Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008316.D
Acq On : 22 Oct 2019 15:59
Operator : JU
Sample : K5199-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPJ5DL

Manual Integrations APPROVED
mohammad
10/23/2019 8:06:40 AM

Quant Time: Oct 22 17:36:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 13:04:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1729	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8037	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5197	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11549	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11883	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	12775	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	746	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	2595	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	643	0.028	ng/ul#	71
5) 2-Methylnaphthalene	12.03	142	328	0.021	ng/ul	97
7) Acenaphthylene	13.94	152	2305	0.093	ng/ul#	93
8) Acenaphthene	14.28	153	1151	0.060	ng/ul	96
9) Fluorene	15.27	166	1466	0.067	ng/ul#	96
12) Phenanthrene	17.01	178	34227	1.012	ng/ul	99
13) Anthracene	17.10	178	6237	0.210	ng/ul	97
15) Fluoranthene	19.04	202	90961	2.037	ng/ul	100
17) Pyrene	19.40	202	101723	2.150	ng/ul	99
18) Benzo(a)anthracene	21.16	228	58946	1.364	ng/ul	98
19) Chrysene	21.21	228	66837	1.261	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	70027m	1.684	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	24559m	0.521	ng/ul	
23) Benzo(a)pyrene	23.26	252	49246	1.125	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.51	276	28005	0.543	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.51	278	7757	0.190	ng/ul	91
26) Benzo(g,h,i)perylene	26.16	276	21835	0.462	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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Acq On : 22 Oct 2019 15:59
Operator : JU
Sample : K5199-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 22 17:36:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Instrument :
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ClientSampleId :
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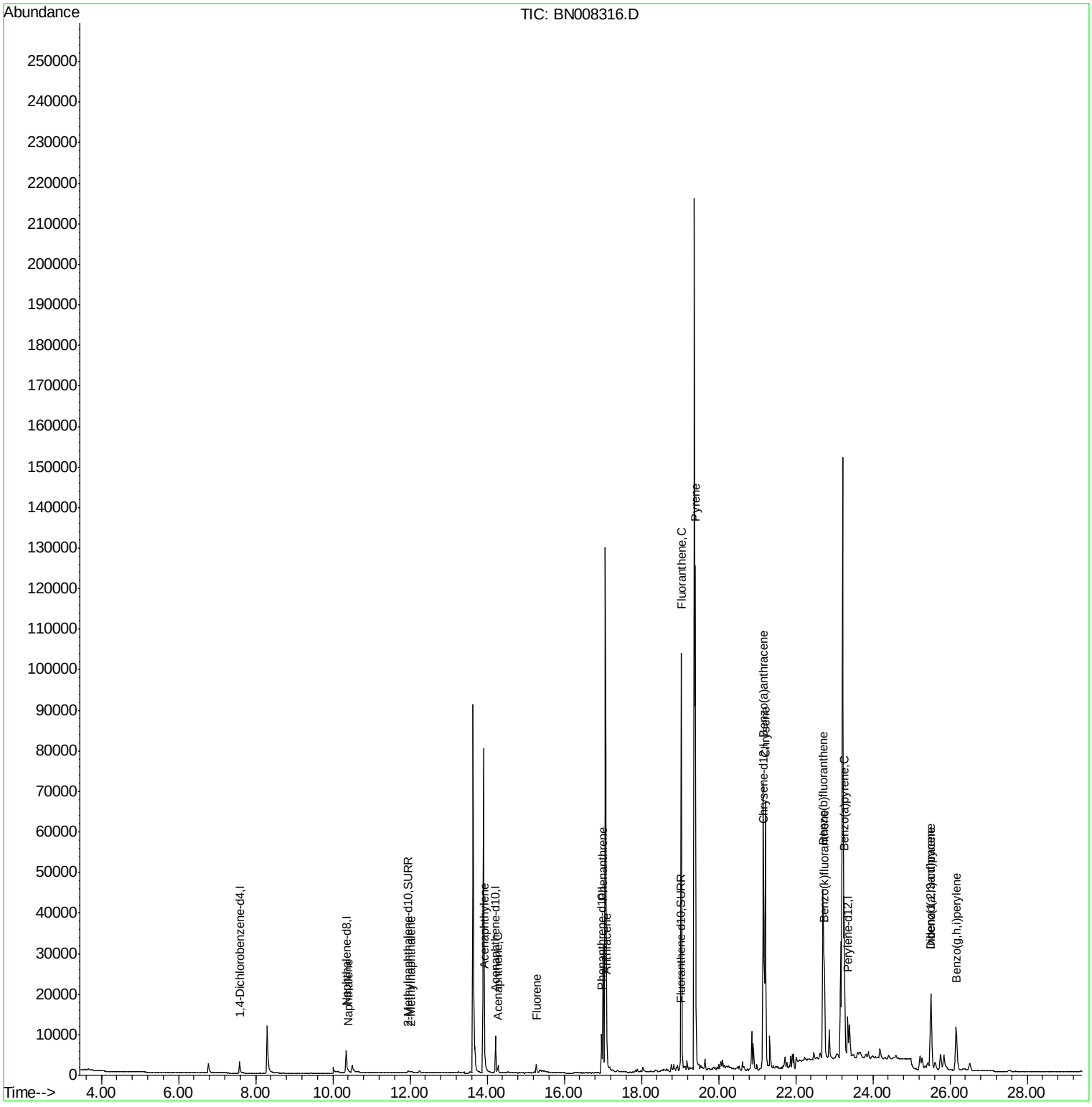

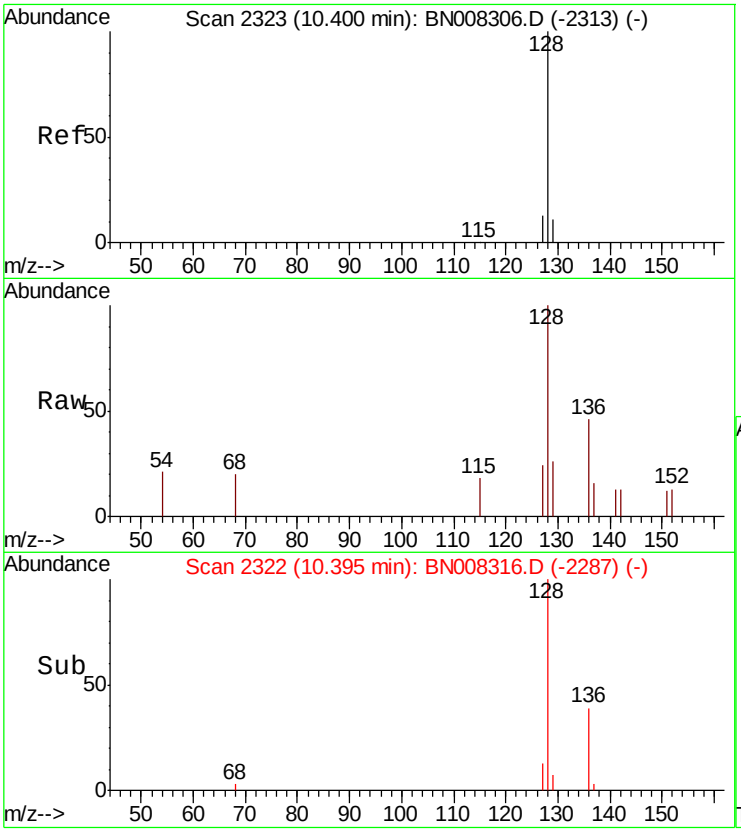

#3
Naphthalene
Concen: 0.028 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:128 Resp: 643

Ion	Ratio	Lower	Upper
128	100		
129	25.7	9.8	14.8#
127	24.0	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
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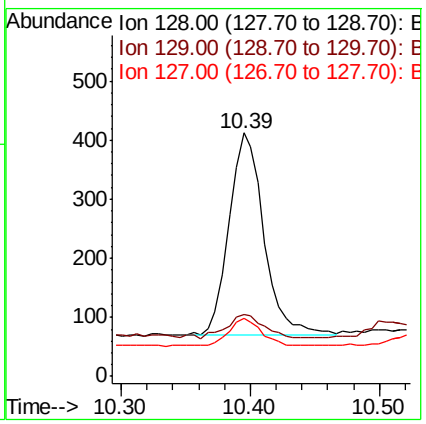
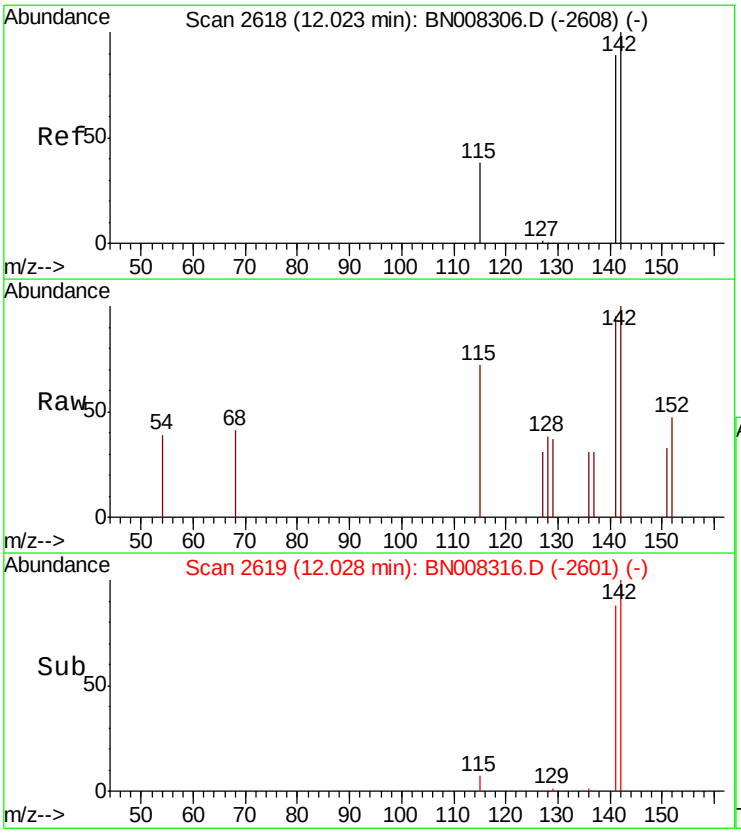
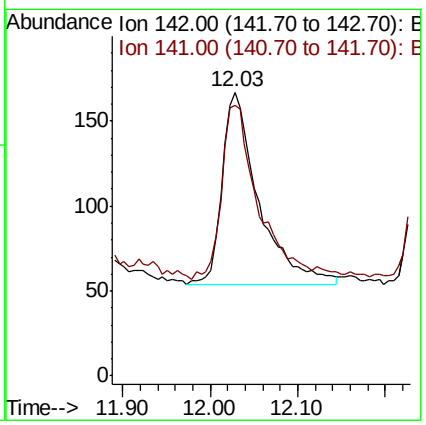


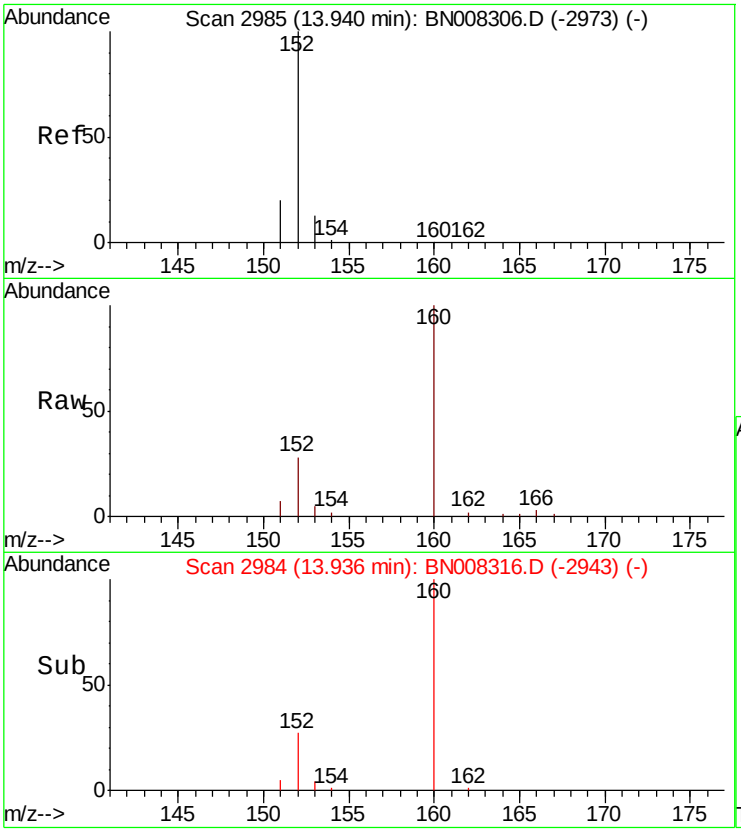


#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.03 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:142 Resp: 328

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.4	107.2

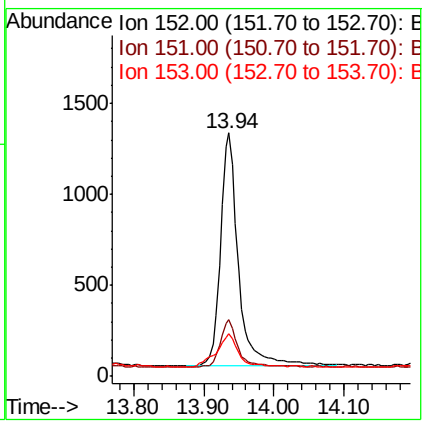




#7
Acenaphthylene
Concen: 0.093 ng/ul
RT: 13.94 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:152 Resp: 2305

Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.2	24.4
153	17.6	11.0	16.4#



Instrument :
BNA_N
ClientSampleId :
BEPJ5DL

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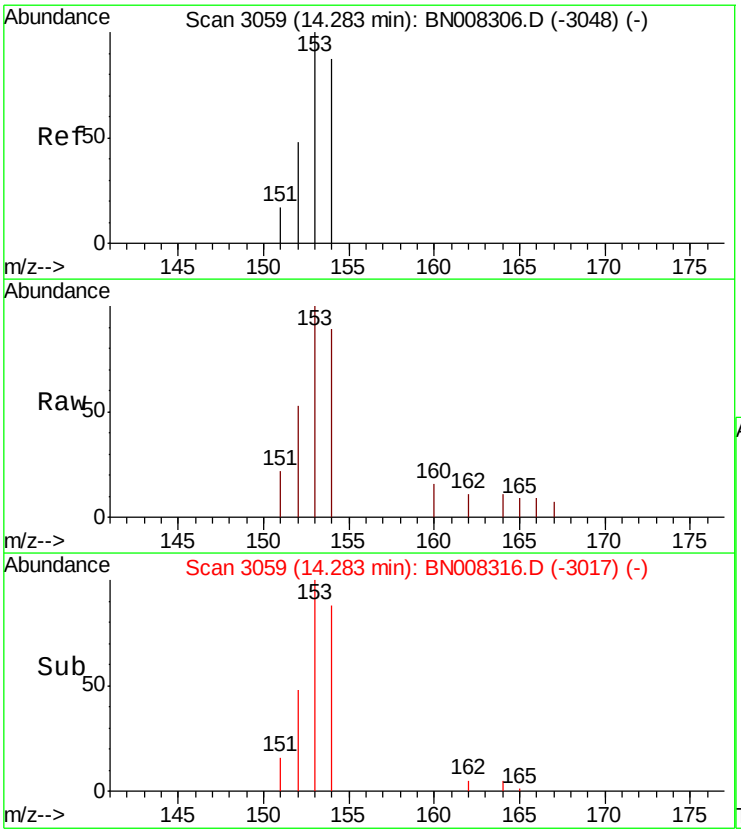
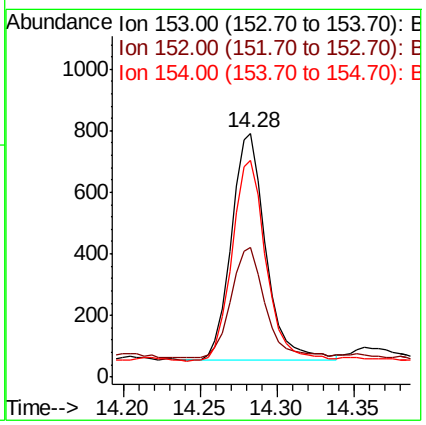
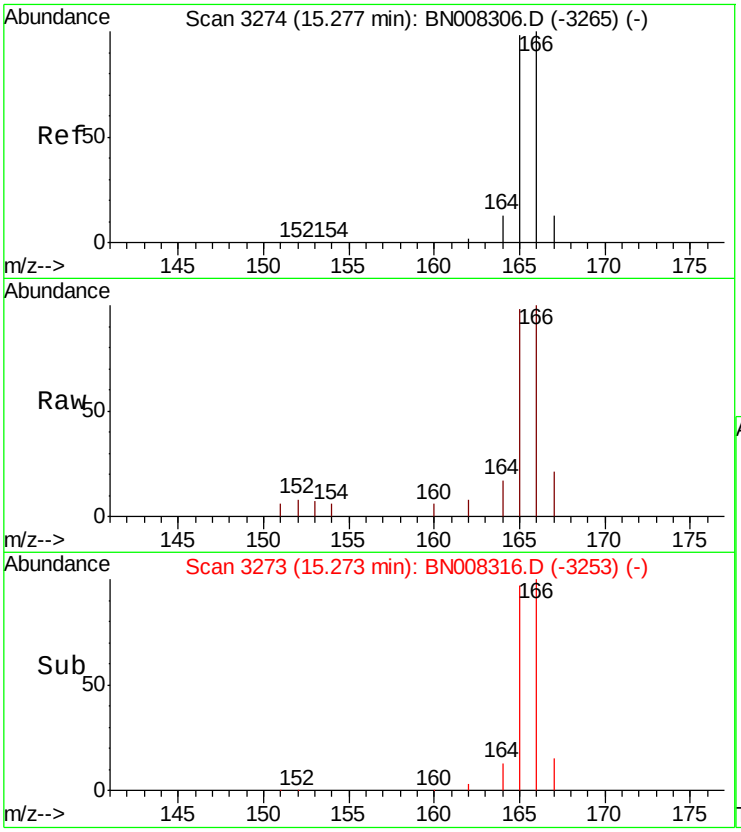


#8
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.28 min Scan# 3059
Delta R.T. -0.00 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:153 Resp: 1151

Ion	Ratio	Lower	Upper
153	100		
152	53.1	38.2	57.2
154	88.7	71.8	107.8





#9
Fluorene
Concen: 0.067 ng/ul
RT: 15.27 min Scan# 3273
Delta R.T. -0.01 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:166 Resp: 1466

Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.6	115.0
167	20.9	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEPJ5DL

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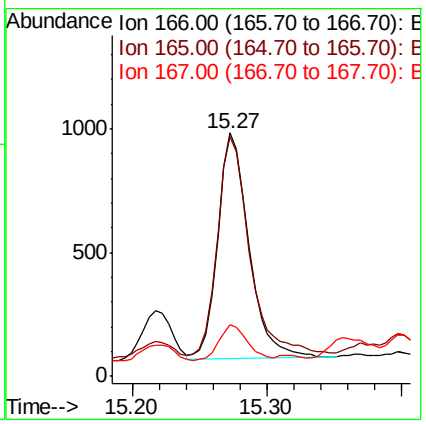
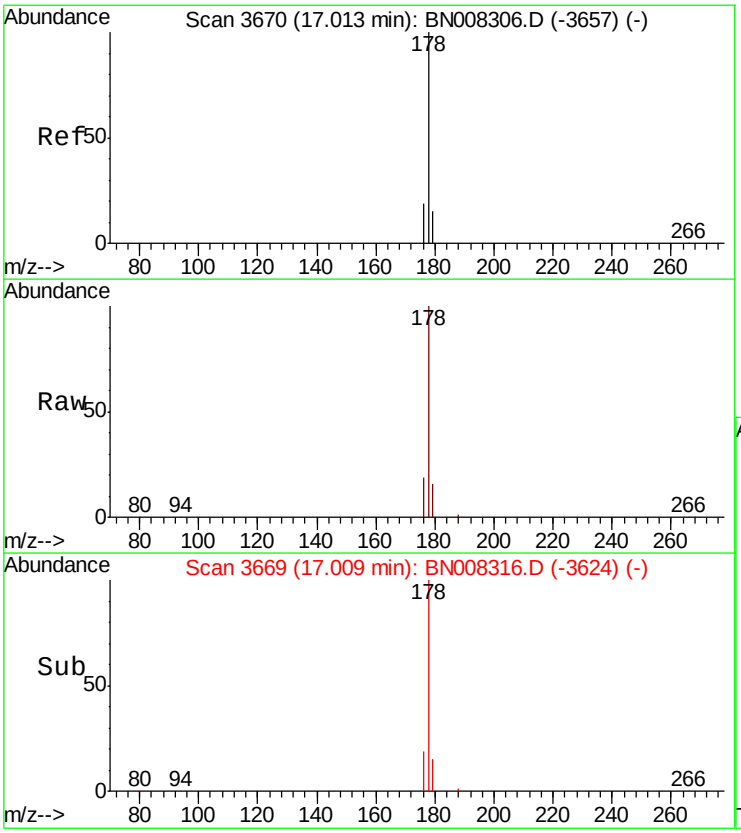
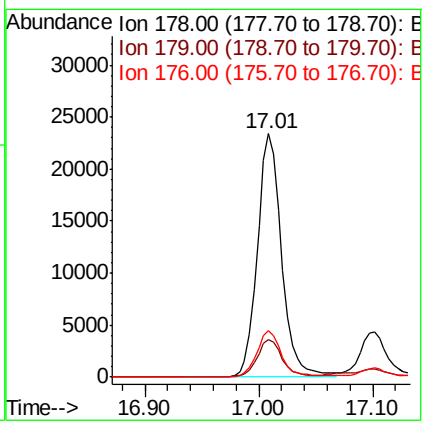


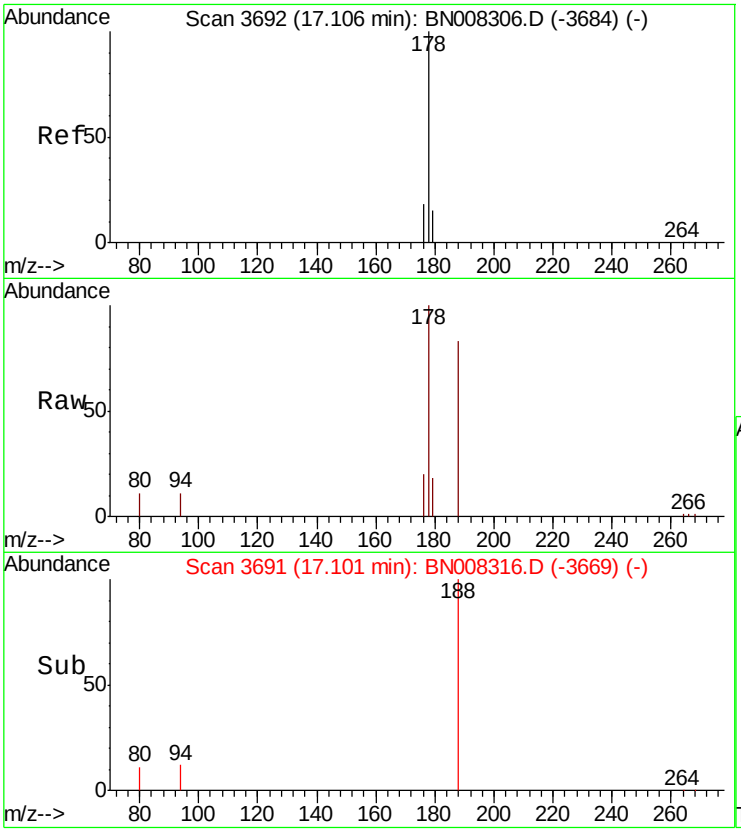


#12
Phenanthrene
Concen: 1.012 ng/ul
RT: 17.01 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:178 Resp: 34227

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.1	15.4	23.2

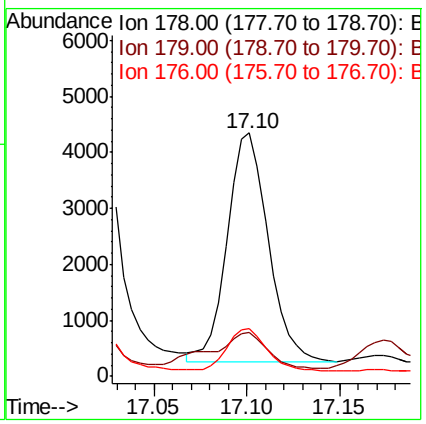




#13
Anthracene
Concen: 0.210 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:178 Resp: 6237

Ion	Ratio	Lower	Upper
178	100		
179	17.9	13.0	19.6
176	19.7	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
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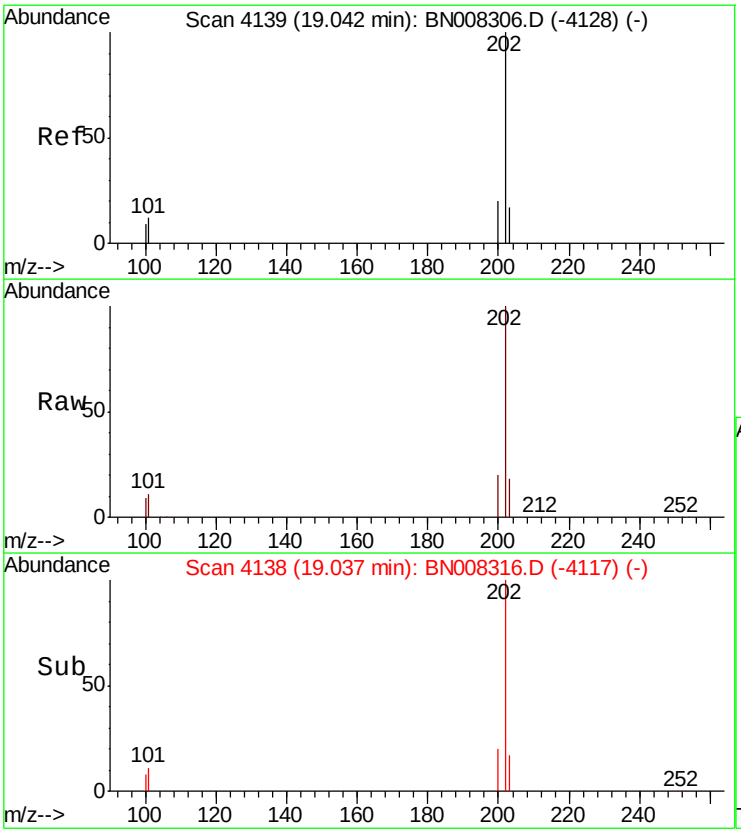
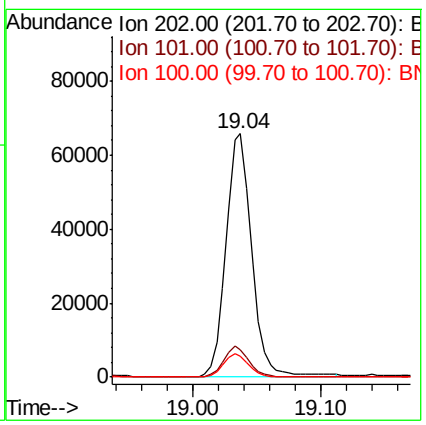
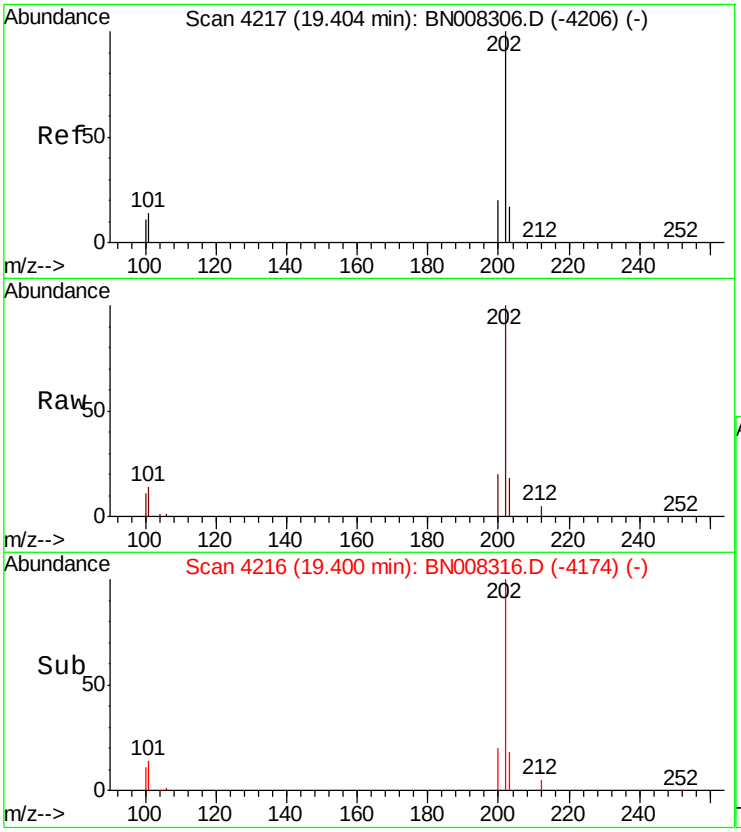


#15
Fluoranthene
Concen: 2.037 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:202 Resp: 90961

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
100	8.5	0.0	28.5

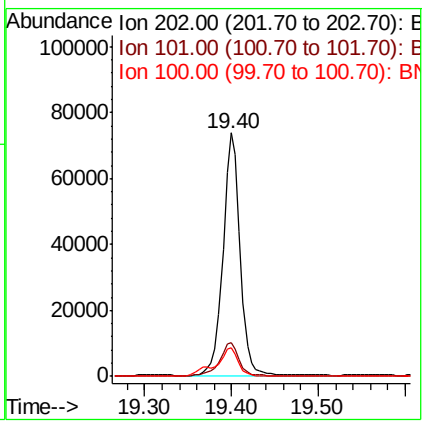




#17
Pyrene
Concen: 2.150 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:202 Resp: 101723

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.9	16.3
100	11.5	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPJ5DL

Manual Integrations APPROVED
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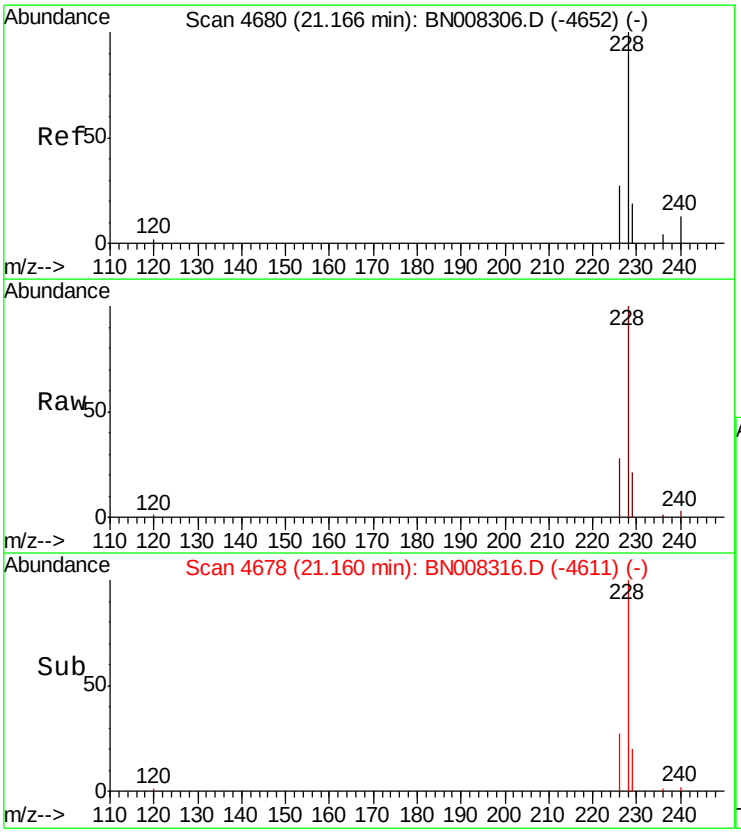
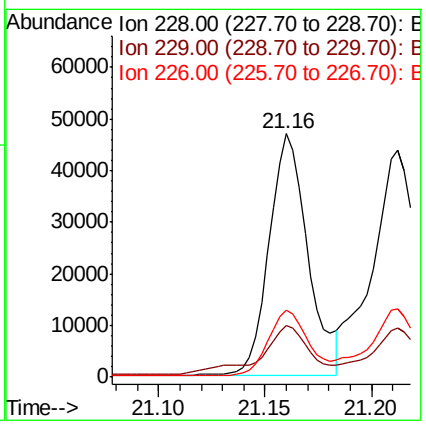
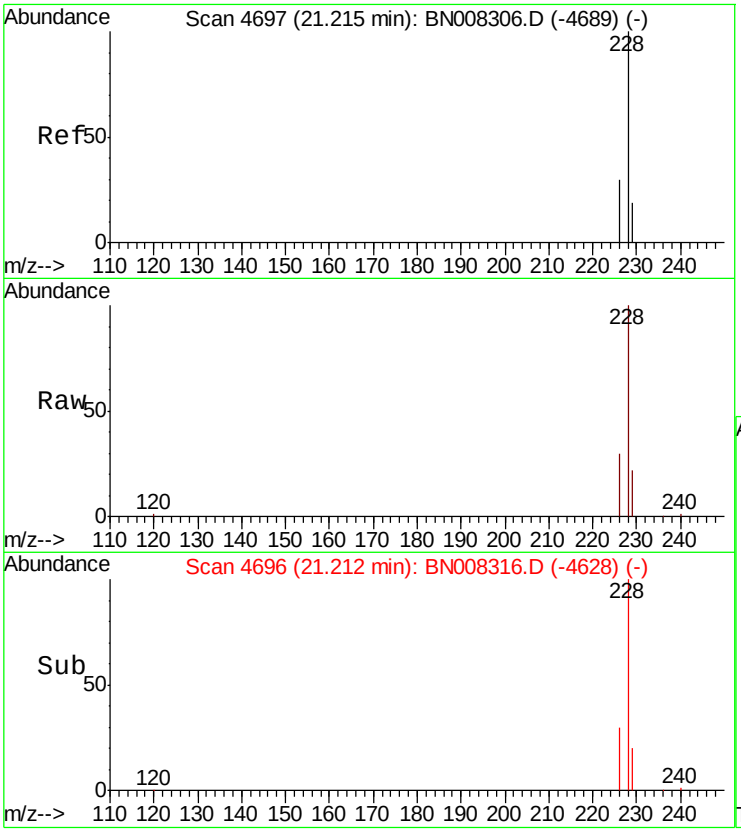


#18
Benzo(a)anthracene
Concen: 1.364 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:228 Resp: 58946

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	27.7	21.4	32.0

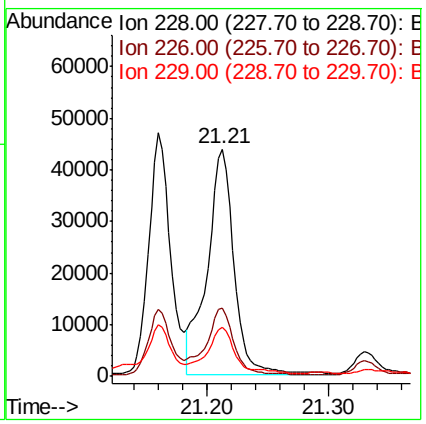




#19
Chrysene
Concen: 1.261 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:228 Resp: 66837

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.5	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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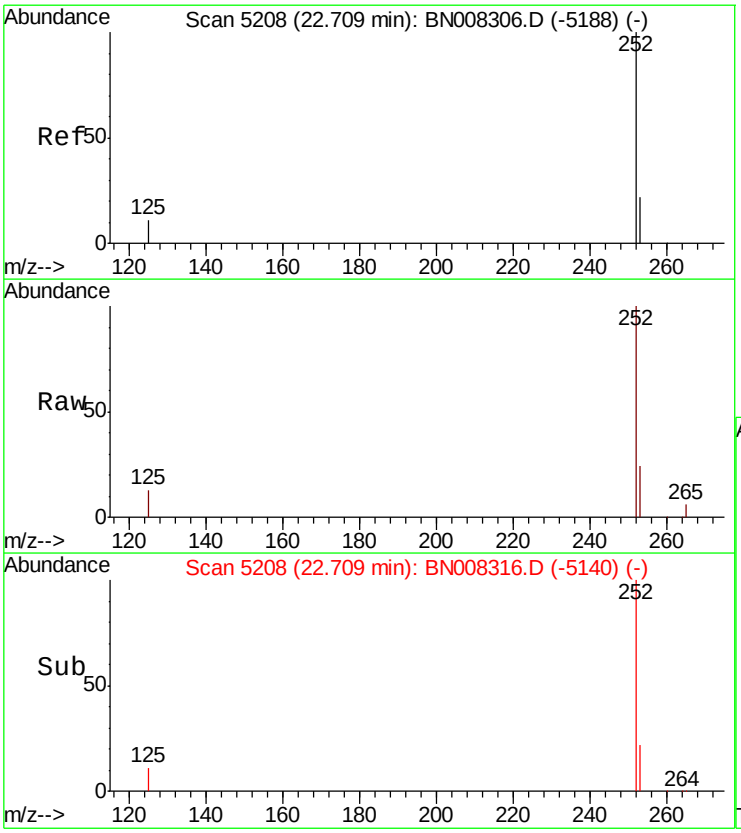
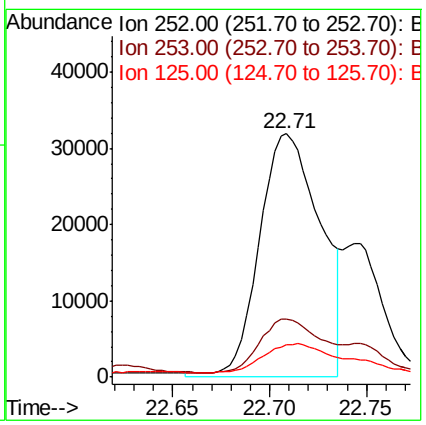
10/23/2019 8:06:40 AM

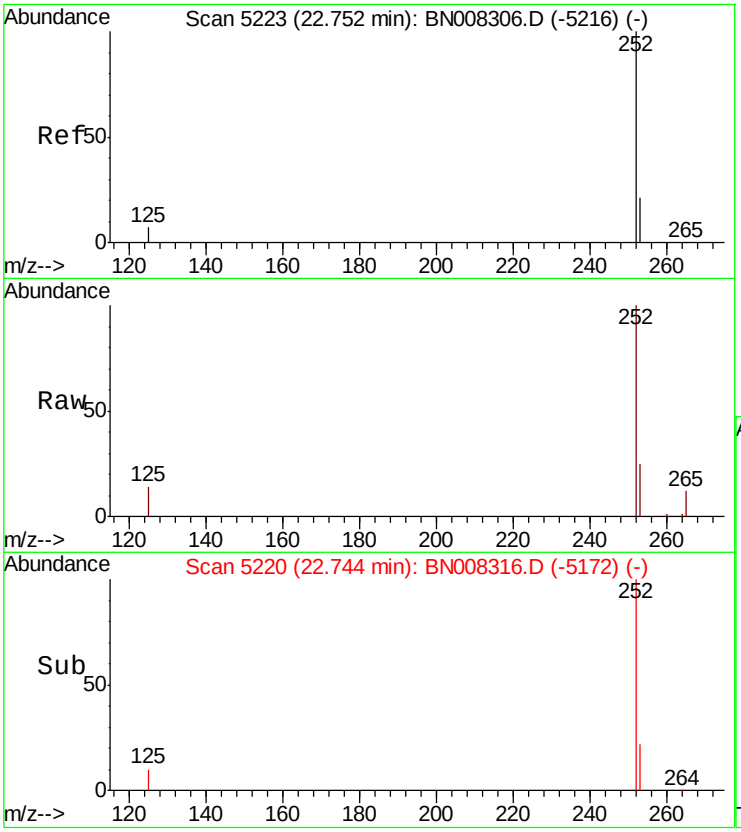


#21
Benzo(b)fluoranthene
Concen: 1.684 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:252 Resp: 70027

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	53.4
125	13.1	0.0	32.4

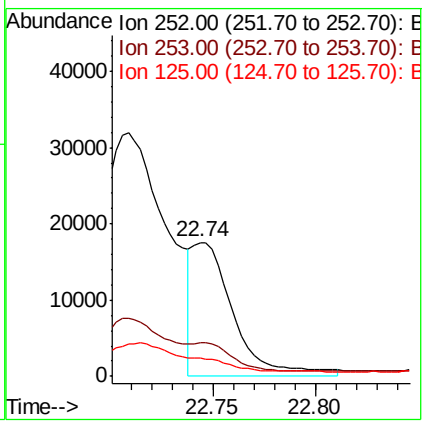




#22
Benzo(k)fluoranthene
Concen: 0.521 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:252 Resp: 24559

Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.3	31.9
125	13.8	12.3	18.5



Instrument :
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ClientSampleId :
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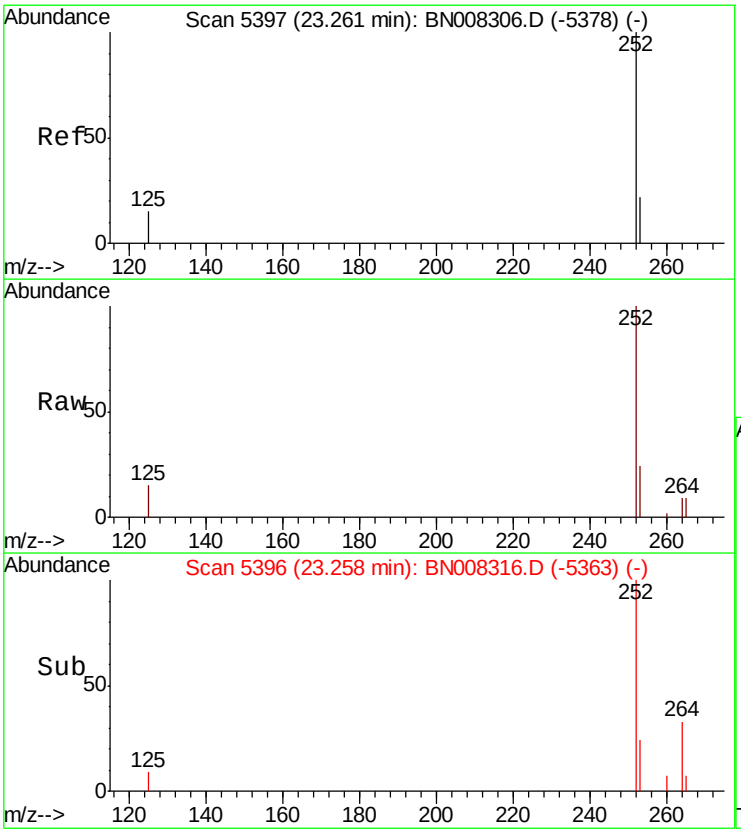
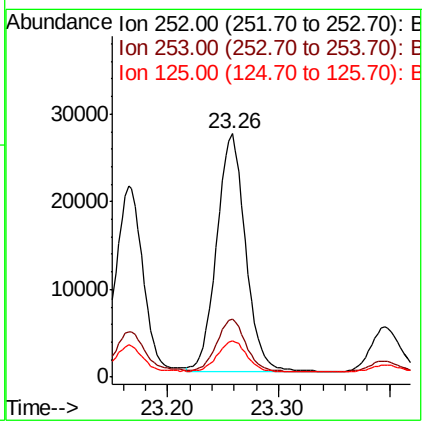
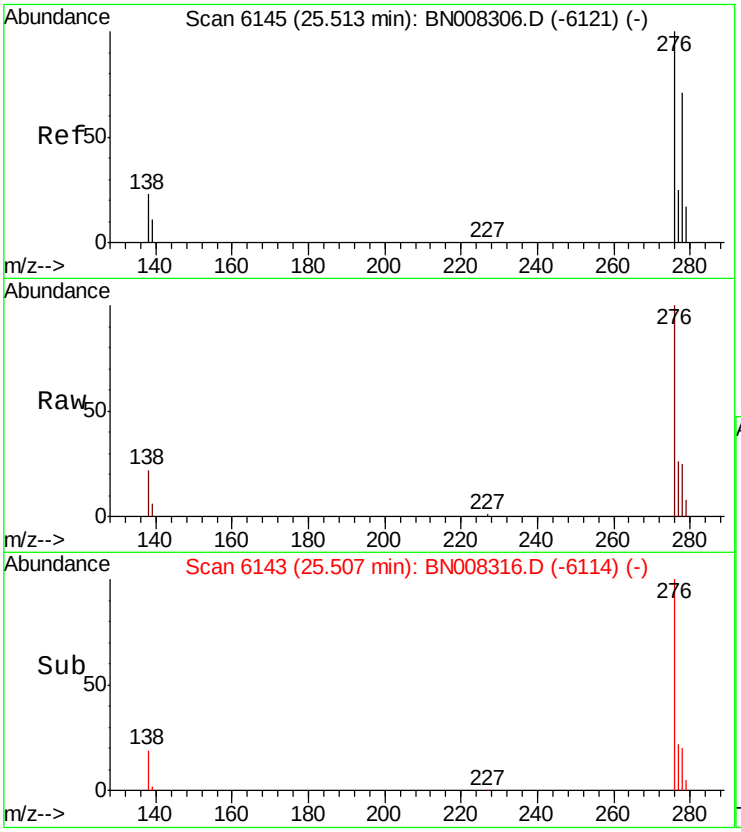


#23
Benzo(a)pyrene
Concen: 1.125 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:252 Resp: 49246

Ion	Ratio	Lower	Upper
252	100		
253	23.9	22.8	34.2
125	14.9	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.543 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.00 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:276 Resp: 28005

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.1	24.1
227	0.2	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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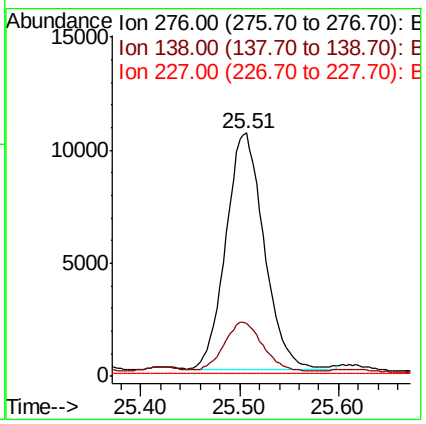
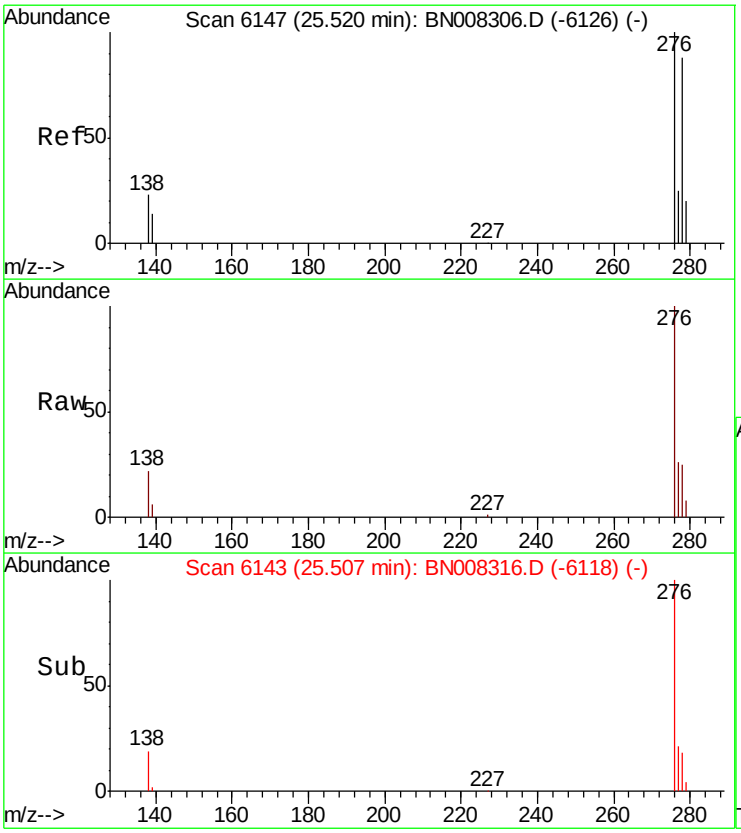
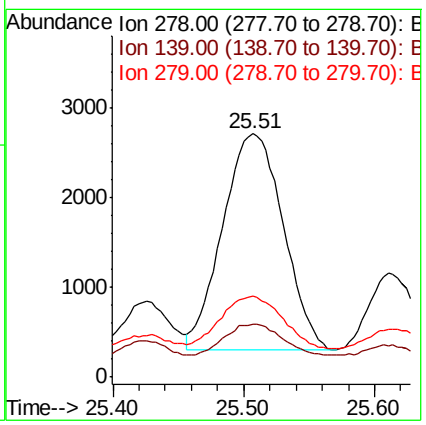


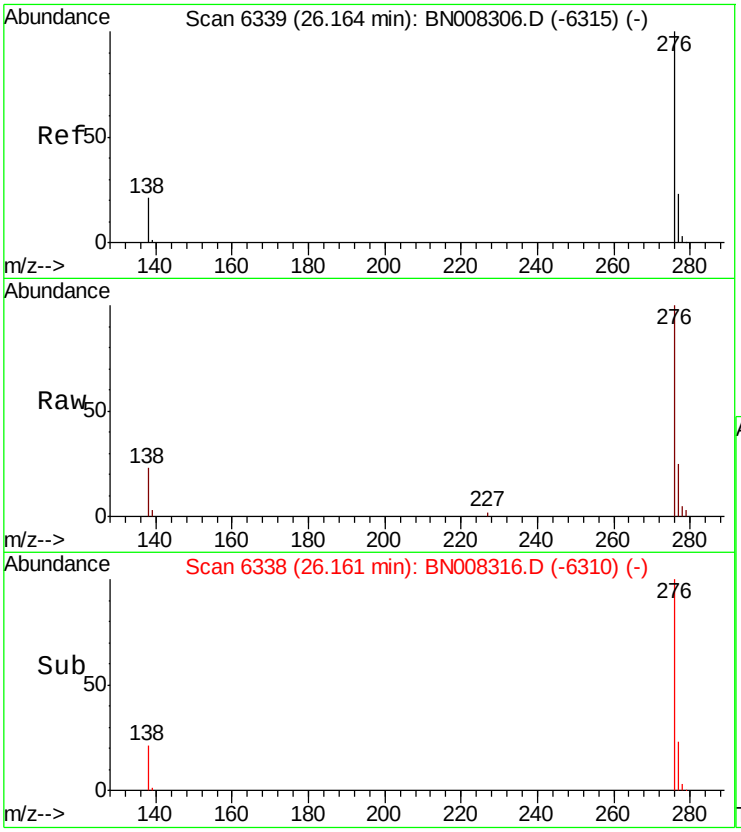


#25
Dibenzo(a,h)anthracene
Concen: 0.190 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:278 Resp: 7757

Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.0	22.6
279	33.3	22.4	33.6

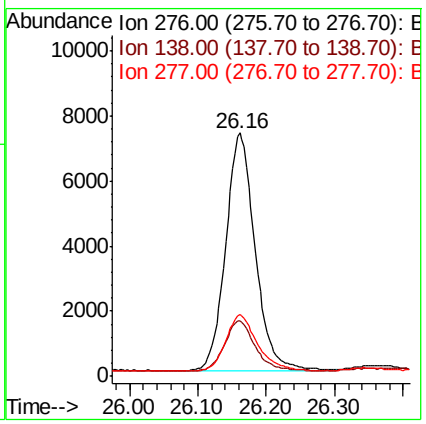




#26
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 26.16 min Scan# 6338
Delta R.T. -0.01 min
Lab File: BN008316.D
Acq: 22 Oct 2019 15:59

Tgt Ion:276 Resp: 21835

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.0	25.4
277	25.2	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPJ5DL

Manual Integrations APPROVED
mohammad
10/23/2019 8:06:40 AM