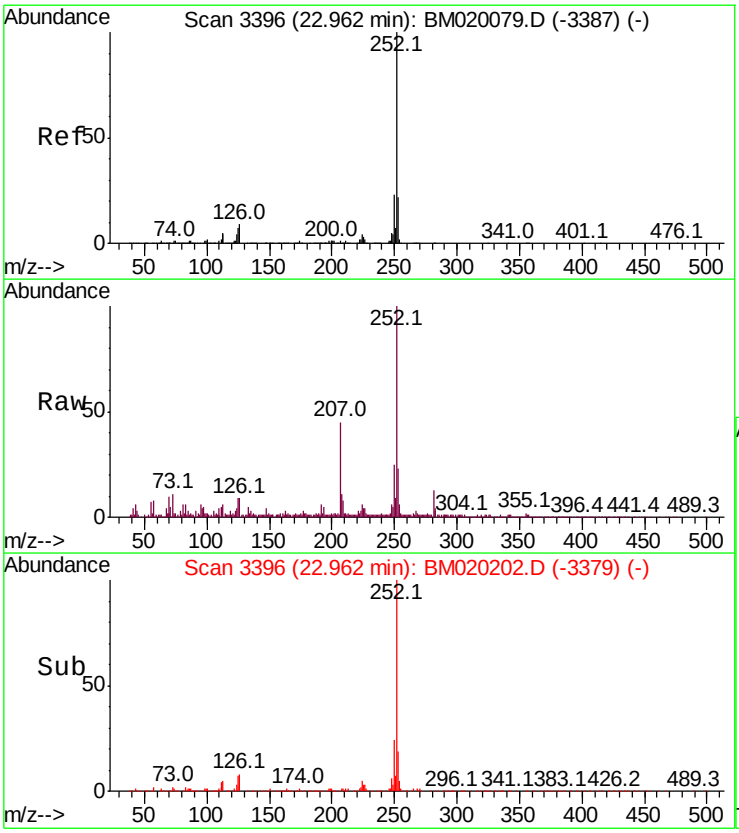
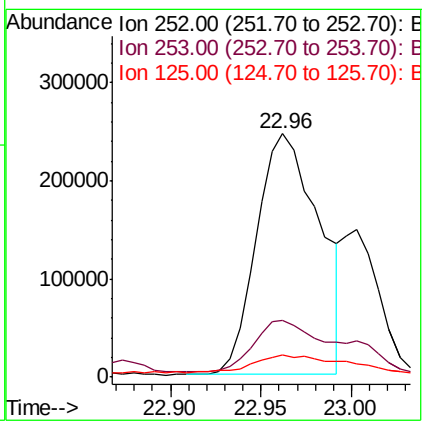
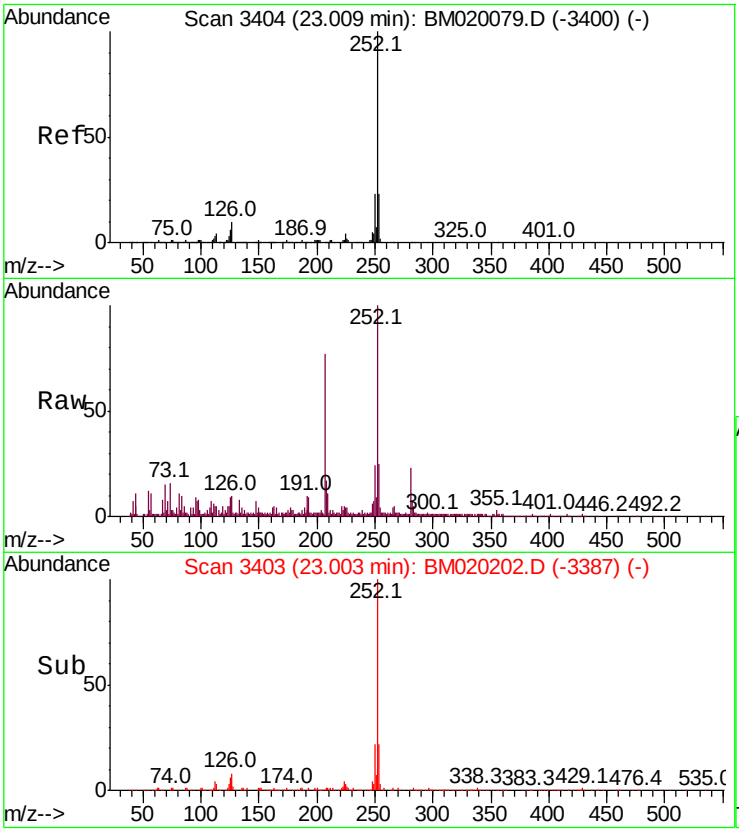


#88
Benzo(b)fluoranthene
Concen: 10.139 ng
RT: 22.96 min Scan# 3396
Delta R.T. -0.00 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:252 Resp: 593813

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	8.9	5.4	8.2#





#89
Benzo(k)fluoranthene
Concen: 3.756 ng m
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:252 Resp: 200644

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.8
125	8.9	5.4	8.0#

Instrument :
BNA_M
ClientSampleId :
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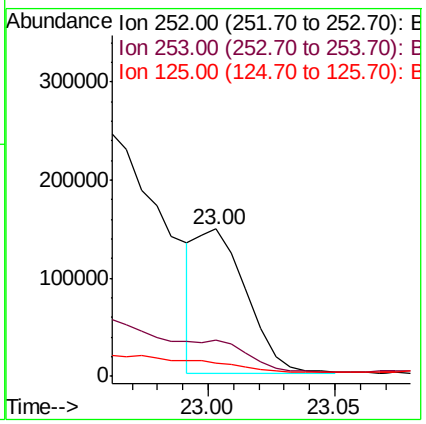
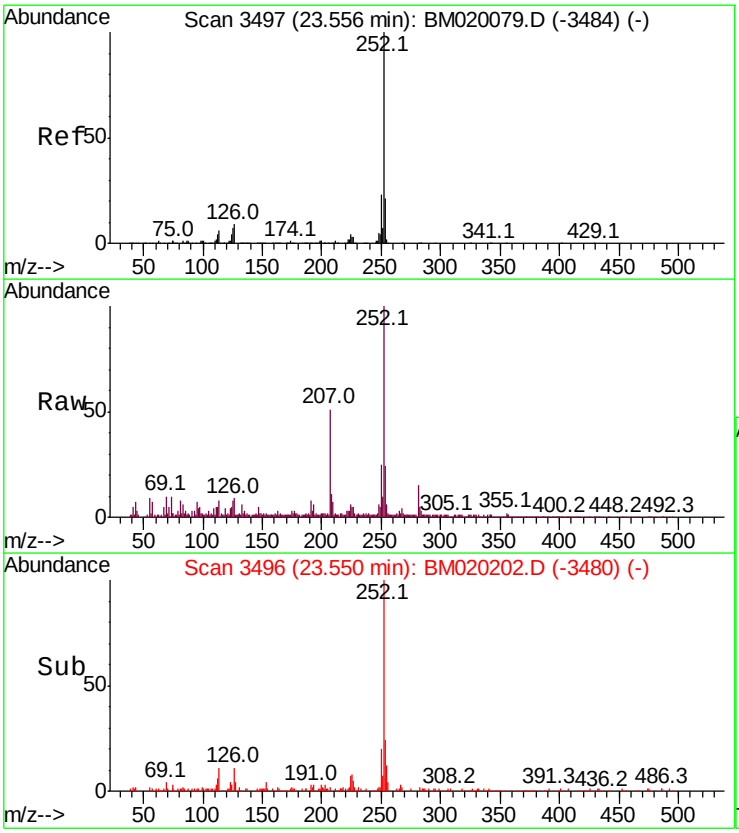
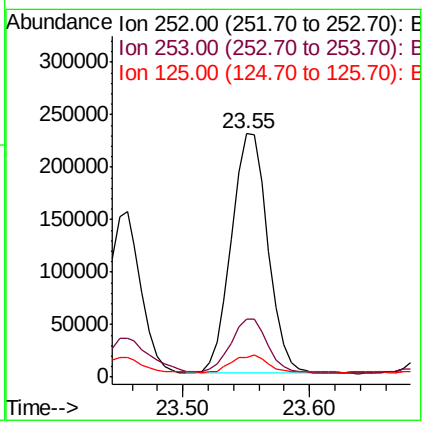


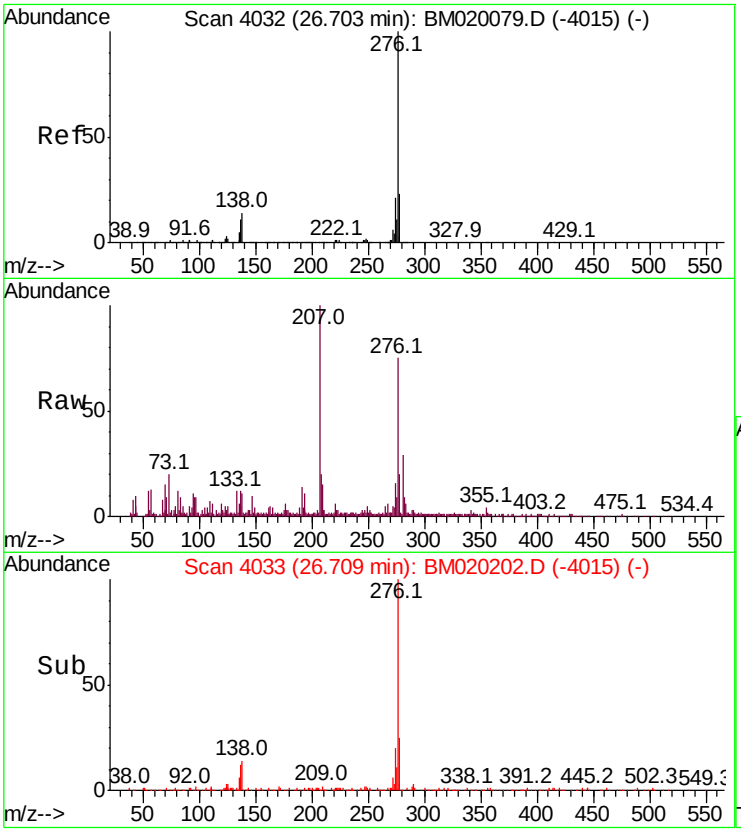


#90
Benzo(a)pyrene
Concen: 8.567 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:252 Resp: 455749

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	7.9	5.5	8.3

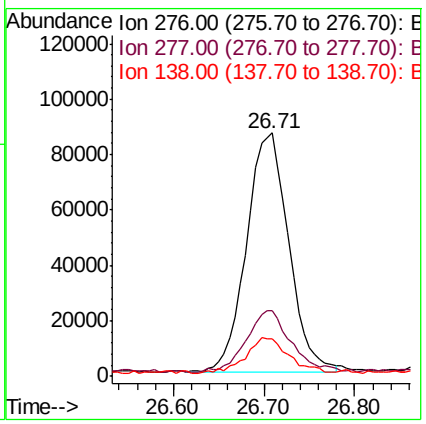




#92
Benzo(g,h,i)perylene
Concen: 5.319 ng
RT: 26.71 min Scan# 4033
Delta R.T. 0.01 min
Lab File: BM020202.D
Acq: 08 May 2019 19:33

Tgt Ion:276 Resp: 279407

Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.4	27.6
138	15.4	11.1	16.7



Instrument :
BNA_M
ClientSampleId :
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