Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008941.D
Acq On : 12 Dec 2019 12:30
Operator : JU
Sample : K6088-05DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BN2DL

Manual Integrations APPROVED
mohammad
12/13/2019 8:07:45 AM

Quant Time: Dec 12 14:00:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2478	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10574	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6840	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15887	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14188	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14891	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	1464	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	4559	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	10077	0.316	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	8116	0.365	ng/ul	99
7) Acenaphthylene	13.90	152	7621	0.202	ng/ul	97
9) Fluorene	15.24	166	1725	0.052	ng/ul#	87
12) Phenanthrene	16.97	178	28594	0.534	ng/ul	99
13) Anthracene	17.06	178	8842	0.175	ng/ul	98
15) Fluoranthene	18.99	202	55038	0.836	ng/ul	99
17) Pyrene	19.35	202	54382	0.955	ng/ul	99
18) Benzo(a)anthracene	21.12	228	46048	0.807	ng/ul	96
19) Chrysene	21.17	228	52809	0.942	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	75053m	1.222	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	28848m	0.474	ng/ul	
23) Benzo(a)pyrene	23.18	252	44369	0.770	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.38	276	26850	0.398	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.39	278	7973	0.146	ng/ul#	92
26) Benzo(g,h,i)perylene	26.02	276	22862	0.405	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008941.D
Acq On : 12 Dec 2019 12:30
Operator : JU
Sample : K6088-05DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 12 14:00:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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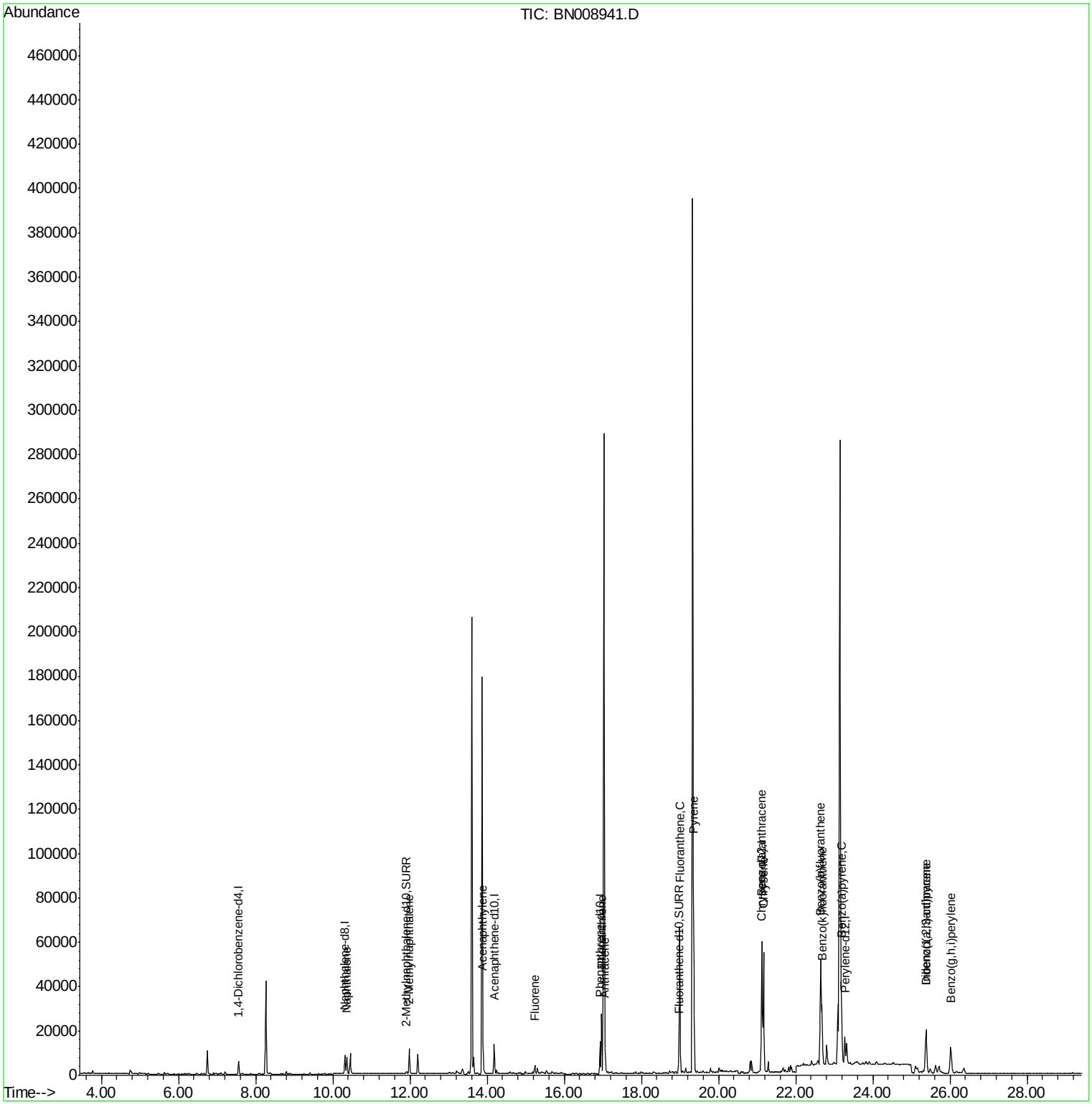
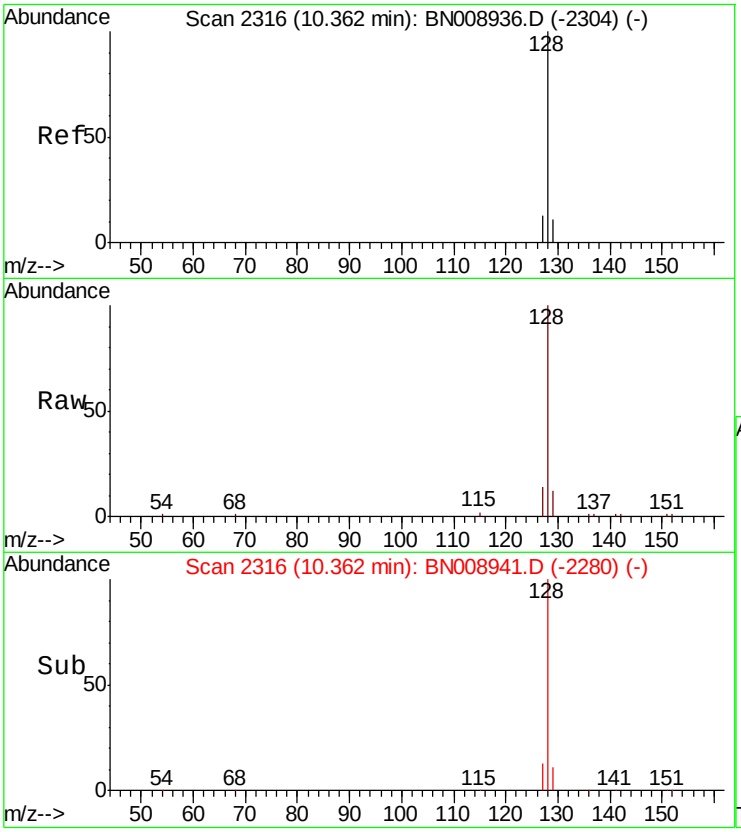
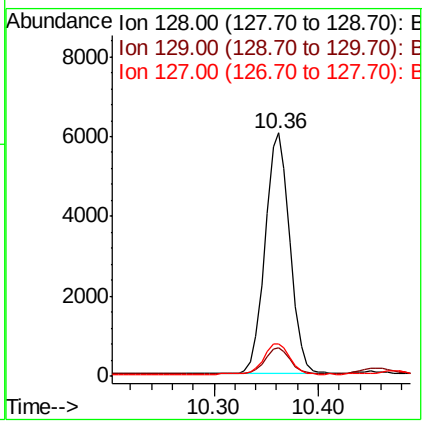




#3
Naphthalene
Concen: 0.316 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:128 Resp: 10077

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.5	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0BN2DL

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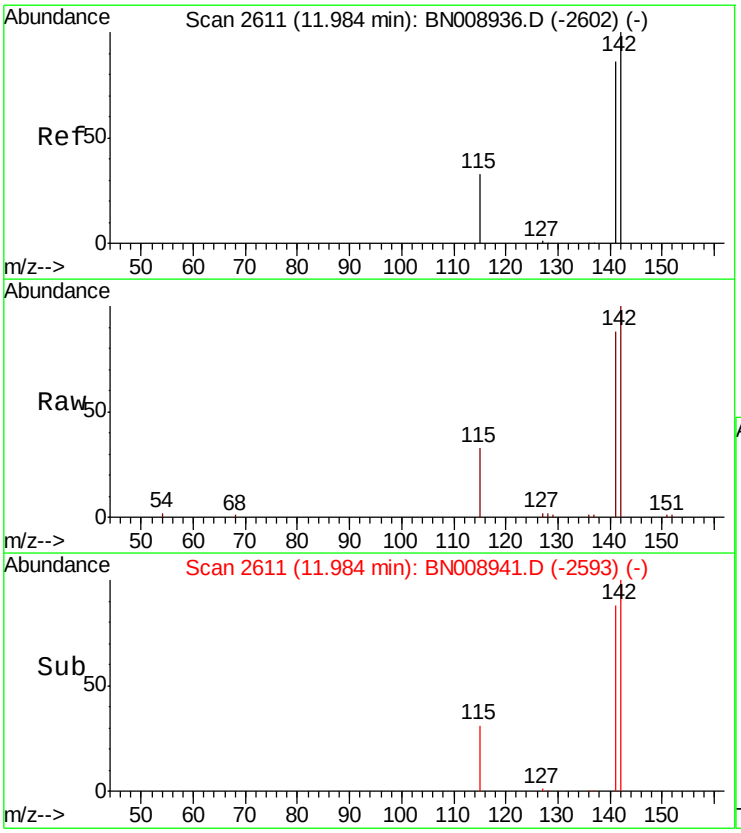
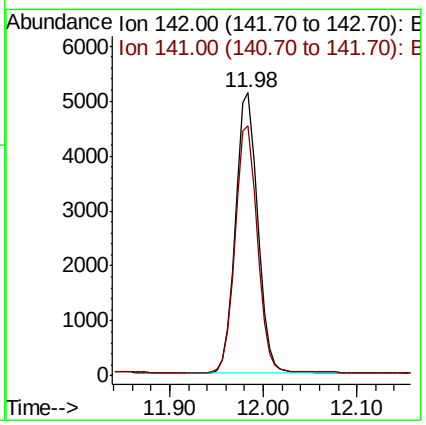
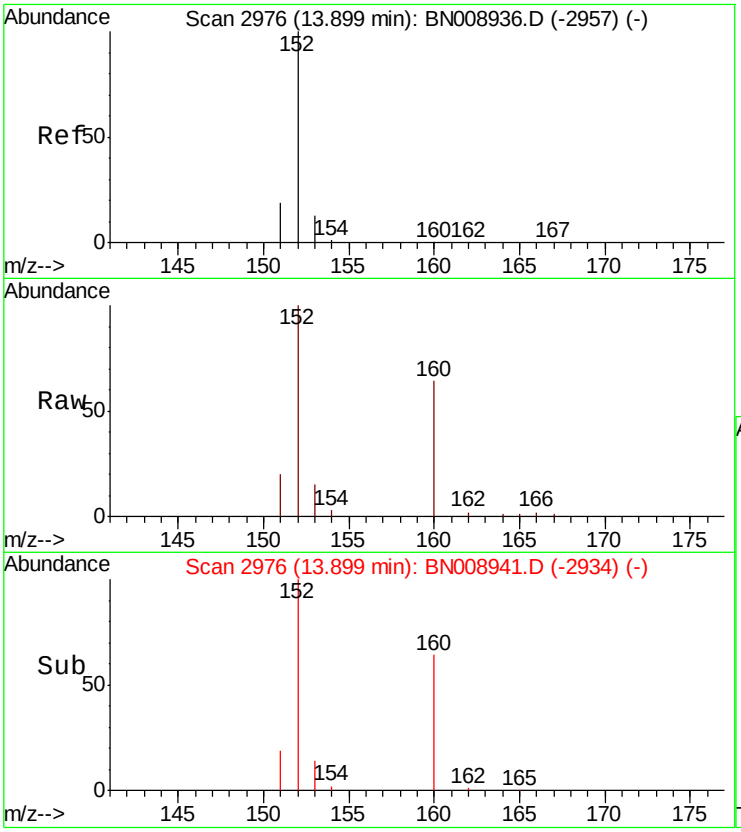


#5
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:142 Resp: 8116

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.1	105.1

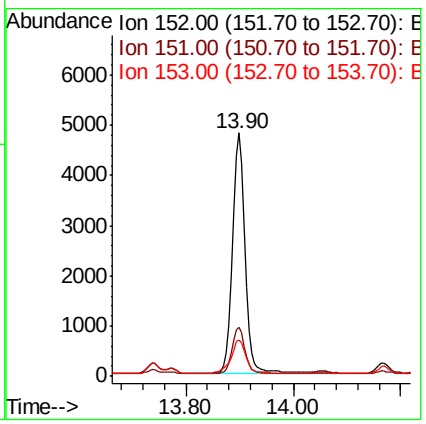




#7
Acenaphthylene
Concen: 0.202 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:152 Resp: 7621

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	15.0	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0BN2DL

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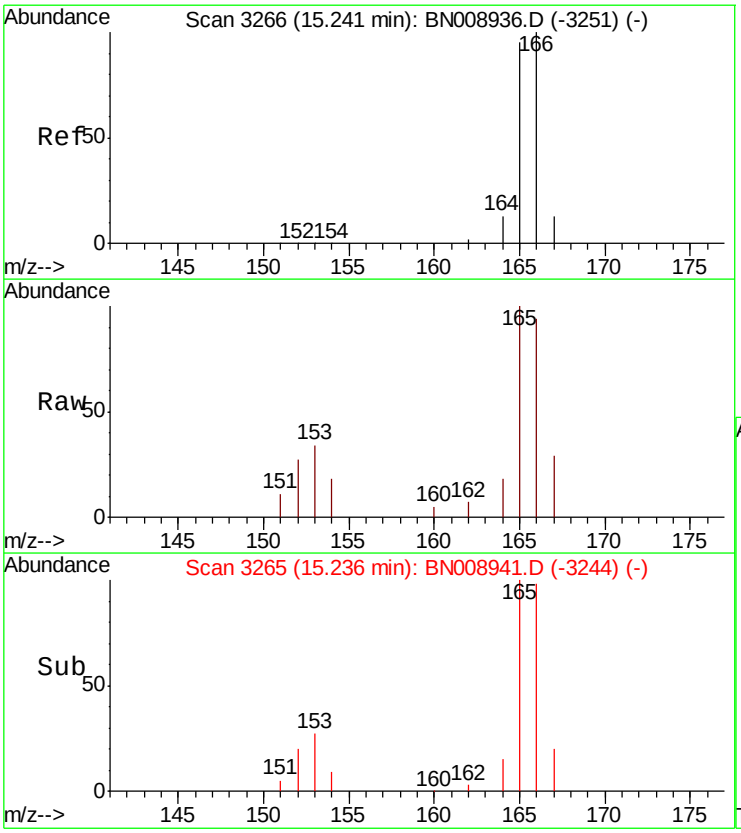
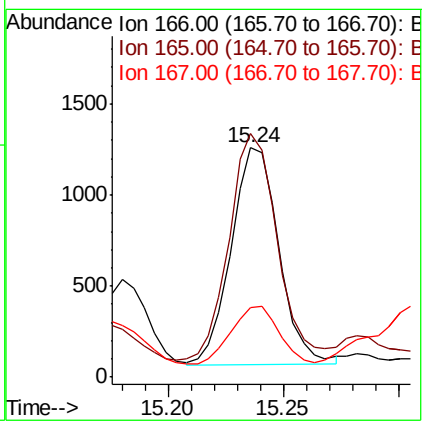
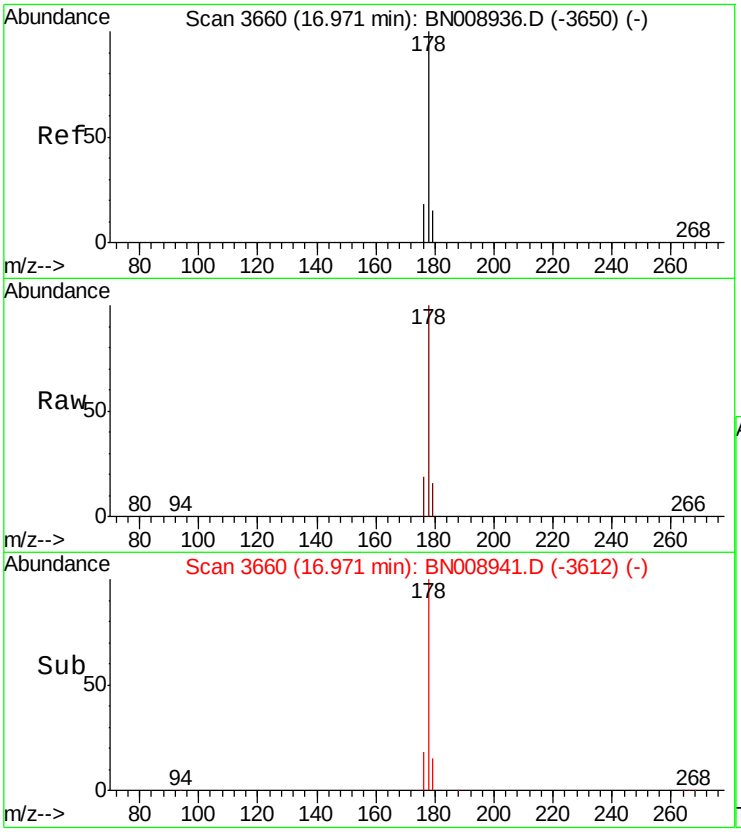


#9
Fluorene
Concen: 0.052 ng/ul
RT: 15.24 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:166 Resp: 1725

Ion	Ratio	Lower	Upper
166	100		
165	106.3	77.7	116.5
167	30.4	11.1	16.7#

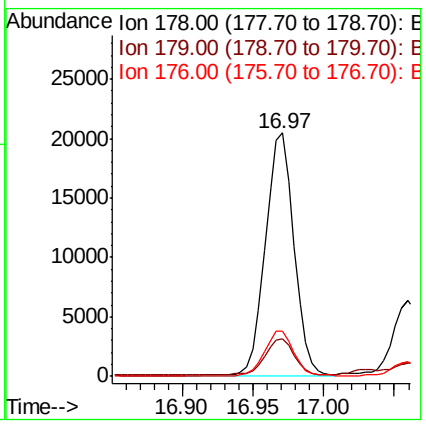




#12
Phenanthrene
Concen: 0.534 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:178 Resp: 28594

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.5	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0BN2DL

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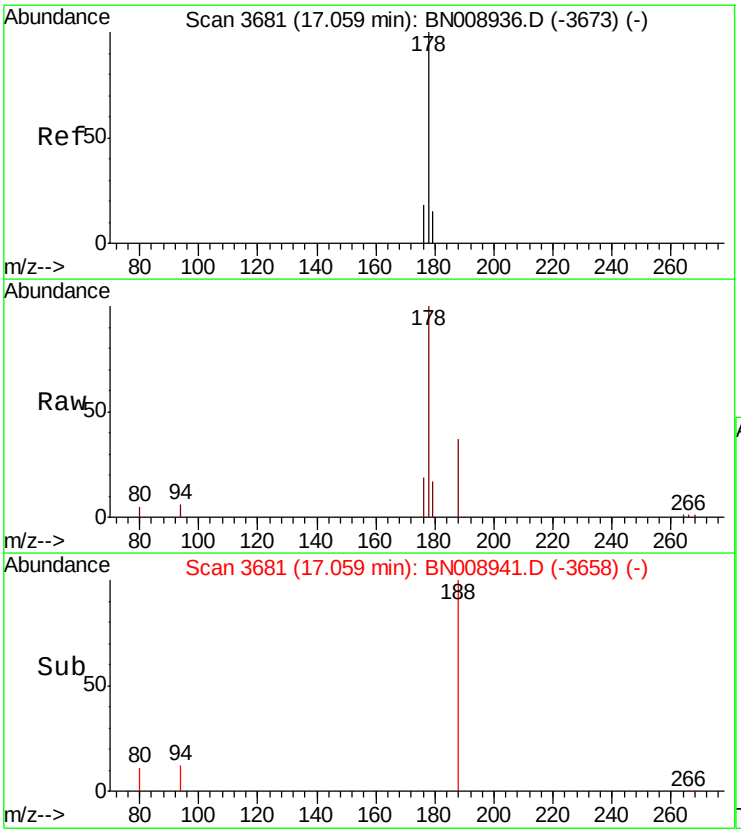
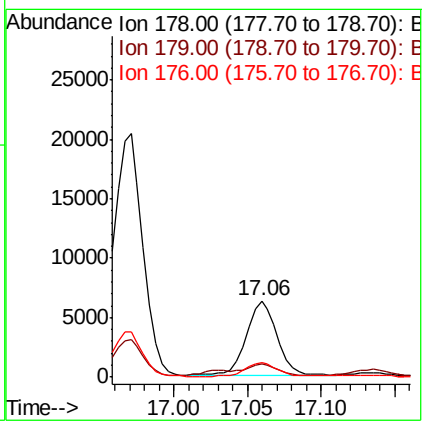
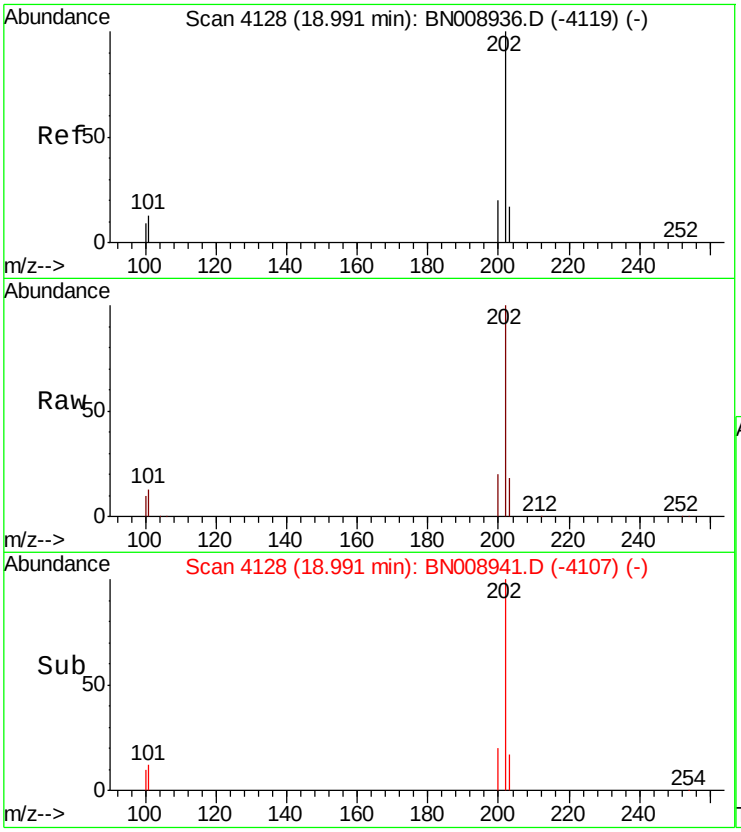


#13
Anthracene
Concen: 0.175 ng/ul
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:178 Resp: 8842

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.2	18.4
176	18.5	14.7	22.1

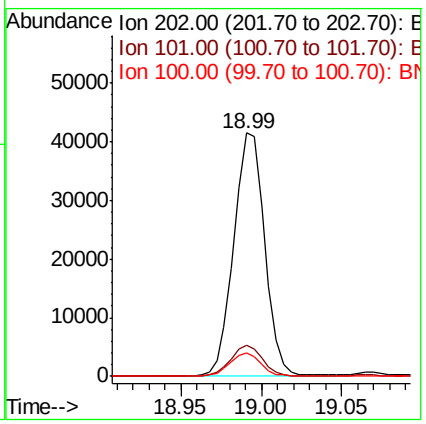




#15
Fluoranthene
Concen: 0.836 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:202 Resp: 55038

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.4
100	9.7	0.0	29.2



Instrument :
BNA_N
ClientSampleId :
C0BN2DL

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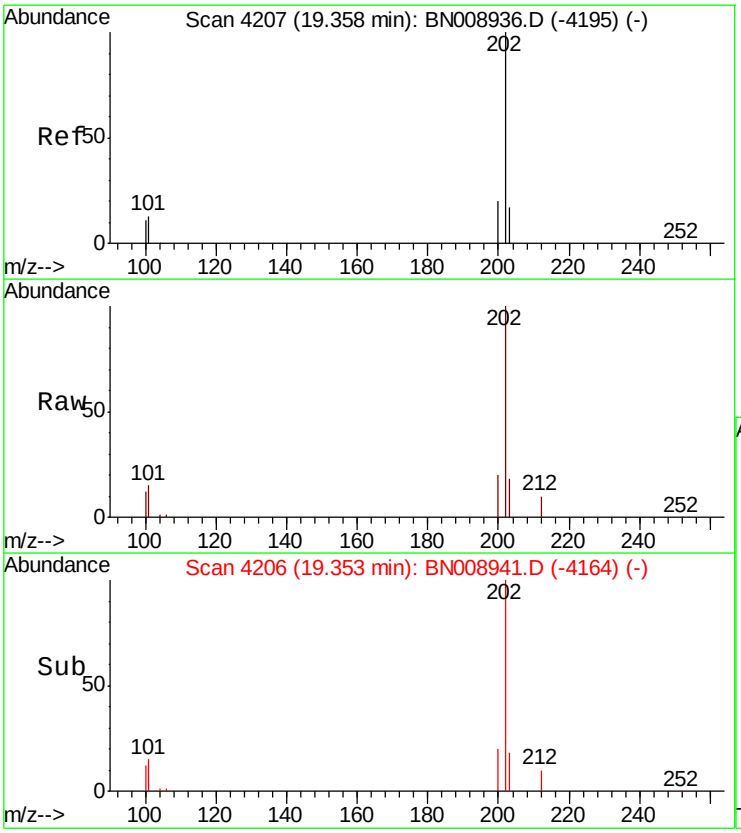
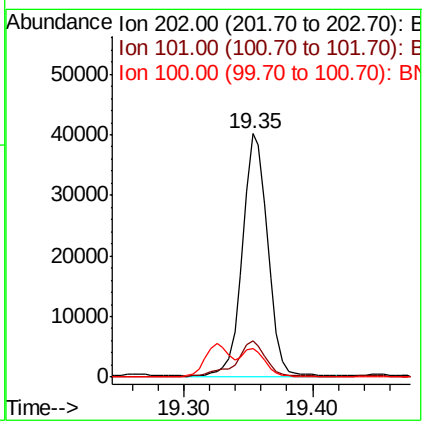
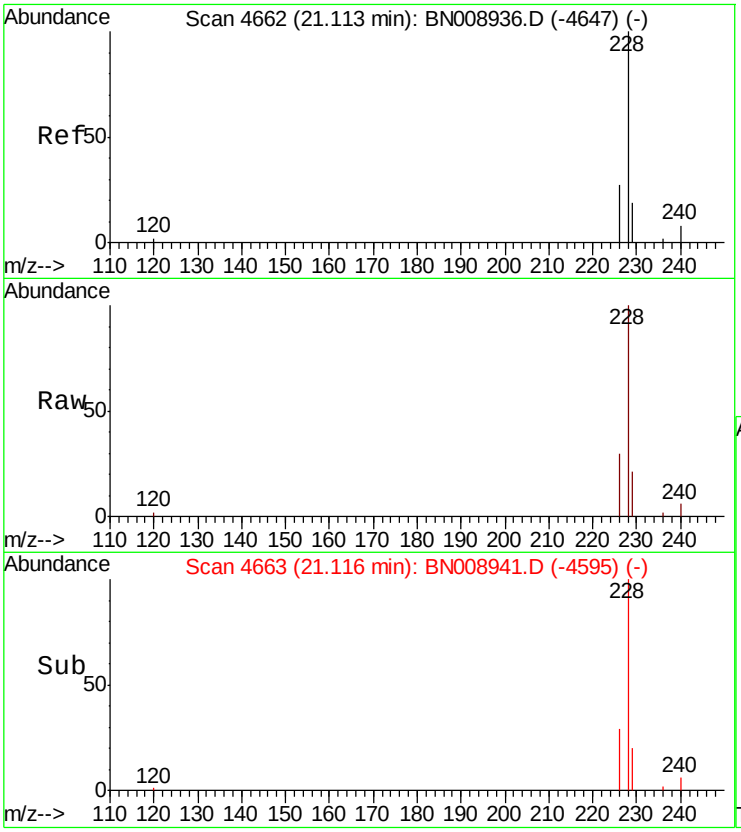


#17
Pyrene
Concen: 0.955 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. -0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:202 Resp: 54382

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	11.9	9.5	14.3

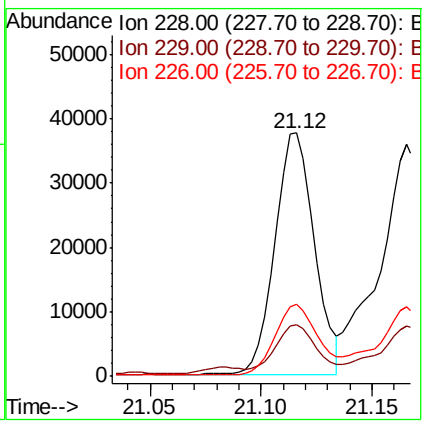




#18
Benzo(a)anthracene
Concen: 0.807 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:228 Resp: 46048

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	29.5	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0BN2DL

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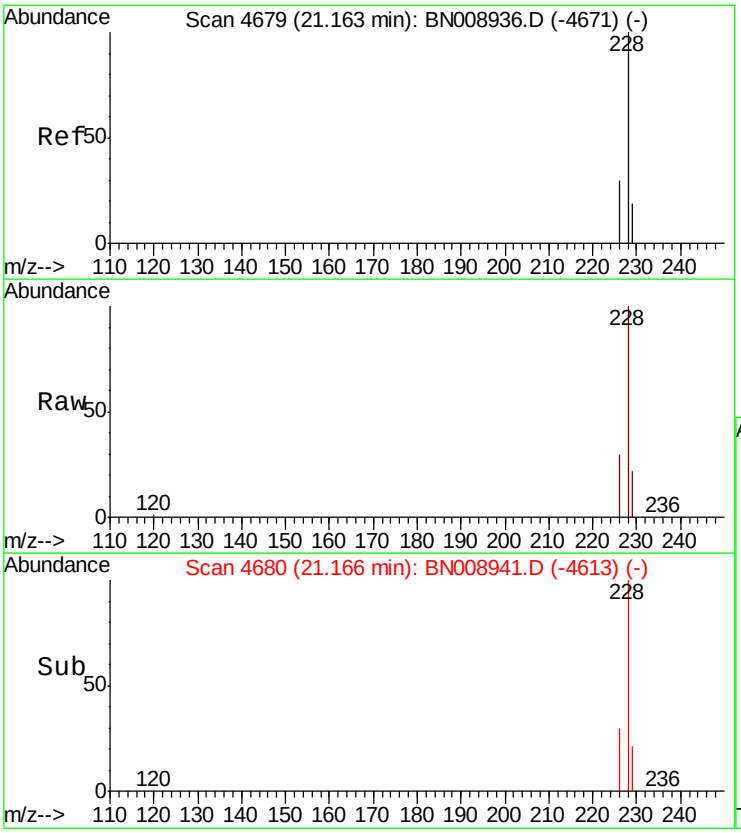
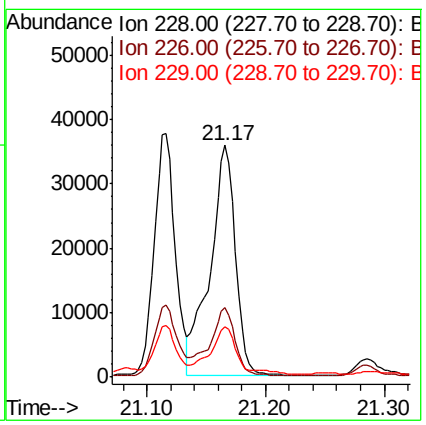
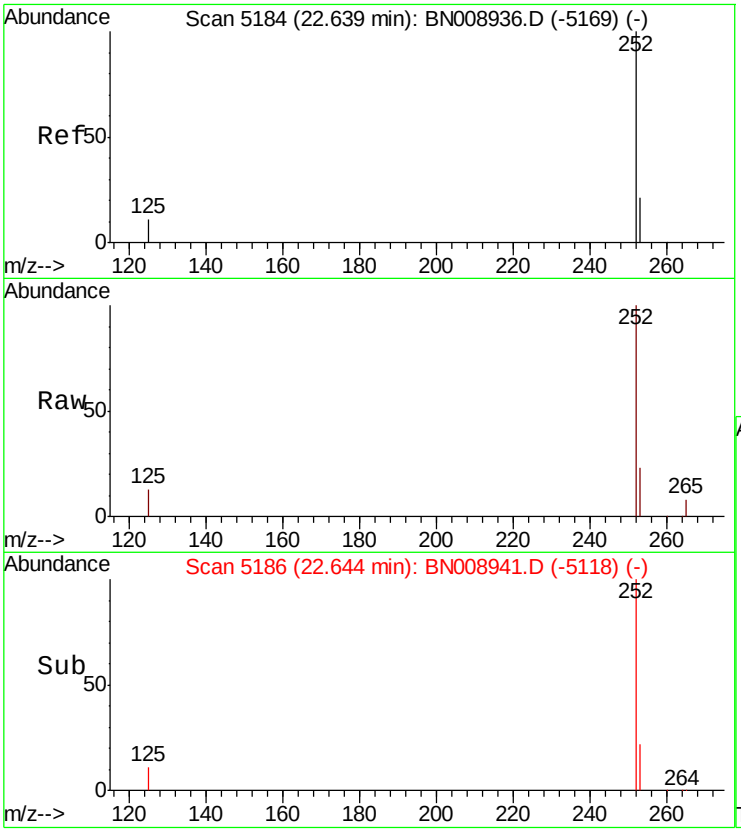


#19
Chrysene
Concen: 0.942 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:228 Resp: 52809

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	21.8	15.6	23.4

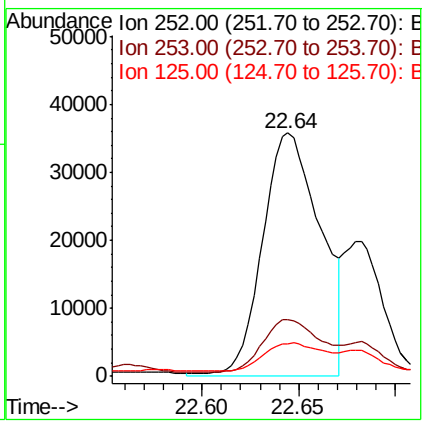




#21
Benzo(b)fluoranthene
Concen: 1.222 ng/ul m
RT: 22.64 min Scan# 5186
Delta R.T. -0.00 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:252 Resp: 75053

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	48.6
125	13.5	0.0	31.6



Instrument :
BNA_N
ClientSampleId :
C0BN2DL

Manual Integrations APPROVED
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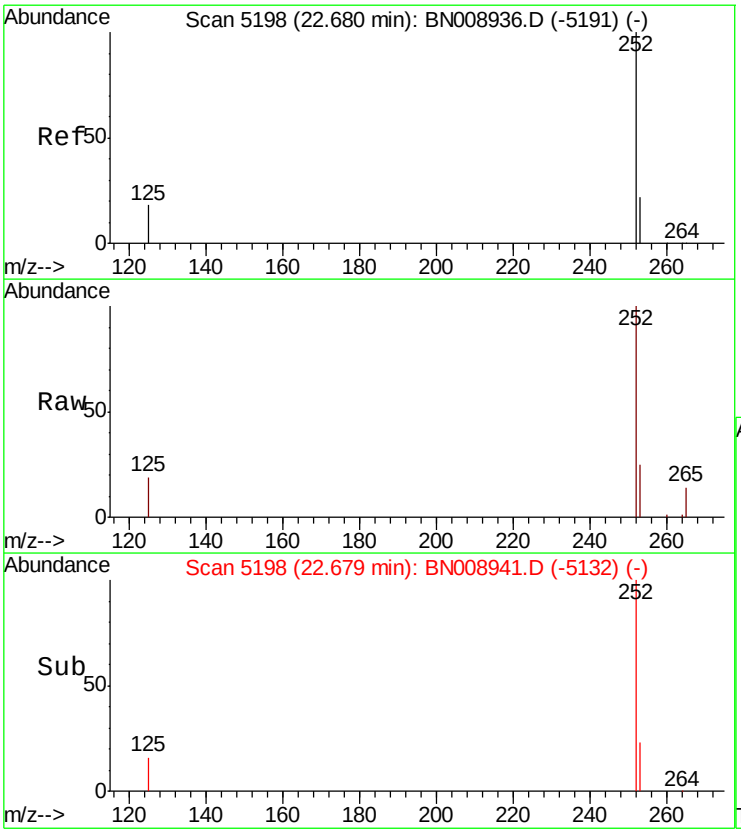
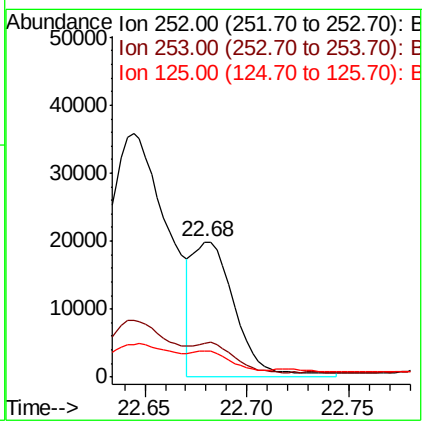
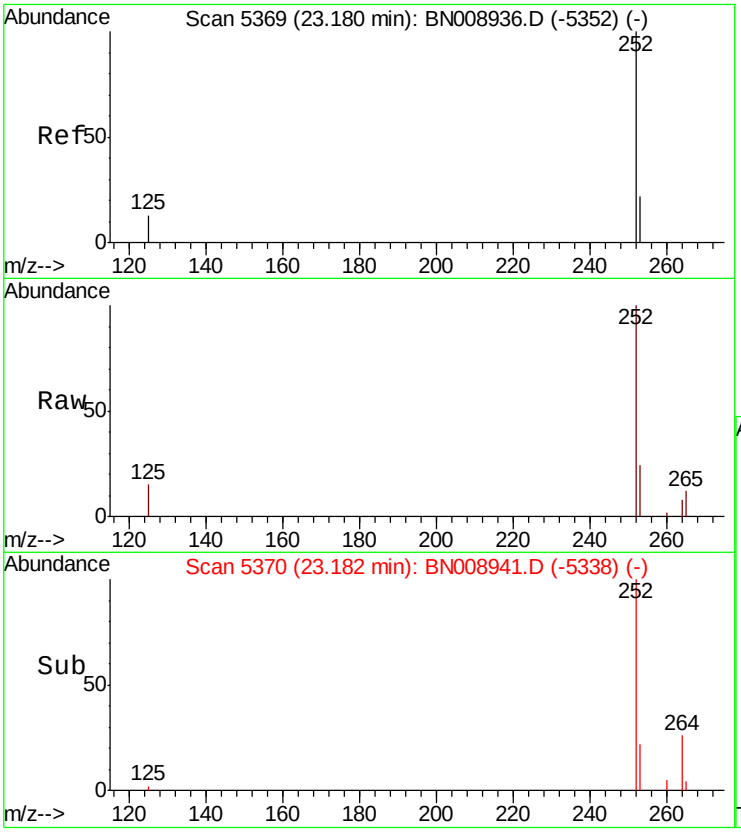


#22
Benzo(k)fluoranthene
Concen: 0.474 ng/ul m
RT: 22.68 min Scan# 5198
Delta R.T. -0.01 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:252 Resp: 28848

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.6	29.4
125	19.3	13.8	20.6





#23
Benzo(a)pyrene
Concen: 0.770 ng/ul
RT: 23.18 min Scan# 5370
Delta R.T. -0.01 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:252 Resp: 44369

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.9	29.9
125	15.0	14.6	22.0

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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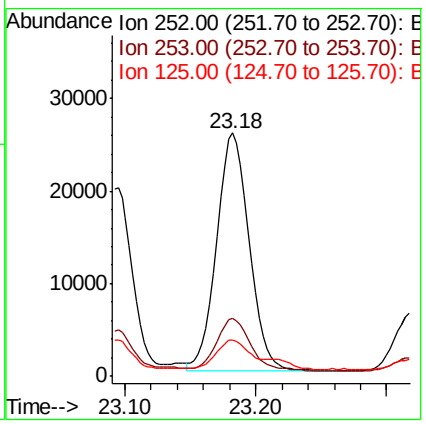
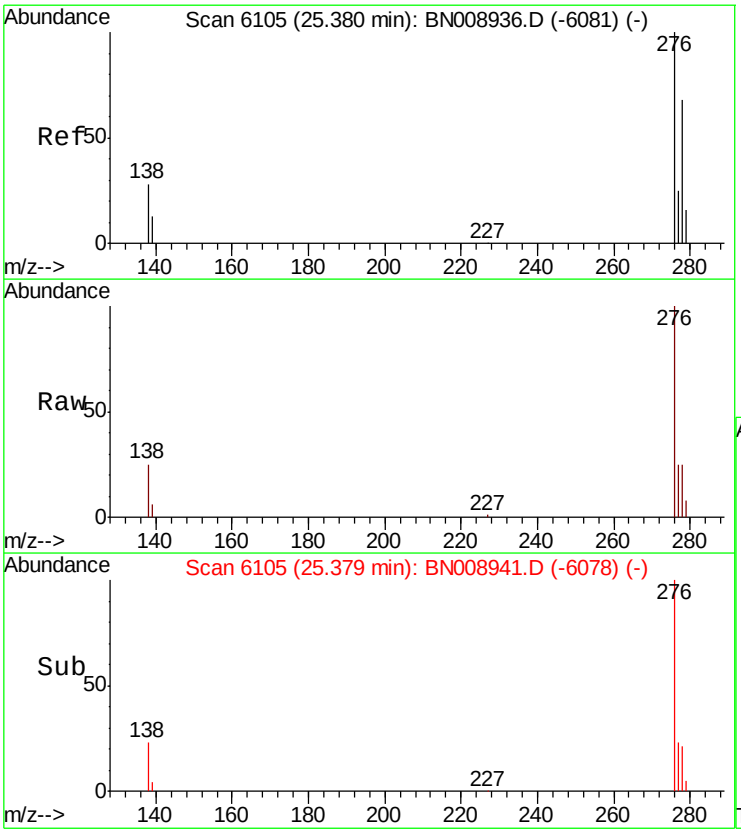
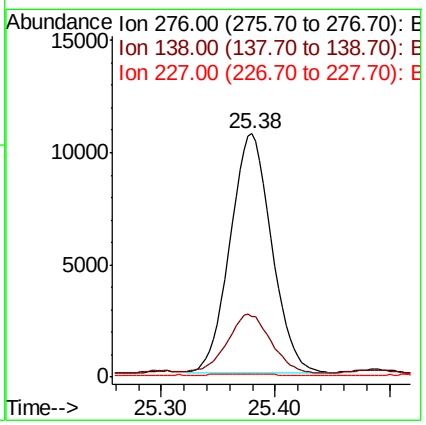


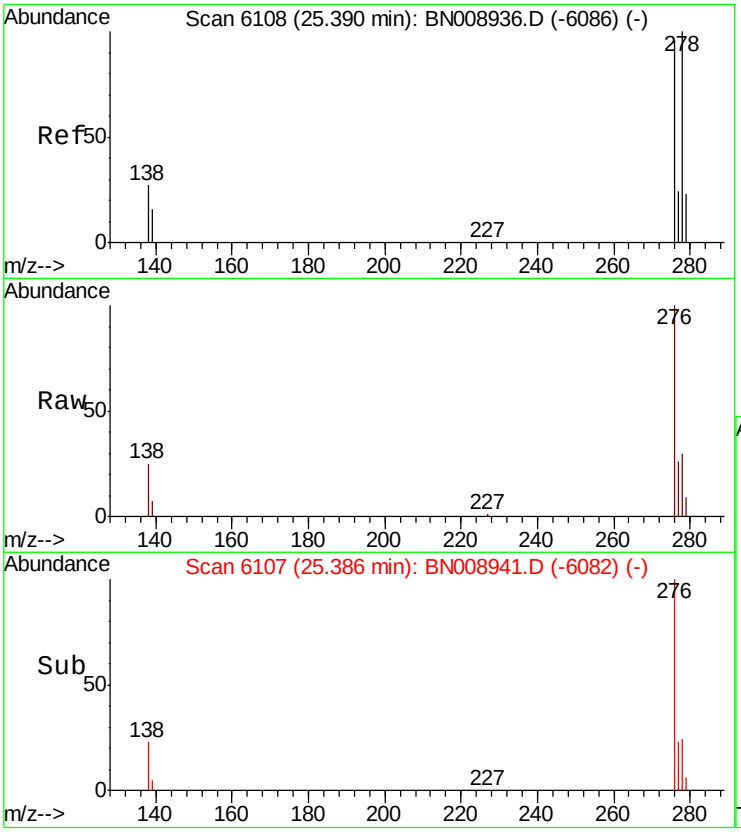


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:276 Resp: 26850

Ion	Ratio	Lower	Upper
276	100		
138	25.5	23.8	35.6
227	0.3	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.146 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.02 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:278 Resp: 7973

Ion	Ratio	Lower	Upper
278	100		
139	23.3	17.4	26.0
279	31.3	20.5	30.7#

Instrument :
BNA_N
ClientSampleId :
C0BN2DL

Manual Integrations APPROVED
mohammad
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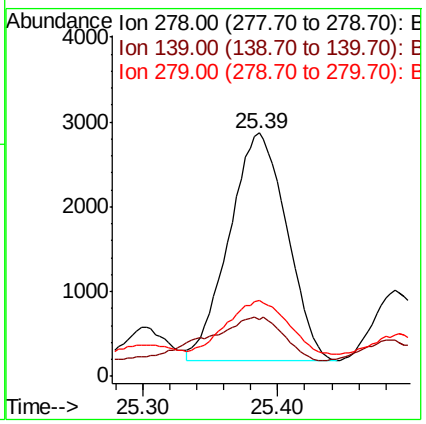

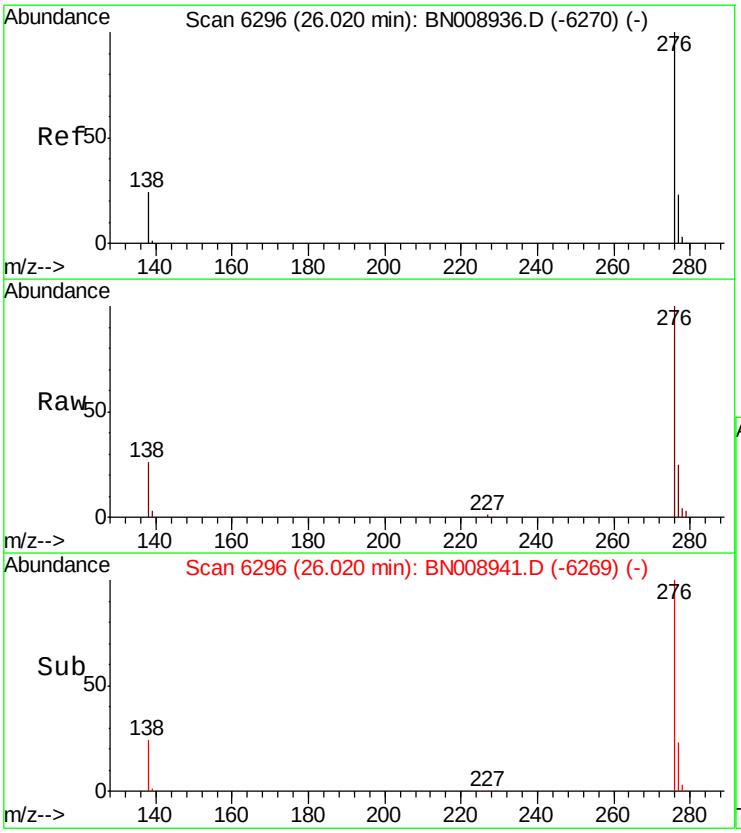

#26
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008941.D
Acq: 12 Dec 2019 12:30

Tgt Ion:276 Resp: 22862

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.9	32.9
277	24.7	19.9	29.9