Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097435.D
Acq On : 7 Sep 2018 23:59
Operator : SJ/JU
Sample : J4688-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A3Z20DL

Manual Integrations APPROVED
Sohil
9/11/2018 2:43:02 PM

Quant Time: Sep 08 04:03:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	957	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5107	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3315	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8617	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10030	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10870	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	360	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1181	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	1672	0.134	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	1658	0.211	ng/ul	98
7) Acenaphthylene	13.72	152	339	0.028	ng/ul#	55
12) Phenanthrene	16.80	178	7128	0.321	ng/ul#	90
13) Anthracene	16.89	178	661	0.035	ng/ul#	83
15) Fluoranthene	18.83	202	9095	0.319	ng/ul	84
17) Pyrene	19.20	202	9171	0.340	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	5324	0.207	ng/ul#	89
19) Chrysene	21.00	228	7305	0.246	ng/ul	93
21) Benzo(b)fluoranthene	22.53	252	7800m	0.268	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	2040m	0.063	ng/ul	
23) Benzo(a)pyrene	23.10	252	5179	0.192	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.50	276	3527	0.101	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.51	278	1118	0.038	ng/ul#	44
26) Benzo(g,h,i)perylene	26.19	276	3740	0.126	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097435.D
Acq On : 7 Sep 2018 23:59
Operator : SJ/JU
Sample : J4688-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 08 04:03:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z20DL

Manual Integrations APPROVED
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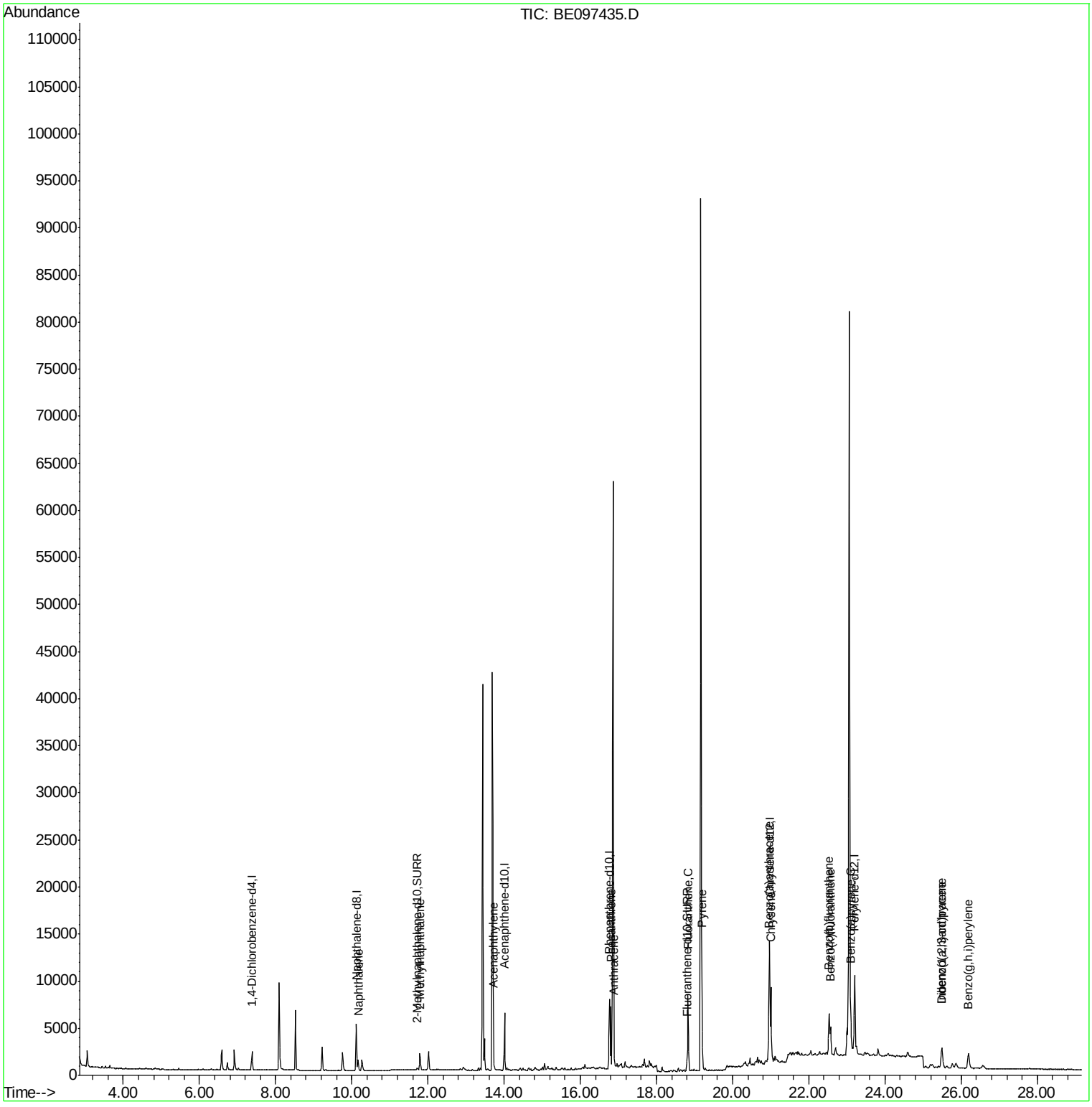

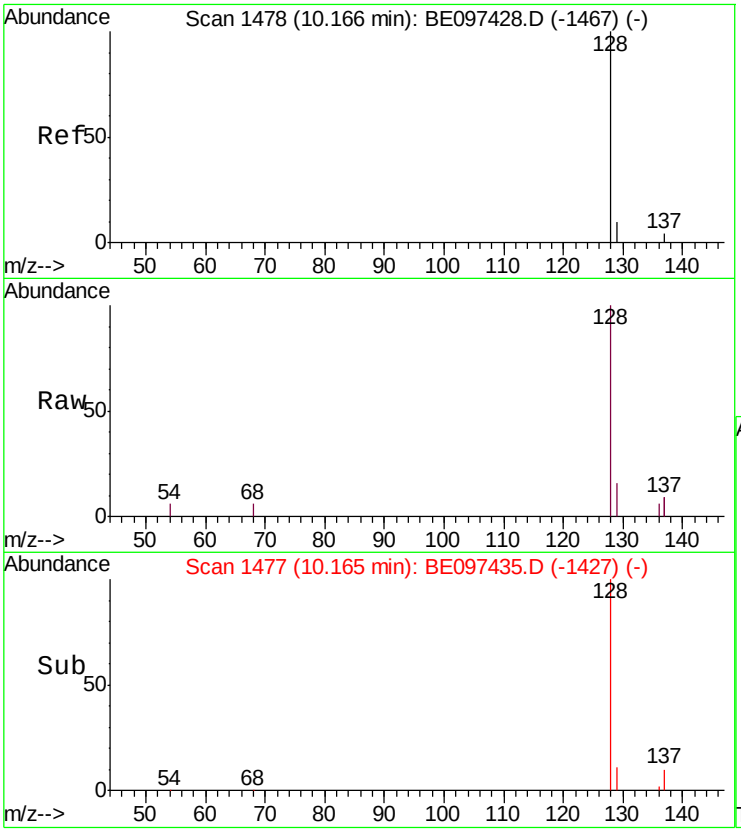

#3
Naphthalene
Concen: 0.134 ng/ul
RT: 10.17 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:128 Resp: 1672

Ion	Ratio	Lower	Upper
128	100		
129	15.5	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3Z20DL

Manual Integrations APPROVED
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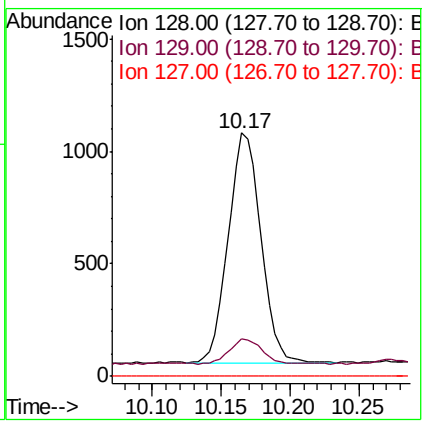
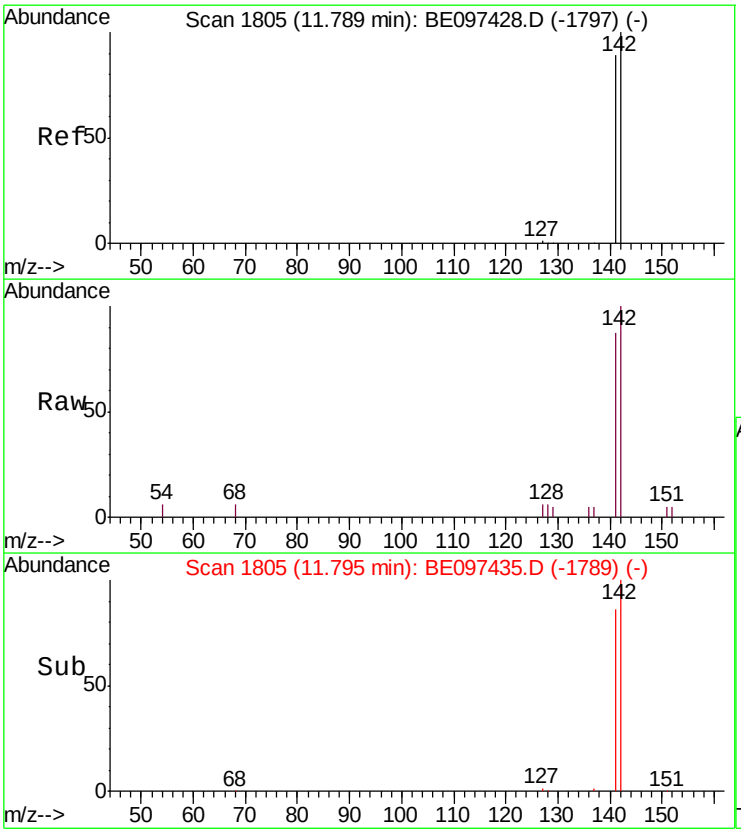
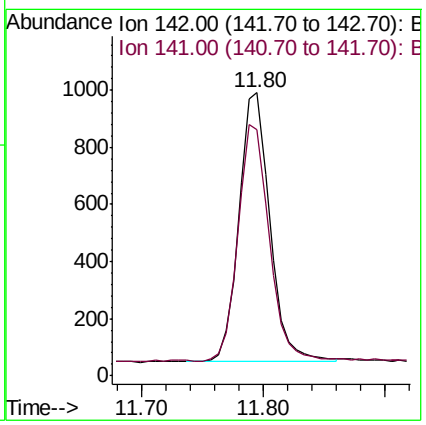


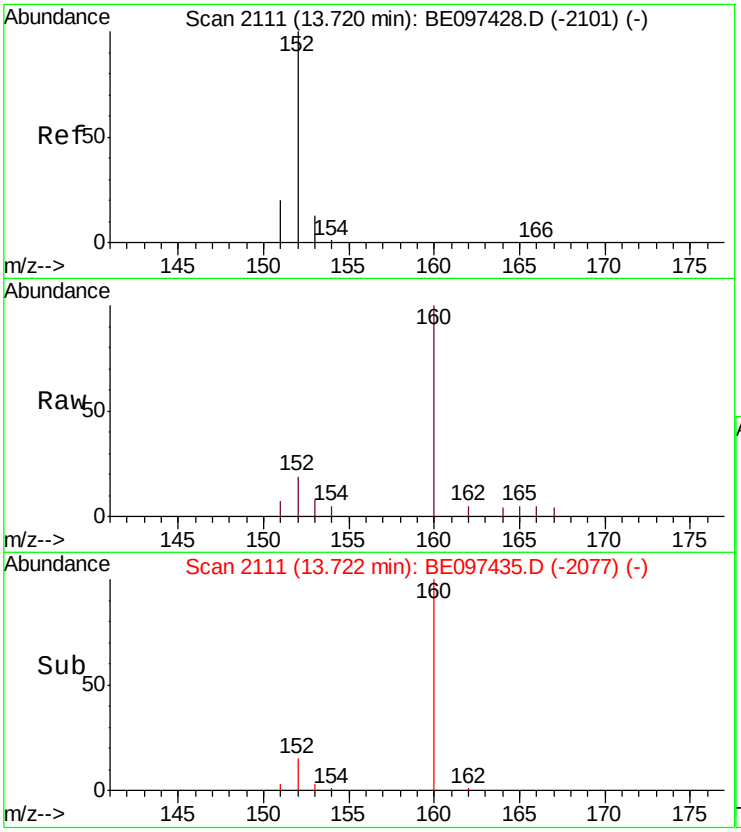


#5
2-Methylnaphthalene
Concen: 0.211 ng/ul
RT: 11.80 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:142 Resp: 1658

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8

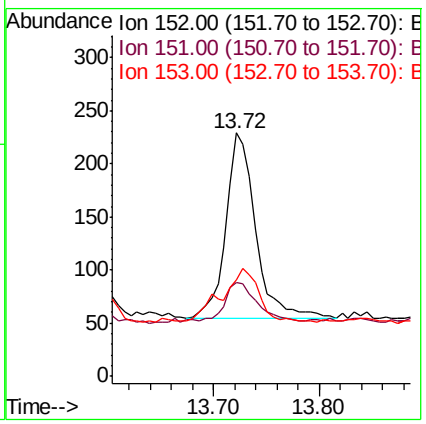




#7
Acenaphthylene
Concen: 0.028 ng/ul
RT: 13.72 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:152 Resp: 339

Ion	Ratio	Lower	Upper
152	100		
151	38.4	17.1	25.7#
153	39.7	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
A3Z20DL

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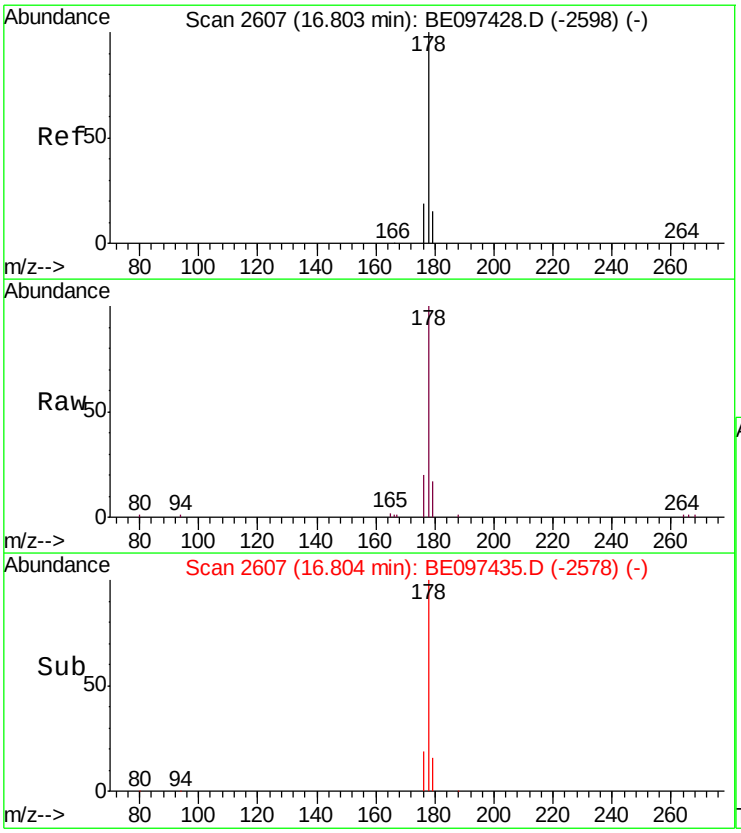
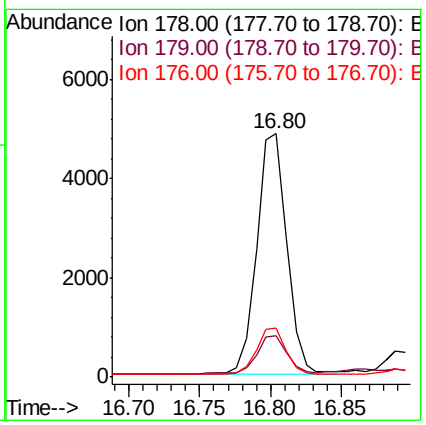
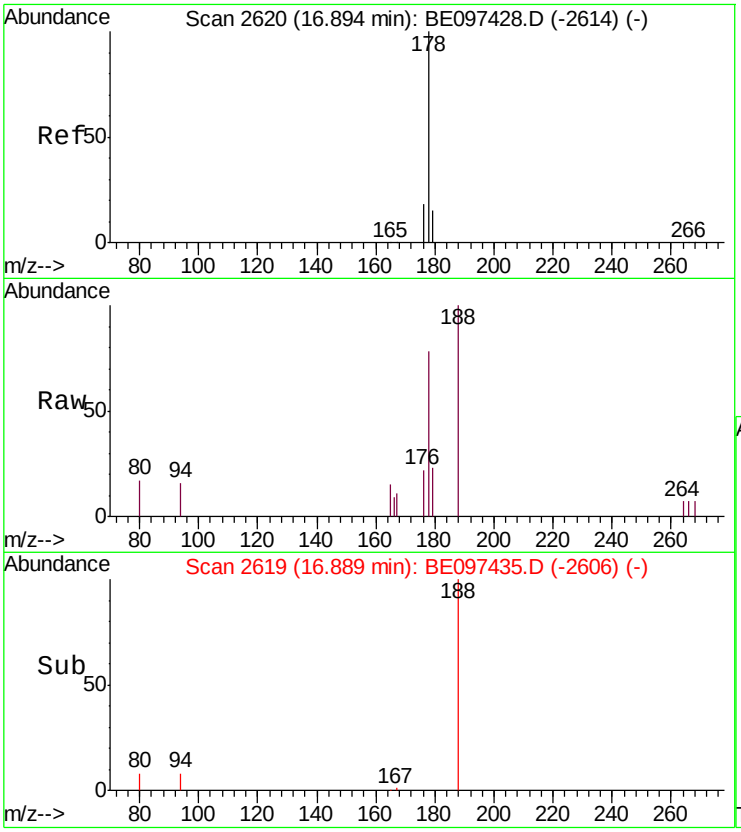


#12
Phenanthrene
Concen: 0.321 ng/ul
RT: 16.80 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:178 Resp: 7128

Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.4	27.6#
176	19.9	13.6	20.4





#13
Anthracene
Concen: 0.035 ng/ul
RT: 16.89 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:178 Resp: 661

Ion	Ratio	Lower	Upper
178	100		
179	29.0	18.1	27.1#
176	28.2	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
A3Z20DL

Manual Integrations APPROVED
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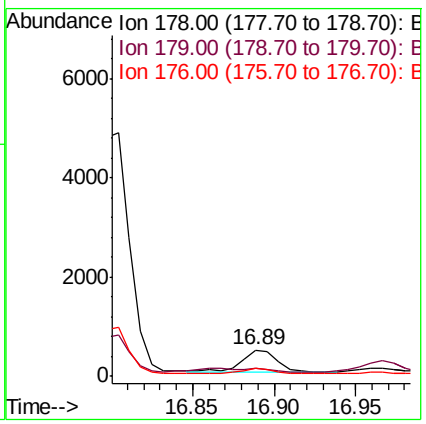
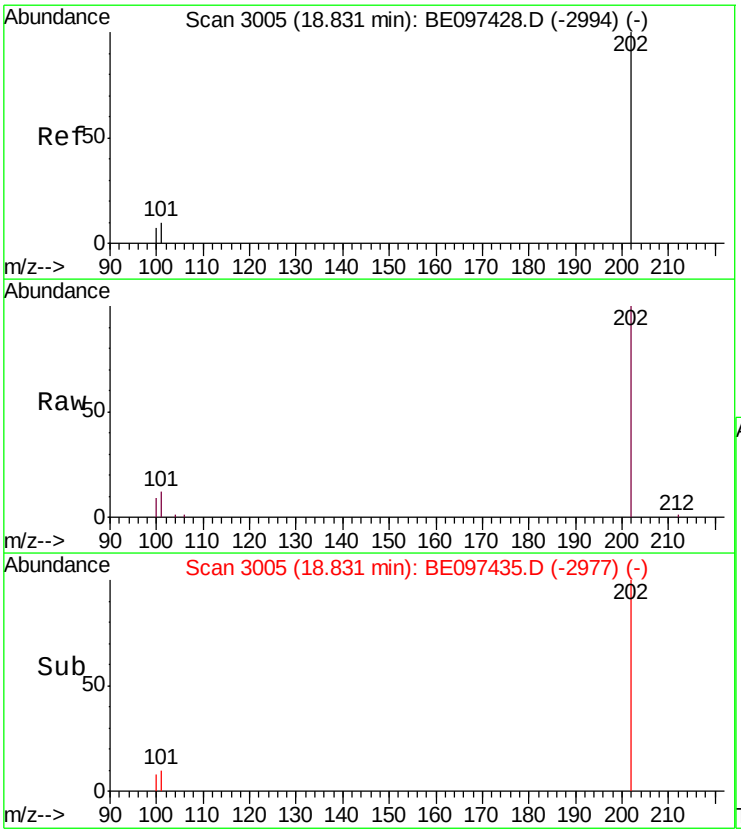
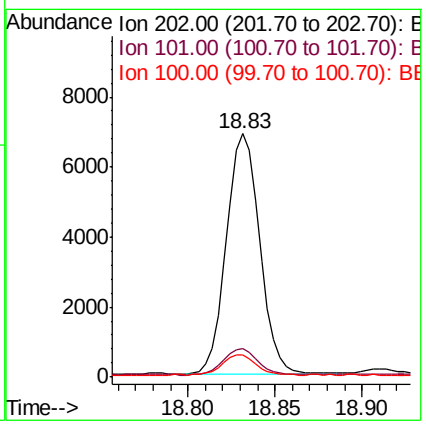


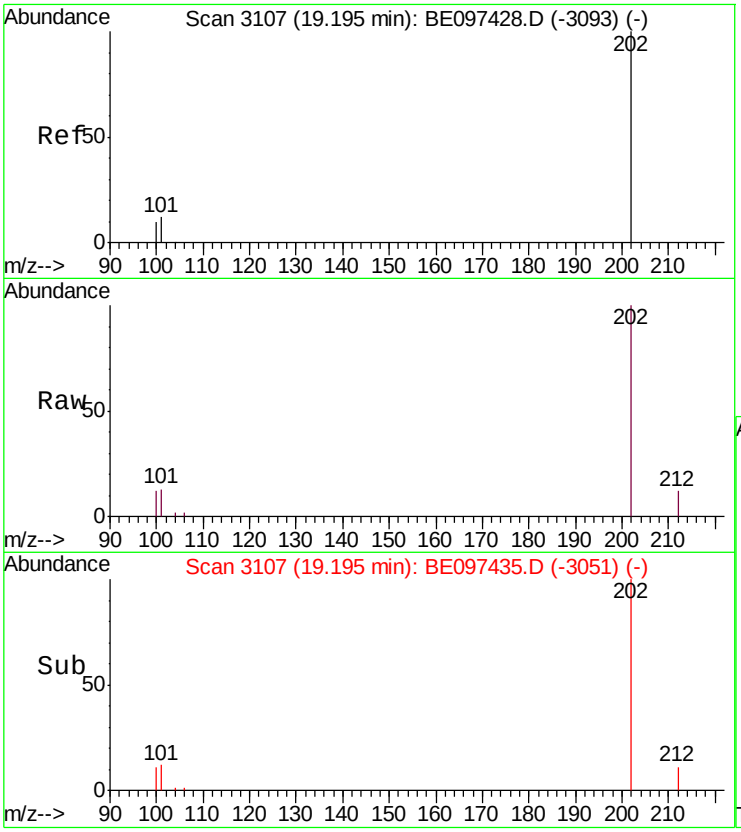


#15
Fluoranthene
Concen: 0.319 ng/ul
RT: 18.83 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:202 Resp: 9095

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5





#17
Pyrene
Concen: 0.340 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:202 Resp: 9171

Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.6	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3Z20DL

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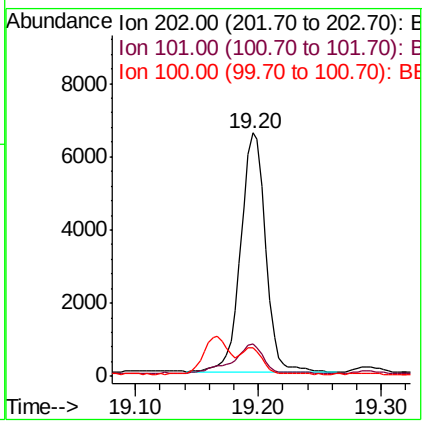
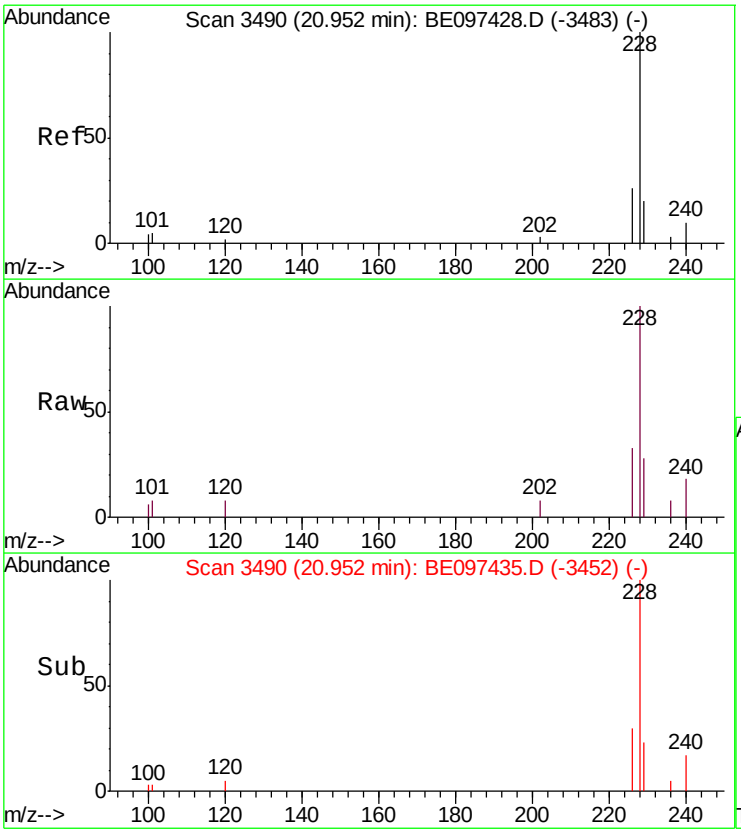
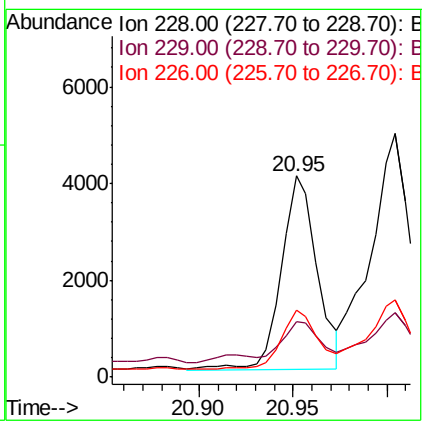


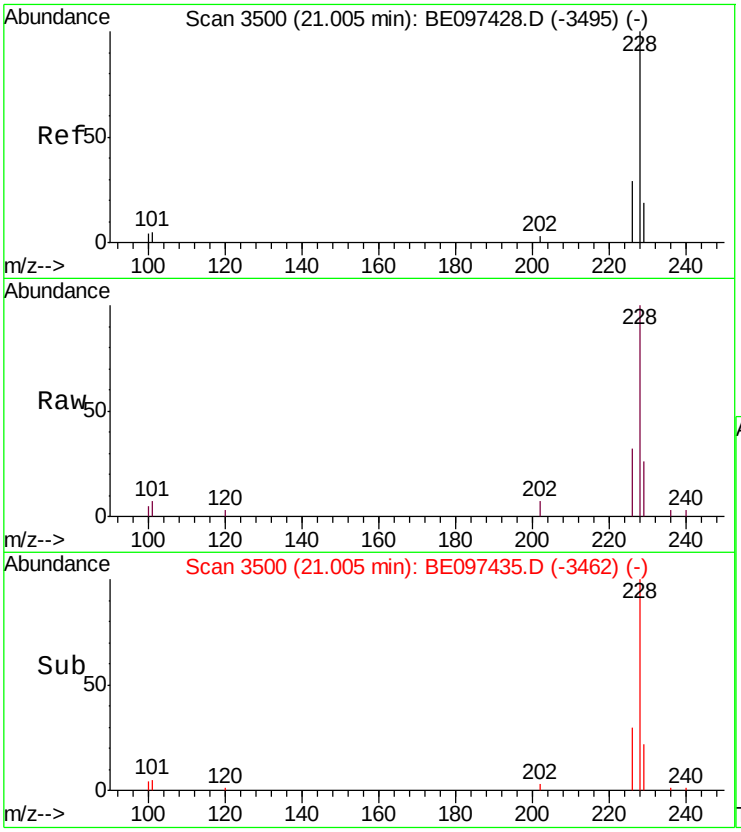


#18
Benzo(a)anthracene
Concen: 0.207 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:228 Resp: 5324

Ion	Ratio	Lower	Upper
228	100		
229	27.8	22.8	34.2
226	33.0	17.0	25.6#

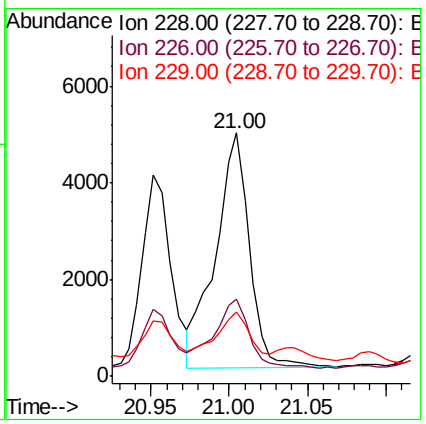




#19
Chrysene
Concen: 0.246 ng/ul
RT: 21.00 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:228 Resp: 7305

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	26.5	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
A3Z20DL

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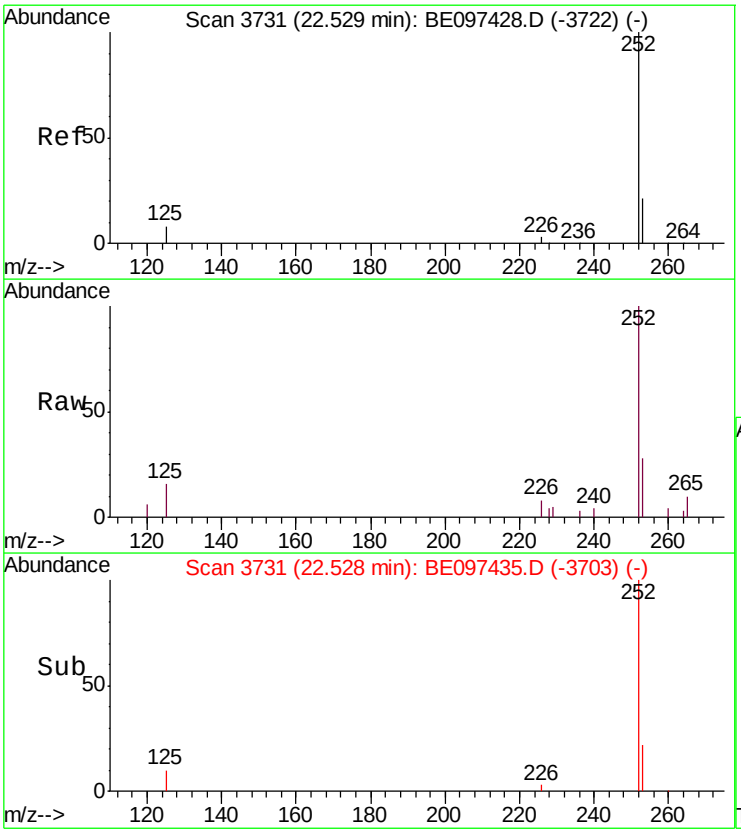
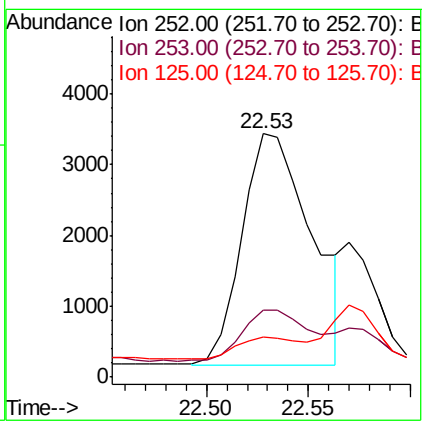
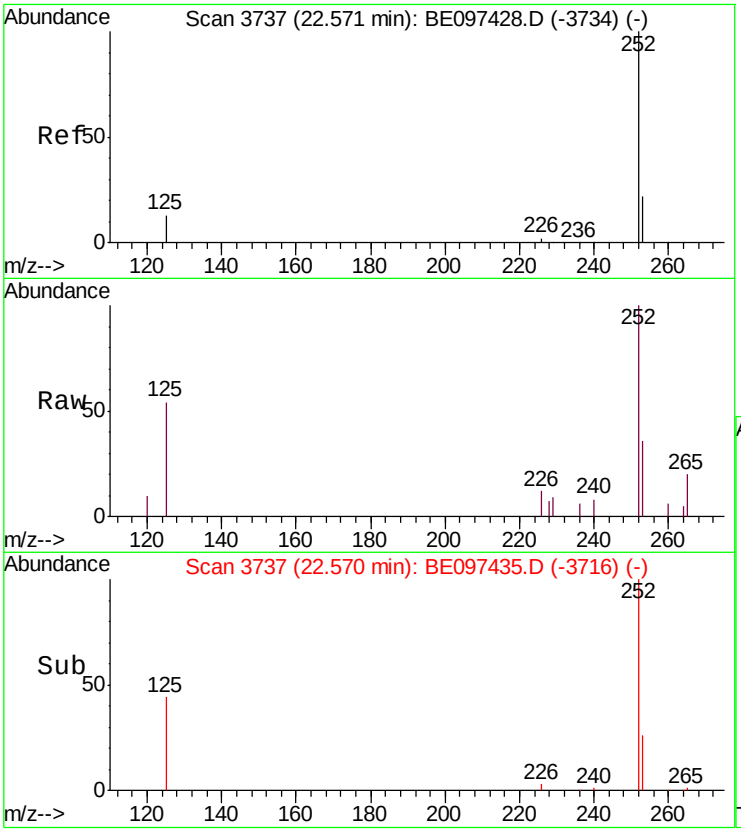


#21
Benzo(b)fluoranthene
Concen: 0.268 ng/ul m
RT: 22.53 min Scan# 3731
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:252 Resp: 7800

Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	64.2
125	16.3	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.063 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:252 Resp: 2040

Ion	Ratio	Lower	Upper
252	100		
253	36.2	24.5	36.7
125	53.9	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3Z20DL

Manual Integrations APPROVED
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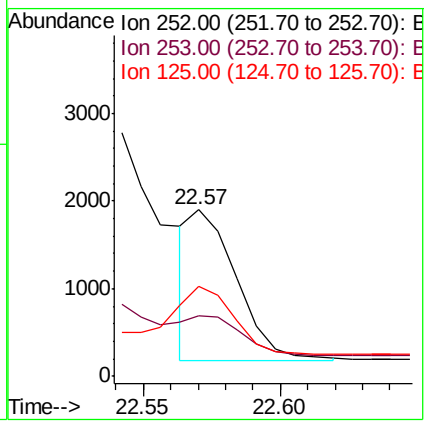
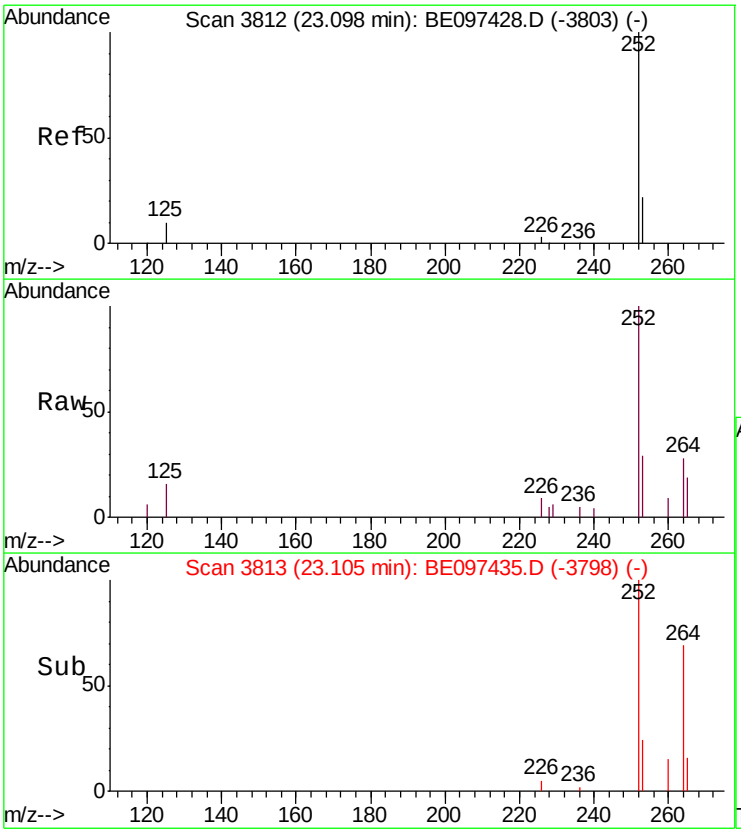
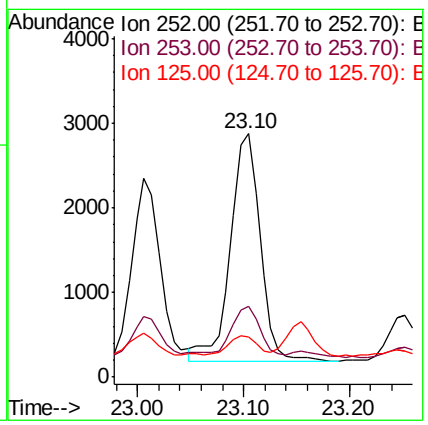


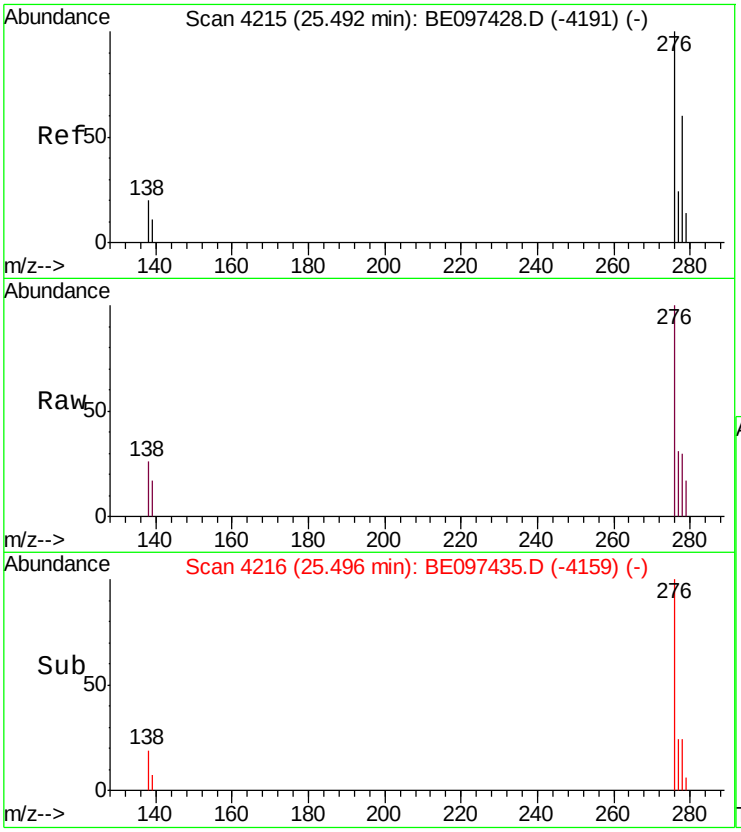


#23
Benzo(a)pyrene
Concen: 0.192 ng/ul
RT: 23.10 min Scan# 3813
Delta R.T. 0.01 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:252 Resp: 5179

Ion	Ratio	Lower	Upper
252	100		
253	29.2	28.5	42.7
125	16.5	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.101 ng/ul
RT: 25.50 min Scan# 4216
Delta R.T. 0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:276 Resp: 3527

Ion	Ratio	Lower	Upper
276	100		
138	20.4	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3Z20DL

Manual Integrations APPROVED
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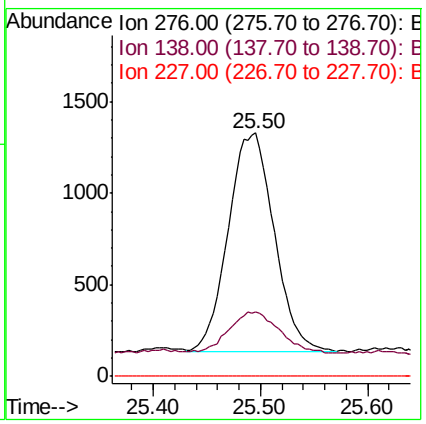
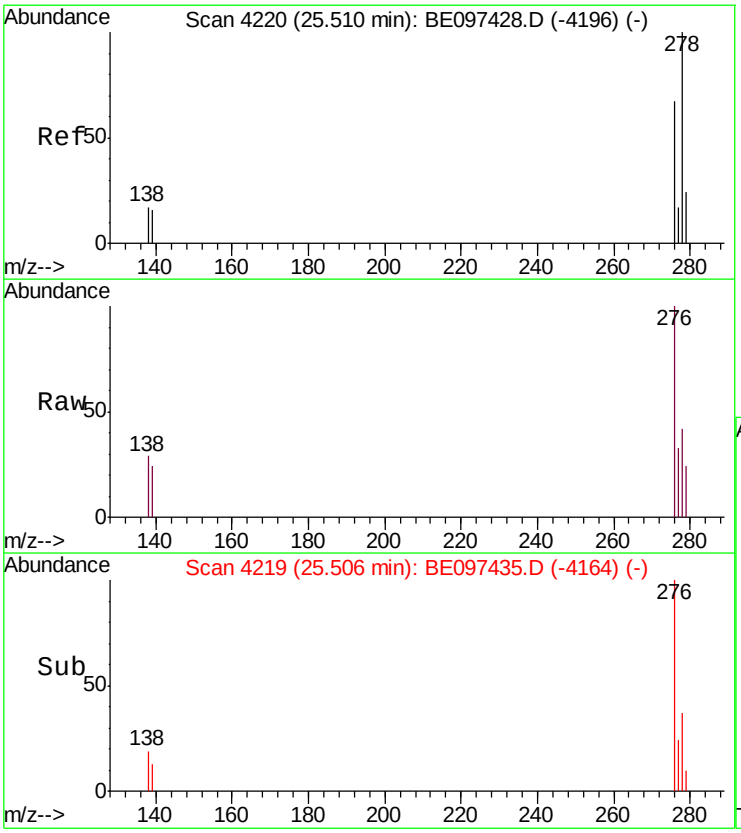
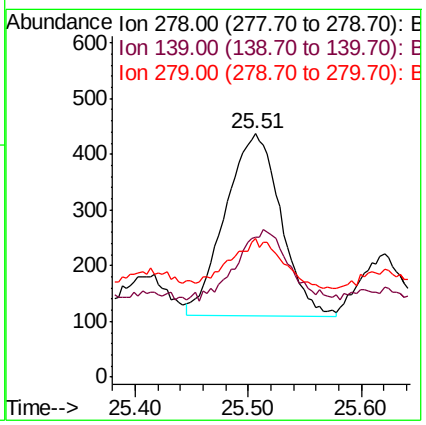


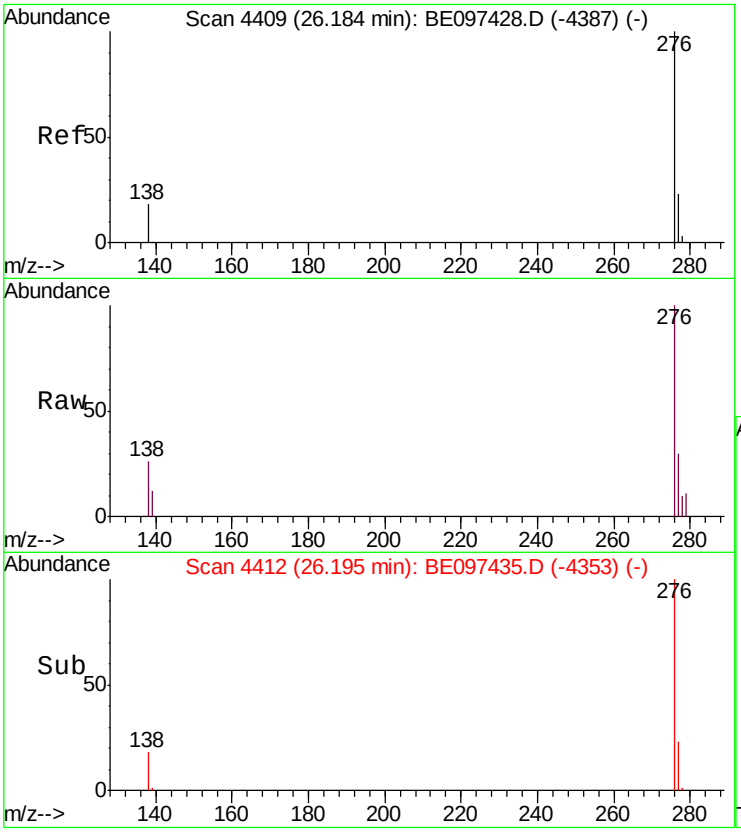


#25
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.51 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:278 Resp: 1118

Ion	Ratio	Lower	Upper
278	100		
139	57.4	17.4	26.0#
279	56.8	25.9	38.9#

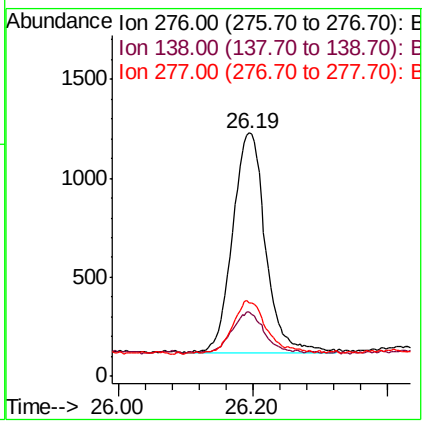




#26
Benzo(g,h,i)perylene
Concen: 0.126 ng/ul
RT: 26.19 min Scan# 4412
Delta R.T. 0.01 min
Lab File: BE097435.D
Acq: 7 Sep 2018 23:59

Tgt Ion:276 Resp: 3740

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.8
277	30.1	20.5	30.7



Instrument :
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ClientSampleId :
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