Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050616\
Data File : BM005287.D
Acq On : 07 May 2016 01:34
Operator : UM/SJ
Sample : H2820-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3A2

Quant Time: May 07 06:54:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 07 00:48:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	103350	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	503597	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	318541	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	747646	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	811674	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	730595	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	3905	1.78	ng/uL	0.00
5) Phenol-d5	6.95	99	106323	11.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	60518	11.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	82457	11.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	77637	10.02	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	39635	11.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	46319	11.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	91392	12.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	77802	8.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	324258	12.70	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	390714	13.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	39612	8.50	ng/ul	0.00
57) Fluorene-d10	15.41	176	296471	13.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	40590	9.65	ng/ul	0.00
70) Anthracene-d10	17.26	188	458107	13.86	ng/ul	0.00
76) Pyrene-d10	19.56	212	536985	14.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	443607	13.72	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.87	163	94324	3.70	ng/ul	100
69) Phenanthrene	17.20	178	92899	2.36	ng/ul	100
74) Fluoranthene	19.22	202	346217	7.95	ng/ul	98
77) Pyrene	19.59	202	311667	6.62	ng/ul	98
80) Benzo(a)anthracene	21.33	228	124513	2.67	ng/ul	95
82) Chrysene	21.39	228	138570	3.13	ng/ul	96
85) Benzo(b)fluoranthene	22.94	252	142178	3.33	ng/ul	95
86) Benzo(k)fluoranthene	22.94	252	142178	3.54	ng/ul	94
88) Benzo(a)pyrene	23.52	252	84710	2.10	ng/ul	97

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

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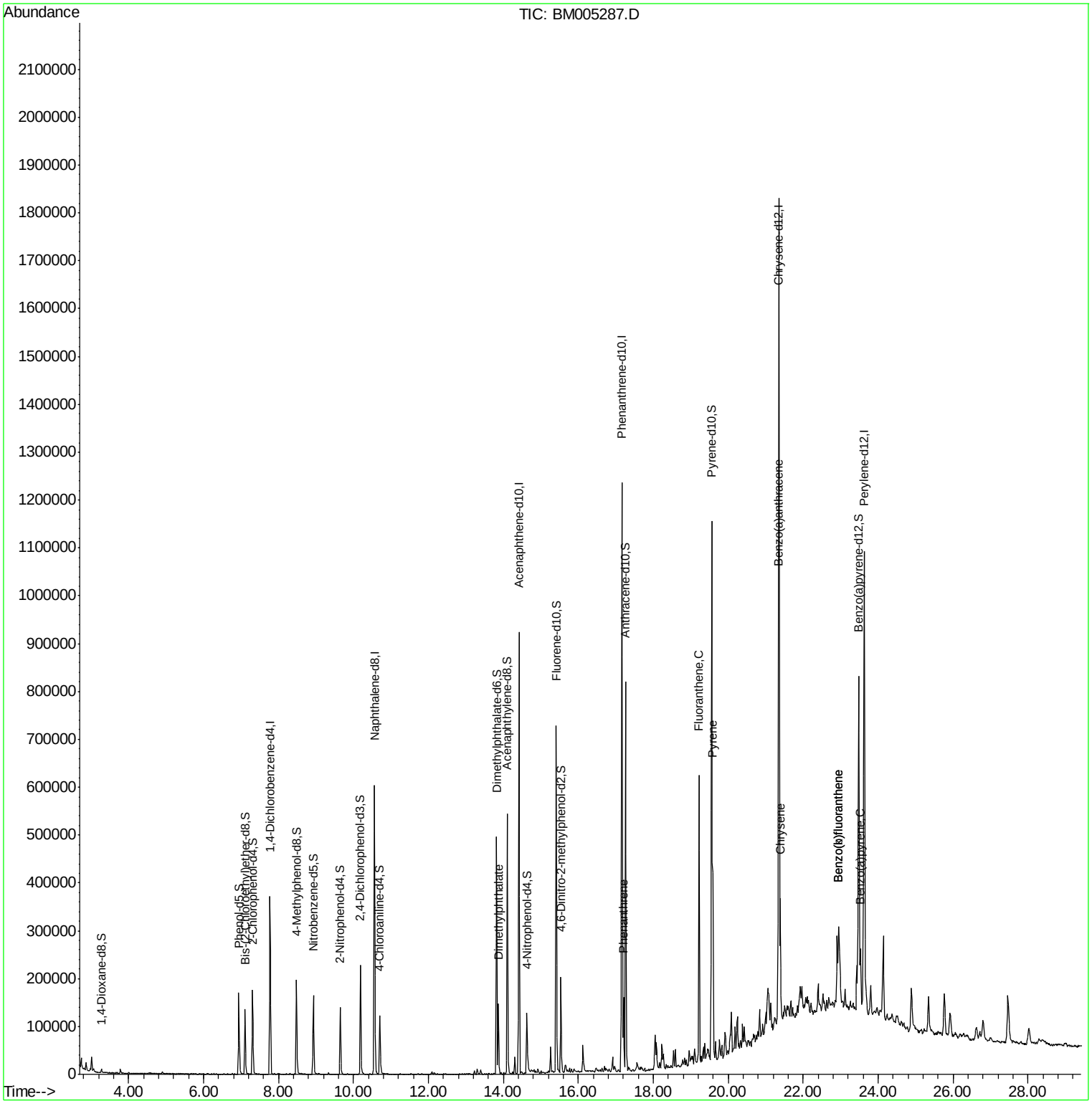
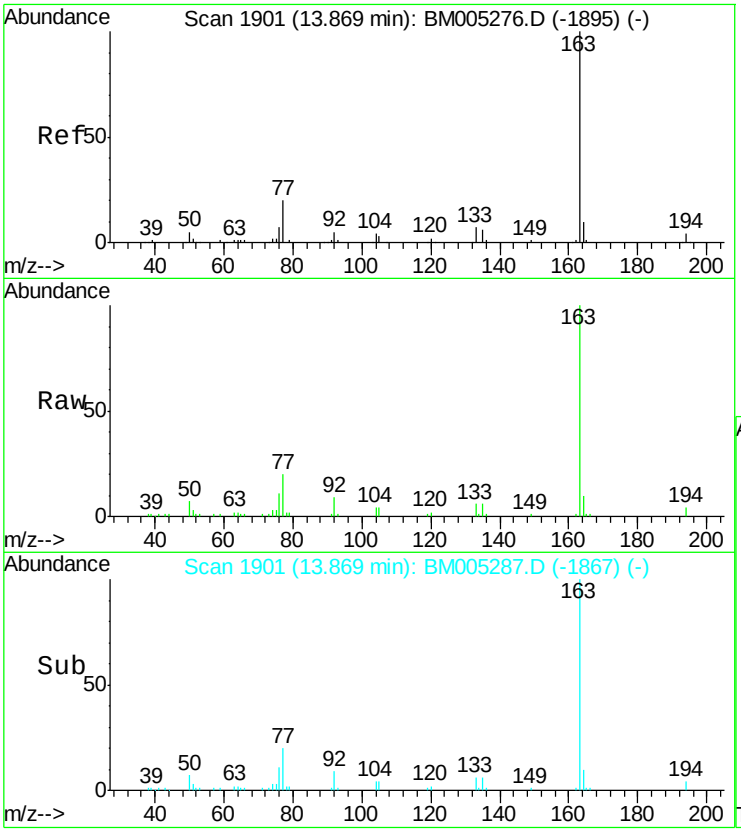


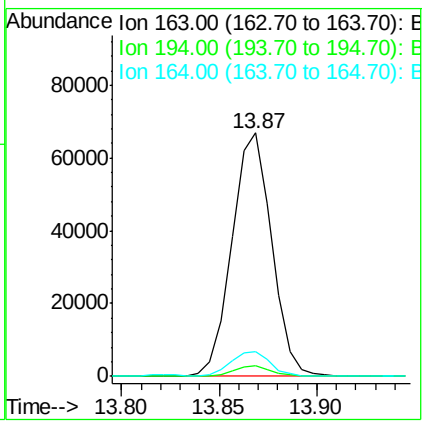


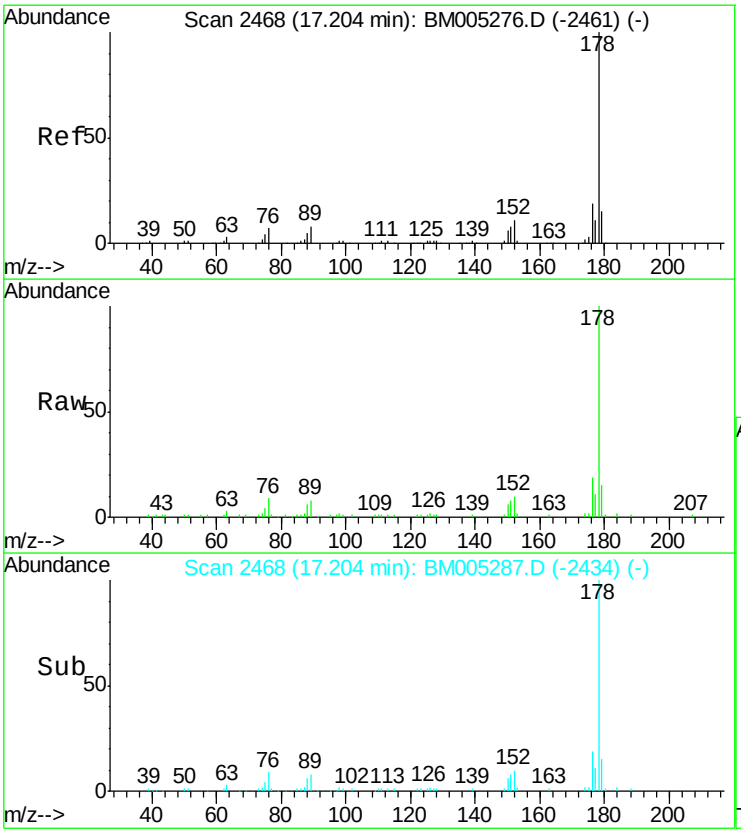
#44
Dimethylphthalate
Concen: 3.70 ng/ul
RT: 13.87 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BM005287.D
Acq: 07 May 2016 01:34

Instrument :
BNA_M
ClientSampleId :
BD3A2

Tgt Ion:163 Resp: 94324

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	7.9	11.9

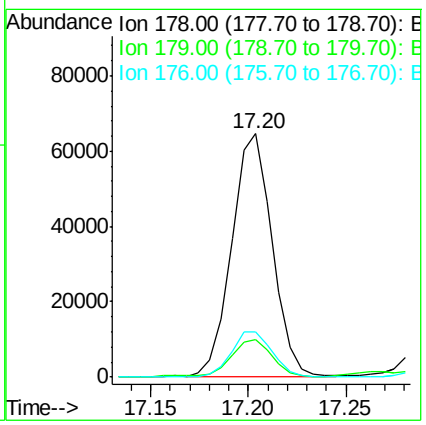


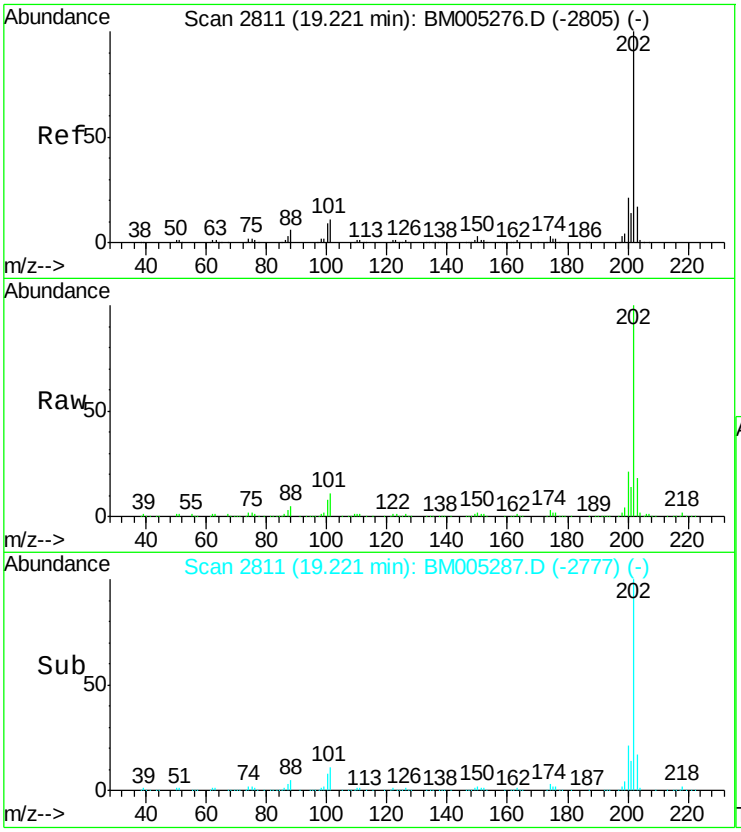


#69
Phenanthrene
Concen: 2.36 ng/ul
RT: 17.20 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BM005287.D
Acq: 07 May 2016 01:34

Tgt Ion:178 Resp: 92899

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.7	15.2	22.8



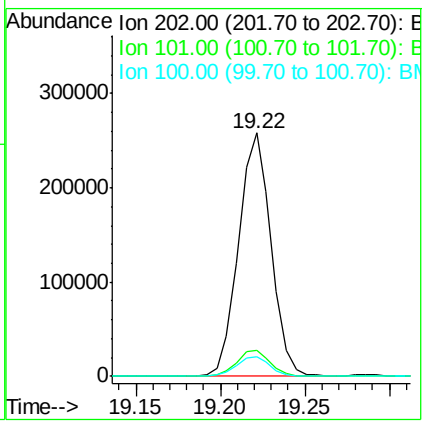


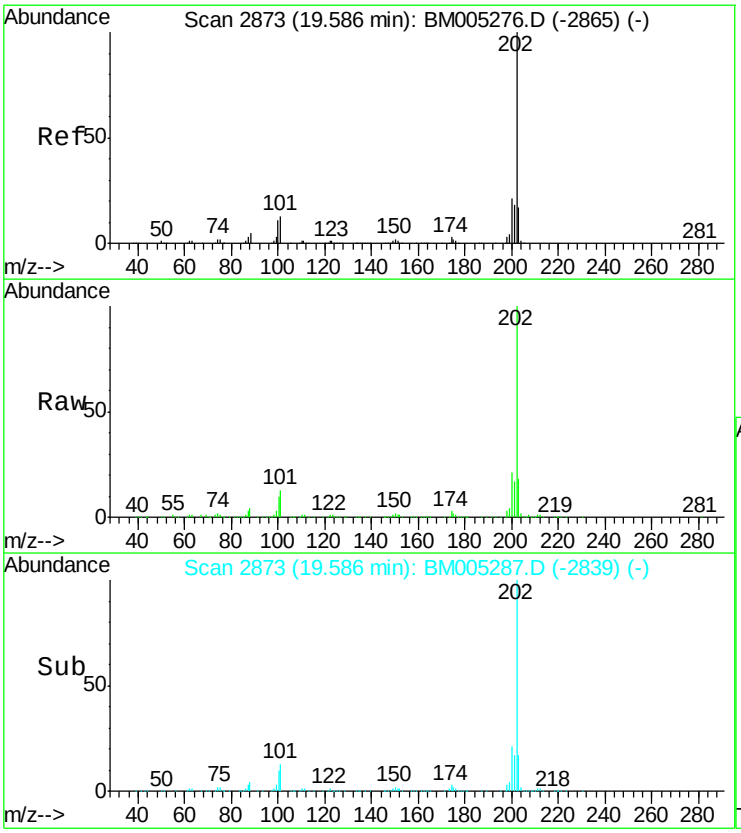
#74
Fluoranthene
Concen: 7.95 ng/ul
RT: 19.22 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM005287.D
Acq: 07 May 2016 01:34

Instrument :
BNA_M
ClientSampleId :
BD3A2

Tgt Ion:202 Resp: 346217

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.2	13.8
100	8.2	7.1	10.7

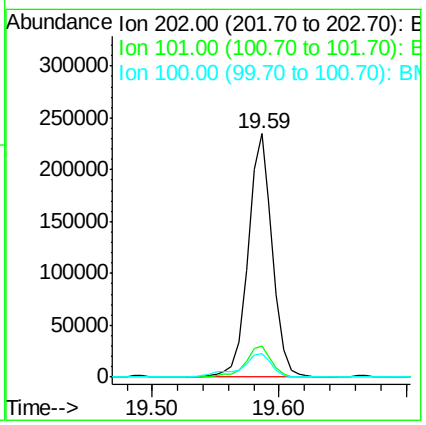


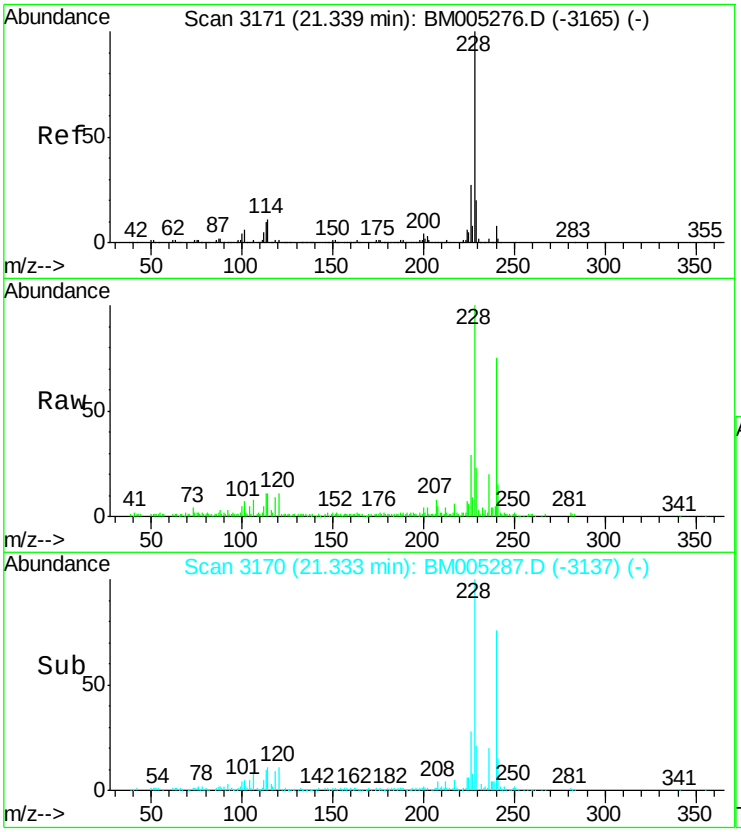


#77
Pyrene
Concen: 6.62 ng/ul
RT: 19.59 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BM005287.D
Acq: 07 May 2016 01:34

Tgt Ion:202 Resp: 311667

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.8	16.2
100	9.6	8.4	12.6



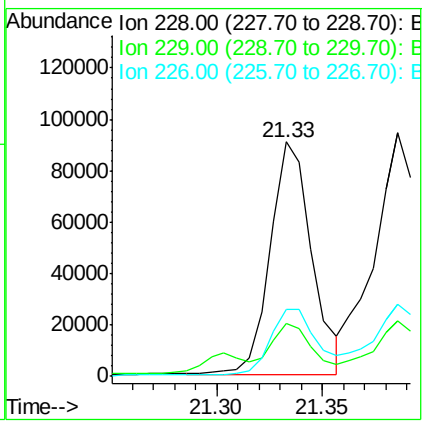


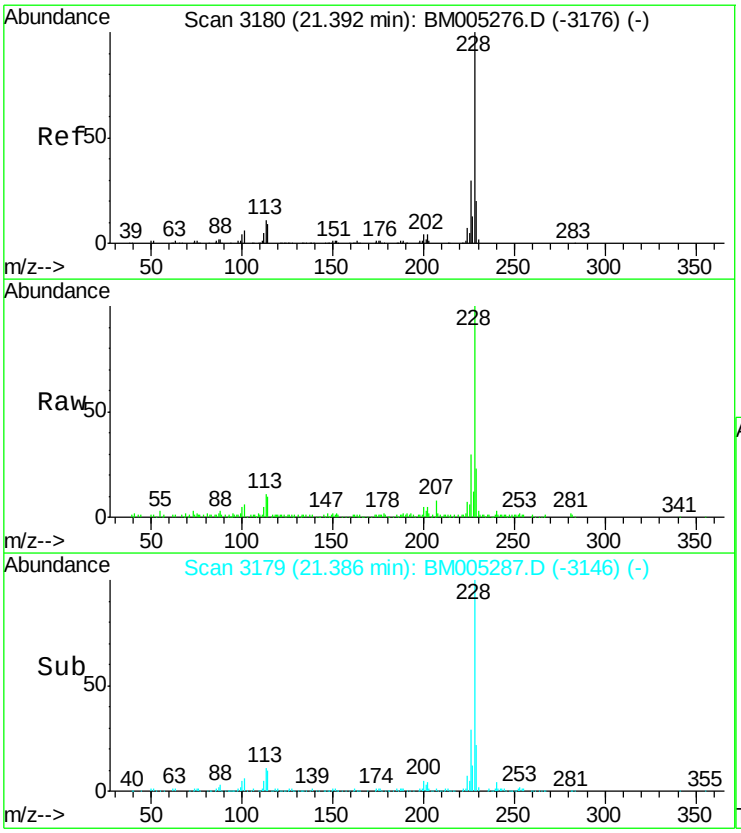
#80
Benzo(a)anthracene
Concen: 2.67 ng/ul
RT: 21.33 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BM005287.D
Acq: 07 May 2016 01:34

Instrument :
BNA_M
ClientSampleId :
BD3A2

Tgt Ion:228 Resp: 124513

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.5	23.3
226	28.6	21.8	32.8

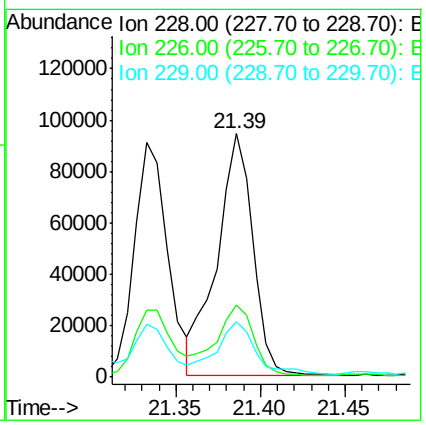


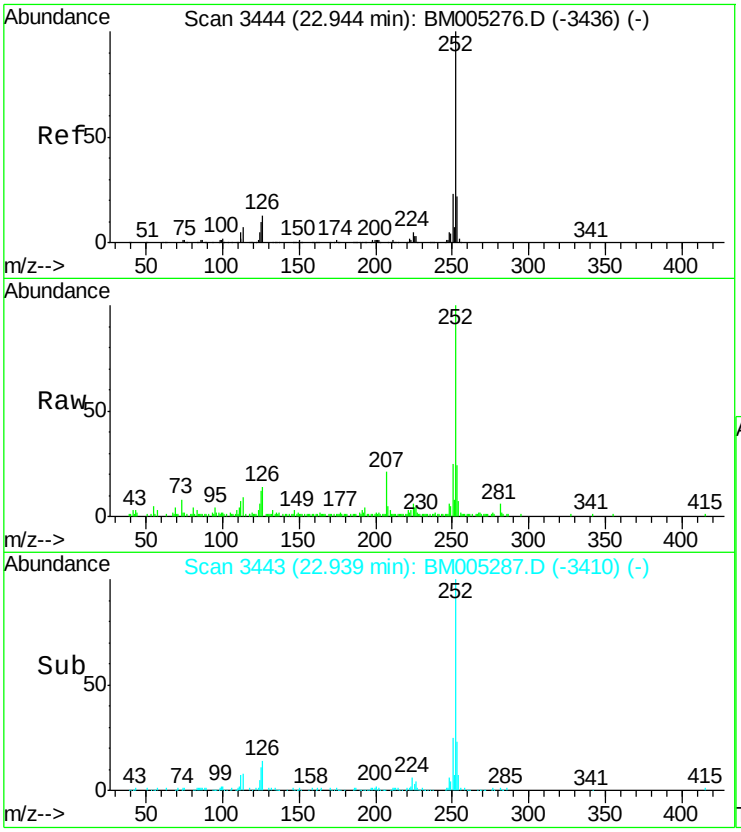


#82
Chrysene
Concen: 3.13 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM005287.D
Acq: 07 May 2016 01:34

Tgt Ion:228 Resp: 138570

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.6	35.4
229	23.0	15.4	23.0



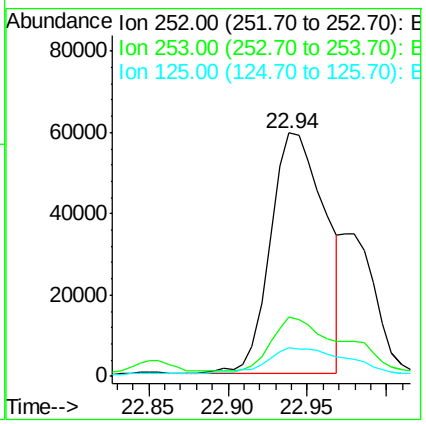


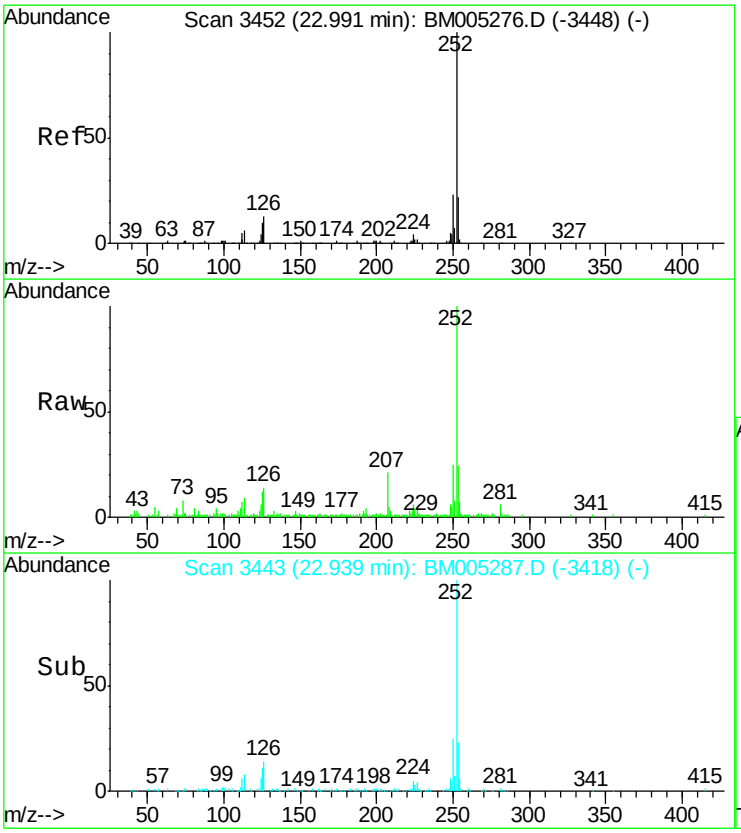
#85
Benzo(b)fluoranthene
Concen: 3.33 ng/ul
RT: 22.94 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM005287.D
Acq: 07 May 2016 01:34

Instrument :
BNA_M
ClientSampleId :
BD3A2

Tgt Ion:252 Resp: 142178

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	11.7	8.4	12.6

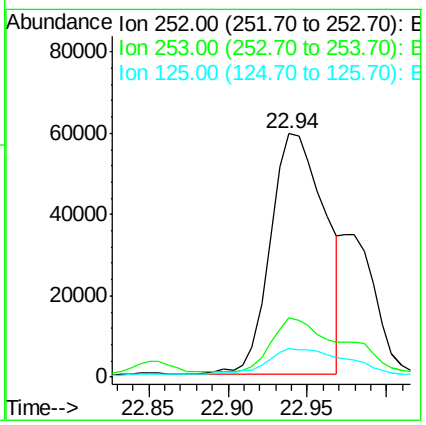


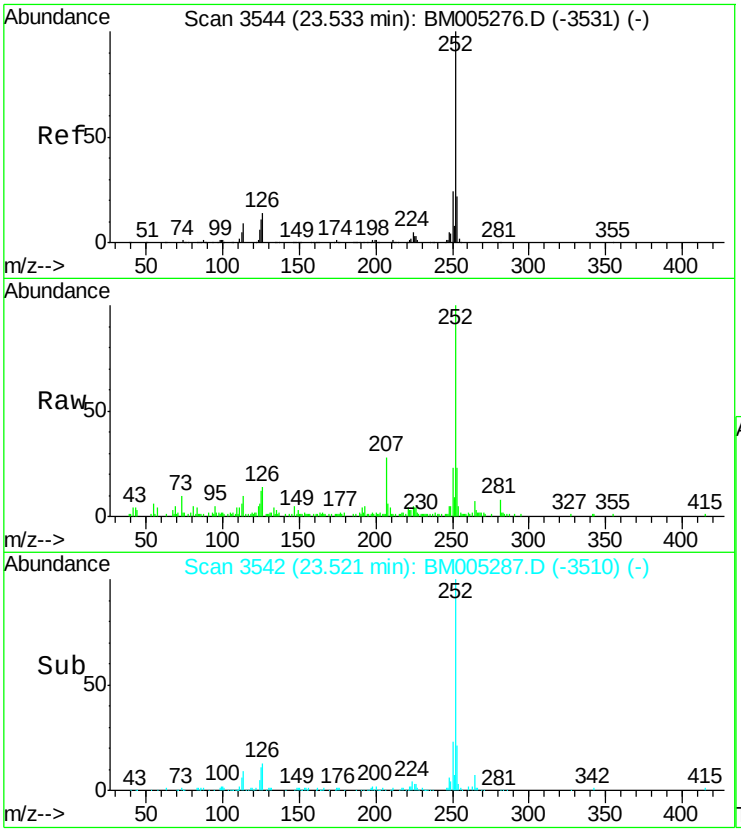


#86
Benzo(k)fluoranthene
Concen: 3.54 ng/ul
RT: 22.94 min Scan# 3443
Delta R.T. -0.05 min
Lab File: BM005287.D
Acq: 07 May 2016 01:34

Tgt Ion:252 Resp: 142178

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	11.7	8.0	12.0





#88
Benzo(a)pyrene
Concen: 2.10 ng/ul
RT: 23.52 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BM005287.D
Acq: 07 May 2016 01:34

Instrument :
BNA_M
ClientSampleId :
BD3A2

Tgt Ion:252 Resp: 84710

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	12.1	8.7	13.1