Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101619\

Quantitation Report (Not Reviewed)

Data File : BN008208.D
Acq On : 16 Oct 2019 20:56
Operator : JU
Sample : K5124-16 DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 17 01:52:59 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3102	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14952	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9689	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.20	240	14364	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	12013	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1013	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	2622	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	21955	0.516	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	13131	0.450	ng/ul	99
7) Acenaphthylene	13.96	152	1192	0.026	ng/ul#	67
8) Acenaphthene	14.31	153	1891	0.053	ng/ul	96
9) Fluorene	15.30	166	2139	0.052	ng/ul#	63
17) Pyrene	19.42	202	41847	0.732	ng/ul#	95
18) Benzo(a)anthracene	21.18	228	7367	0.141	ng/ul#	42
19) Chrysene	21.23	228	12303	0.192	ng/ul#	67
21) Benzo(b)fluoranthene	22.73	252	17881	0.457	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	17881	0.404	ng/ul#	1
23) Benzo(a)pyrene	23.28	252	5462	0.133	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.55	276	4471	0.092	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.54	278	2242	0.059	ng/ul#	1
26) Benzo(g,h,i)perylene	26.22	276	13344	0.300	ng/ul#	73

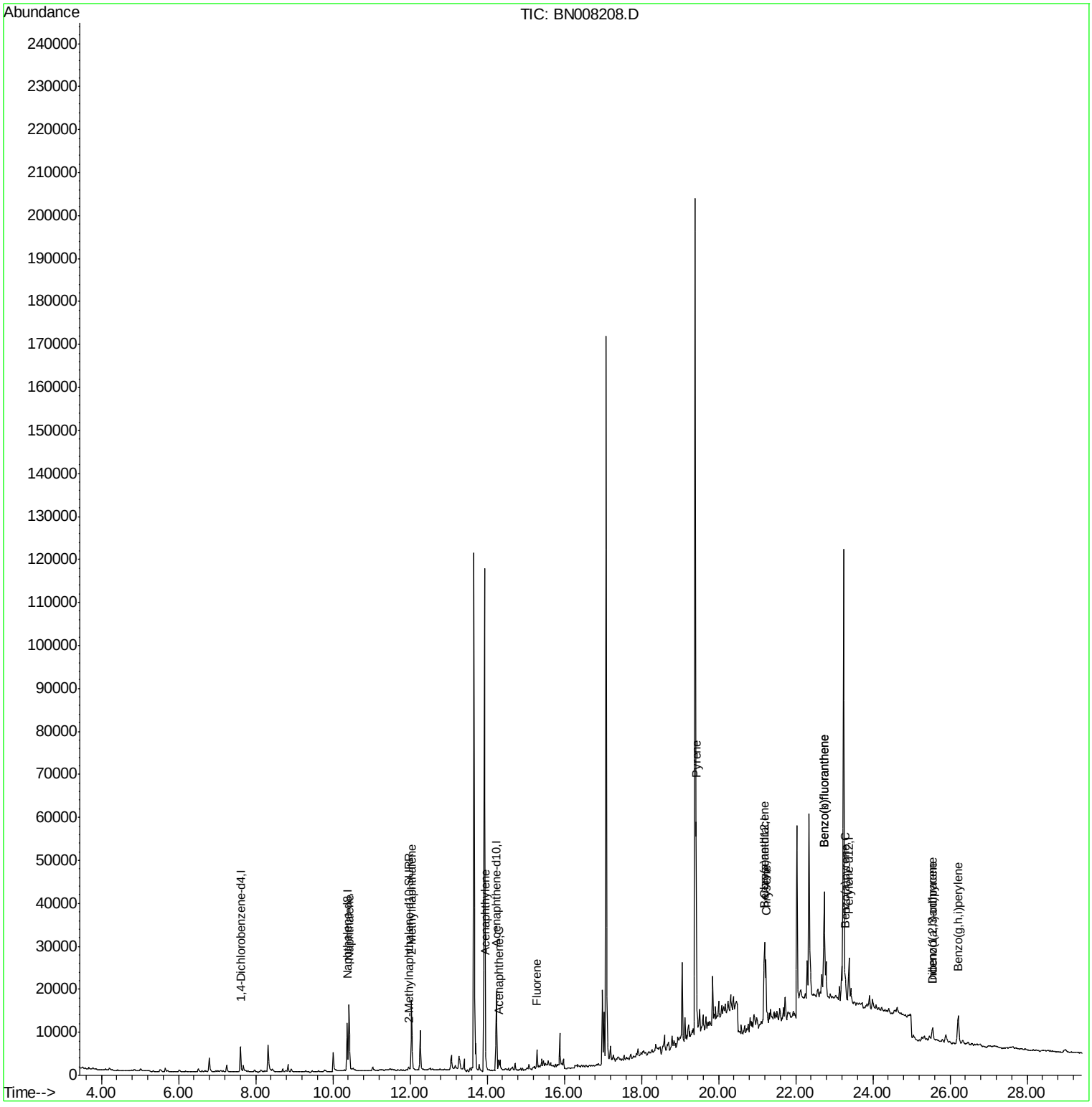
(#) = qualifier out of range (m) = manual integration (+) = signals summed

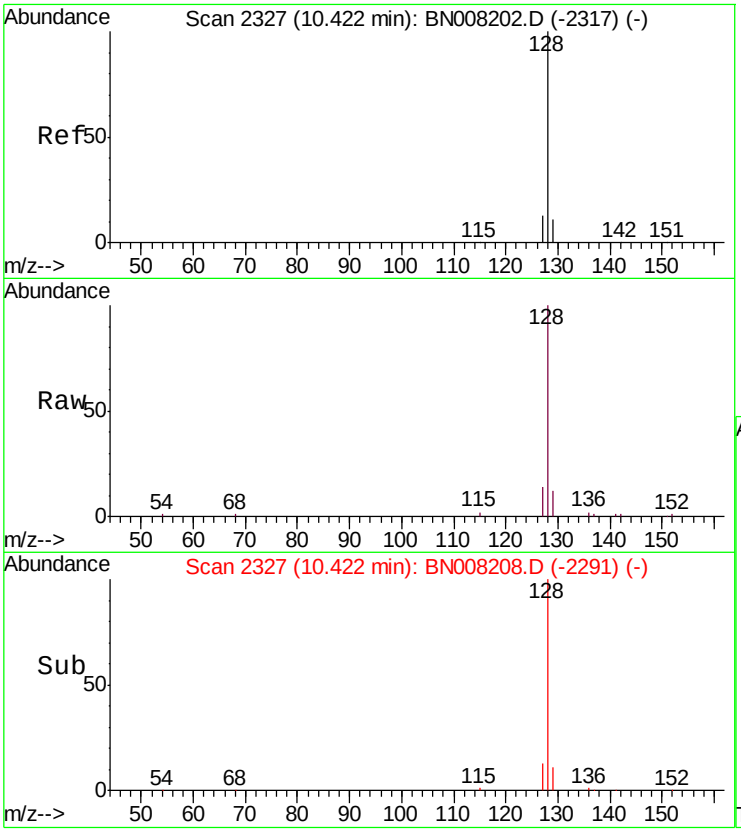
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101619\

Quantitation Report (Not Reviewed)

Data File : BN008208.D
Acq On : 16 Oct 2019 20:56
Operator : JU
Sample : K5124-16 DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 17 01:52:59 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

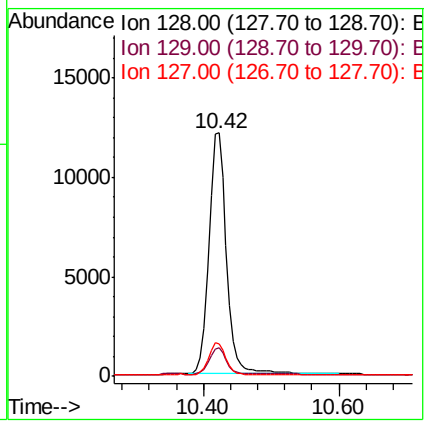


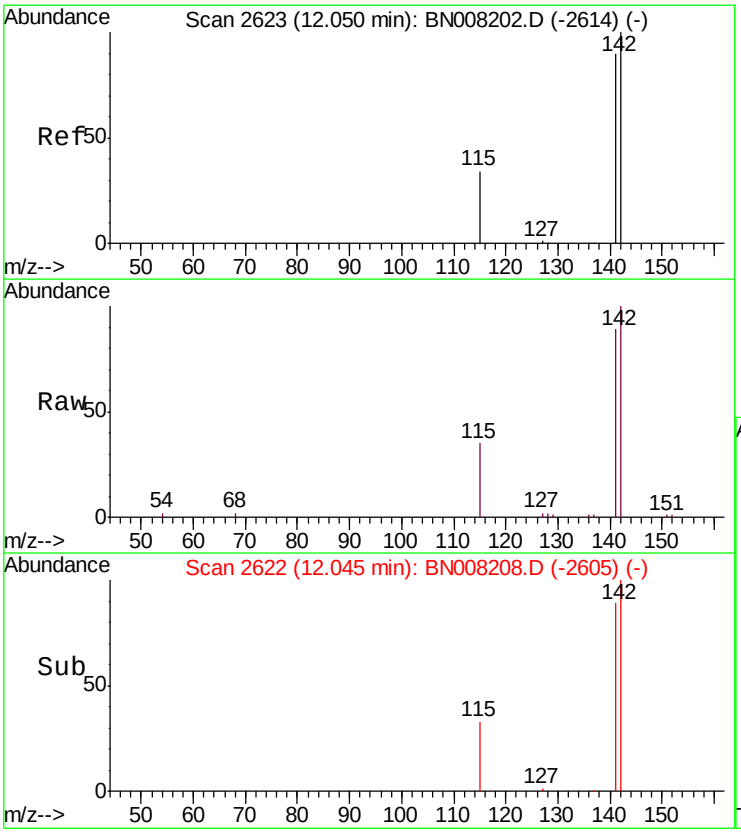


#3
Naphthalene
Concen: 0.516 ng/ul
RT: 10.42 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:128 Resp: 21955

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.5	11.1	16.7

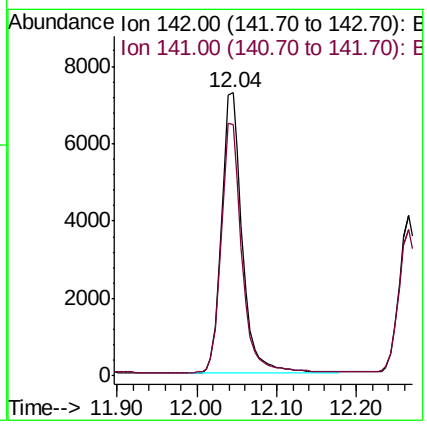


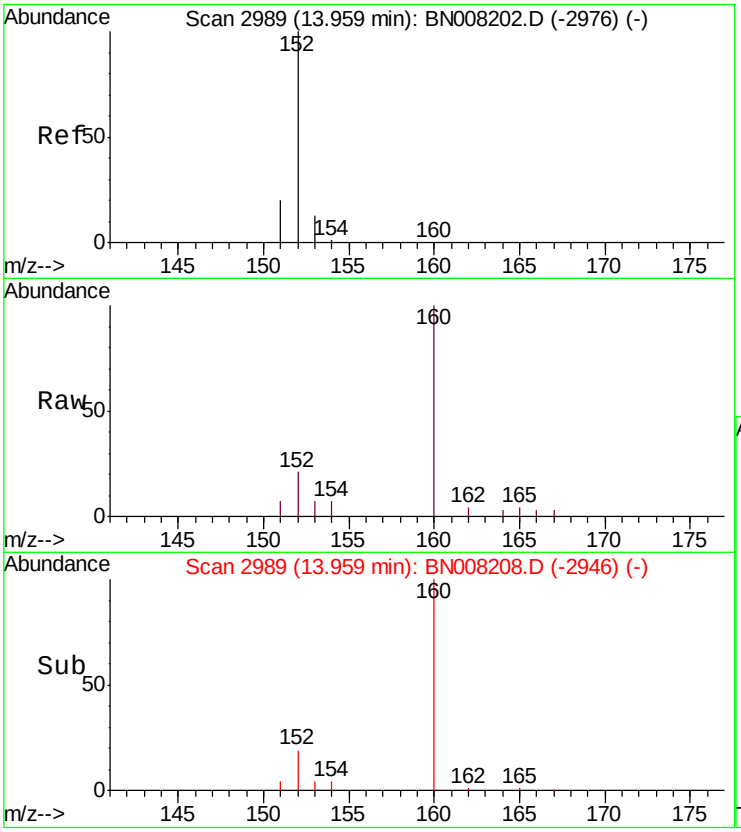


#5
2-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:142 Resp: 13131

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2

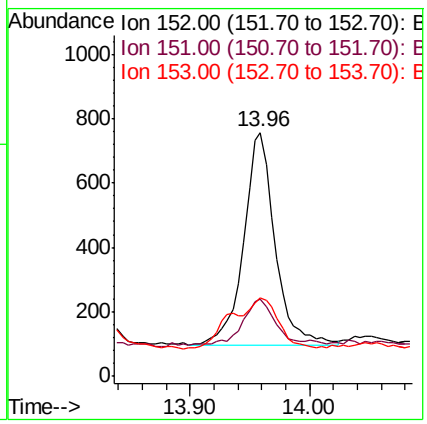


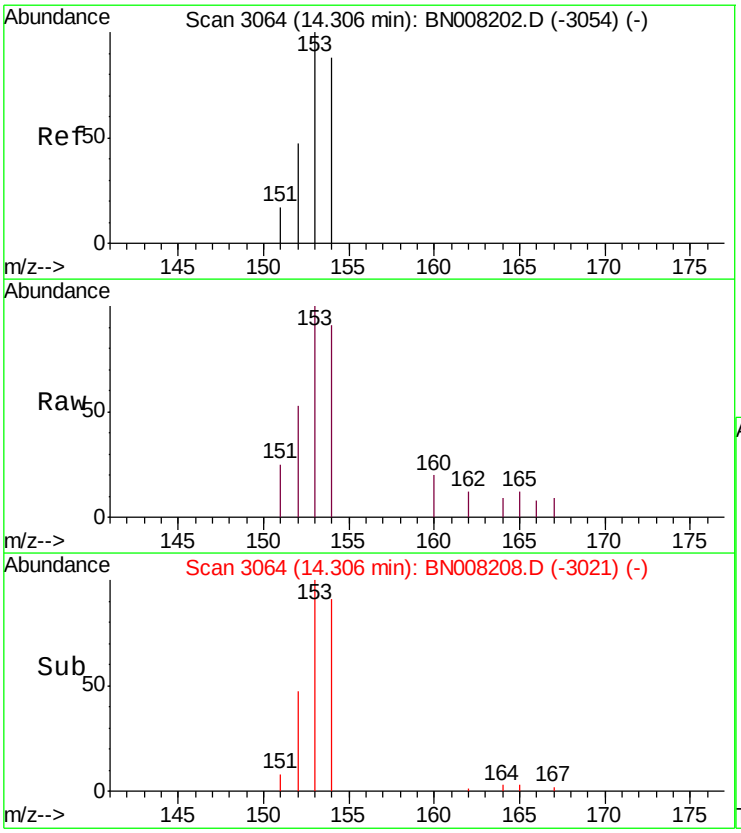


#7
Acenaphthylene
Concen: 0.026 ng/ul
RT: 13.96 min Scan# 2989
Delta R.T. 0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:152 Resp: 1192

Ion	Ratio	Lower	Upper
152	100		
151	31.7	16.2	24.4#
153	32.1	11.0	16.4#

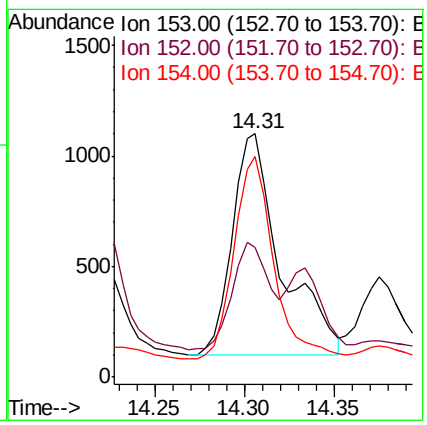


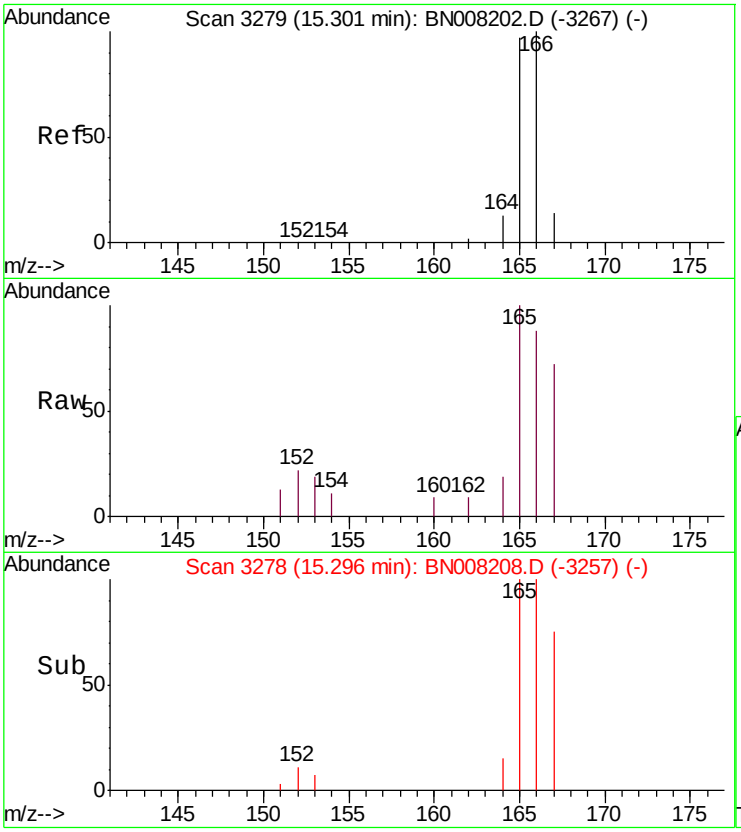


#8
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.31 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:153 Resp: 1891

Ion	Ratio	Lower	Upper
153	100		
152	53.2	38.2	57.2
154	90.8	71.8	107.8

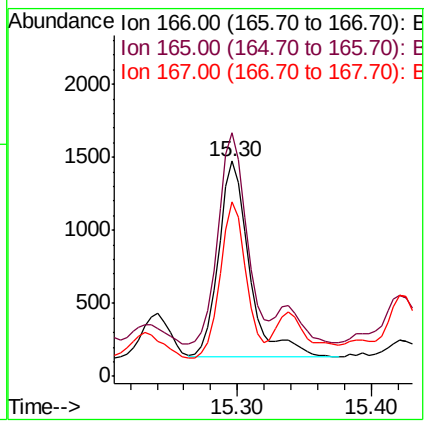


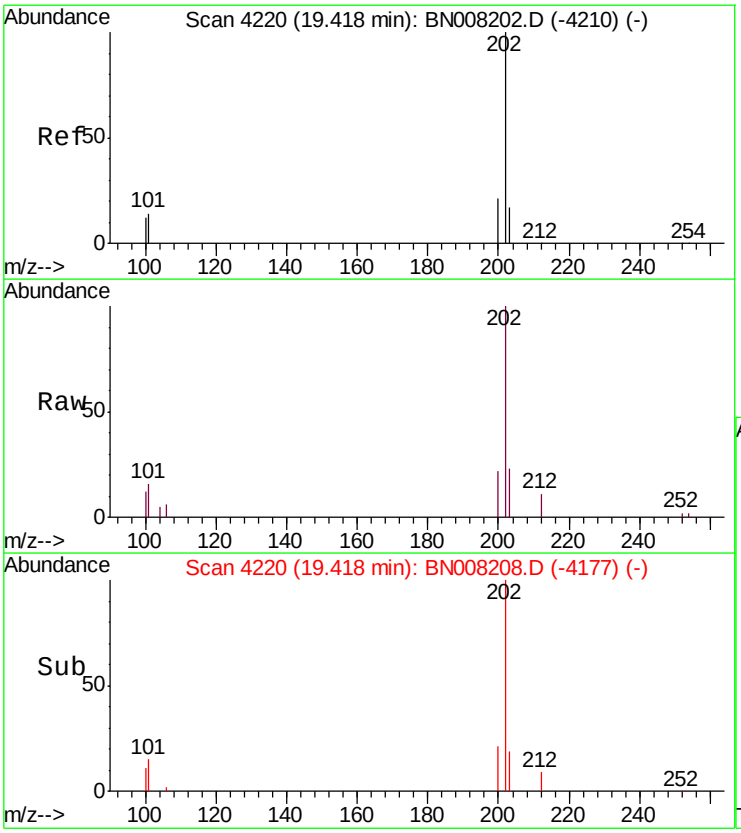


#9
Fluorene
Concen: 0.052 ng/ul
RT: 15.30 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:166 Resp: 2139

Ion	Ratio	Lower	Upper
166	100		
165	113.2	76.6	115.0
167	81.1	11.7	17.5#

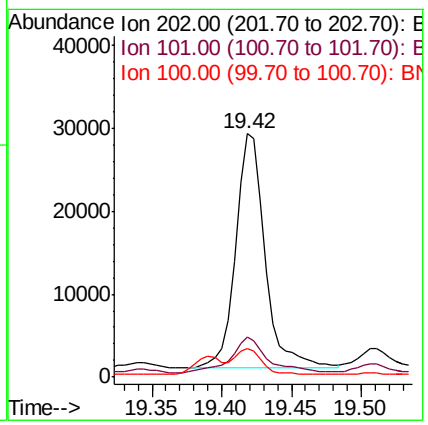


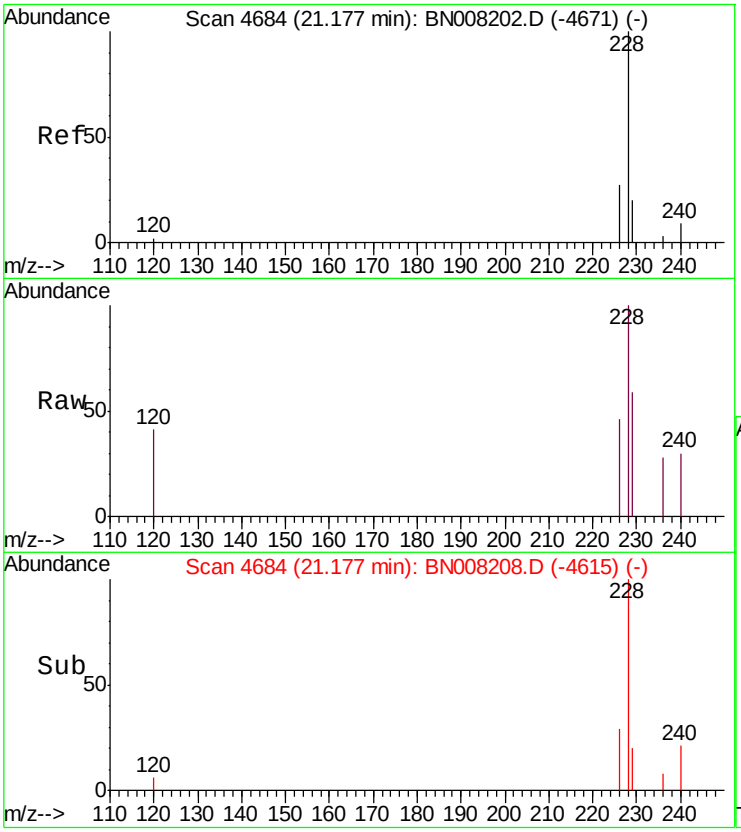


#17
Pyrene
Concen: 0.732 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:202 Resp: 41847

Ion	Ratio	Lower	Upper
202	100		
101	16.4	10.9	16.3#
100	12.0	8.7	13.1

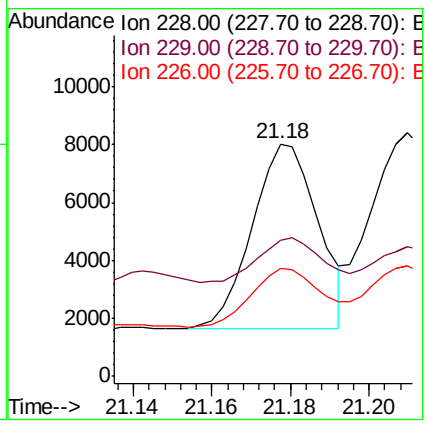


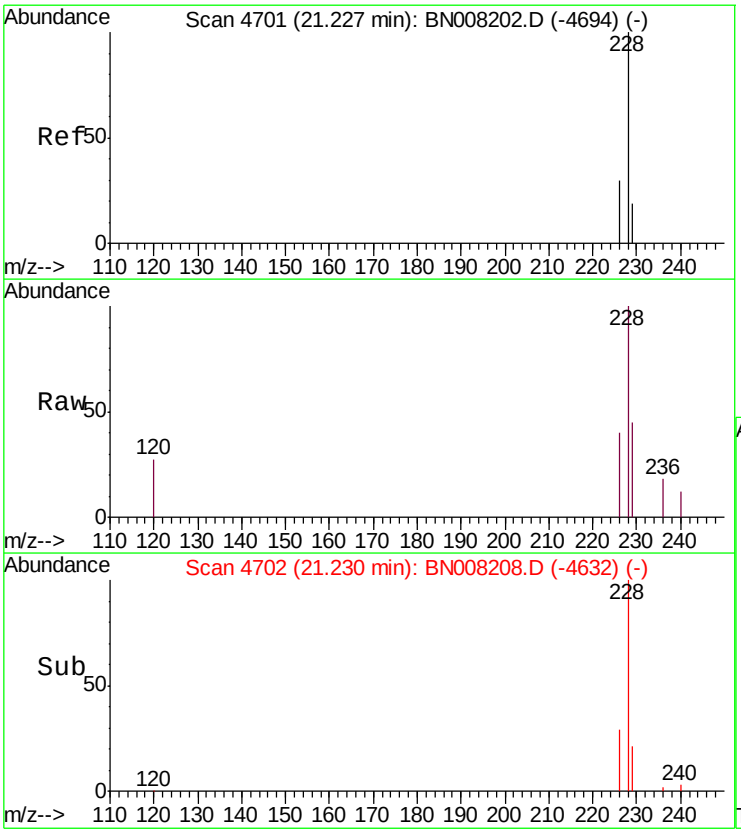


#18
Benzo(a)anthracene
Concen: 0.141 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. 0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:228 Resp: 7367

Ion	Ratio	Lower	Upper
228	100		
229	58.7	16.2	24.2#
226	46.3	21.4	32.0#

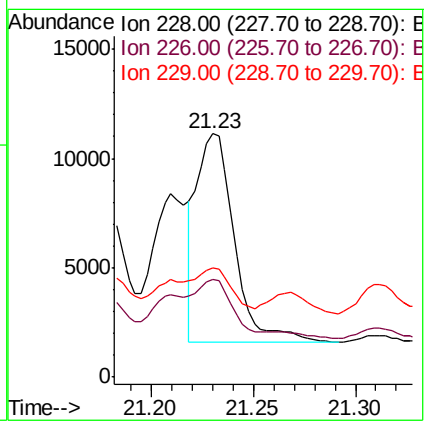


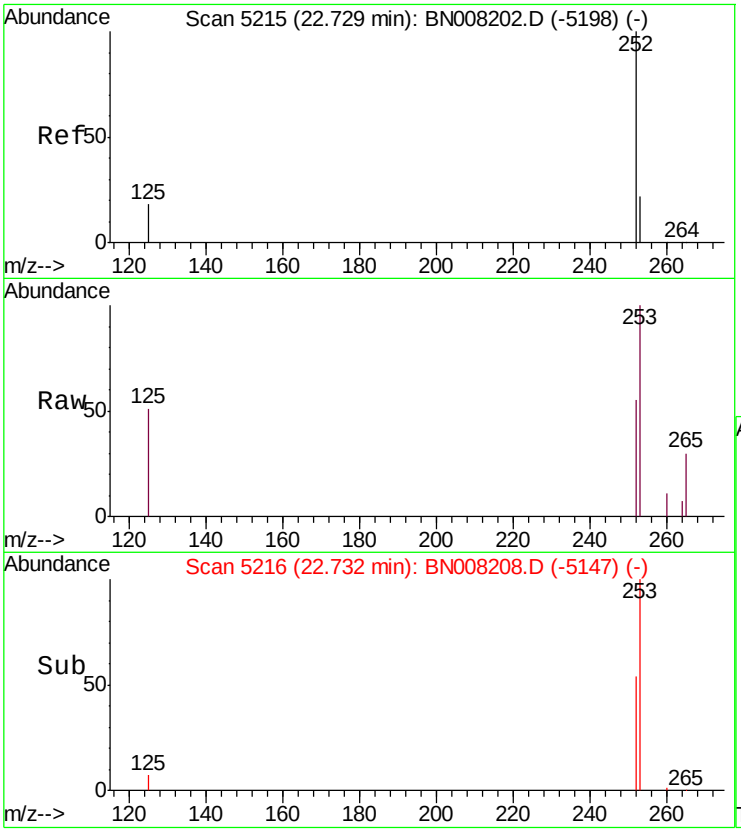


#19
Chrysene
Concen: 0.192 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:228 Resp: 12303

Ion	Ratio	Lower	Upper
228	100		
226	40.2	24.1	36.1#
229	44.7	16.2	24.2#

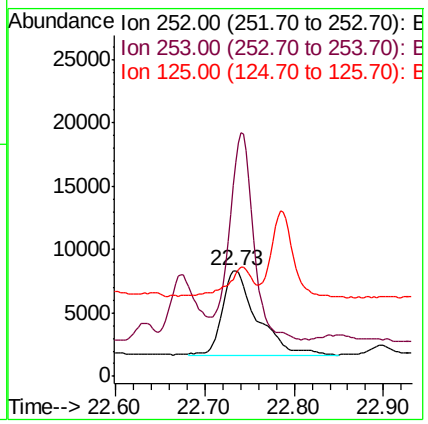


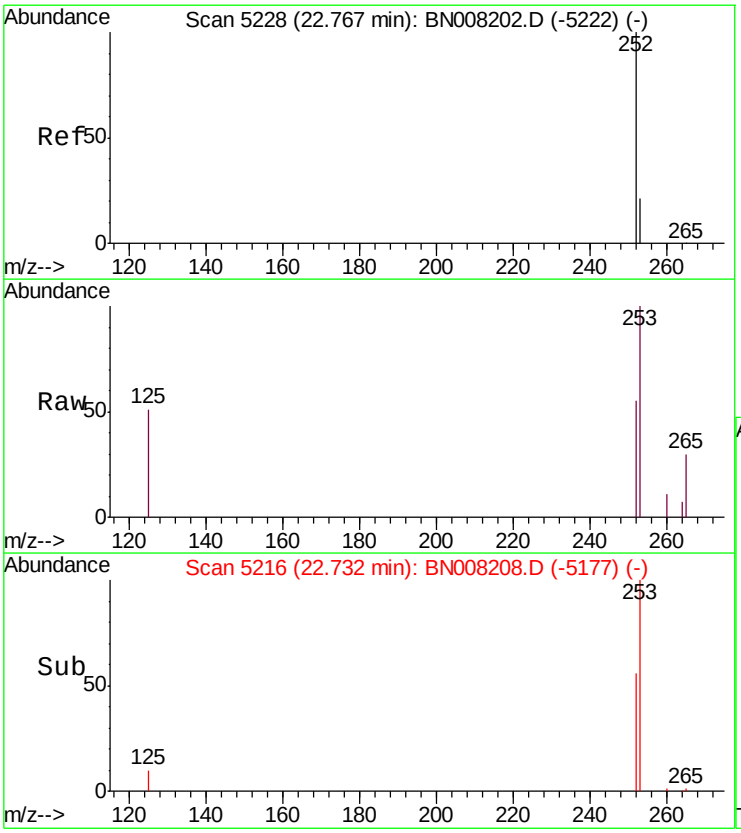


#21
Benzo(b)fluoranthene
Concen: 0.457 ng/ul
RT: 22.73 min Scan# 5216
Delta R.T. 0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:252 Resp: 17881

Ion	Ratio	Lower	Upper
252	100		
253	180.3	0.0	53.4#
125	91.4	0.0	32.4#

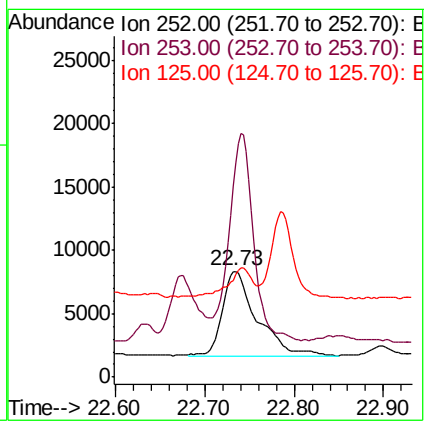


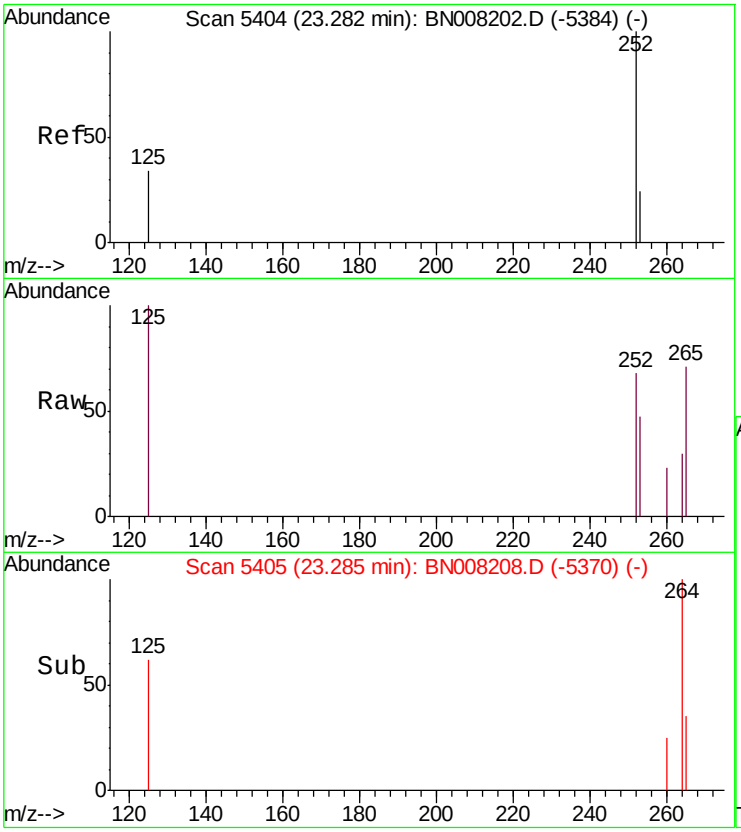


#22
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 22.73 min Scan# 5216
Delta R.T. -0.03 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:252 Resp: 17881

Ion	Ratio	Lower	Upper
252	100		
253	180.3	21.3	31.9#
125	91.4	12.3	18.5#

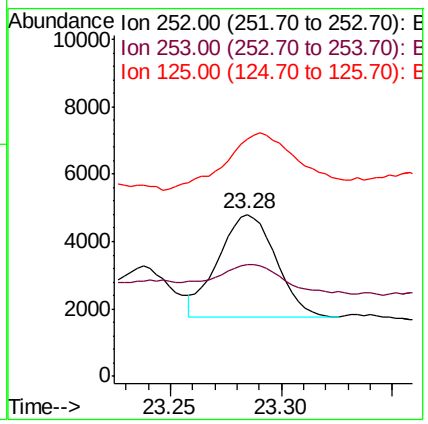


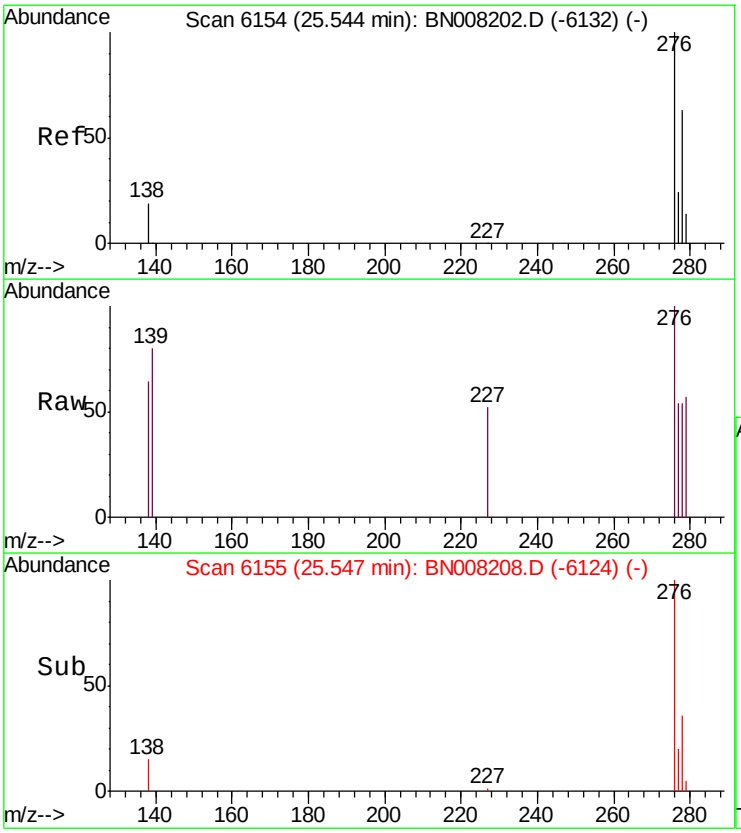


#23
Benzo(a)pyrene
Concen: 0.133 ng/ul
RT: 23.28 min Scan# 5405
Delta R.T. 0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:252 Resp: 5462

Ion	Ratio	Lower	Upper
252	100		
253	69.2	22.8	34.2#
125	146.7	18.4	27.6#

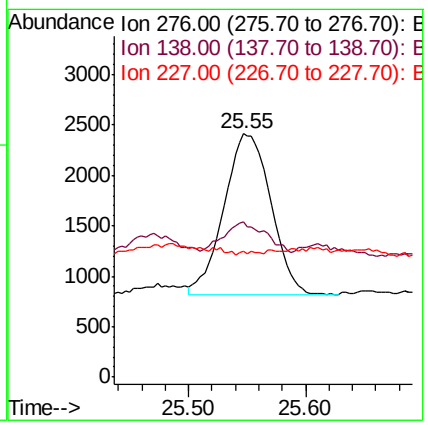


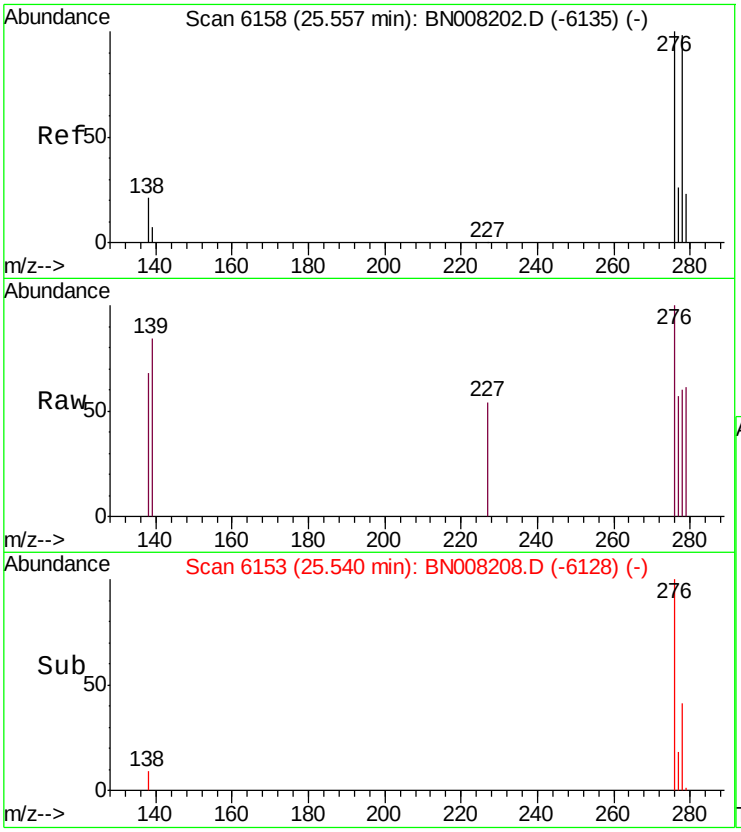


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng/ul
RT: 25.55 min Scan# 6155
Delta R.T. 0.00 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:276 Resp: 4471

Ion	Ratio	Lower	Upper
276	100		
138	16.3	16.1	24.1
227	0.4	0.2	0.2#

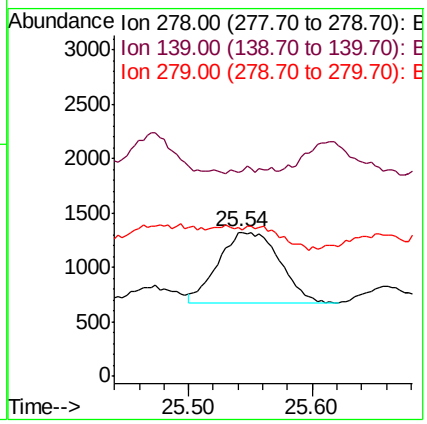


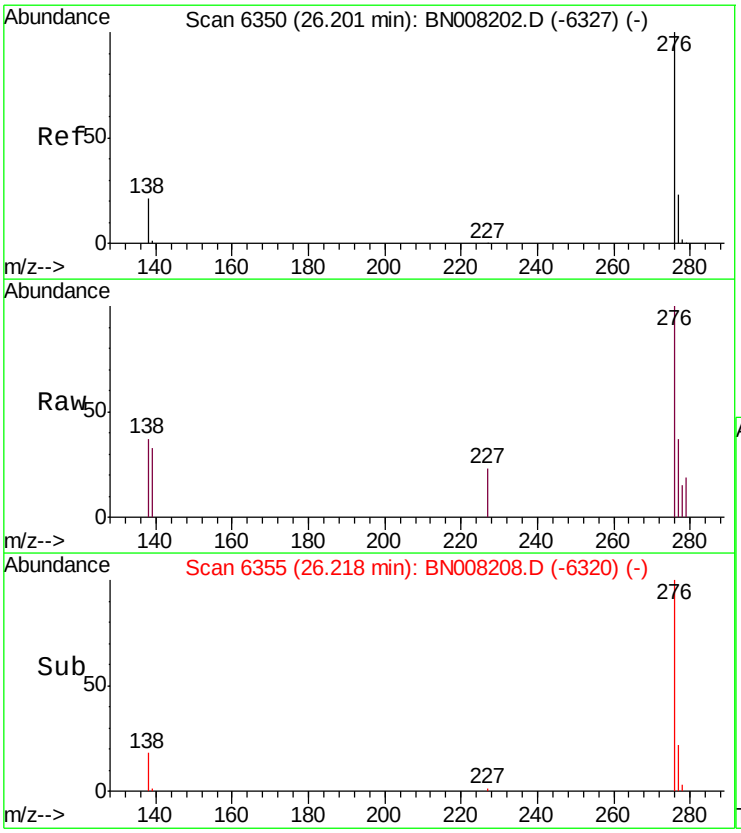


#25
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.02 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:278 Resp: 2242

Ion	Ratio	Lower	Upper
278	100		
139	141.5	15.0	22.6#
279	103.1	22.4	33.6#





#26
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 26.22 min Scan# 6355
Delta R.T. 0.02 min
Lab File: BN008208.D
Acq: 16 Oct 2019 20:56

Tgt Ion:276 Resp: 13344

Ion	Ratio	Lower	Upper
276	100		
138	36.9	17.0	25.4#
277	36.7	20.4	30.6#