Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Data File : BE093303.D
Acq On : 21 Jun 2017 4:25
Operator : SJ/JU
Sample : I3599-06DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5A87DL

Manual Integrations APPROVED
mohammad
6/21/2017 12:19:27 PM

Quant Time: Jun 21 05:09:32 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2023	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	10658	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	6299	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	15649	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	16586	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	14450	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	743	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	2087	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	24018	0.908	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	4945	0.273	ng/ul	99
7) Acenaphthylene	14.09	152	35718	1.321	ng/ul	96
8) Acenaphthene	14.42	153	7159	0.328	ng/ul	96
9) Fluorene	15.42	166	7317	0.286	ng/ul	96
12) Phenanthrene	17.14	178	77954	1.810	ng/ul#	90
13) Anthracene	17.22	178	590647	15.755	ng/ul#	88
15) Fluoranthene	19.16	202	1419499	26.883	ng/ul	83
17) Pyrene	19.52	202	1446524	29.573	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	748096	16.909	ng/ul#	84
19) Chrysene	21.30	228	828744	18.058	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	952127m	21.712	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	301880m	6.482	ng/ul	
23) Benzo(a)pyrene	23.56	252	436919	10.537	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.19	276	241304	5.026	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	73082m	1.808	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	135491	3.291	ng/ul	96

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
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Instrument :
BNA_E
ClientSampleId :
F5A87DL

Manual Integrations APPROVED
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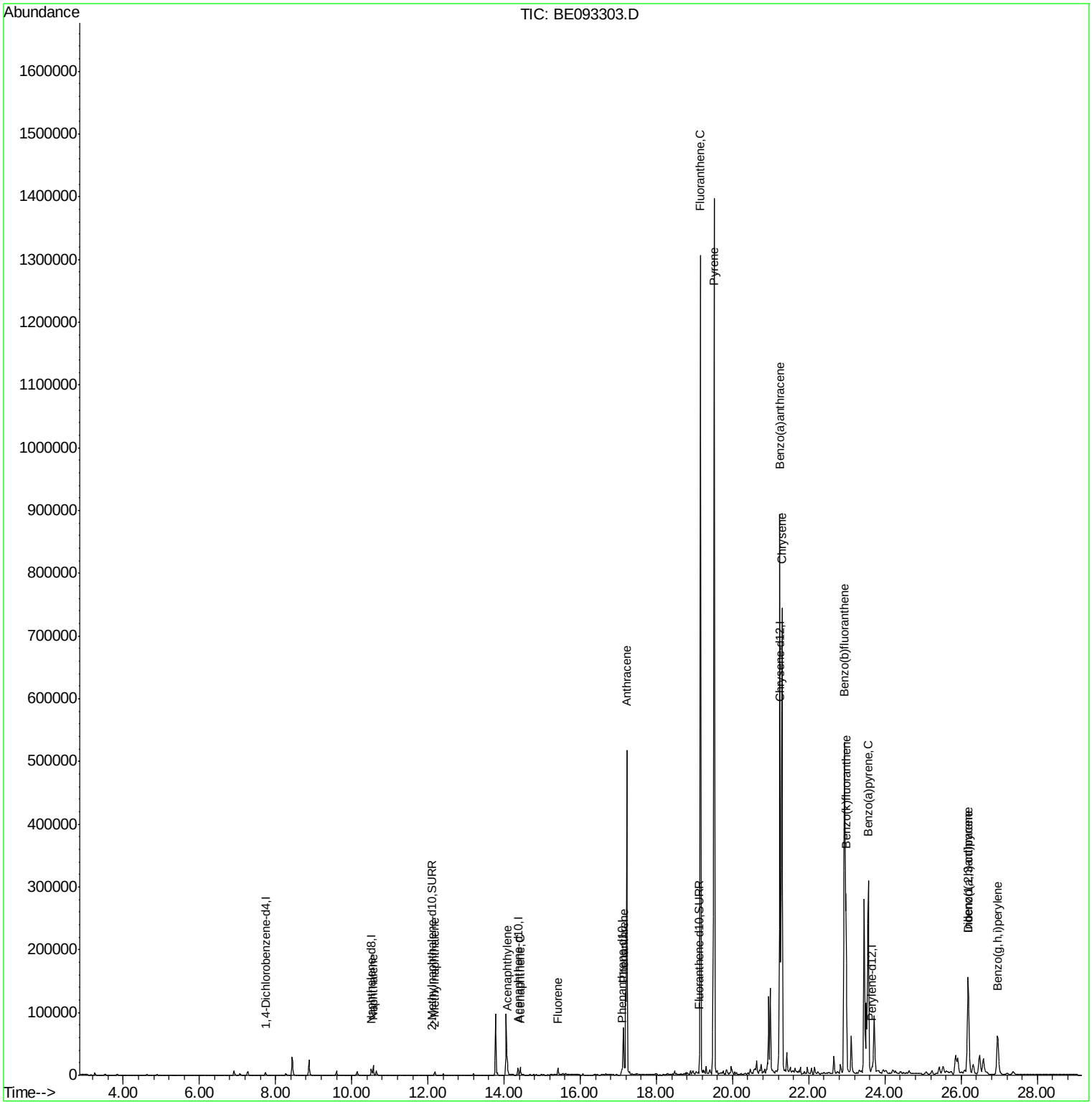

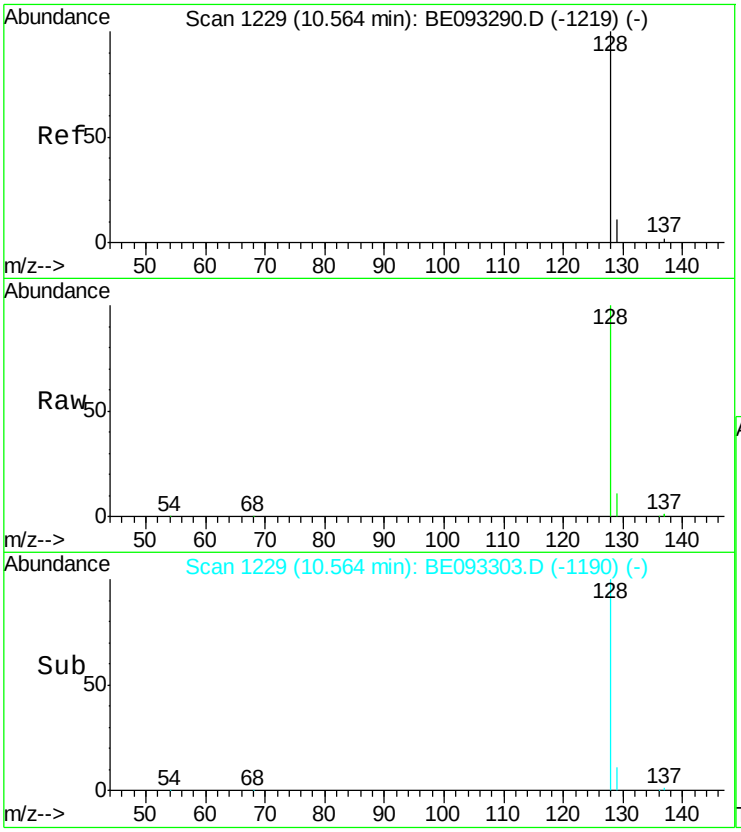

#3
Naphthalene
Concen: 0.908 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:128 Resp: 24018

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

Instrument :
BNA_E
ClientSampleId :
F5A87DL

Manual Integrations APPROVED
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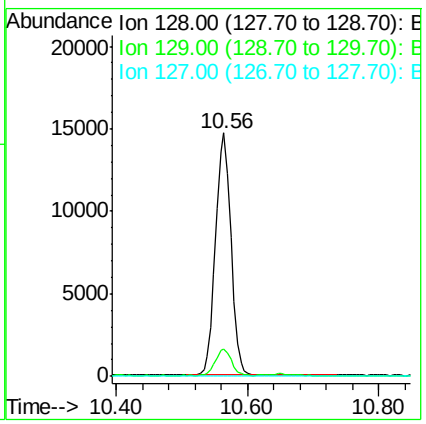
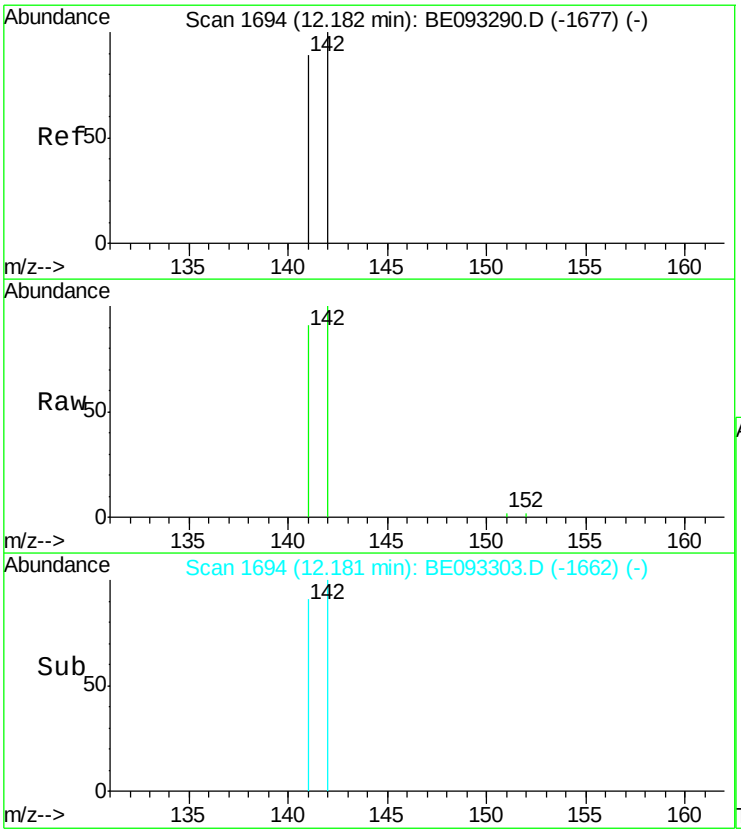
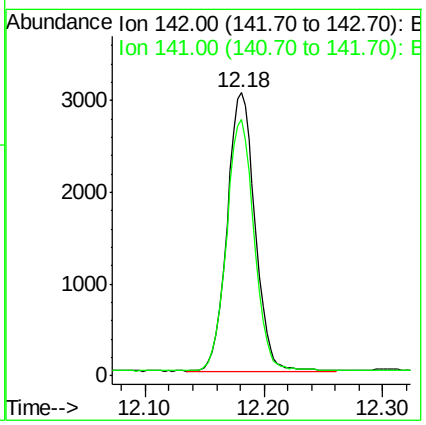


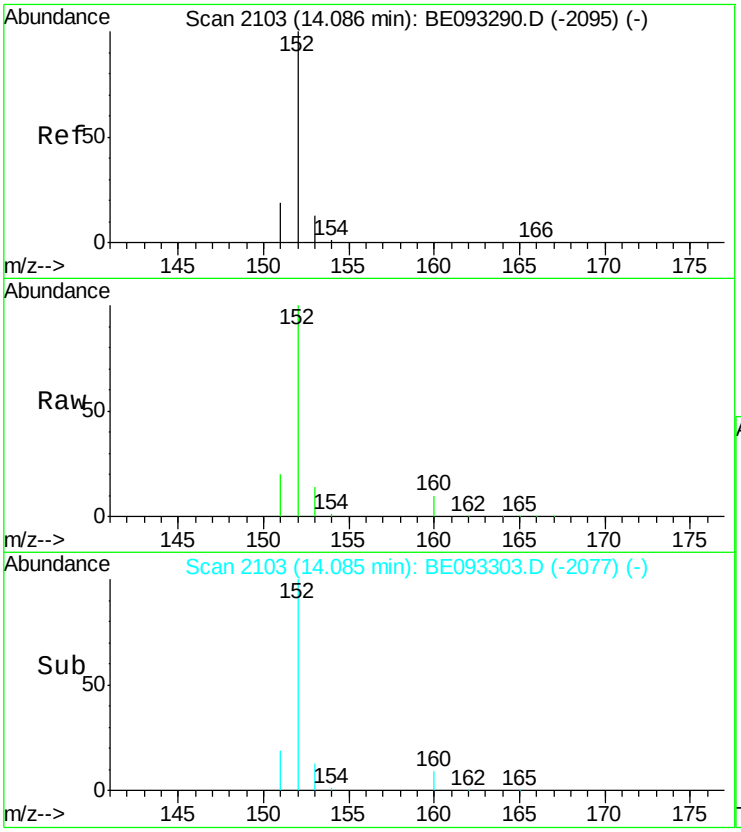


#5
2-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.18 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:142 Resp: 4945

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8





#7
Acenaphthylene
Concen: 1.321 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:152 Resp: 35718

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.1	25.7
153	13.6	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
F5A87DL

Manual Integrations APPROVED
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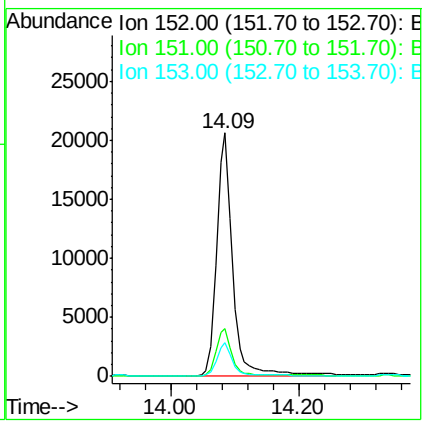
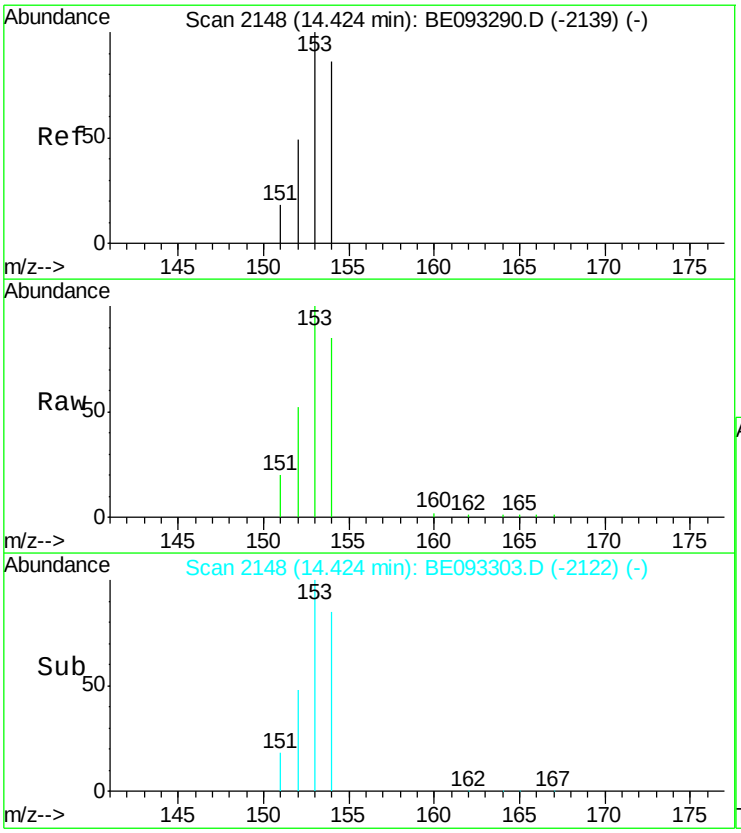
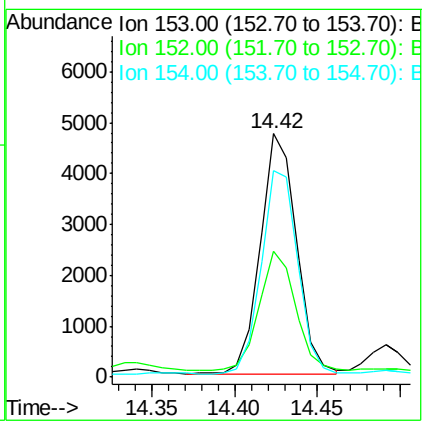


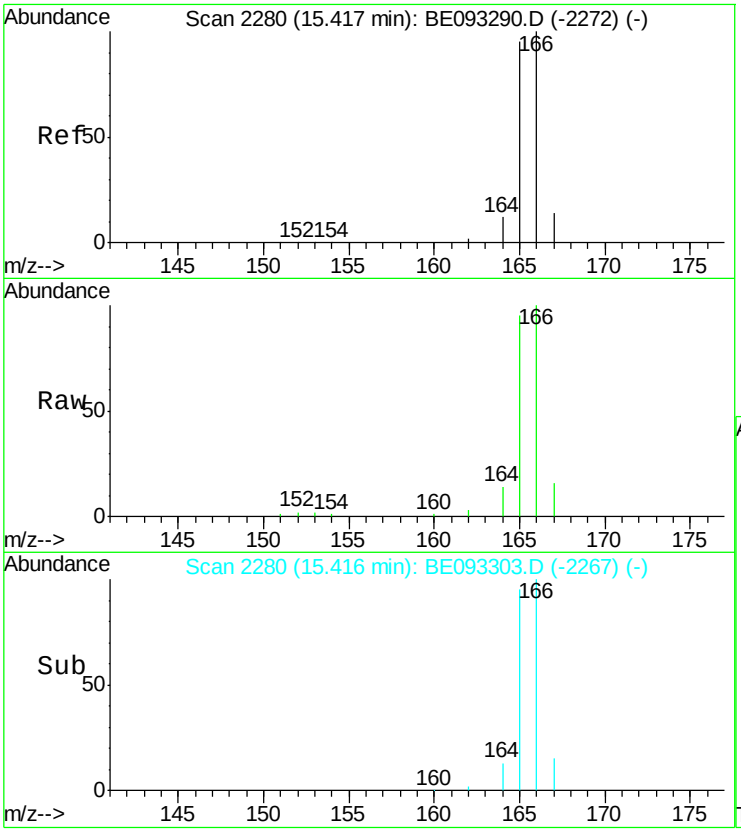


#8
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.42 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:153 Resp: 7159

Ion	Ratio	Lower	Upper
153	100		
152	51.9	40.3	60.5
154	85.1	71.4	107.2

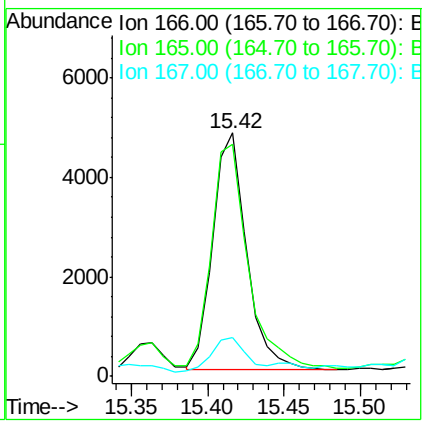




#9
Fluorene
Concen: 0.286 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:166 Resp: 7317

Ion	Ratio	Lower	Upper
166	100		
165	95.5	73.4	110.2
167	16.2	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F5A87DL

Manual Integrations APPROVED
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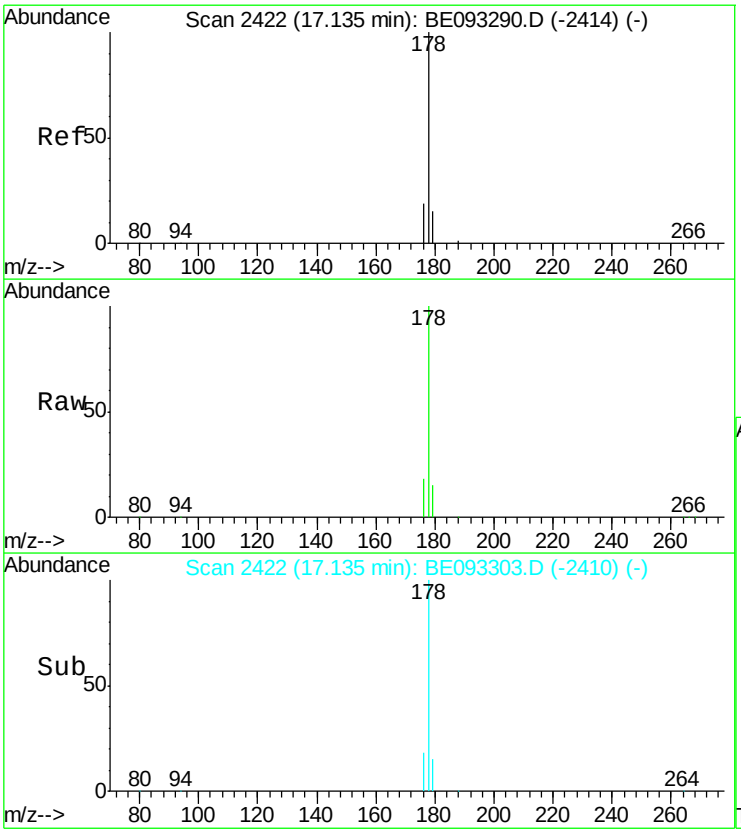
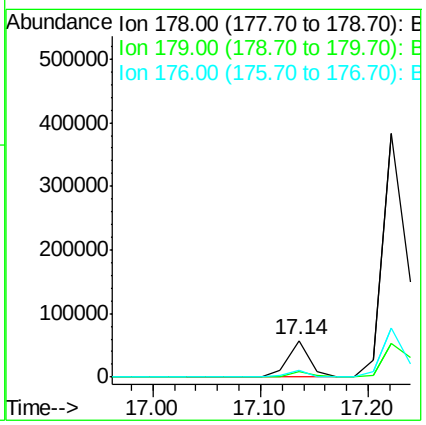
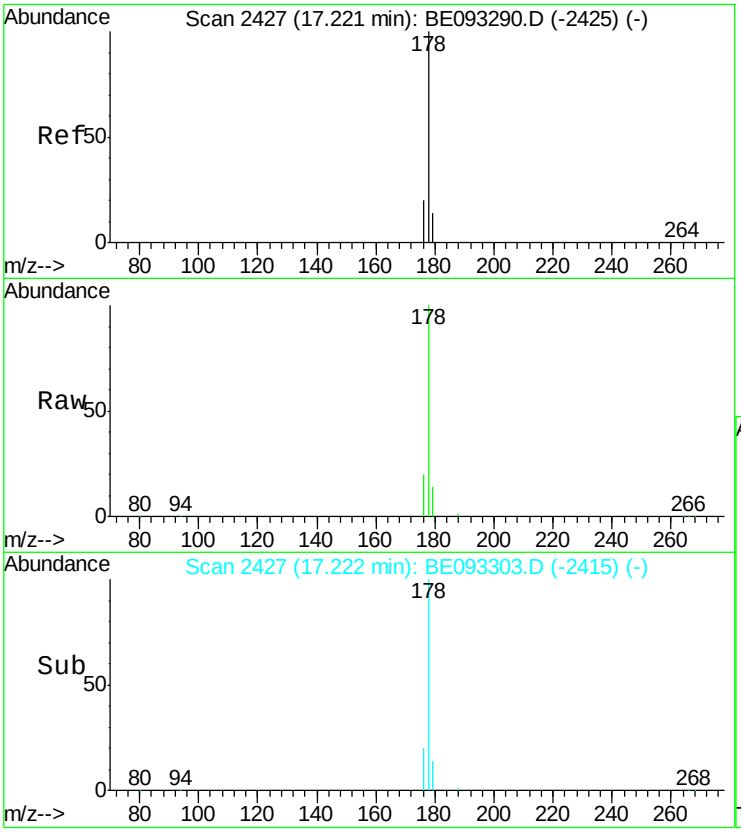


#12
Phenanthrene
Concen: 1.810 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:178 Resp: 77954

Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	18.3	13.6	20.4





#13
Anthracene
Concen: 15.755 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:178 Resp: 590647

Ion	Ratio	Lower	Upper
178	100		
179	13.9	18.1	27.1#
176	20.4	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F5A87DL

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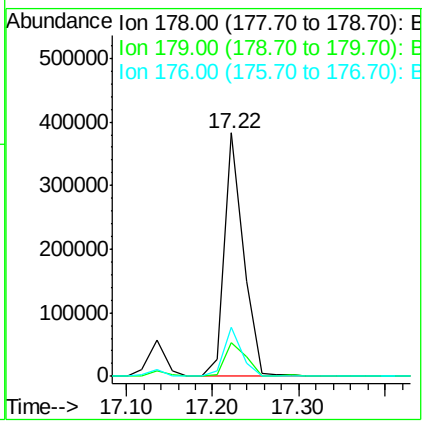
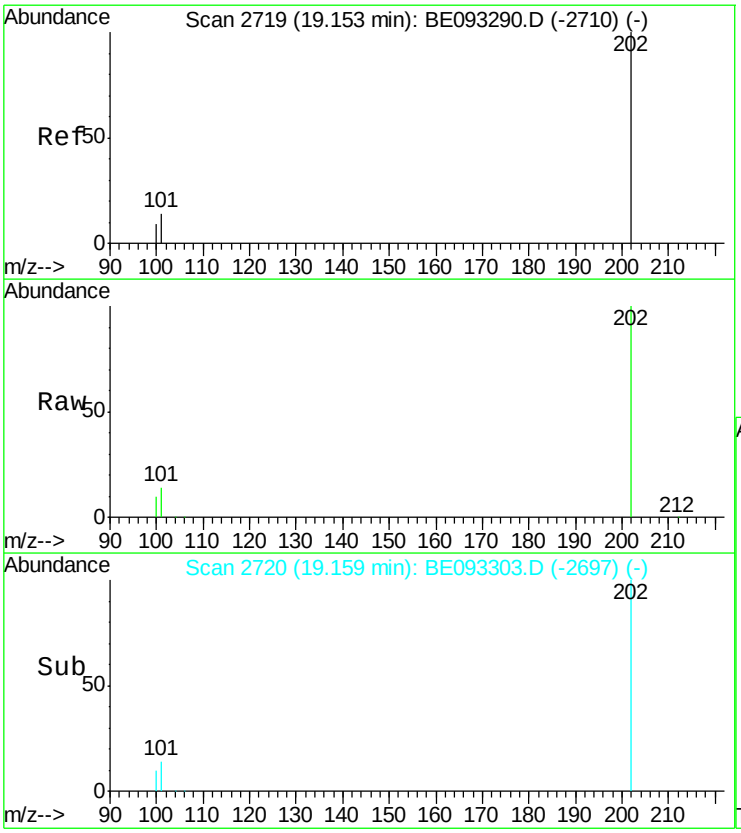
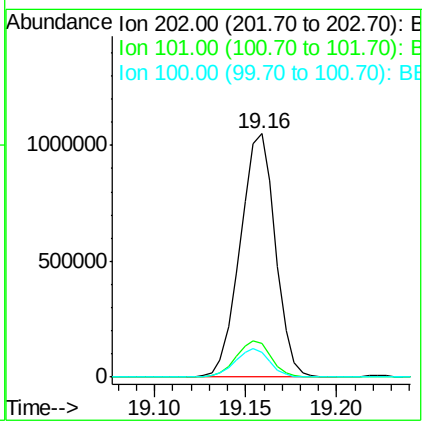


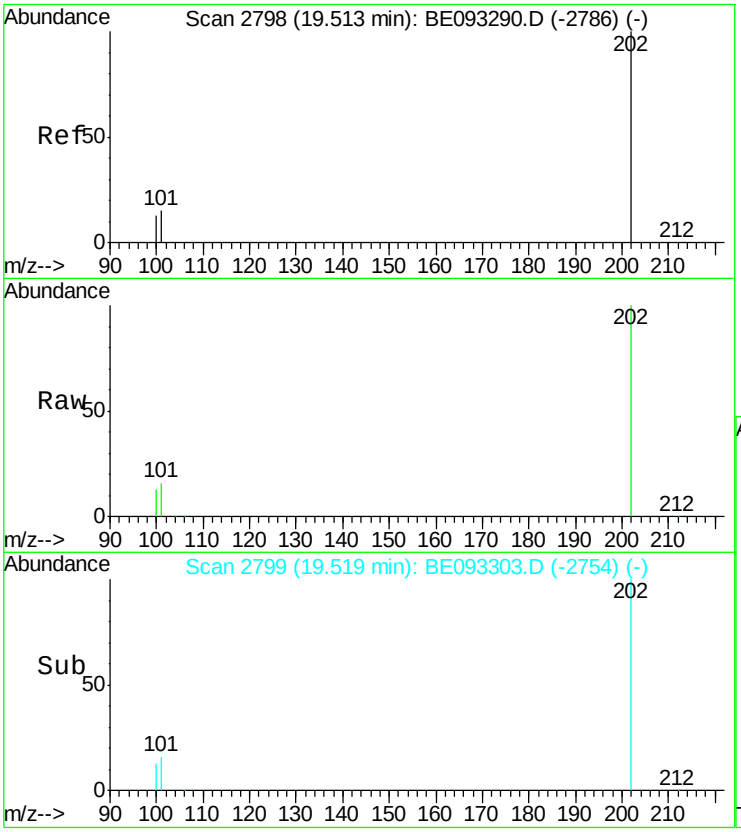


#15
Fluoranthene
Concen: 26.883 ng/ul
RT: 19.16 min Scan# 2720
Delta R.T. 0.01 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:202 Resp: 1419499

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	30.3
100	10.2	0.0	39.5





#17
Pyrene
Concen: 29.573 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:202 Resp: 1446524

Ion	Ratio	Lower	Upper
202	100		
101	16.2	18.2	27.4#
100	13.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5A87DL

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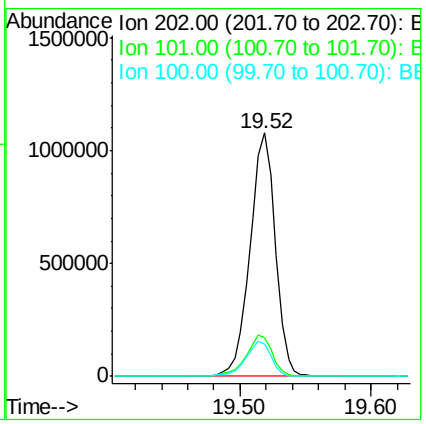
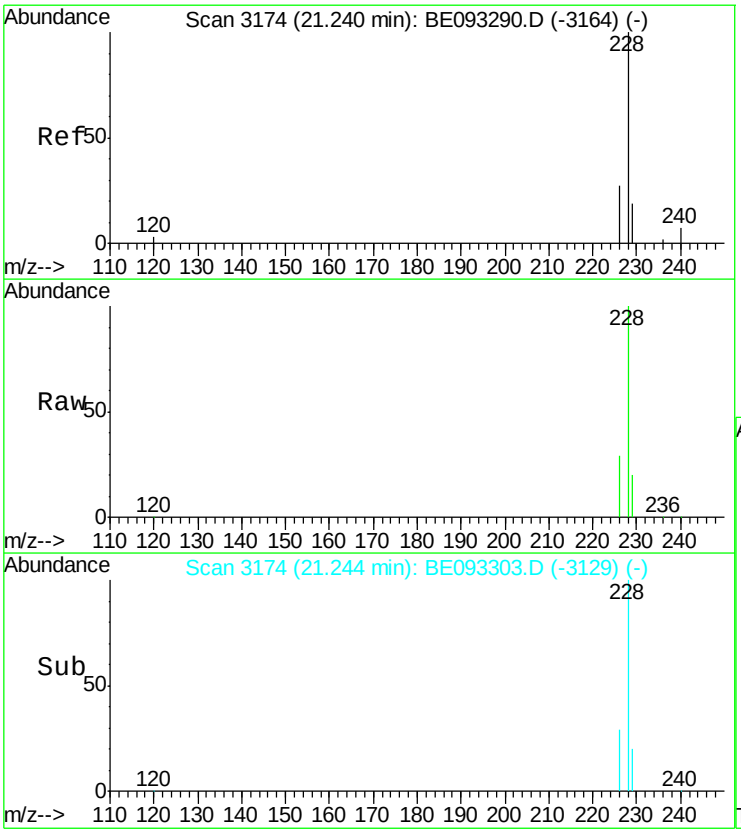
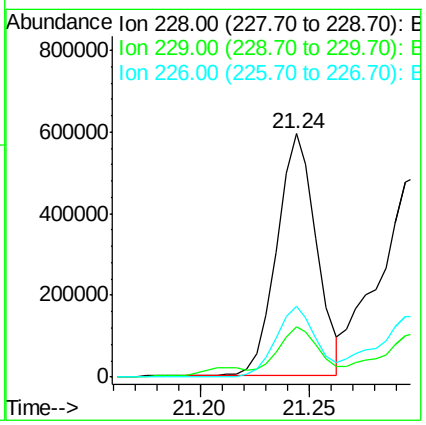


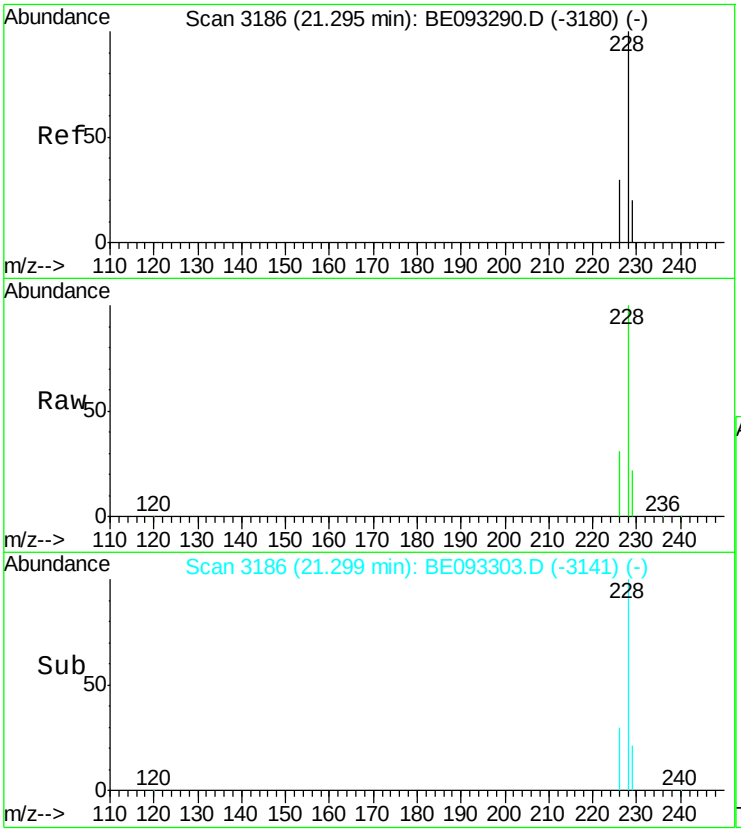


#18
Benzo(a)anthracene
Concen: 16.909 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:228 Resp: 748096

Ion	Ratio	Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	29.1	17.0	25.6#





#19
Chrysene
Concen: 18.058 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:228 Resp: 828744

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	21.7	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5A87DL

Manual Integrations APPROVED
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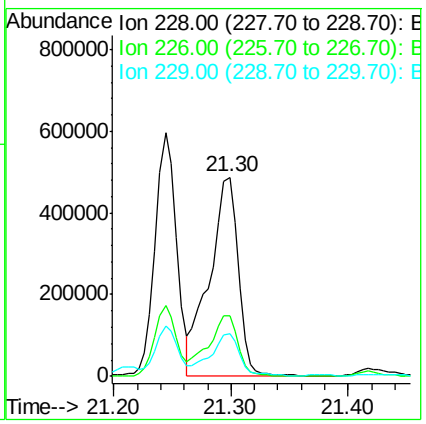
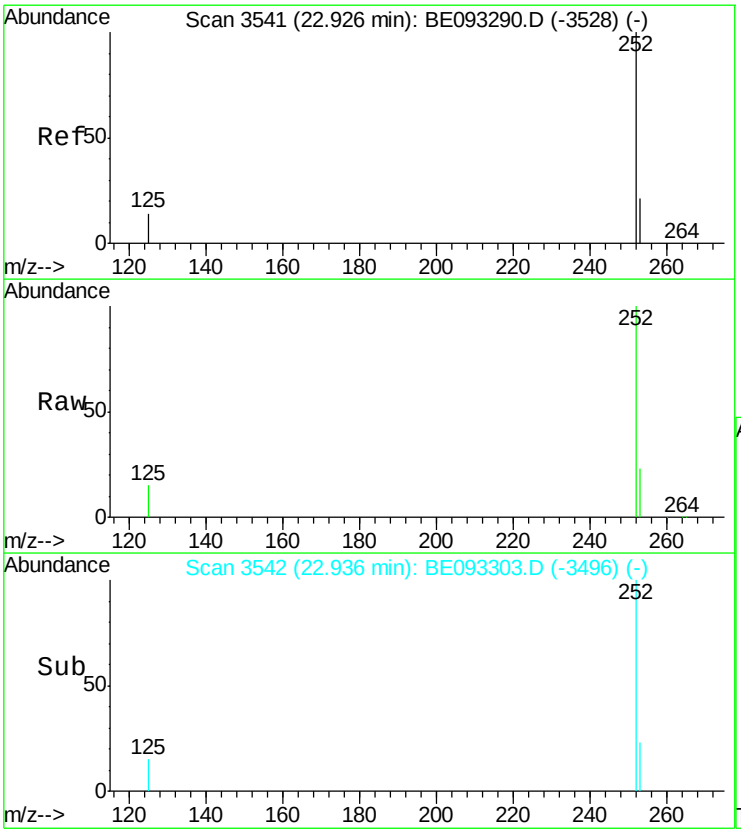
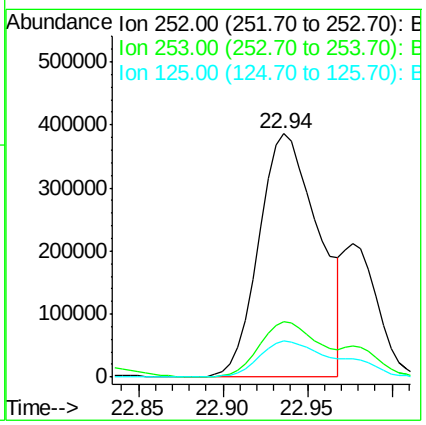


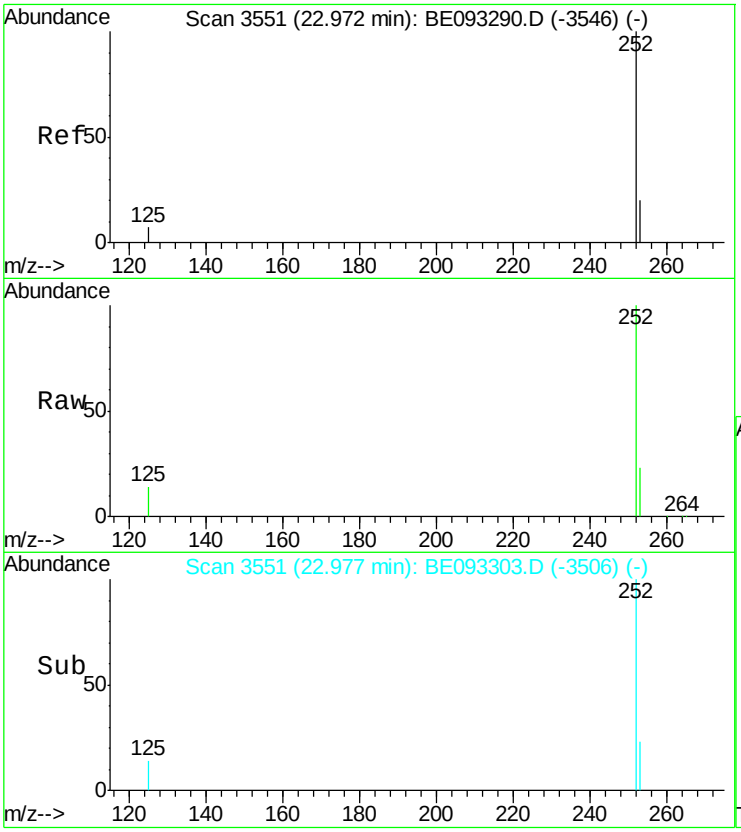


#21
Benzo(b)fluoranthene
Concen: 21.712 ng/ul m
RT: 22.94 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:252 Resp: 952127

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	64.2
125	14.6	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 6.482 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:252 Resp: 301880

Ion	Ratio	Lower	Upper
252	100		
253	23.0	24.5	36.7#
125	14.1	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5A87DL

Manual Integrations APPROVED
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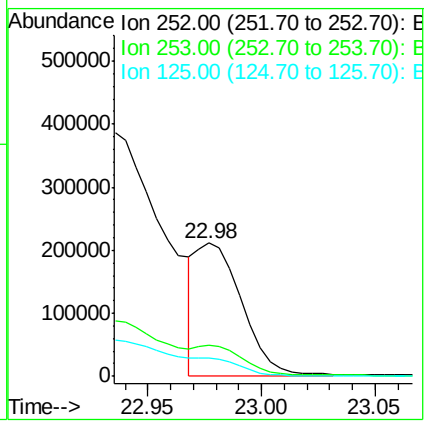
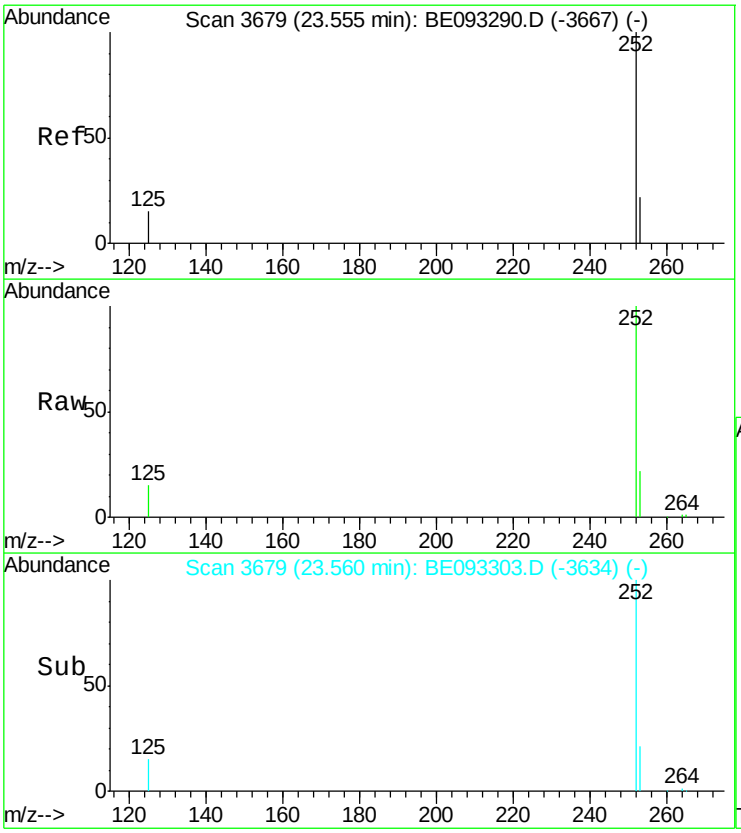
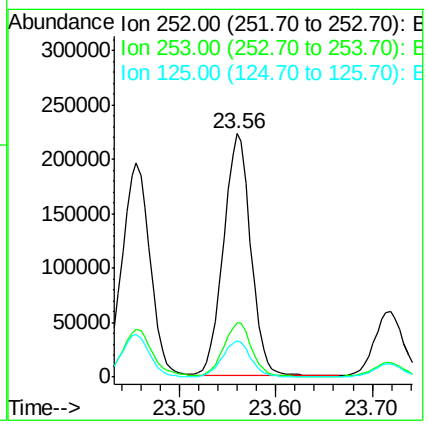


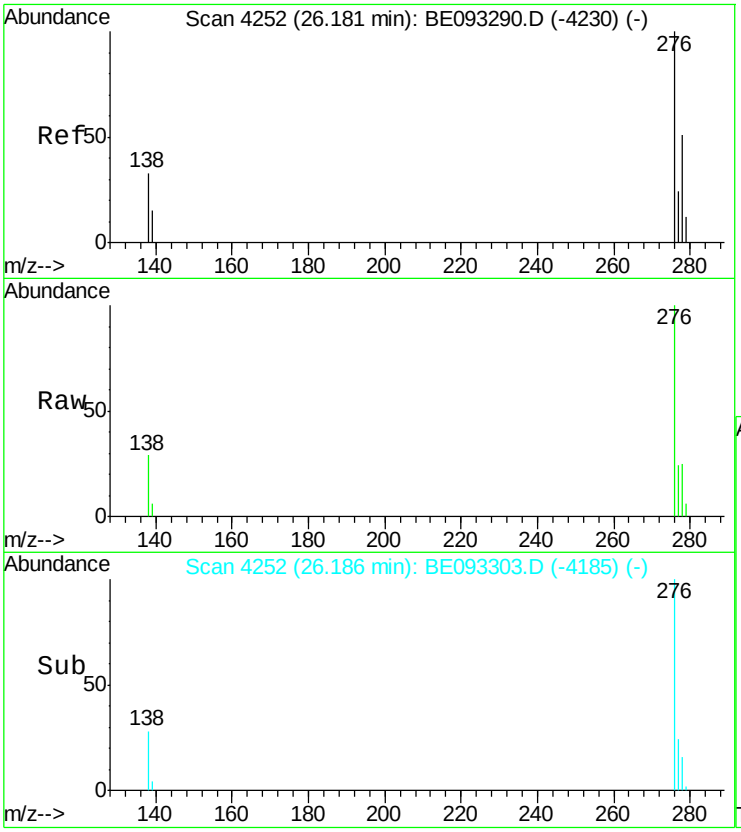


#23
Benzo(a)pyrene
Concen: 10.537 ng/ul
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:252 Resp: 436919

Ion	Ratio	Lower	Upper
252	100		
253	22.2	28.5	42.7#
125	15.0	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 5.026 ng/ul
RT: 26.19 min Scan# 4252
Delta R.T. 0.01 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:276 Resp: 241304

Ion	Ratio	Lower	Upper
276	100		
138	29.5	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5A87DL

Manual Integrations APPROVED
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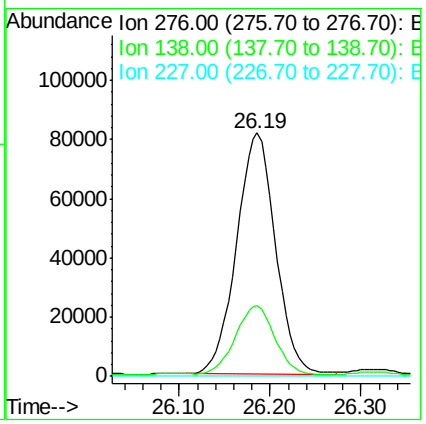
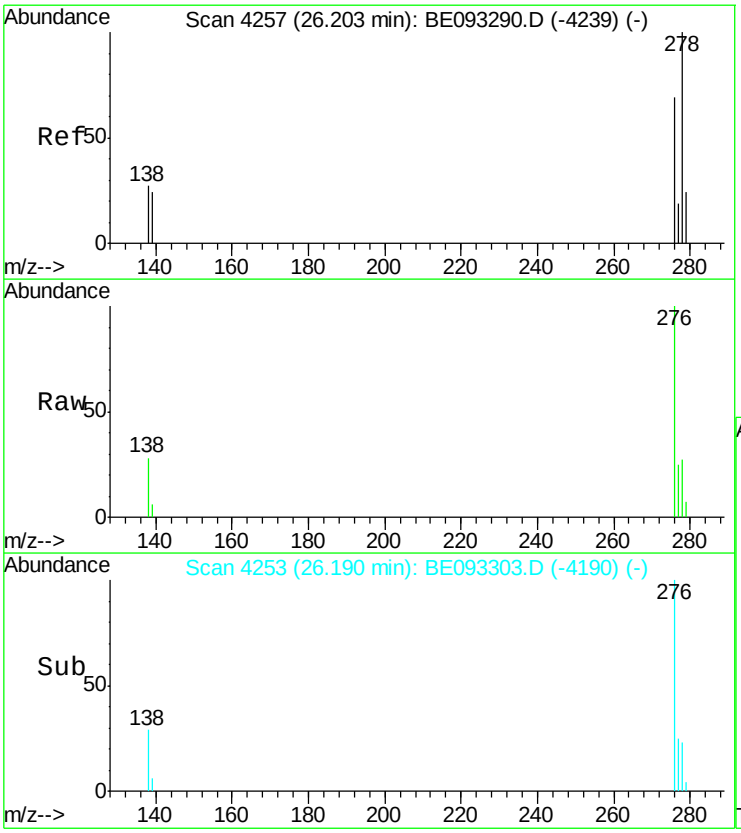
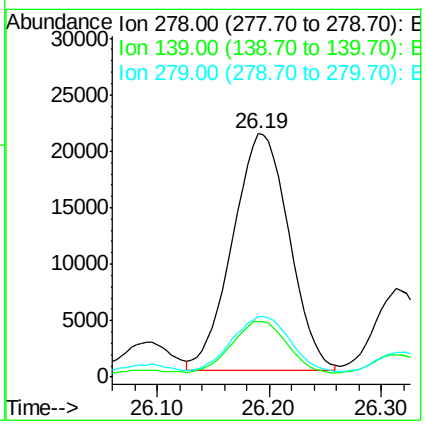


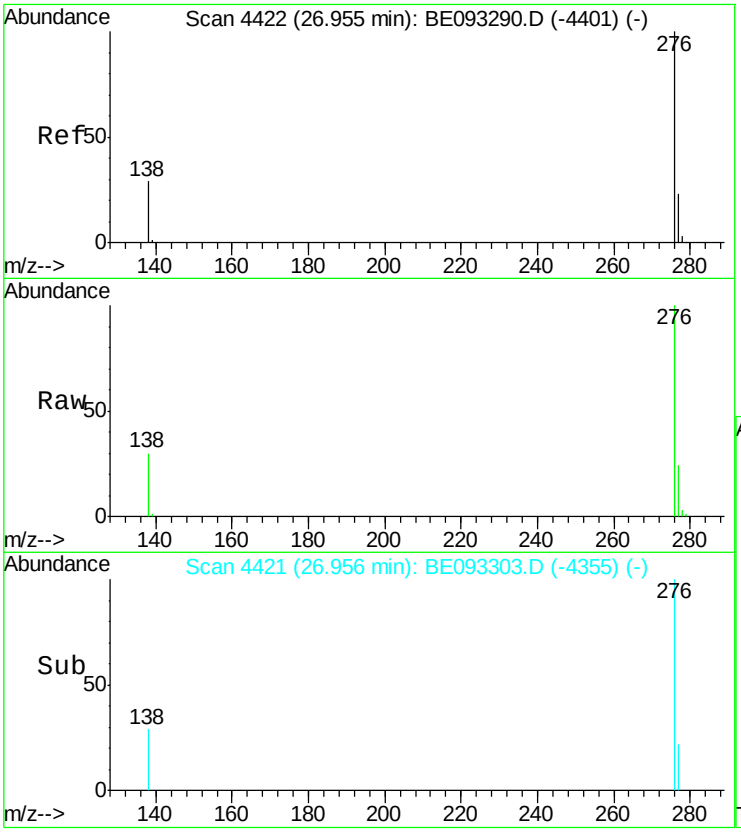


#25
Dibenzo(a,h)anthracene
Concen: 1.808 ng/ul m
RT: 26.19 min Scan# 4253
Delta R.T. -0.01 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:278 Resp: 73082

Ion	Ratio	Lower	Upper
278	100		
139	23.0	17.4	26.0
279	24.9	25.9	38.9#

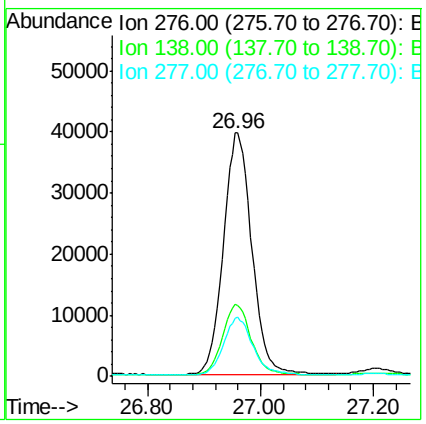




#26
Benzo(g,h,i)perylene
Concen: 3.291 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. 0.00 min
Lab File: BE093303.D
Acq: 21 Jun 2017 4:25

Tgt Ion:276 Resp: 135491

Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	24.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5A87DL

Manual Integrations APPROVED
mohammad
6/21/2017 12:19:27 PM