Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090217.D
Acq On : 22 Jul 2015 1:59
Operator : TP/IZ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
apatel
7/22/2015 3:26:22 PM

Quant Time: Jul 22 05:37:01 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 04:13:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	792	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	3819	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	2179	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	5771	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	3997	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	2108	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2391	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	6480	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	3949	0.39	ng/ul	100
5) 2-Methylnaphthalene	12.03	142	2668	0.39	ng/ul	99
7) Acenaphthylene	13.93	152	18246	0.40	ng/ul	98
8) Acenaphthene	14.27	153	12928	0.39	ng/ul	98
9) Fluorene	15.26	166	3745	0.37	ng/ul	98
11) Pentachlorophenol	16.61	266	106	0.30	ng/ul	94
12) Phenanthrene	16.99	178	25422	0.38	ng/ul	95
13) Anthracene	17.07	178	25288	0.40	ng/ul	99
15) Fluoranthene	19.00	202	28820	0.38	ng/ul	100
17) Pyrene	19.36	202	29354	0.45	ng/ul	100
18) Benzo(a)anthracene	21.10	228	1731	0.28	ng/ul	96
19) Chrysene	21.15	228	7263m	0.45	ng/ul	
21) Benzo(b)fluoranthene	22.72	252	1000	0.37	ng/ul	96
22) Benzo(k)fluoranthene	22.77	252	2637m	0.33	ng/ul	
23) Benzo(a)pyrene	23.32	252	1456	0.35	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.82	276	4030	0.33	ng/ul	97
25) Dibenzo(a,h)anthracene	25.84	278	620	0.31	ng/ul	92
26) Benzo(g,h,i)perylene	26.56	276	5433	0.31	ng/ul	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072215\
Data File : BE090217.D
Acq On : 22 Jul 2015 1:59
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 05:37:01 2015
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Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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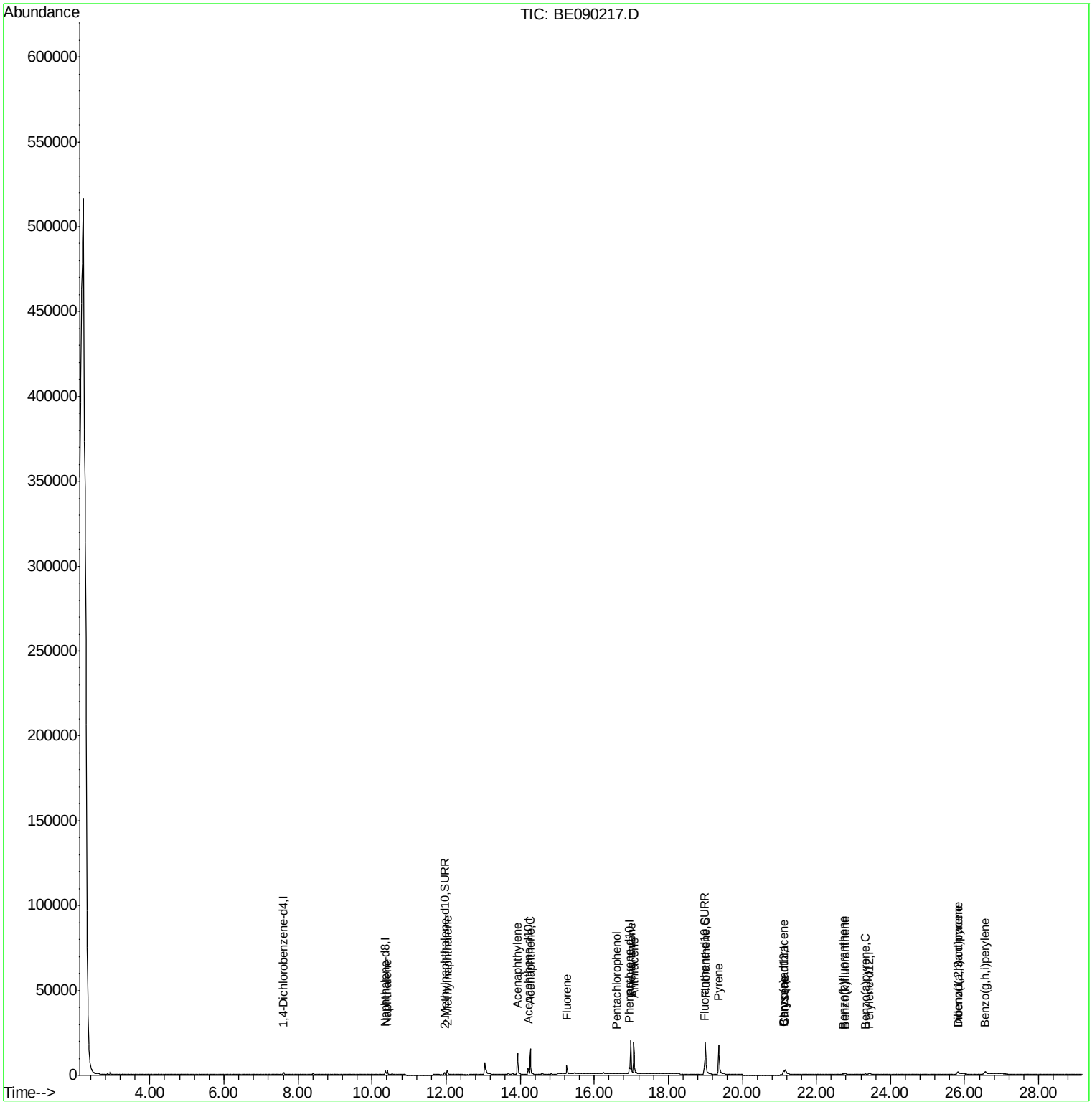

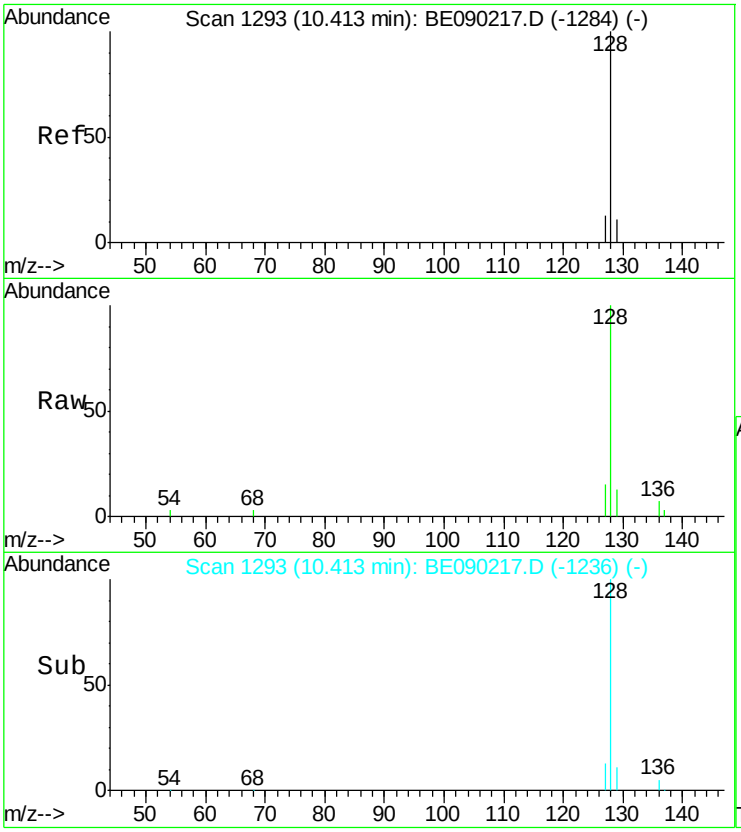

#3
Naphthalene
Concen: 0.39 ng/ul
RT: 10.41 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:128 Resp: 3949

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.2	15.2
127	14.7	11.8	17.6

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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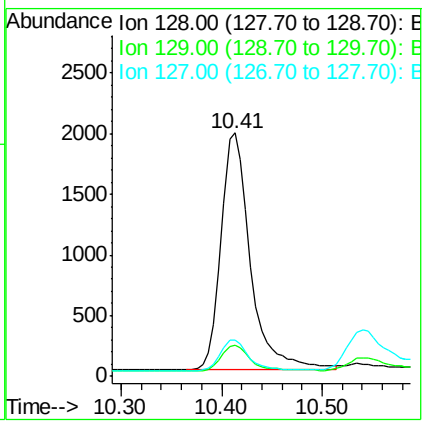
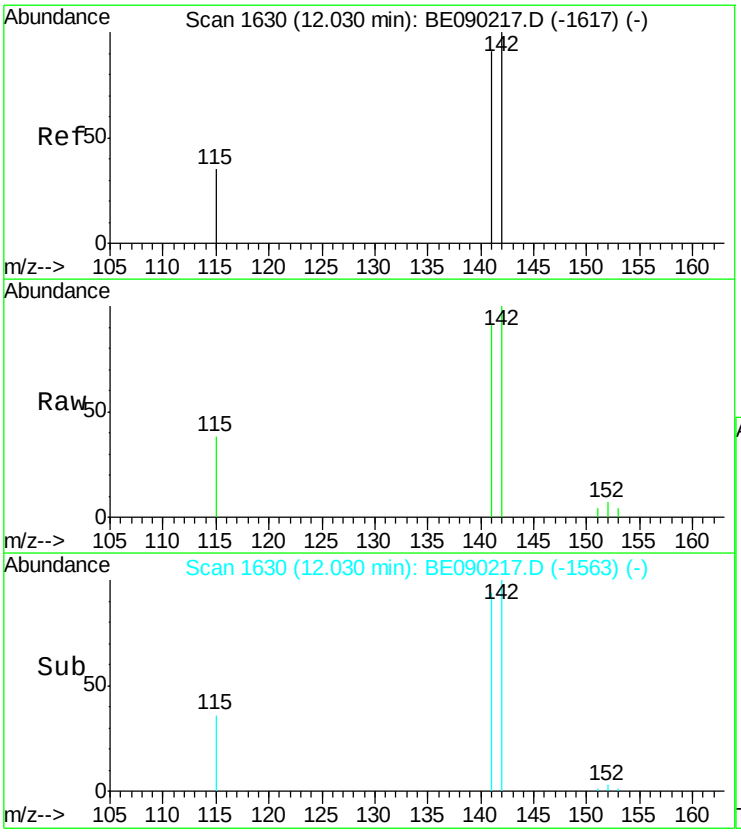
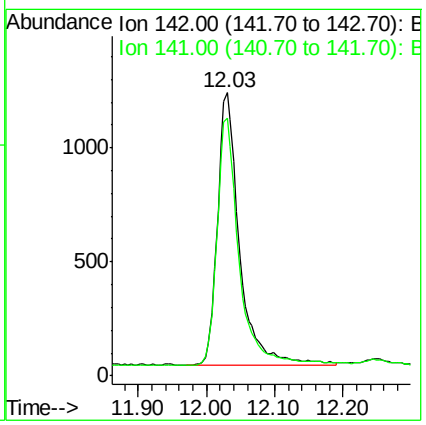


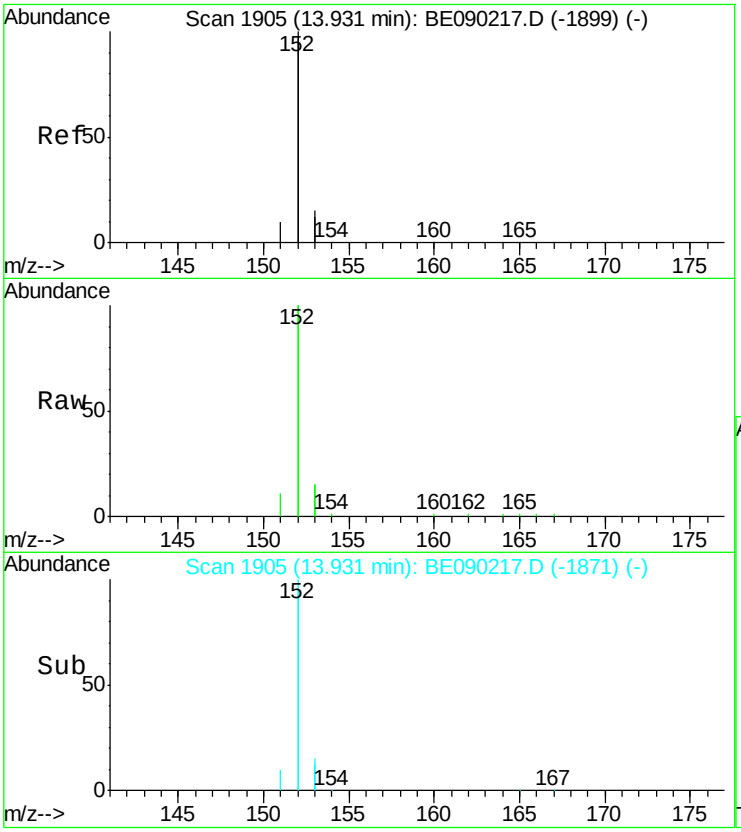


#5
2-Methylnaphthalene
Concen: 0.39 ng/ul
RT: 12.03 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:142 Resp: 2668

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6

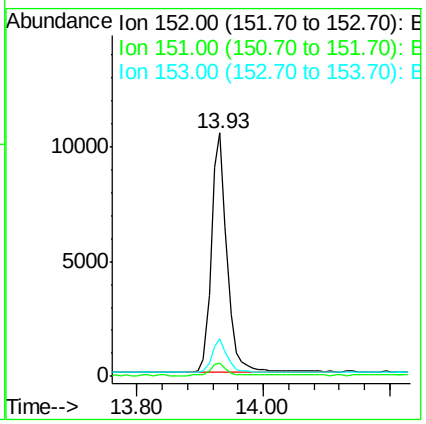




#7
Acenaphthylene
Concen: 0.40 ng/ul
RT: 13.93 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:152 Resp: 18246

Ion	Ratio	Lower	Upper
152	100		
151	5.4	4.2	6.4
153	15.4	11.5	17.3



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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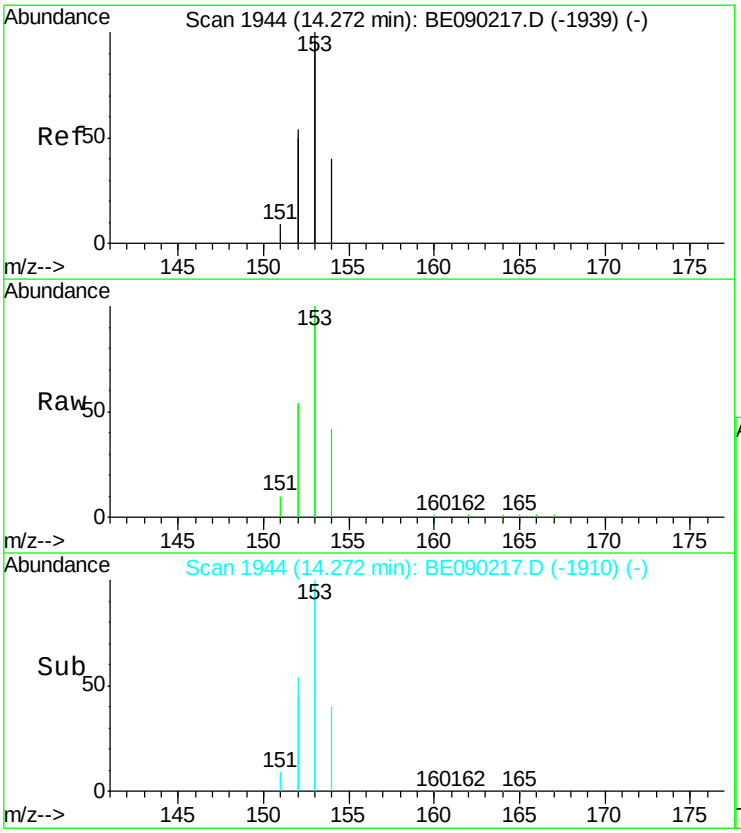
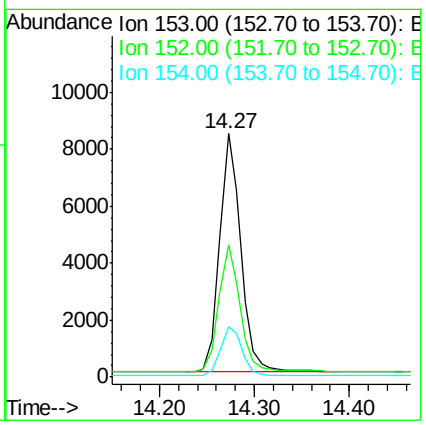
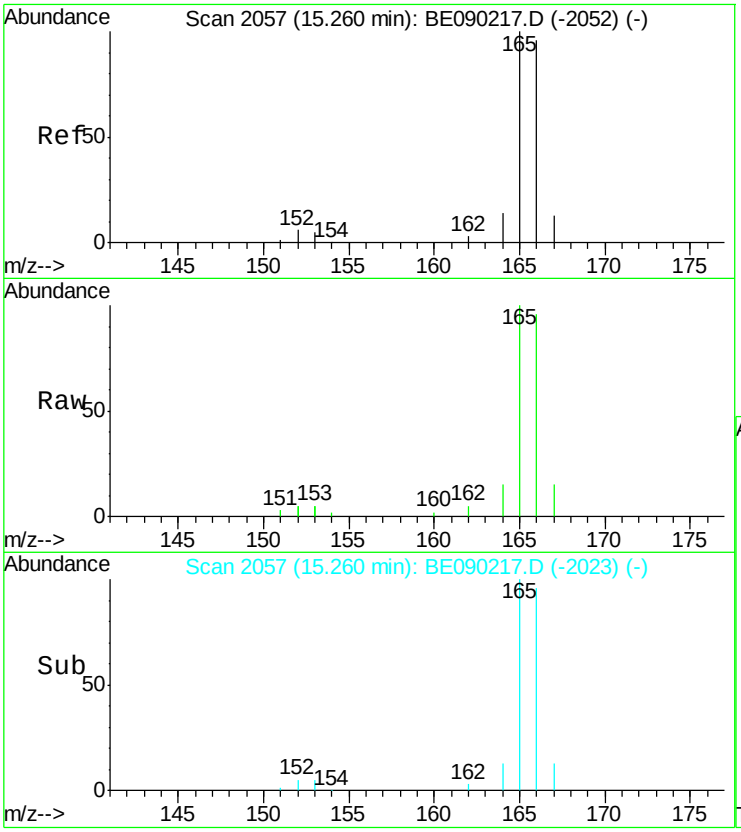


#8
Acenaphthene
Concen: 0.39 ng/ul
RT: 14.27 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:153 Resp: 12928

Ion	Ratio	Lower	Upper
153	100		
152	54.4	45.0	67.4
154	20.8	16.8	25.2

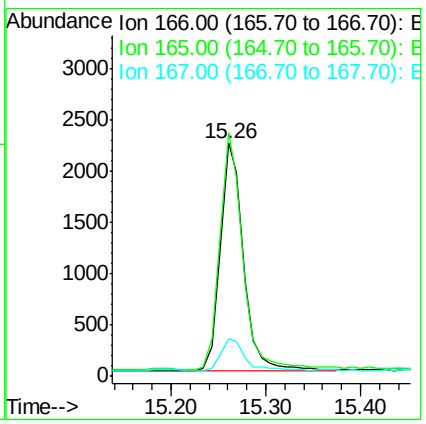




#9
Fluorene
Concen: 0.37 ng/ul
RT: 15.26 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:166 Resp: 3745

Ion	Ratio	Lower	Upper
166	100		
165	104.5	81.9	122.9
167	15.9	12.2	18.2



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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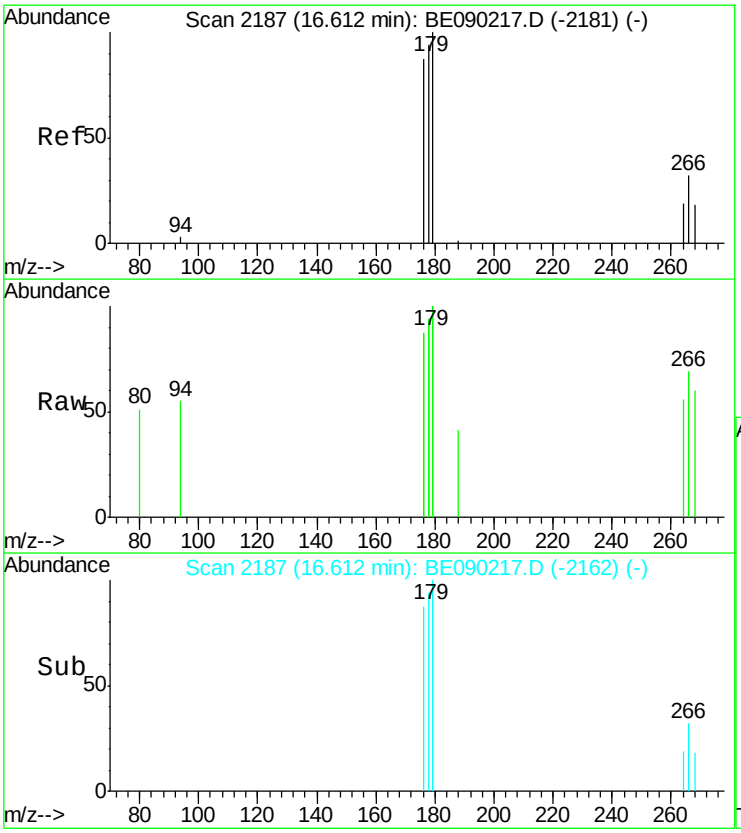
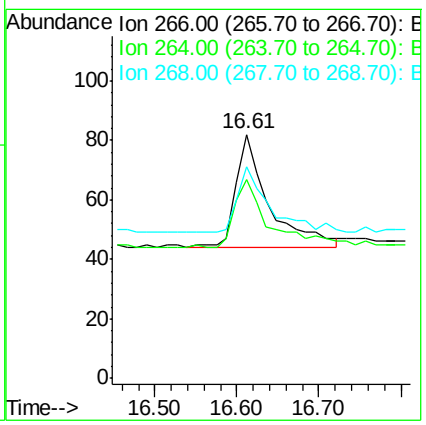
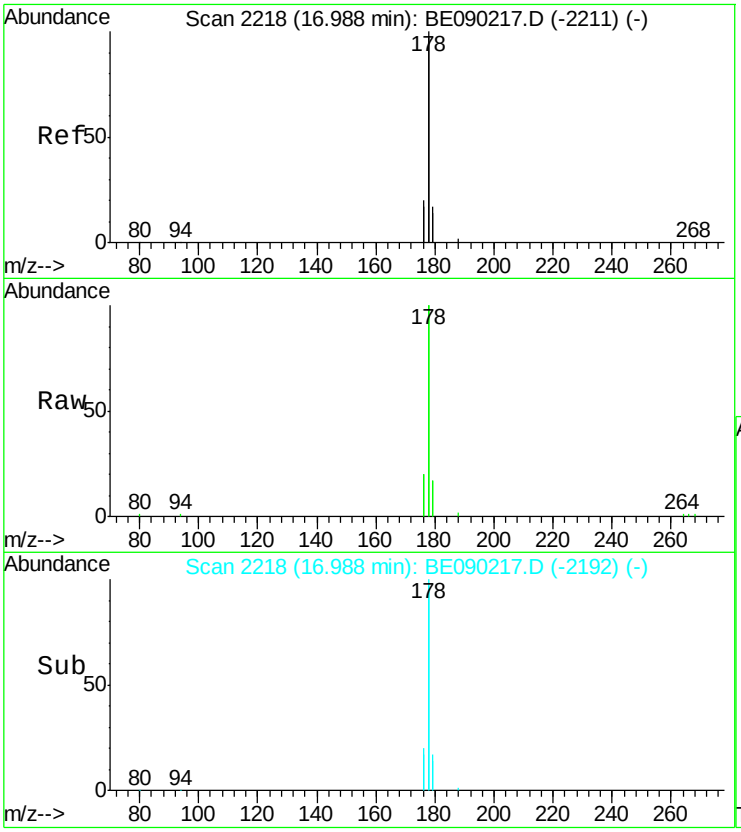


#11
Pentachlorophenol
Concen: 0.30 ng/ul
RT: 16.61 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:266 Resp: 106

Ion	Ratio	Lower	Upper
266	100		
264	68.9	51.6	77.4
268	56.6	41.3	61.9

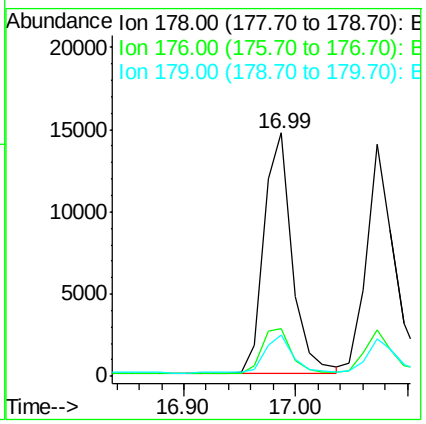




#12
Phenanthrene
Concen: 0.38 ng/ul
RT: 16.99 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:178 Resp: 25422

Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.6	26.4
179	17.2	12.2	18.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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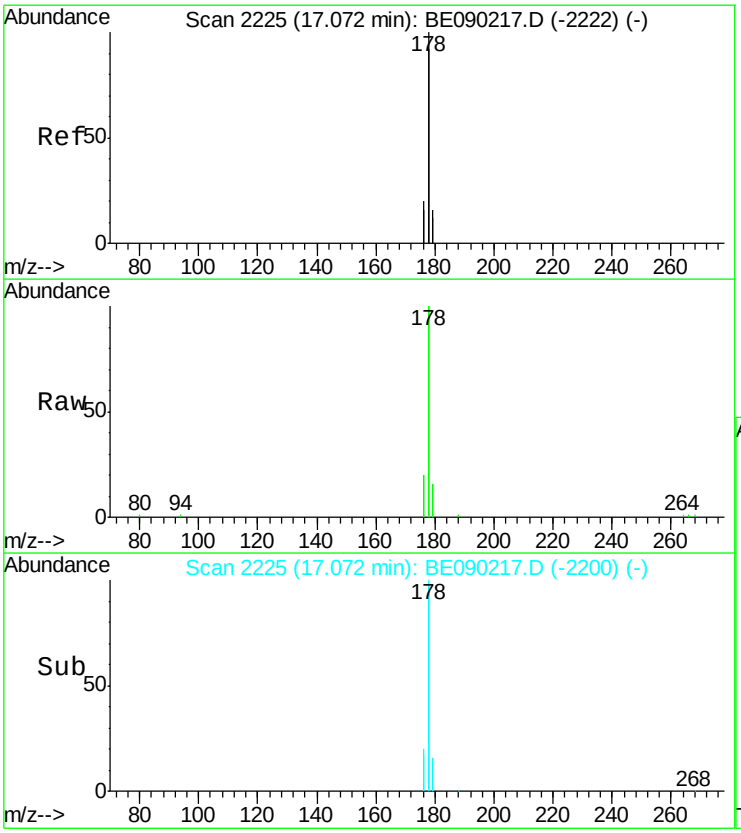
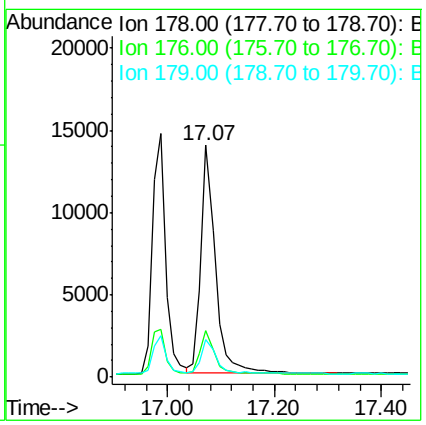
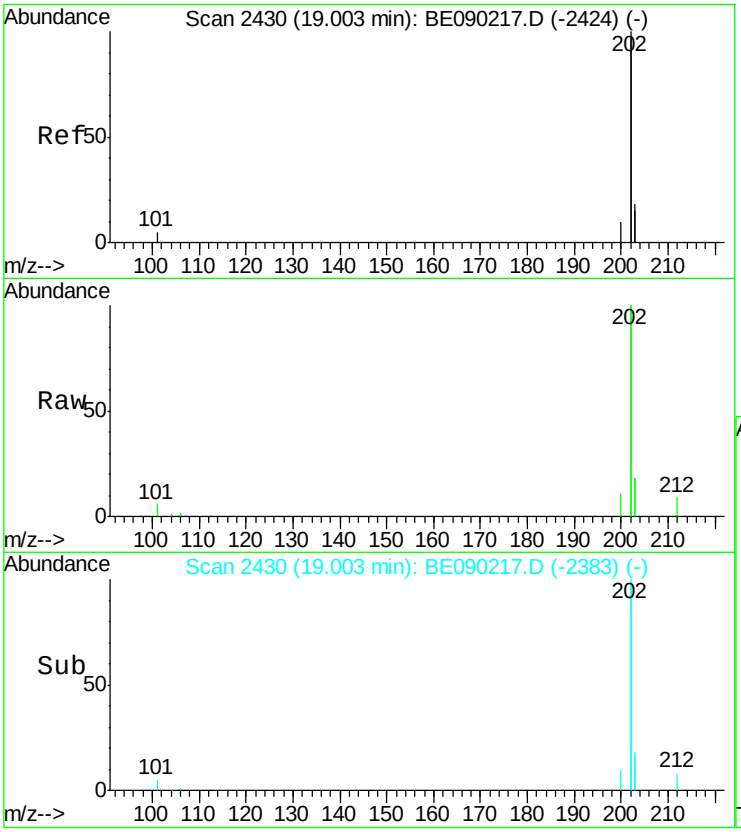


#13
Anthracene
Concen: 0.40 ng/ul
RT: 17.07 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:178 Resp: 25288

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	16.1	13.3	19.9

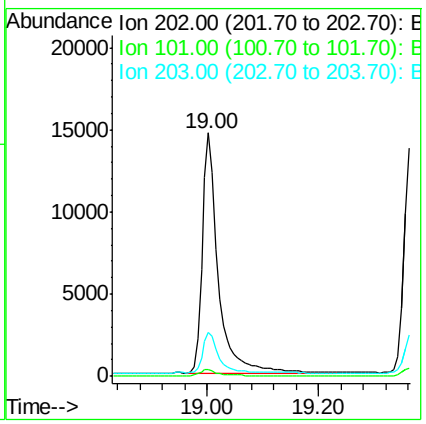




#15
Fluoranthene
Concen: 0.38 ng/ul
RT: 19.00 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:202 Resp: 28820

Ion	Ratio	Lower	Upper
202	100		
101	2.8	0.0	23.0
203	17.8	0.0	37.8



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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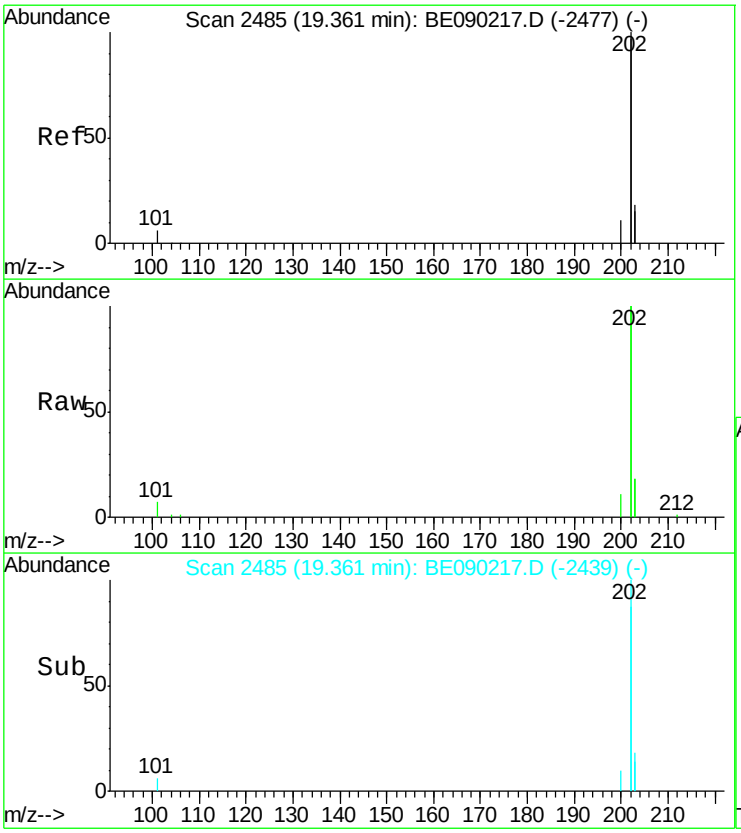
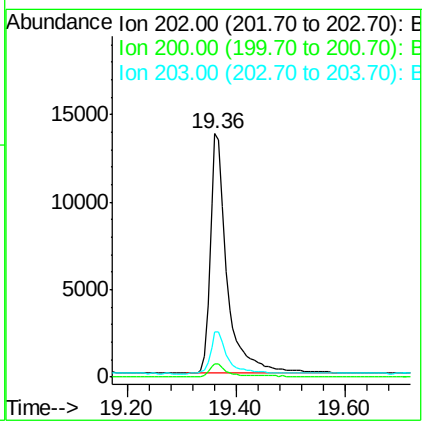
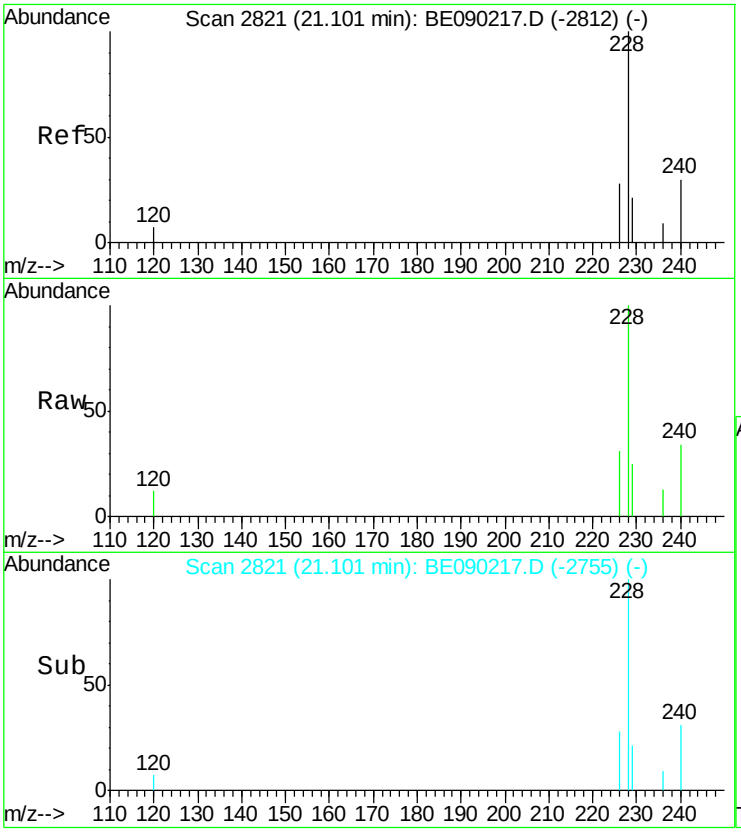


#17
Pyrene
Concen: 0.45 ng/ul
RT: 19.36 min Scan# 2485
Delta R.T. -0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:202 Resp: 29354

Ion	Ratio	Lower	Upper
202	100		
200	5.7	4.4	6.6
203	18.3	14.6	22.0

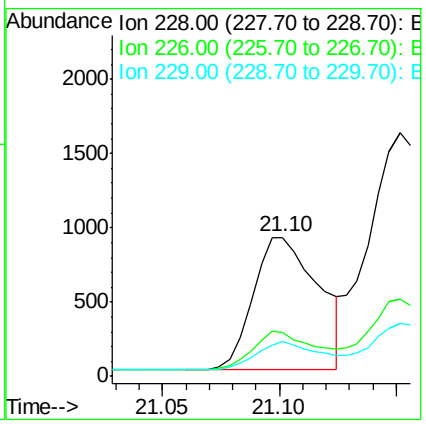




#18
Benzo(a)anthracene
Concen: 0.28 ng/ul
RT: 21.10 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:228 Resp: 1731

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	25.1	17.9	26.9



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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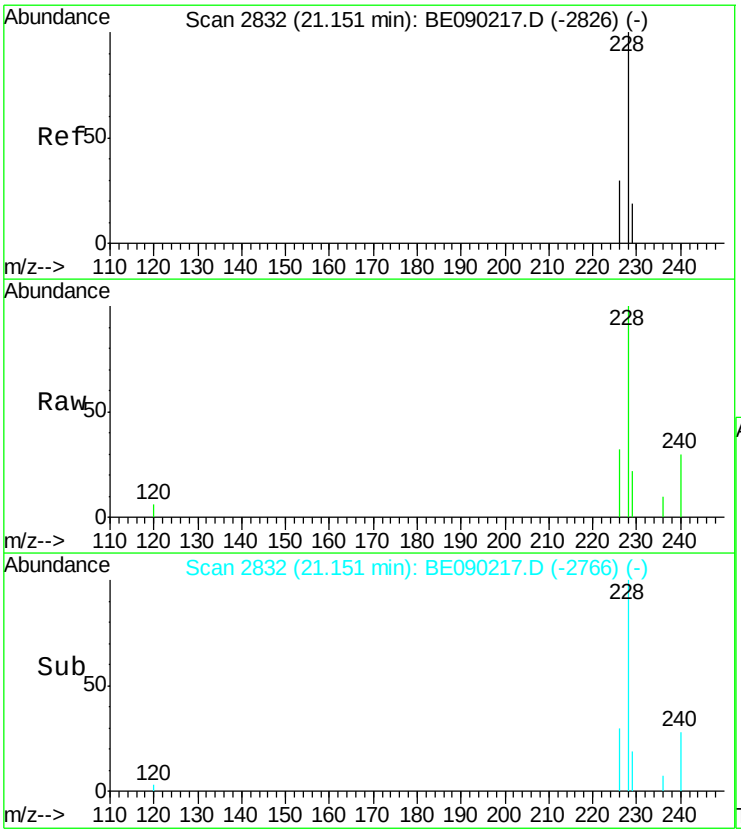
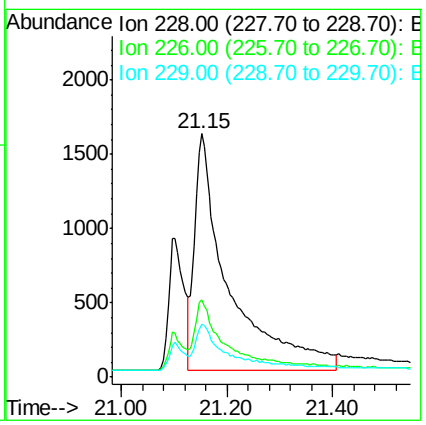
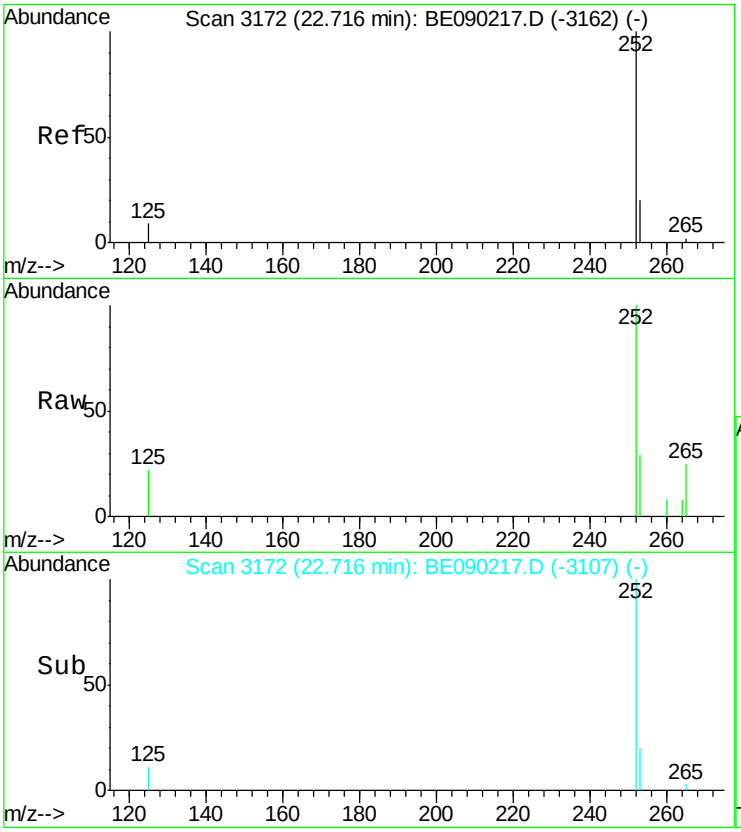


#19
Chrysene
Concen: 0.45 ng/ul m
RT: 21.15 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:228 Resp: 7263

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	36.8
229	21.5	17.4	26.2





#21
Benzo(b)fluoranthene
Concen: 0.37 ng/ul
RT: 22.72 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:252 Resp: 1000

Ion	Ratio	Lower	Upper
252	100		
253	29.4	0.0	56.8
125	21.7	0.0	37.0

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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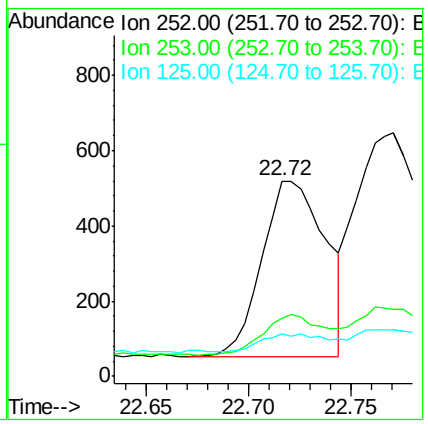
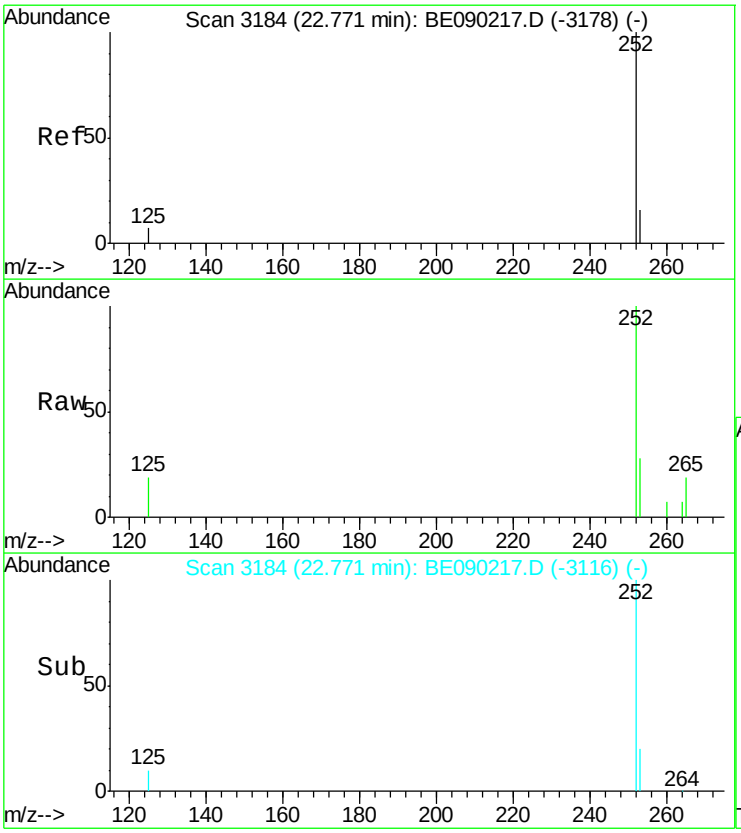
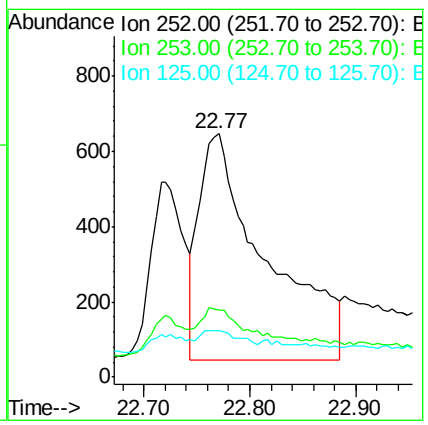


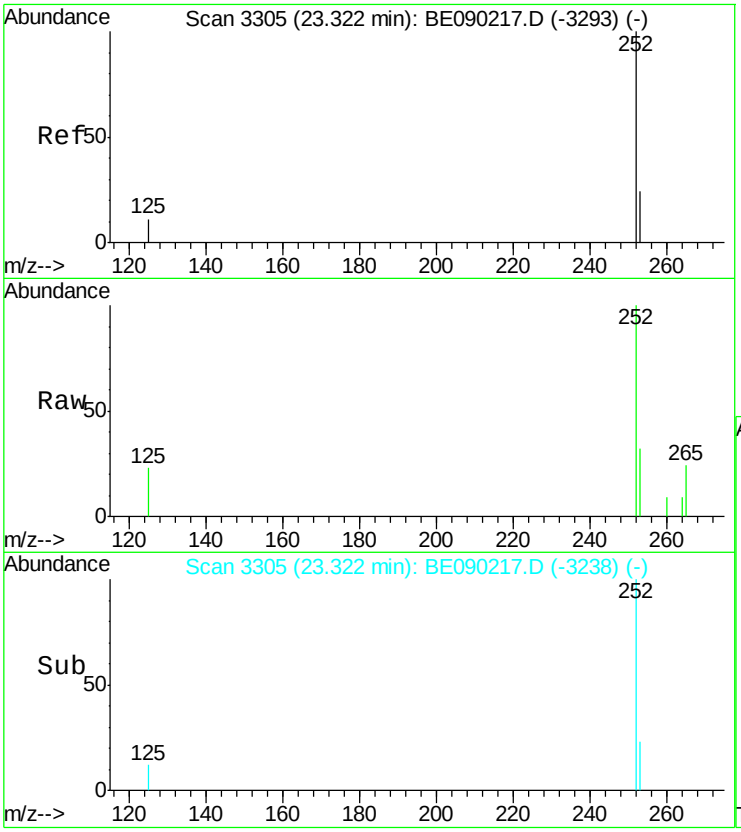


#22
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 22.77 min Scan# 3184
Delta R.T. 0.01 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:252 Resp: 2637

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.5	29.3
125	19.2	11.9	17.9#





#23
Benzo(a)pyrene
Concen: 0.35 ng/ul
RT: 23.32 min Scan# 3305
Delta R.T. 0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:252 Resp: 1456

Ion	Ratio	Lower	Upper
252	100		
253	32.5	23.7	35.5
125	23.3	15.4	23.2#

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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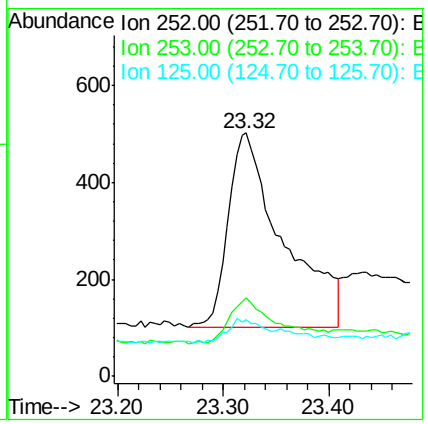
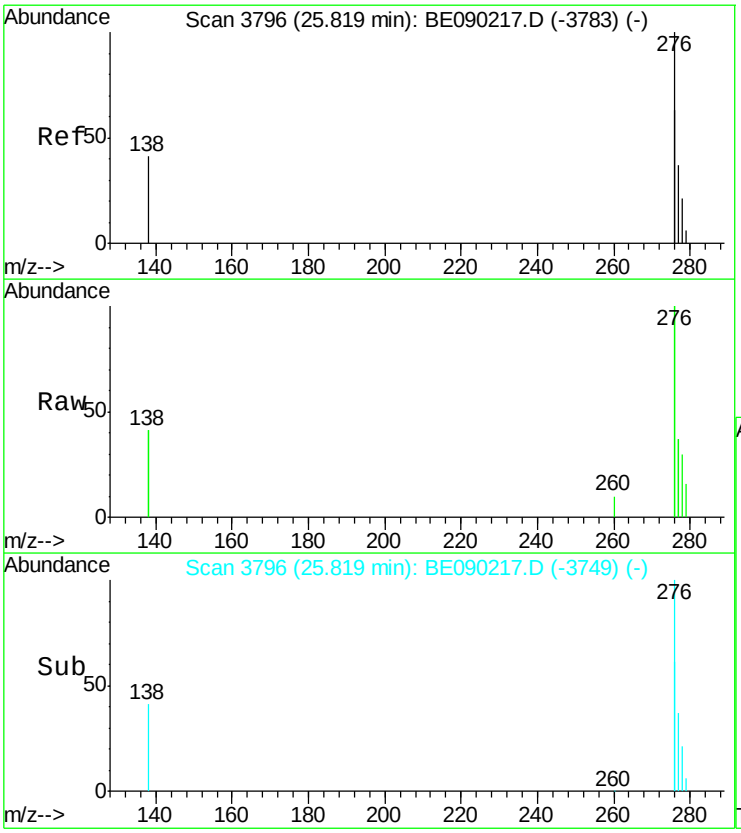
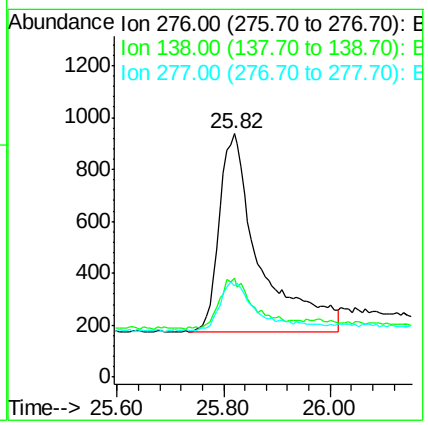


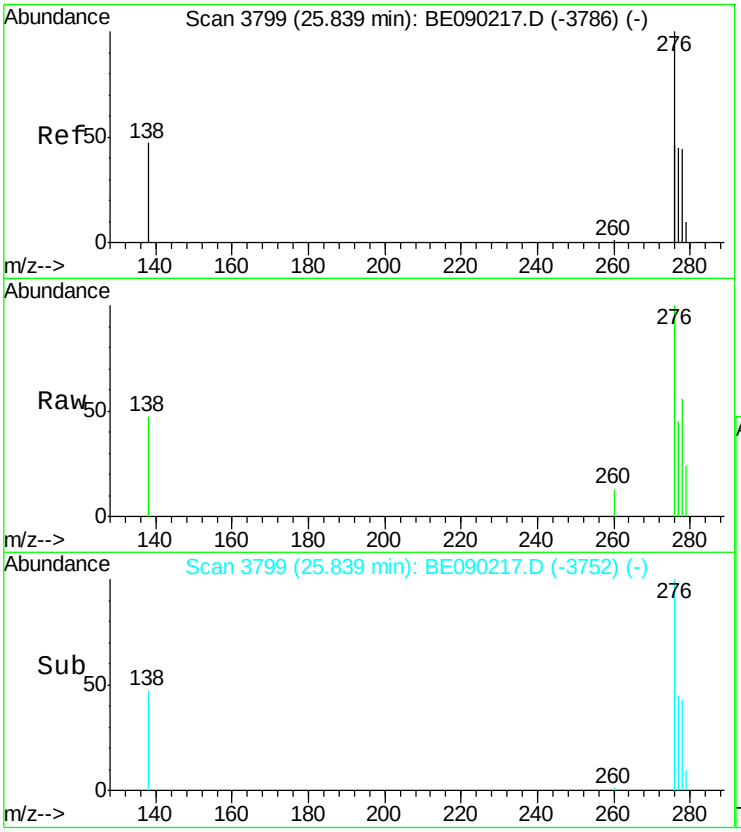


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng/ul
RT: 25.82 min Scan# 3796
Delta R.T. 0.01 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:276 Resp: 4030

Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.9	25.3
277	24.0	17.0	25.4

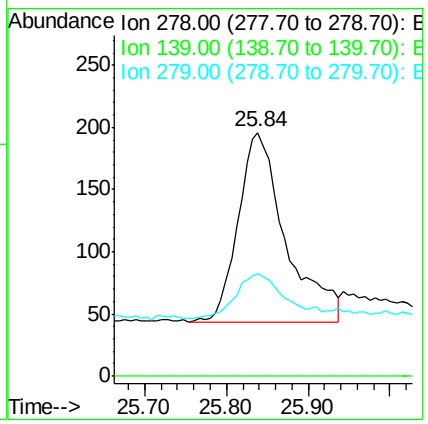




#25
Dibenzo(a,h)anthracene
Concen: 0.31 ng/ul
RT: 25.84 min Scan# 3799
Delta R.T. 0.01 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

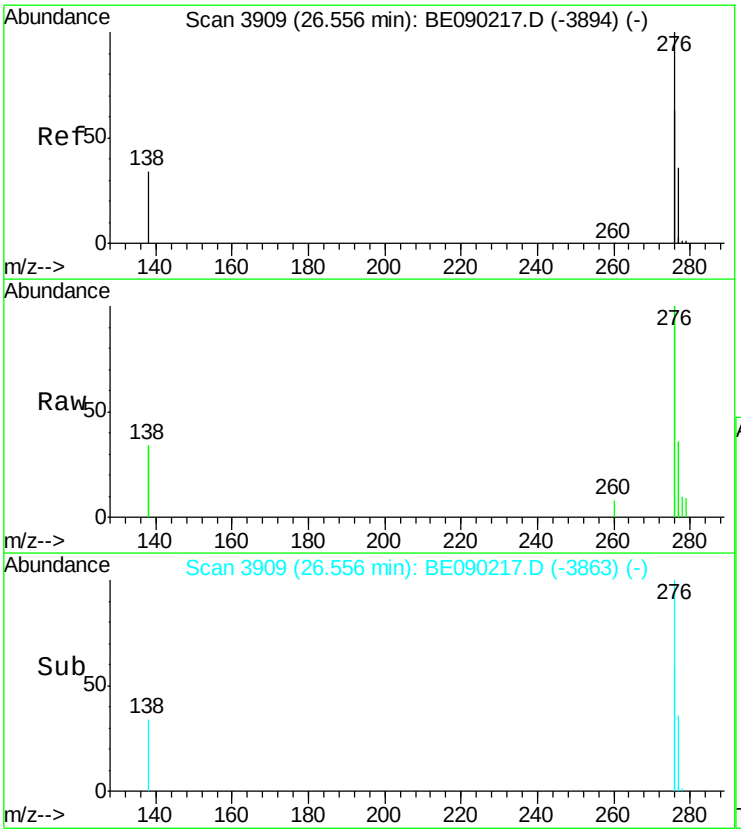
Tgt Ion:278 Resp: 620

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	42.3	30.1	45.1



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
apatel
7/22/2015 3:26:22 PM



#26
Benzo(g,h,i)perylene
Concen: 0.31 ng/ul
RT: 26.56 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BE090217.D
Acq: 22 Jul 2015 1:59

Tgt Ion:276 Resp: 5433

Ion	Ratio	Lower	Upper
276	100		
277	36.0	24.6	36.8
138	33.9	23.5	35.3