Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097474.D
Acq On : 13 Sep 2018 5:33
Operator : SJ/JU
Sample : J4792-14DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 13 08:15:29 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 : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : A3YX8DL

Manual Integrations APPROVED
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9/13/2018 5:42:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1205	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4622	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	11800	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12714	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	14006	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	541	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1959	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	1085	0.065	ng/ul#	89
5) 2-Methylnaphthalene	11.79	142	525	0.050	ng/ul	96
7) Acenaphthylene	13.73	152	1273	0.076	ng/ul#	89
8) Acenaphthene	14.07	153	735	0.051	ng/ul#	93
9) Fluorene	15.07	166	742	0.045	ng/ul#	85
12) Phenanthrene	16.80	178	13029	0.429	ng/ul#	90
13) Anthracene	16.89	178	2562	0.100	ng/ul#	94
15) Fluoranthene	18.84	202	27211	0.697	ng/ul	84
17) Pyrene	19.20	202	28585	0.835	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	15233	0.466	ng/ul#	86
19) Chrysene	21.01	228	19649	0.522	ng/ul#	86
21) Benzo(b)fluoranthene	22.54	252	26397m	0.704	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	8797m	0.210	ng/ul	
23) Benzo(a)pyrene	23.11	252	16042	0.462	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	15091	0.336	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.51	278	4408	0.116	ng/ul#	14
26) Benzo(g,h,i)perylene	26.21	276	15569	0.406	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097474.D
Acq On : 13 Sep 2018 5:33
Operator : SJ/JU
Sample : J4792-14DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 13 08:15:29 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 : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3YX8DL

Manual Integrations APPROVED
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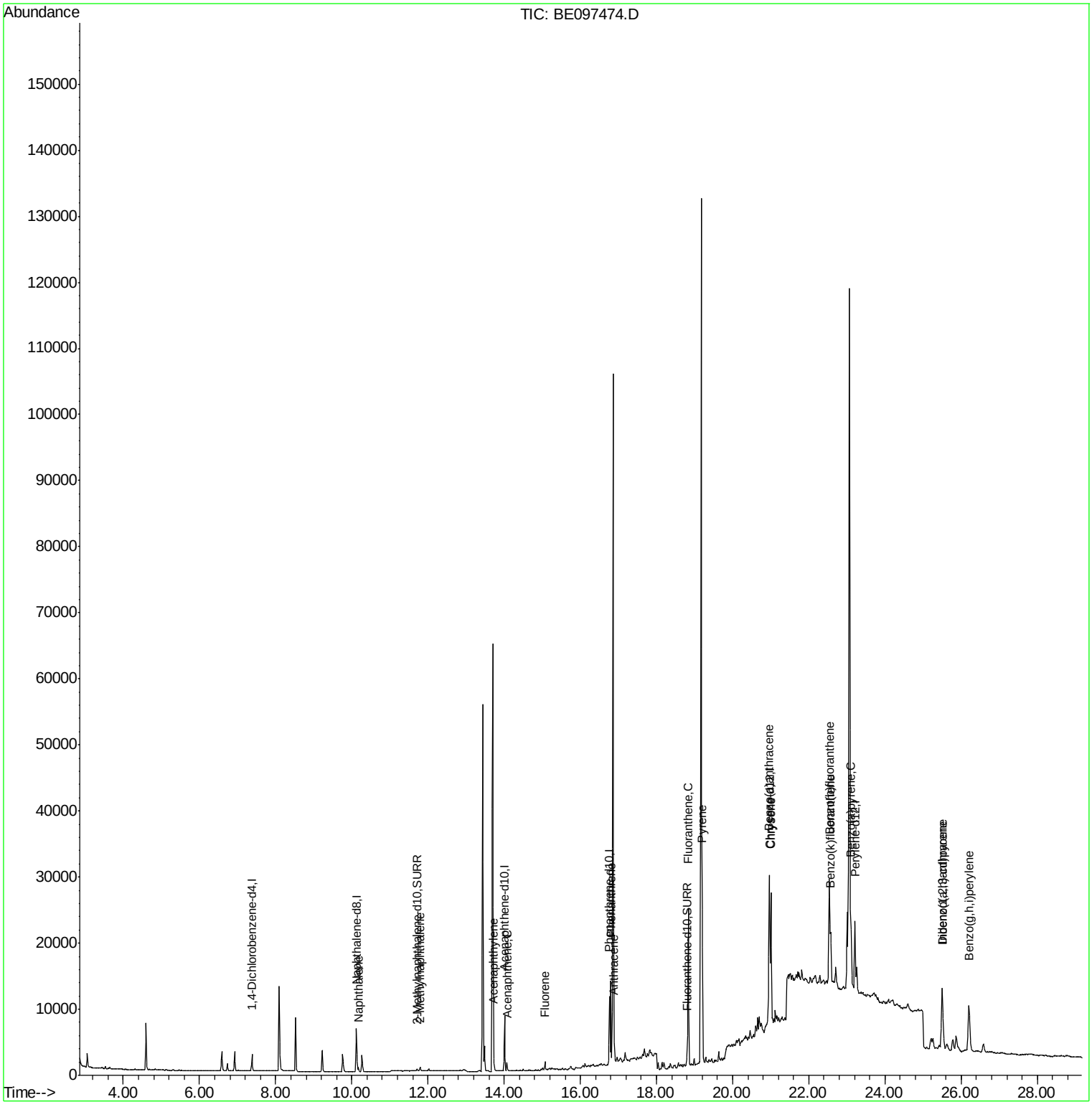

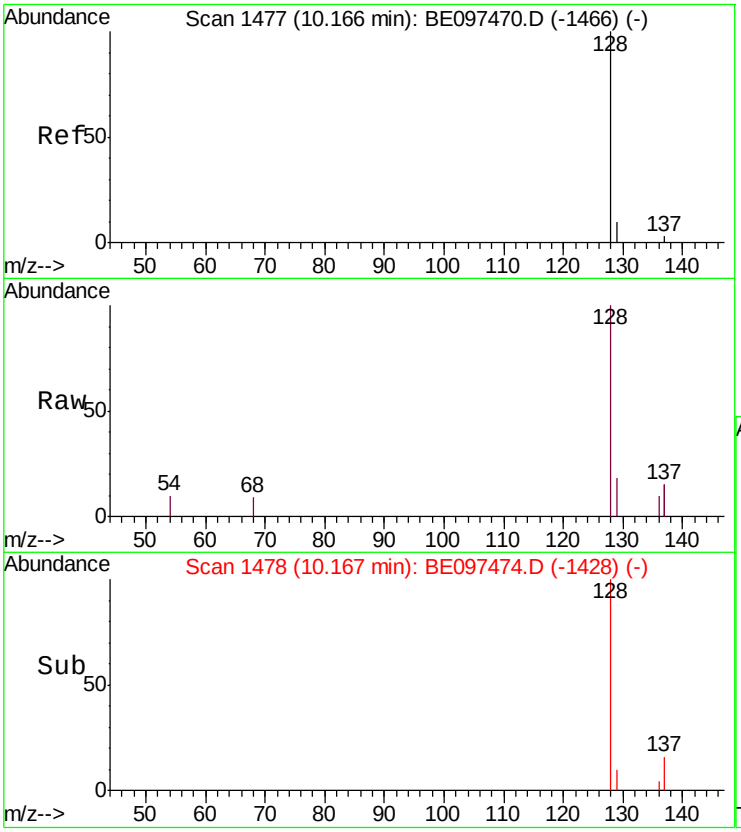

#3
Naphthalene
Concen: 0.065 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:128 Resp: 1085

Ion	Ratio	Lower	Upper
128	100		
129	17.9	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3YX8DL

Manual Integrations APPROVED
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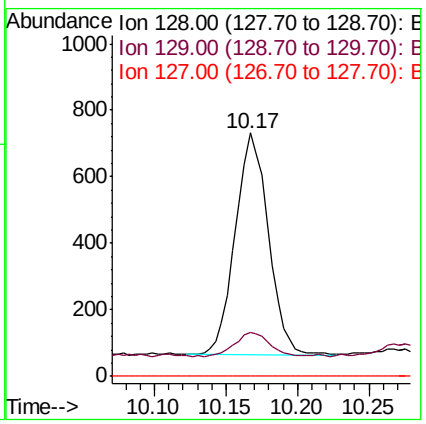
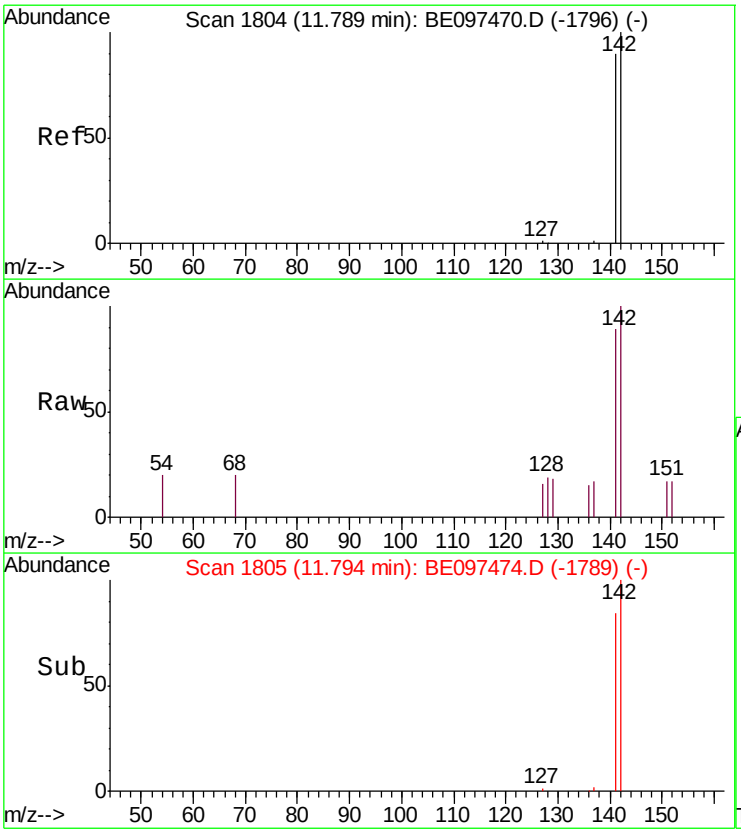
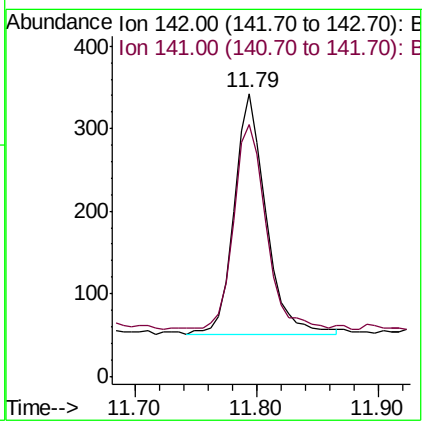


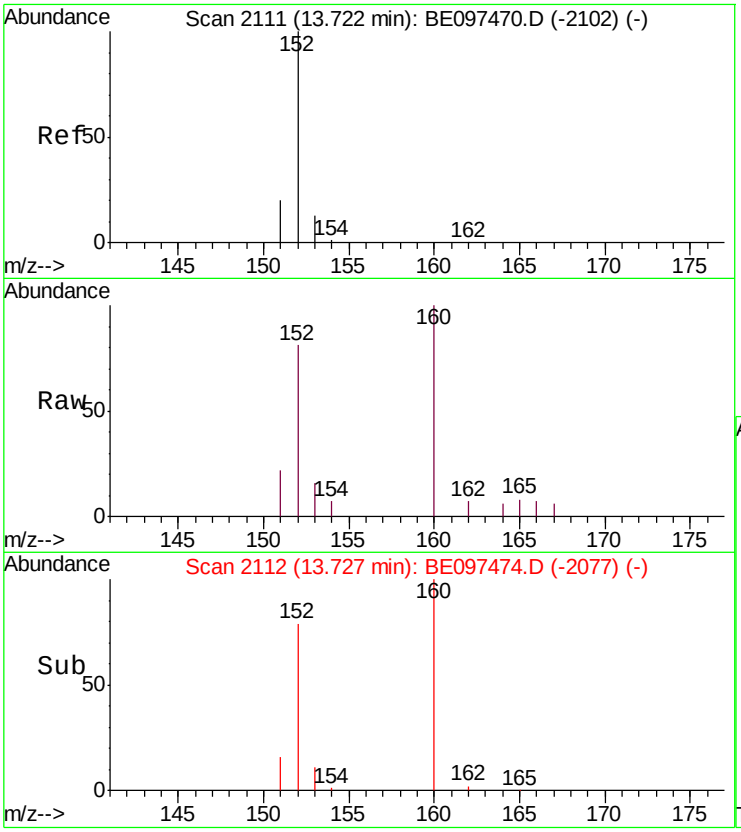


#5
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 11.79 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:142 Resp: 525

Ion	Ratio	Lower	Upper
142	100		
141	86.9	72.6	108.8





#7
Acenaphthylene
Concen: 0.076 ng/ul
RT: 13.73 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:152 Resp: 1273

Ion	Ratio	Lower	Upper
152	100		
151	26.8	17.1	25.7#
153	20.1	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
A3YX8DL

Manual Integrations APPROVED
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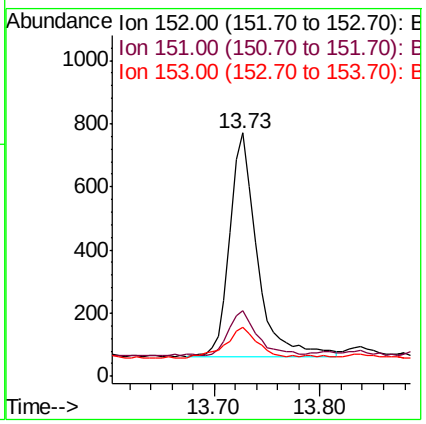
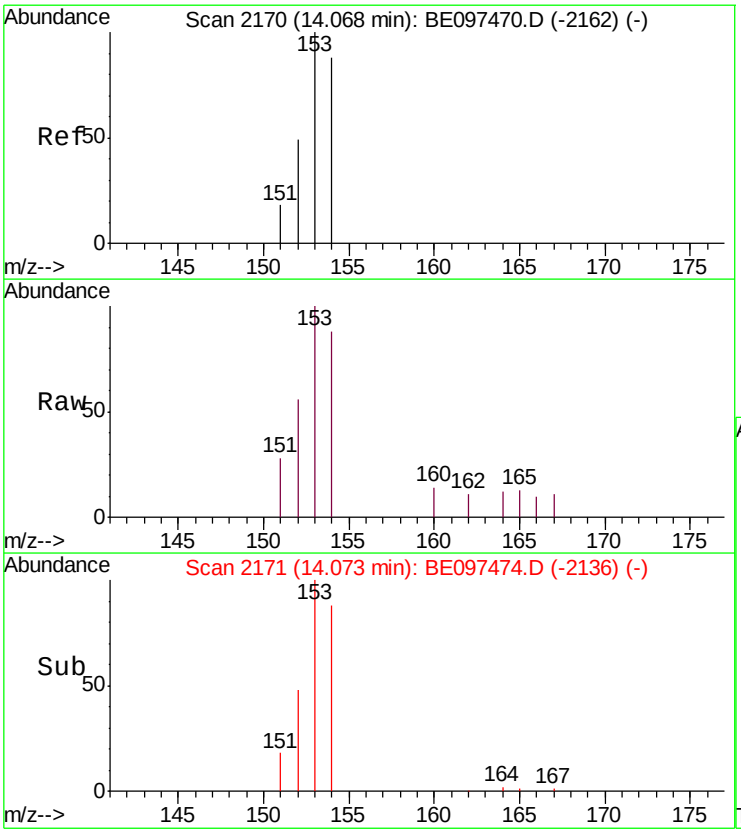
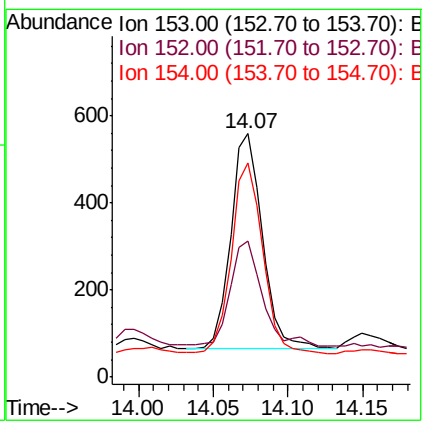


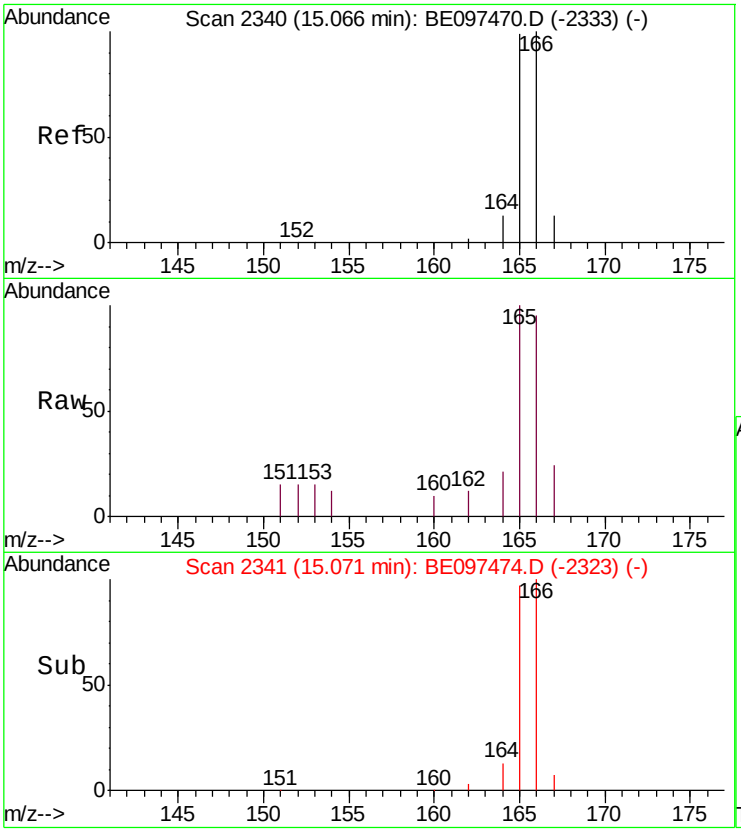


#8
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.07 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:153 Resp: 735

Ion	Ratio	Lower	Upper
153	100		
152	55.8	36.0	54.0#
154	88.0	72.0	108.0

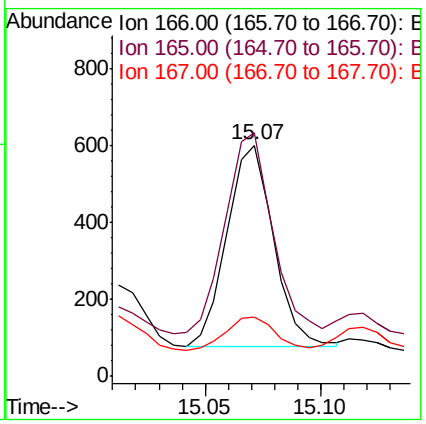




#9
Fluorene
Concen: 0.045 ng/ul
RT: 15.07 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:166 Resp: 742

Ion	Ratio	Lower	Upper
166	100		
165	105.3	73.4	110.2
167	25.7	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
A3YX8DL

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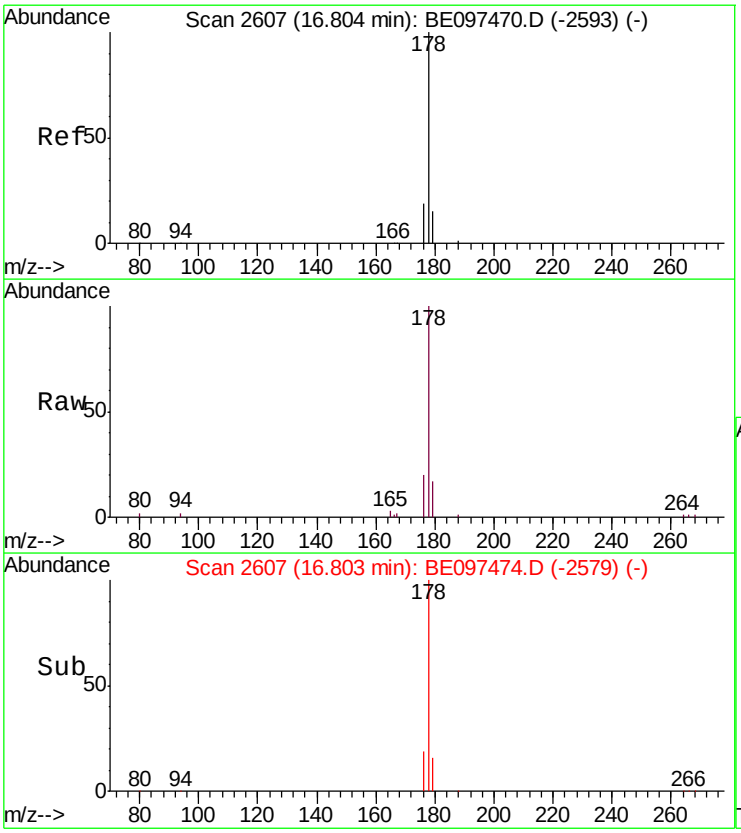
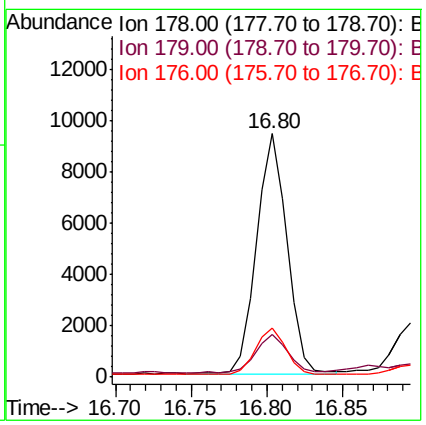
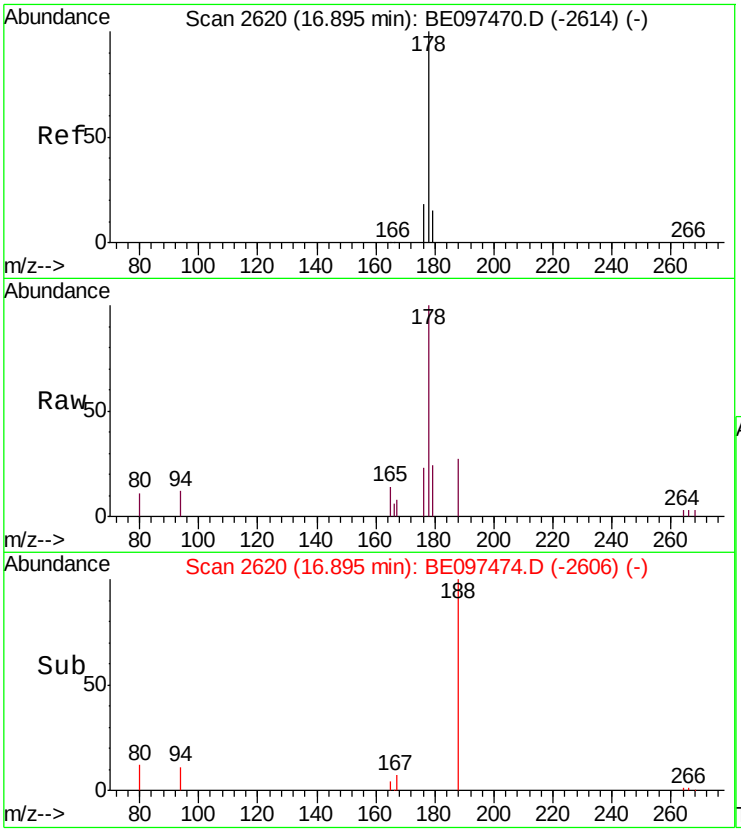


#12
Phenanthrene
Concen: 0.429 ng/ul
RT: 16.80 min Scan# 2607
Delta R.T. -0.00 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:178 Resp: 13029

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6#
176	20.0	13.6	20.4





#13
Anthracene
Concen: 0.100 ng/ul
RT: 16.89 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:178 Resp: 2562

Ion	Ratio	Lower	Upper
178	100		
179	24.0	18.1	27.1
176	22.8	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
A3YX8DL

Manual Integrations APPROVED
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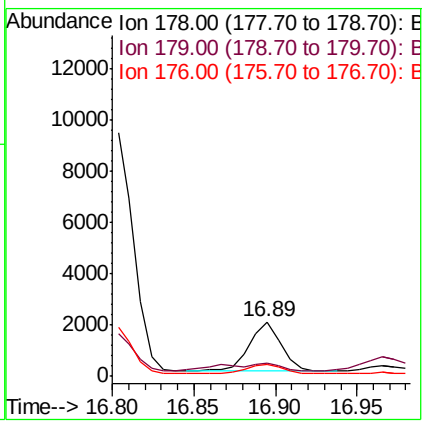
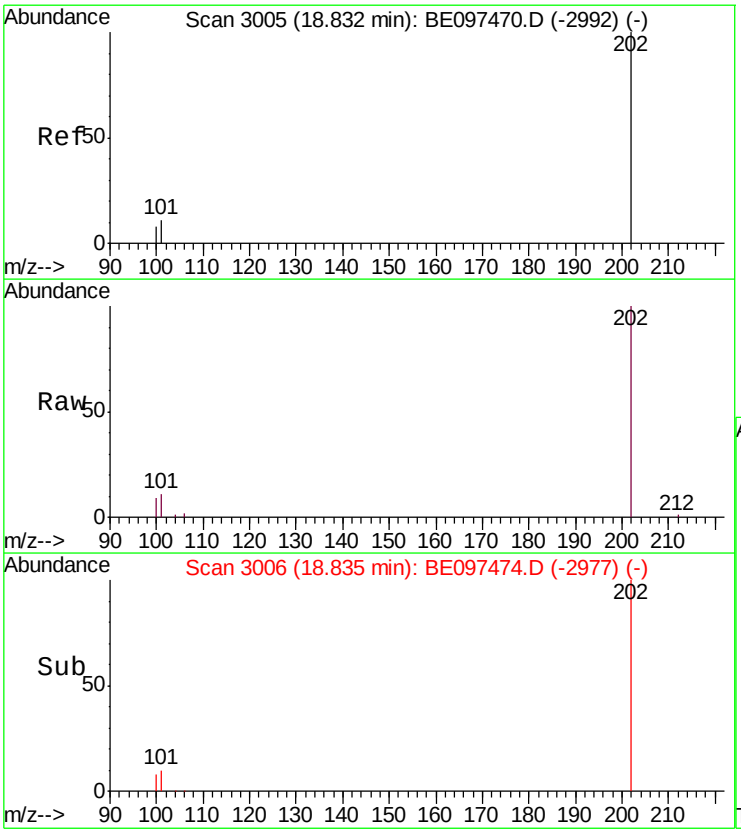
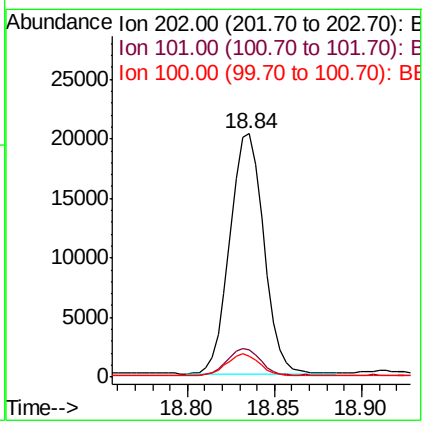


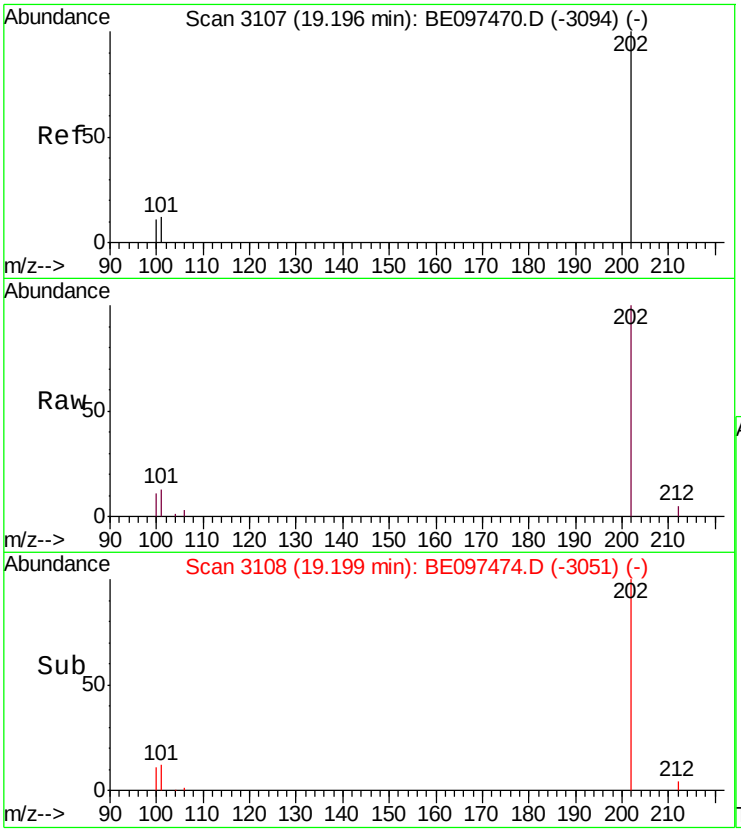


#15
Fluoranthene
Concen: 0.697 ng/ul
RT: 18.84 min Scan# 3006
Delta R.T. 0.00 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:202 Resp: 27211

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
100	8.6	0.0	39.5





#17
Pyrene
Concen: 0.835 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:202 Resp: 28585

Ion	Ratio	Lower	Upper
202	100		
101	12.9	18.2	27.4#
100	11.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3YX8DL

Manual Integrations APPROVED
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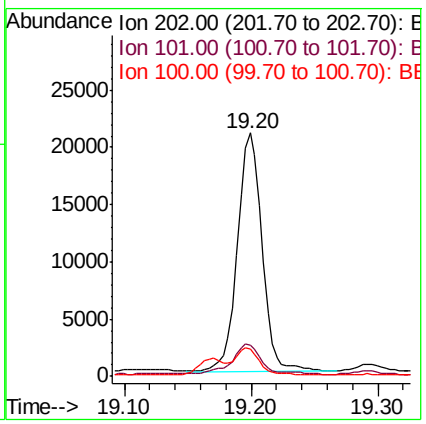
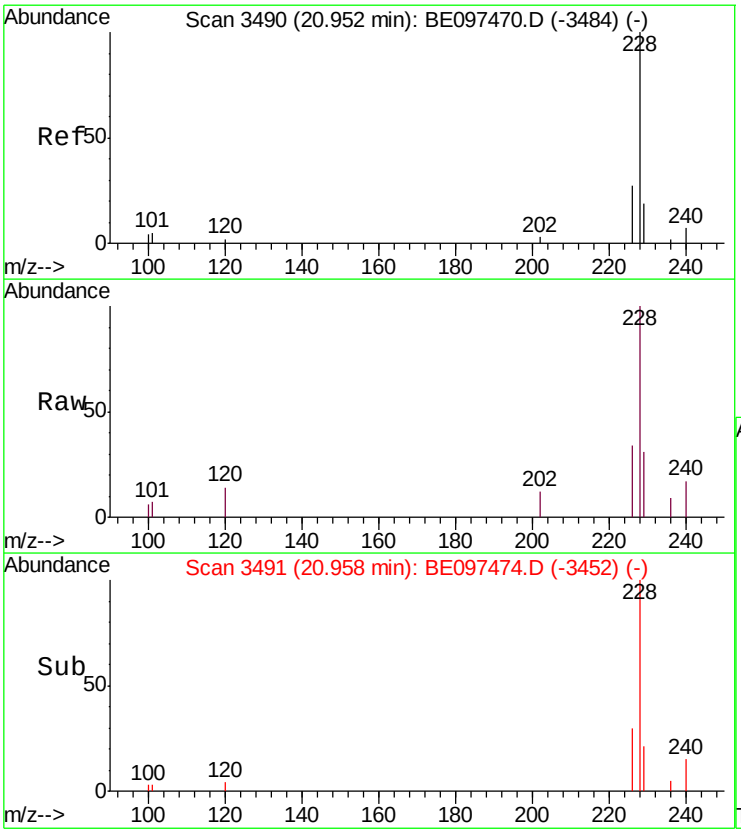
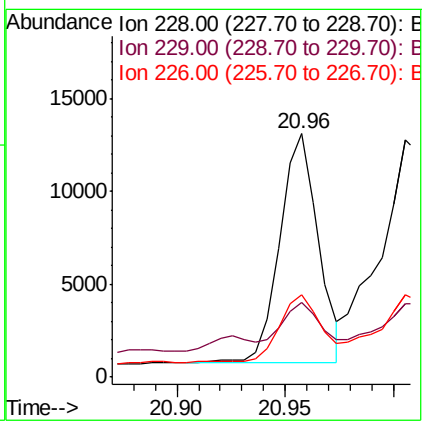


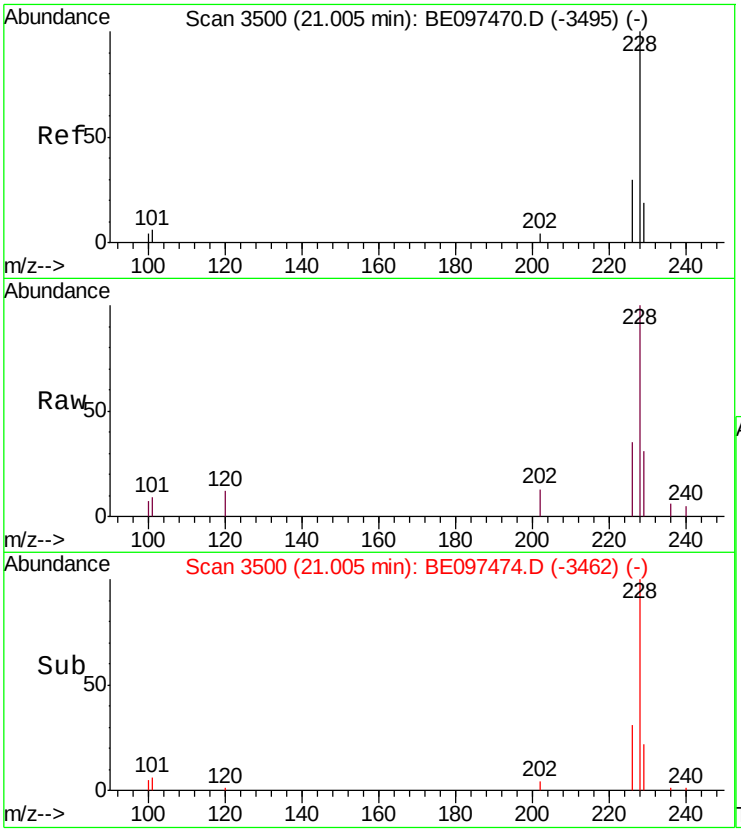


#18
Benzo(a)anthracene
Concen: 0.466 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:228 Resp: 15233

Ion	Ratio	Lower	Upper
228	100		
229	30.6	22.8	34.2
226	33.7	17.0	25.6#





#19
Chrysene
Concen: 0.522 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:228 Resp: 19649

Ion	Ratio	Lower	Upper
228	100		
226	34.7	23.4	35.0
229	30.8	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
A3YX8DL

Manual Integrations APPROVED
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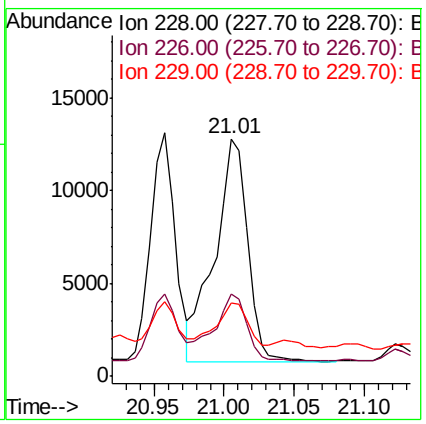
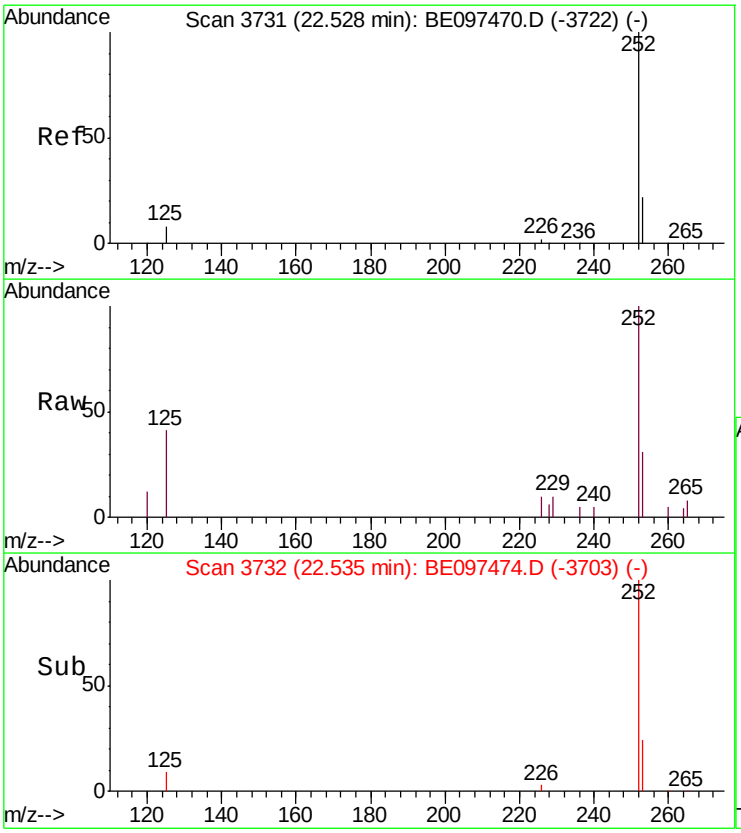
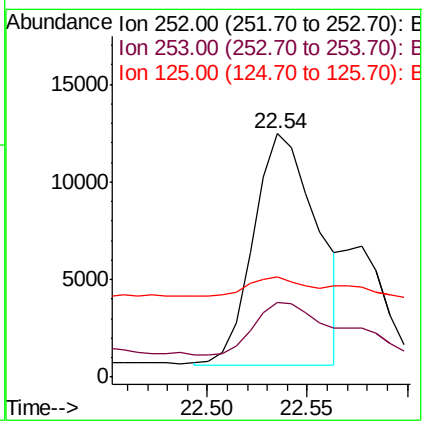


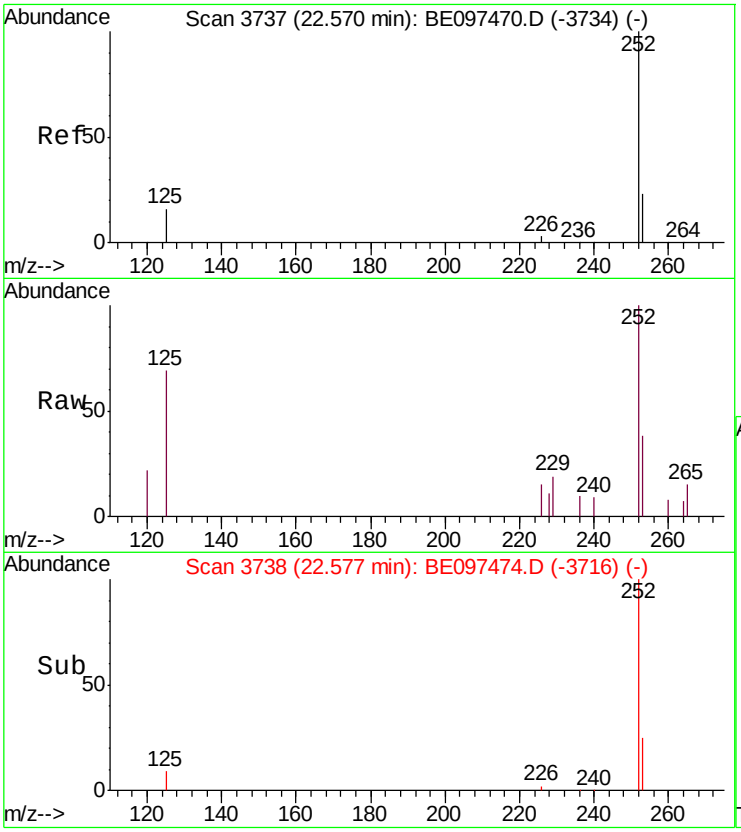


#21
Benzo(b)fluoranthene
Concen: 0.704 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:252 Resp: 26397

Ion	Ratio	Lower	Upper
252	100		
253	30.7	0.0	64.2
125	41.2	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.210 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:252 Resp: 8797

Ion	Ratio	Lower	Upper
252	100		
253	37.9	24.5	36.7#
125	68.6	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3YX8DL

Manual Integrations APPROVED
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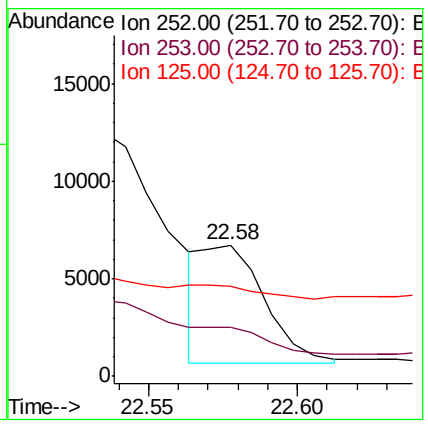
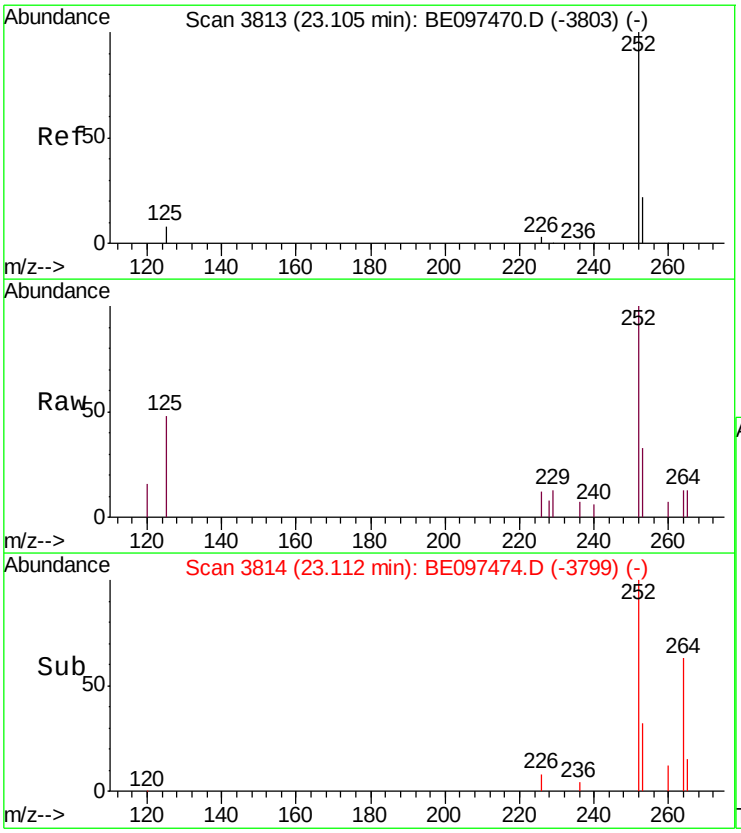
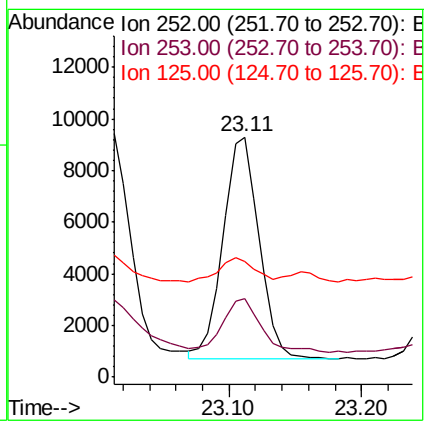


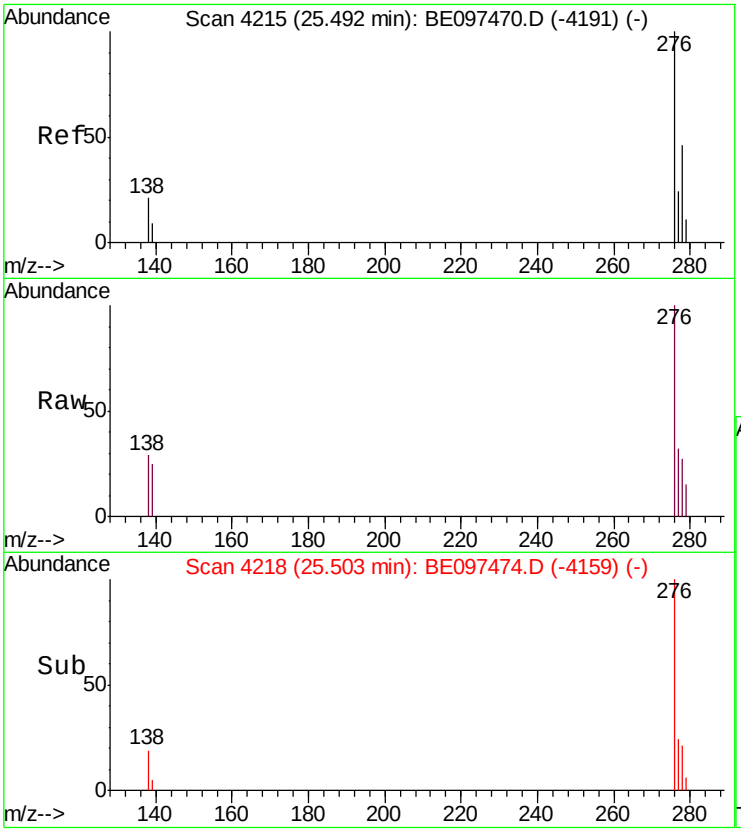


#23
Benzo(a)pyrene
Concen: 0.462 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:252 Resp: 16042

Ion	Ratio	Lower	Upper
252	100		
253	32.6	28.5	42.7
125	48.3	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 25.50 min Scan# 4218
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:276 Resp: 15091

Ion	Ratio	Lower	Upper
276	100		
138	20.1	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3YX8DL

Manual Integrations APPROVED
Sohil
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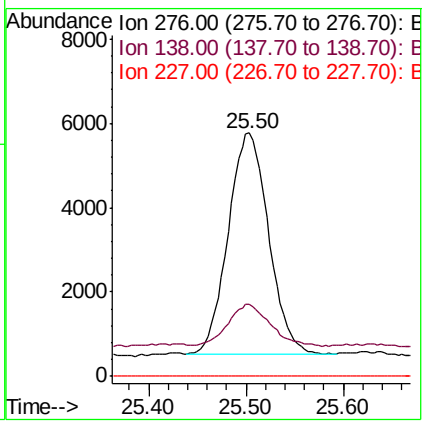
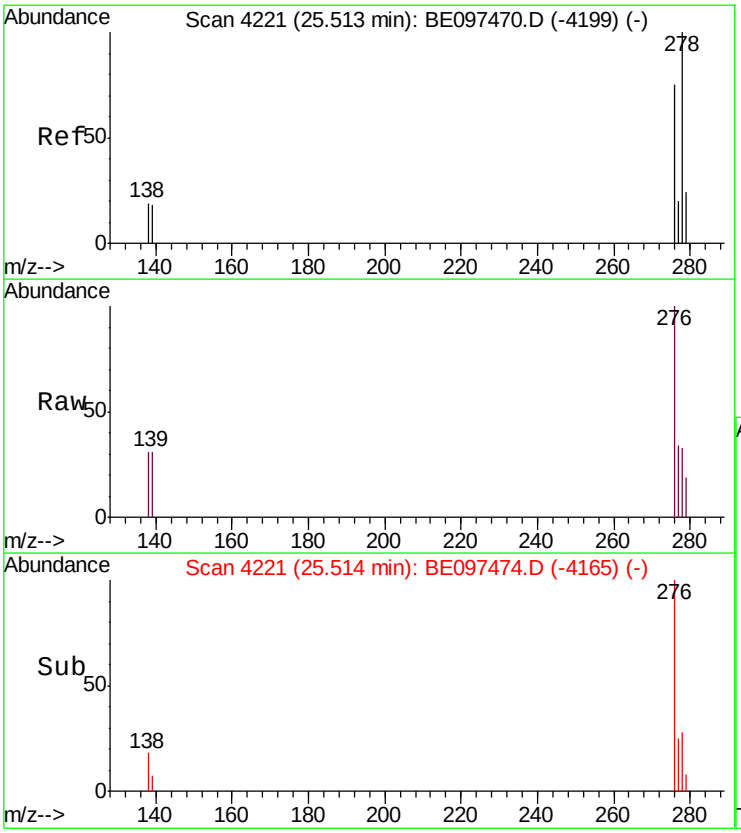
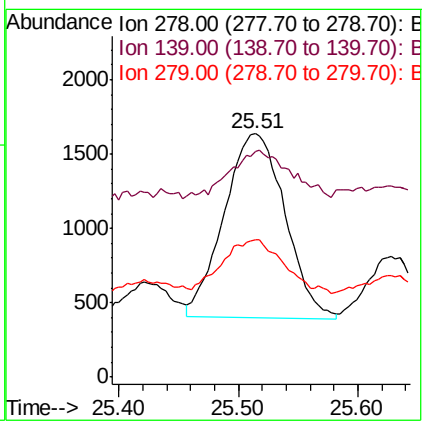


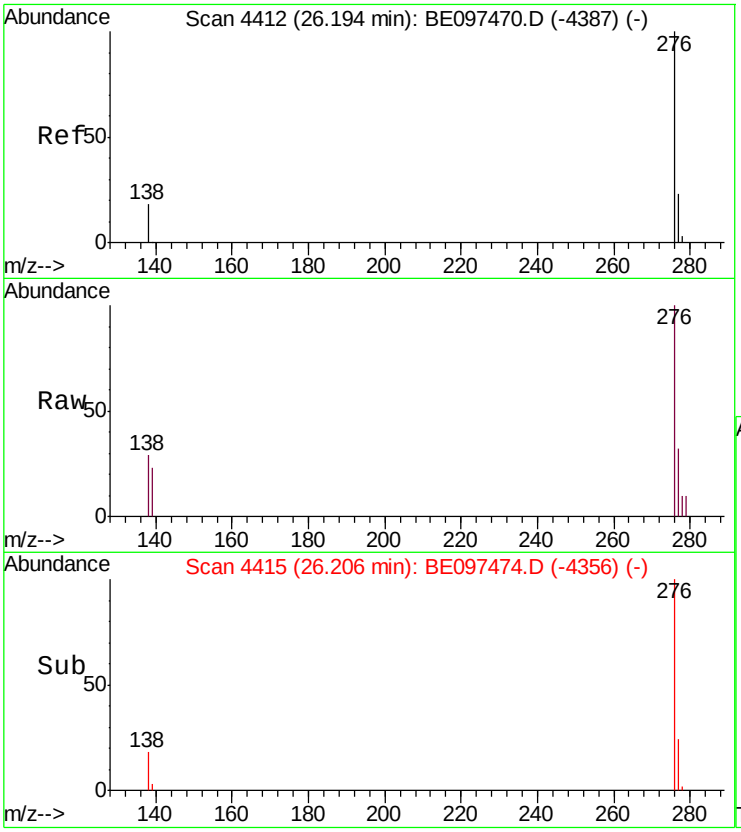


#25
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.51 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:278 Resp: 4408

Ion	Ratio	Lower	Upper
278	100		
139	92.7	17.4	26.0#
279	56.2	25.9	38.9#

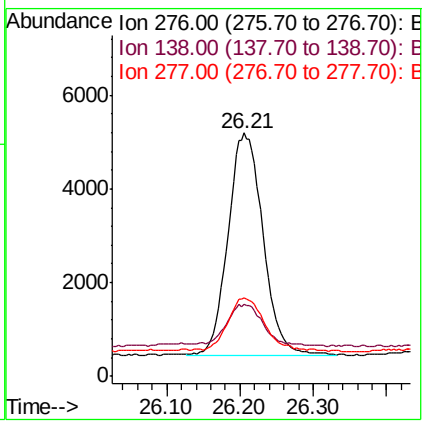




#26
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 26.21 min Scan# 4415
Delta R.T. 0.01 min
Lab File: BE097474.D
Acq: 13 Sep 2018 5:33

Tgt Ion:276 Resp: 15569

Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.8	32.8
277	32.3	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
A3YX8DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:42 PM