Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112817\
Data File : BE094884.D
Acq On : 28 Nov 2017 15:11
Operator : SJ/JU
Sample : I6496-05DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
Sohil
11/29/2017 5:15:02 PM

Quant Time: Nov 29 01:54:11 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 29 01:10:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	579	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.71	136	3943	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	2777	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	6619	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	6784	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	6983	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.34	152	261	0.04	ng/ul	0.04
14) Fluoranthene-d10	19.28	212	801	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	204	0.022	ng/ul#	32
7) Acenaphthylene	14.24	152	293	0.023	ng/ul#	55
12) Phenanthrene	17.29	178	3025	0.170	ng/ul	96
13) Anthracene	17.38	178	755m	0.042	ng/ul	
15) Fluoranthene	19.31	202	9439	0.405	ng/ul	83
17) Pyrene	19.67	202	8327	0.392	ng/ul#	78
18) Benzo(a)anthracene	21.41	228	5238	0.254	ng/ul#	90
19) Chrysene	21.46	228	5535	0.269	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	7908m	0.380	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	3200m	0.145	ng/ul	
23) Benzo(a)pyrene	23.84	252	4973	0.240	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.67	276	3800	0.169	ng/ul#	71
25) Dibenzo(a,h)anthracene	26.66	278	1061	0.056	ng/ul#	77
26) Benzo(g,h,i)perylene	27.52	276	3068	0.162	ng/ul#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112817\
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Sample : I6496-05DL 5X
Misc :
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QLast Update : Wed Nov 29 01:10:42 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
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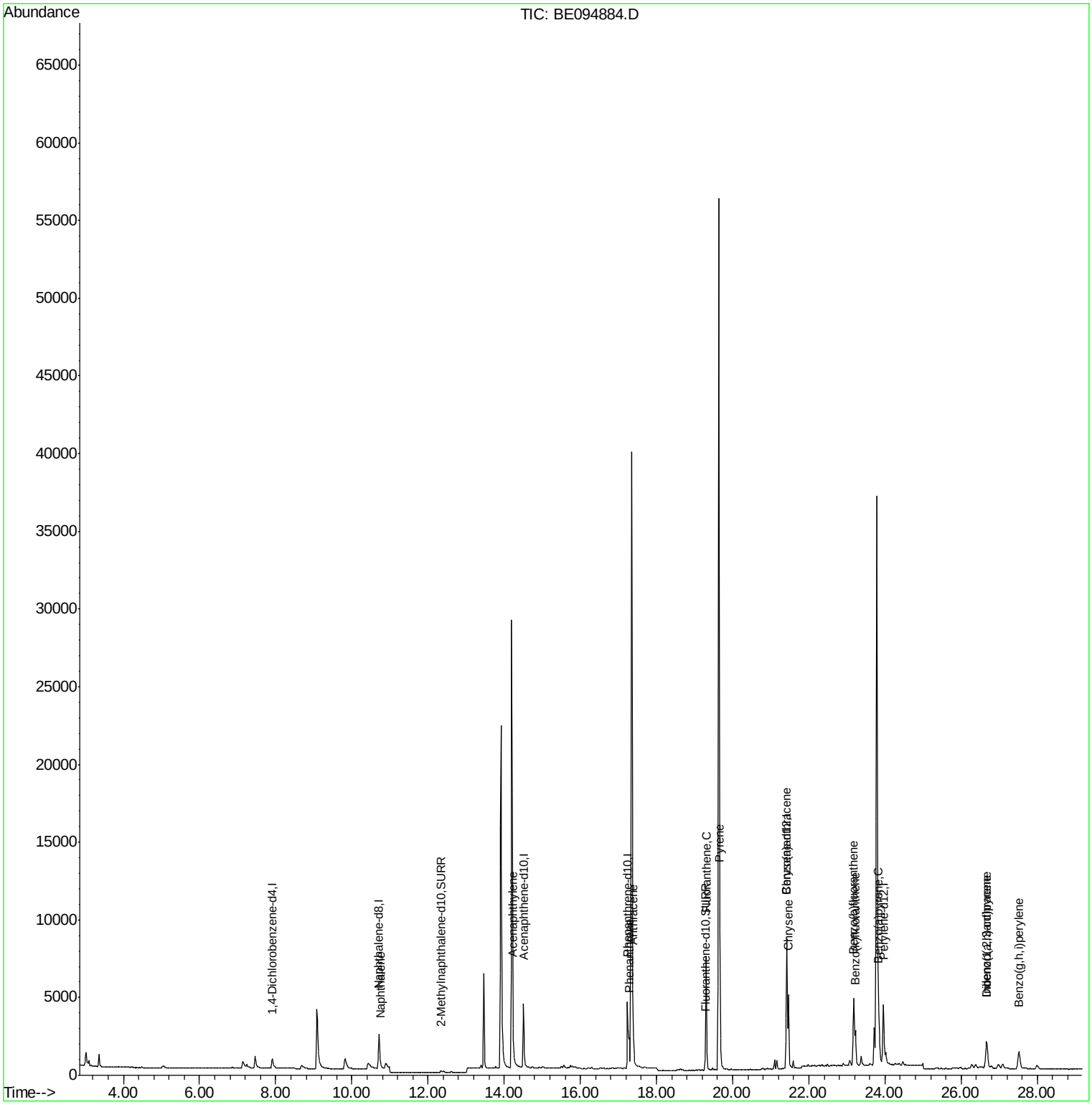

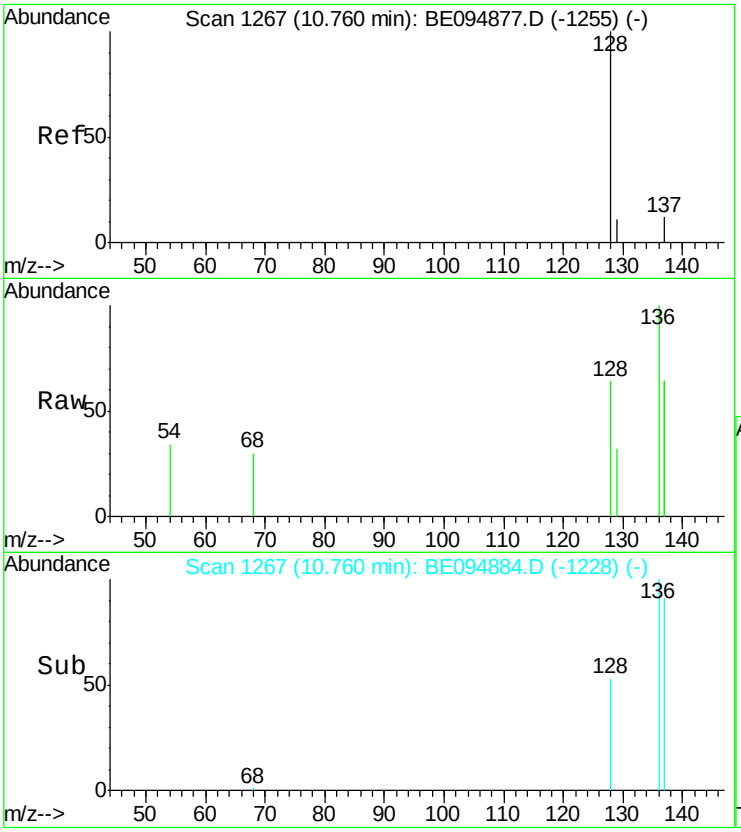

#3
Naphthalene
Concen: 0.022 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:128 Resp: 204

Ion	Ratio	Lower	Upper
128	100		
129	49.6	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
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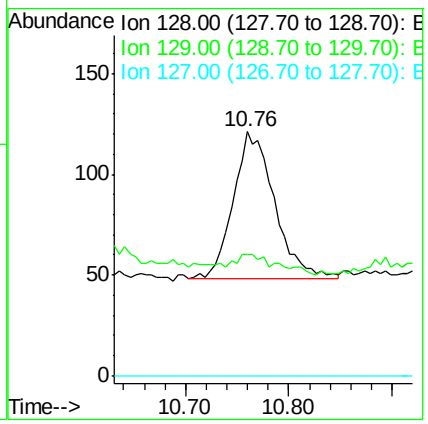
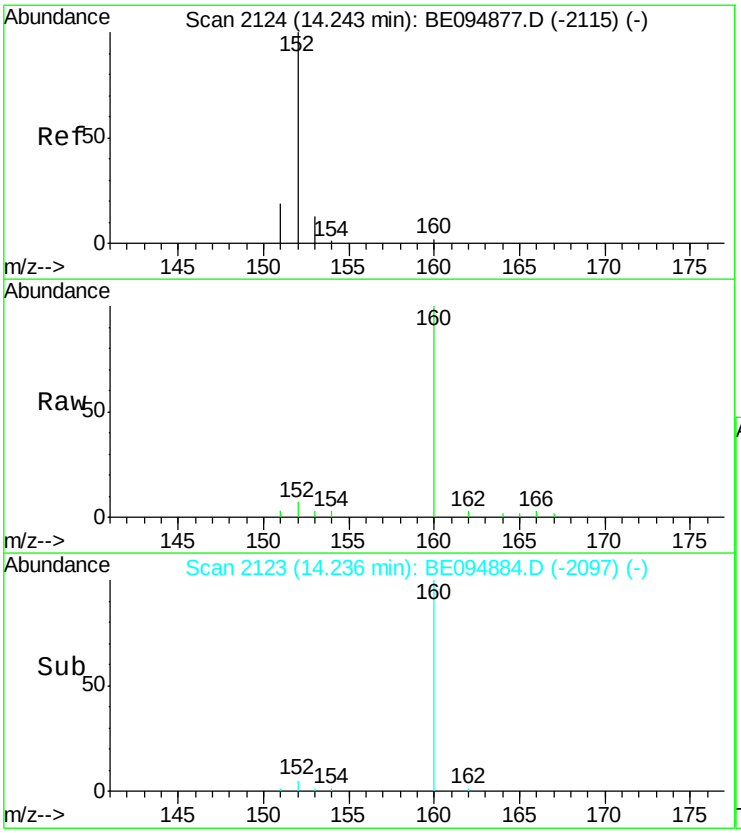
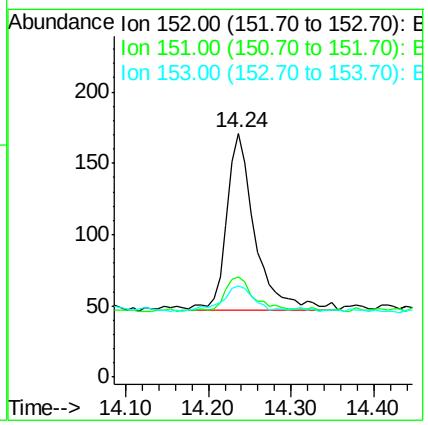


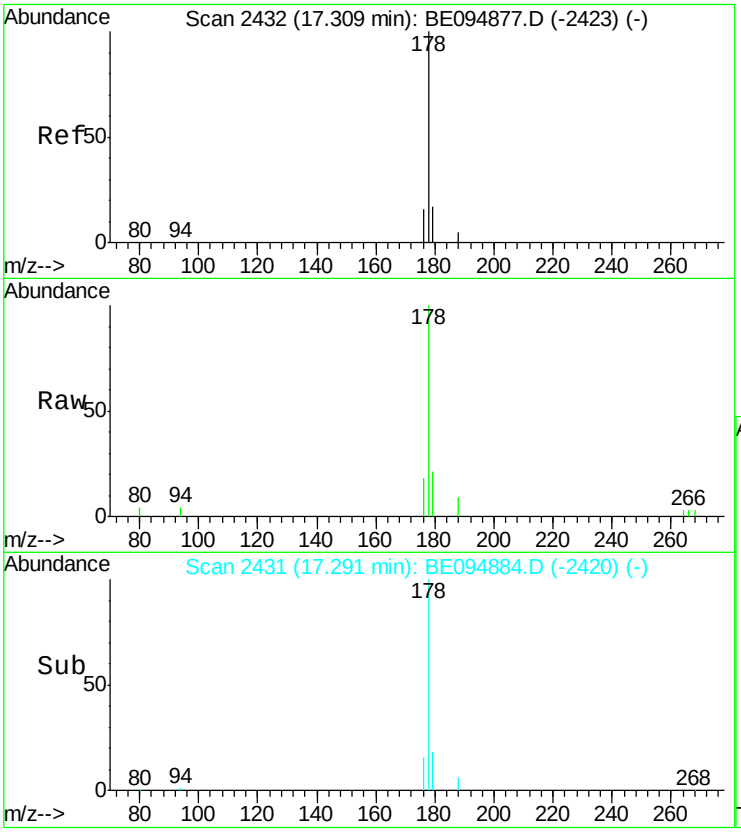


#7
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:152 Resp: 293

Ion	Ratio	Lower	Upper
152	100		
151	40.9	17.1	25.7#
153	37.4	12.8	19.2#

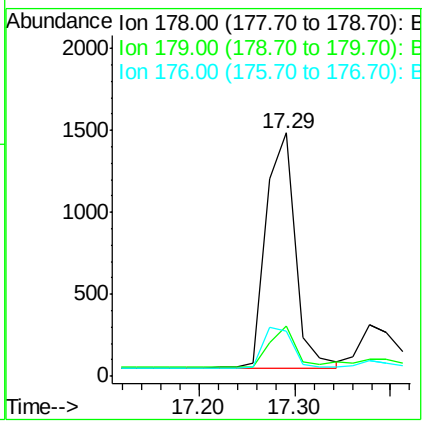




#12
Phenanthrene
Concen: 0.170 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:178 Resp: 3025

Ion	Ratio	Lower	Upper
178	100		
179	20.5	18.4	27.6
176	18.3	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
C0AB5DL

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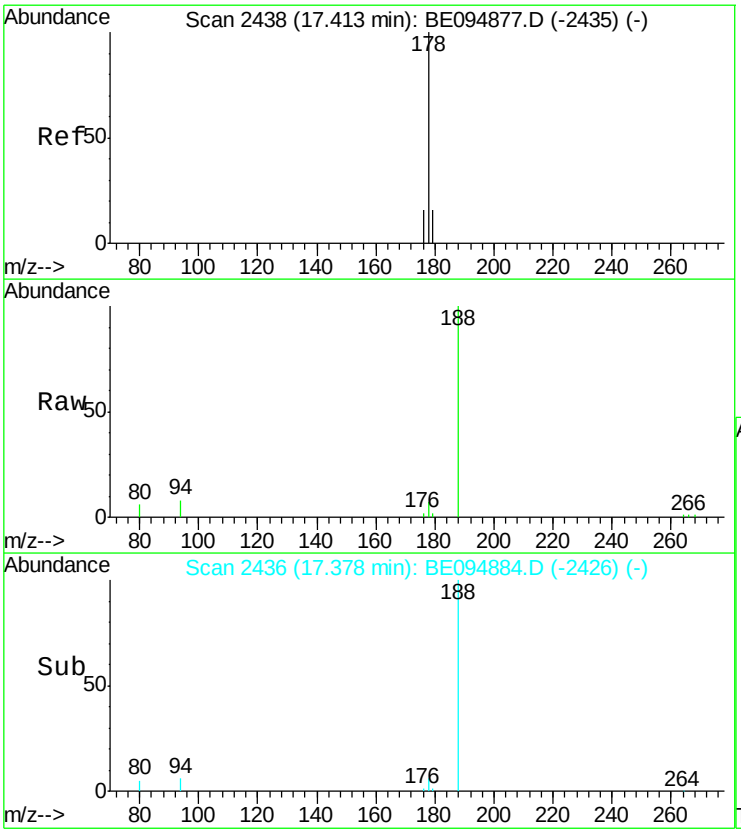
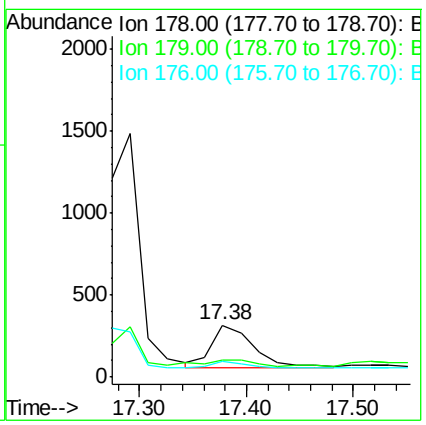
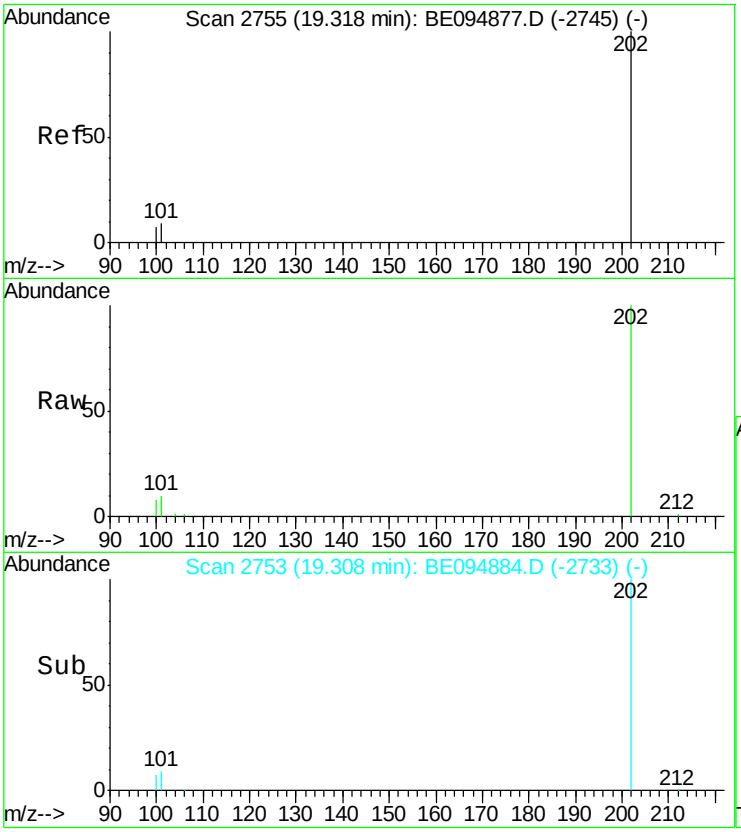


#13
Anthracene
Concen: 0.042 ng/ul m
RT: 17.38 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:178 Resp: 755

Ion	Ratio	Lower	Upper
178	100		
179	31.8	18.1	27.1#
176	31.1	14.7	22.1#

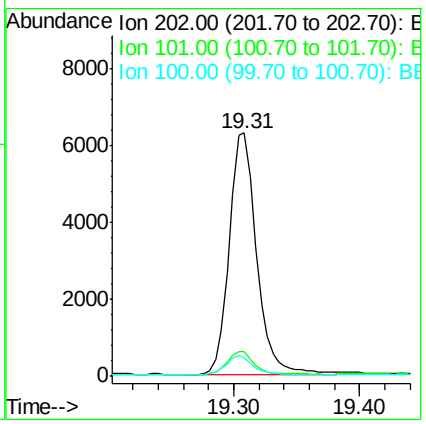




#15
Fluoranthene
Concen: 0.405 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:202 Resp: 9439

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
100	7.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
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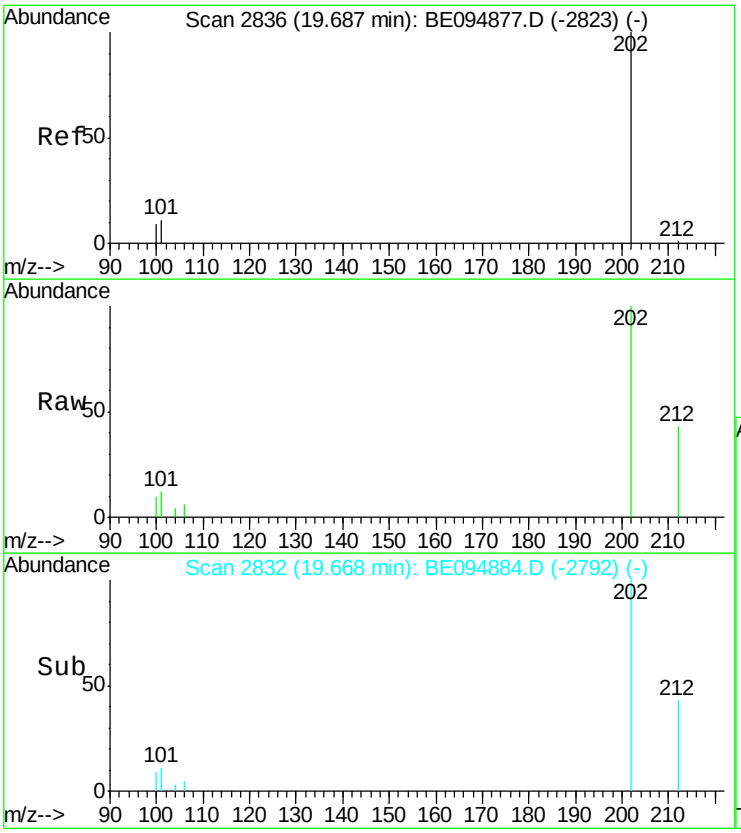
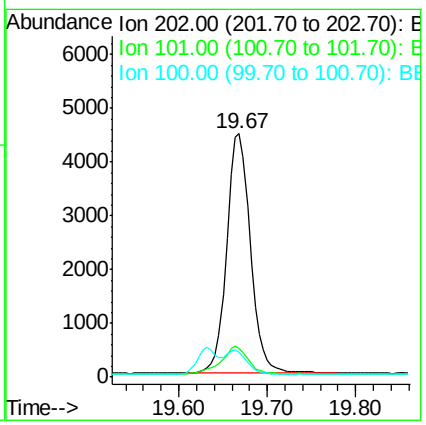
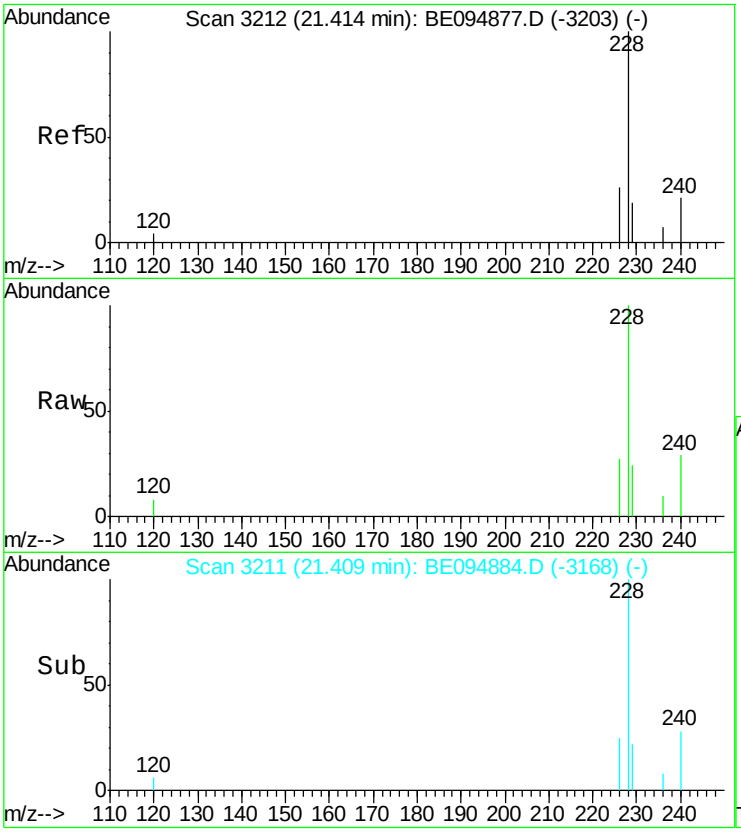


#17
Pyrene
Concen: 0.392 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:202 Resp: 8327

Ion	Ratio	Lower	Upper
202	100		
101	11.7	18.2	27.4#
100	10.3	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.254 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:228 Resp: 5238

Ion	Ratio	Lower	Upper
228	100		
229	24.0	22.8	34.2
226	27.2	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0AB5DL

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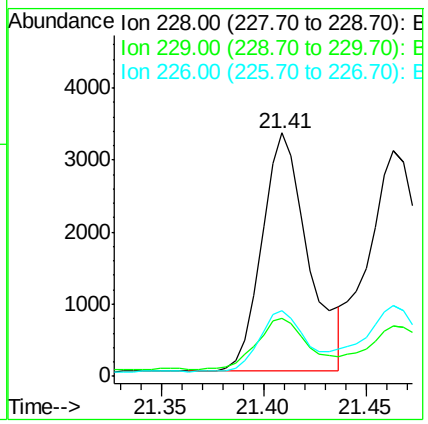
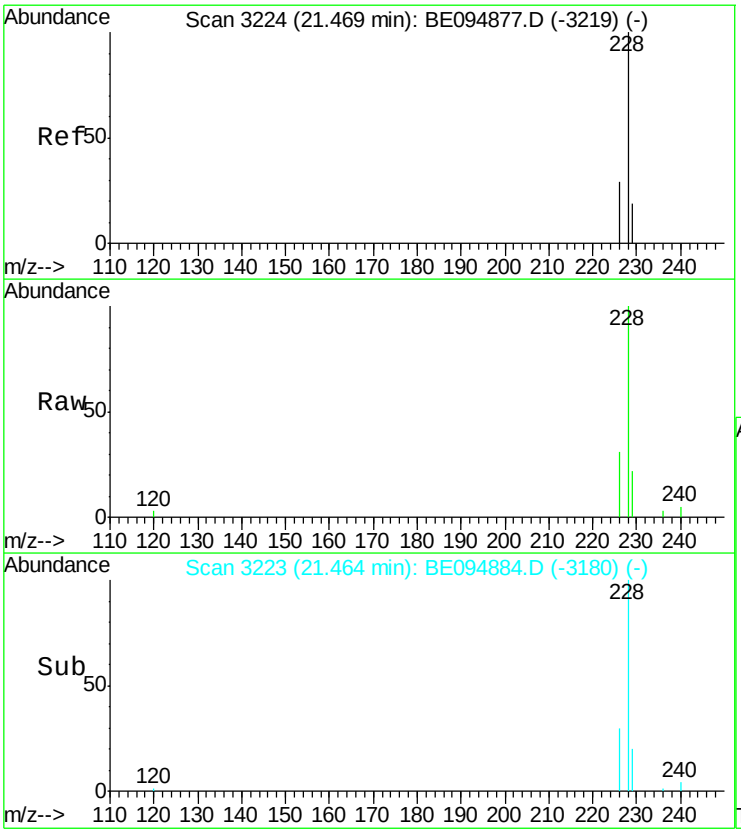
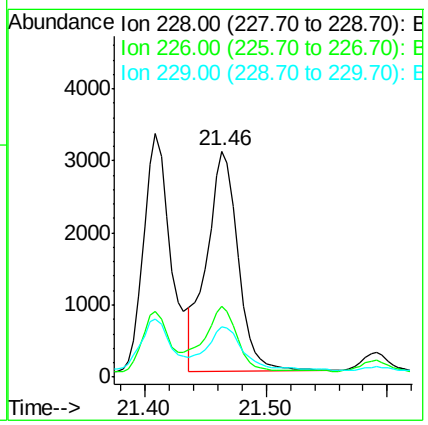


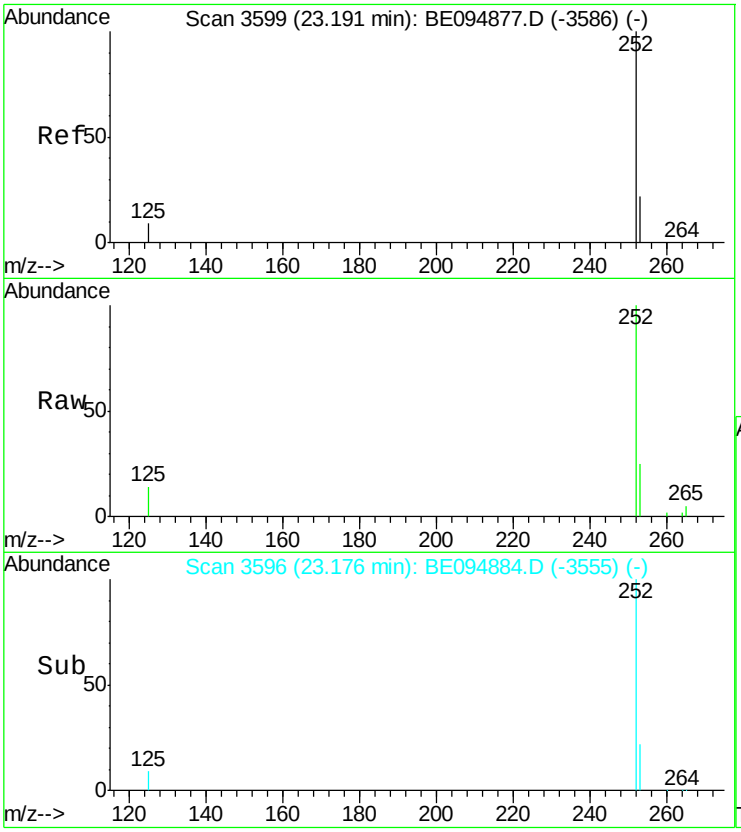


#19
Chrysene
Concen: 0.269 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:228 Resp: 5535

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	22.3	17.7	26.5

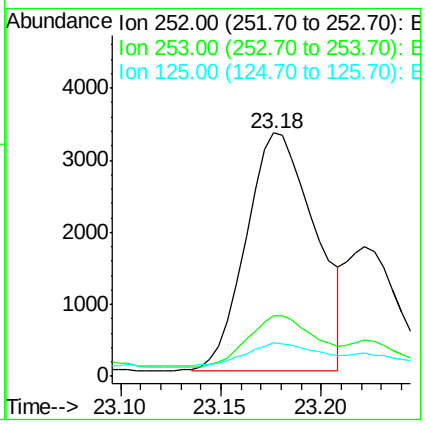




#21
Benzo(b)fluoranthene
Concen: 0.380 ng/ul m
RT: 23.18 min Scan# 3596
Delta R.T. -0.01 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:252 Resp: 7908

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	64.2
125	13.7	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AB5DL

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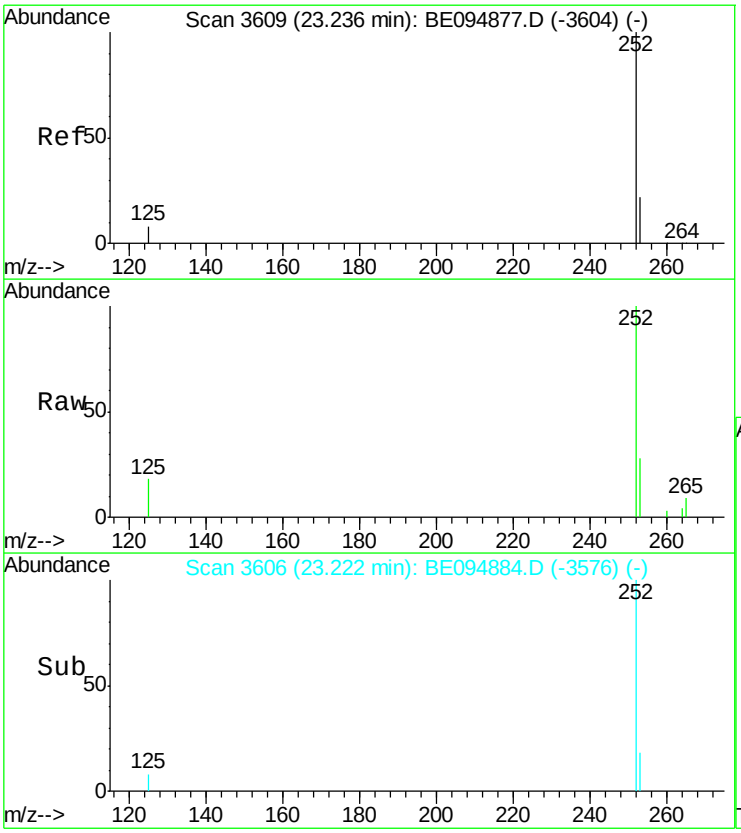
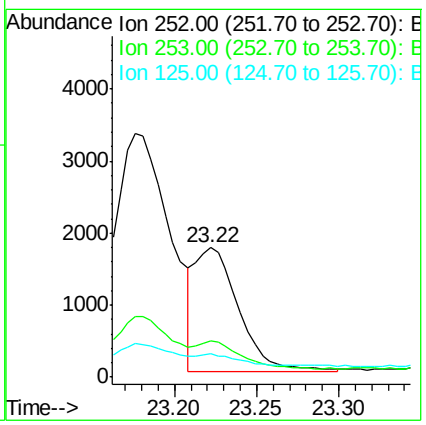
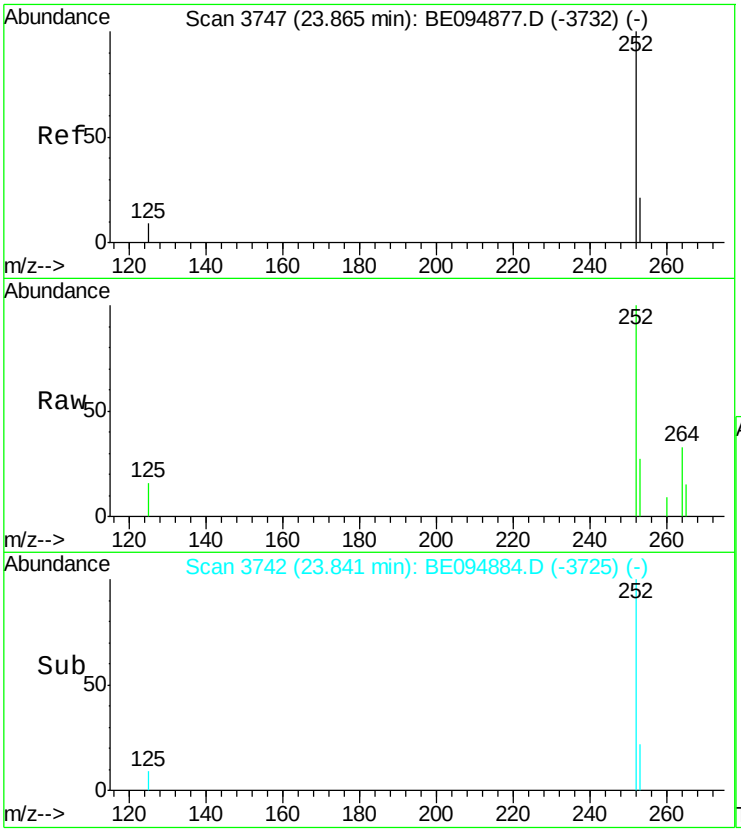


#22
Benzo(k)fluoranthene
Concen: 0.145 ng/ul m
RT: 23.22 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:252 Resp: 3200

Ion	Ratio	Lower	Upper
252	100		
253	28.2	24.5	36.7
125	18.2	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.240 ng/ul
RT: 23.84 min Scan# 3742
Delta R.T. -0.02 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:252 Resp: 4973

Ion	Ratio	Lower	Upper
252	100		
253	26.7	28.5	42.7#
125	16.0	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
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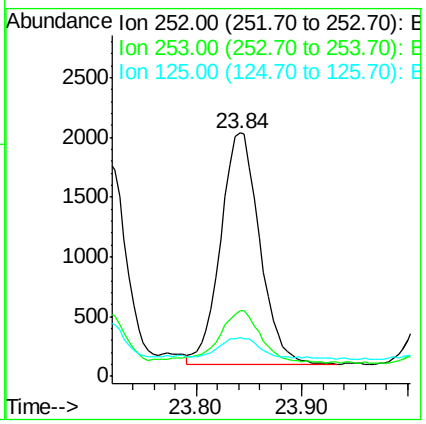
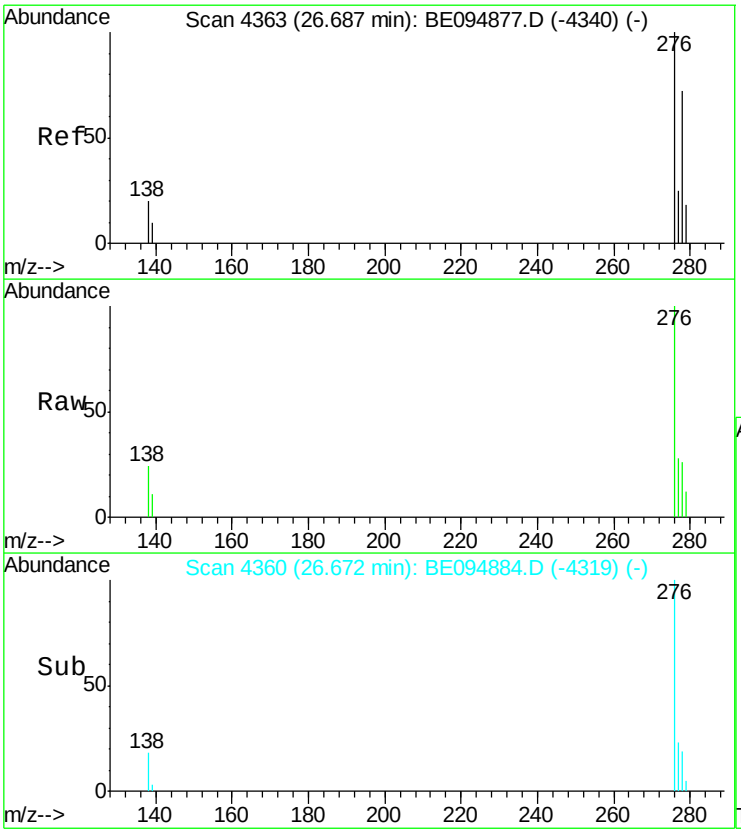
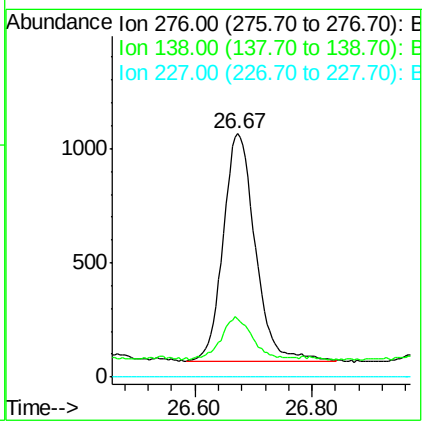


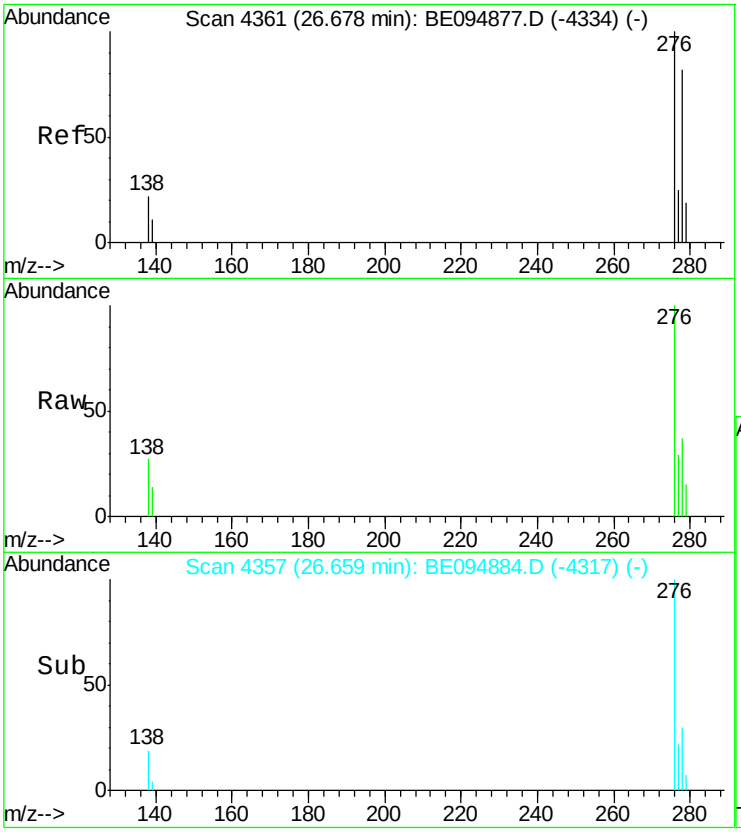


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.169 ng/ul
RT: 26.67 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:276 Resp: 3800

Ion	Ratio	Lower	Upper
276	100		
138	17.8	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.02 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:278 Resp: 1061

Ion	Ratio	Lower	Upper
278	100		
139	37.3	17.4	26.0#
279	41.2	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
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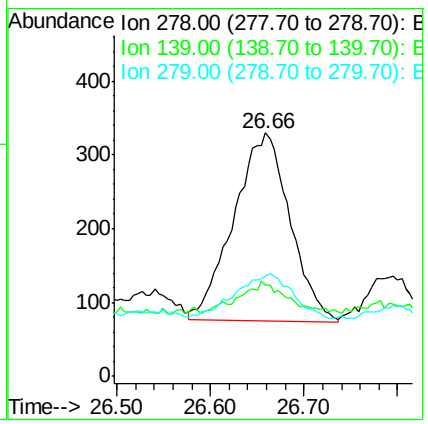

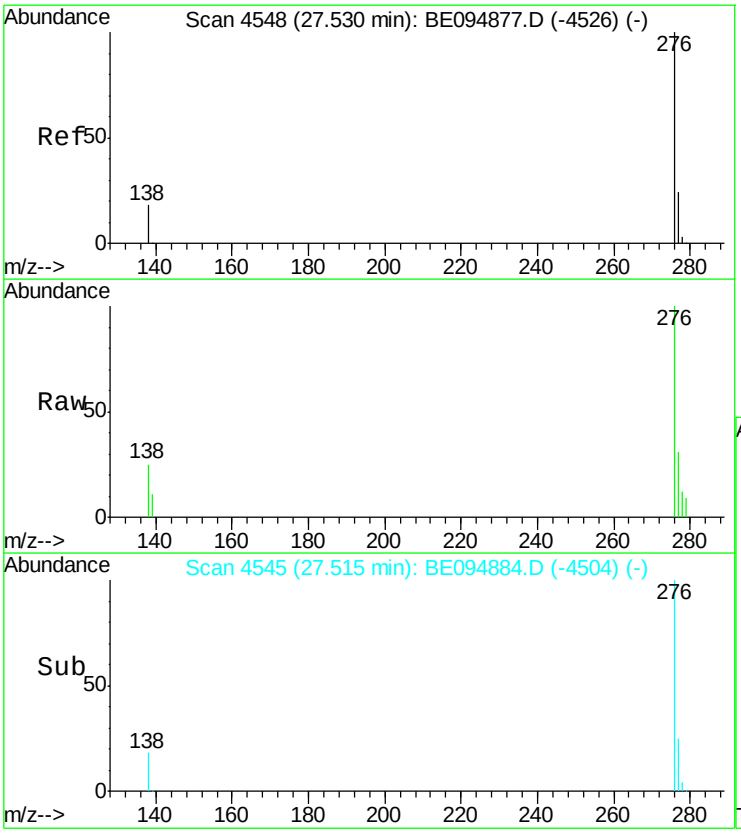

#26
Benzo(g,h,i)perylene
Concen: 0.162 ng/ul
RT: 27.52 min Scan# 4545
Delta R.T. -0.01 min
Lab File: BE094884.D
Acq: 28 Nov 2017 15:11

Tgt Ion:276 Resp: 3068

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.8	32.8
277	30.8	20.5	30.7#