Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043016\
Data File : BM005166.D
Acq On : 30 Apr 2016 09:40
Operator : UM/SJ
Sample : H2729-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3C9

Quant Time: Apr 30 11:50:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	38433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	181171	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	113291	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	263229	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	295936	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	255605	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	2914	3.85	ng/uL	0.00
5) Phenol-d5	6.96	99	61326	19.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	38603	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	49556	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	48886	18.14	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	23790	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	24700	17.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	50704	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	67367	21.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	175156	19.58	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	214172	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	17826	11.40	ng/ul	0.00
57) Fluorene-d10	15.42	176	158212	20.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	14849	9.92	ng/ul	0.00
70) Anthracene-d10	17.27	188	246090	20.85	ng/ul	0.00
76) Pyrene-d10	19.57	212	283104	21.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	234343	20.46	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.88	163	44122	4.92	ng/ul	99
74) Fluoranthene	19.23	202	33443	2.17	ng/ul	100
77) Pyrene	19.60	202	29743	1.74	ng/ul	99
80) Benzo(a)anthracene	21.35	228	19670	1.16	ng/ul	99
82) Chrysene	21.40	228	17202	1.06	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	19714	1.28	ng/ul#	96
88) Benzo(a)pyrene	23.54	252	15578	1.08	ng/ul#	96

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

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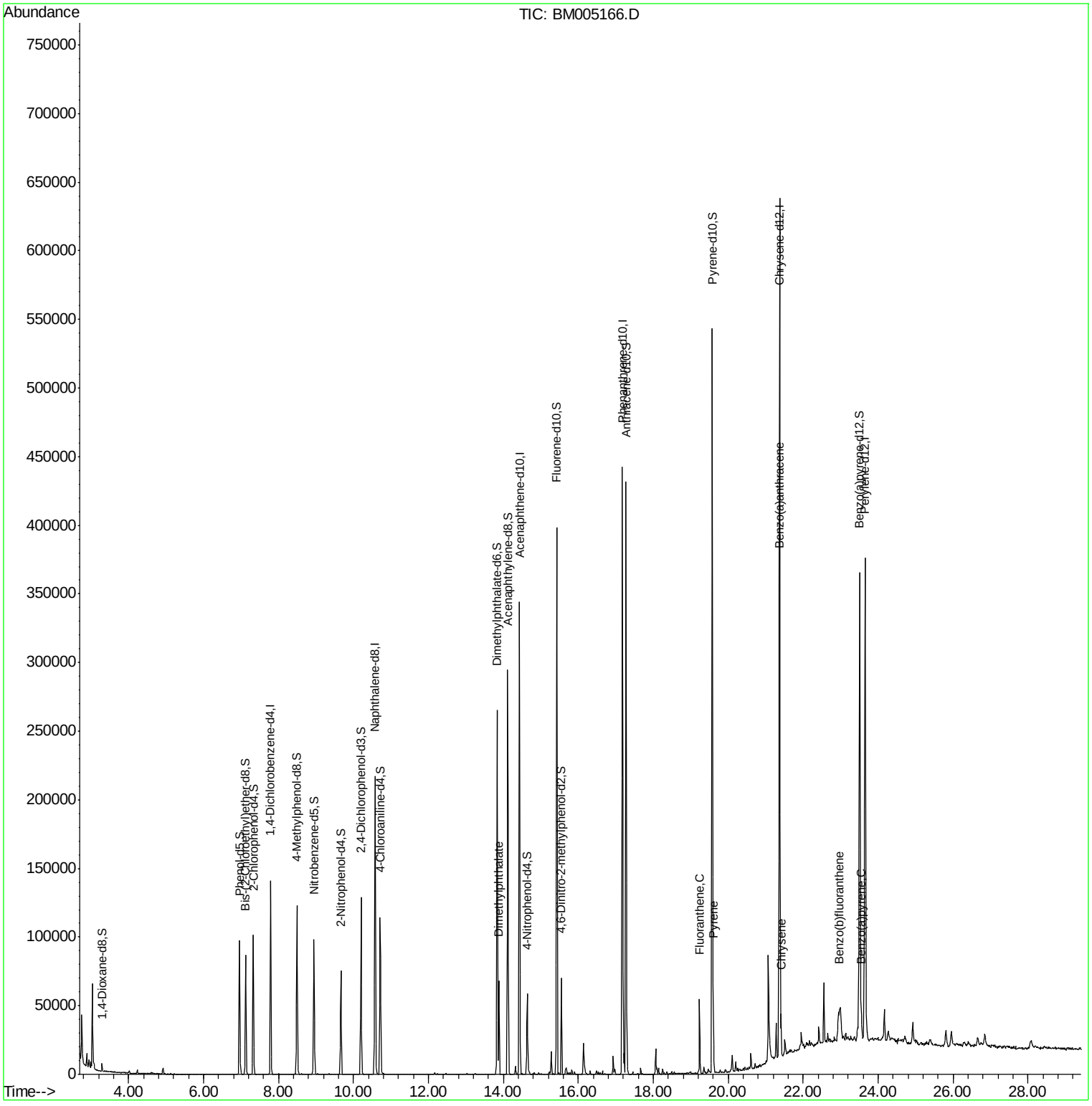
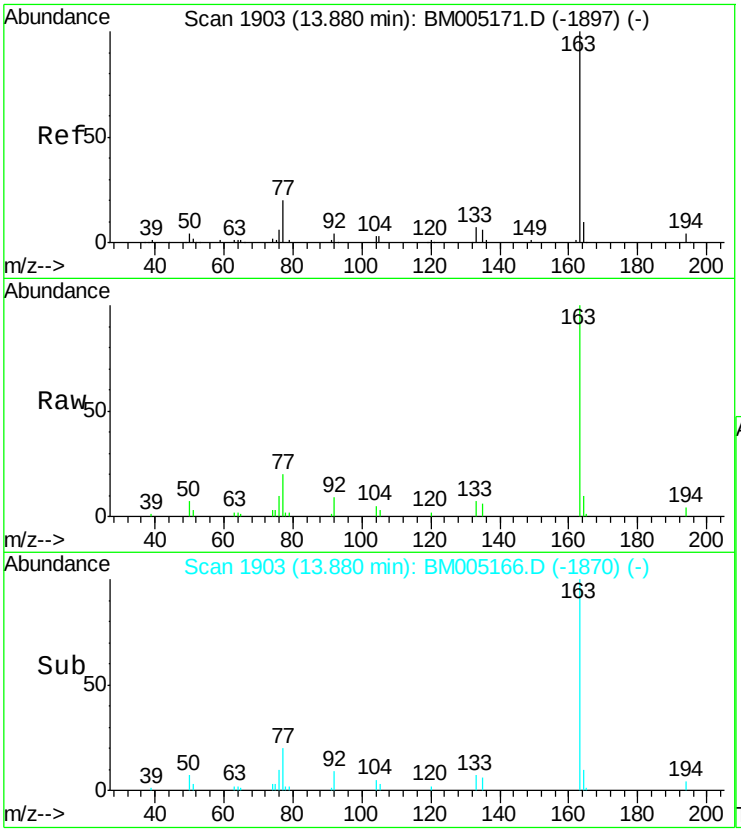


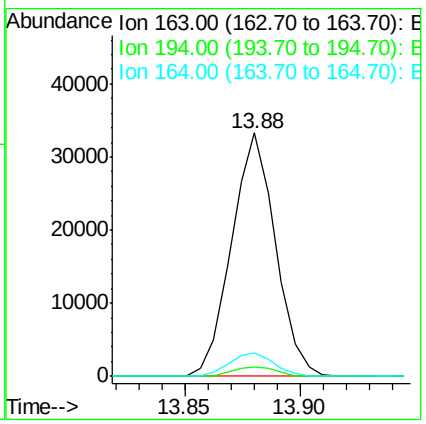


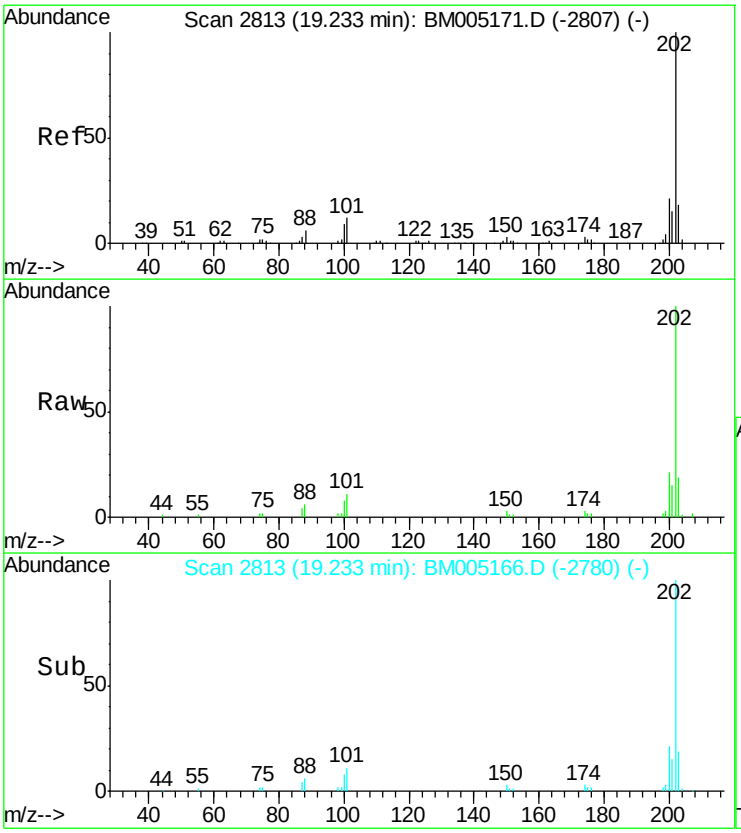
#44
Dimethylphthalate
Concen: 4.92 ng/ul
RT: 13.88 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM005166.D
Acq: 30 Apr 2016 09:40

Instrument :
BNA_M
ClientSampleId :
BD3C9

Tgt Ion:163 Resp: 44122

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.6	8.2	12.2

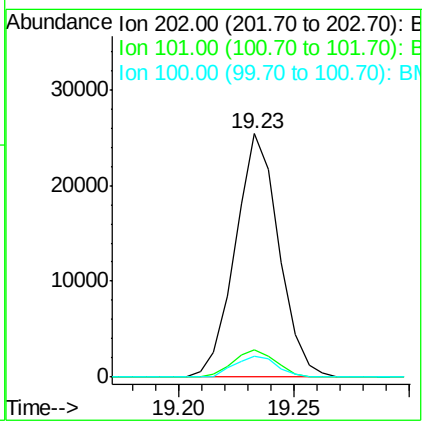


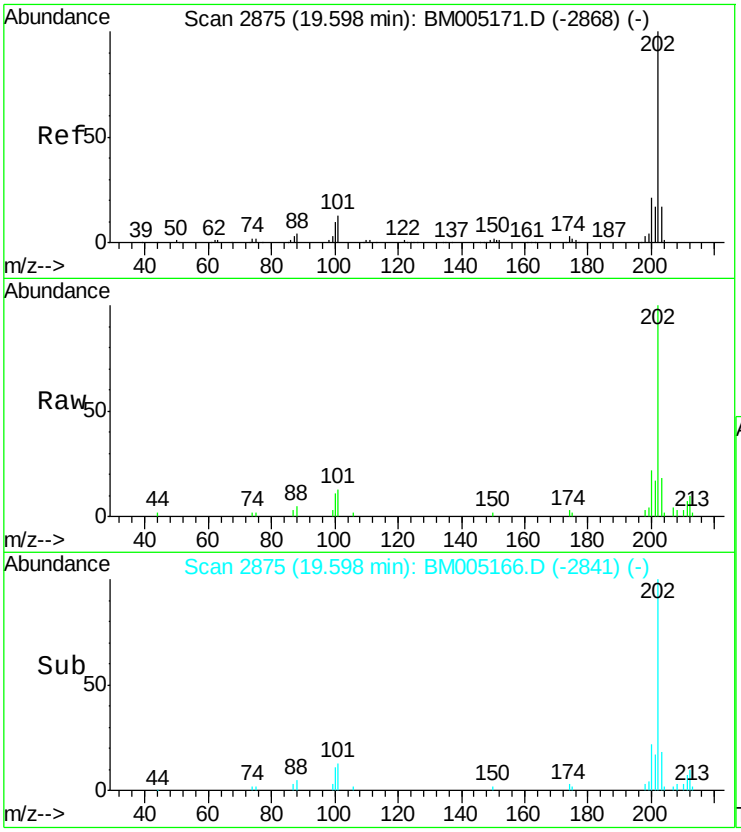


#74
Fluoranthene
Concen: 2.17 ng/ul
RT: 19.23 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM005166.D
Acq: 30 Apr 2016 09:40

Tgt Ion:202 Resp: 33443

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
100	8.5	6.6	10.0



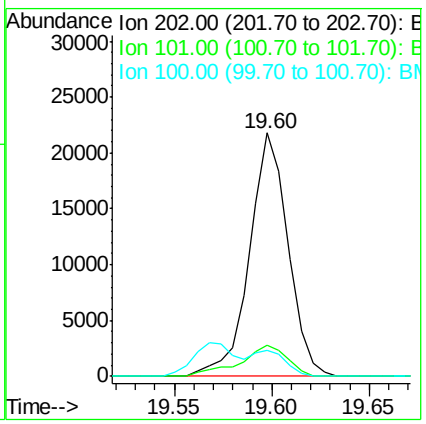


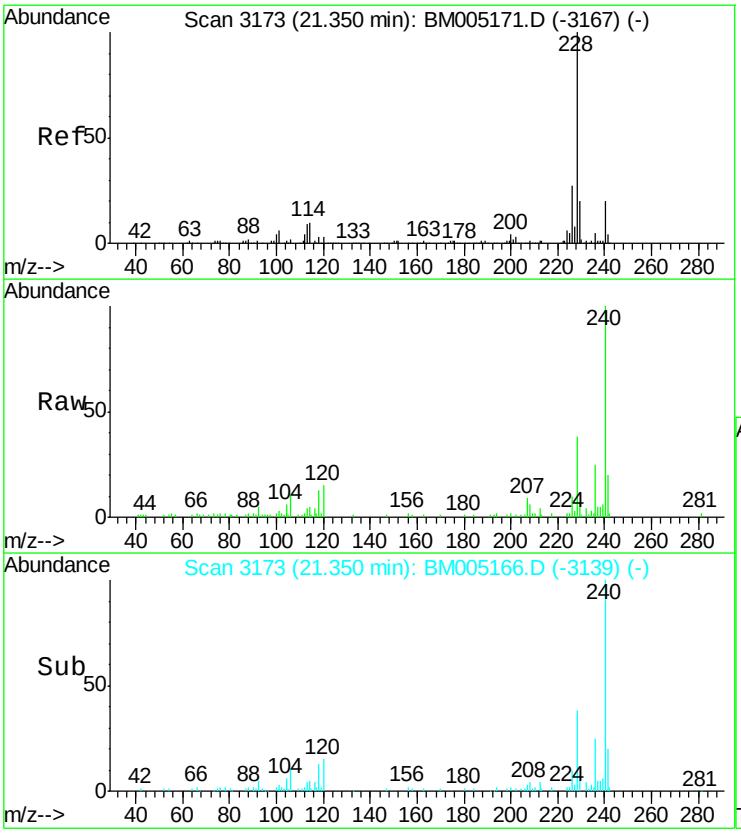
#77
Pyrene
Concen: 1.74 ng/ul
RT: 19.60 min Scan# 2875
Delta R.T. 0.00 min
Lab File: BM005166.D
Acq: 30 Apr 2016 09:40

Instrument :
BNA_M
ClientSampleId :
BD3C9

Tgt Ion:202 Resp: 29743

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.5	15.7
100	10.8	8.2	12.2

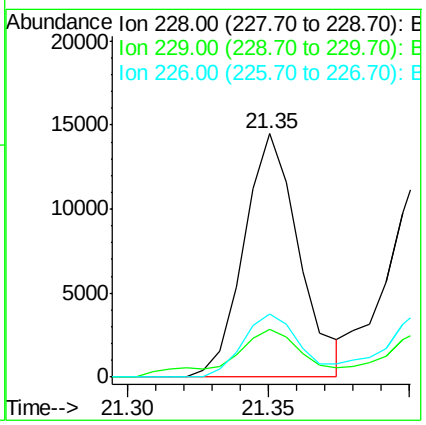


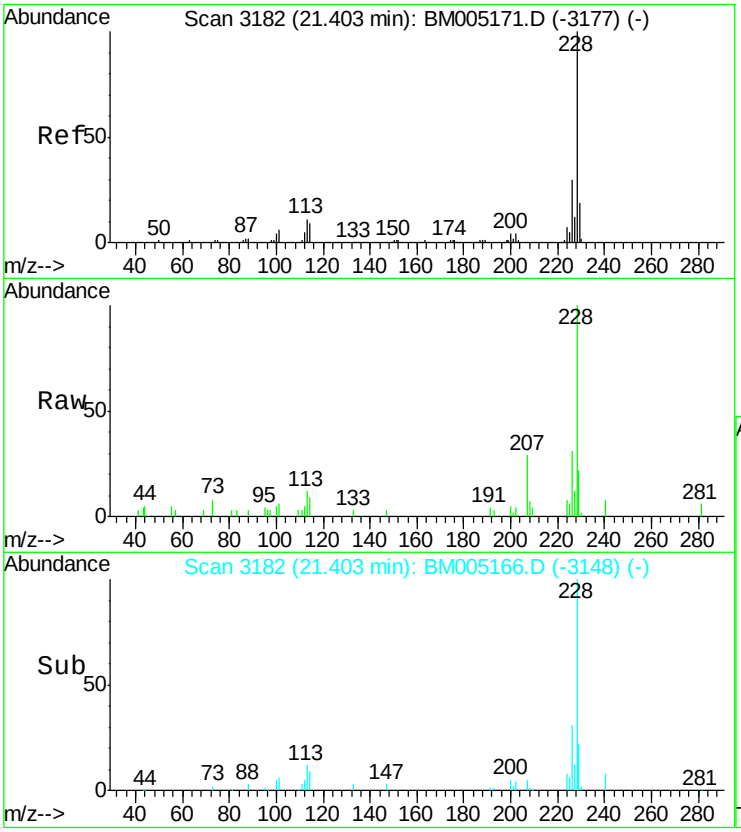


#80
Benzo(a)anthracene
Concen: 1.16 ng/ul
RT: 21.35 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM005166.D
Acq: 30 Apr 2016 09:40

Tgt Ion:228 Resp: 19670

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	26.1	21.5	32.3



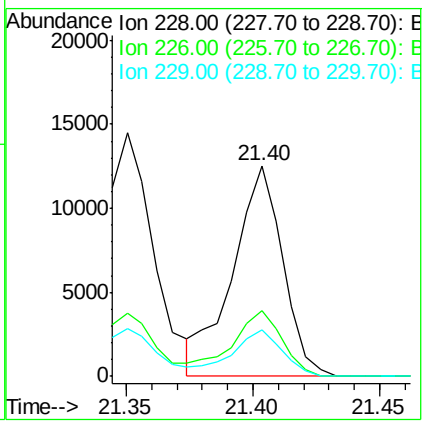


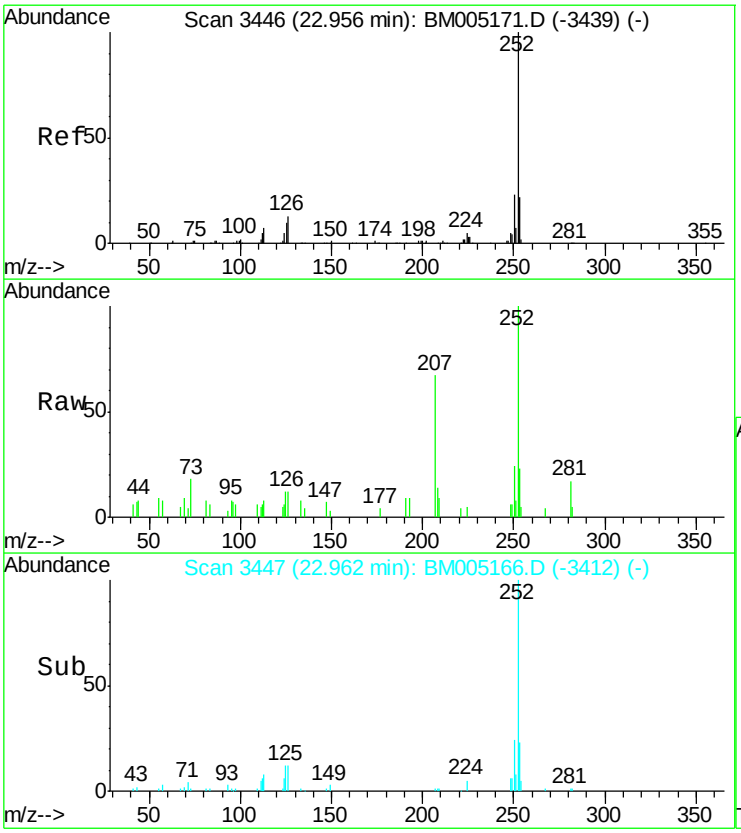
#82
Chrysene
Concen: 1.06 ng/ul
RT: 21.40 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BM005166.D
Acq: 30 Apr 2016 09:40

Instrument :
BNA_M
ClientSampleId :
BD3C9

Tgt Ion:228 Resp: 17202

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	21.9	15.5	23.3

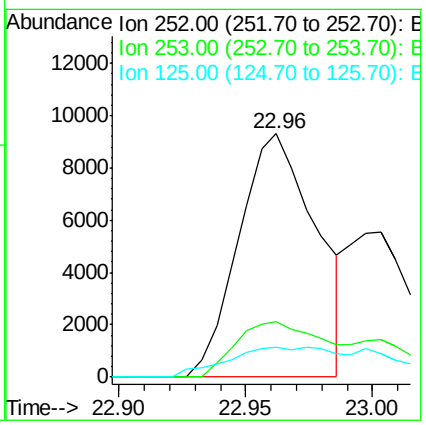


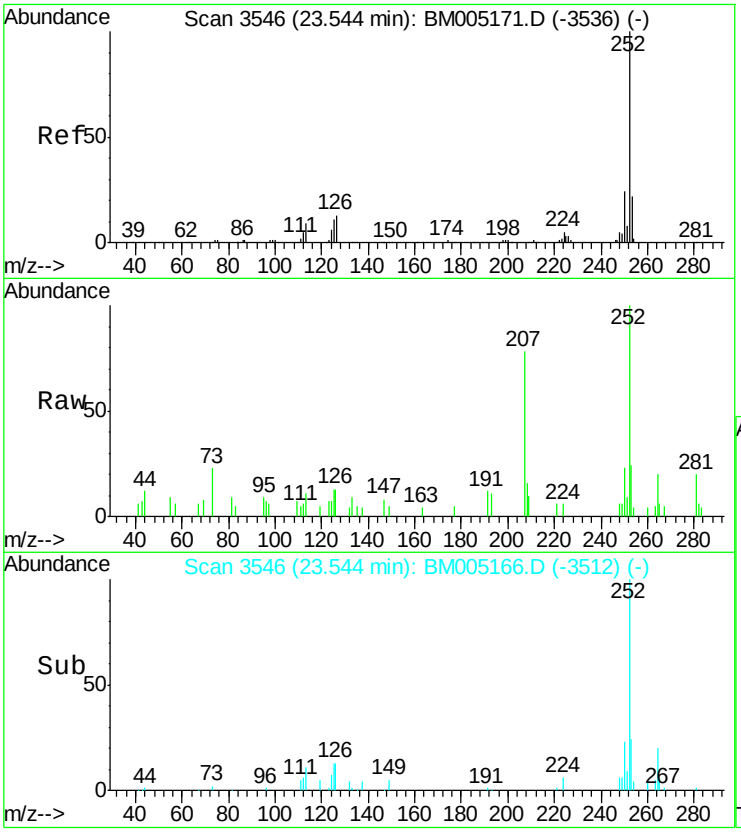


#85
Benzo(b)fluoranthene
Concen: 1.28 ng/ul
RT: 22.96 min Scan# 3447
Delta R.T. 0.01 min
Lab File: BM005166.D
Acq: 30 Apr 2016 09:40

Tgt Ion:252 Resp: 19714

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	12.5	7.8	11.6#





#88
Benzo(a)pyrene
Concen: 1.08 ng/ul
RT: 23.54 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BM005166.D
Acq: 30 Apr 2016 09:40

Instrument :
BNA_M
ClientSampleId :
BD3C9

Tgt Ion:252 Resp: 15578

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	12.6	8.3	12.5#