Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008929.D
Acq On : 11 Dec 2019 22:21
Operator : JU
Sample : K6088-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Dec 12 00:22:58 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 : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2364	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10116	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6587	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15346	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13472	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14256	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2835	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8891	0.19	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	16.97	178	2838	0.055	ng/ul#	92
15) Fluoranthene	19.00	202	9333	0.147	ng/ul	99
17) Pyrene	19.36	202	9502	0.176	ng/ul	98
18) Benzo(a)anthracene	21.12	228	4420	0.082	ng/ul	97
19) Chrysene	21.17	228	4705	0.088	ng/ul	96
21) Benzo(b)fluoranthene	22.64	252	8586	0.146	ng/ul	72
22) Benzo(k)fluoranthene	22.64	252	8586	0.147	ng/ul#	73
23) Benzo(a)pyrene	23.19	252	4128	0.075	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	25.39	276	3032	0.047	ng/ul#	92
26) Benzo(g,h,i)perylene	26.02	276	2862	0.053	ng/ul#	89

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

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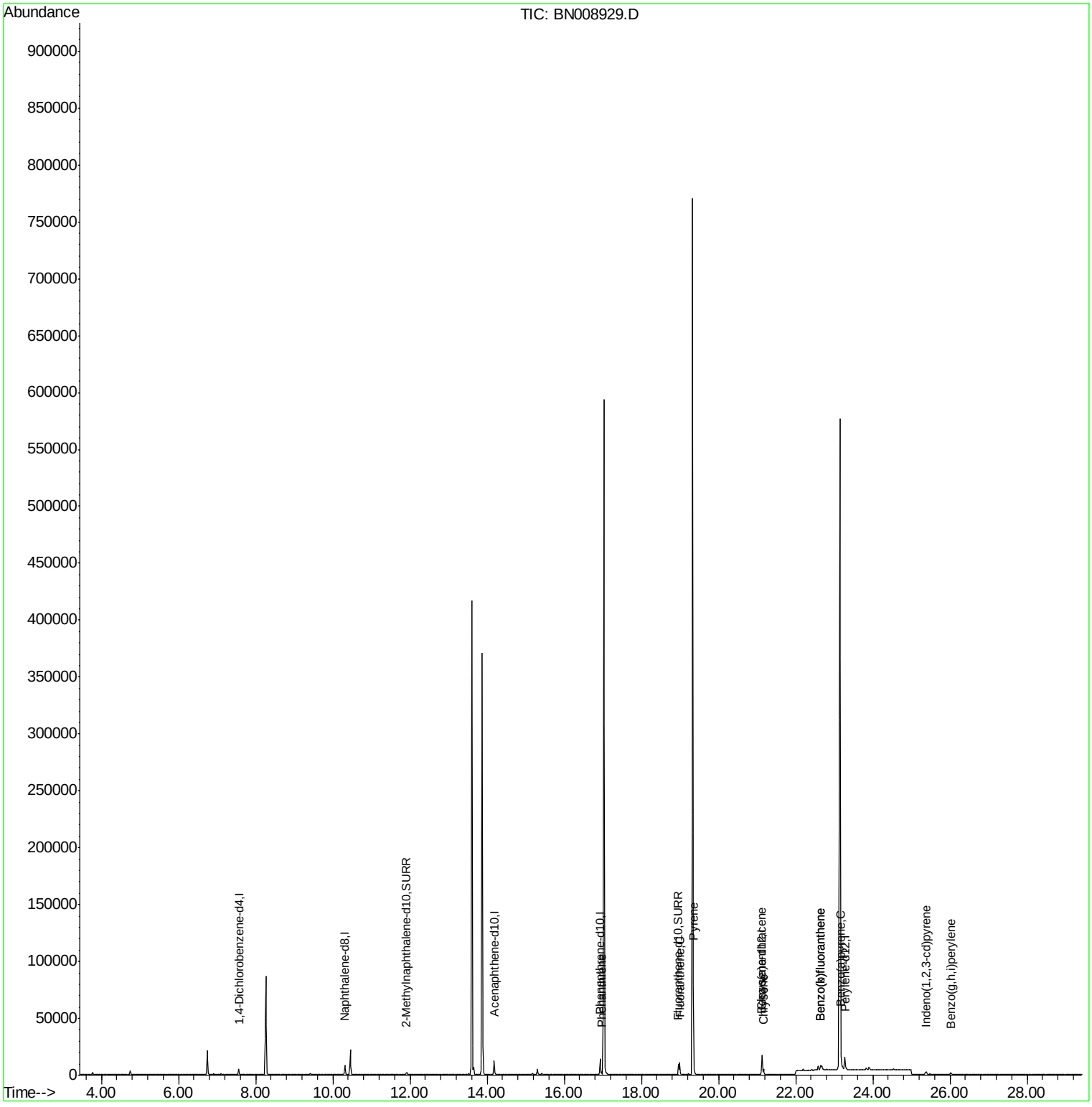
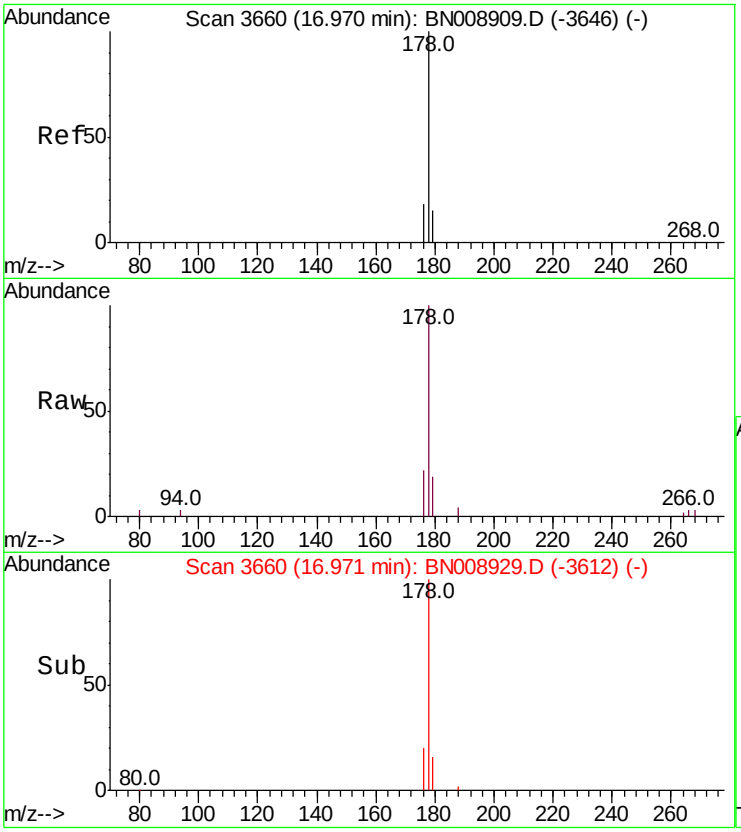


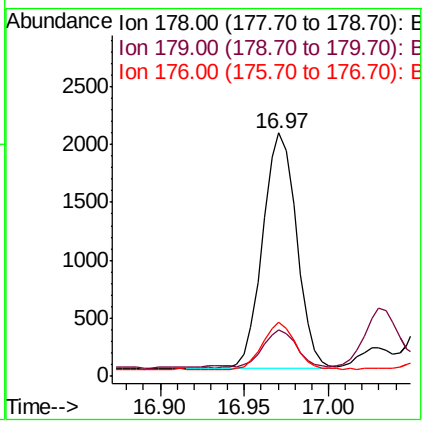


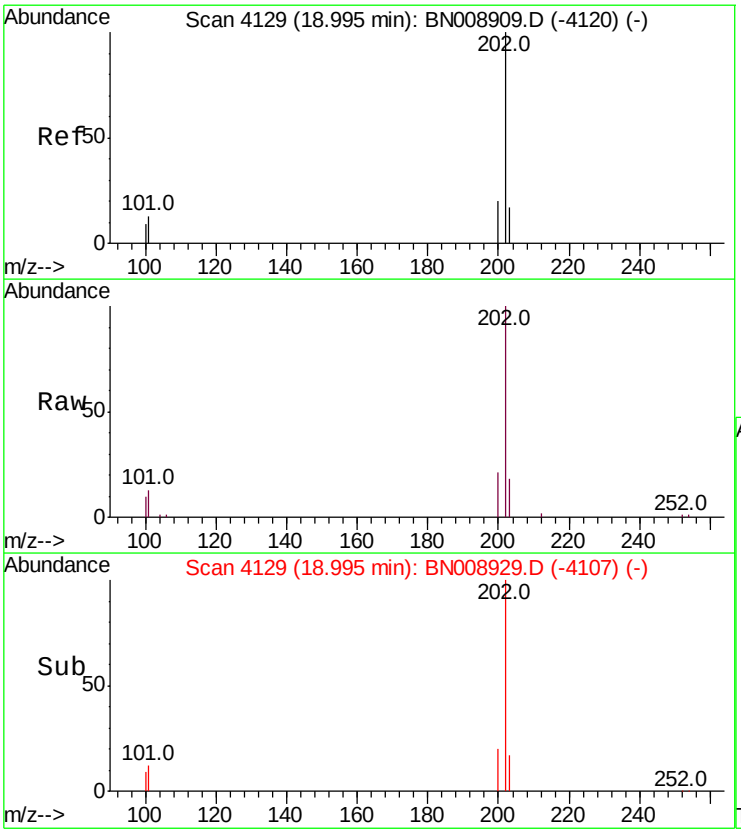
#12
Phenanthrene
Concen: 0.055 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2838

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.6	18.8#
176	22.4	15.3	22.9

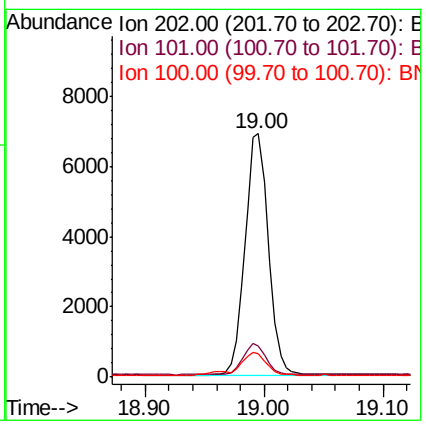


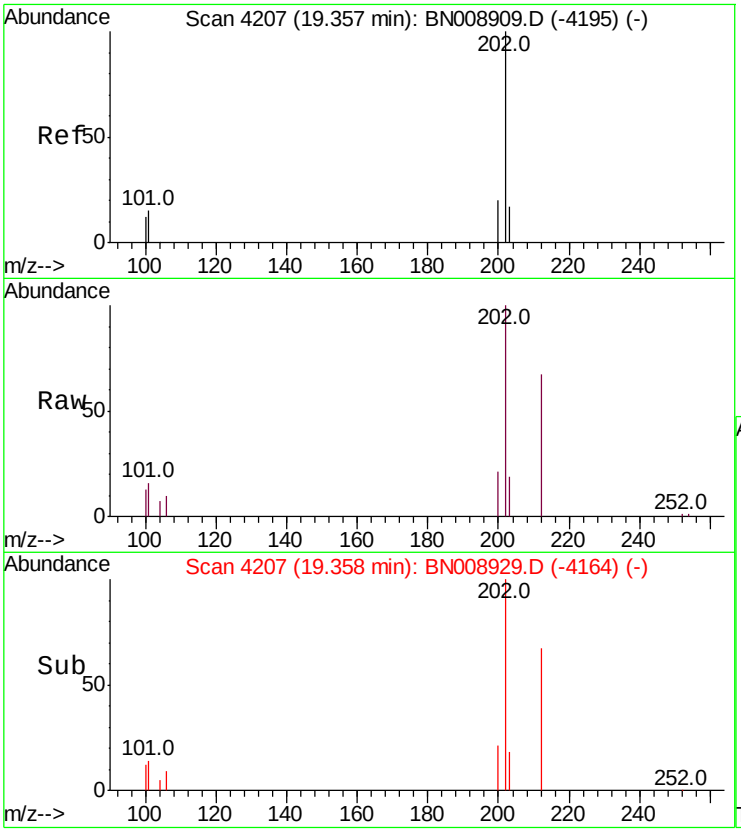


#15
Fluoranthene
Concen: 0.147 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Tgt Ion:202 Resp: 9333

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.4
100	9.6	0.0	29.2



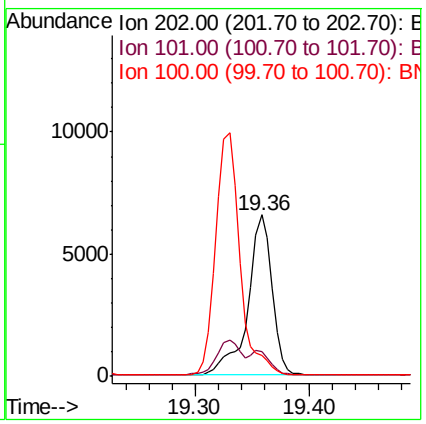


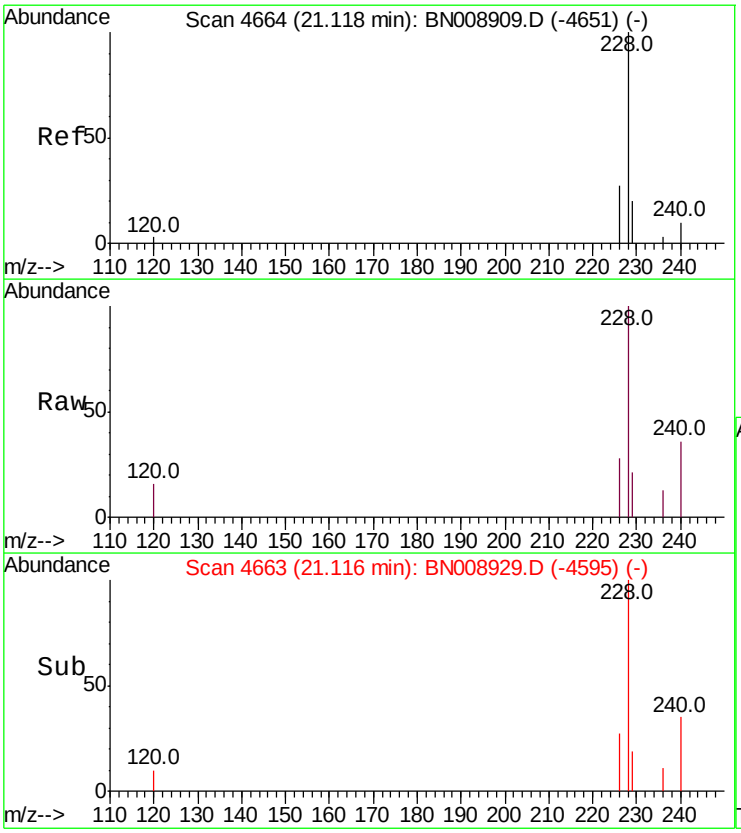
#17
Pyrene
Concen: 0.176 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 9502

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.2	18.4
100	12.9	9.5	14.3

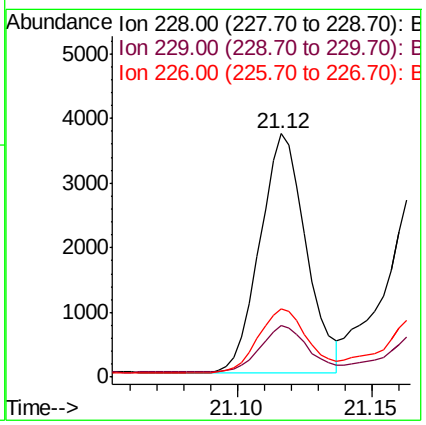


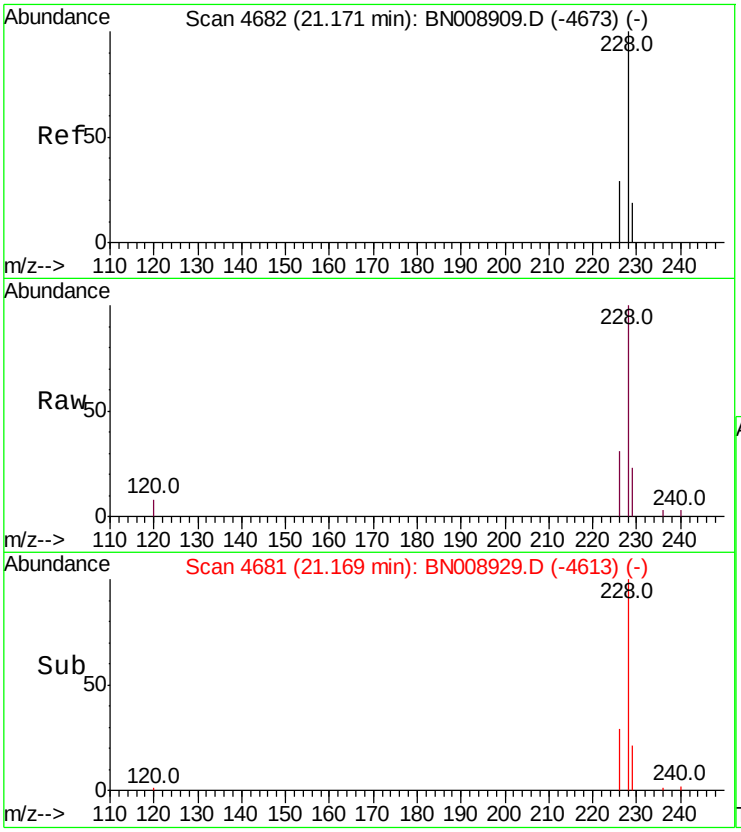


#18
Benzo(a)anthracene
Concen: 0.082 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Tgt Ion:228 Resp: 4420

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.2	21.5	32.3



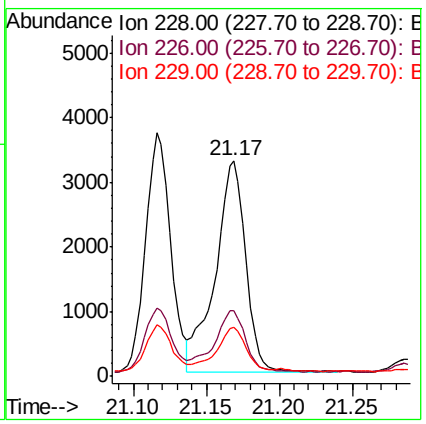


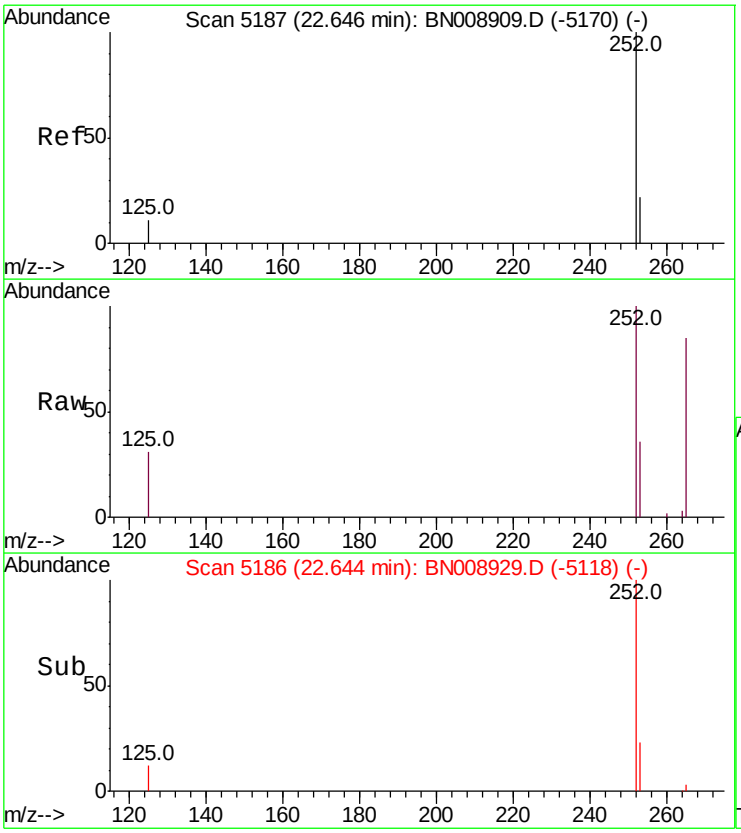
#19
Chrysene
Concen: 0.088 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4705

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	22.5	15.6	23.4

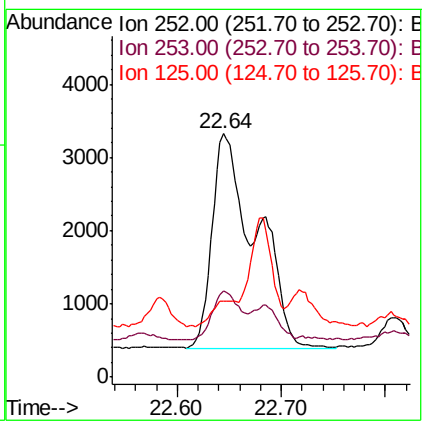


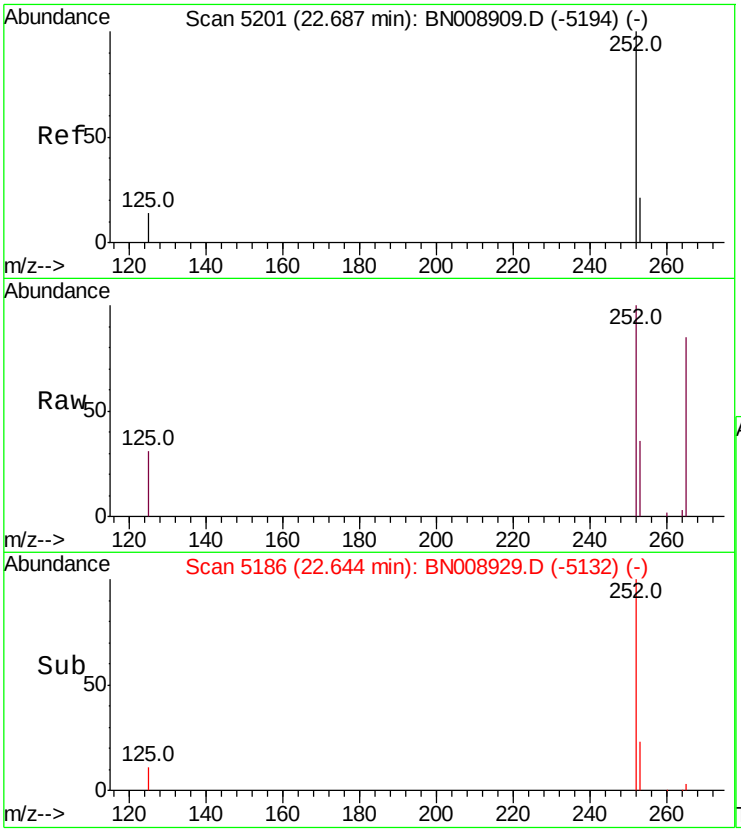


#21
Benzo(b)fluoranthene
Concen: 0.146 ng/ul
RT: 22.64 min Scan# 5186
Delta R.T. -0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Tgt Ion:252 Resp: 8586

Ion	Ratio	Lower	Upper
252	100		
253	35.6	0.0	48.6
125	31.4	0.0	31.6



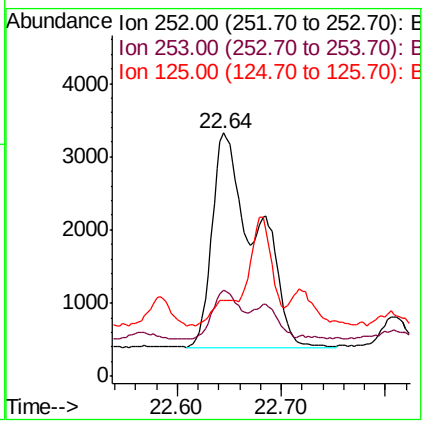


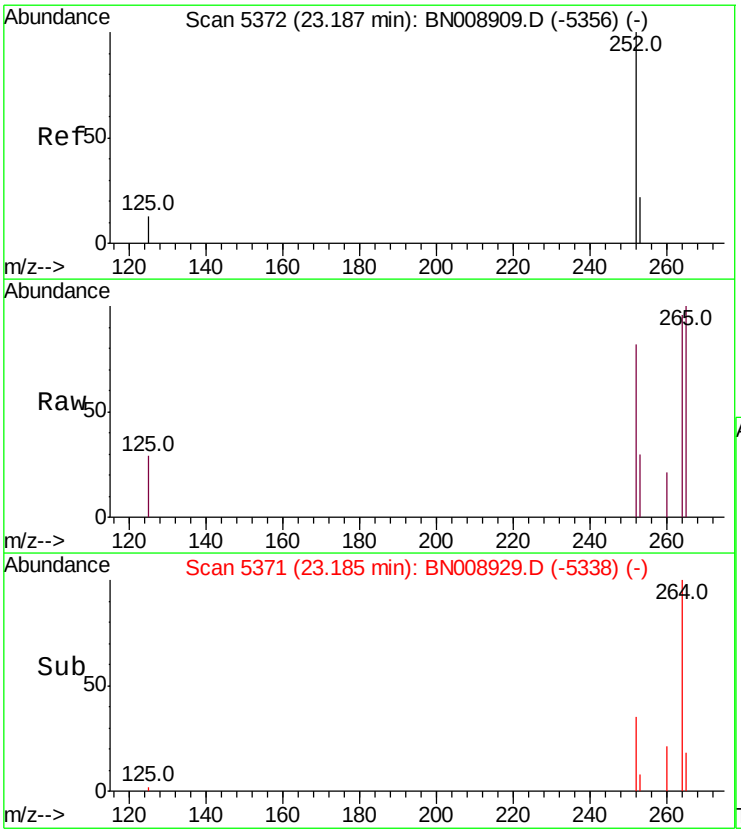
#22
Benzo(k)fluoranthene
Concen: 0.147 ng/ul
RT: 22.64 min Scan# 5186
Delta R.T. -0.04 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8586

Ion	Ratio	Lower	Upper
252	100		
253	35.6	19.6	29.4#
125	31.4	13.8	20.6#

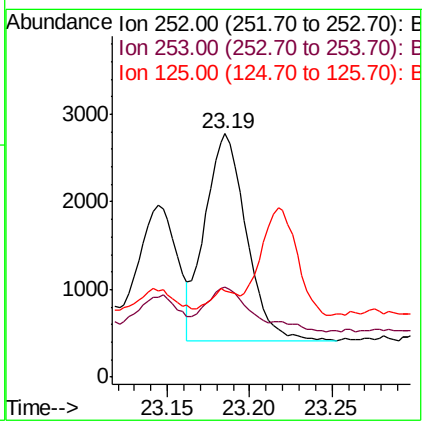


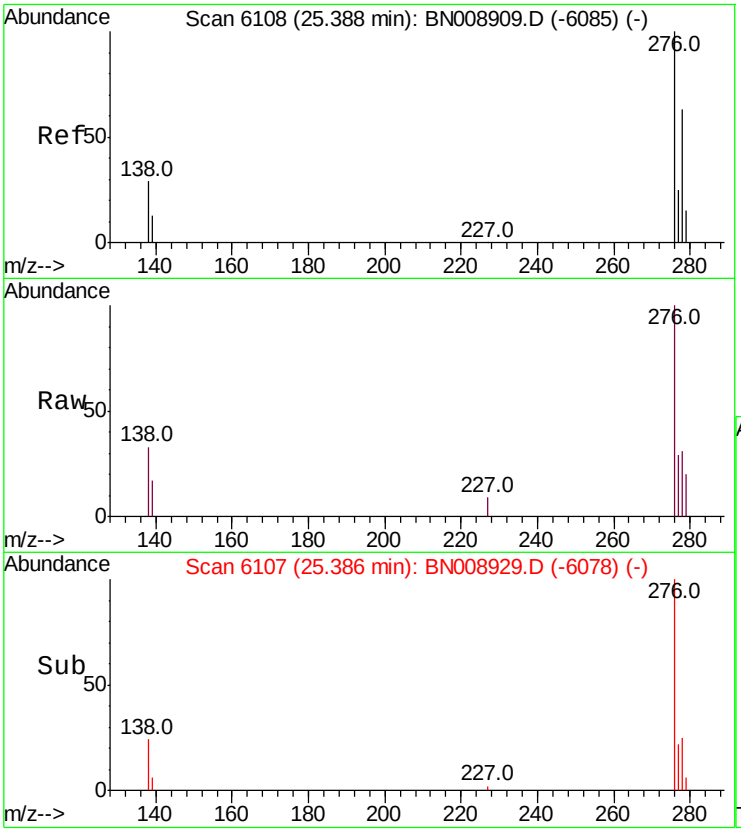


#23
Benzo(a)pyrene
Concen: 0.075 ng/ul
RT: 23.19 min Scan# 5371
Delta R.T. -0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Tgt Ion:252 Resp: 4128

Ion	Ratio	Lower	Upper
252	100		
253	37.1	19.9	29.9#
125	35.3	14.6	22.0#



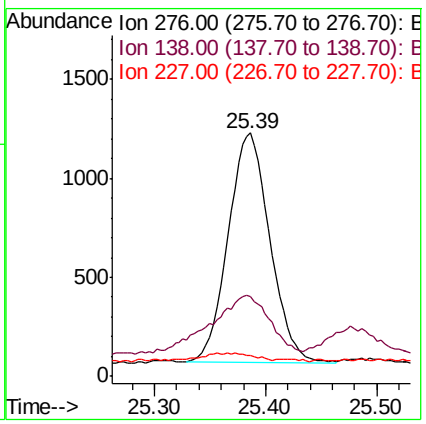


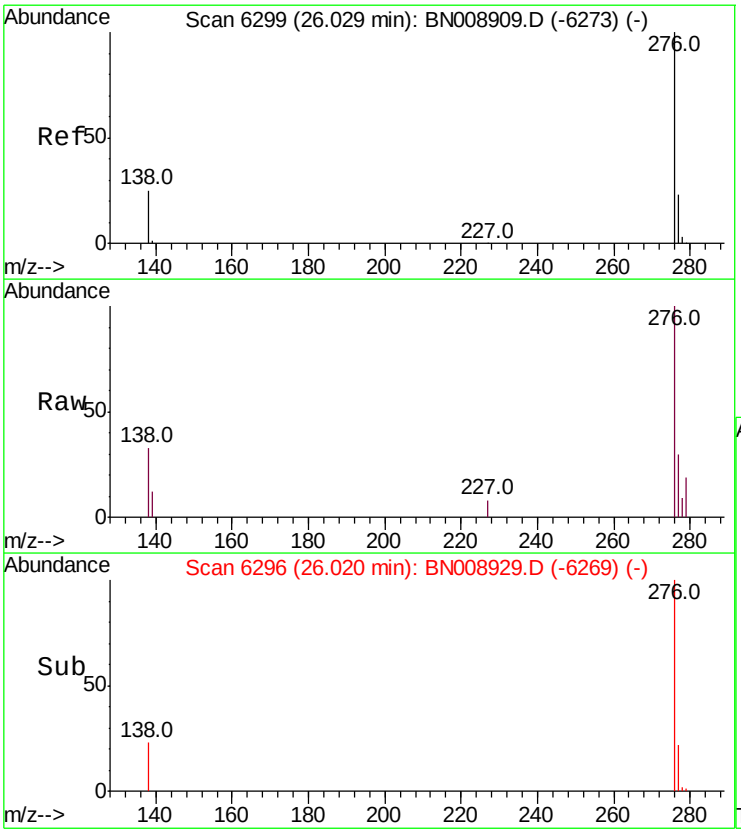
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.00 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3032

Ion	Ratio	Lower	Upper
276	100		
138	34.0	23.8	35.6
227	0.0	0.2	0.2#





#26
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008929.D
Acq: 11 Dec 2019 22:21

Tgt Ion:276 Resp: 2862

Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.9	32.9#
277	30.1	19.9	29.9#