Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005570.D
Acq On : 22 May 2016 03:01
Operator : UM/SJ
Sample : H2890-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WY6

Manual Integrations APPROVED
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Quant Time: May 22 05:53:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 05:33:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	122511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	538229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	307097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	661152	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	588612	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	600073	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	6574	2.35	ng/uL	0.00
5) Phenol-d5	6.99	99	155775	15.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	86499	14.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	123067	14.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	133501	16.22	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	60556	14.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	64829	14.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	127577	14.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	171095	20.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	426237	17.00	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	509285	16.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	3775	0.80	ng/ul	0.00
57) Fluorene-d10	15.44	176	368436	16.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	1941	0.51	ng/ul	0.00
70) Anthracene-d10	17.29	188	564989	17.94	ng/ul	0.00
76) Pyrene-d10	19.58	212	571509	21.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	510096	18.20	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.66	128	31891	1.18	ng/ul	97
34) 2-Methylnaphthalene	12.27	142	202124	10.22	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	36514	1.42	ng/ul	99
44) Dimethylphthalate	13.91	163	155664	6.28	ng/ul	100
69) Phenanthrene	17.24	178	205429	5.56	ng/ul	99
71) Anthracene	17.33	178	53370	1.42	ng/ul	99
73) Di-n-butylphthalate	18.16	149	575766	14.52	ng/ul	100
74) Fluoranthene	19.25	202	377675	9.08	ng/ul	99
77) Pyrene	19.61	202	305150	9.02	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	11406	1.07	ng/ul#	93
80) Benzo(a)anthracene	21.35	228	158914	4.59	ng/ul	97
82) Chrysene	21.40	228	144144m	4.38	ng/ul	
85) Benzo(b)fluoranthene	22.96	252	194360	5.49	ng/ul#	90
86) Benzo(k)fluoranthene	23.00	252	69428m	2.07	ng/ul	
88) Benzo(a)pyrene	23.55	252	142250	4.14	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	25.96	276	97359	2.39	ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	89912	2.62	ng/ul	94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005570.D
Acq On : 22 May 2016 03:01
Operator : UM/SJ
Sample : H2890-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 22 05:53:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 05:33:20 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9WY6

Manual Integrations APPROVED
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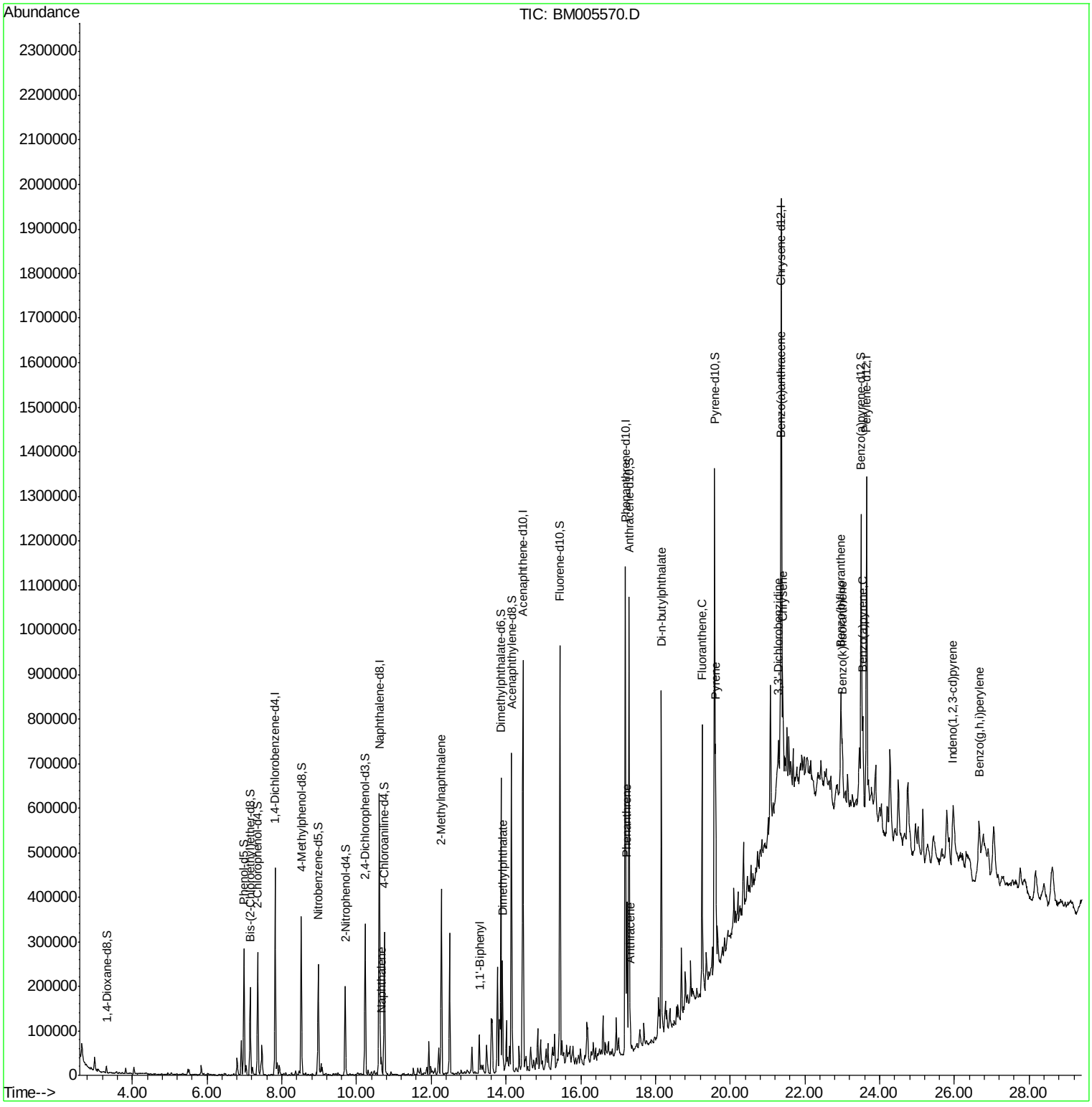
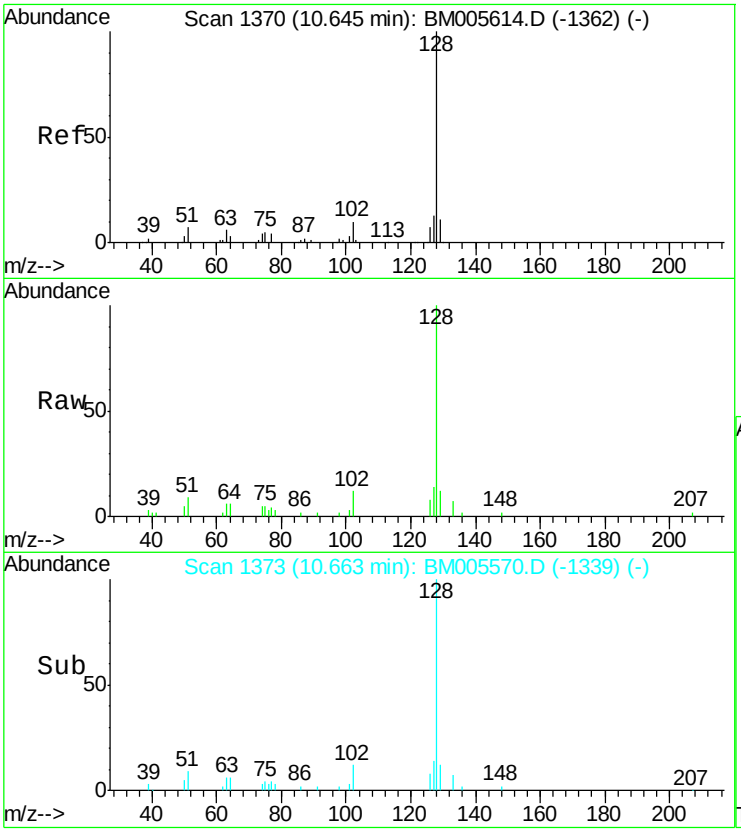
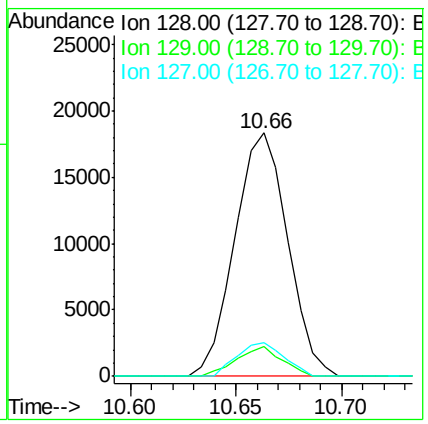




#28
Naphthalene
Concen: 1.18 ng/ul
RT: 10.66 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:128 Resp: 31891

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	13.0
127	13.8	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
D9WY6

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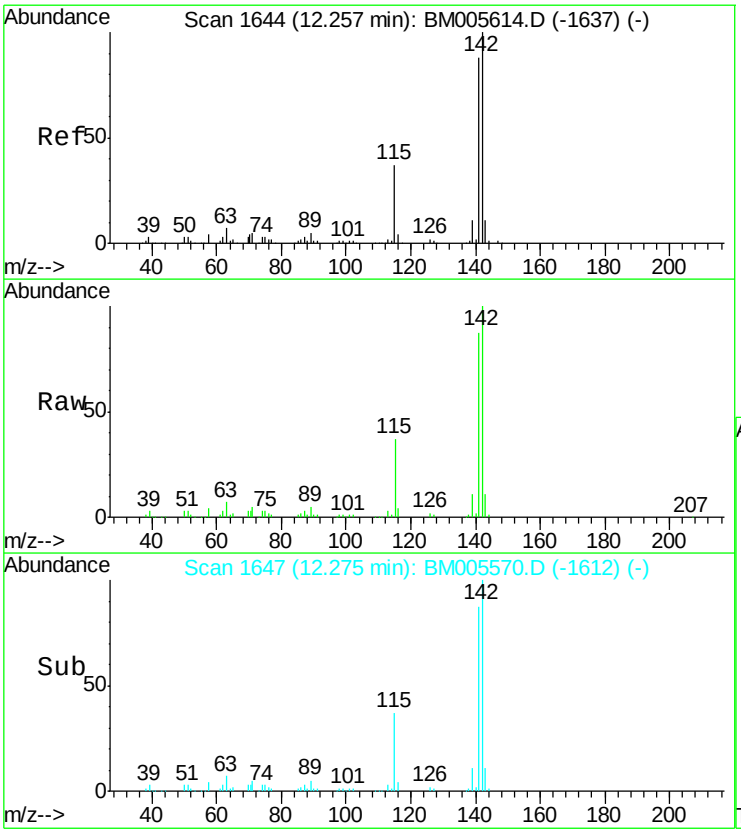
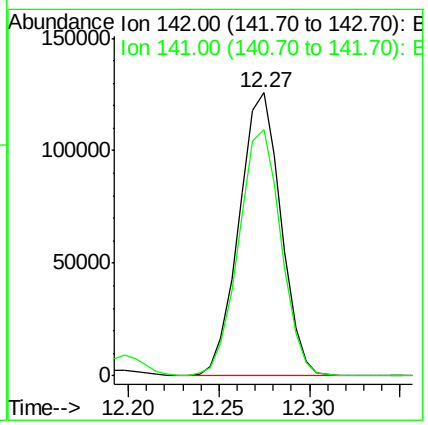
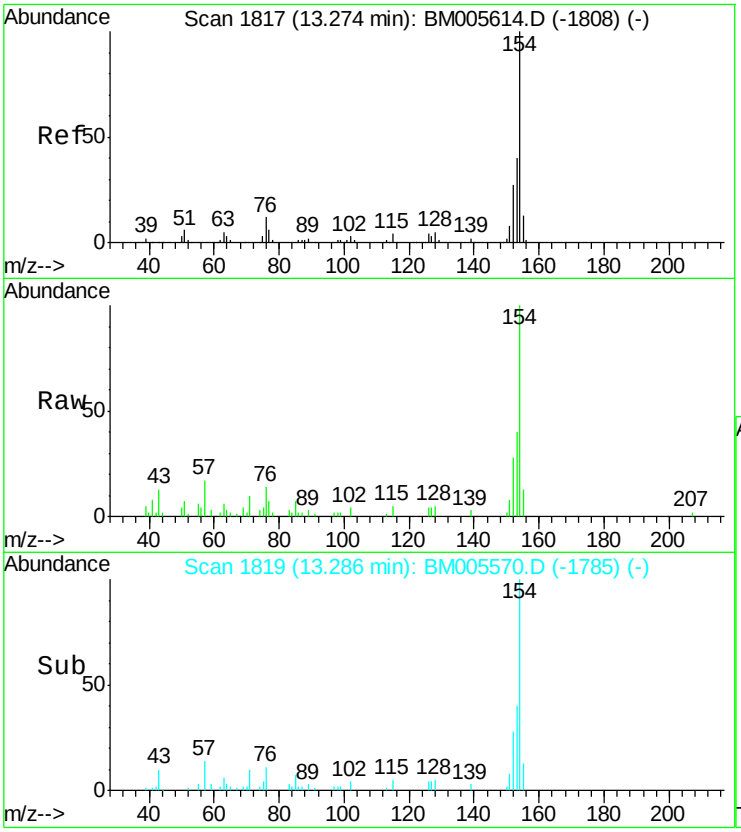


#34
2-Methylnaphthalene
Concen: 10.22 ng/ul
RT: 12.27 min Scan# 1647
Delta R.T. 0.01 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:142 Resp: 202124

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.6	106.0

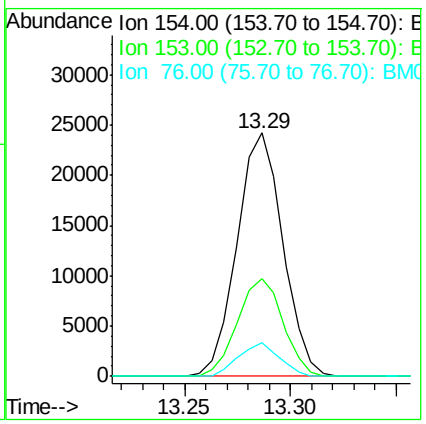




#40
1,1'-Biphenyl
Concen: 1.42 ng/ul
RT: 13.29 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:154 Resp: 36514

Ion	Ratio	Lower	Upper
154	100		
153	39.9	31.7	47.5
76	13.6	10.1	15.1



Instrument :
BNA_M
ClientSampleId :
D9WY6

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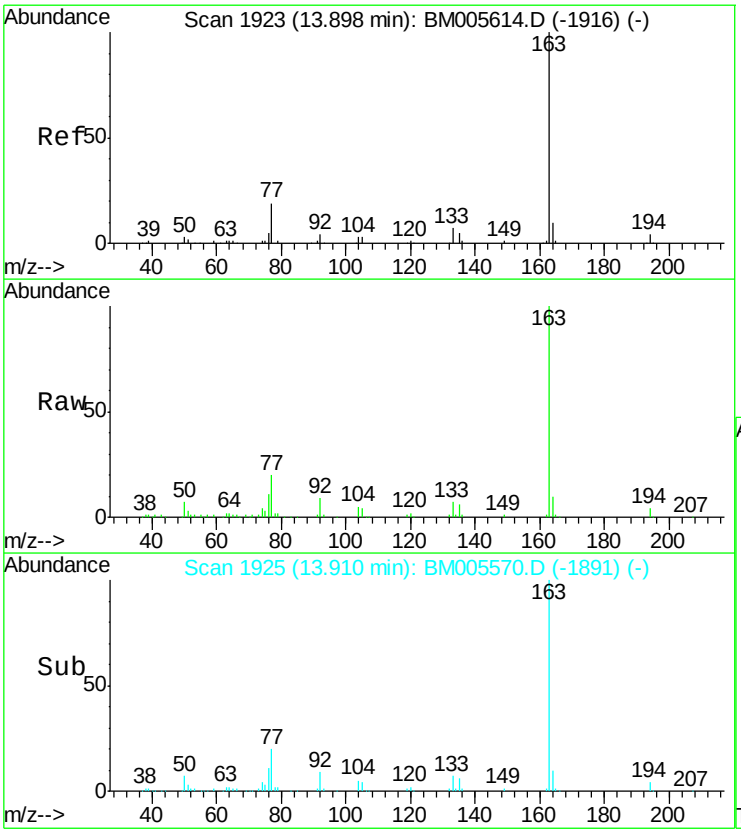
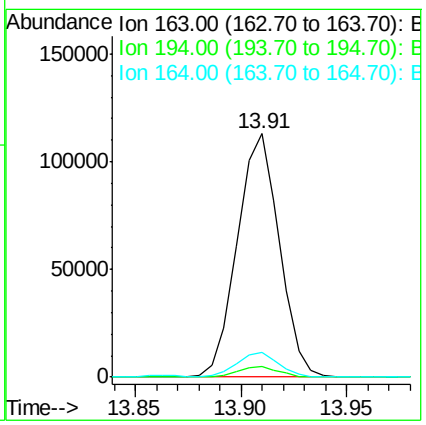
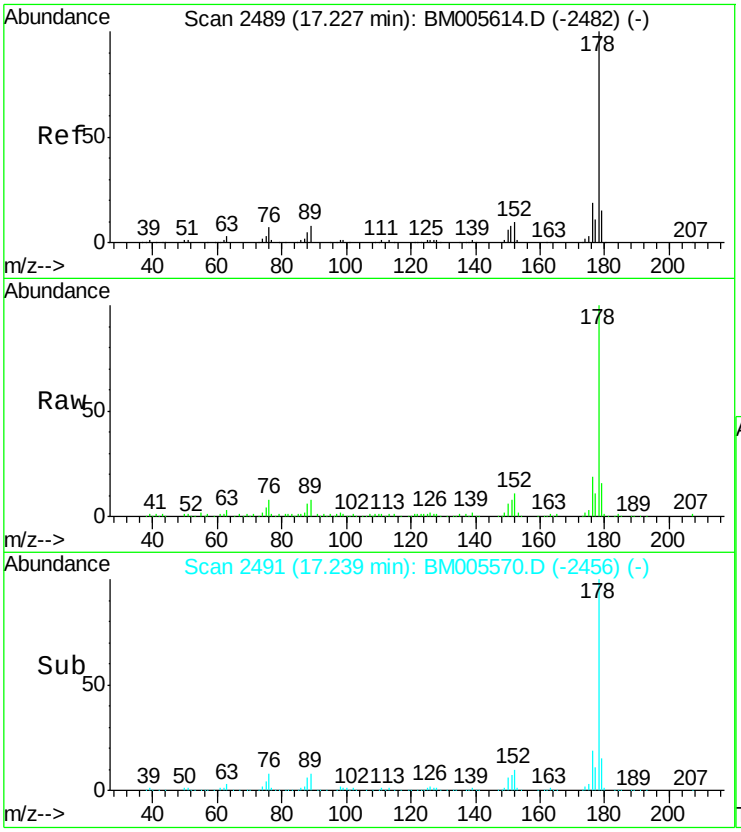


#44
Dimethylphthalate
Concen: 6.28 ng/ul
RT: 13.91 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:163 Resp: 155664

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.0	12.0

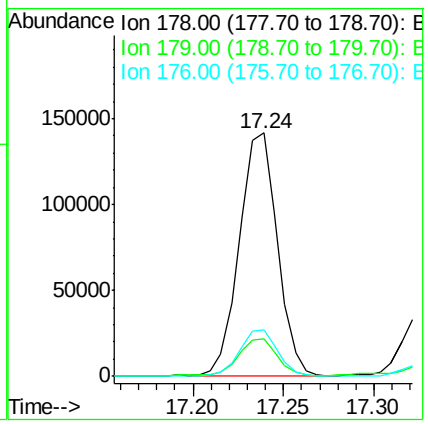




#69
Phenanthrene
Concen: 5.56 ng/ul
RT: 17.24 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:178 Resp: 205429

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.0	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
D9WY6

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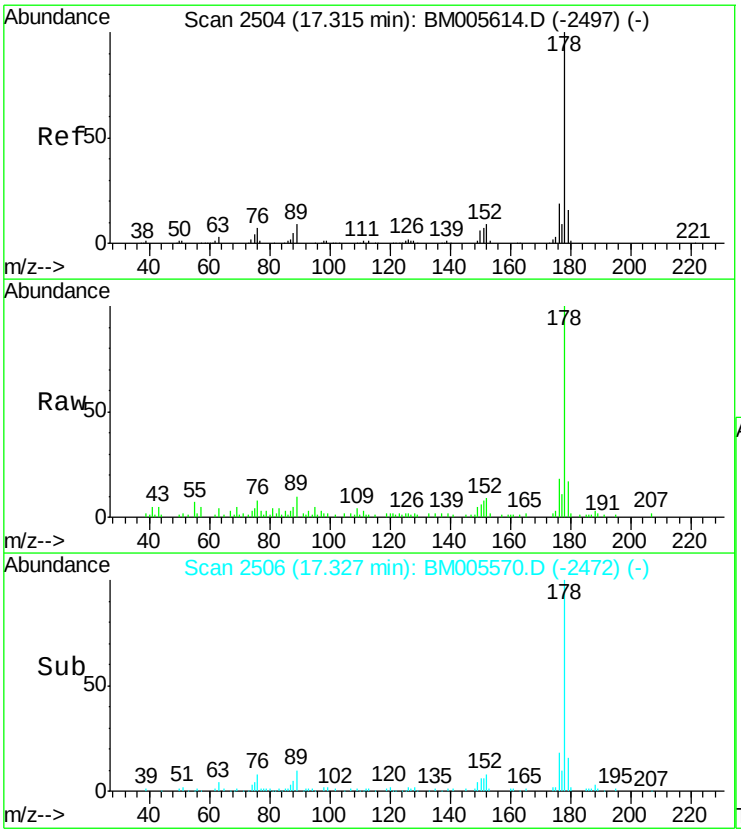
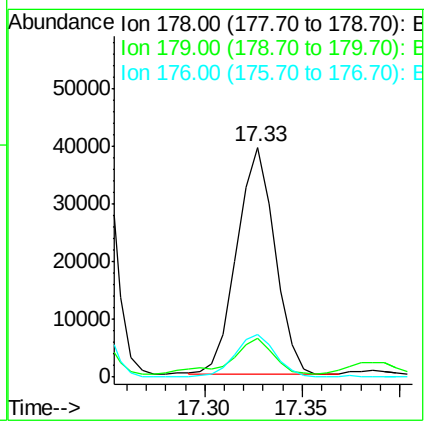
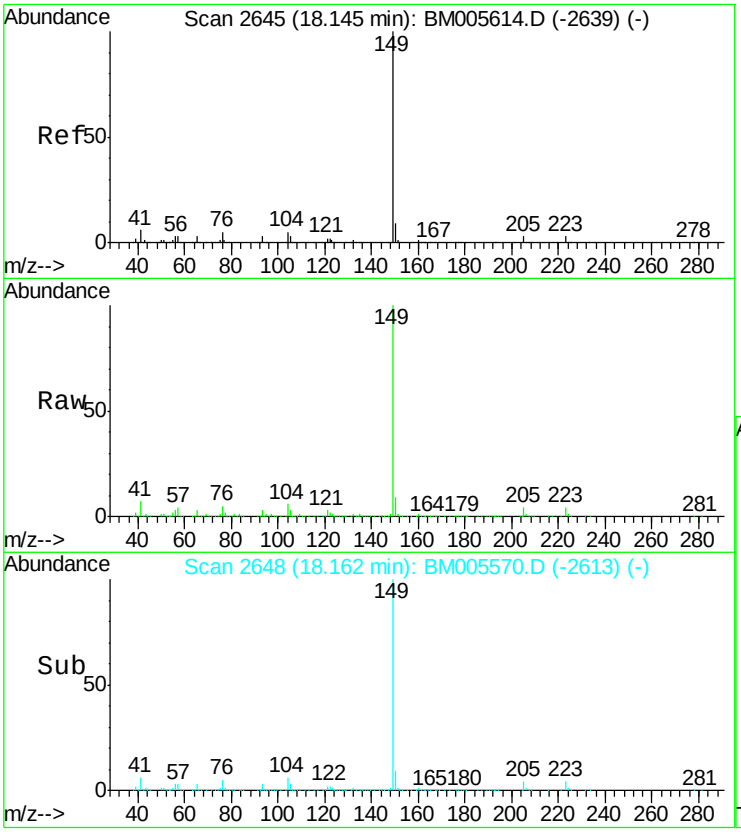


#71
Anthracene
Concen: 1.42 ng/ul
RT: 17.33 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:178 Resp: 53370

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	18.8
176	18.5	15.0	22.4

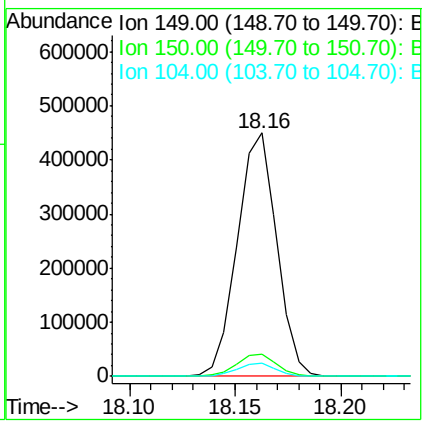




#73
Di-n-butylphthalate
Concen: 14.52 ng/ul
RT: 18.16 min Scan# 2648
Delta R.T. 0.01 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:149 Resp: 575766

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.5	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
D9WY6

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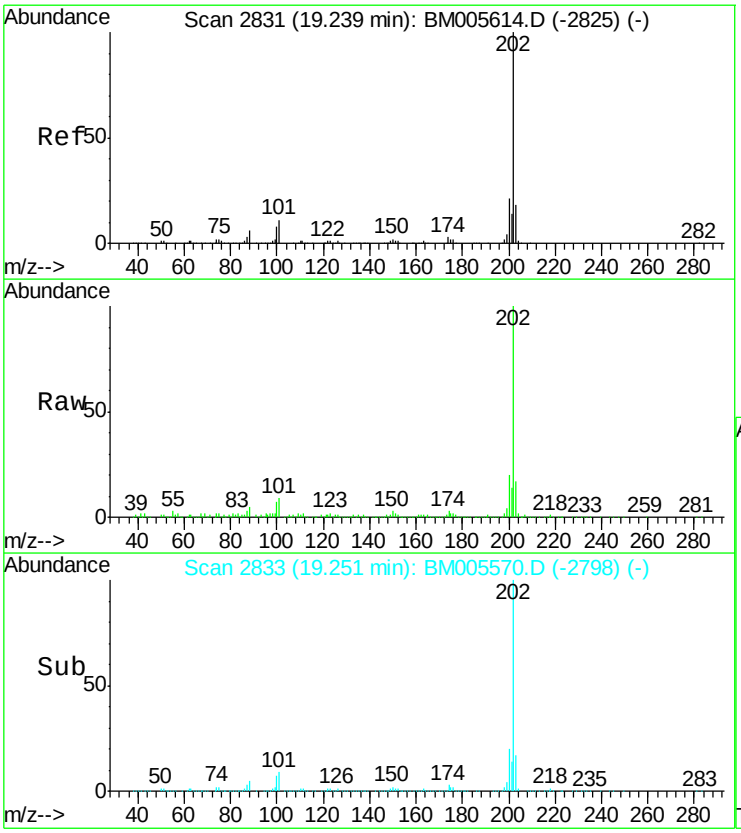
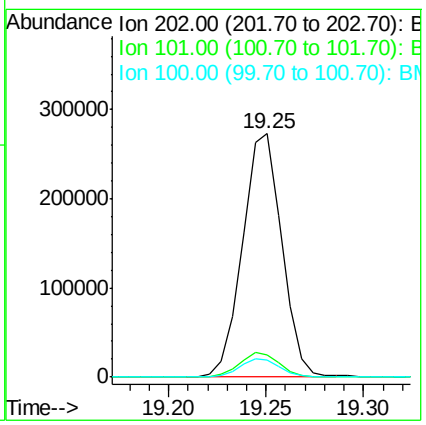
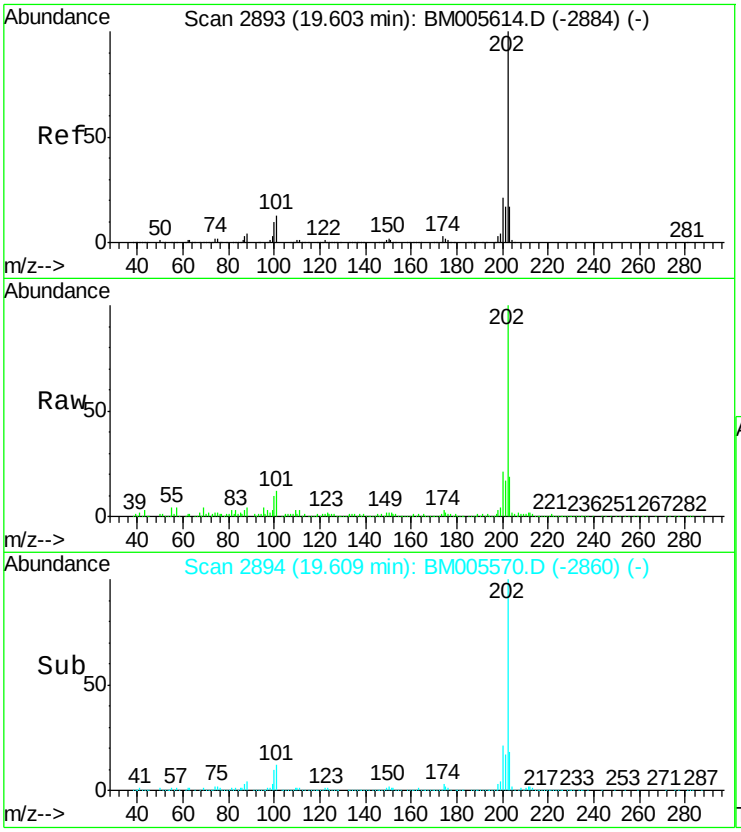


#74
Fluoranthene
Concen: 9.08 ng/ul
RT: 19.25 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:202 Resp: 377675

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.9	11.9
100	7.3	5.6	8.4





#77
Pyrene
Concen: 9.02 ng/ul
RT: 19.61 min Scan# 2894
Delta R.T. -0.00 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:202 Resp: 305150

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
100	9.9	7.8	11.6

Instrument :
BNA_M
ClientSampleId :
D9WY6

Manual Integrations APPROVED
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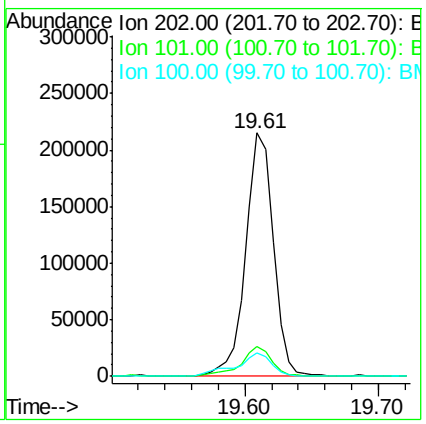
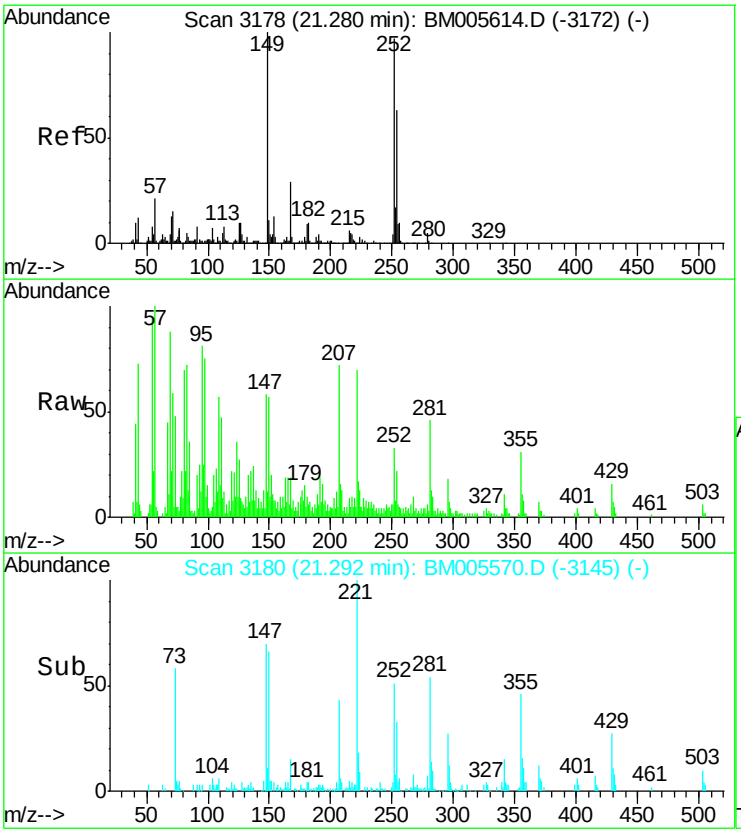
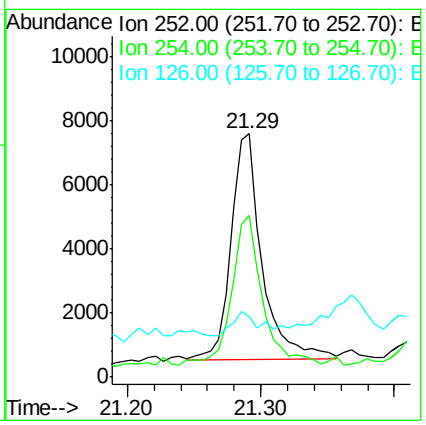


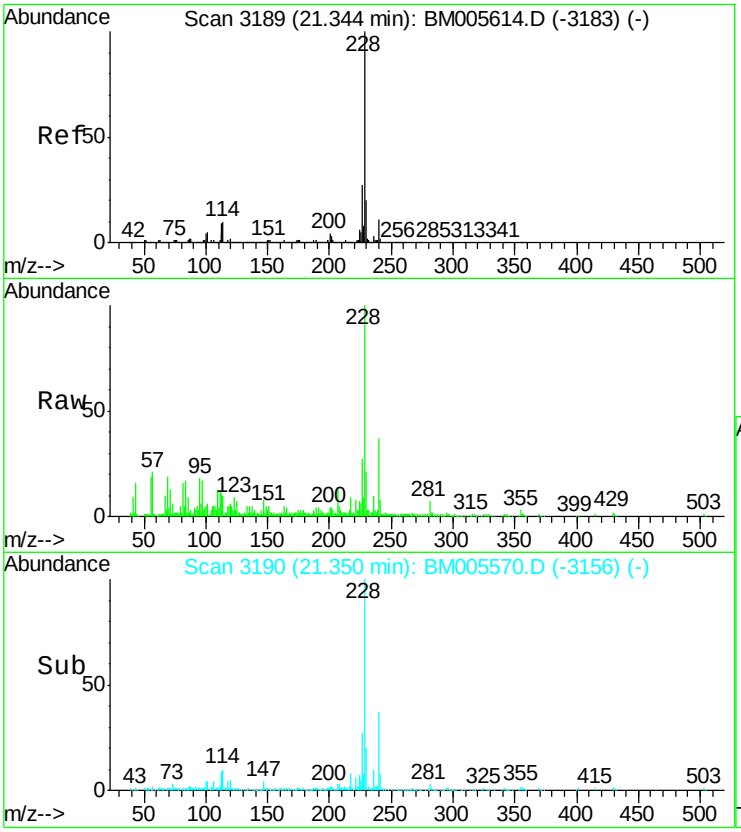


#79
3,3'-Dichlorobenzidine
Concen: 1.07 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:252 Resp: 11406

Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.7	77.5
126	24.7	7.9	11.9#

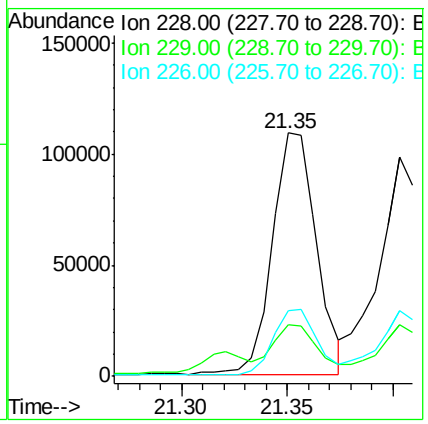




#80
Benzo(a)anthracene
Concen: 4.59 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:228 Resp: 158914

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.2
226	27.1	21.0	31.4



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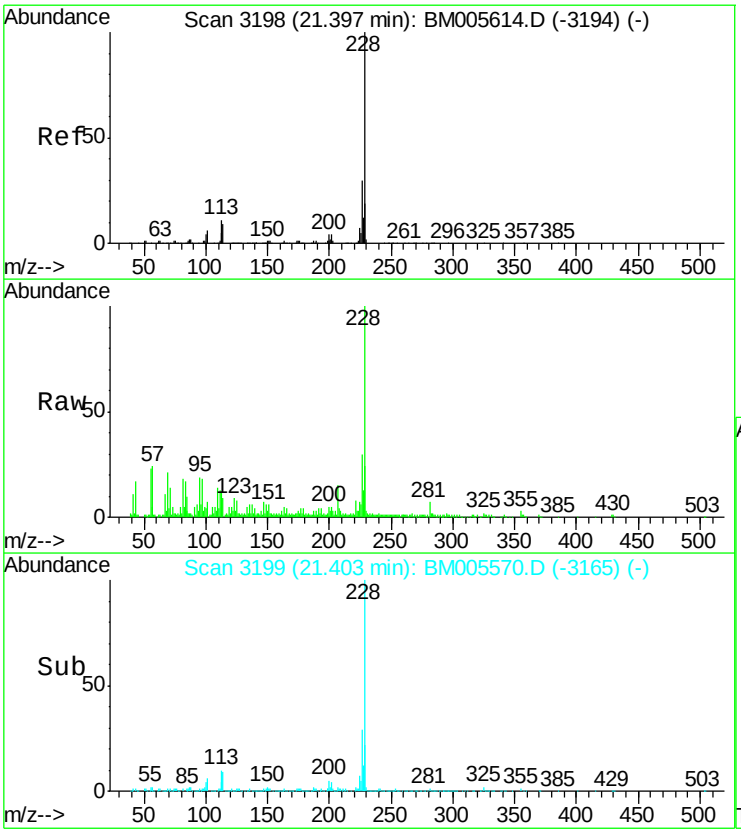
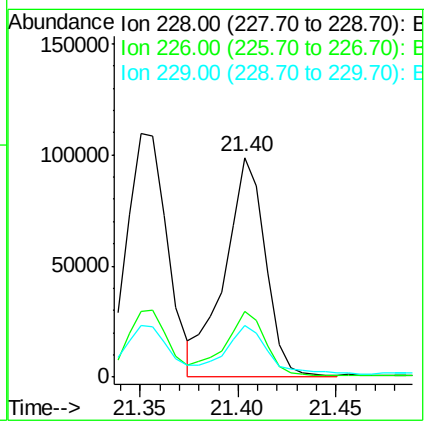
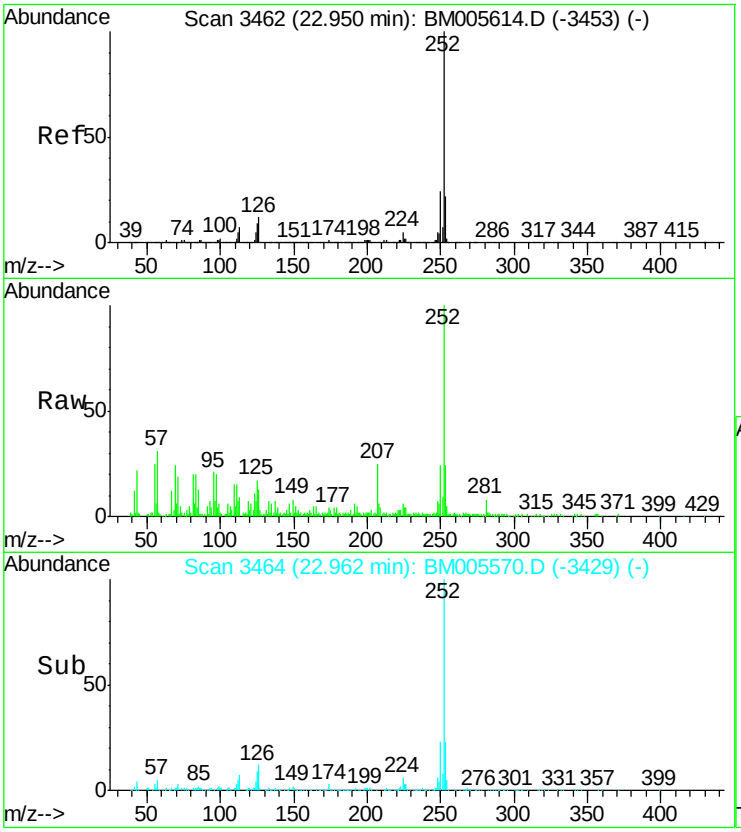


#82
Chrysene
Concen: 4.38 ng/ul m
RT: 21.40 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:228 Resp: 144144

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	23.6	15.5	23.3#





#85
Benzo(b)fluoranthene
Concen: 5.49 ng/ul
RT: 22.96 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:252 Resp: 194360

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	16.5	7.0	10.4#

Instrument :
BNA_M
ClientSampleId :
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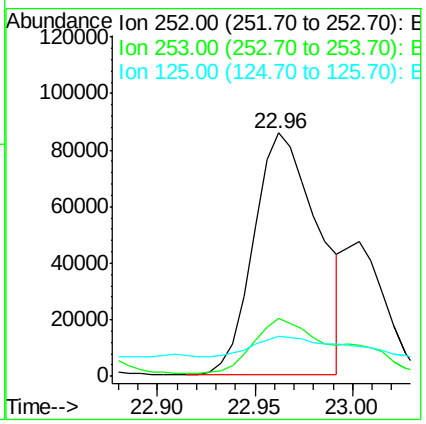
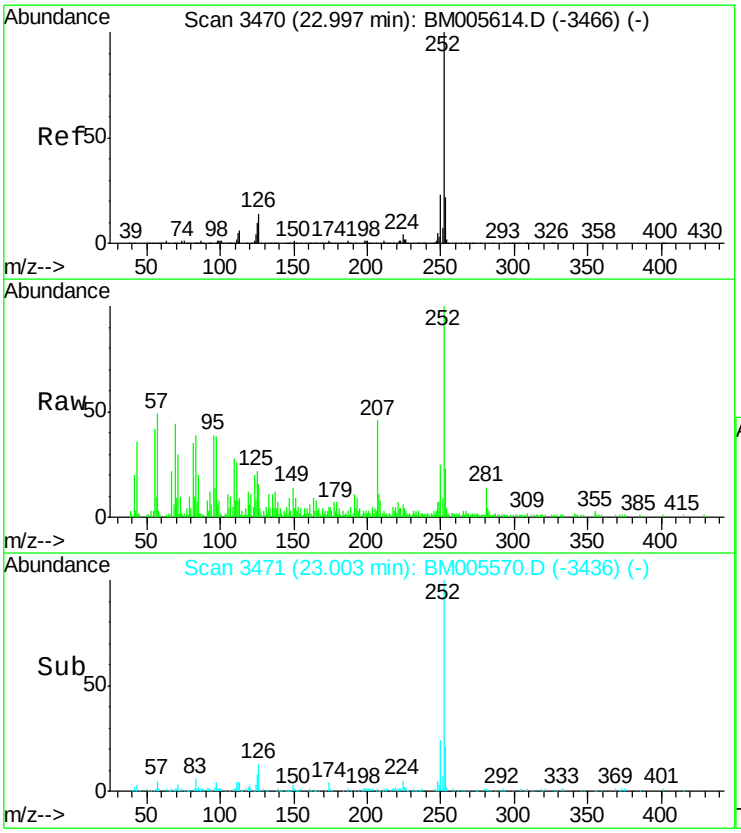
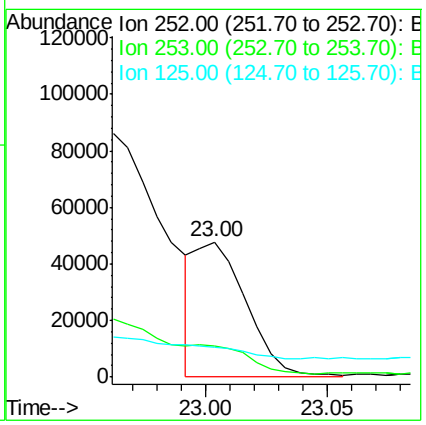


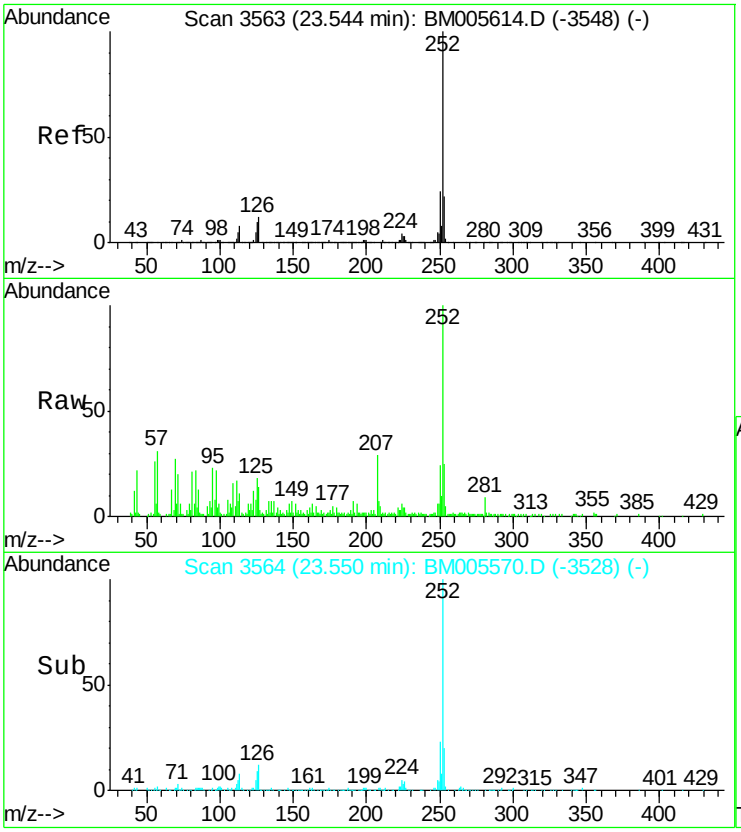


#86
Benzo(k)fluoranthene
Concen: 2.07 ng/ul m
RT: 23.00 min Scan# 3471
Delta R.T. 0.01 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:252 Resp: 69428

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	22.4	7.0	10.6#

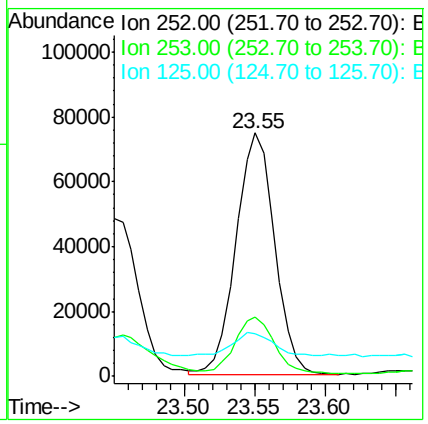




#88
Benzo(a)pyrene
Concen: 4.14 ng/ul
RT: 23.55 min Scan# 3564
Delta R.T. 0.01 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:252 Resp: 142250

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	17.5	7.6	11.4#



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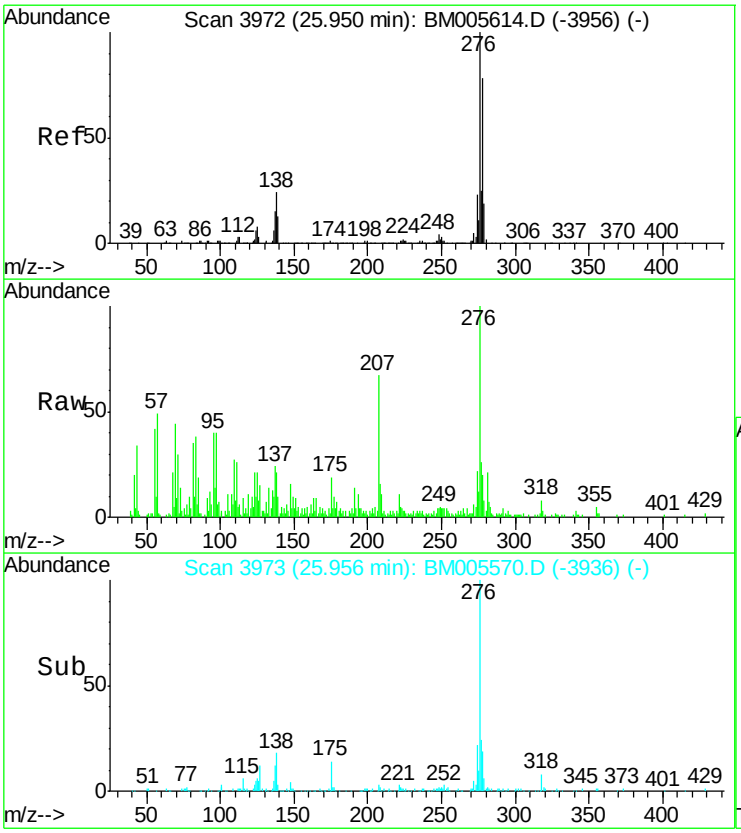
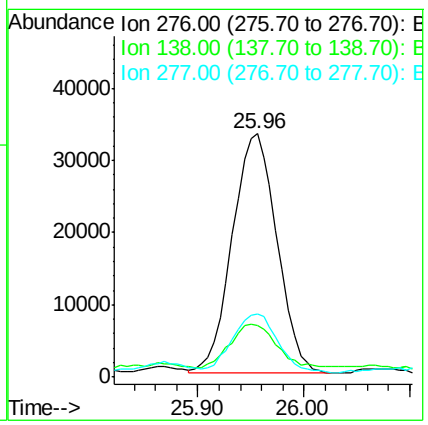
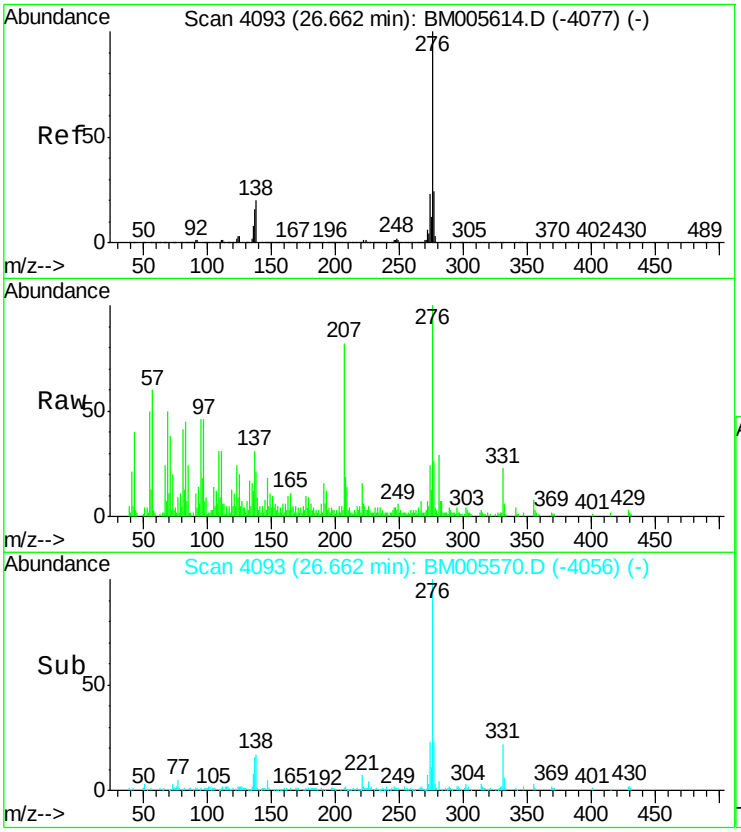


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.39 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. 0.02 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:276 Resp: 97359

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.9	25.3
277	25.8	20.2	30.4

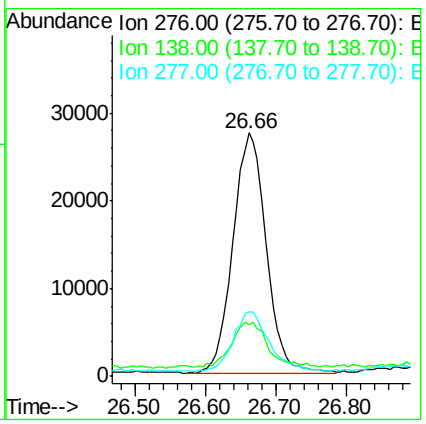




#91
Benzo(g,h,i)perylene
Concen: 2.62 ng/ul
RT: 26.66 min Scan# 4093
Delta R.T. 0.02 min
Lab File: BM005570.D
Acq: 22 May 2016 03:01

Tgt Ion:276 Resp: 89912

Ion	Ratio	Lower	Upper
276	100		
138	21.1	15.0	22.6
277	26.3	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
D9WY6

Manual Integrations APPROVED
umangi
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