Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
Data File : BE093827.D
Acq On : 16 Aug 2017 3:14
Operator : SJ/JU
Sample : I4557-02DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
Sohil
8/16/2017 6:43:17 PM

Quant Time: Aug 16 08:35:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2540	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13419	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8158	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18765	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20021	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19461	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	957	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2764	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	6443	0.197	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	10523	0.442	ng/ul	99
7) Acenaphthylene	14.24	152	739	0.022	ng/ul#	33
8) Acenaphthene	14.58	153	1616	0.060	ng/ul	93
9) Fluorene	15.57	166	7917	0.233	ng/ul	93
12) Phenanthrene	17.29	178	14110	0.276	ng/ul	93
13) Anthracene	17.38	178	4231m	0.085	ng/ul	
15) Fluoranthene	19.30	202	8152	0.128	ng/ul	83
17) Pyrene	19.66	202	11318	0.194	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	3514	0.061	ng/ul#	75
19) Chrysene	21.44	228	3532	0.063	ng/ul#	73
21) Benzo(b)fluoranthene	23.14	252	2963m	0.049	ng/ul	
23) Benzo(a)pyrene	23.80	252	2689	0.047	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	26.55	276	1307	0.021	ng/ul#	93
26) Benzo(g,h,i)perylene	27.37	276	1136	0.021	ng/ul#	61

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
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Misc :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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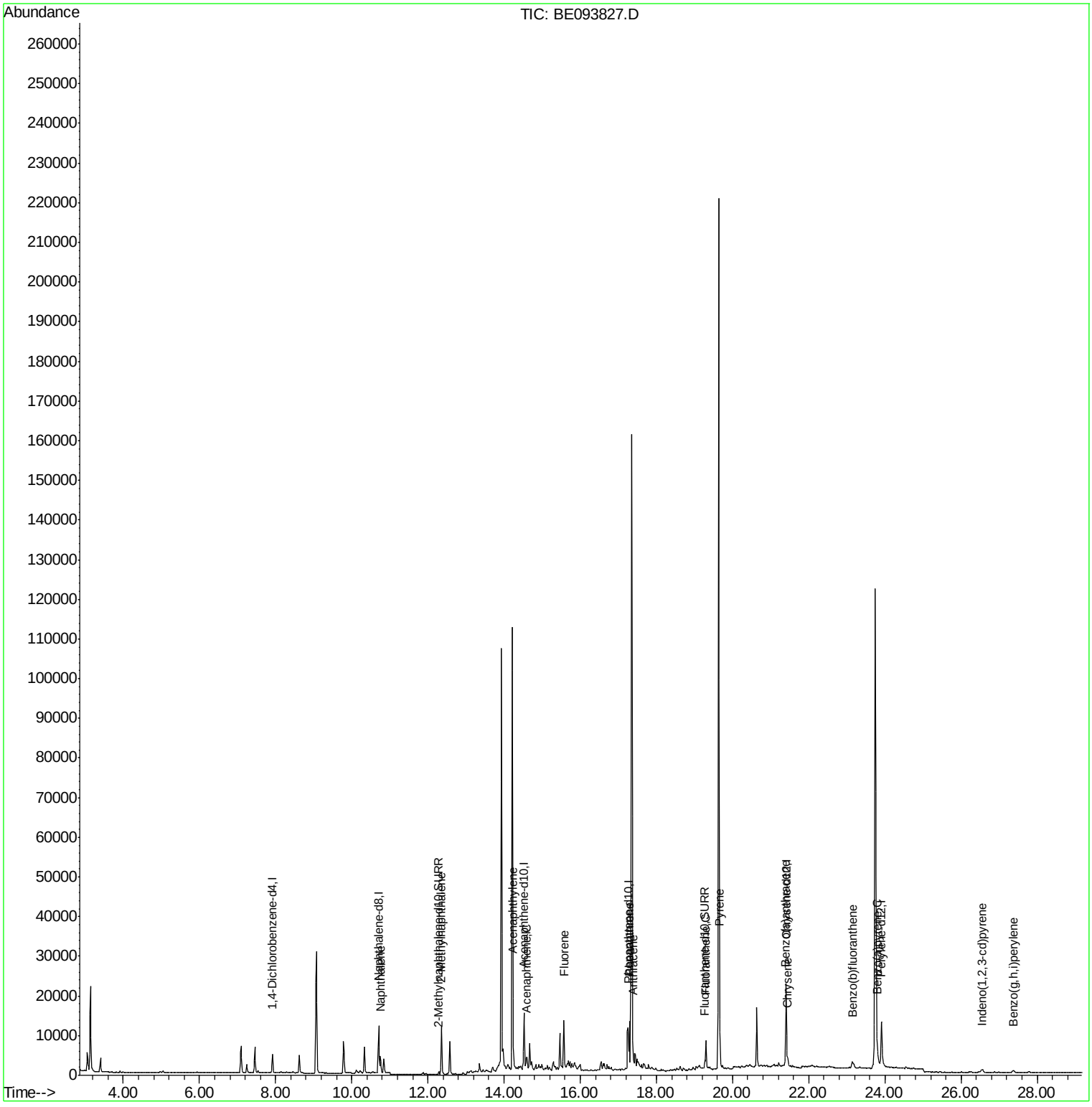

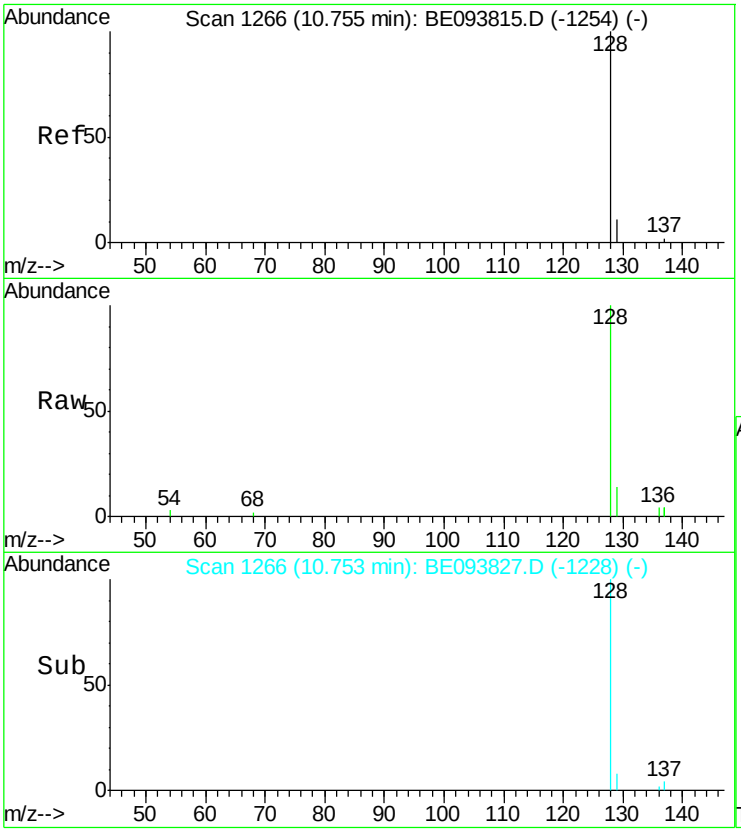

#3
Naphthalene
Concen: 0.197 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:128 Resp: 6443

Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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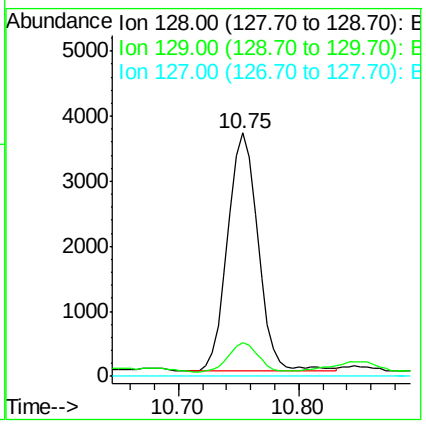
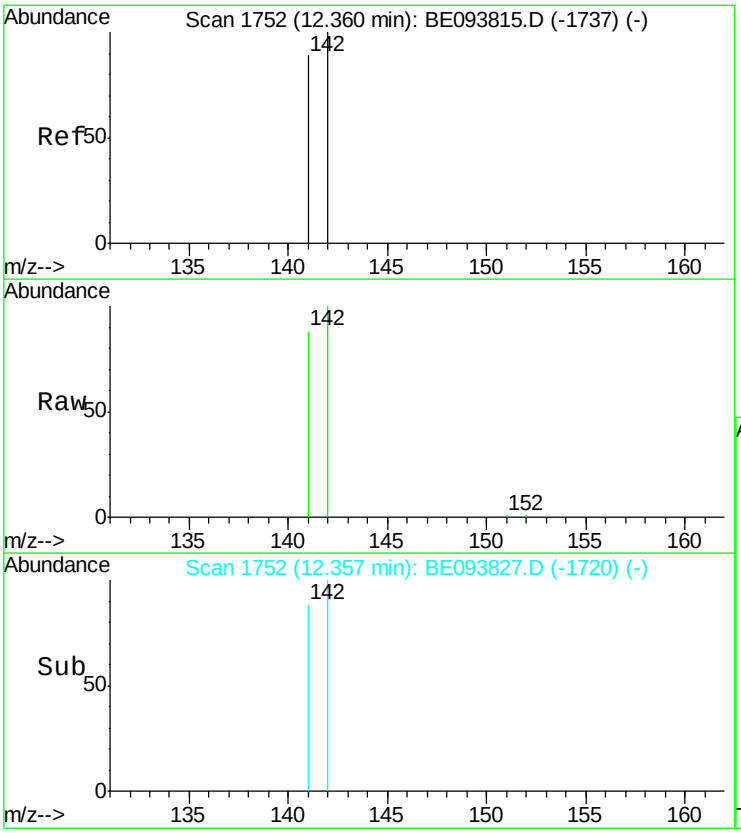
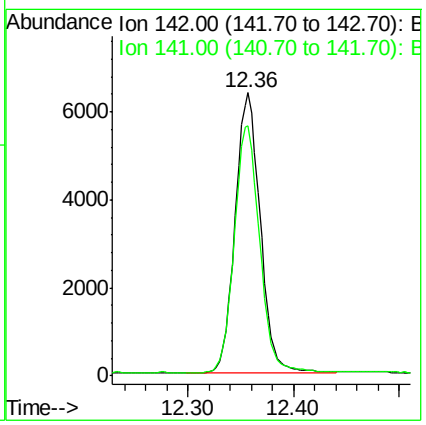


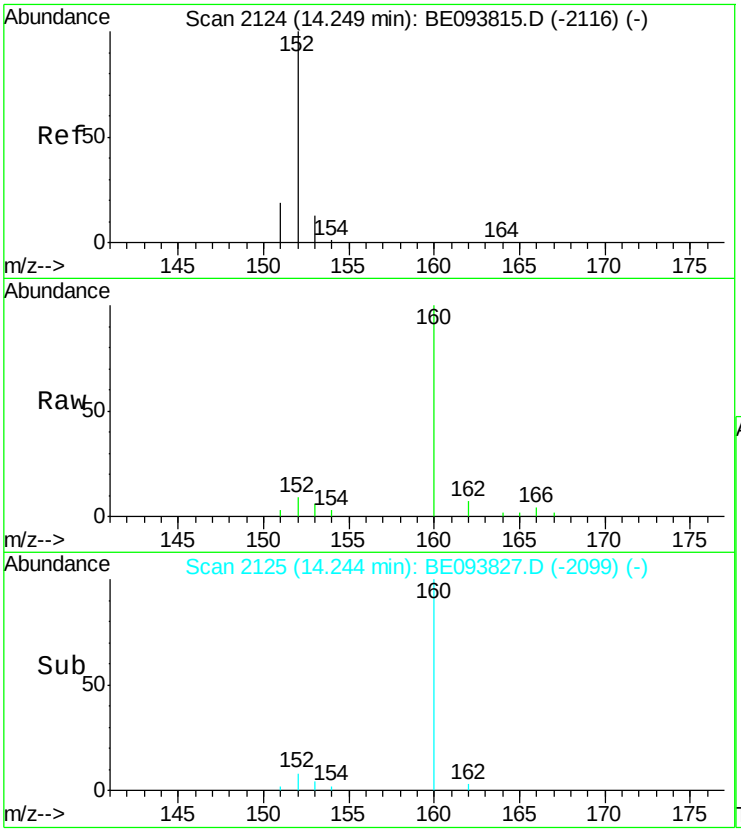


#5
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.36 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:142 Resp: 10523

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8





#7
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.24 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:152 Resp: 739

Ion	Ratio	Lower	Upper
152	100		
151	37.1	17.1	25.7#
153	63.5	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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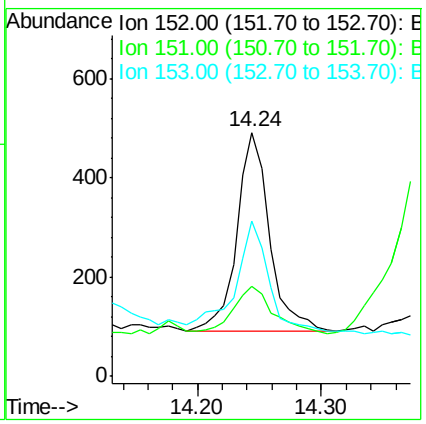
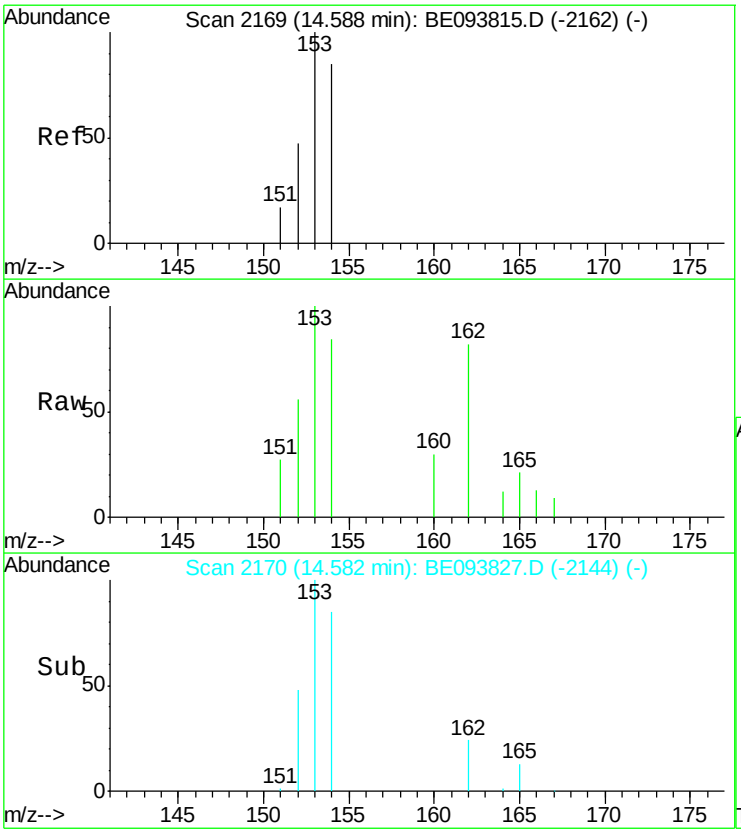
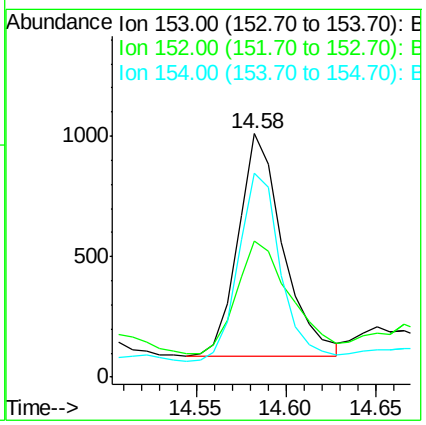


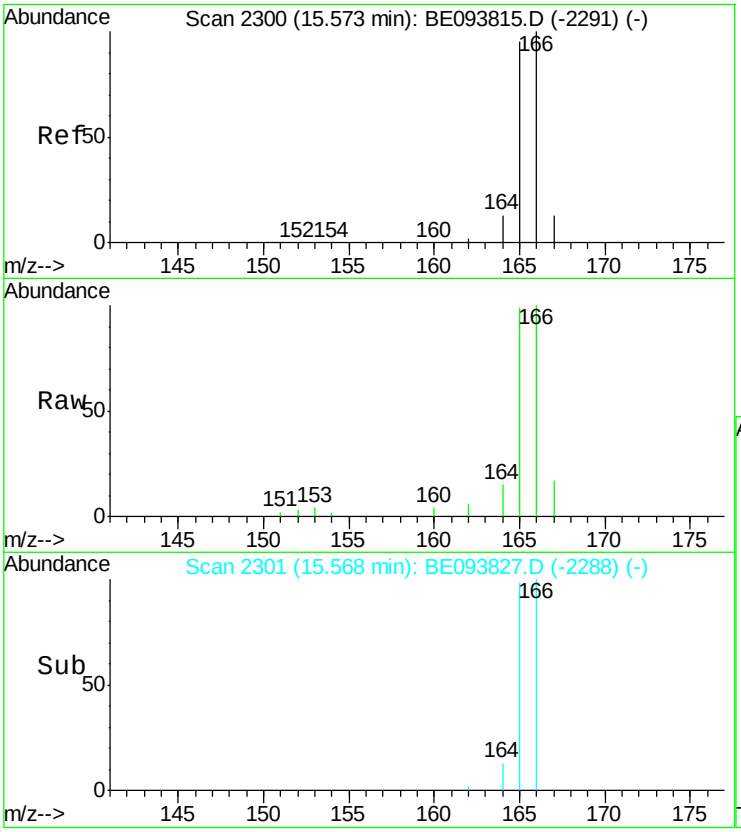


#8
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.58 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:153 Resp: 1616

Ion	Ratio	Lower	Upper
153	100		
152	55.9	40.3	60.5
154	83.8	71.4	107.2

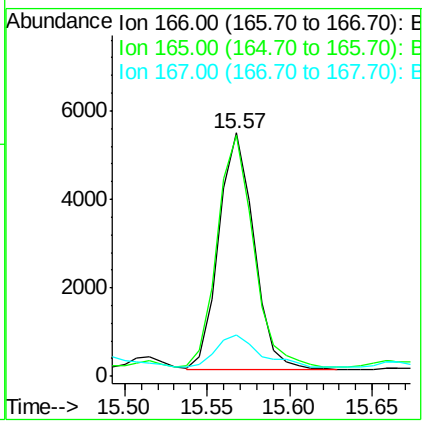




#9
Fluorene
Concen: 0.233 ng/ul
RT: 15.57 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:166 Resp: 7917

Ion	Ratio	Lower	Upper
166	100		
165	99.1	73.4	110.2
167	17.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AC5DL

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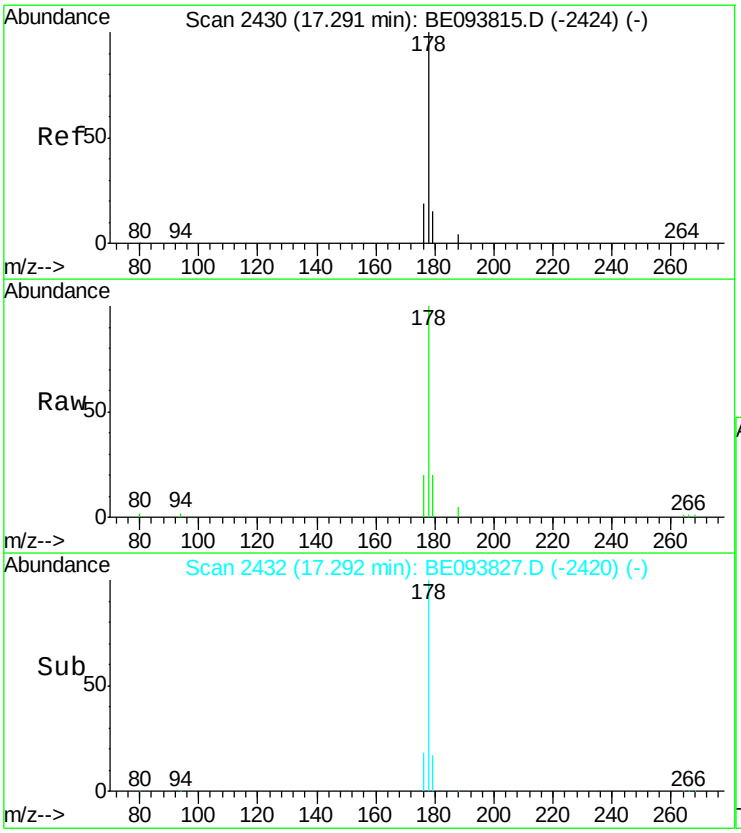
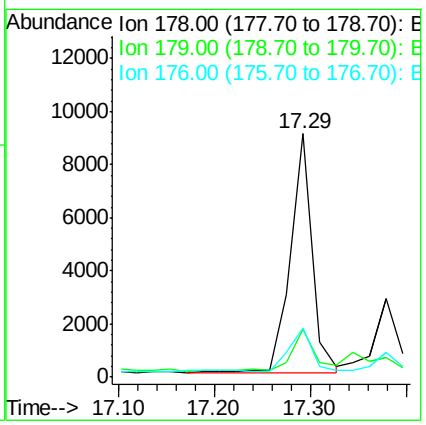
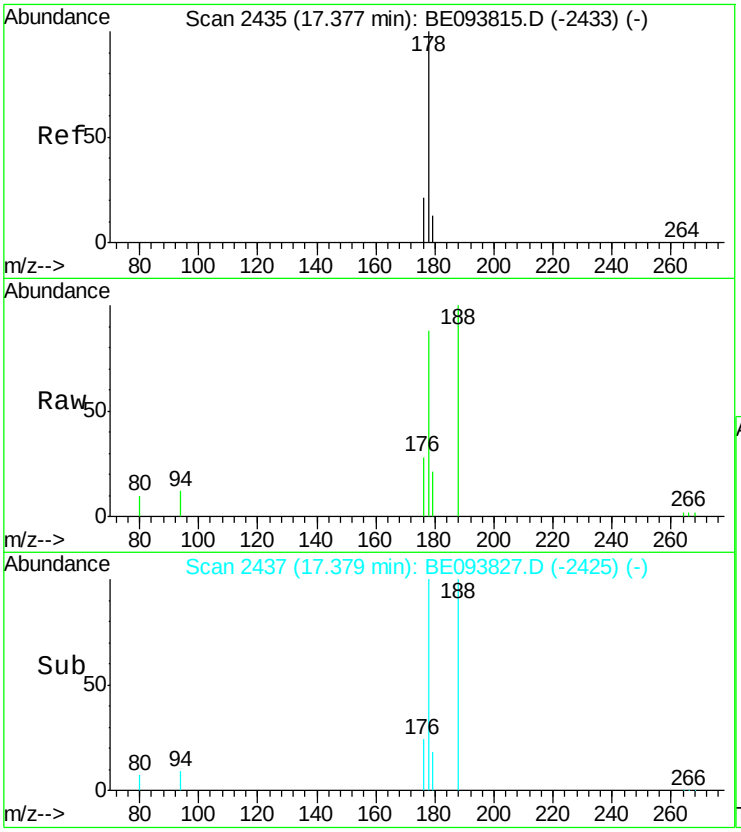


#12
Phenanthrene
Concen: 0.276 ng/ul
RT: 17.29 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:178 Resp: 14110

Ion	Ratio	Lower	Upper
178	100		
179	19.8	18.4	27.6
176	20.2	13.6	20.4

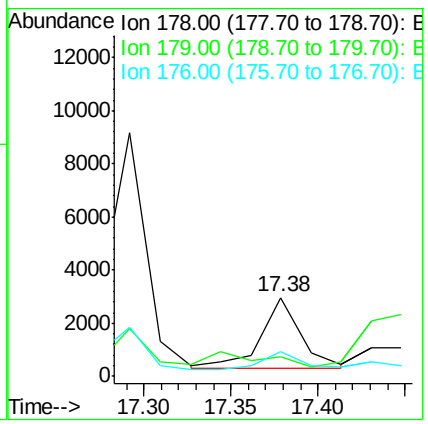




#13
Anthracene
Concen: 0.085 ng/ul m
RT: 17.38 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:178 Resp: 4231

Ion	Ratio	Lower	Upper
178	100		
179	24.2	18.1	27.1
176	31.7	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
C0AC5DL

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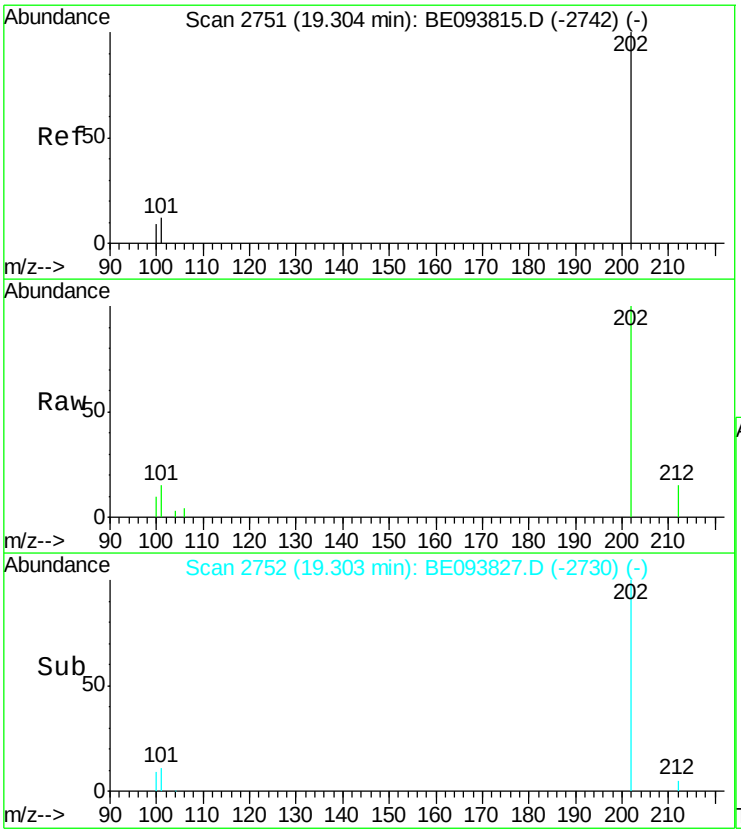
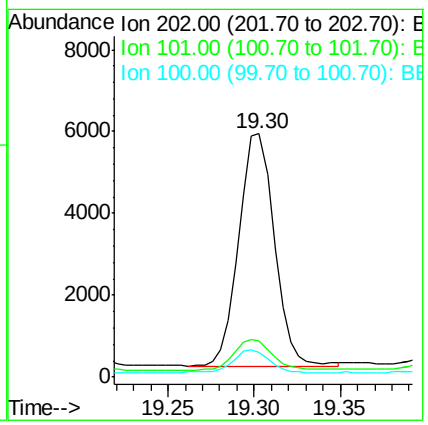
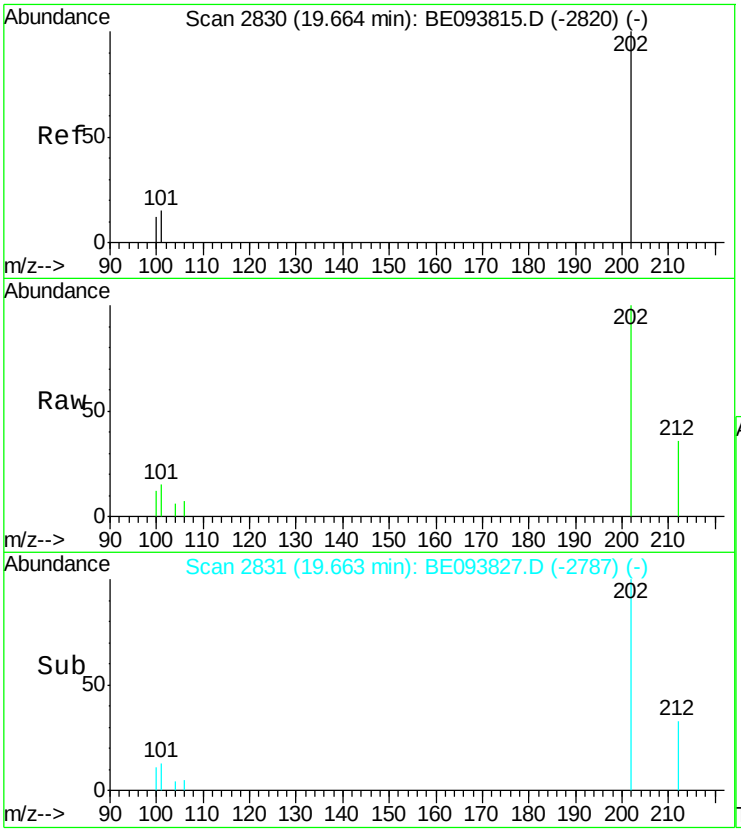


#15
Fluoranthene
Concen: 0.128 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:202 Resp: 8152

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	30.3
100	10.4	0.0	39.5





#17
Pyrene
Concen: 0.194 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:202 Resp: 11318

Ion	Ratio	Lower	Upper
202	100		
101	14.5	18.2	27.4#
100	12.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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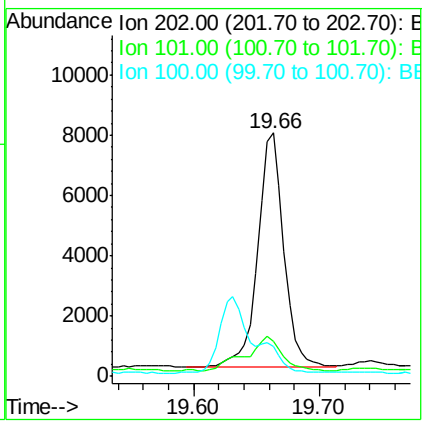
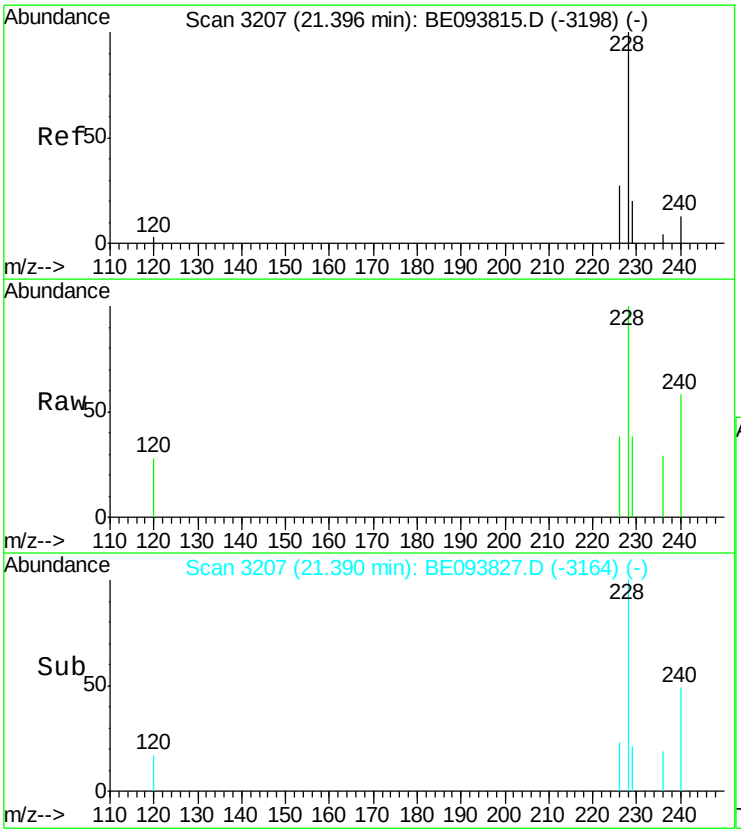
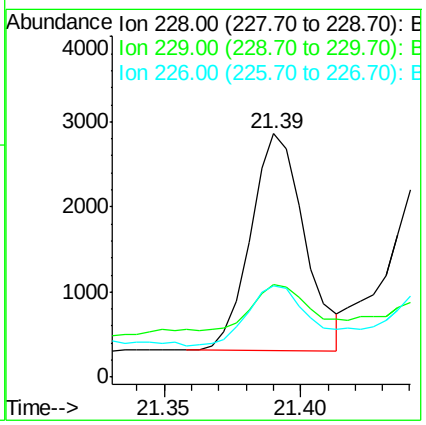


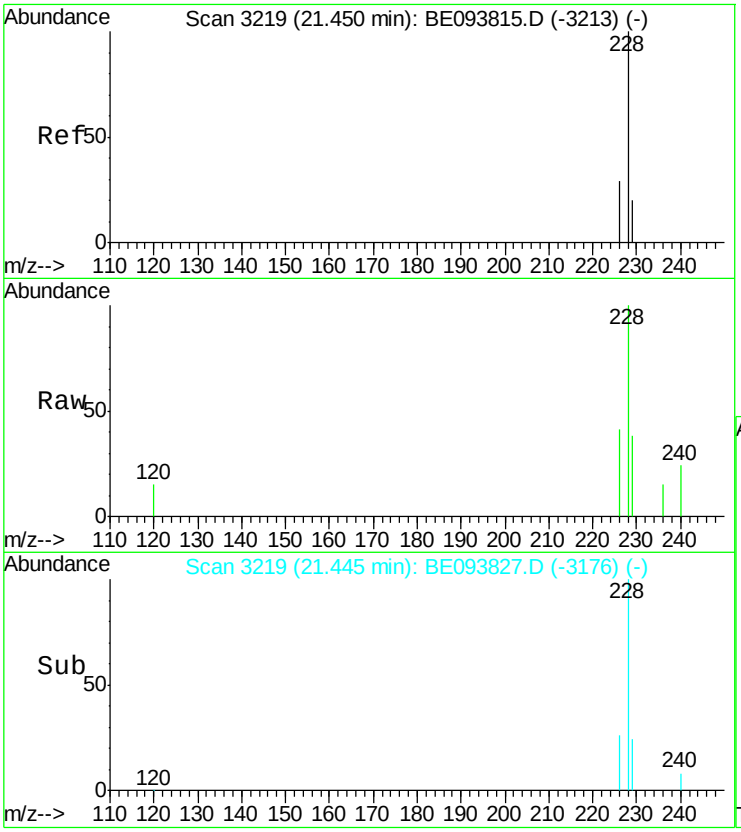


#18
Benzo(a)anthracene
Concen: 0.061 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:228 Resp: 3514

Ion	Ratio	Lower	Upper
228	100		
229	38.0	22.8	34.2#
226	37.7	17.0	25.6#





#19
Chrysene
Concen: 0.063 ng/ul
RT: 21.44 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:228 Resp: 3532

Ion	Ratio	Lower	Upper
228	100		
226	41.0	23.4	35.0#
229	38.2	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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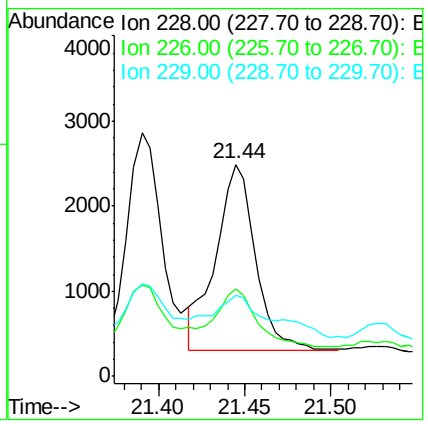
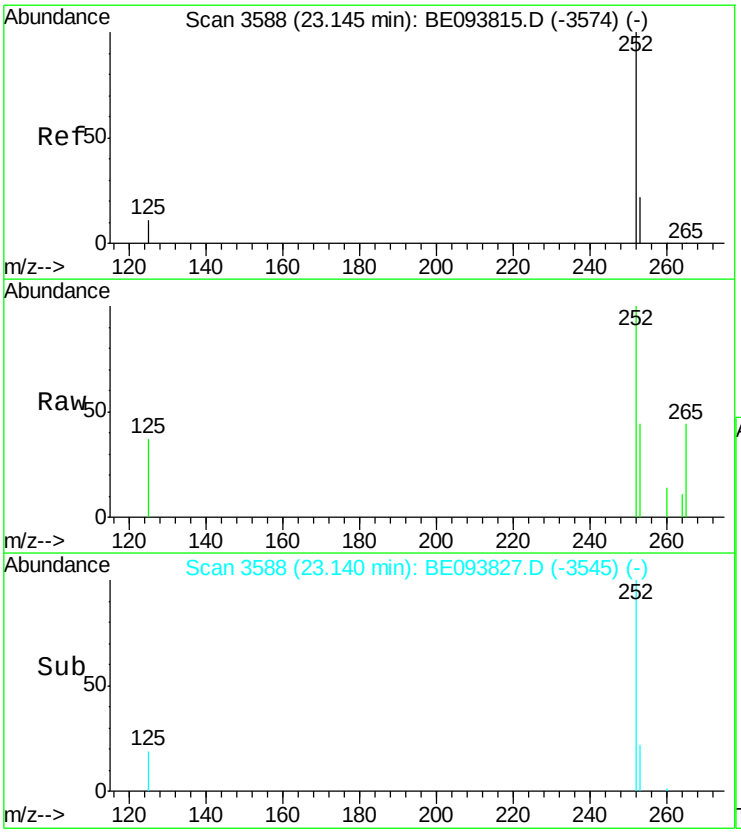
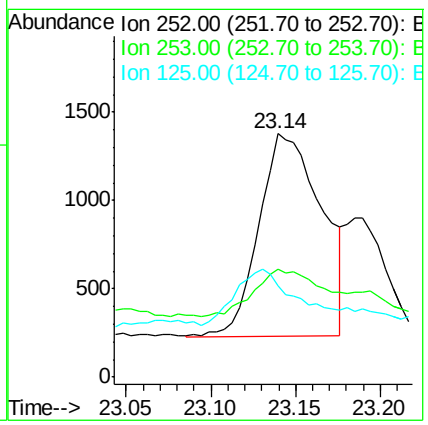


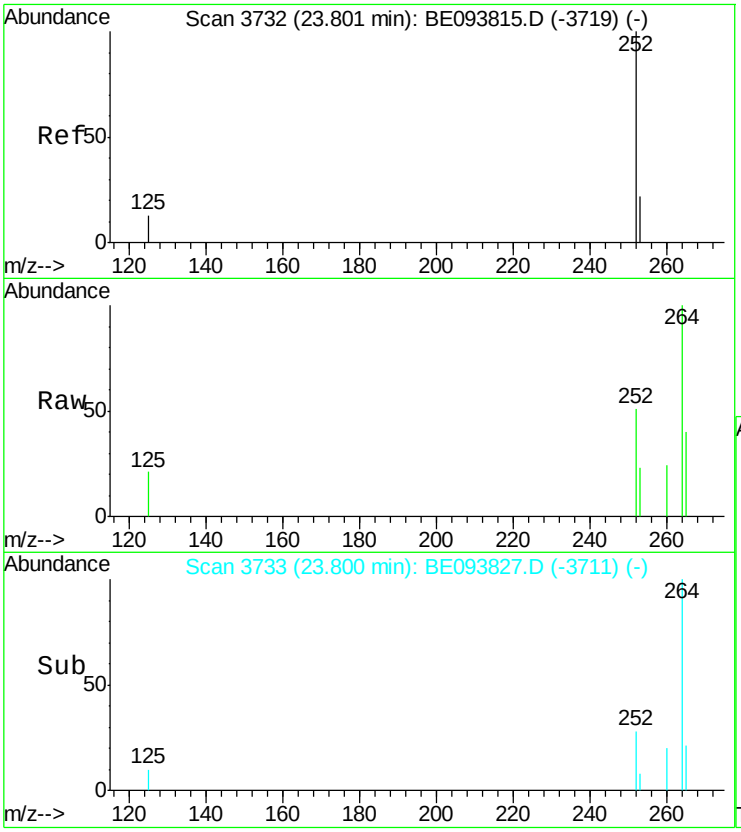


#21
Benzo(b)fluoranthene
Concen: 0.049 ng/ul m
RT: 23.14 min Scan# 3588
Delta R.T. -0.01 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:252 Resp: 2963

Ion	Ratio	Lower	Upper
252	100		
253	44.4	0.0	64.2
125	37.4	0.0	35.0#





#23
Benzo(a)pyrene
Concen: 0.047 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:252 Resp: 2689

Ion	Ratio	Lower	Upper
252	100		
253	44.4	28.5	42.7#
125	42.4	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Manual Integrations APPROVED
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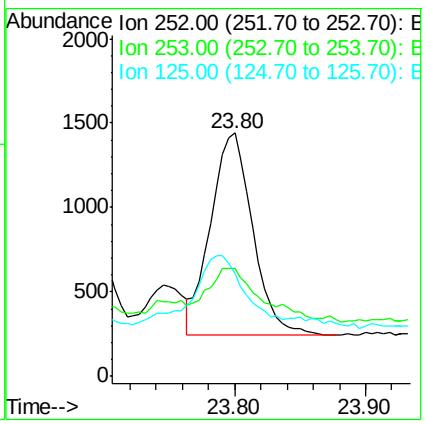
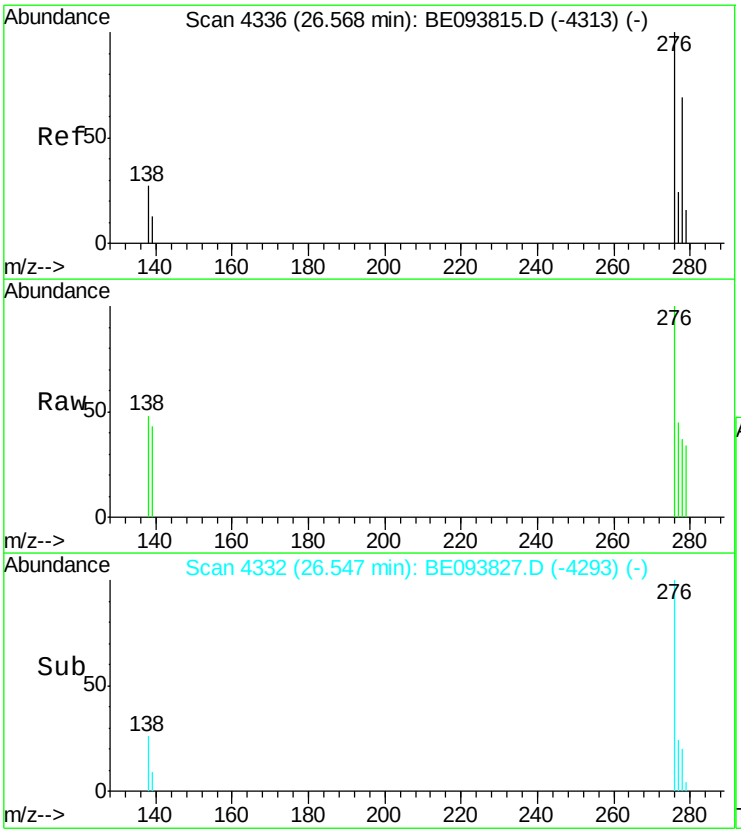
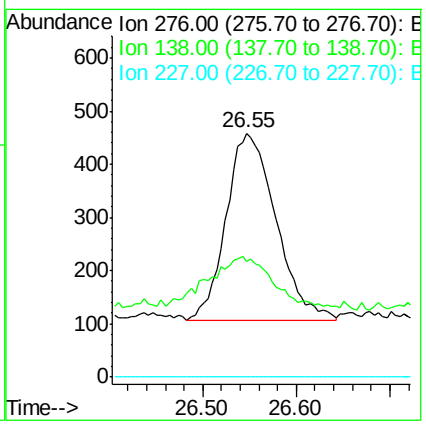


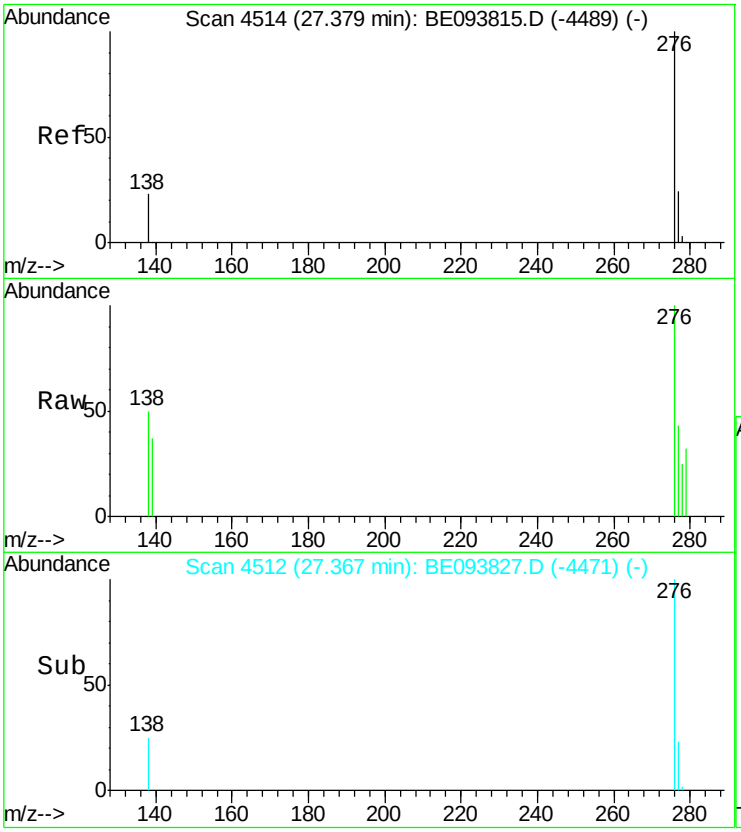


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 26.55 min Scan# 4332
Delta R.T. -0.02 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:276 Resp: 1307

Ion	Ratio	Lower	Upper
276	100		
138	36.0	28.0	42.0
227	0.0	8.0	12.0#

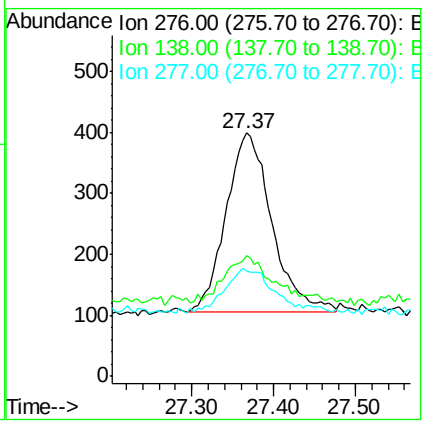




#26
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.37 min Scan# 4512
Delta R.T. -0.01 min
Lab File: BE093827.D
Acq: 16 Aug 2017 3:14

Tgt Ion:276 Resp: 1136

Ion	Ratio	Lower	Upper
276	100		
138	49.9	21.8	32.8#
277	43.1	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
C0AC5DL

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