Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120916\
Data File : BM008211.D
Acq On : 09 Dec 2016 18:40
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA7Y3

Quant Time: Dec 10 00:44:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 00:42:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	573	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	1883	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.33	164	1977	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.28	240	1541	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1534	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1018	0.38	ng/ul	-0.04
14) Fluoranthene-d10	19.11	212	2284	0.00	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.51	128	204466	38.83	ng/ul#	93
5) 2-Methylnaphthalene	12.13	142	286061	84.27	ng/ul	99
7) Acenaphthylene	14.04	152	5295	0.59	ng/ul#	3
8) Acenaphthene	14.38	153	16194	2.38	ng/ul	97
9) Fluorene	15.38	166	36844	4.71	ng/ul#	83
17) Pyrene	19.50	202	1472	0.28	ng/ul#	67
18) Benzo(a)anthracene	21.26	228	252	0.05	ng/ul#	1
19) Chrysene	21.31	228	201	0.03	ng/ul#	1
21) Benzo(b)fluoranthene	22.84	252	263	0.04	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	274	0.04	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	577	0.10	ng/ul#	1

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

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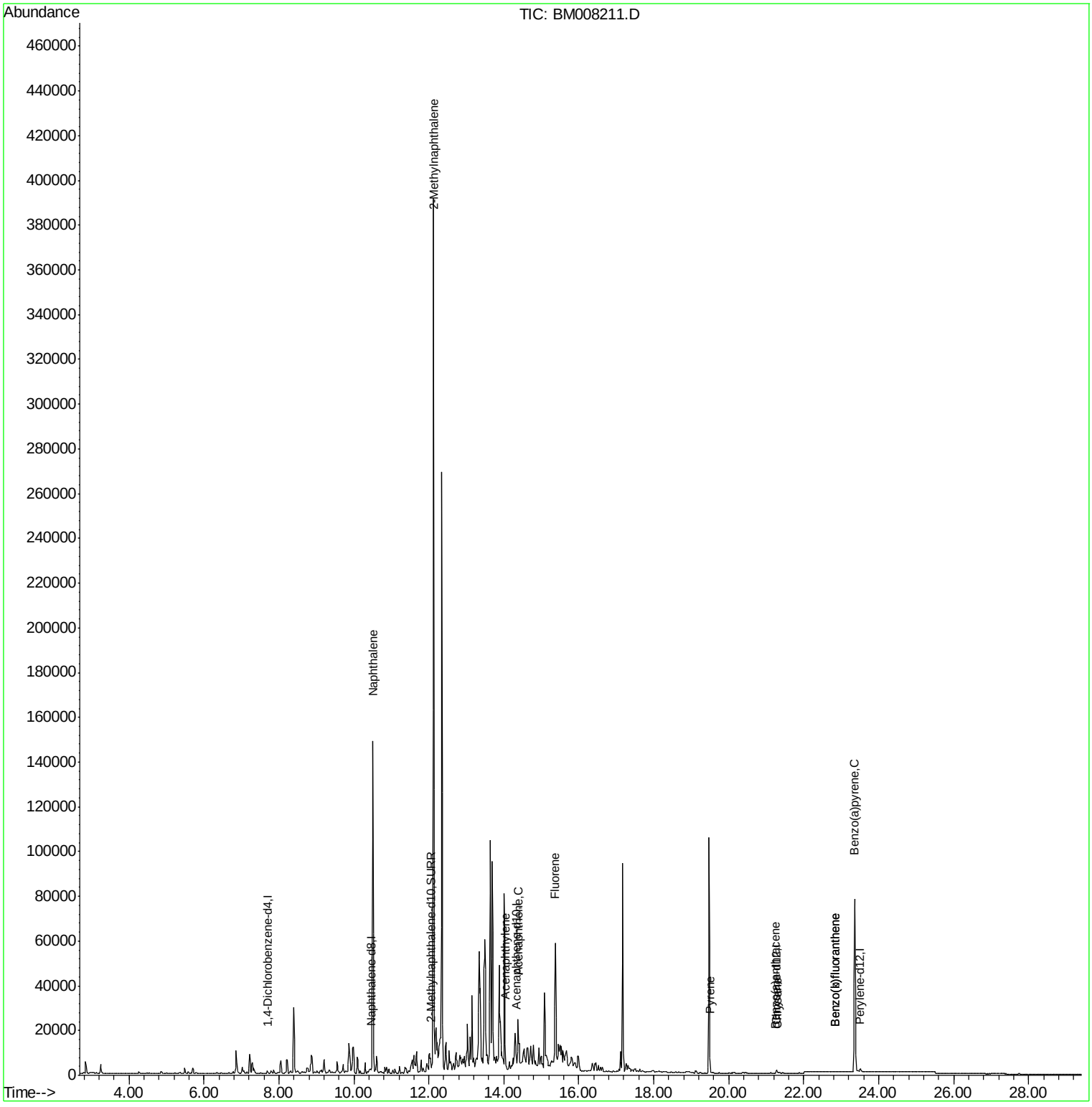
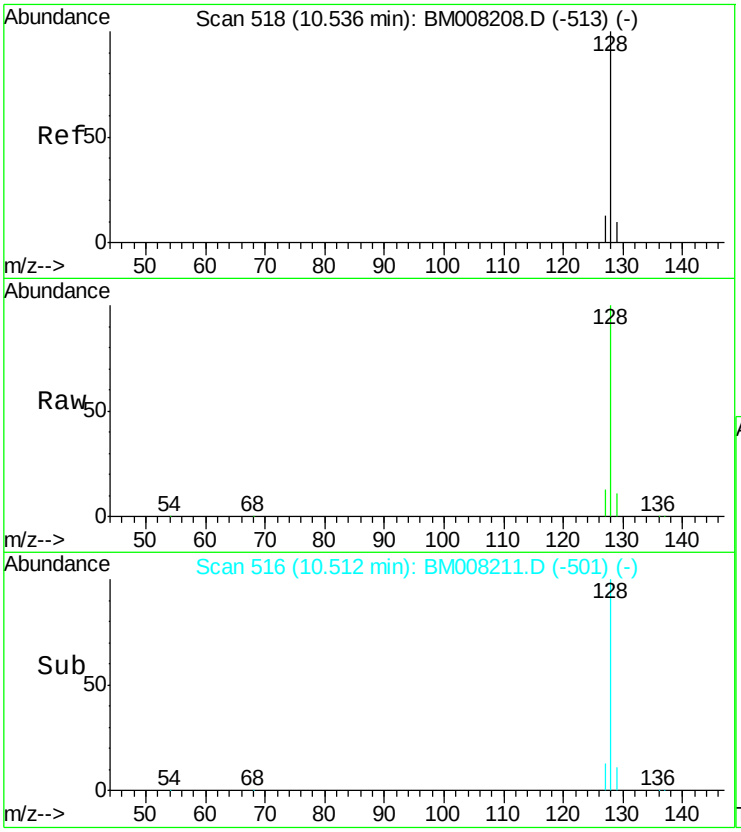


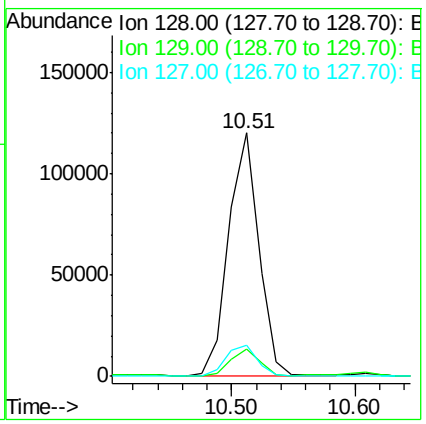


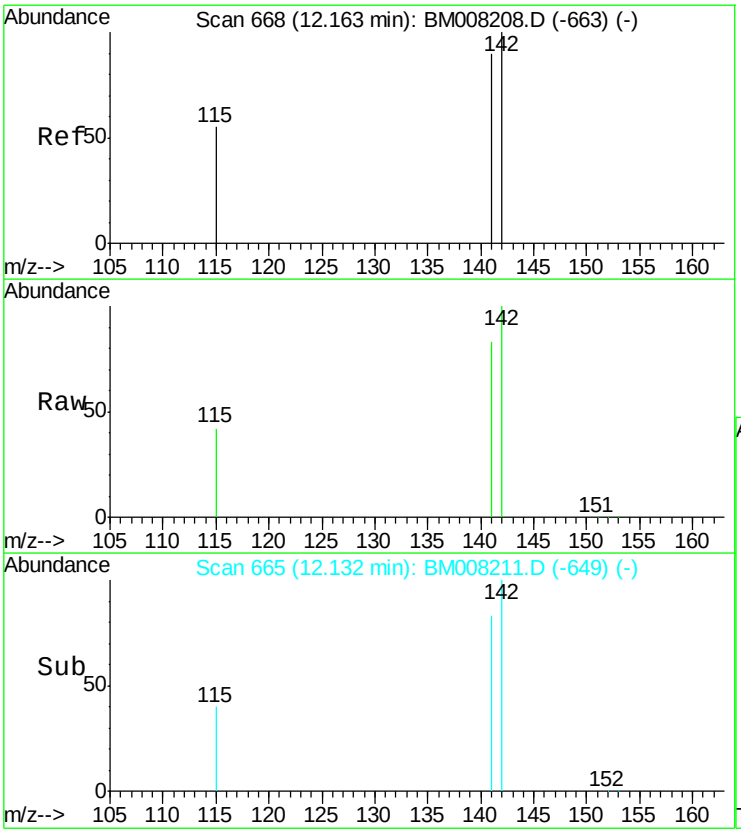
#3
Naphthalene
Concen: 38.83 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Instrument :
BNA_M
ClientSampleId :
DA7Y3

Tgt Ion:128 Resp: 204466

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	12.6	12.8	19.2#

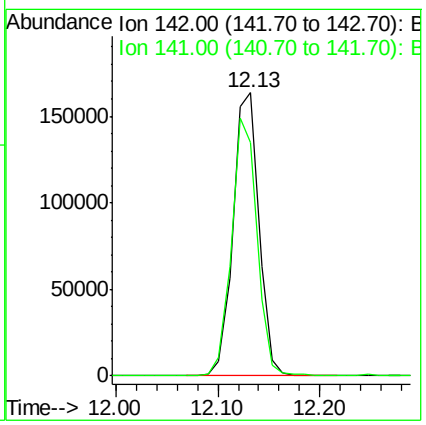


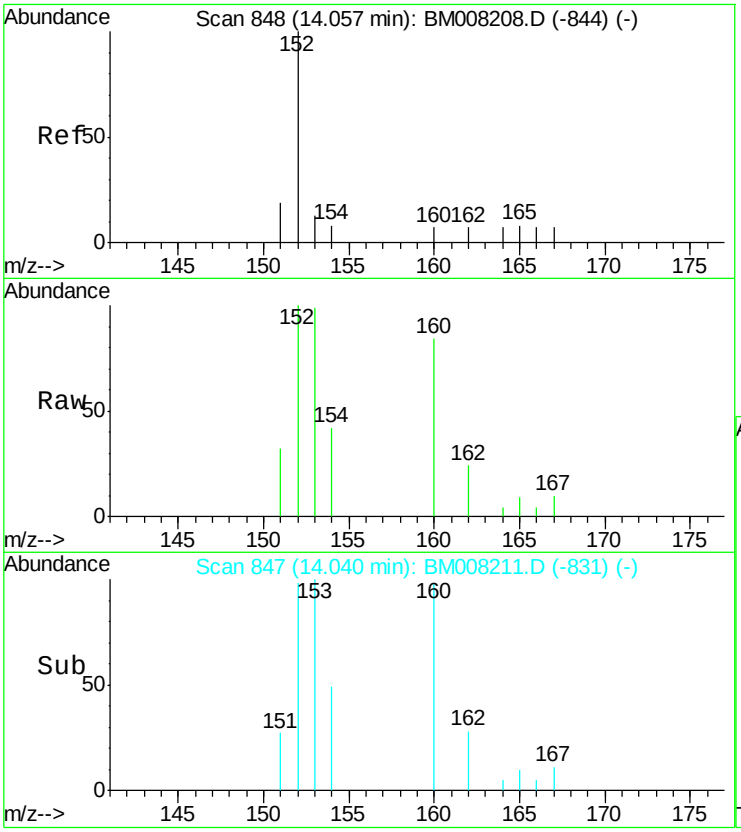


#5
2-Methylnaphthalene
Concen: 84.27 ng/ul
RT: 12.13 min Scan# 665
Delta R.T. -0.03 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:142 Resp: 286061

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8



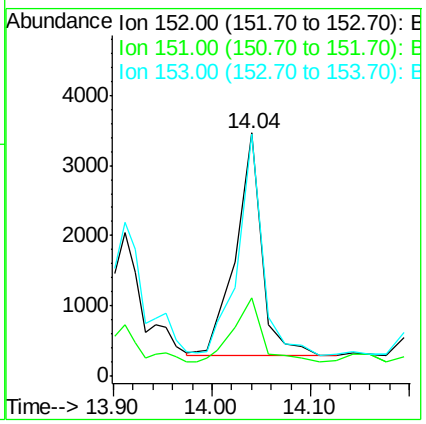


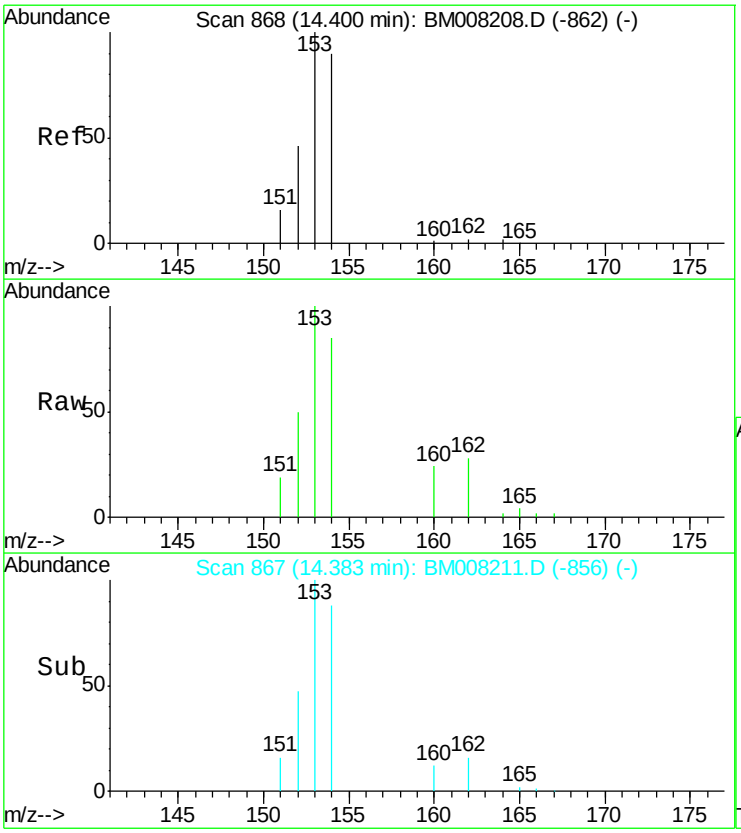
#7
Acenaphthylene
Concen: 0.59 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Instrument :
BNA_M
ClientSampleId :
DA7Y3

Tgt Ion:152 Resp: 5295

Ion	Ratio	Lower	Upper
152	100		
151	32.2	17.1	25.7#
153	99.5	12.8	19.2#

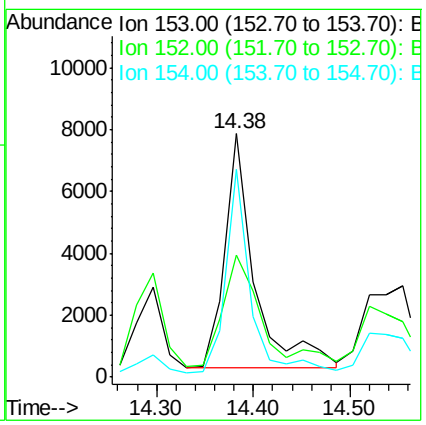


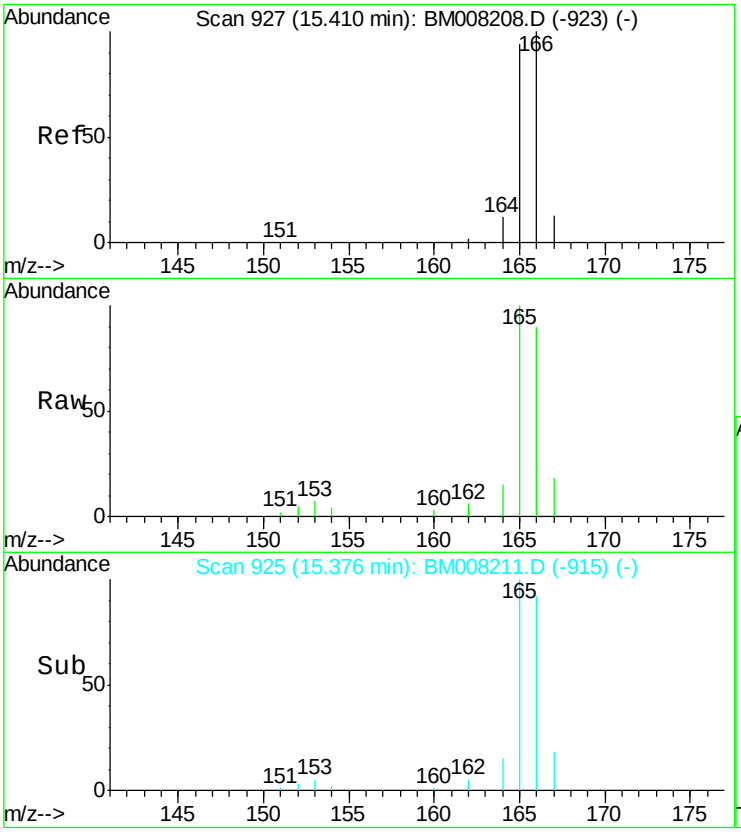


#8
Acenaphthene
Concen: 2.38 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:153 Resp: 16194

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.3	60.5
154	85.2	71.4	107.2



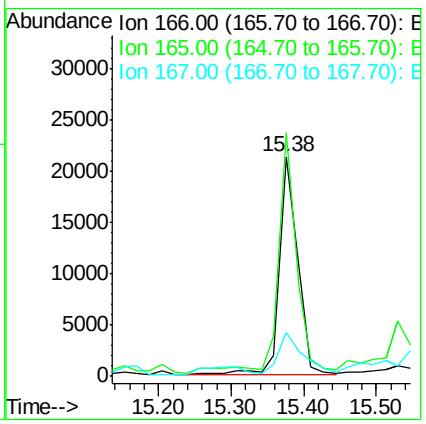


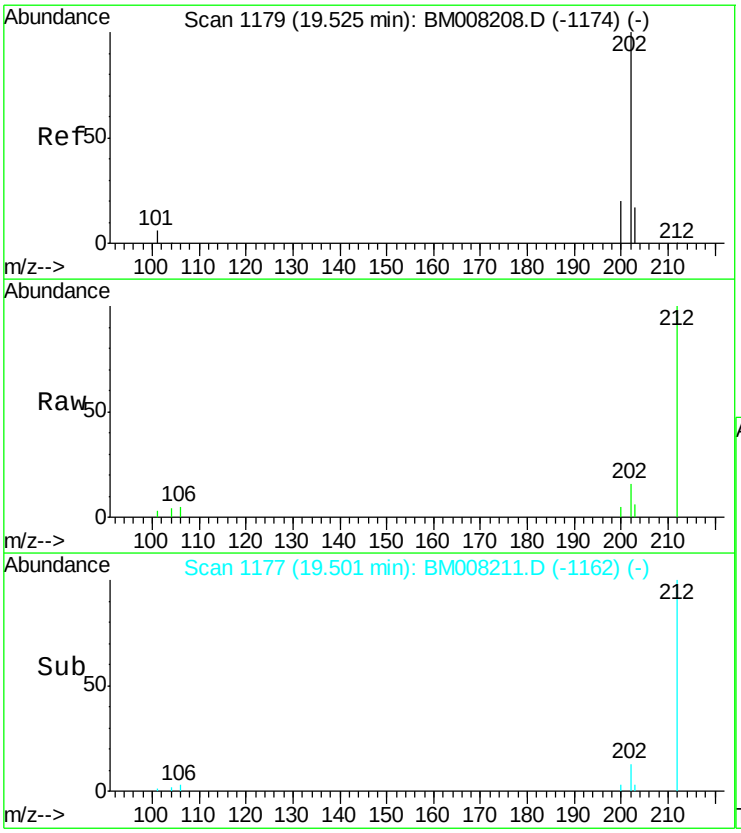
#9
Fluorene
Concen: 4.71 ng/ul
RT: 15.38 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Instrument :
BNA_M
ClientSampleId :
DA7Y3

Tgt Ion:166 Resp: 36844

Ion	Ratio	Lower	Upper
166	100		
165	110.7	73.4	110.2#
167	20.3	14.6	22.0

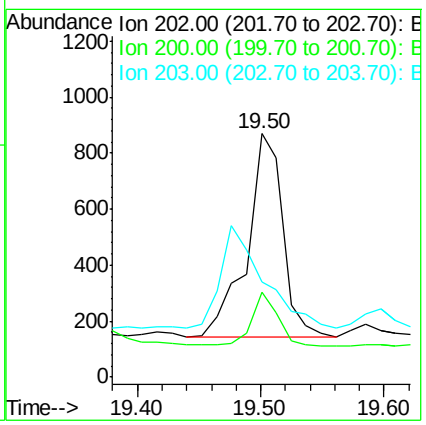


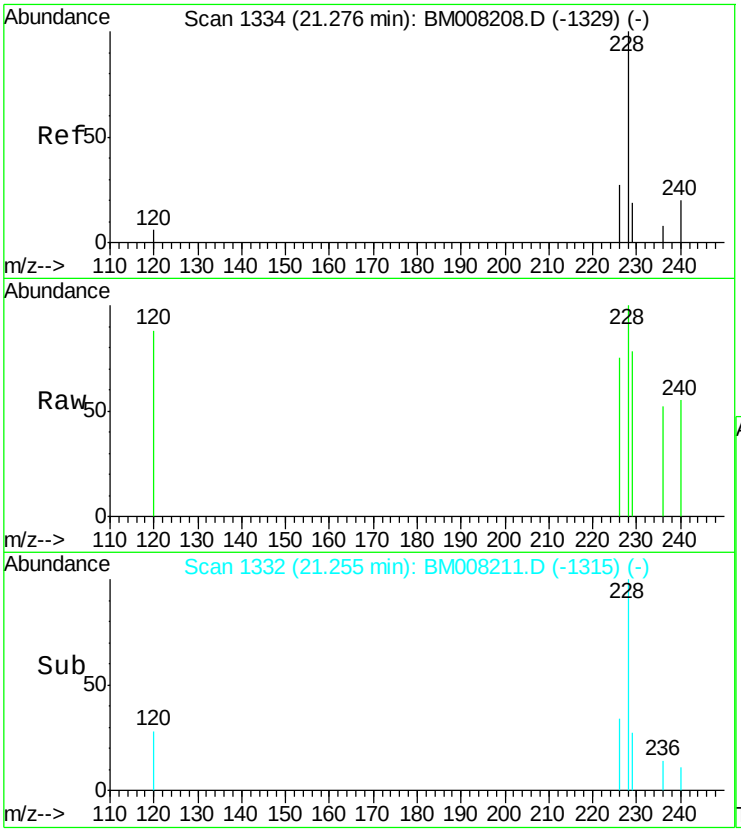


#17
Pyrene
Concen: 0.28 ng/ul
RT: 19.50 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:202 Resp: 1472

Ion	Ratio	Lower	Upper
202	100		
200	34.8	18.2	27.4#
203	39.2	15.6	23.4#



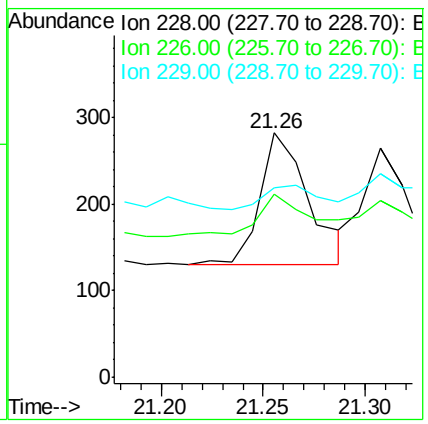


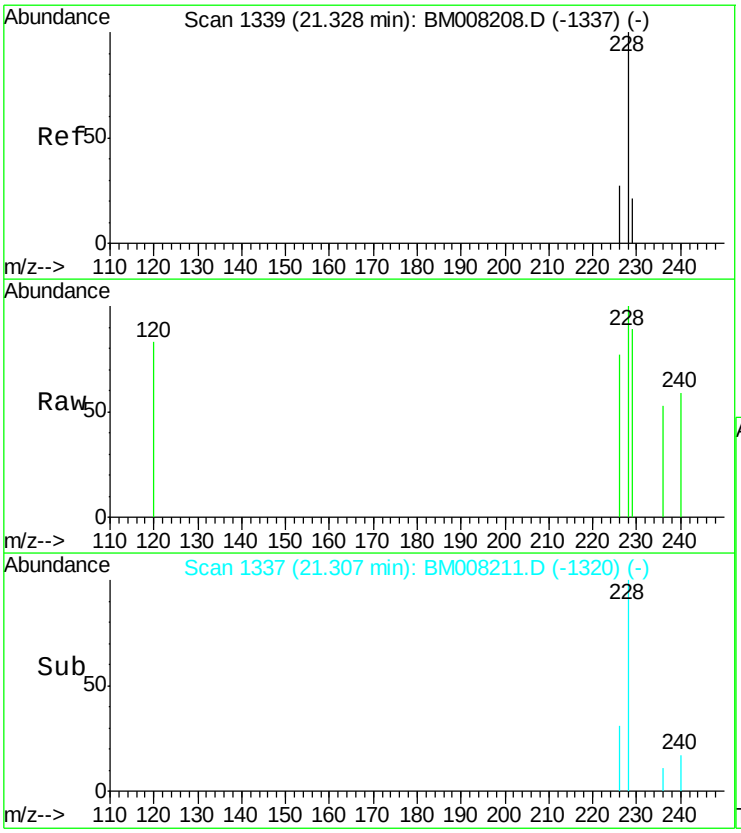
#18
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.26 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Instrument :
BNA_M
ClientSampleId :
DA7Y3

Tgt Ion:228 Resp: 252

Ion	Ratio	Lower	Upper
228	100		
226	74.8	22.8	34.2#
229	77.7	17.0	25.6#

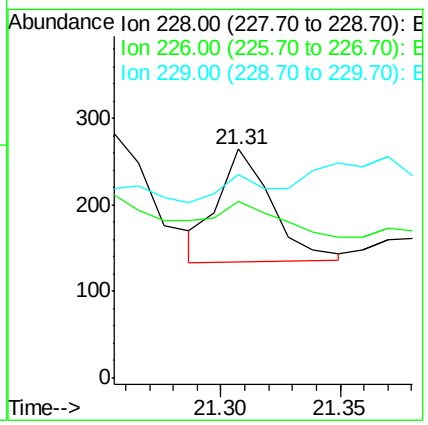


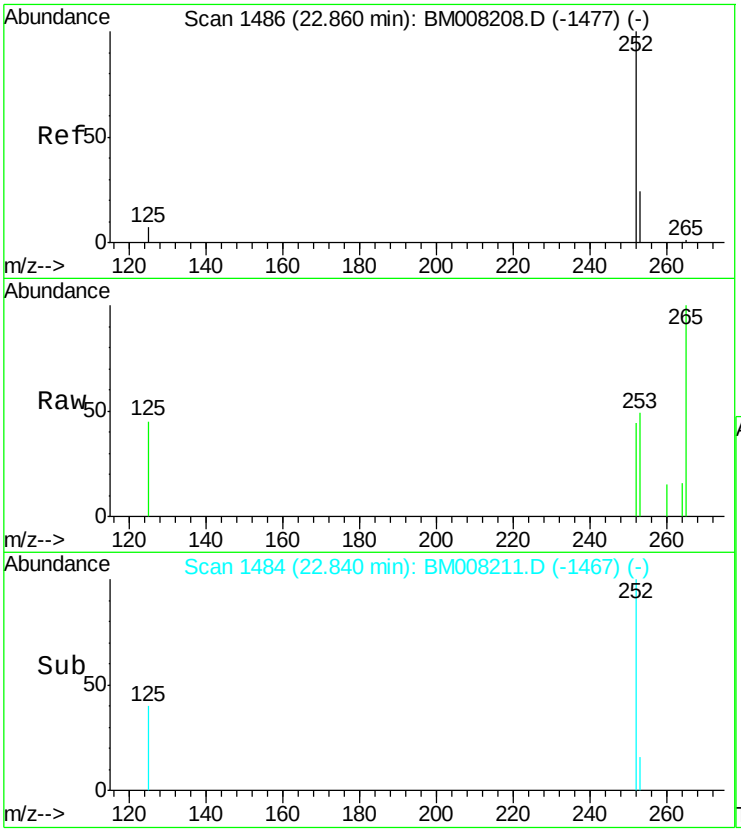


#19
Chrysene
Concen: 0.03 ng/ul
RT: 21.31 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:228 Resp: 201

Ion	Ratio	Lower	Upper
228	100		
226	77.3	23.4	35.0#
229	89.0	17.7	26.5#



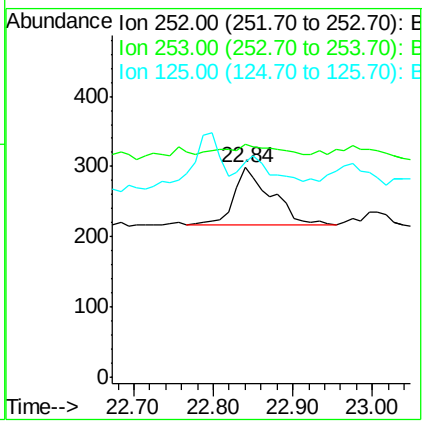


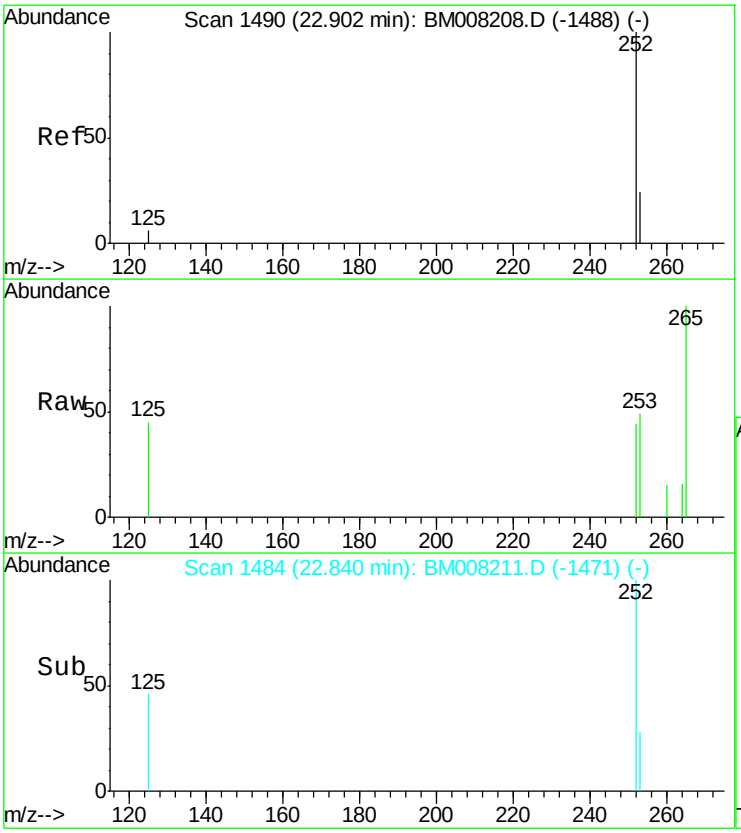
#21
Benzo(b)fluoranthene
Concen: 0.04 ng/ul
RT: 22.84 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Instrument :
BNA_M
ClientSampleId :
DA7Y3

Tgt Ion:252 Resp: 263

Ion	Ratio	Lower	Upper
252	100		
253	111.4	0.0	64.2#
125	102.7	0.0	35.0#

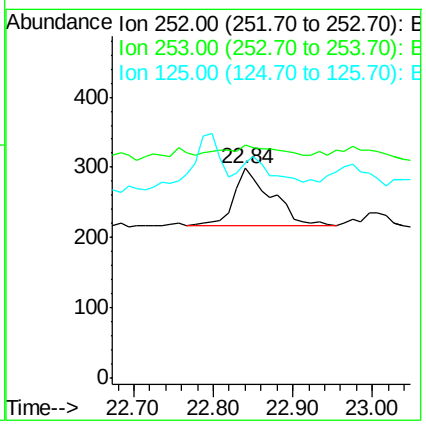


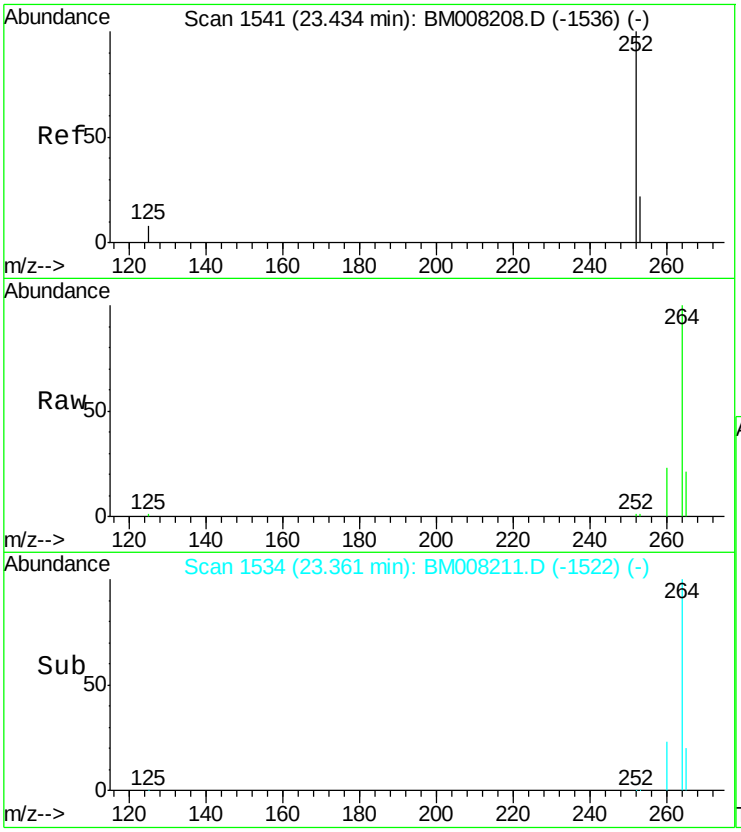


#22
Benzo(k)fluoranthene
Concen: 0.04 ng/ul
RT: 22.84 min Scan# 1484
Delta R.T. -0.06 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Tgt Ion:252 Resp: 274

Ion	Ratio	Lower	Upper
252	100		
253	111.4	24.5	36.7#
125	102.7	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 23.36 min Scan# 1534
Delta R.T. -0.07 min
Lab File: BM008211.D
Acq: 09 Dec 2016 18:40

Instrument :
BNA_M
ClientSampleId :
DA7Y3

Tgt Ion:252 Resp: 577

Ion	Ratio	Lower	Upper
252	100		
253	85.7	28.5	42.7#
125	87.7	18.1	27.1#