Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030121\
Data File : BM028963.D
Acq On : 01 Mar 2021 14:03
Operator : CG/JU
Sample : M1482-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBGJ5

Manual Integrations APPROVED
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Quant Time: Mar 01 14:36:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 01 10:25:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	252	0.40	ng/ul	0.00
2) Naphthalene-d8	10.57	136	1060	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.44	164	652	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.18	188	1340m	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	1043	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	978	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	597	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.20	212	1288	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.62	128	9148	3.466	ng/ul	94
5) 2-Methylnaphthalene	12.25	142	707	0.400	ng/ul	100
7) Acenaphthylene	14.16	152	359	0.135	ng/ul#	43
8) Acenaphthene	14.50	153	8321	3.944	ng/ul	98
9) Fluorene	15.49	166	6347	2.711	ng/ul	95
11) Pentachlorophenol	16.85	266	31	0.089	ng/ul	87
12) Phenanthrene	17.22	178	161334	43.077	ng/ul	94
13) Anthracene	17.31	178	5289	1.481	ng/ul	96
15) Fluoranthene	19.23	202	5805	1.362	ng/ul	91
17) Pyrene	19.59	202	2272m	0.600	ng/ul	

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

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DBGJ5

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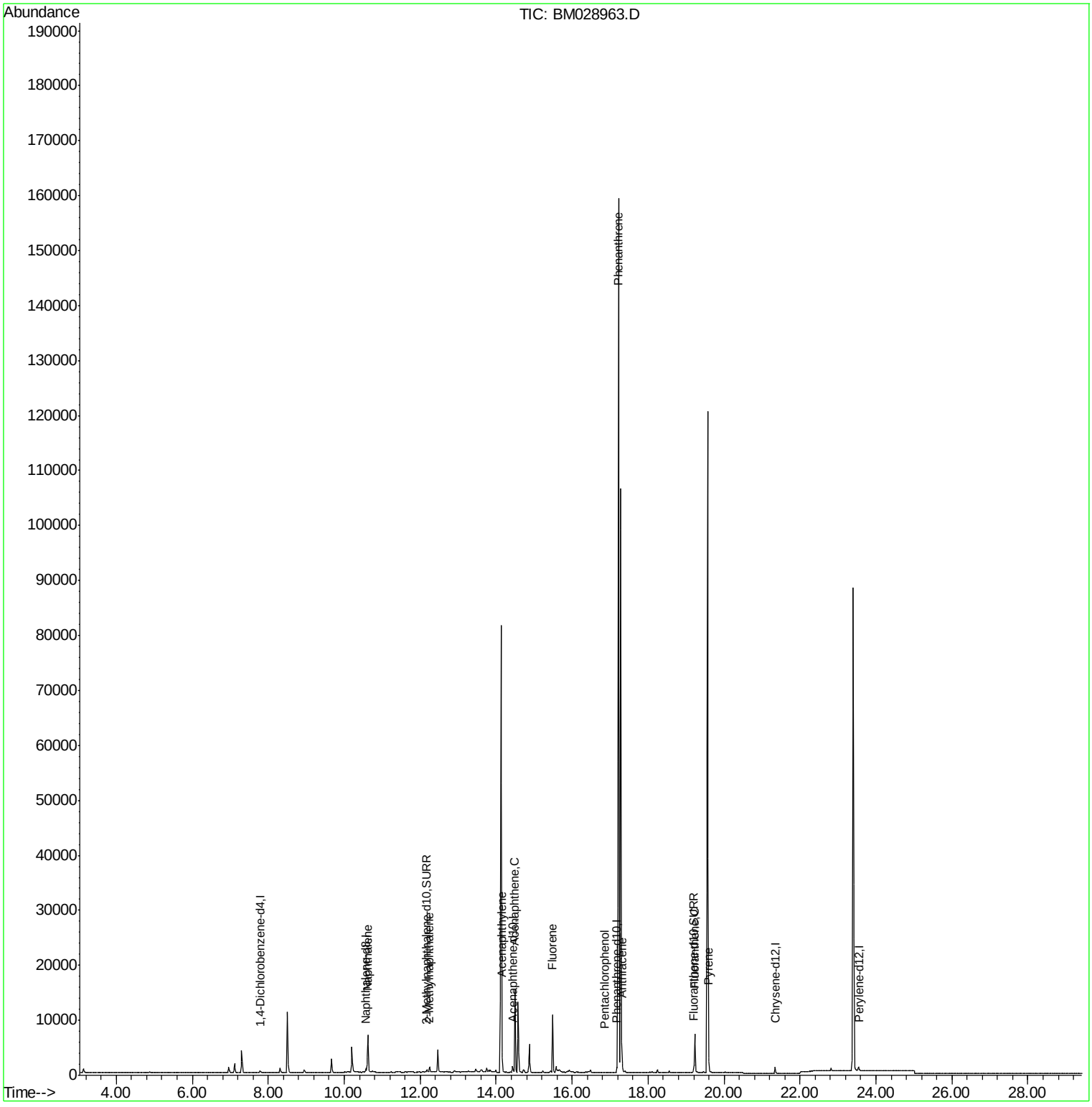
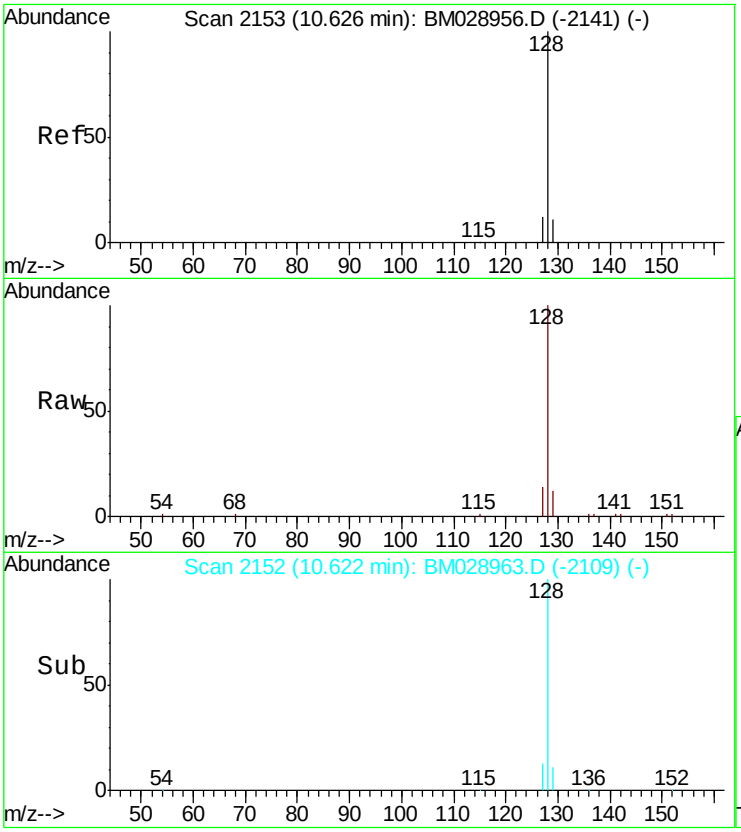
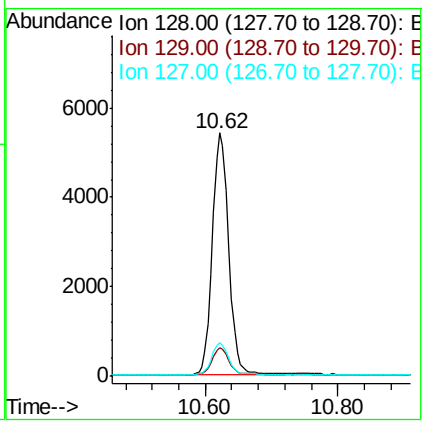




#3
Naphthalene
Concen: 3.466 ng/ul
RT: 10.62 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:128 Resp: 9148

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.4	17.2
127	13.9	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
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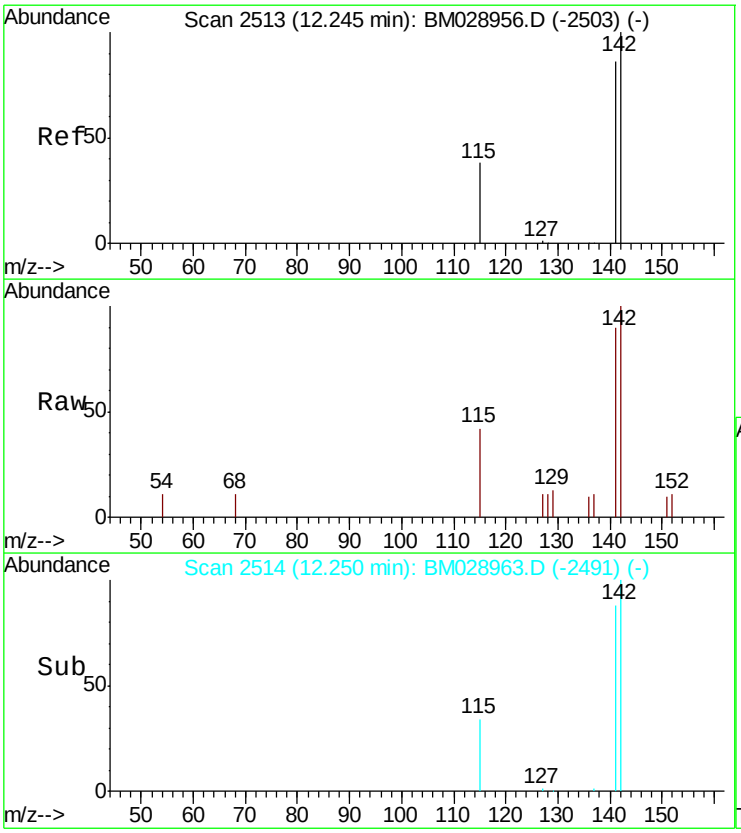
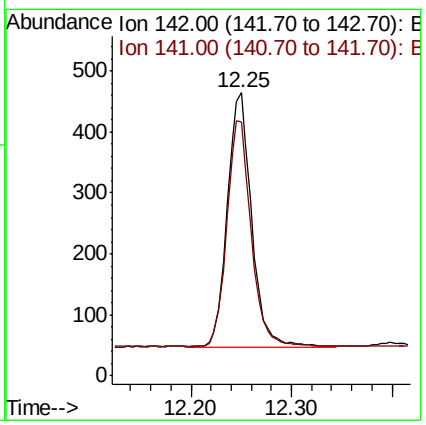
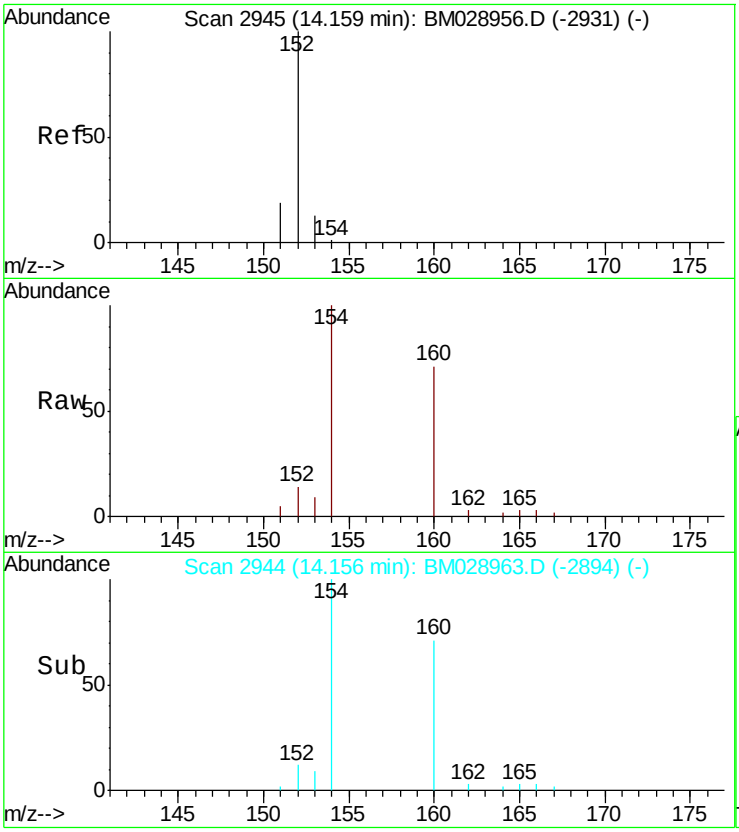


#5
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.25 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:142 Resp: 707

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.4





#7
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.16 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:152 Resp: 359

Ion	Ratio	Lower	Upper
152	100		
151	32.5	18.0	27.0#
153	61.8	13.4	20.0#

Instrument :
BNA_M
ClientSampleId :
DBGJ5

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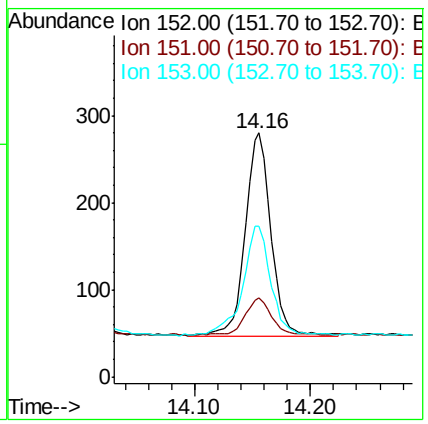
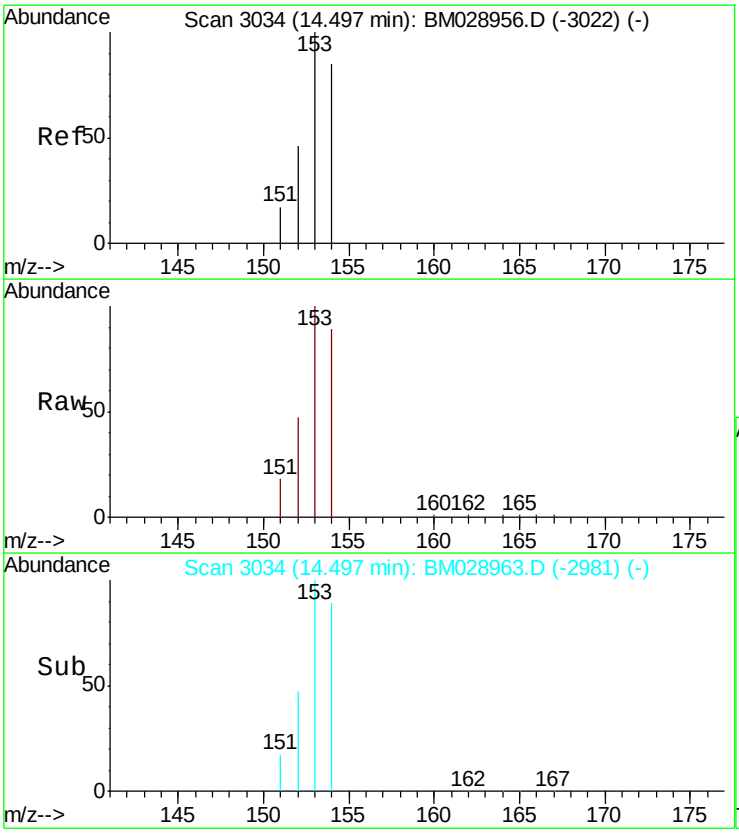
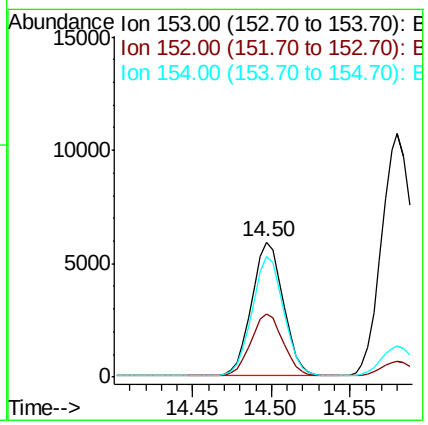


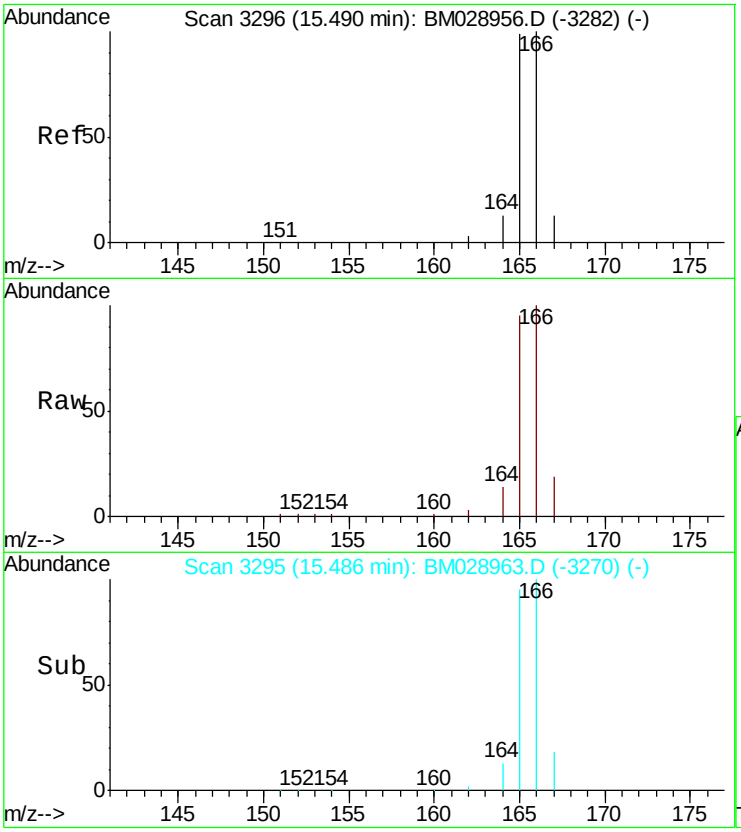


#8
Acenaphthene
Concen: 3.944 ng/ul
RT: 14.50 min Scan# 3034
Delta R.T. 0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:153 Resp: 8321

Ion	Ratio	Lower	Upper
153	100		
152	47.1	39.6	59.4
154	89.2	70.3	105.5

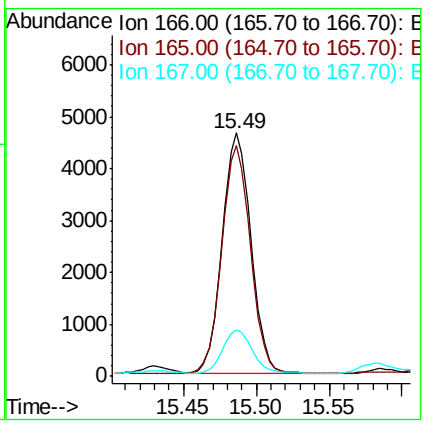




#9
Fluorene
Concen: 2.711 ng/ul
RT: 15.49 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:166 Resp: 6347

Ion	Ratio	Lower	Upper
166	100		
165	94.9	79.6	119.4
167	19.1	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
DBGJ5

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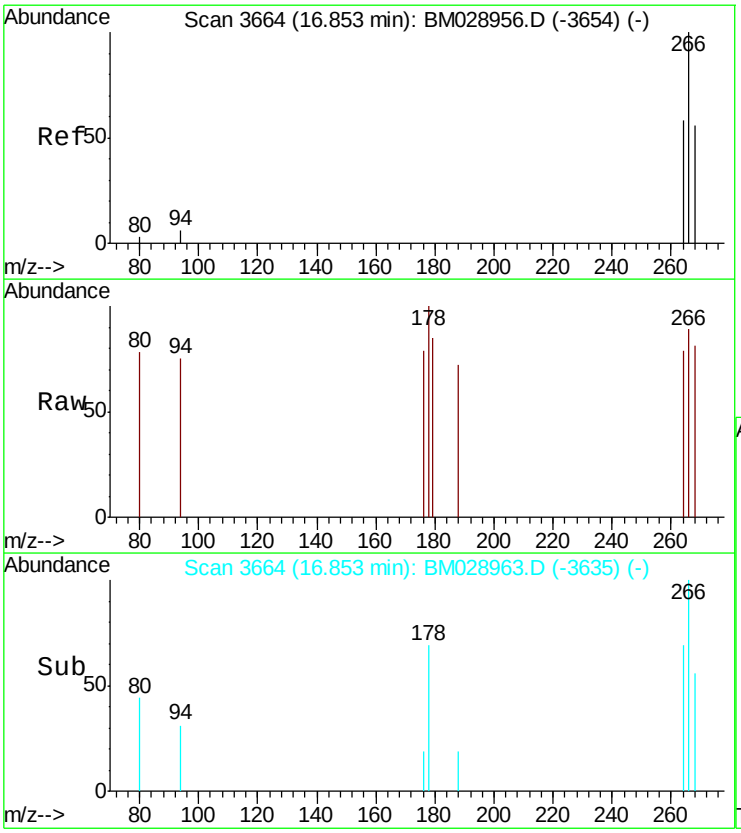
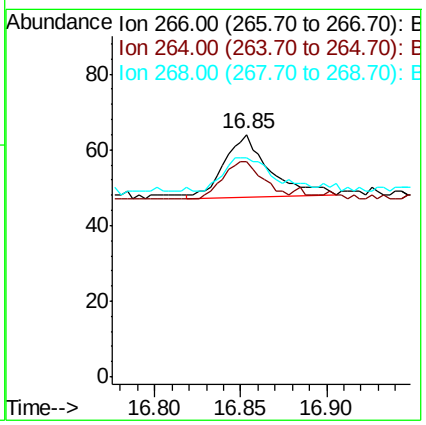
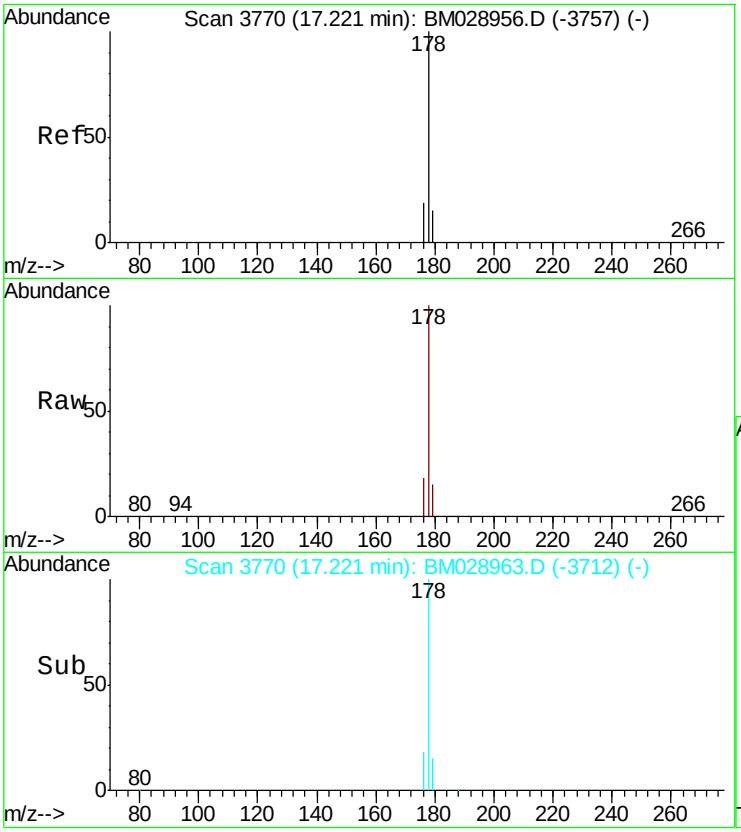


#11
Pentachlorophenol
Concen: 0.089 ng/ul
RT: 16.85 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:266 Resp: 31

Ion	Ratio	Lower	Upper
266	100		
264	51.6	51.0	76.4
268	58.1	53.0	79.4





#12
Phenanthrene
Concen: 43.077 ng/ul
RT: 17.22 min Scan# 3770
Delta R.T. 0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:178 Resp: 161334

Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.7	22.1
176	18.4	16.7	25.1

Instrument :
BNA_M
ClientSampleId :
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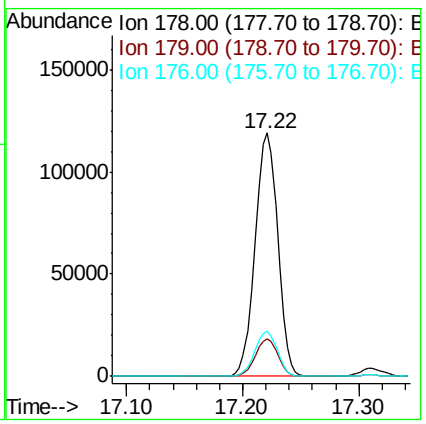
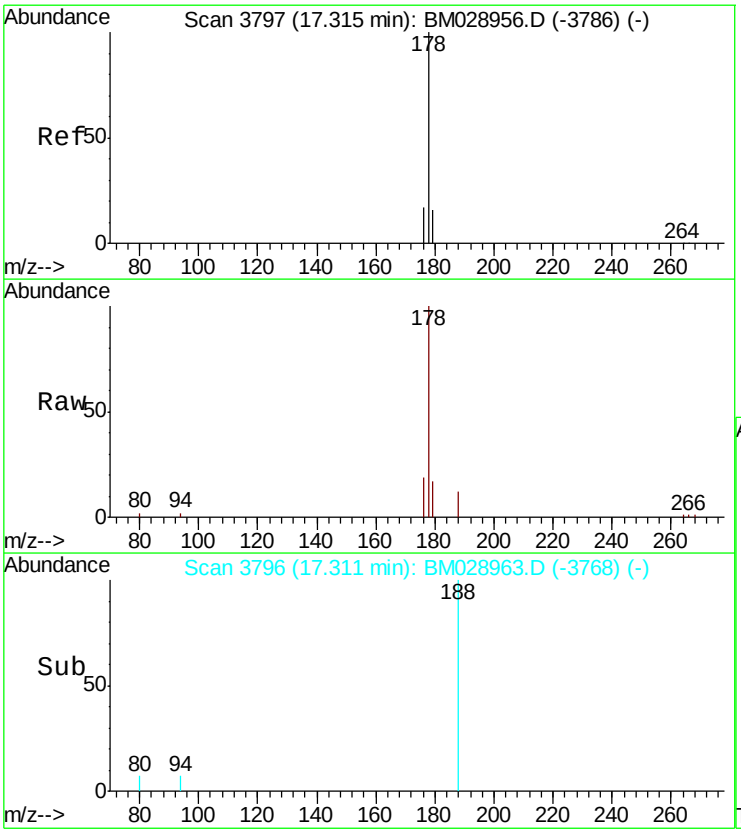
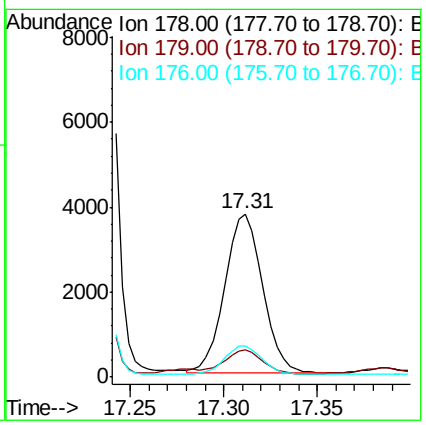


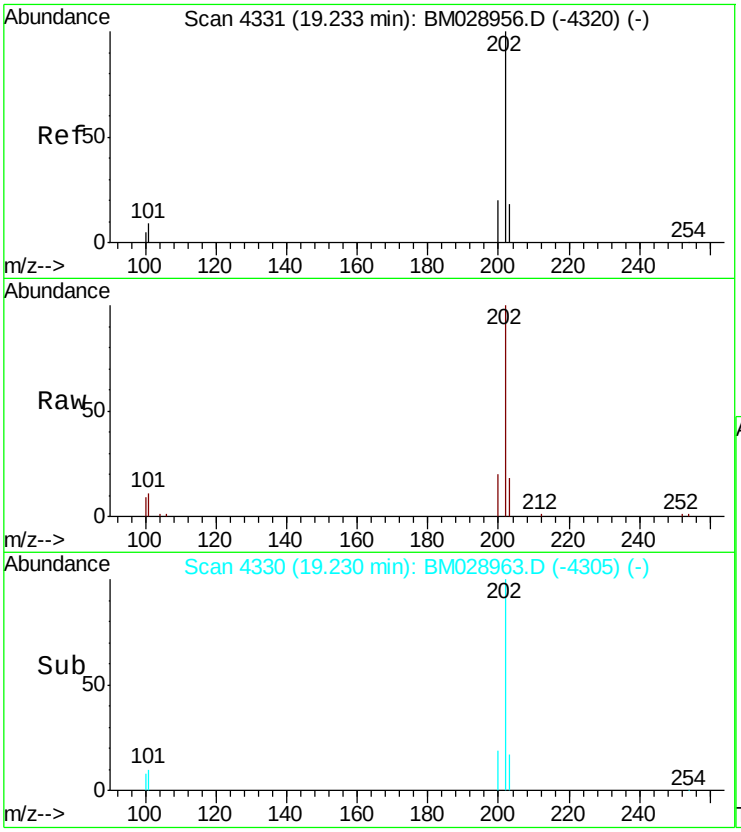


#13
Anthracene
Concen: 1.481 ng/ul
RT: 17.31 min Scan# 3796
Delta R.T. -0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:178 Resp: 5289

Ion	Ratio	Lower	Upper
178	100		
179	17.0	15.0	22.4
176	19.1	16.6	24.8

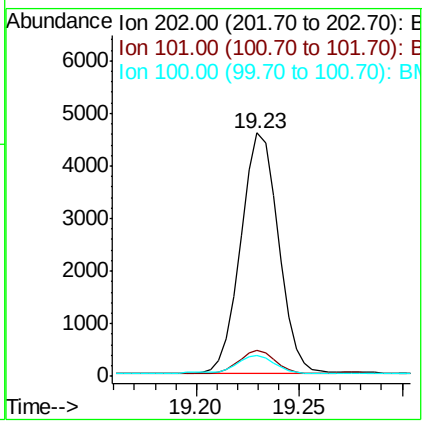




#15
Fluoranthene
Concen: 1.362 ng/ul
RT: 19.23 min Scan# 4330
Delta R.T. -0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:202 Resp: 5805

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.5
100	8.6	0.0	31.7



Instrument :
BNA_M
ClientSampleId :
DBGJ5

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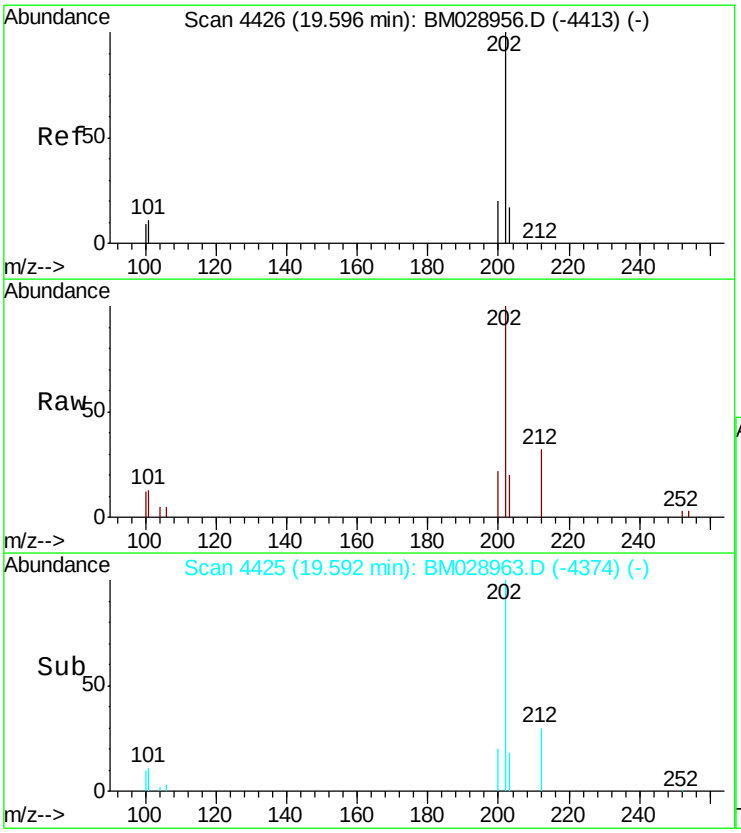

#17
Pyrene
Concen: 0.600 ng/ul m
RT: 19.59 min Scan# 4425
Delta R.T. -0.00 min
Lab File: BM028963.D
Acq: 01 Mar 2021 14:03

Tgt Ion:202 Resp: 2272

Ion	Ratio	Lower	Upper
202	100		
101	13.3	12.7	19.1
100	11.9	10.2	15.4