Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102020\
Data File : BN012377.D
Acq On : 20 Oct 2020 12:05
Operator : CG/JU
Sample : L4425-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X2P73

Manual Integrations APPROVED
mohammad
10/21/2020 12:50:52 PM

Quant Time: Oct 20 12:36:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 10:51:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1582	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	6582	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3856	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	7410	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	6084	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	6218	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3476	0.36	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	6926	0.34	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	7538	0.397	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	10883	0.902	ng/ul	100
7) Acenaphthylene	13.95	152	9096	0.544	ng/ul	99
8) Acenaphthene	14.30	153	17647	1.248	ng/ul	100
11) Pentachlorophenol	16.64	266	2141	1.000	ng/ul	98
12) Phenanthrene	17.03	178	13034	0.552	ng/ul	99
15) Fluoranthene	19.05	202	24104	0.873	ng/ul	98
17) Pyrene	19.41	202	19587	0.714	ng/ul	99
18) Benzo(a)anthracene	21.17	228	11753	0.522	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	19755	0.787	ng/ul	90
22) Benzo(k)fluoranthene	22.76	252	23885m	0.859	ng/ul	
23) Benzo(a)pyrene	23.26	252	12562	0.514	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.52	276	23582	0.751	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	23800	0.948	ng/ul	92
26) Benzo(g,h,i)perylene	26.19	276	26219	0.911	ng/ul	96

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

Quantitation Report (QT Reviewed)

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Instrument :
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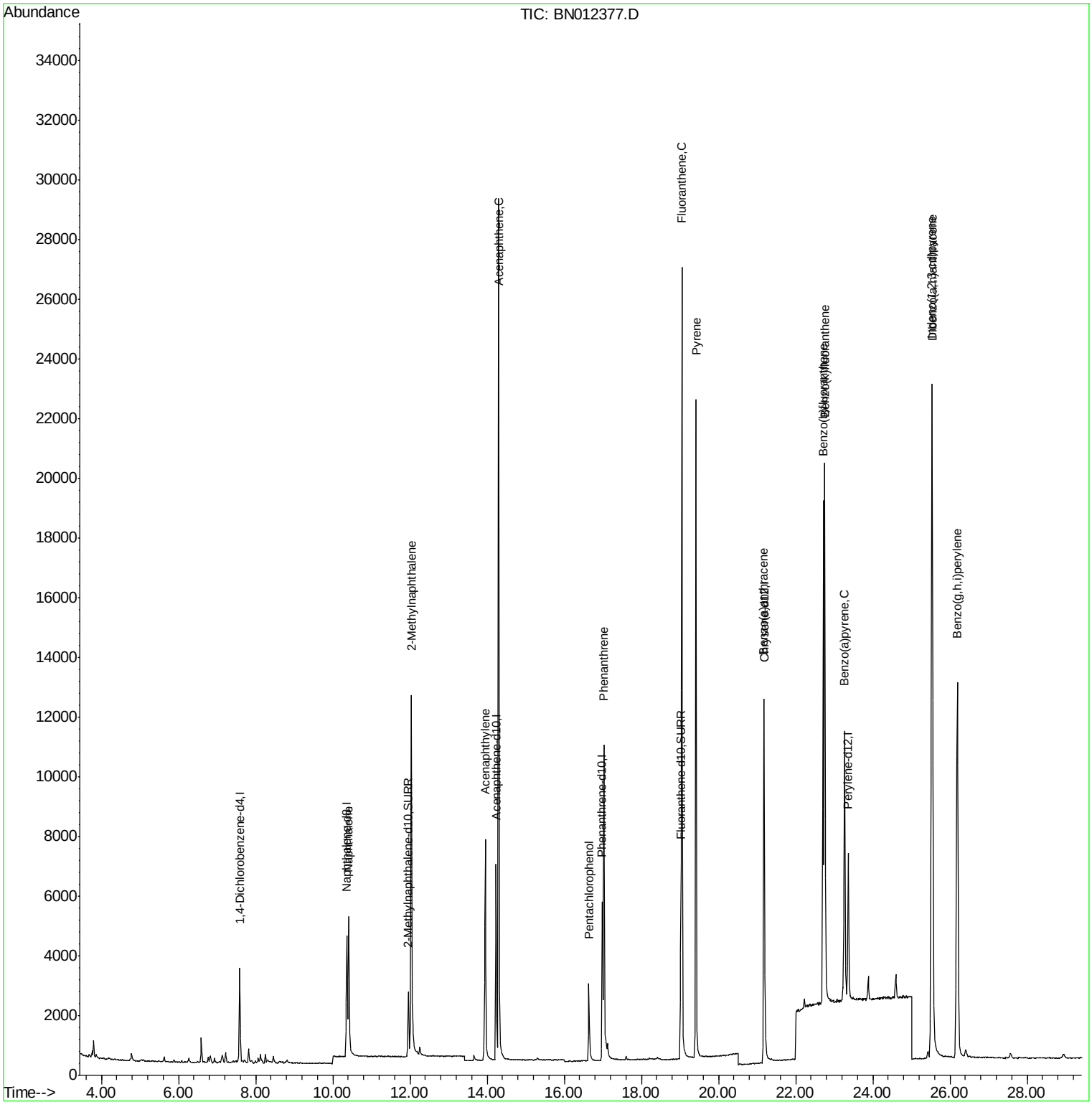
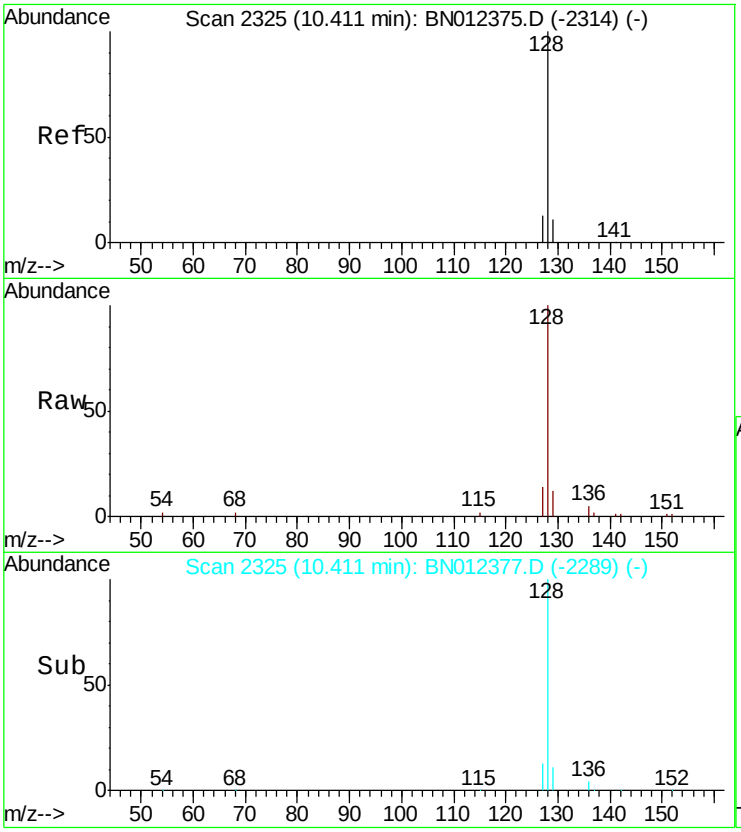
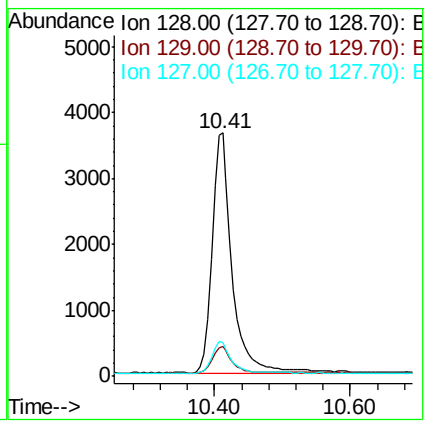




#3
Naphthalene
Concen: 0.397 ng/ul
RT: 10.41 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:128 Resp: 7538

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	13.9	11.4	17.2



Instrument :
BNA_N
ClientSampleId :
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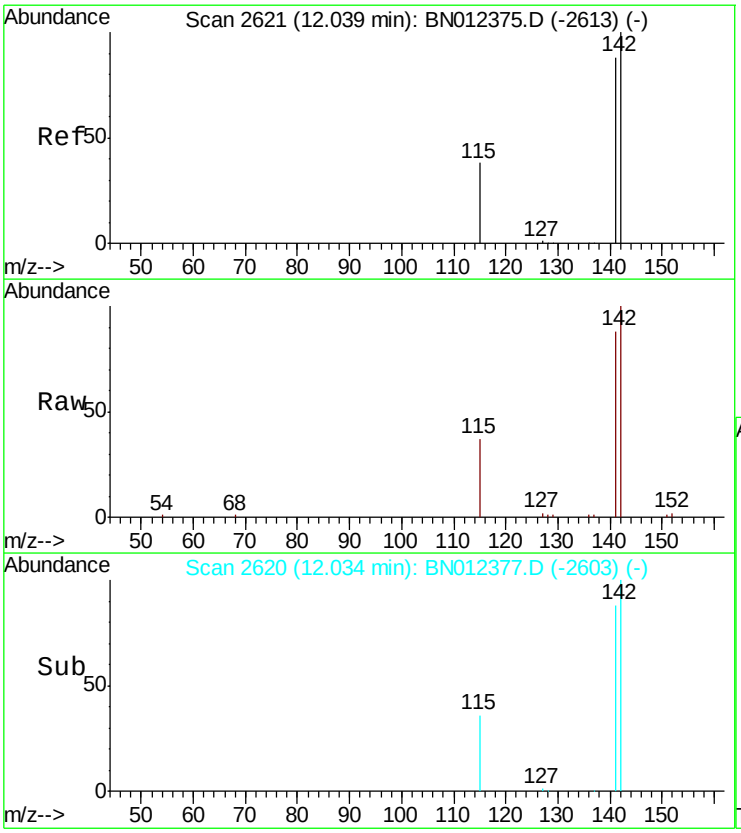
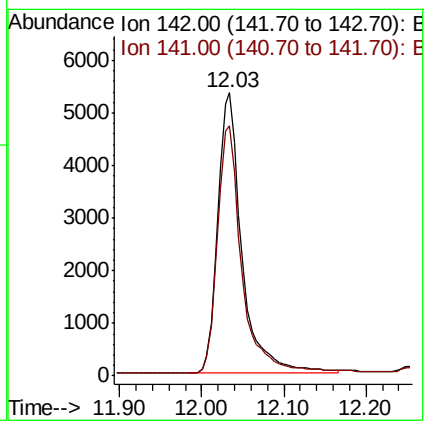
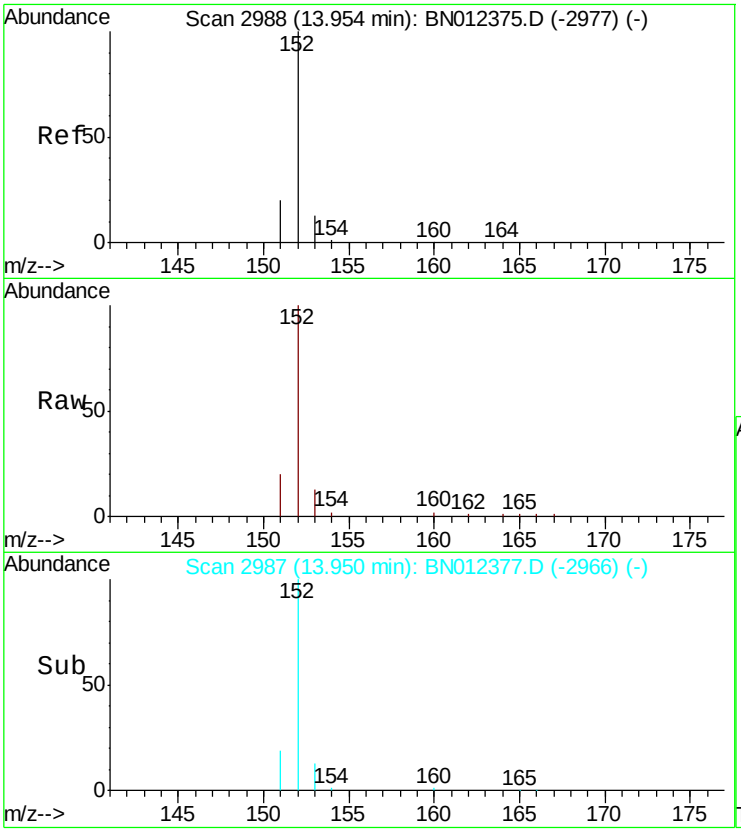


#5
2-Methylnaphthalene
Concen: 0.902 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:142 Resp: 10883

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2

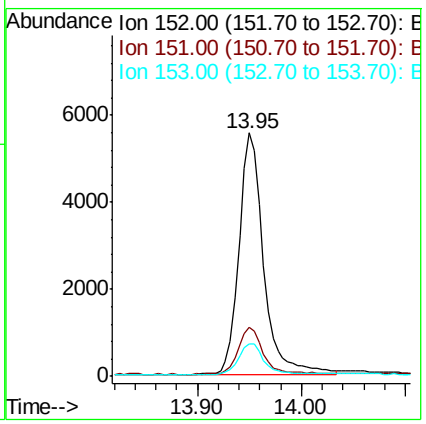




#7
Acenaphthylene
Concen: 0.544 ng/ul
RT: 13.95 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:152 Resp: 9096

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	24.8
153	13.3	11.4	17.0



Instrument :
BNA_N
ClientSampleId :
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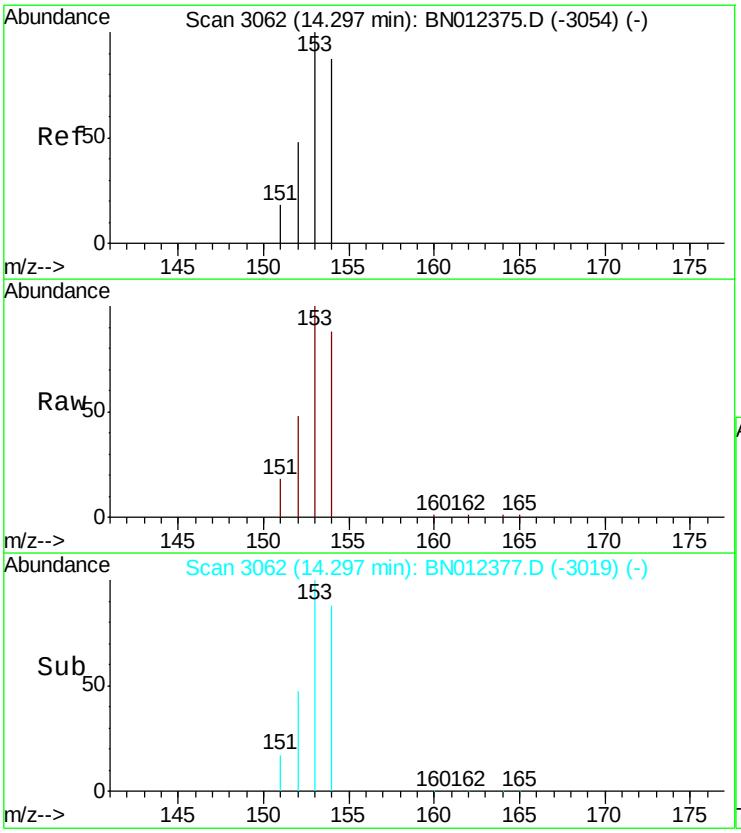
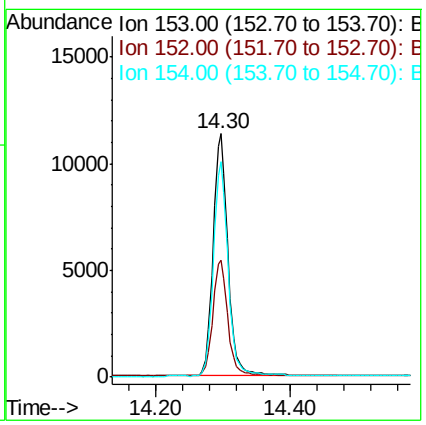
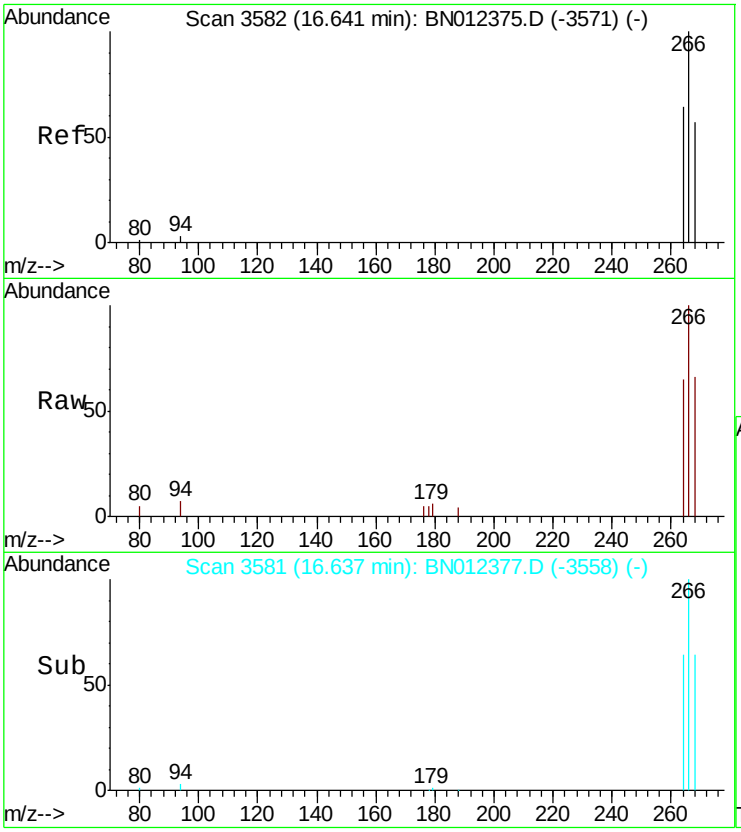


#8
Acenaphthene
Concen: 1.248 ng/ul
RT: 14.30 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:153 Resp: 17647

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.5	57.7
154	88.5	70.7	106.1

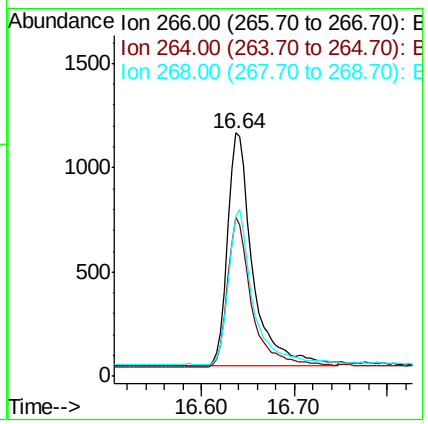




#11
Pentachlorophenol
Concen: 1.000 ng/ul
RT: 16.64 min Scan# 3581
Delta R.T. -0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:266 Resp: 2141

Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.5	74.3
268	65.2	50.5	75.7



Instrument :
BNA_N
ClientSampleId :
X2P73

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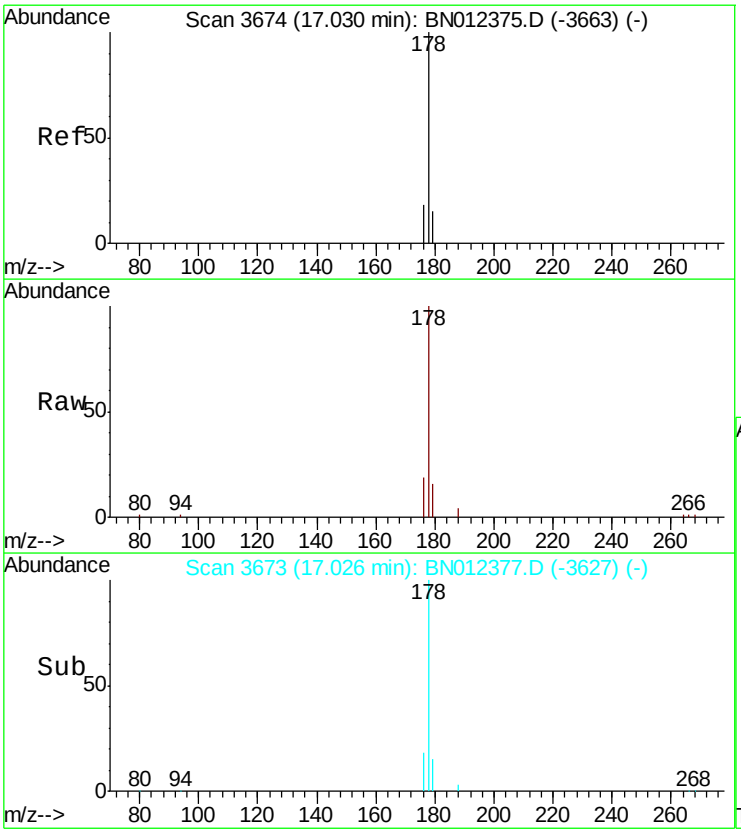
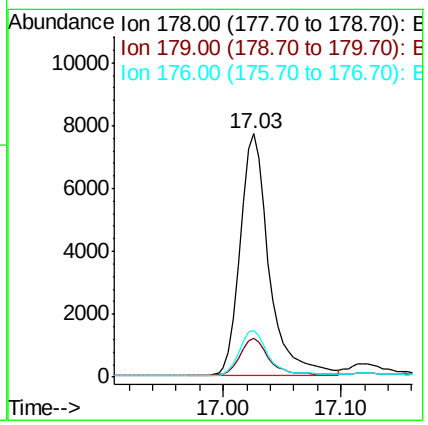
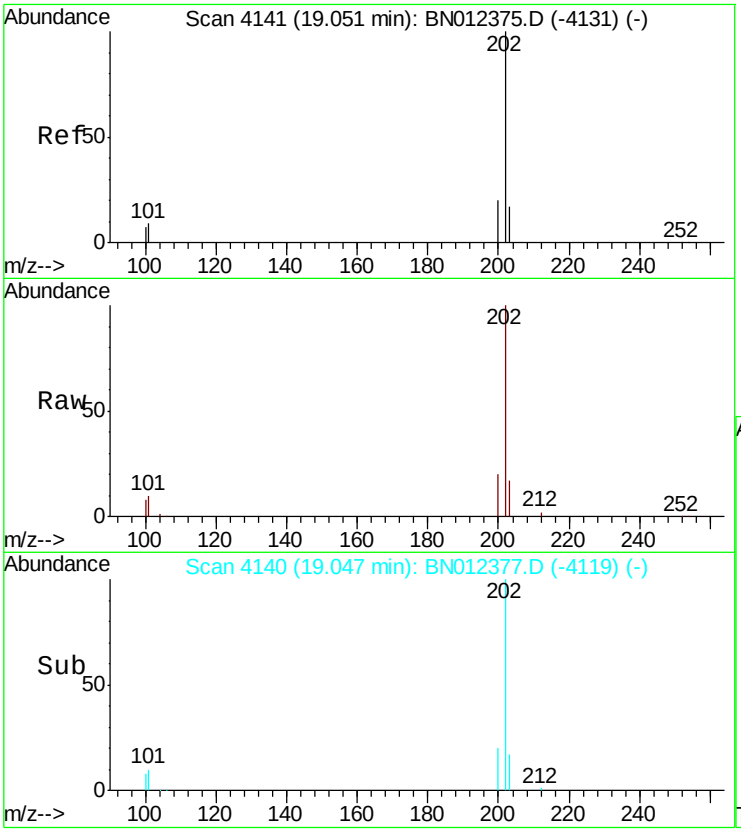


#12
Phenanthrene
Concen: 0.552 ng/ul
RT: 17.03 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:178 Resp: 13034

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.1	19.7
176	19.0	15.8	23.8

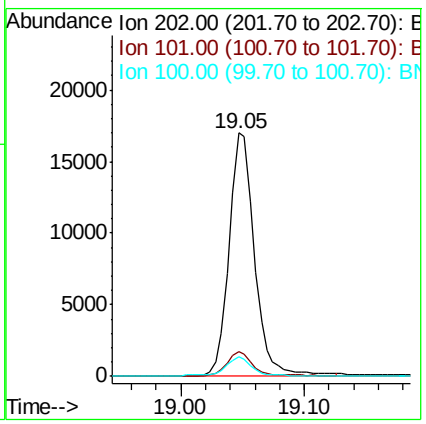




#15
Fluoranthene
Concen: 0.873 ng/ul
RT: 19.05 min Scan# 4140
Delta R.T. -0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:202 Resp: 24104

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.1
100	7.9	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
X2P73

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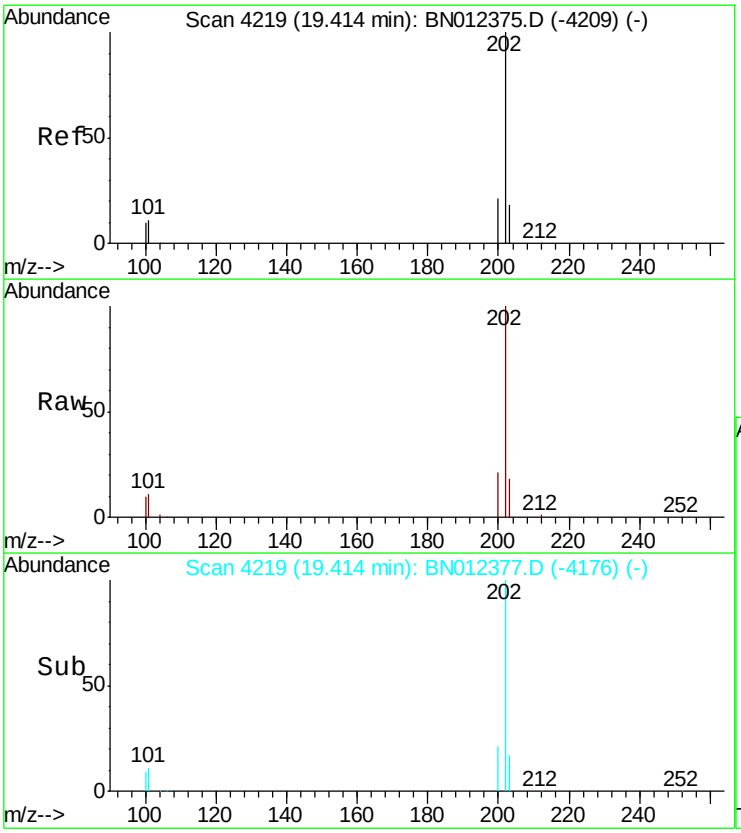
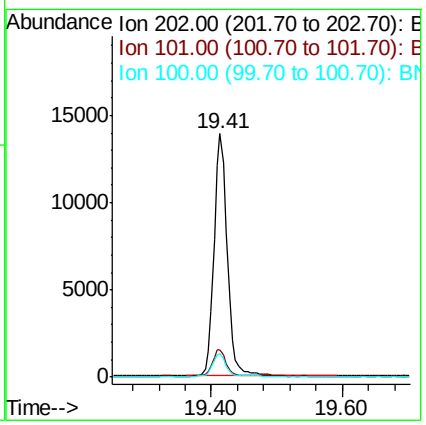
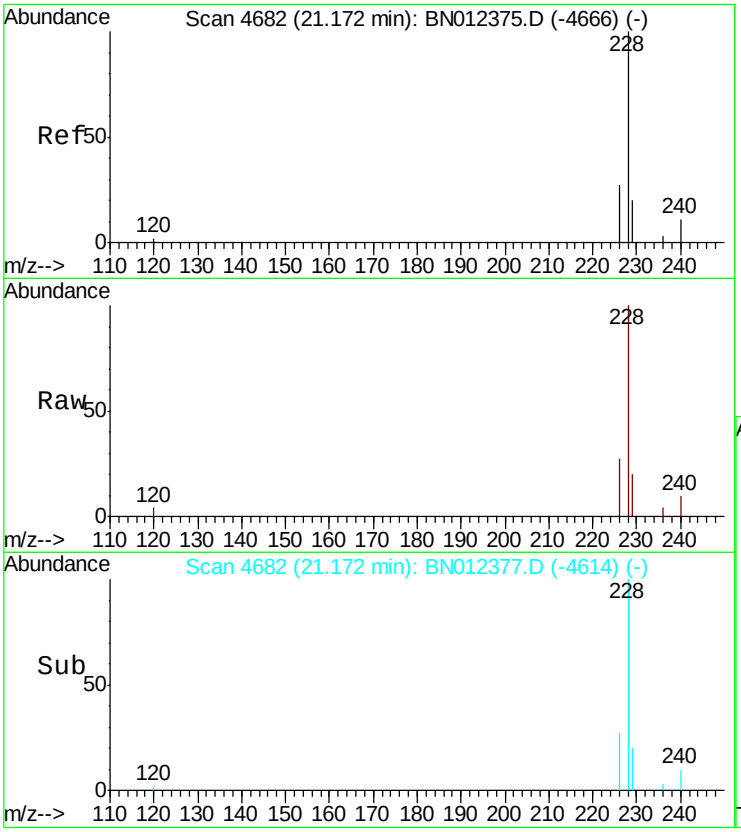


#17
Pyrene
Concen: 0.714 ng/ul
RT: 19.41 min Scan# 4219
Delta R.T. 0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:202 Resp: 19587

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.6	14.4
100	9.6	7.8	11.8

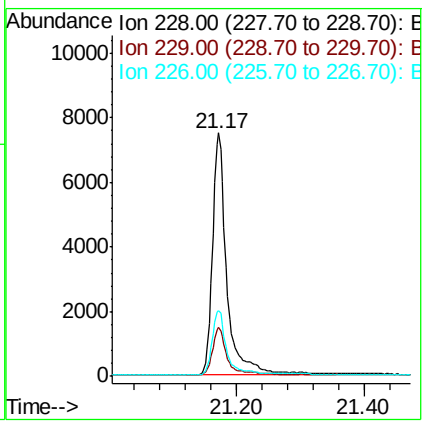




#18
Benzo(a)anthracene
Concen: 0.522 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. 0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:228 Resp: 11753

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.2	24.4
226	27.0	21.2	31.8



Instrument :
BNA_N
ClientSampleId :
X2P73

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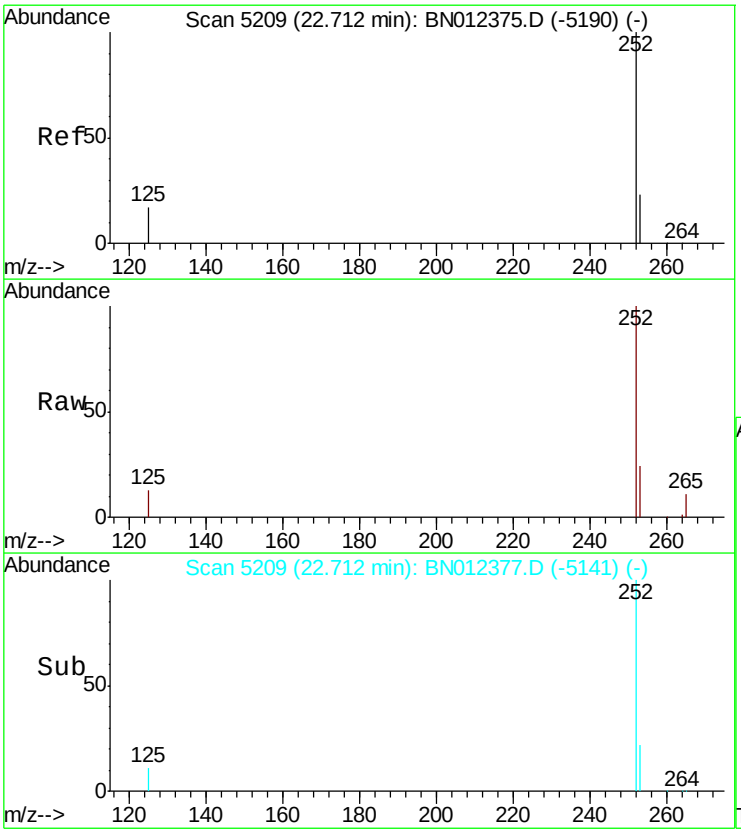
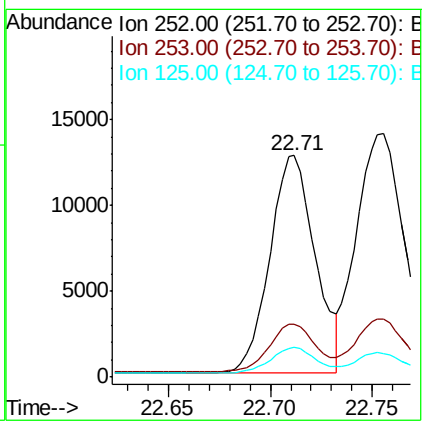
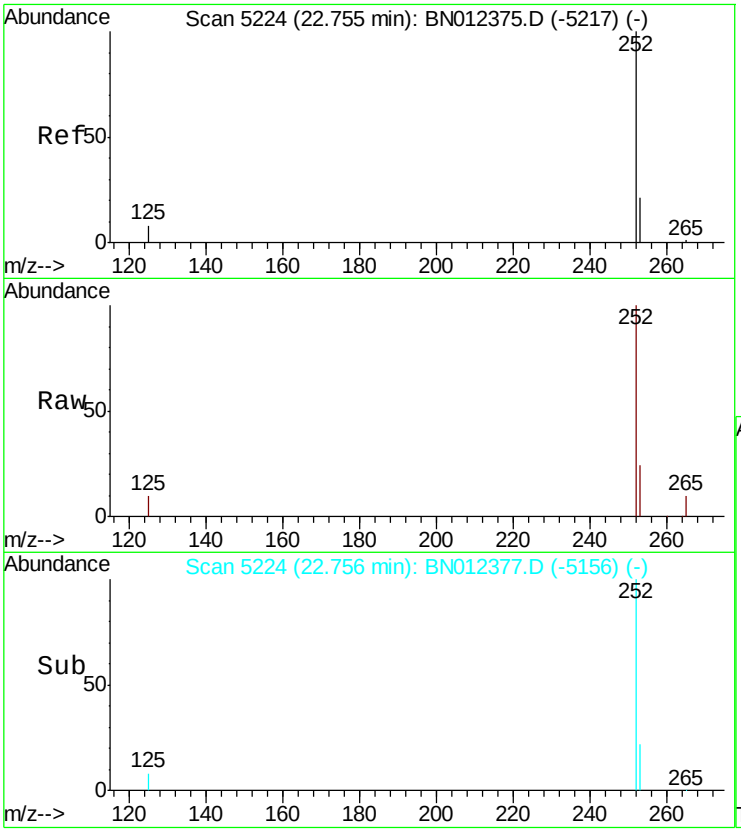


#21
Benzo(b)fluoranthene
Concen: 0.787 ng/ul
RT: 22.71 min Scan# 5209
Delta R.T. 0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:252 Resp: 19755

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	56.4
125	13.3	0.0	37.8





#22
Benzo(k)fluoranthene
Concen: 0.859 ng/ul m
RT: 22.76 min Scan# 5224
Delta R.T. 0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:252 Resp: 23885

Ion	Ratio	Lower	Upper
252	100		
253	24.0	22.2	33.4
125	9.7	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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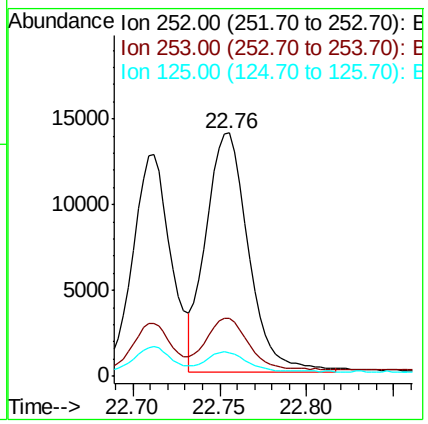
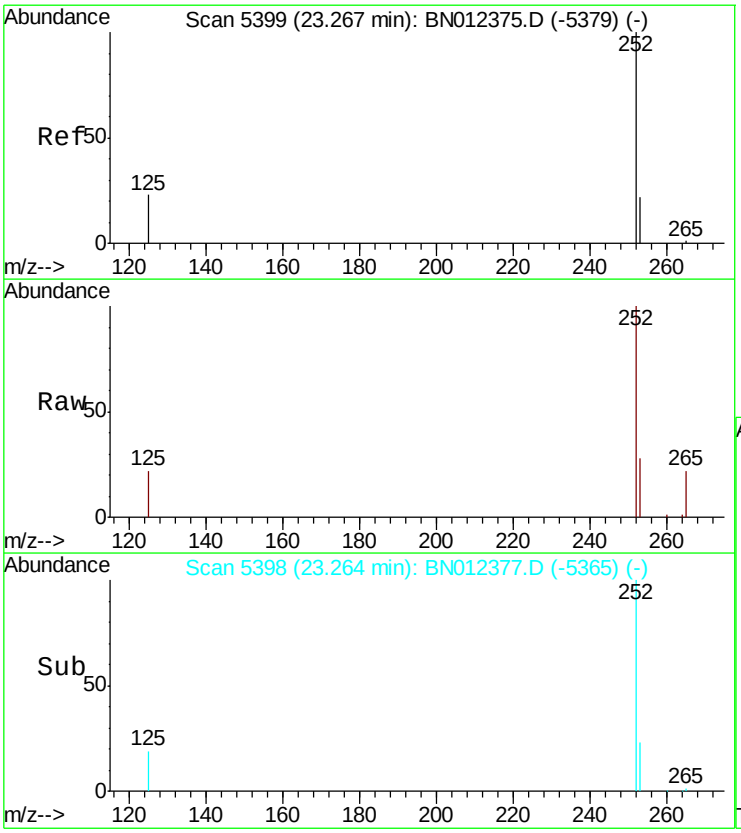
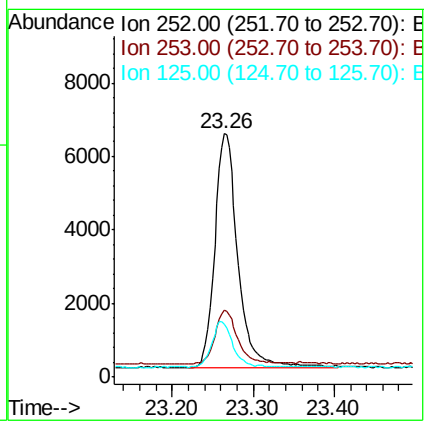


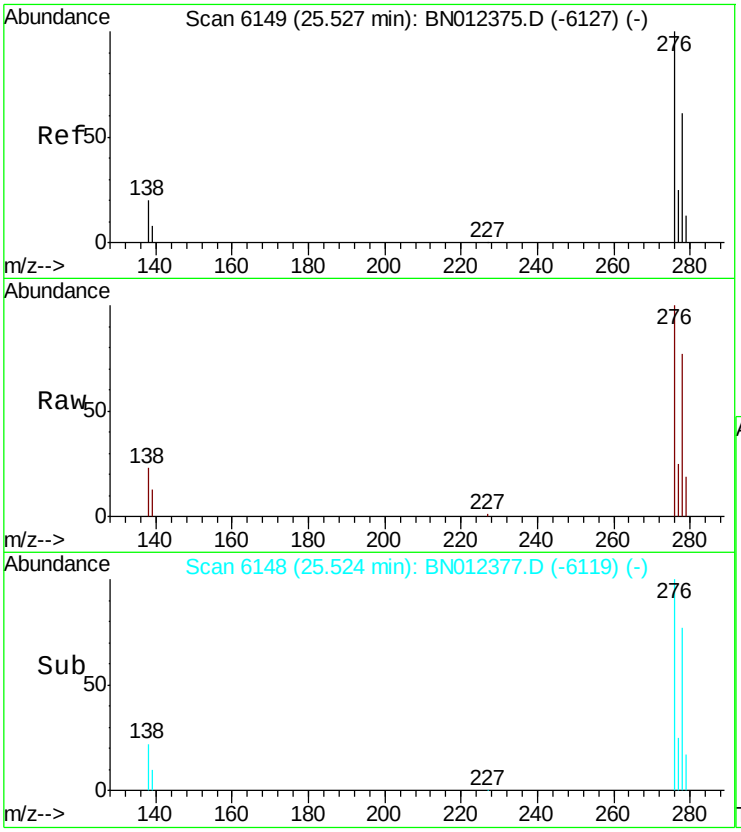


#23
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 23.26 min Scan# 5398
Delta R.T. -0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:252 Resp: 12562

Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.8	35.6
125	21.9	19.3	28.9





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.751 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. -0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:276 Resp: 23582

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.0	25.6
227	0.2	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
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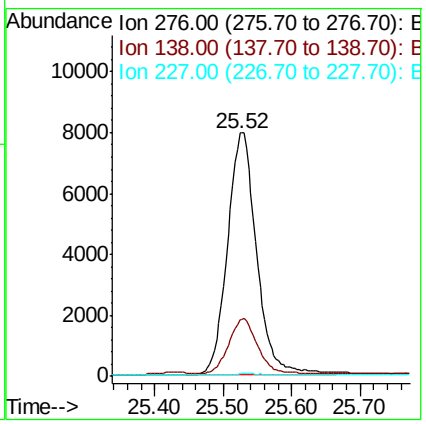
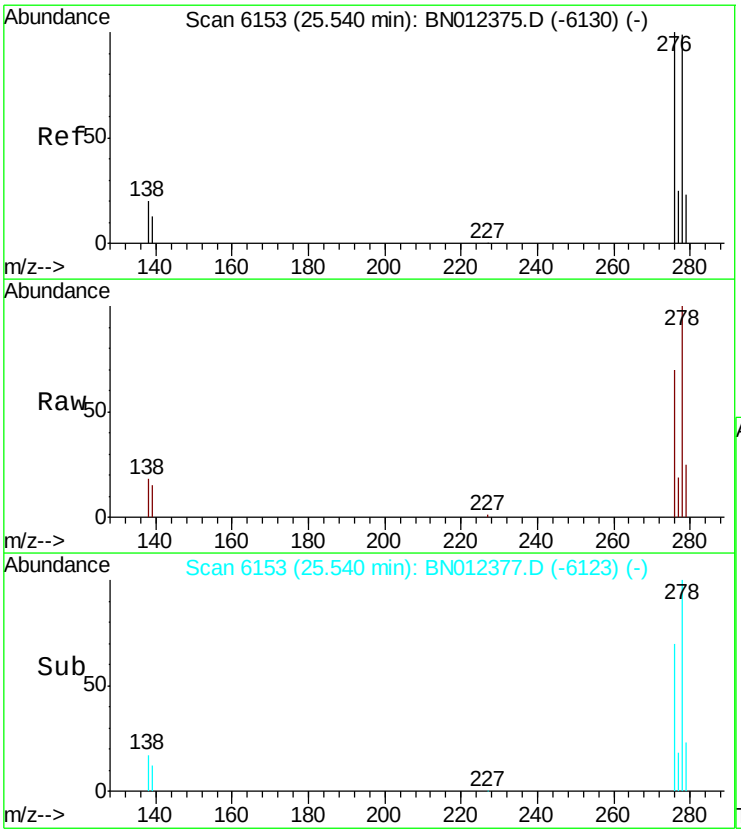
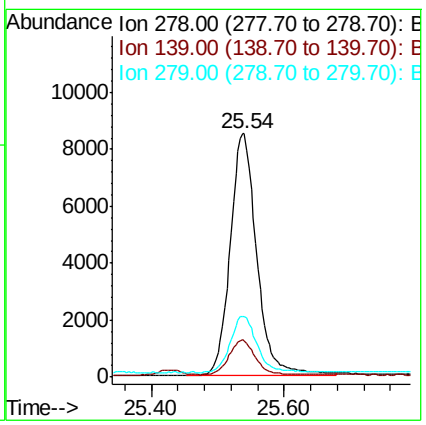


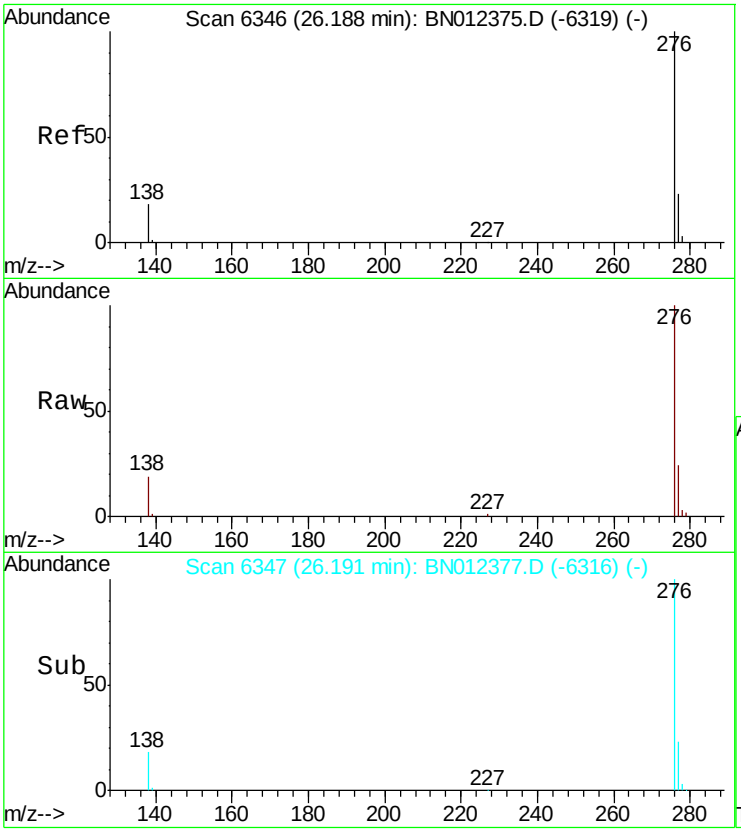


#25
Dibenzo(a,h)anthracene
Concen: 0.948 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. 0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:278 Resp: 23800

Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.8	20.8
279	25.1	23.8	35.8

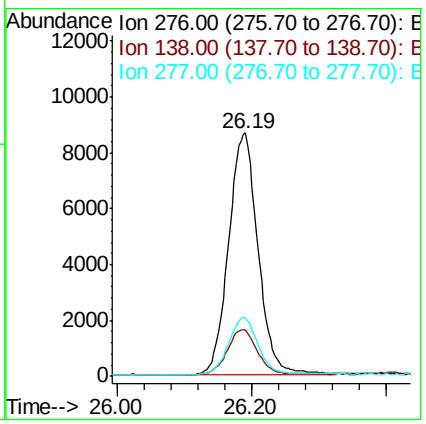




#26
Benzo(g,h,i)perylene
Concen: 0.911 ng/ul
RT: 26.19 min Scan# 6347
Delta R.T. 0.00 min
Lab File: BN012377.D
Acq: 20 Oct 2020 12:05

Tgt Ion:276 Resp: 26219

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.6	24.8
277	24.0	20.7	31.1



Instrument :
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ClientSampleId :
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