Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008597.D
Acq On : 18 Nov 2019 11:06
Operator : JU
Sample : K5678-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 18 11:43:01 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 : Fri Nov 15 22:41:33 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : JLM57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2816	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	9742	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	5657	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	11965	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	10200	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	10334	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3119	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	7468	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	6948	0.237	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	4436	0.216	ng/ul	99
7) Acenaphthylene	13.96	152	32098	1.026	ng/ul	99
8) Acenaphthene	14.31	153	1903	0.082	ng/ul	97
9) Fluorene	15.30	166	4589	0.168	ng/ul#	95
11) Pentachlorophenol	16.65	266	621	0.137	ng/ul	98
12) Phenanthrene	17.03	178	156451	3.877	ng/ul	98
13) Anthracene	17.12	178	16524	0.433	ng/ul	96
15) Fluoranthene	19.05	202	272784	5.502	ng/ul	99
17) Pyrene	19.42	202	271672	6.639	ng/ul	95
18) Benzo(a)anthracene	21.17	228	95226	2.321	ng/ul#	89
19) Chrysene	21.22	228	136383	3.385	ng/ul#	95
21) Benzo(b)fluoranthene	22.72	252	187864m	4.409	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	71531m	1.693	ng/ul	
23) Benzo(a)pyrene	23.27	252	127956	3.199	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.51	276	101082	2.161	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.52	278	21233	0.562	ng/ul#	64
26) Benzo(g,h,i)perylene	26.16	276	104111	2.661	ng/ul	100

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

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Acq On : 18 Nov 2019 11:06
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 18 11:43:01 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 : Fri Nov 15 22:41:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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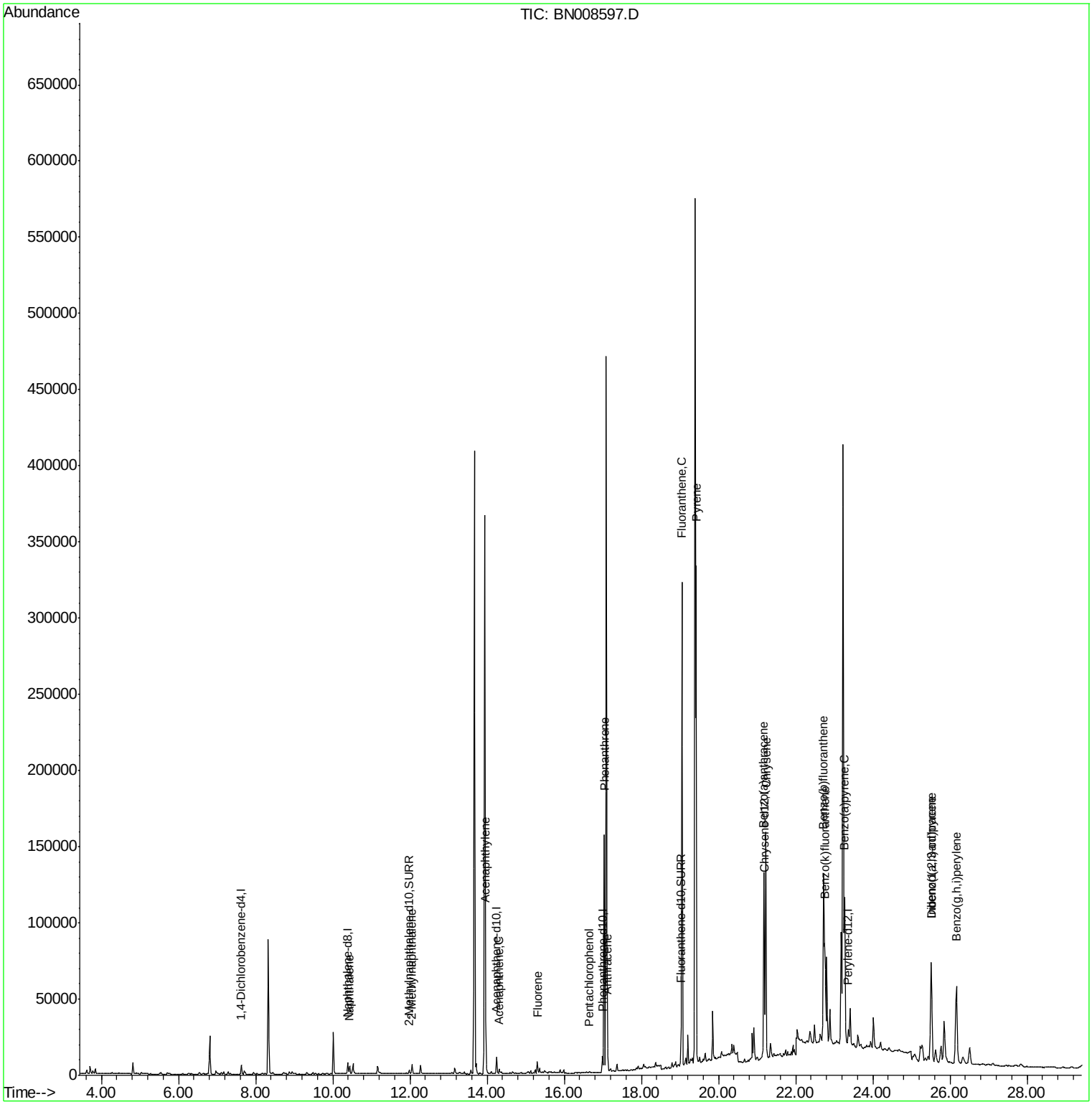
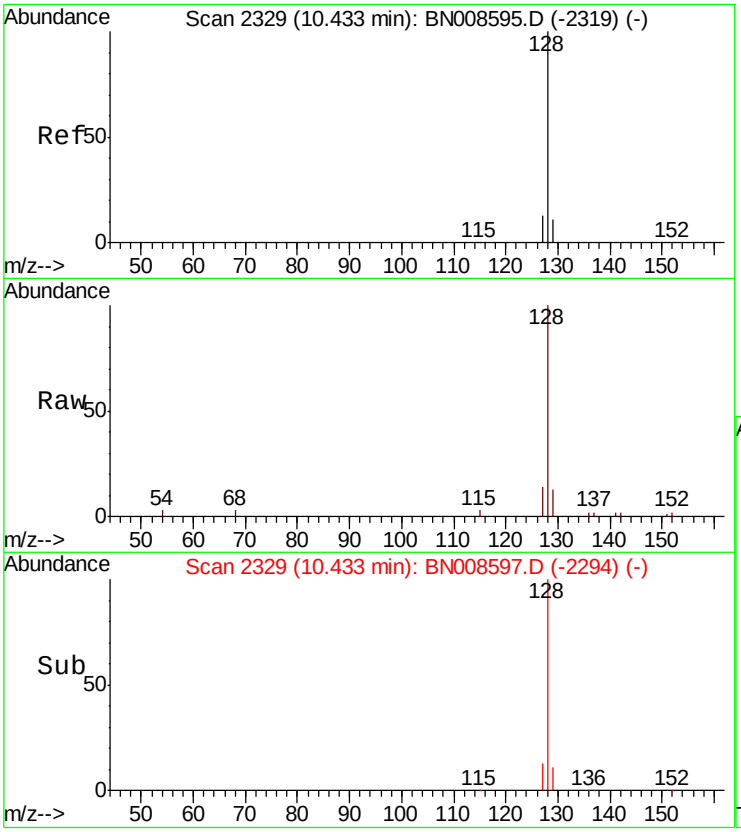
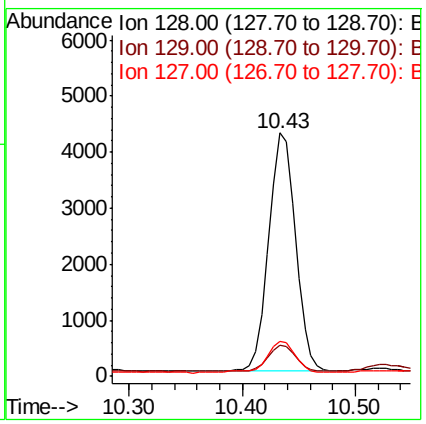




#3
Naphthalene
Concen: 0.237 ng/ul
RT: 10.43 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:128 Resp: 6948

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.7	14.5
127	14.4	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
JLM57

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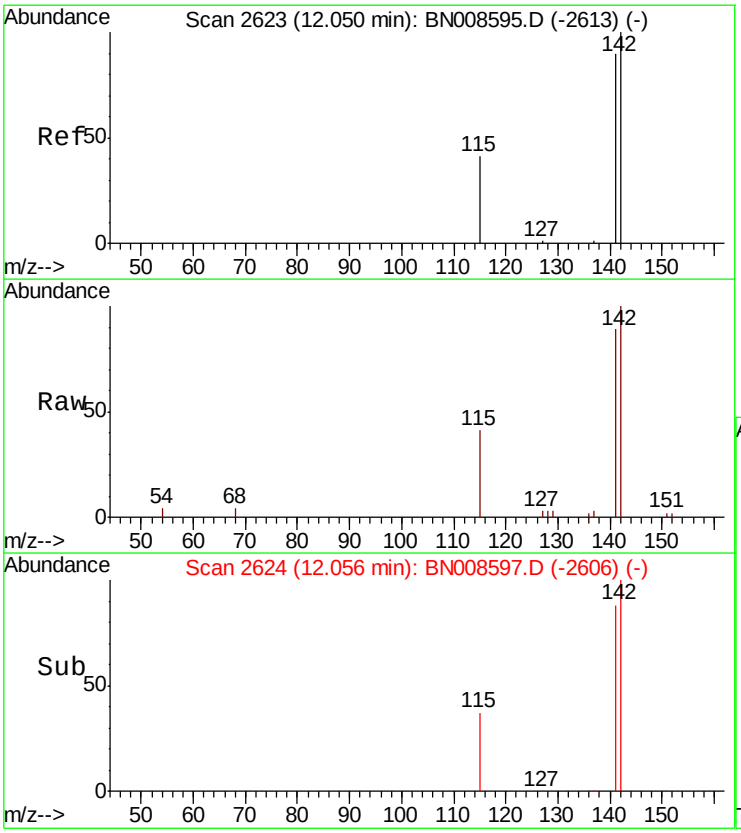
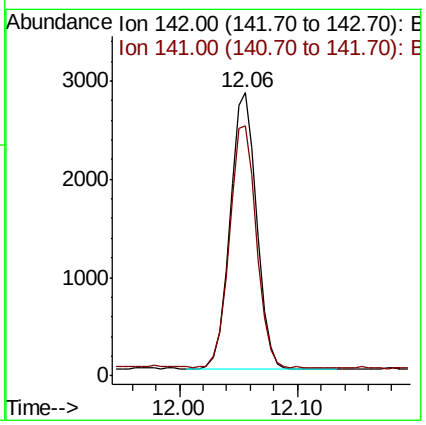
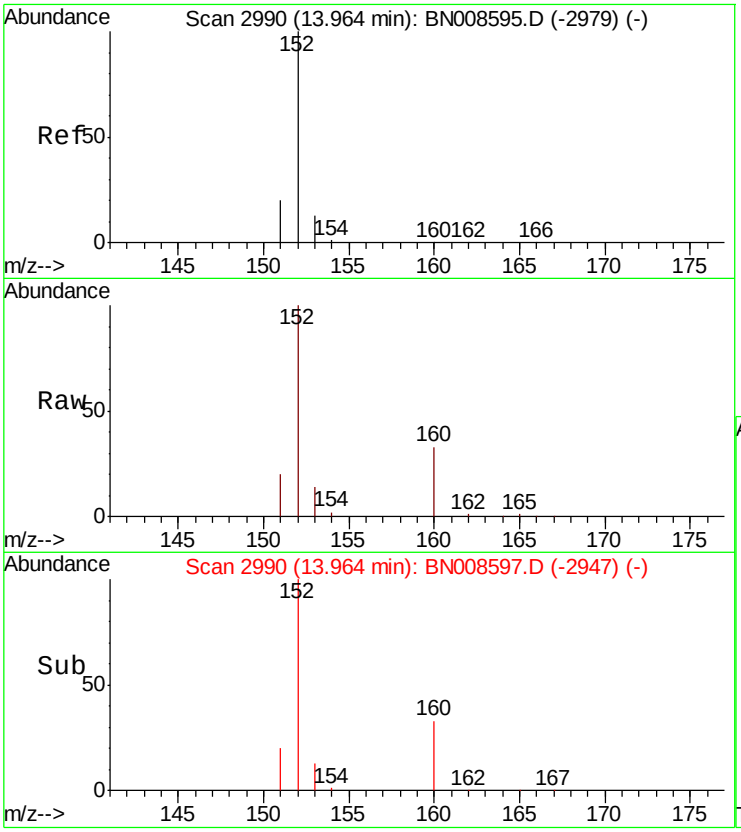


#5
2-Methylnaphthalene
Concen: 0.216 ng/ul
RT: 12.06 min Scan# 2624
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:142 Resp: 4436

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.5	105.7

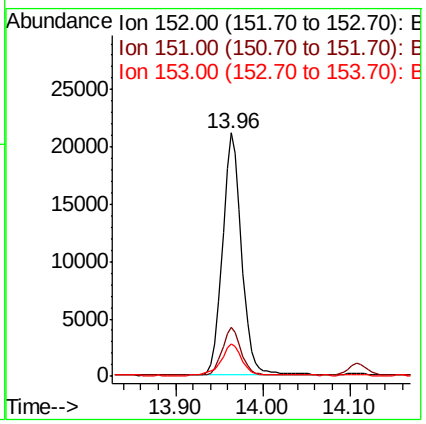




#7
Acenaphthylene
Concen: 1.026 ng/ul
RT: 13.96 min Scan# 2990
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:152 Resp: 32098

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	24.8
153	13.5	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
JLM57

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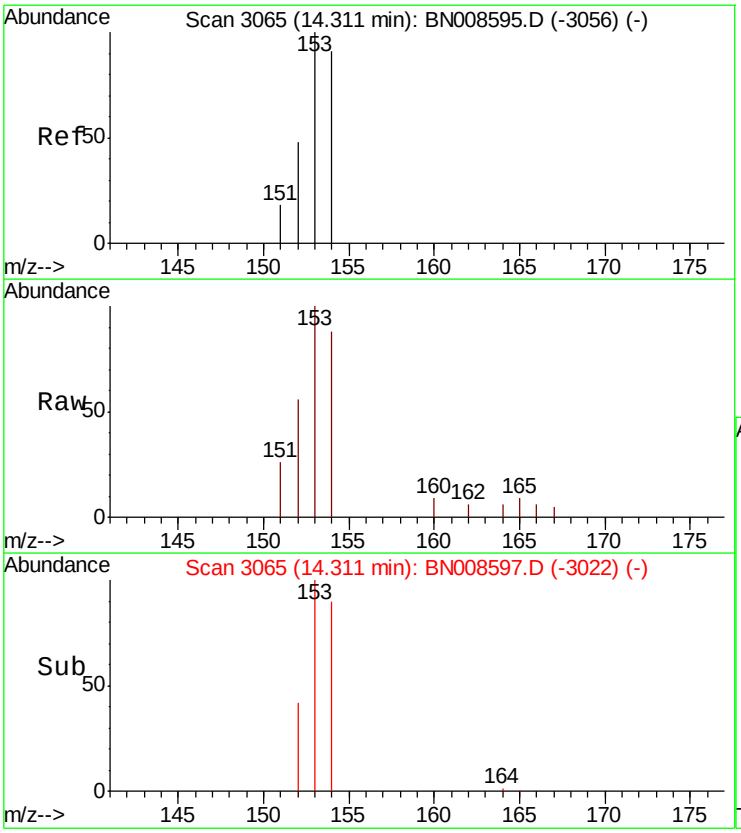
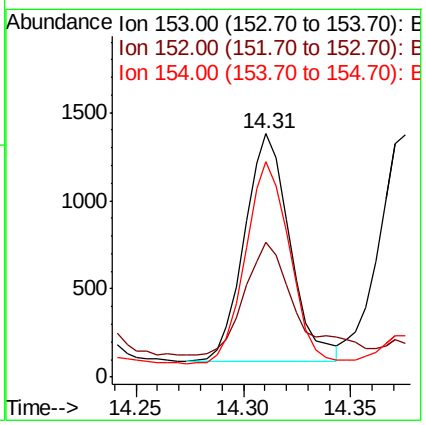
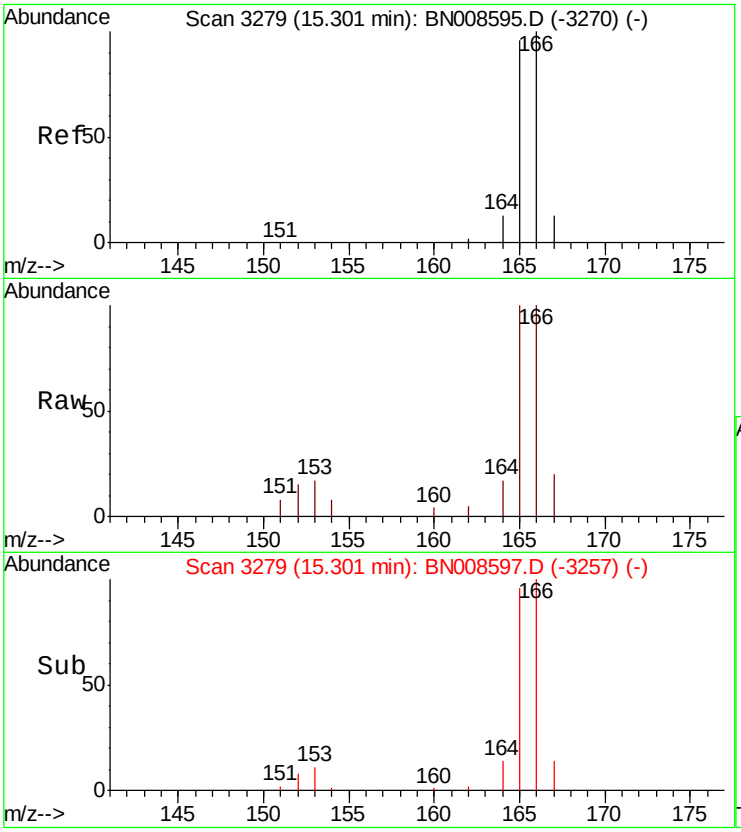


#8
Acenaphthene
Concen: 0.082 ng/ul
RT: 14.31 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:153 Resp: 1903

Ion	Ratio	Lower	Upper
153	100		
152	55.6	39.6	59.4
154	88.3	70.6	106.0

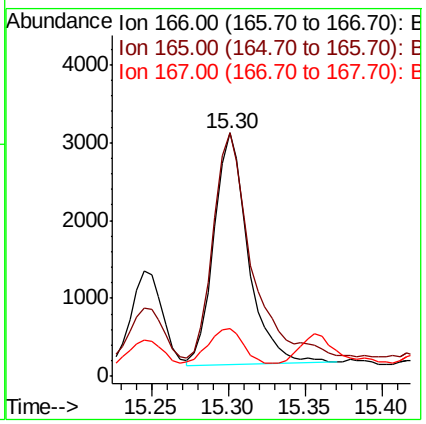




#9
Fluorene
Concen: 0.168 ng/ul
RT: 15.30 min Scan# 3279
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:166 Resp: 4589

Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.4	116.0
167	19.7	11.4	17.0#



Instrument :
BNA_N
ClientSampleId :
JLM57

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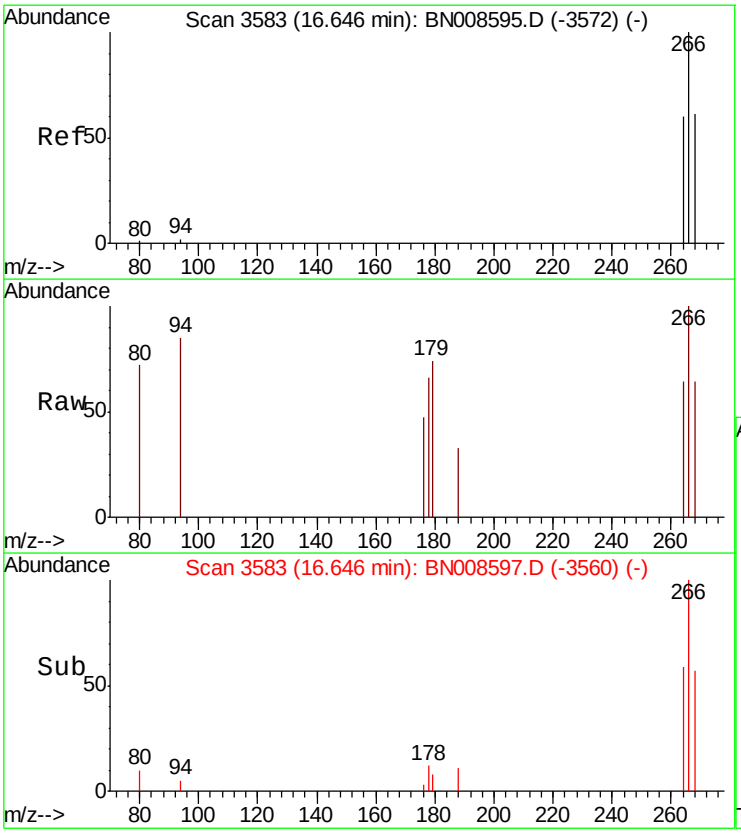
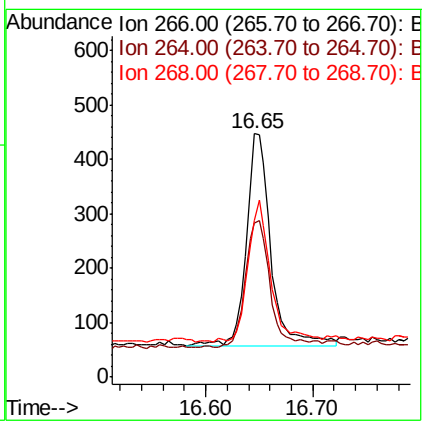
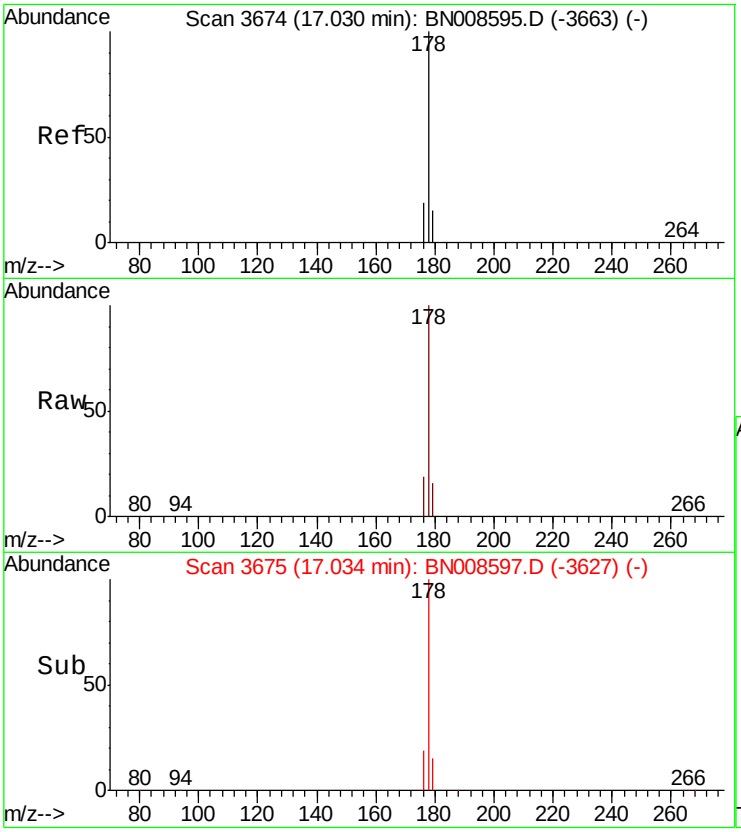


#11
Pentachlorophenol
Concen: 0.137 ng/ul
RT: 16.65 min Scan# 3583
Delta R.T. -0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:266 Resp: 621

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.2	73.8
268	62.3	50.9	76.3

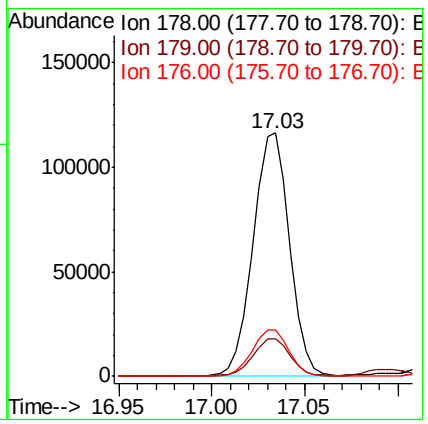




#12
Phenanthrene
Concen: 3.877 ng/ul
RT: 17.03 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:178 Resp: 156451

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.0	16.0	24.0



Instrument :
BNA_N
ClientSampleId :
JLM57

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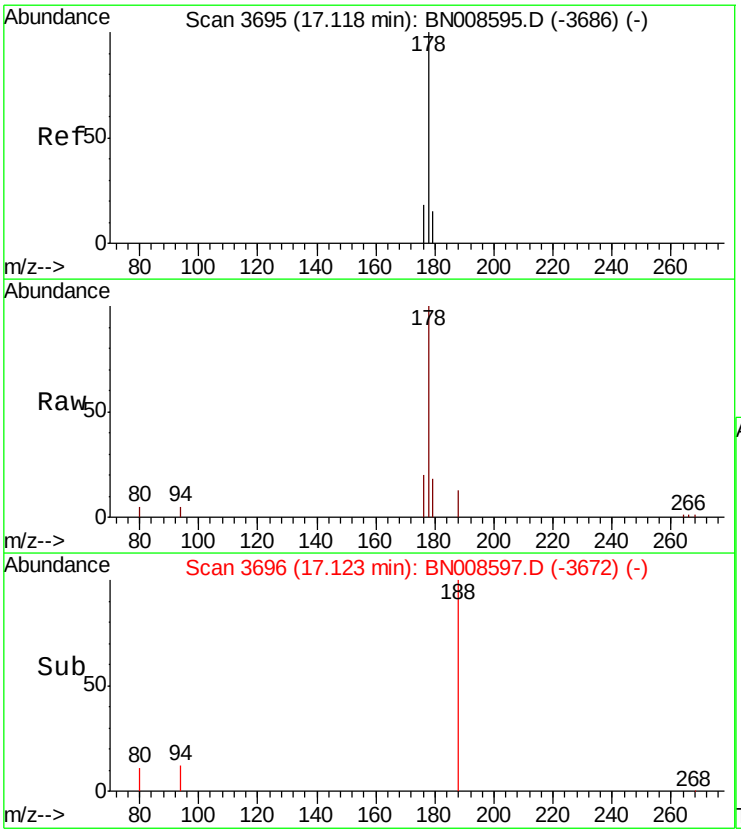
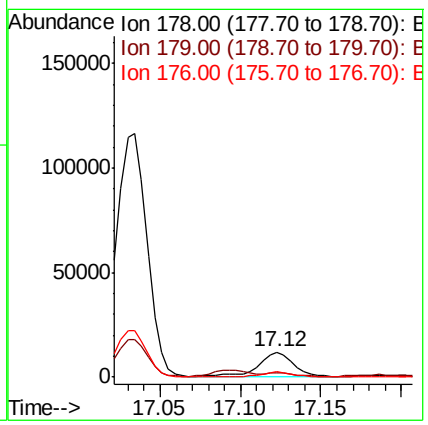
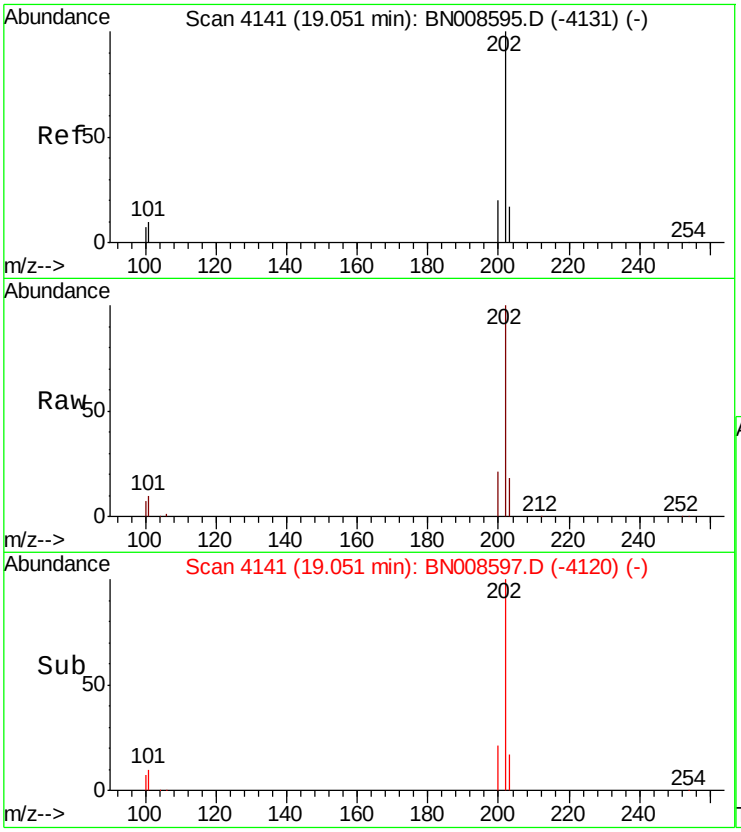


#13
Anthracene
Concen: 0.433 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:178 Resp: 16524

Ion	Ratio	Lower	Upper
178	100		
179	18.3	13.0	19.4
176	20.2	15.3	22.9





#15
Fluoranthene
Concen: 5.502 ng/ul
RT: 19.05 min Scan# 4141
Delta R.T. -0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:202 Resp: 272784

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.6
100	7.4	0.0	27.0

Instrument :
BNA_N
ClientSampleId :
JLM57

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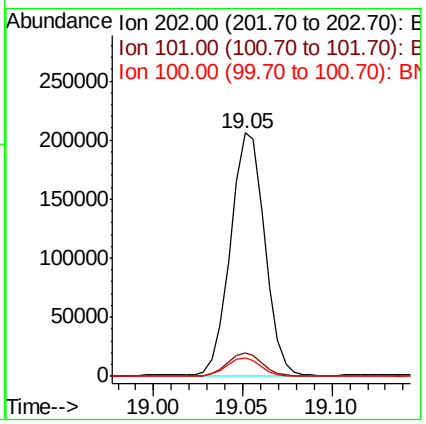
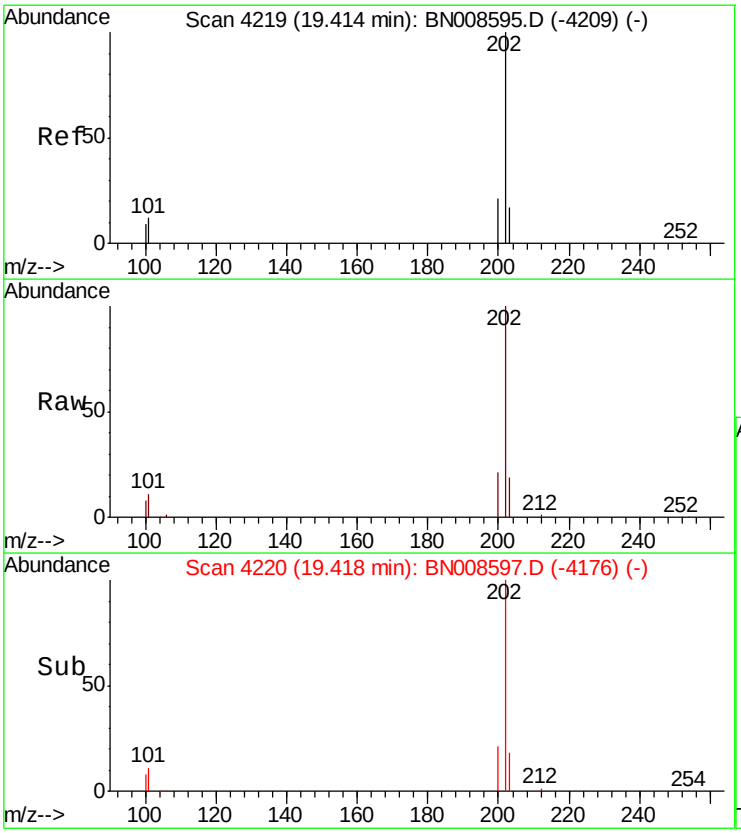
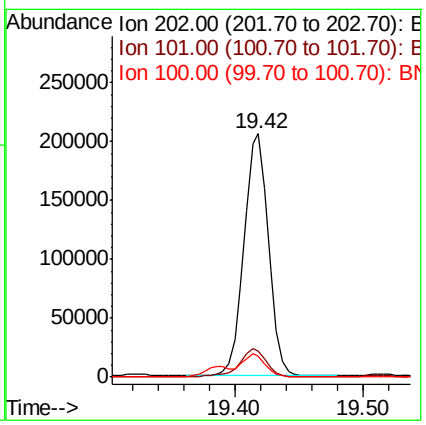


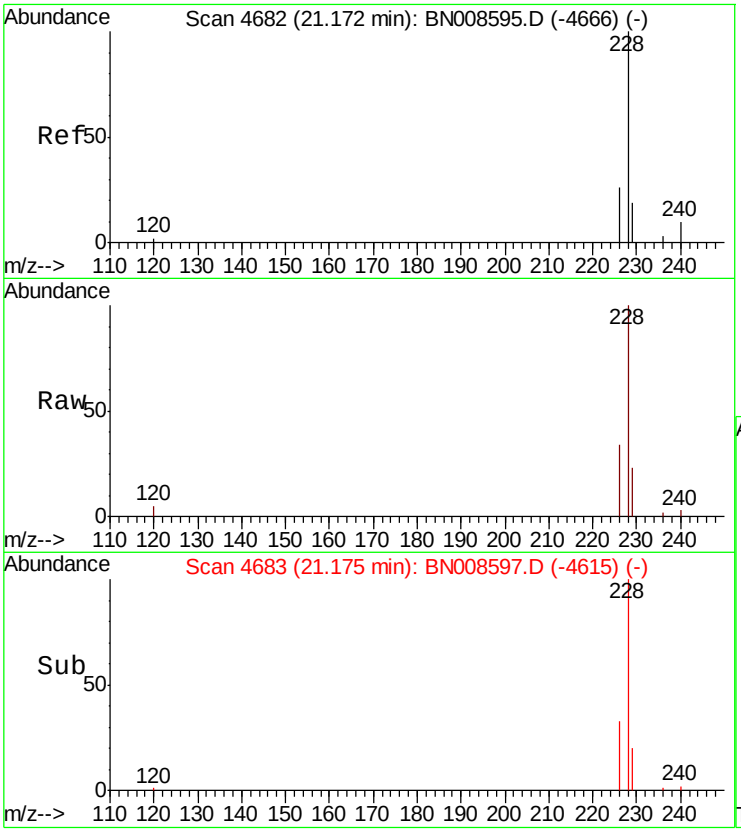


#17
Pyrene
Concen: 6.639 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:202 Resp: 271672

Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.2	15.2
100	8.4	8.2	12.2





#18
Benzo(a)anthracene
Concen: 2.321 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:228 Resp: 95226

Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.8	23.6
226	34.0	21.6	32.4#

Instrument :
BNA_N
ClientSampleId :
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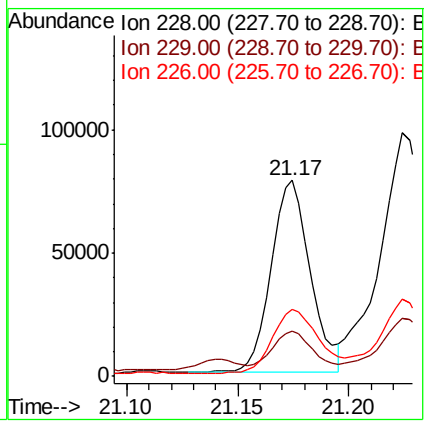
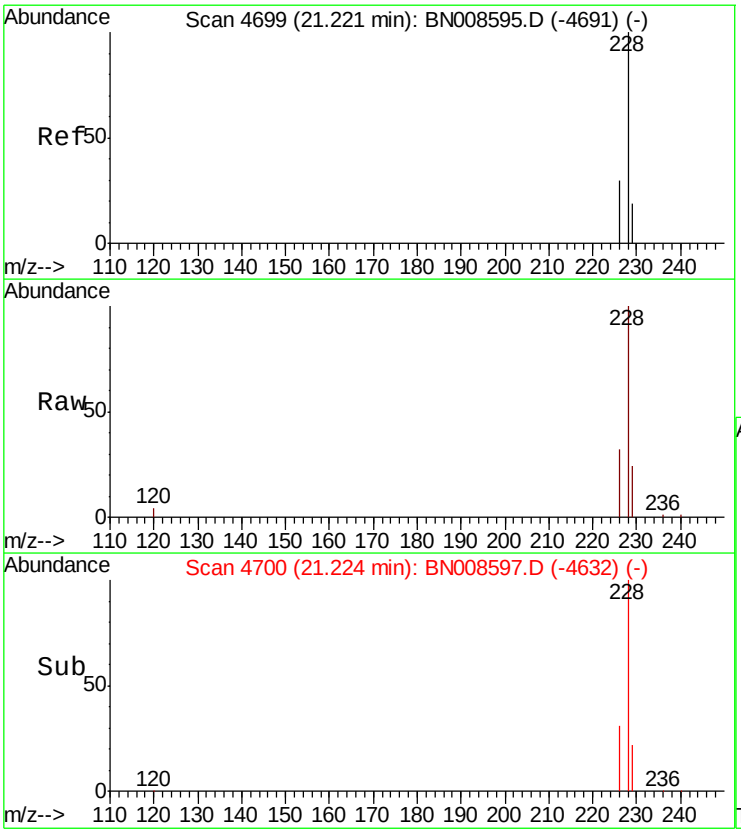
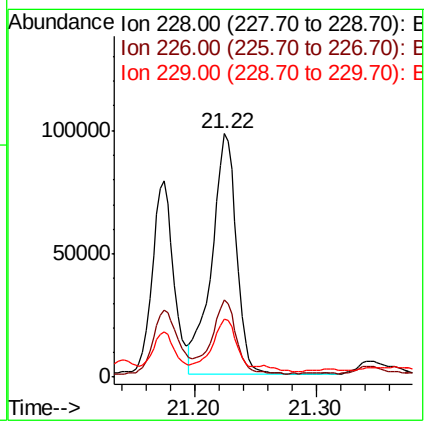


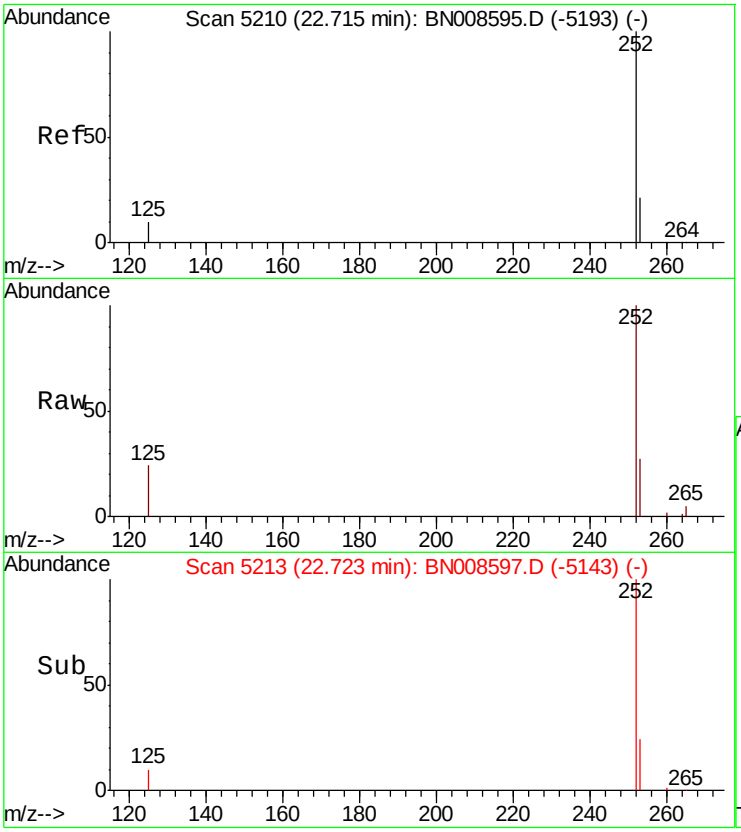


#19
Chrysene
Concen: 3.385 ng/ul
RT: 21.22 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:228 Resp: 136383

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	23.8	15.5	23.3#





#21
Benzo(b)fluoranthene
Concen: 4.409 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. 0.01 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:252 Resp: 187864

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	50.2
125	23.6	0.0	30.0

Instrument :
BNA_N
ClientSampleId :
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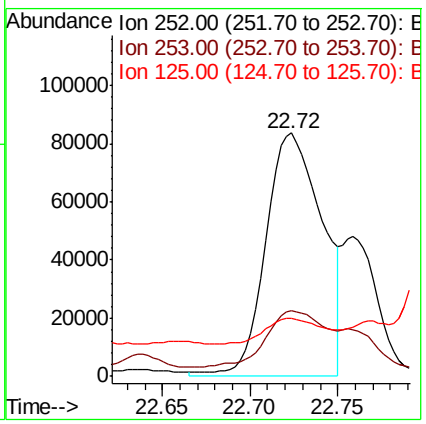
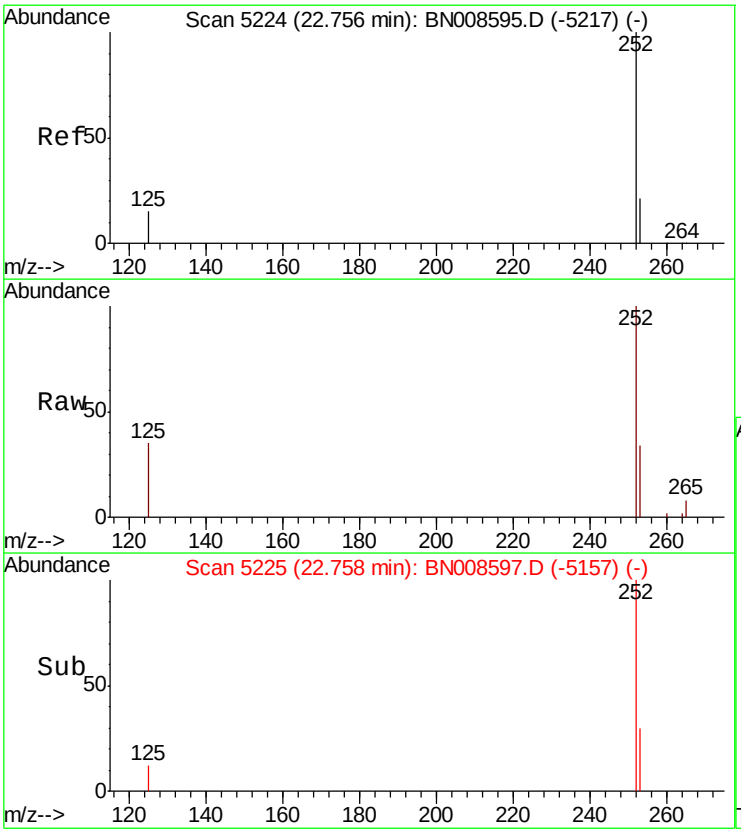
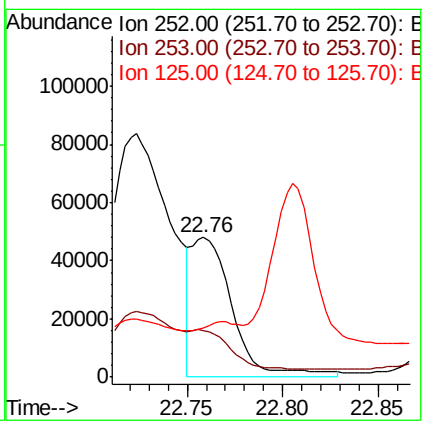


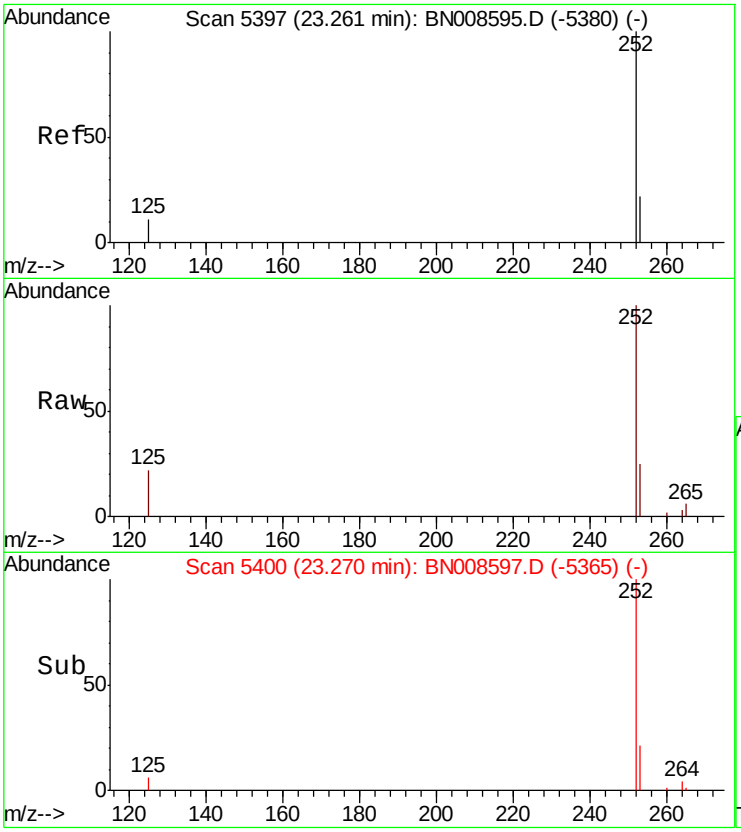


#22
Benzo(k)fluoranthene
Concen: 1.693 ng/ul m
RT: 22.76 min Scan# 5225
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:252 Resp: 71531

Ion	Ratio	Lower	Upper
252	100		
253	33.6	20.5	30.7#
125	35.4	15.0	22.4#





#23
Benzo(a)pyrene
Concen: 3.199 ng/ul
RT: 23.27 min Scan# 5400
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:252 Resp: 127956

Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.4	32.2
125	22.5	13.8	20.8#

Instrument :
BNA_N
ClientSampleId :
JLM57

Manual Integrations APPROVED
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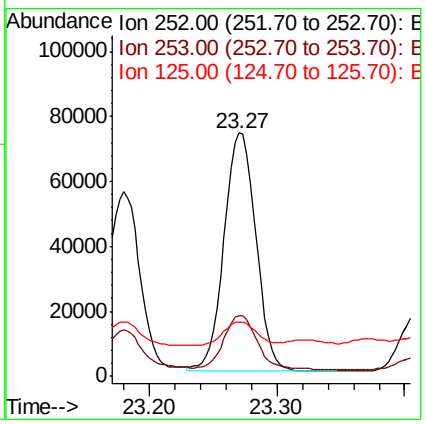
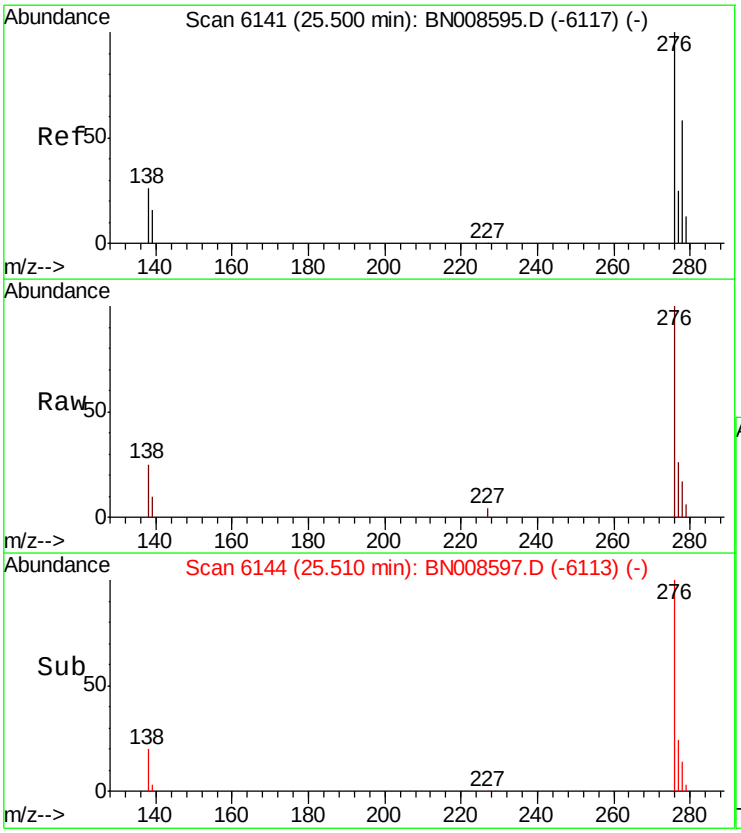
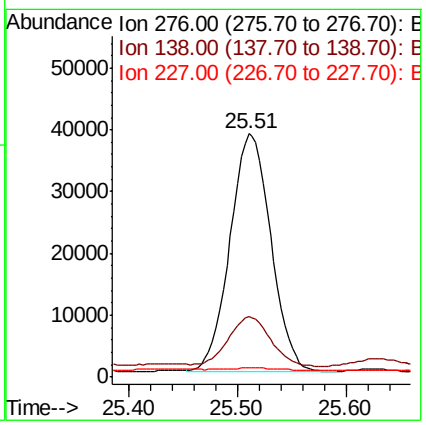


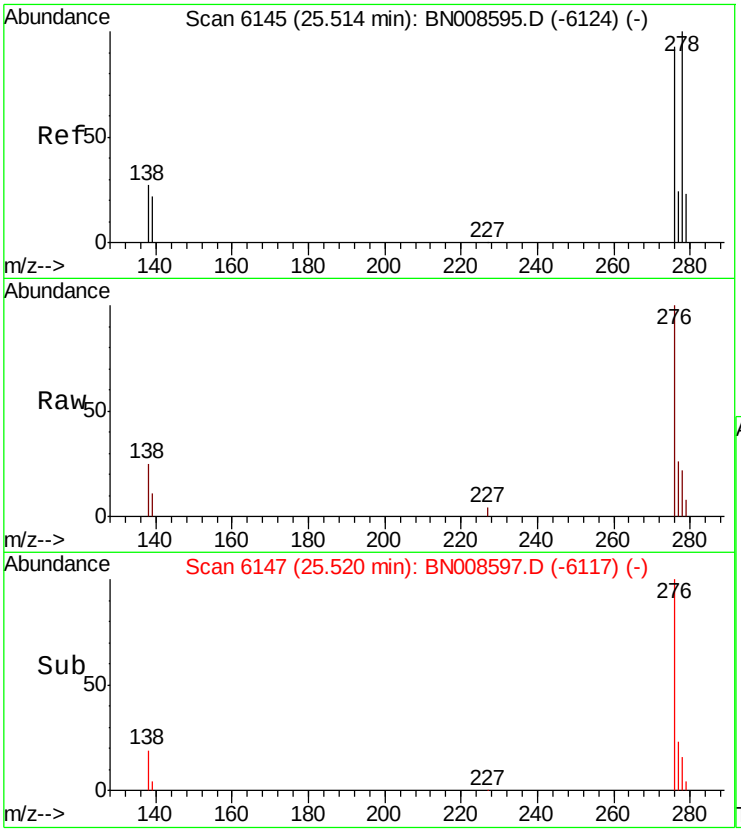


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.161 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:276 Resp: 101082

Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.7	32.5#
227	1.1	0.2	0.2#





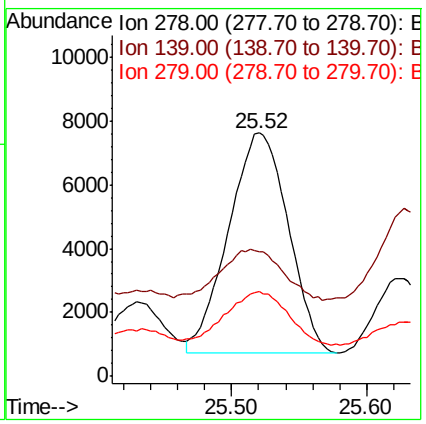
#25
Dibenzo(a,h)anthracene
Concen: 0.562 ng/ul
RT: 25.52 min Scan# 6147
Delta R.T. 0.00 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

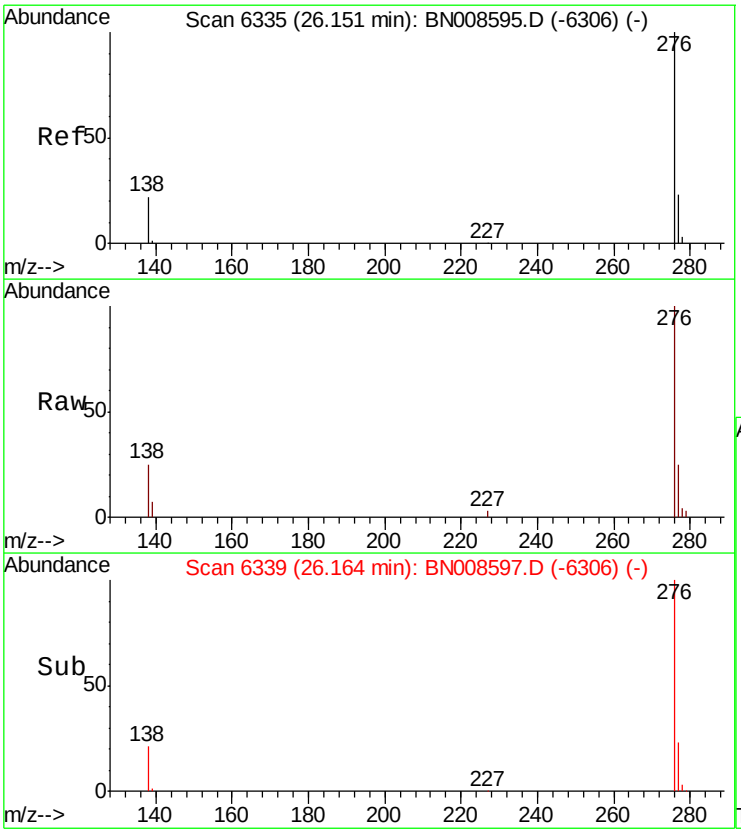
Tgt Ion:278 Resp: 21233

Ion	Ratio	Lower	Upper
278	100		
139	51.4	18.7	28.1#
279	34.6	20.8	31.2#

Instrument :
BNA_N
ClientSampleId :
JLM57

Manual Integrations APPROVED
mohammad
11/19/2019 2:43:55 PM





#26
Benzo(g,h,i)perylene
Concen: 2.661 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. 0.01 min
Lab File: BN008597.D
Acq: 18 Nov 2019 11:06

Tgt Ion:276 Resp: 104111

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.0	30.0
277	25.1	20.0	30.0