Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022616\
Data File : BM004446.D
Acq On : 27 Feb 2016 03:16
Operator : SJ/UM
Sample : H1564-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9R41

Quant Time: Feb 27 04:34:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 27 00:43:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	28863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	119051	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	62503	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	128850	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	142660	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	143698	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	2039	3.72	ng/uL	0.00
5) Phenol-d5	6.80	99	40257	16.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	21385	17.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	38075	18.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	30911	14.29	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	17618	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	19411	18.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	32187	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	44712	19.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	100834	18.81	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	125552	20.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	9829	11.41	ng/ul	0.01
58) Fluorene-d10	15.27	176	86569	18.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	6532	8.25	ng/ul	0.00
71) Anthracene-d10	17.13	188	128016	20.28	ng/ul	0.00
79) Pyrene-d10	19.44	212	144670	20.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	157419	20.88	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.73	163	33762	6.04	ng/ul	99
77) Fluoranthene	19.10	202	27269	3.11	ng/ul	99
80) Pyrene	19.47	202	23615	2.53	ng/ul	99
83) Benzo(a)anthracene	21.23	228	17943	1.95	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.15	149	12926	2.13	ng/ul#	97
85) Chrysene	21.28	228	17165	1.94	ng/ul	95
88) Benzo(b)fluoranthene	22.80	252	25839	2.66	ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	25839	2.82	ng/ul	98
91) Benzo(a)pyrene	23.37	252	19329	2.14	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.70	276	13883	1.65	ng/ul	97
94) Benzo(g,h,i)perylene	26.39	276	11865	1.71	ng/ul	99

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

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Misc :
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Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
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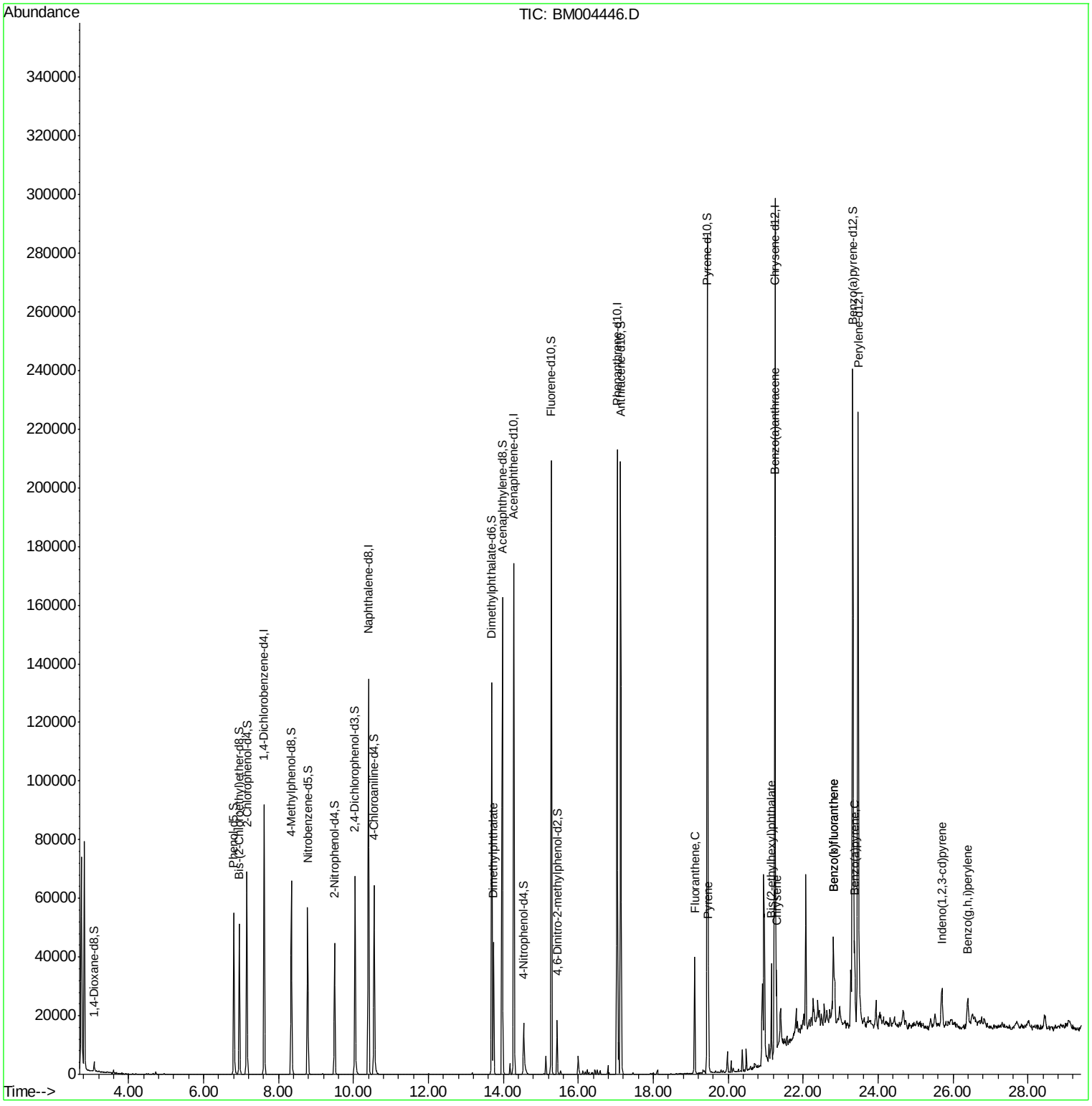
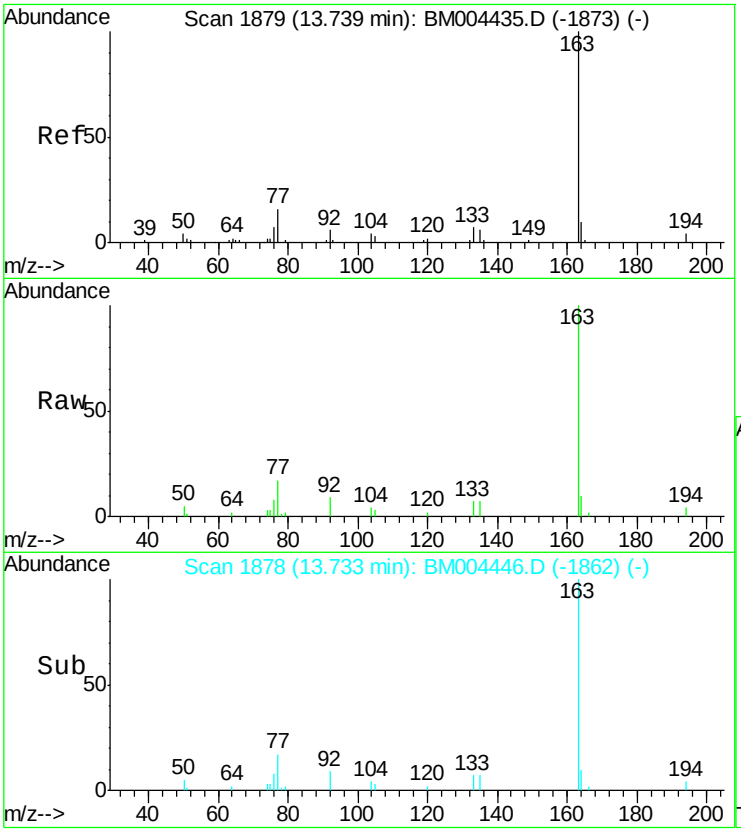


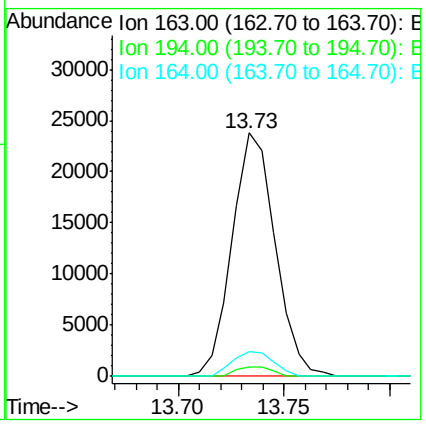


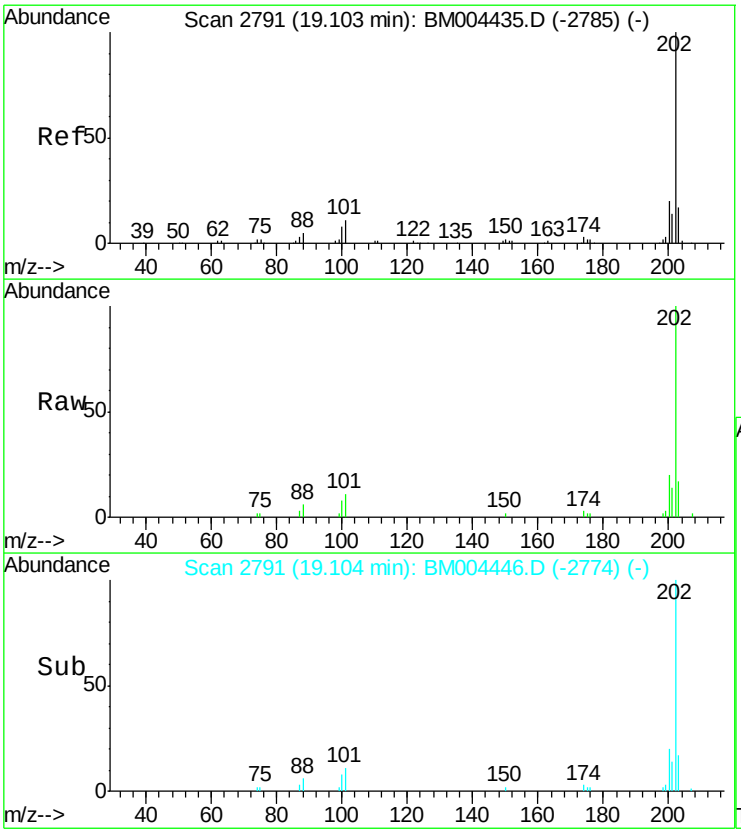
#45
Dimethylphthalate
Concen: 6.04 ng/ul
RT: 13.73 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Instrument :
BNA_M
ClientSampleId :
D9R41

Tgt Ion:163 Resp: 33762

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.1	7.8	11.8

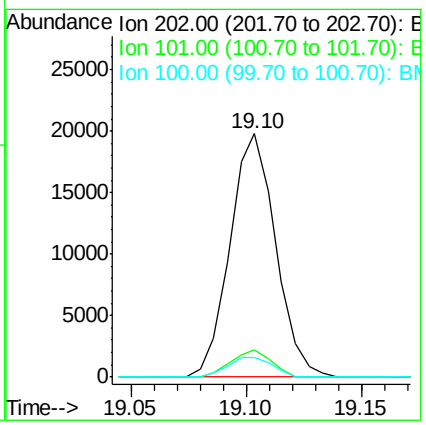


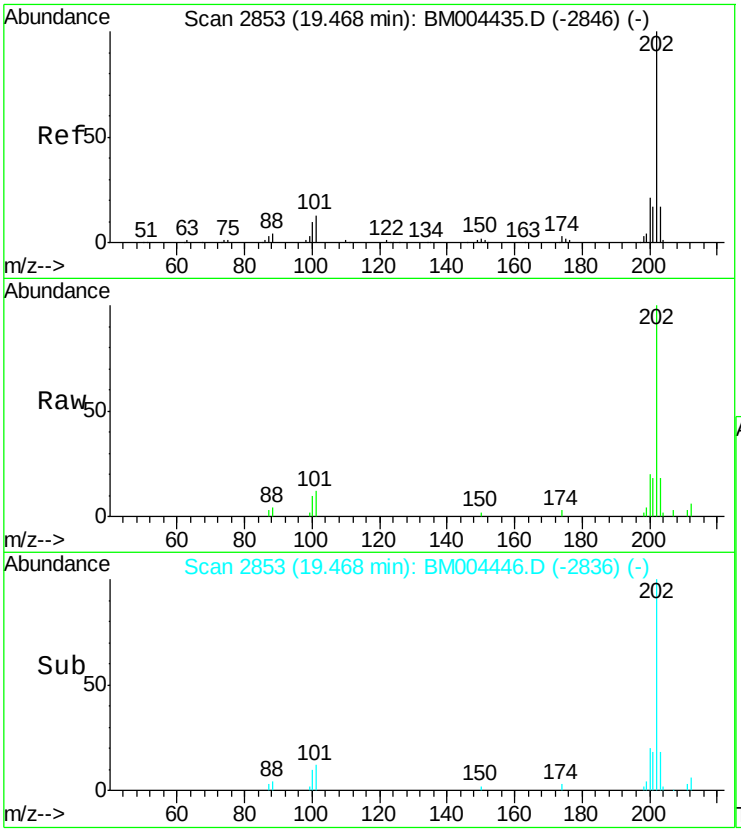


#77
Fluoranthene
Concen: 3.11 ng/ul
RT: 19.10 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Tgt Ion:202 Resp: 27269

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.1	6.6	9.8



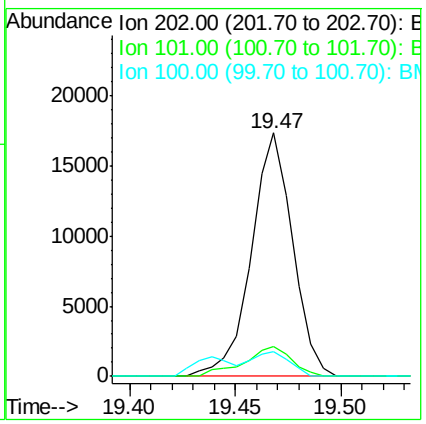


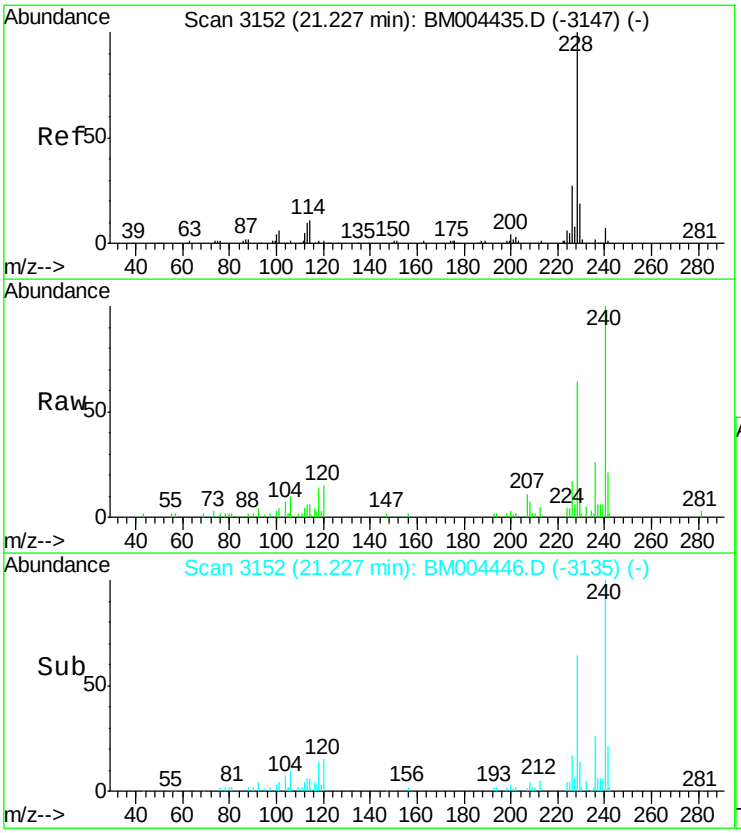
#80
Pyrene
Concen: 2.53 ng/ul
RT: 19.47 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Instrument :
BNA_M
ClientSampleId :
D9R41

Tgt Ion:202 Resp: 23615

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.2	15.2
100	10.1	8.5	12.7

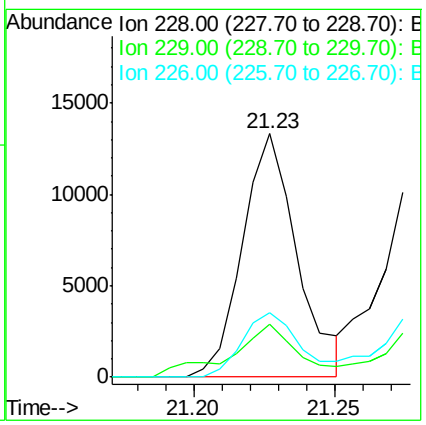


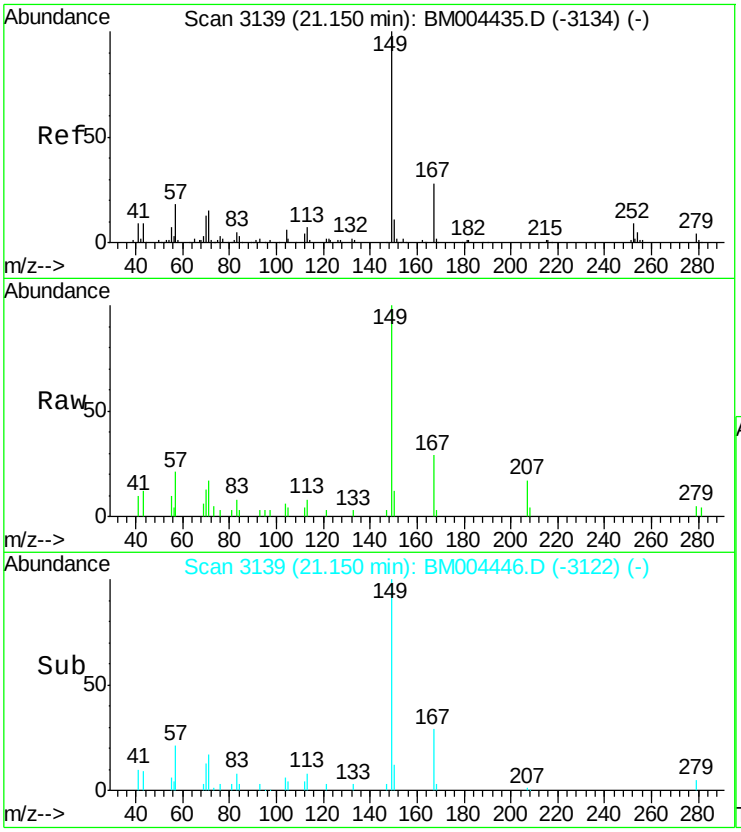


#83
Benzo(a)anthracene
Concen: 1.95 ng/ul
RT: 21.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Tgt Ion:228 Resp: 17943

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	26.7	21.8	32.6



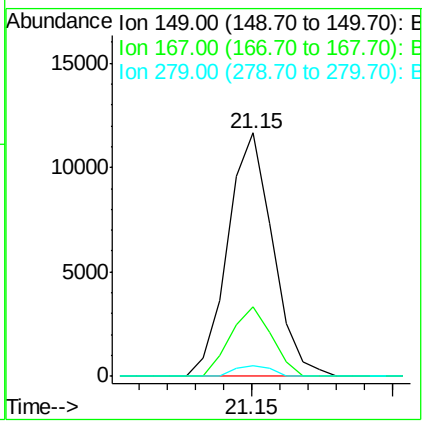


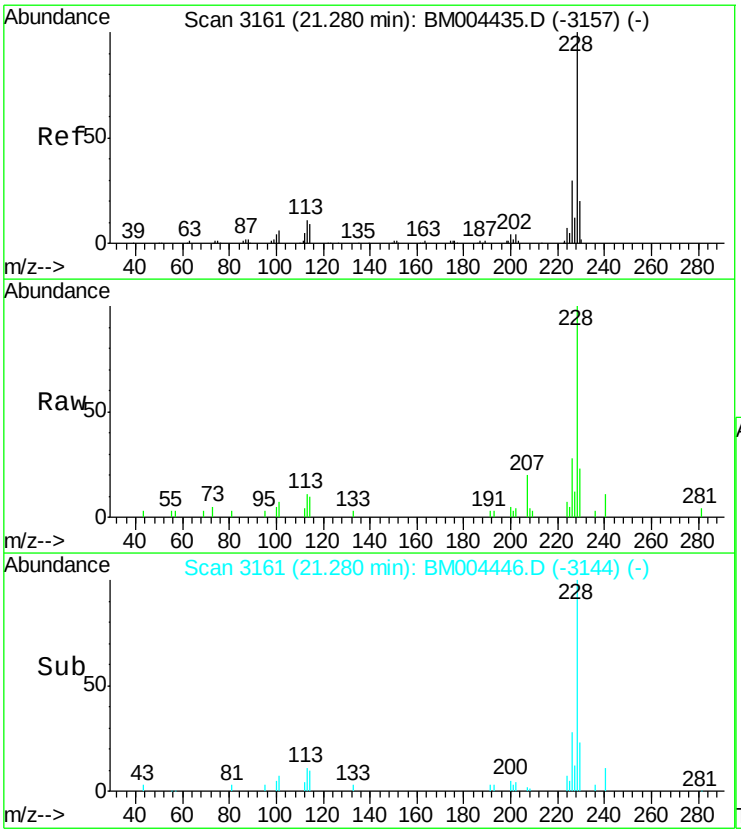
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.13 ng/ul
RT: 21.15 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Instrument :
BNA_M
ClientSampleId :
D9R41

Tgt Ion:149 Resp: 12926

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.6	32.4
279	4.6	3.0	4.4#

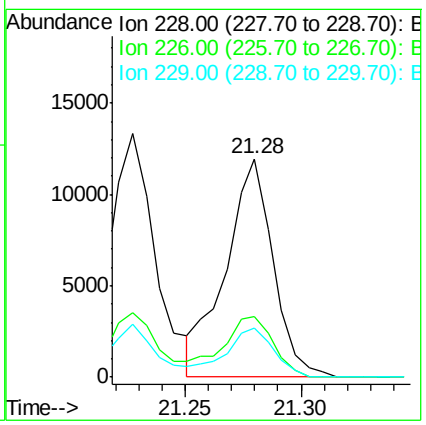


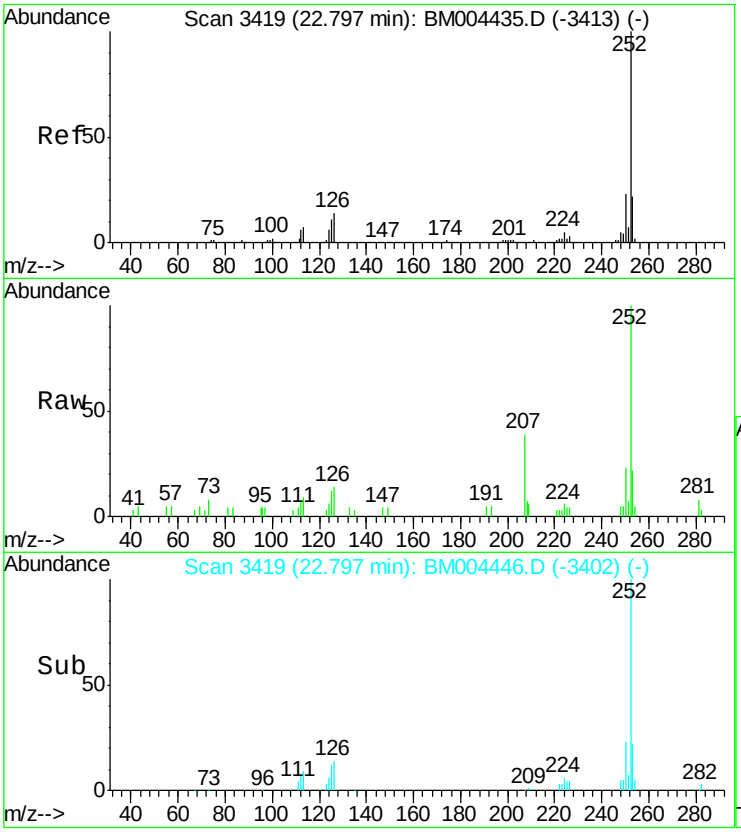


#85
Chrysene
Concen: 1.94 ng/ul
RT: 21.28 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Tgt Ion:228 Resp: 17165

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	22.6	15.6	23.4



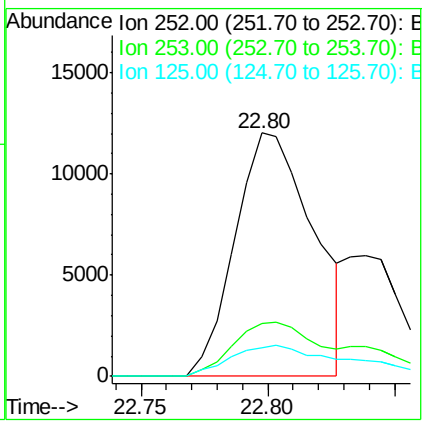


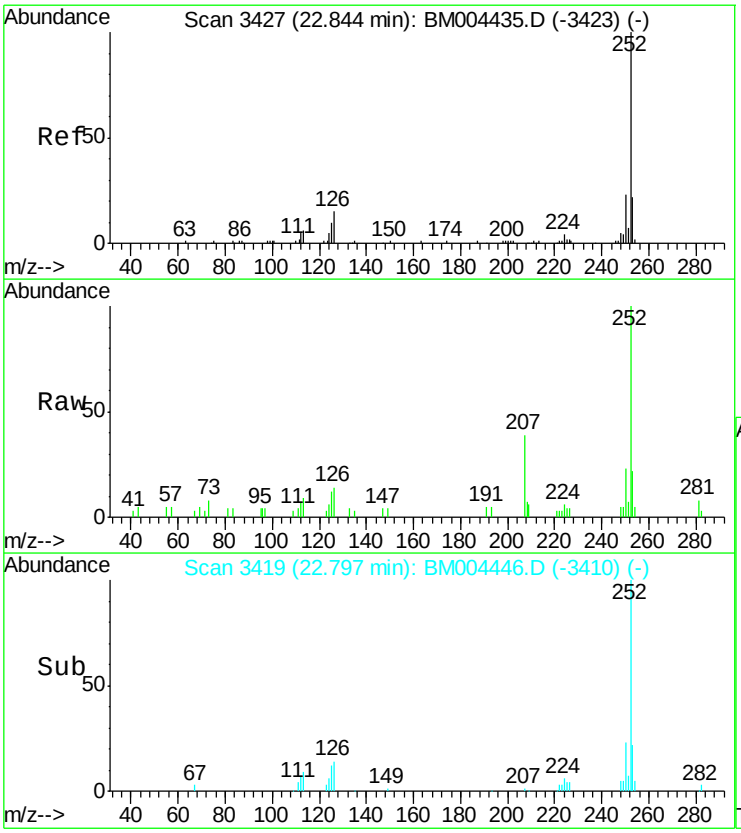
#88
Benzo(b)fluoranthene
Concen: 2.66 ng/ul
RT: 22.80 min Scan# 3419
Delta R.T. 0.00 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Instrument :
BNA_M
ClientSampleId :
D9R41

Tgt Ion:252 Resp: 25839

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.6	8.5	12.7

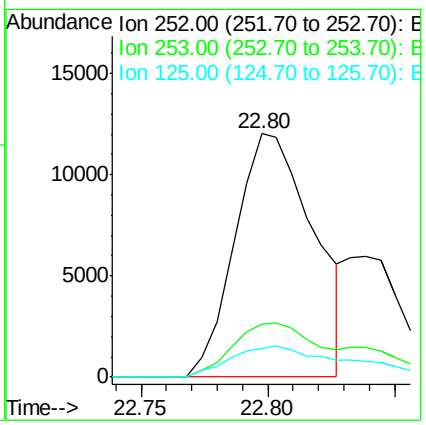


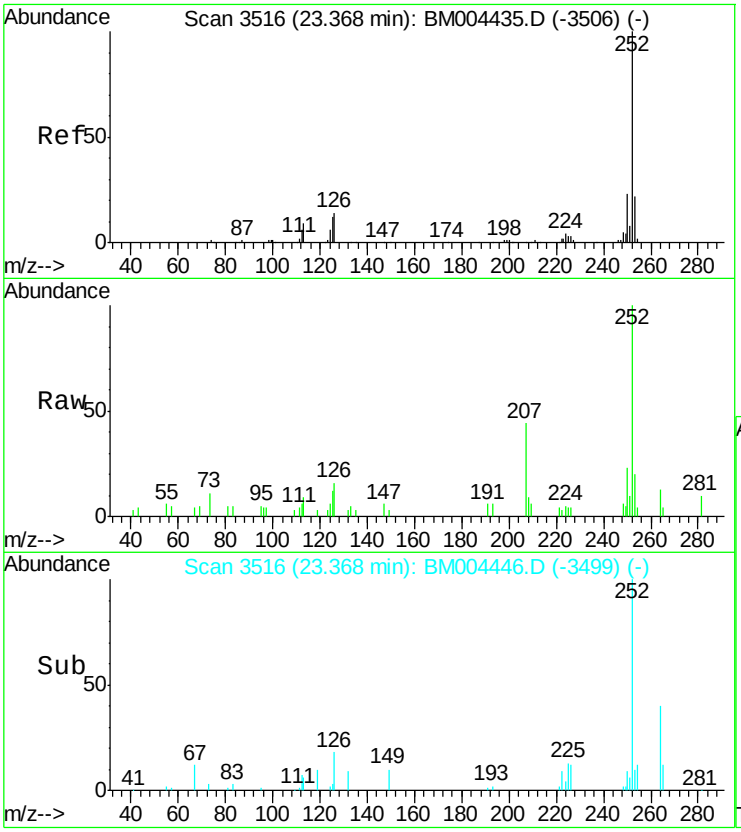


#89
Benzo(k)fluoranthene
Concen: 2.82 ng/ul
RT: 22.80 min Scan# 3419
Delta R.T. -0.05 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Tgt Ion:252 Resp: 25839

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.6	8.2	12.2



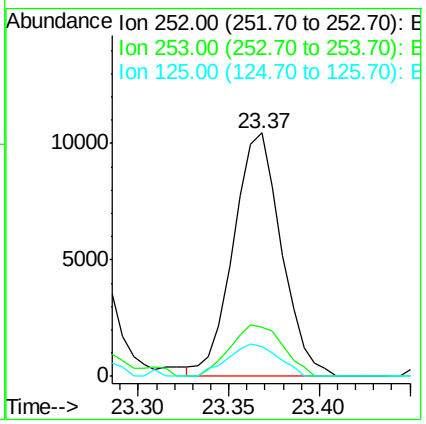


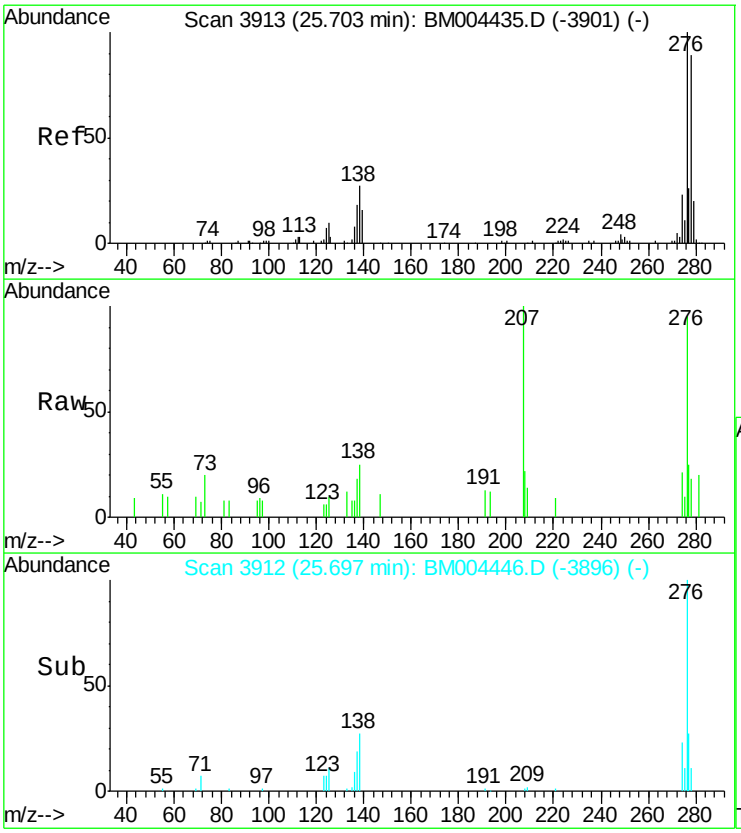
#91
Benzo(a)pyrene
Concen: 2.14 ng/ul
RT: 23.37 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Instrument :
BNA_M
ClientSampleId :
D9R41

Tgt Ion:252 Resp: 19329

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.2	25.8
125	12.5	9.0	13.6

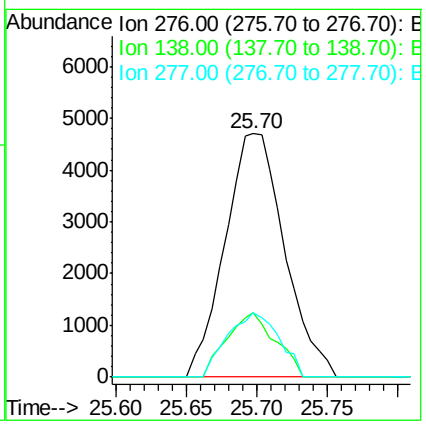


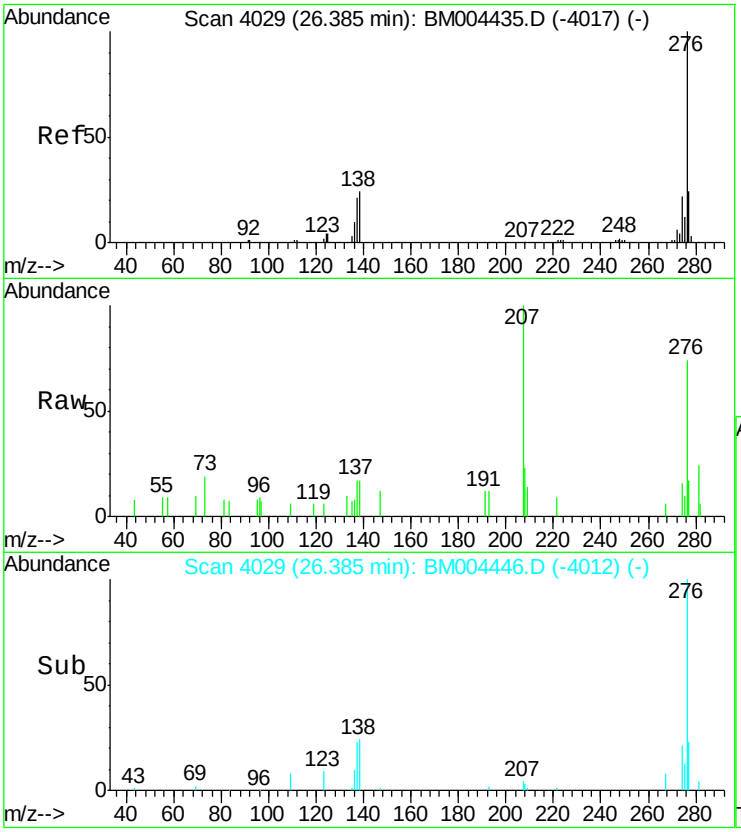


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.65 ng/ul
RT: 25.70 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Tgt Ion:276 Resp: 13883

Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.3	33.5
277	26.5	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 1.71 ng/ul
RT: 26.39 min Scan# 4029
Delta R.T. 0.00 min
Lab File: BM004446.D
Acq: 27 Feb 2016 03:16

Instrument :
BNA_M
ClientSampleId :
D9R41

Tgt Ion:276 Resp: 11865

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.9	28.3
277	23.3	19.2	28.8