Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 08 03:00:08 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 : A3Z22DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	998	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5416	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3593	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9295	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11143	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10651	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	442	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1548	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	22085	1.672	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	6856	0.821	ng/ul	97
7) Acenaphthylene	13.73	152	7824	0.598	ng/ul	99
8) Acenaphthene	14.07	153	12862	1.142	ng/ul	95
9) Fluorene	15.06	166	12732	0.987	ng/ul	92
12) Phenanthrene	16.80	178	226266	9.456	ng/ul#	89
13) Anthracene	16.89	178	34037	1.692	ng/ul#	91
15) Fluoranthene	18.83	202	356963	11.613	ng/ul	84
17) Pyrene	19.20	202	313490	10.455	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	168519	5.887	ng/ul#	85
19) Chrysene	21.01	228	184695	5.600	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	262476m	9.202	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	65977m	2.074	ng/ul	
23) Benzo(a)pyrene	23.11	252	159649	6.050	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.49	276	116975	3.420	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.50	278	29777m	1.028	ng/ul	
26) Benzo(g,h,i)perylene	26.19	276	112313	3.852	ng/ul#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
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Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 08 03:00:08 2018
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Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED
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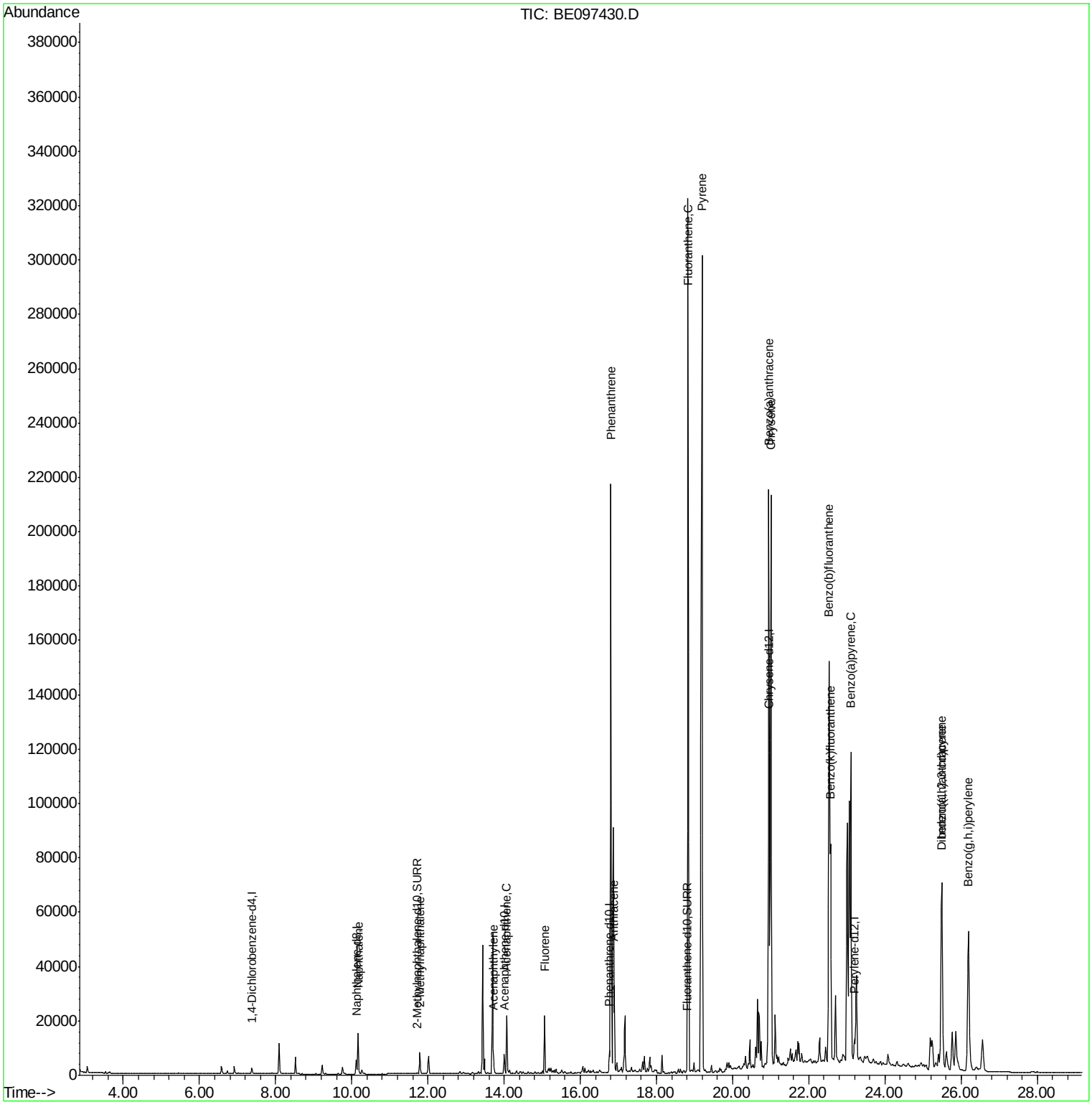

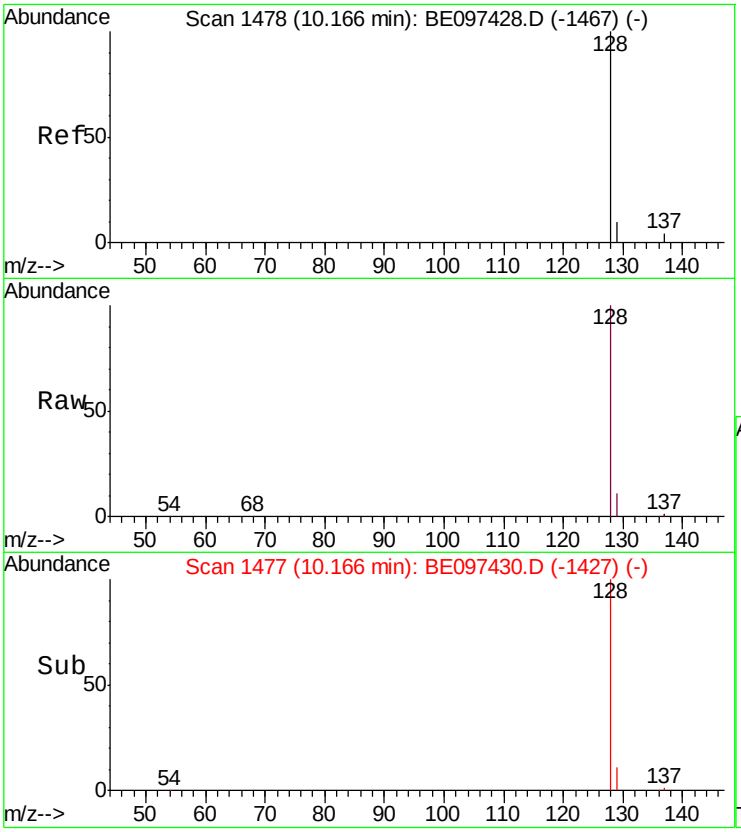

#3
Naphthalene
Concen: 1.672 ng/ul
RT: 10.17 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:128 Resp: 22085

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

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED
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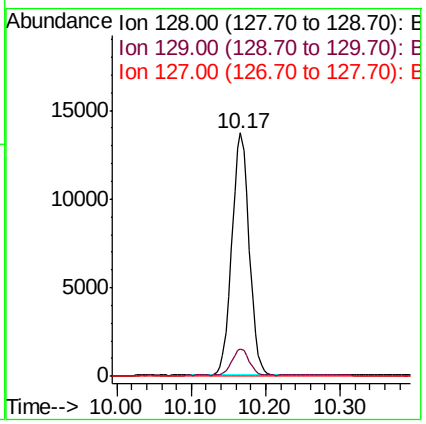
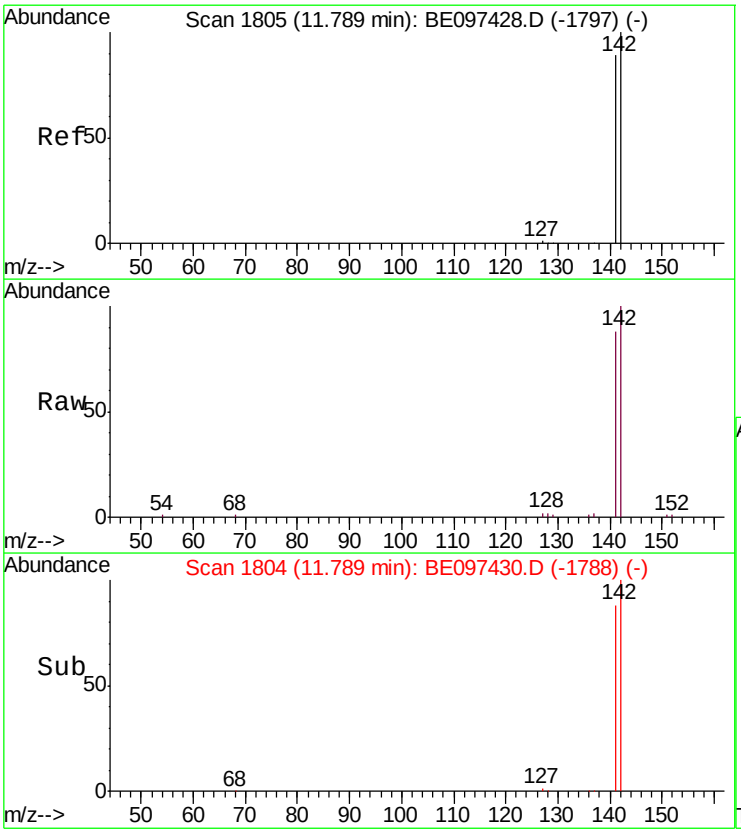
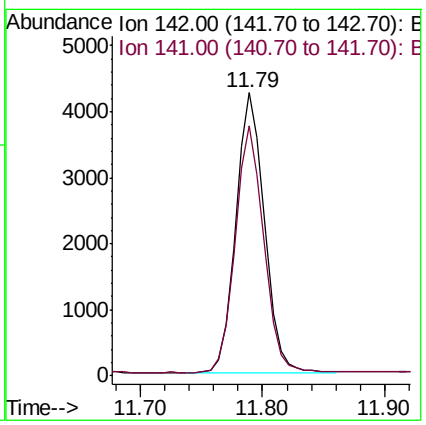


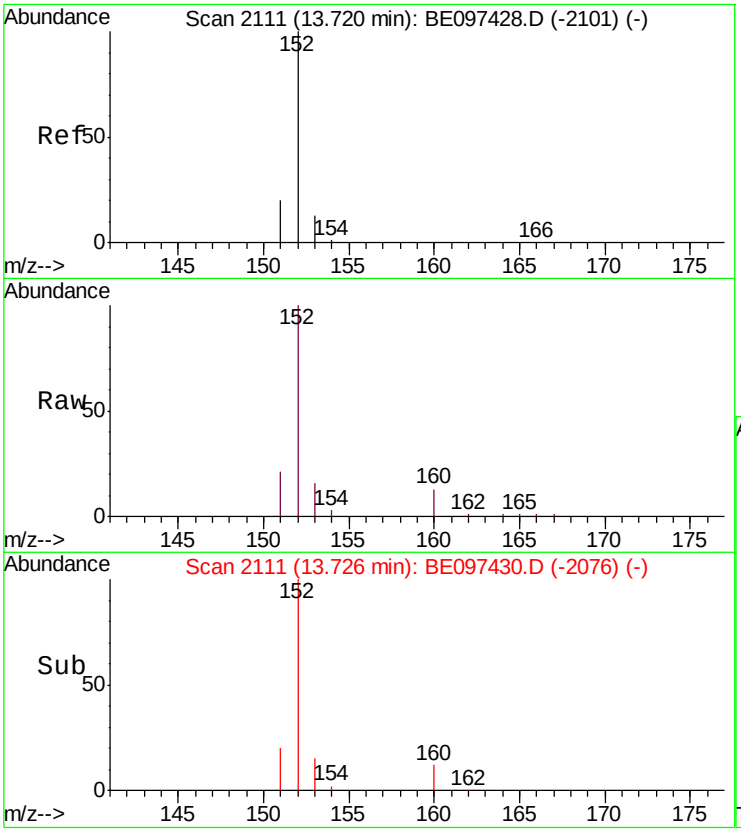


#5
2-Methylnaphthalene
Concen: 0.821 ng/ul
RT: 11.79 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:142 Resp: 6856

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.6	108.8

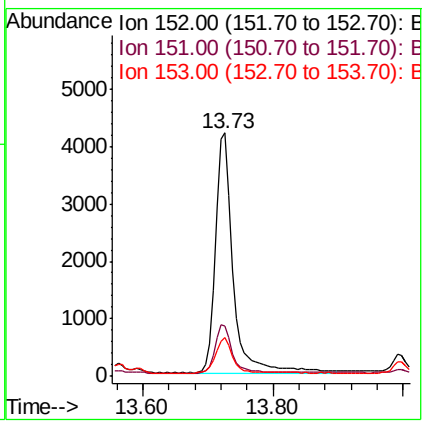




#7
Acenaphthylene
Concen: 0.598 ng/ul
RT: 13.73 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:152 Resp: 7824

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7
153	16.0	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
A3Z22DL

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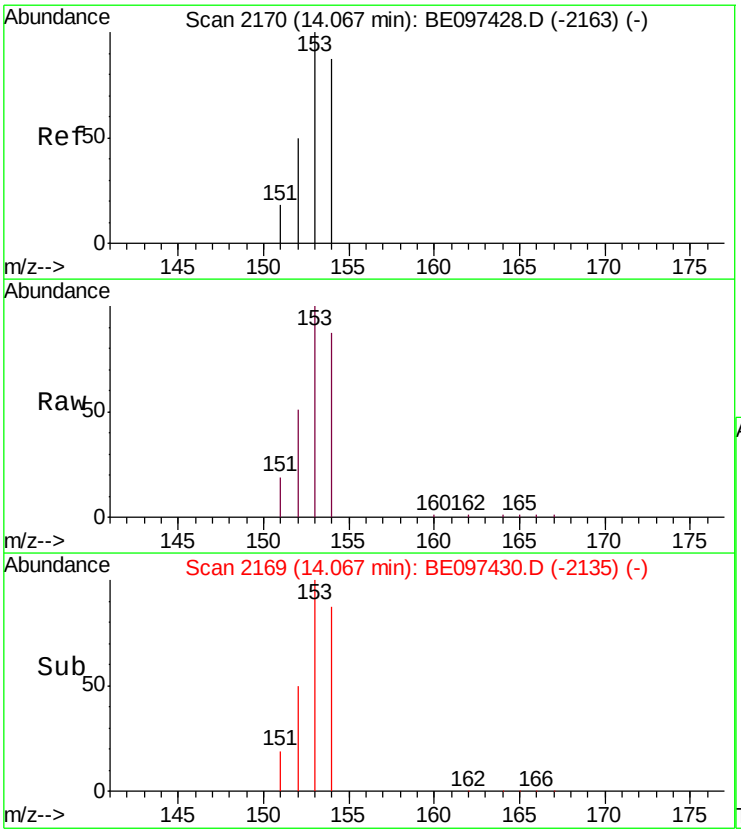
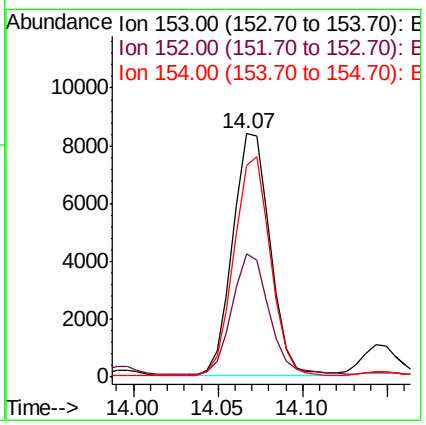
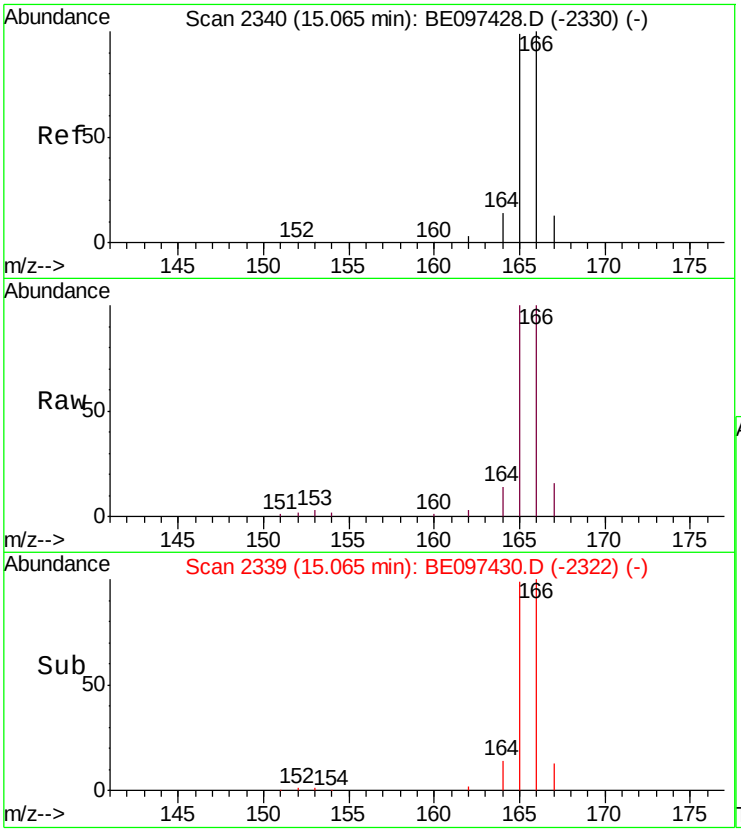


#8
Acenaphthene
Concen: 1.142 ng/ul
RT: 14.07 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:153 Resp: 12862

Ion	Ratio	Lower	Upper
153	100		
152	50.6	36.0	54.0
154	87.0	72.0	108.0

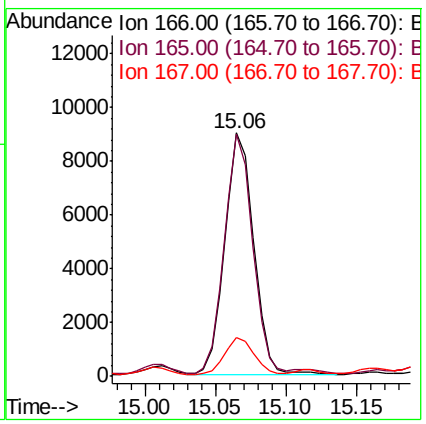




#9
Fluorene
Concen: 0.987 ng/ul
RT: 15.06 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:166 Resp: 12732

Ion	Ratio	Lower	Upper
166	100		
165	99.6	73.4	110.2
167	15.9	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED
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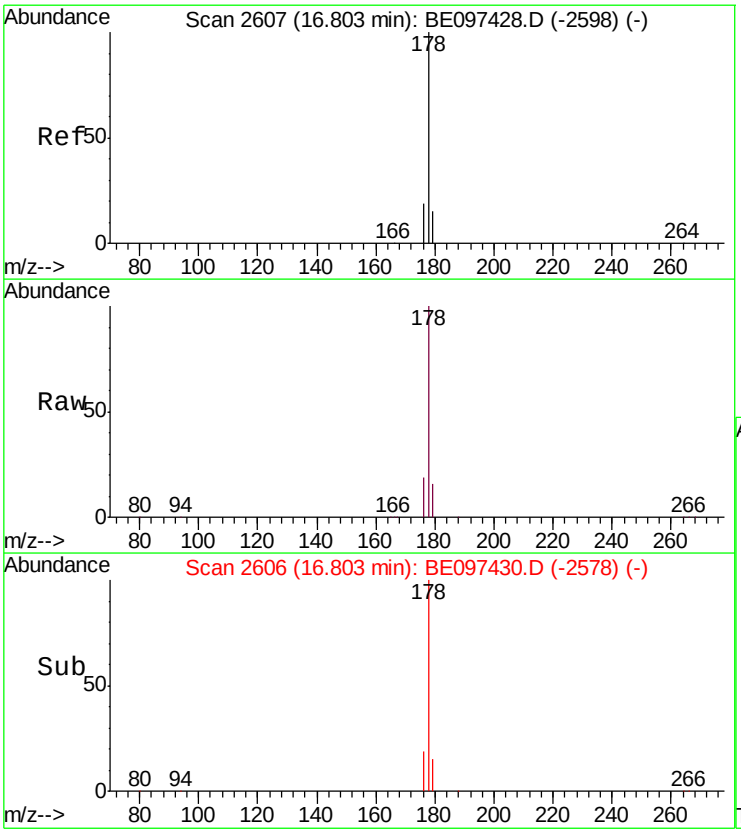
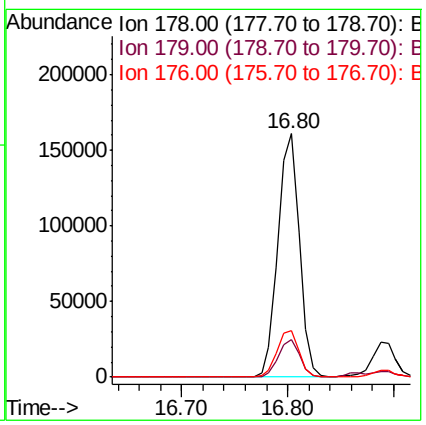
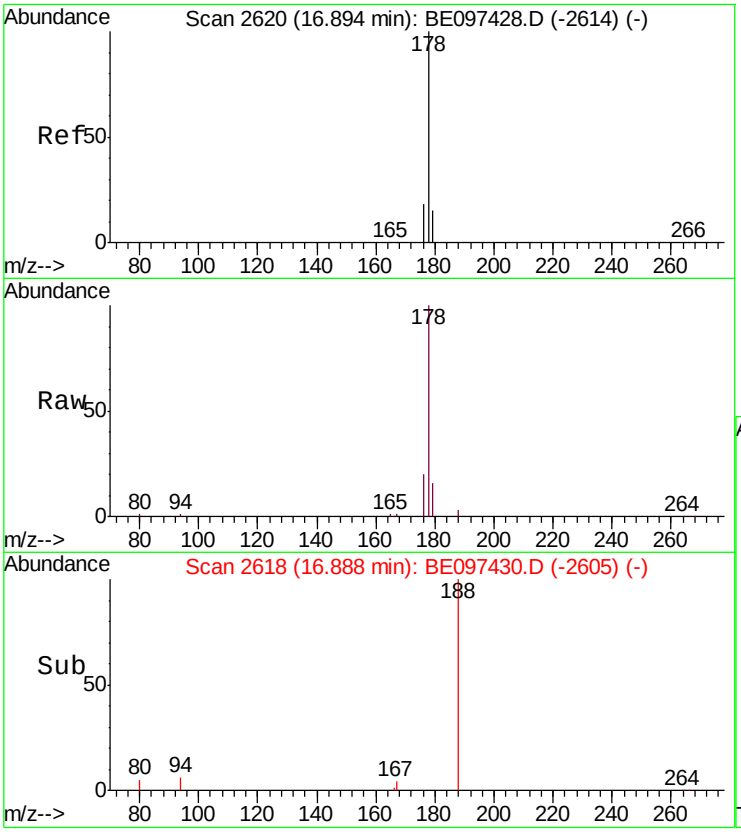


#12
Phenanthrene
Concen: 9.456 ng/ul
RT: 16.80 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:178 Resp: 226266

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.2	13.6	20.4





#13
Anthracene
Concen: 1.692 ng/ul
RT: 16.89 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:178 Resp: 34037

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	19.8	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

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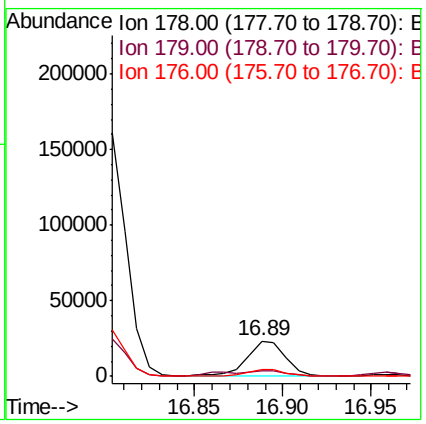
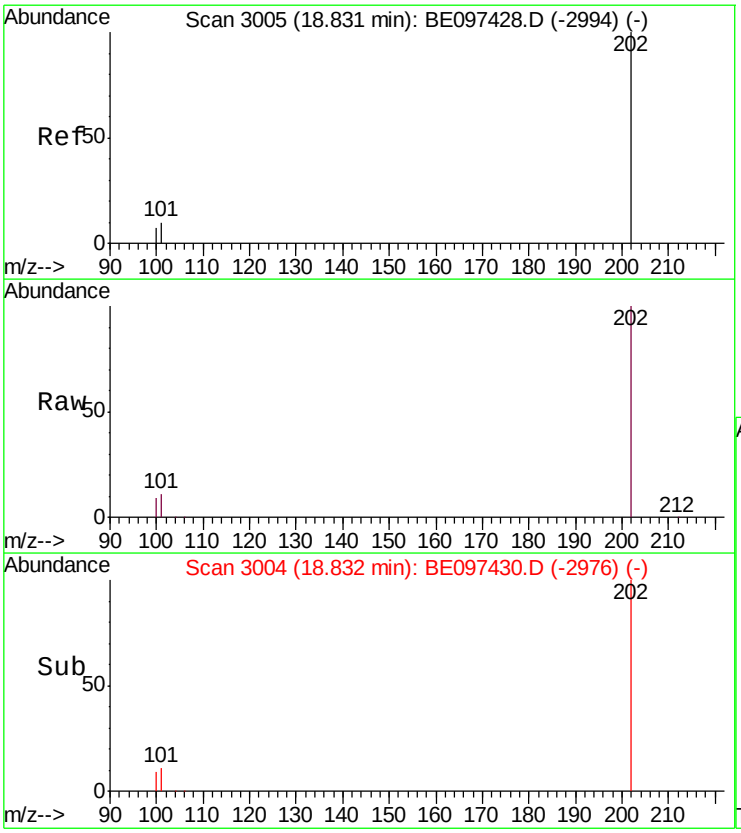
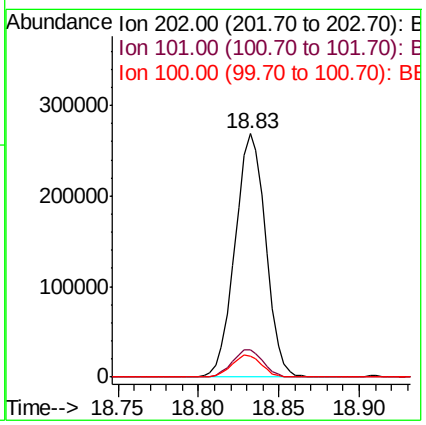


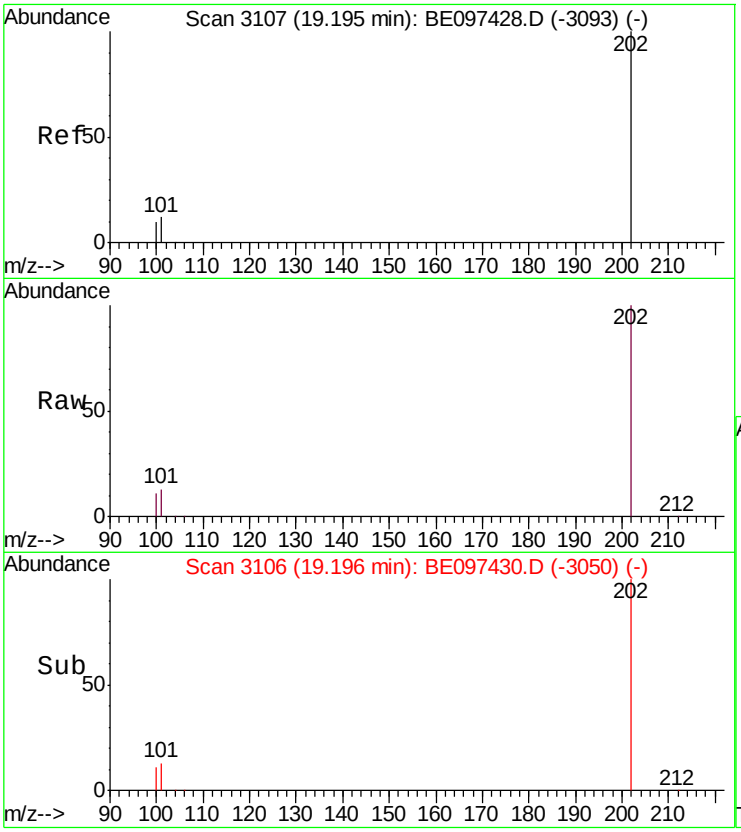


#15
Fluoranthene
Concen: 11.613 ng/ul
RT: 18.83 min Scan# 3004
Delta R.T. 0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:202 Resp: 356963

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	8.8	0.0	39.5





#17
Pyrene
Concen: 10.455 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:202 Resp: 313490

Ion	Ratio	Lower	Upper
202	100		
101	12.7	18.2	27.4#
100	10.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

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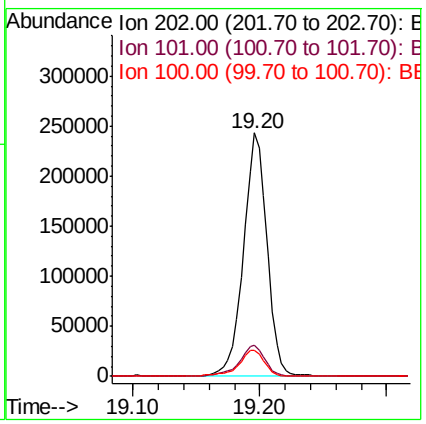
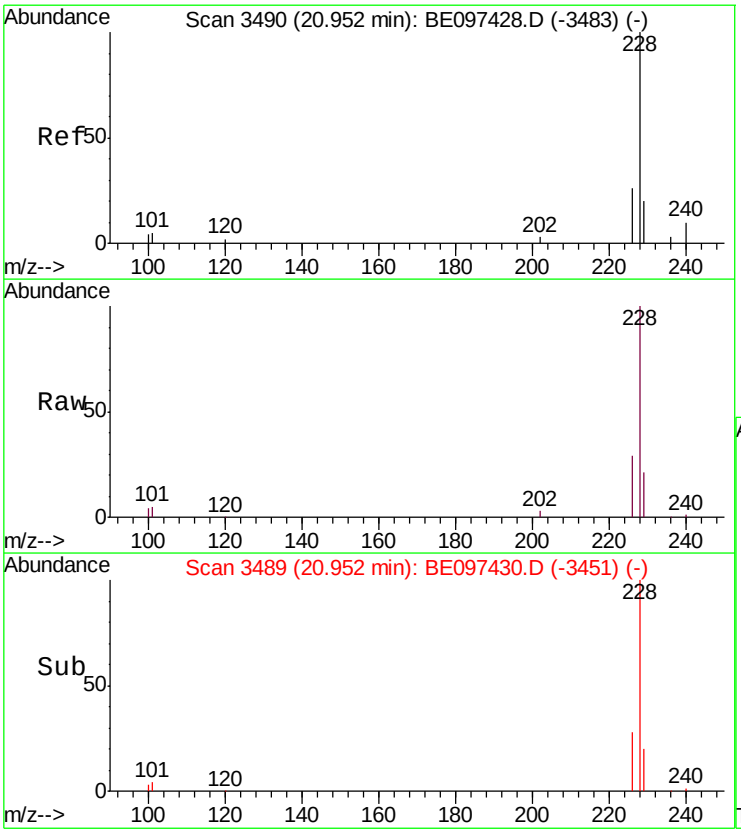
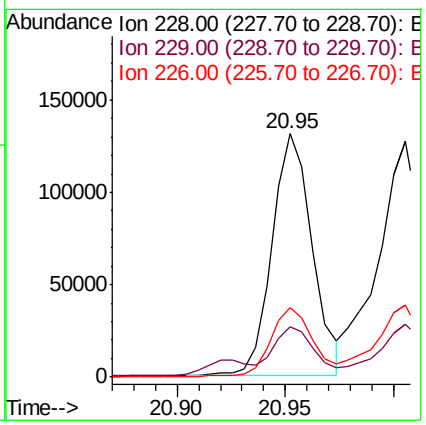


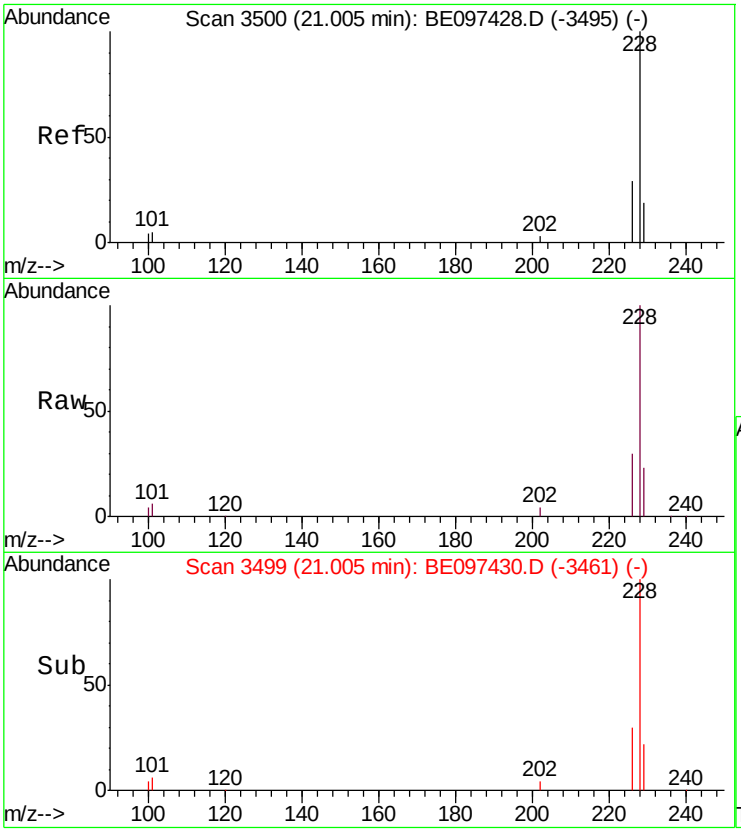


#18
Benzo(a)anthracene
Concen: 5.887 ng/ul
RT: 20.95 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:228 Resp: 168519

Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	28.8	17.0	25.6#

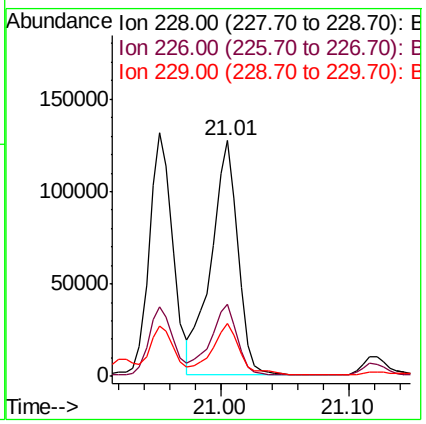




#19
Chrysene
Concen: 5.600 ng/ul
RT: 21.01 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:228 Resp: 184695

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	22.6	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
A3Z22DL

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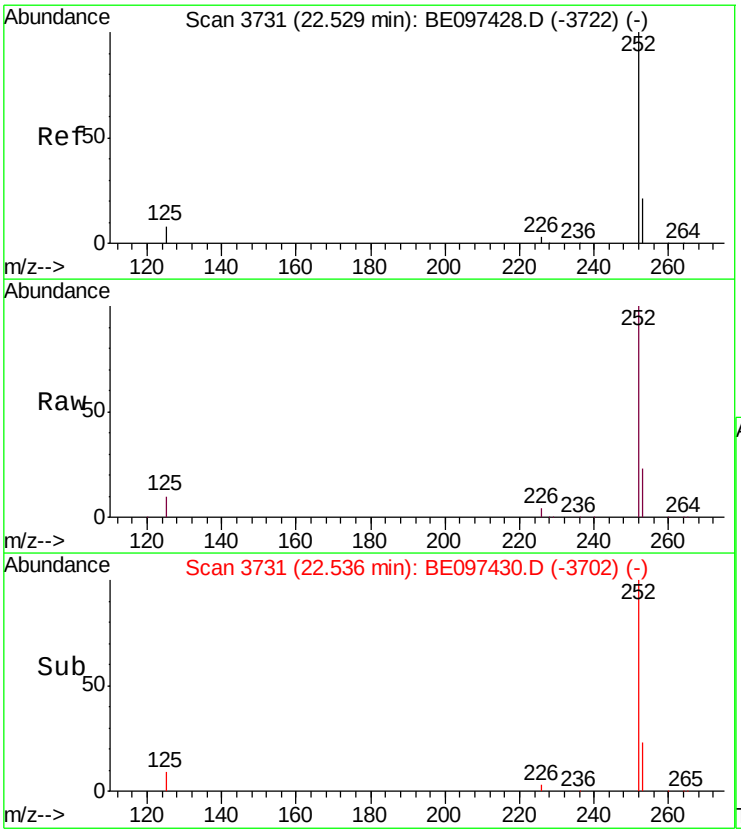
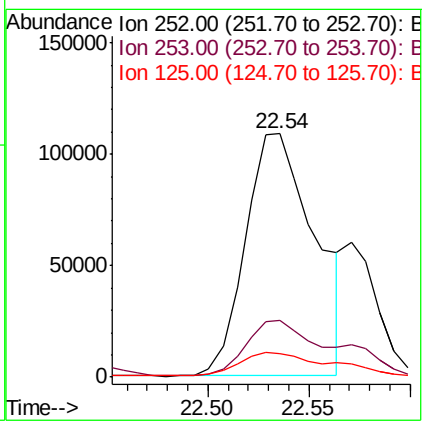
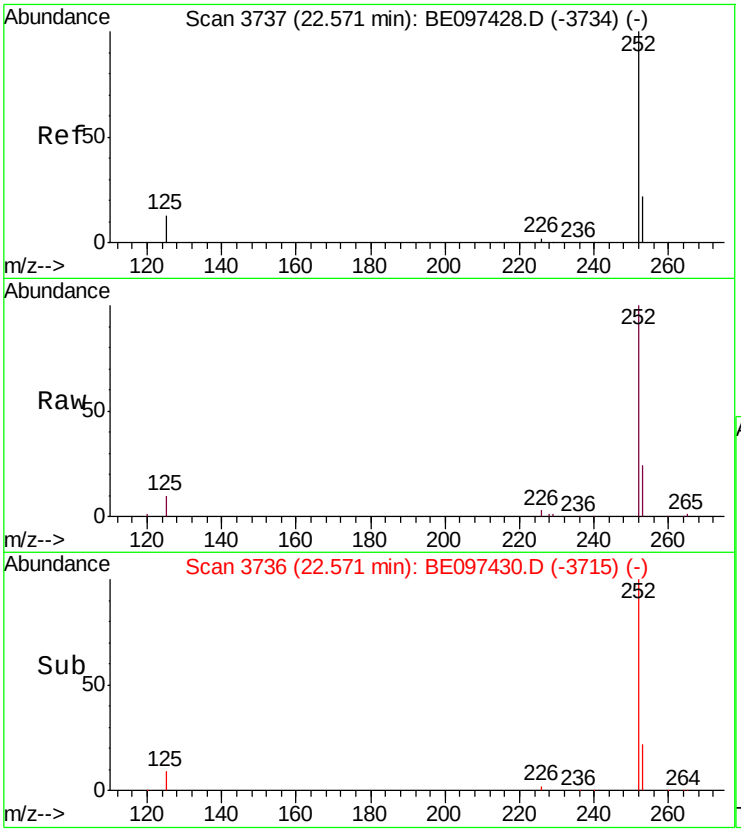


#21
Benzo(b)fluoranthene
Concen: 9.202 ng/ul m
RT: 22.54 min Scan# 3731
Delta R.T. 0.01 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:252 Resp: 262476

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	9.7	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 2.074 ng/ul m
RT: 22.57 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:252 Resp: 65977

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	10.2	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED
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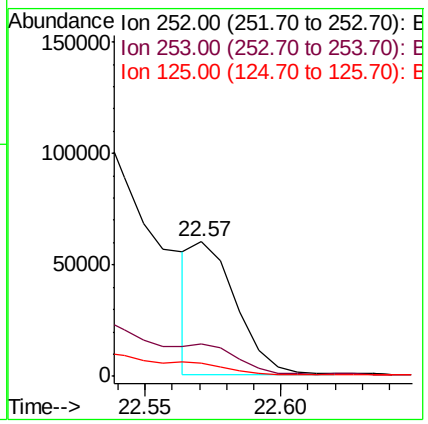
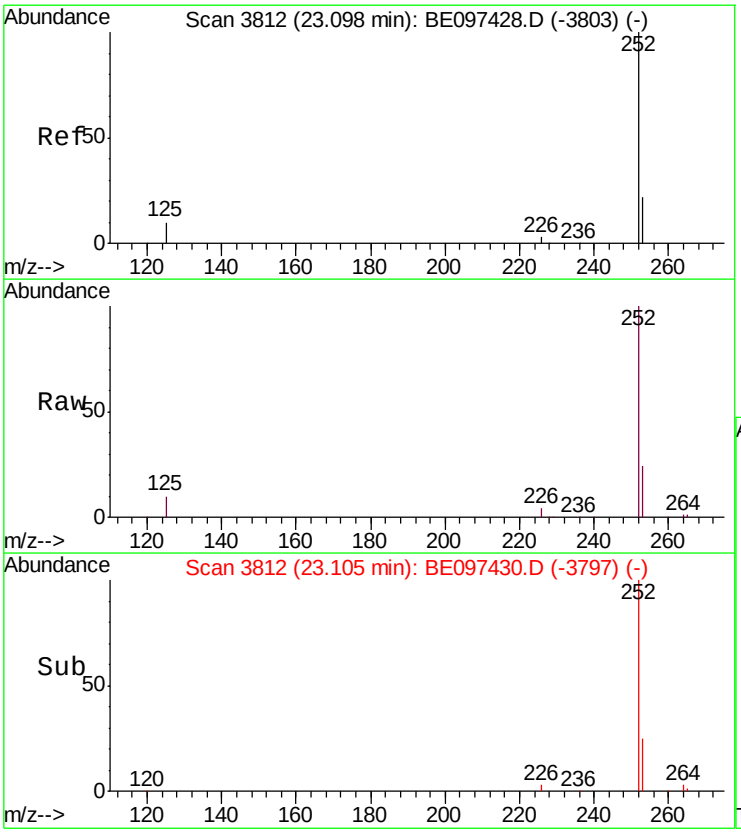
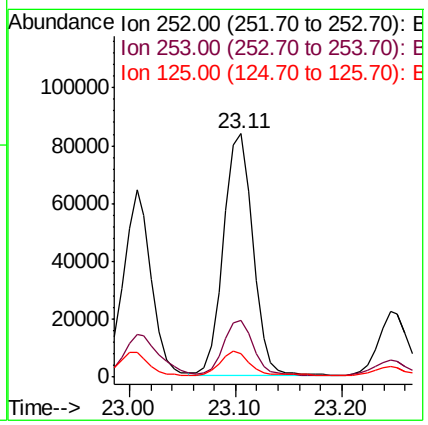


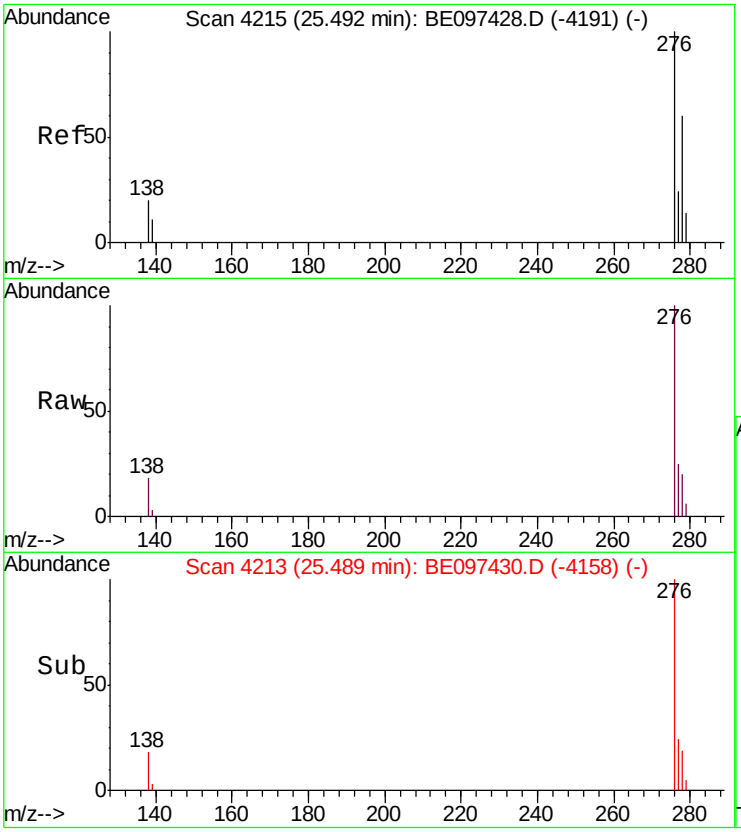


#23
Benzo(a)pyrene
Concen: 6.050 ng/ul
RT: 23.11 min Scan# 3812
Delta R.T. 0.01 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:252 Resp: 159649

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	9.6	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 3.420 ng/ul
RT: 25.49 min Scan# 4213
Delta R.T. -0.00 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:276 Resp: 116975

Ion	Ratio	Lower	Upper
276	100		
138	17.7	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED
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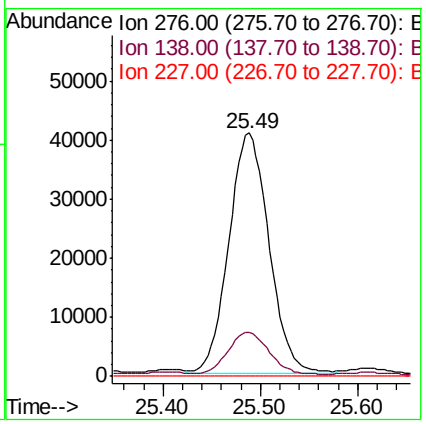
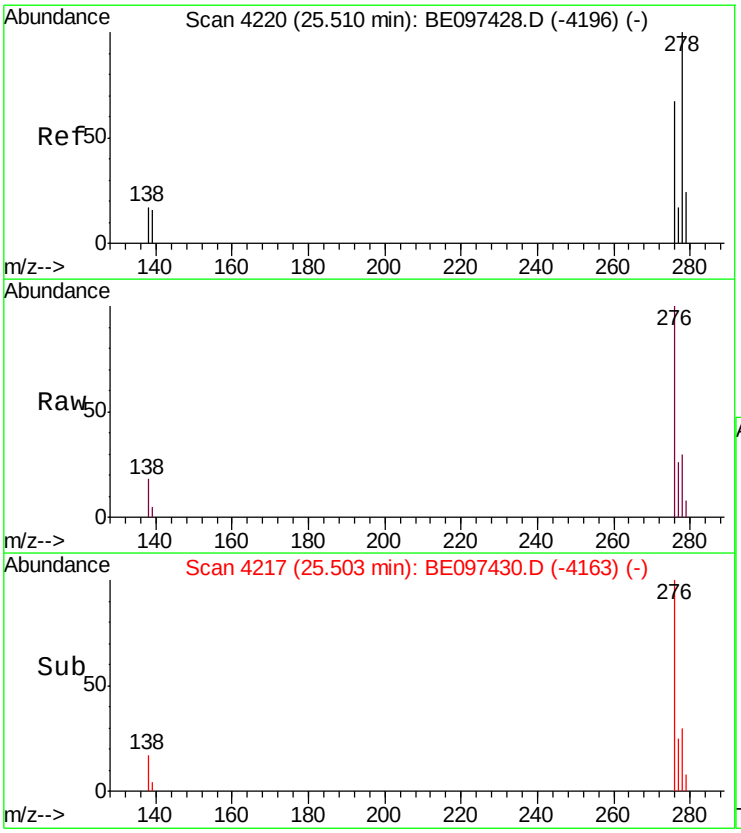
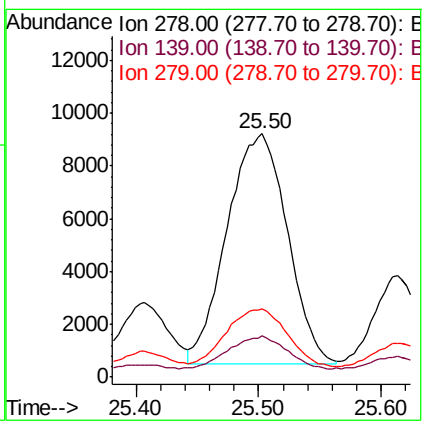


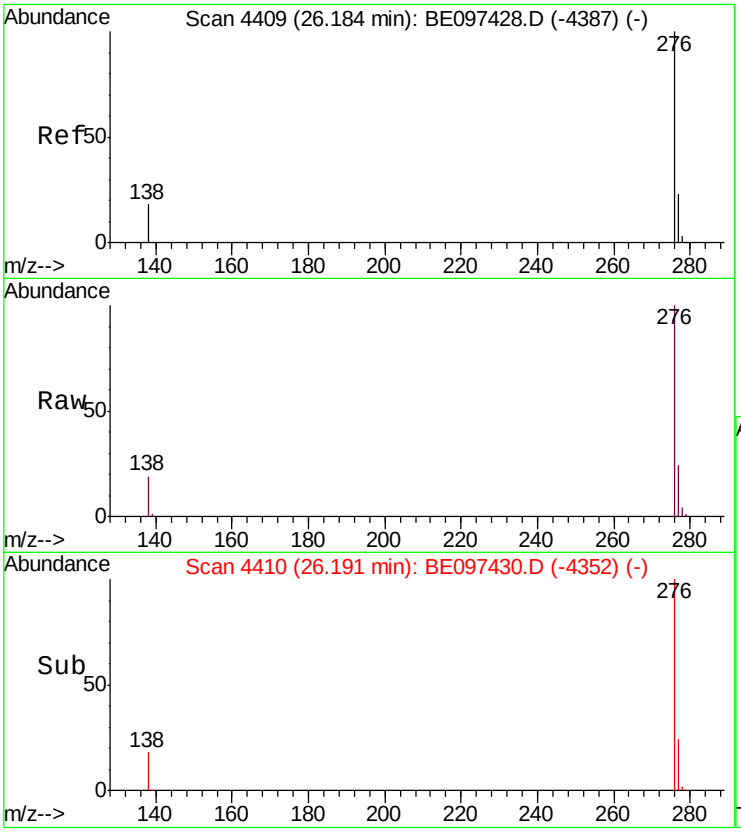


#25
Dibenzo(a,h)anthracene
Concen: 1.028 ng/ul m
RT: 25.50 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:278 Resp: 29777

Ion	Ratio	Lower	Upper
278	100		
139	16.8	17.4	26.0#
279	28.0	25.9	38.9

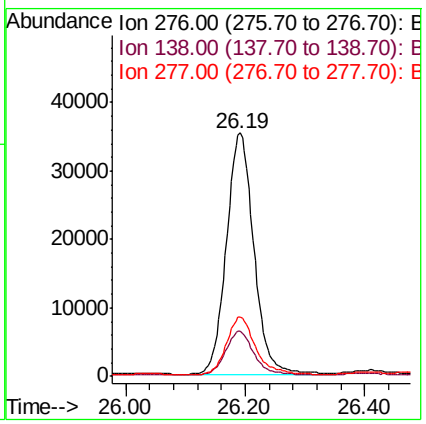




#26
Benzo(g,h,i)perylene
Concen: 3.852 ng/ul
RT: 26.19 min Scan# 4410
Delta R.T. 0.01 min
Lab File: BE097430.D
Acq: 7 Sep 2018 20:54

Tgt Ion:276 Resp: 112313

Ion	Ratio	Lower	Upper
276	100		
138	18.7	21.8	32.8#
277	24.4	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED
Sohil
9/11/2018 2:43:33 PM