Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
Data File : BE095805.D
Acq On : 15 Mar 2018 16:04
Operator : SJ/JU
Sample : J1835-13DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F6F12DL

Manual Integrations APPROVED
Sohil
3/16/2018 12:01:11 PM

Quant Time: Mar 16 02:23:50 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 01:12:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1903	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5500	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	2984	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	6076m	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	6524m	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	6713	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	526	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	1191m	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.33	128	2951	0.192	ng/ul#	91
5) 2-Methylnaphthalene	12.91	142	5526	0.518	ng/ul	99
8) Acenaphthene	15.10	153	254	0.022	ng/ul#	64
12) Phenanthrene	17.79	178	12363m	0.679	ng/ul	
13) Anthracene	17.87	178	1225m	0.072	ng/ul	
15) Fluoranthene	19.75	202	2677m	0.121	ng/ul	
17) Pyrene	20.10	202	11178m	0.451	ng/ul	
18) Benzo(a)anthracene	21.81	228	3608m	0.171	ng/ul	
19) Chrysene	21.88	228	7646m	0.357	ng/ul	
21) Benzo(b)fluoranthene	23.67	252	2344m	0.101	ng/ul	
22) Benzo(k)fluoranthene	23.72	252	616m	0.028	ng/ul	
23) Benzo(a)pyrene	24.38	252	3120	0.147	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.36	276	1393	0.059	ng/ul#	58
25) Dibenzo(a,h)anthracene	27.36	278	777	0.041	ng/ul#	1
26) Benzo(g,h,i)perylene	28.26	276	4140	0.205	ng/ul#	30

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
Data File : BE095805.D
Acq On : 15 Mar 2018 16:04
Operator : SJ/JU
Sample : J1835-13DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 16 02:23:50 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 01:12:14 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6F12DL

Manual Integrations APPROVED
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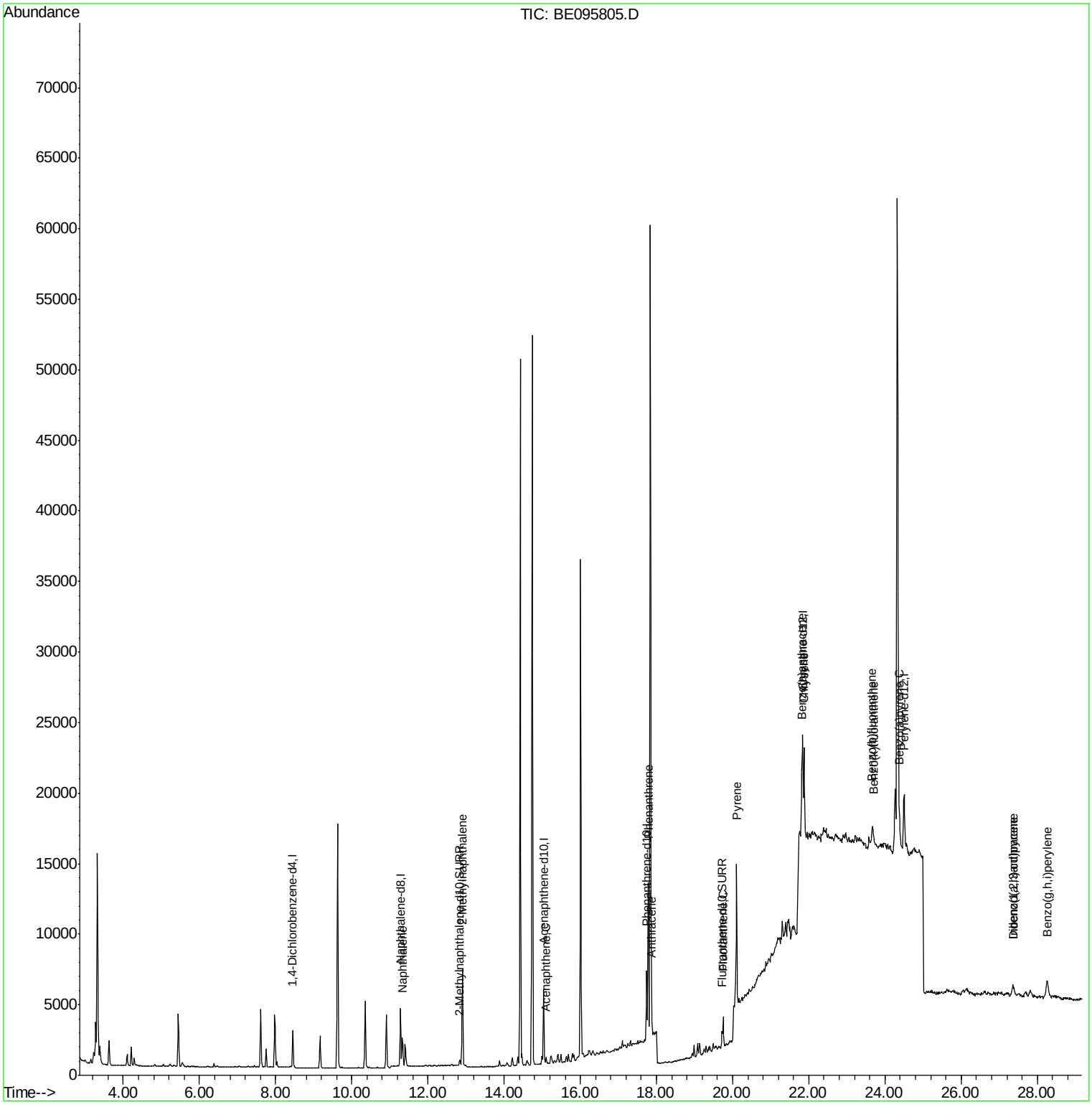

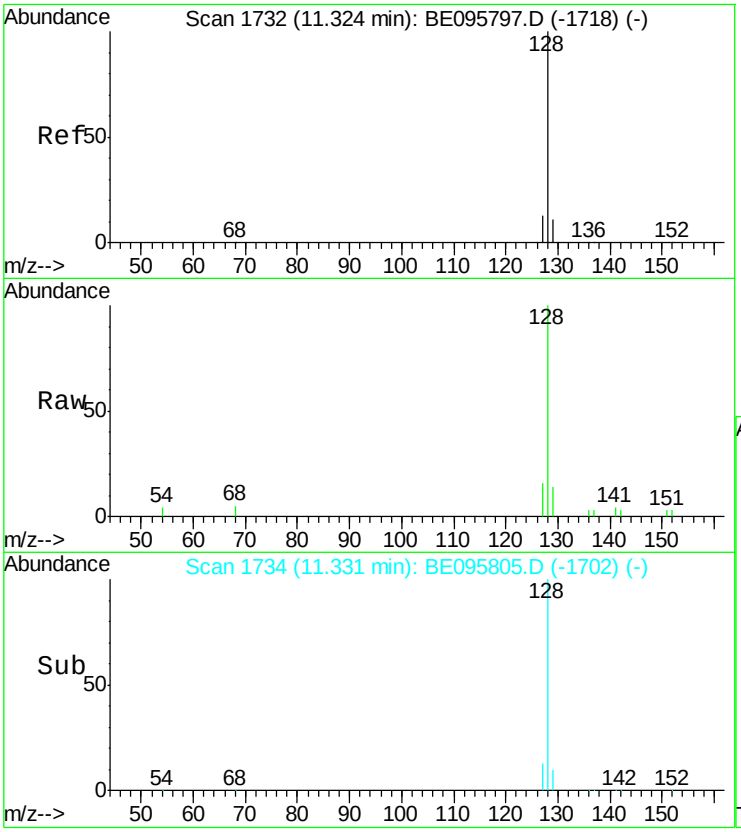

#3
Naphthalene
Concen: 0.192 ng/ul
RT: 11.33 min Scan# 1734
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:128 Resp: 2951

Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.3	16.9
127	15.7	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6F12DL

Manual Integrations APPROVED
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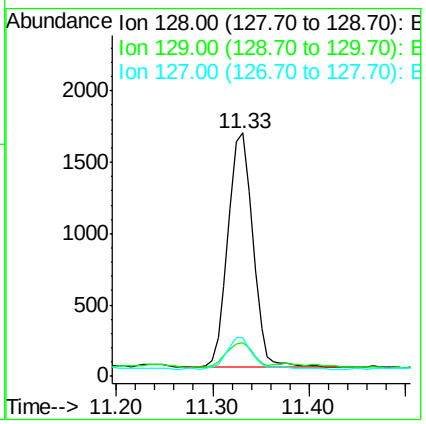
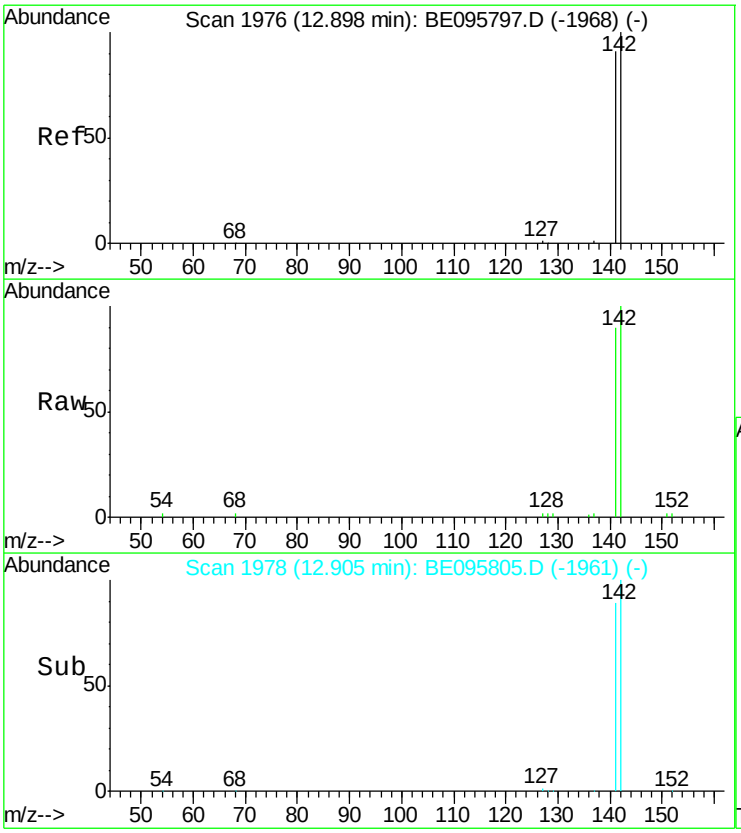
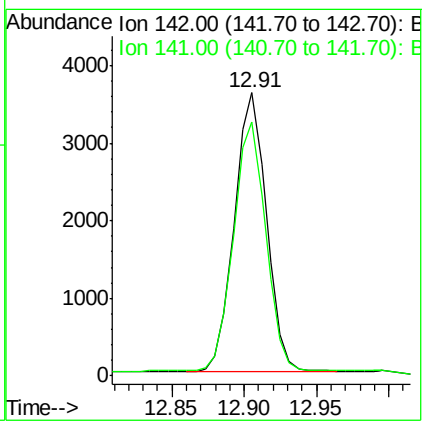


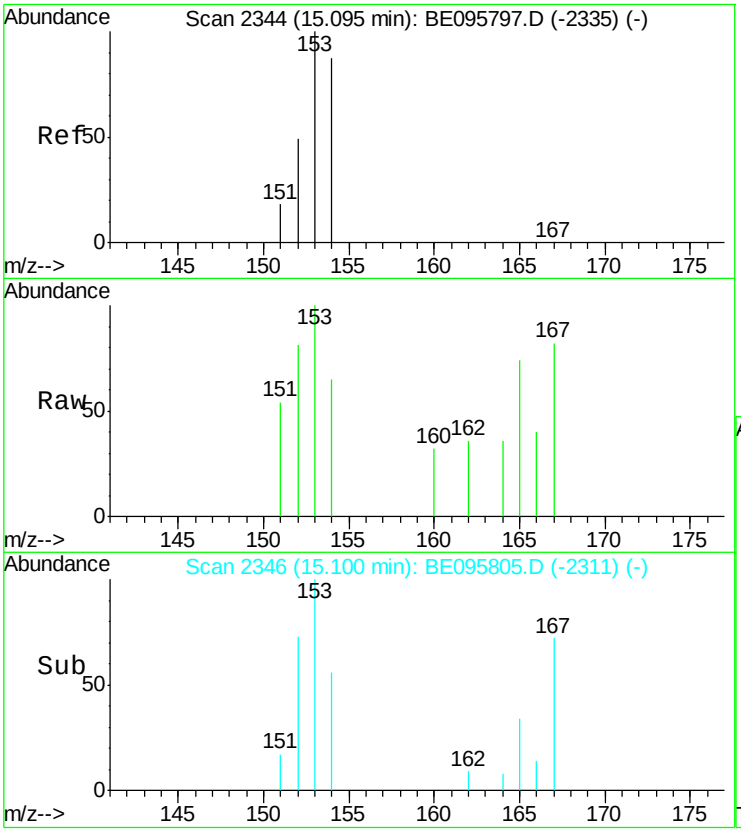


#5
2-Methylnaphthalene
Concen: 0.518 ng/ul
RT: 12.91 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:142 Resp: 5526

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#8
Acenaphthene
Concen: 0.022 ng/ul
RT: 15.10 min Scan# 2346
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:153 Resp: 254

Ion	Ratio	Lower	Upper
153	100		
152	81.1	36.0	54.0#
154	64.9	72.0	108.0#

Instrument :
BNA_E
ClientSampleId :
F6F12DL

Manual Integrations APPROVED
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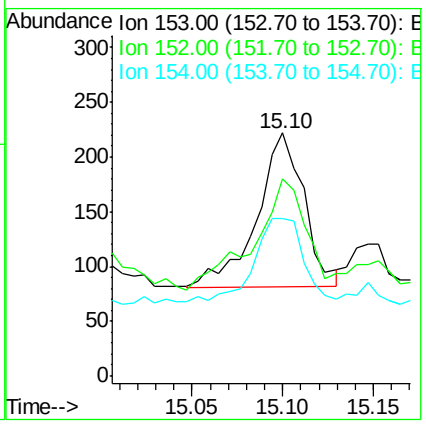
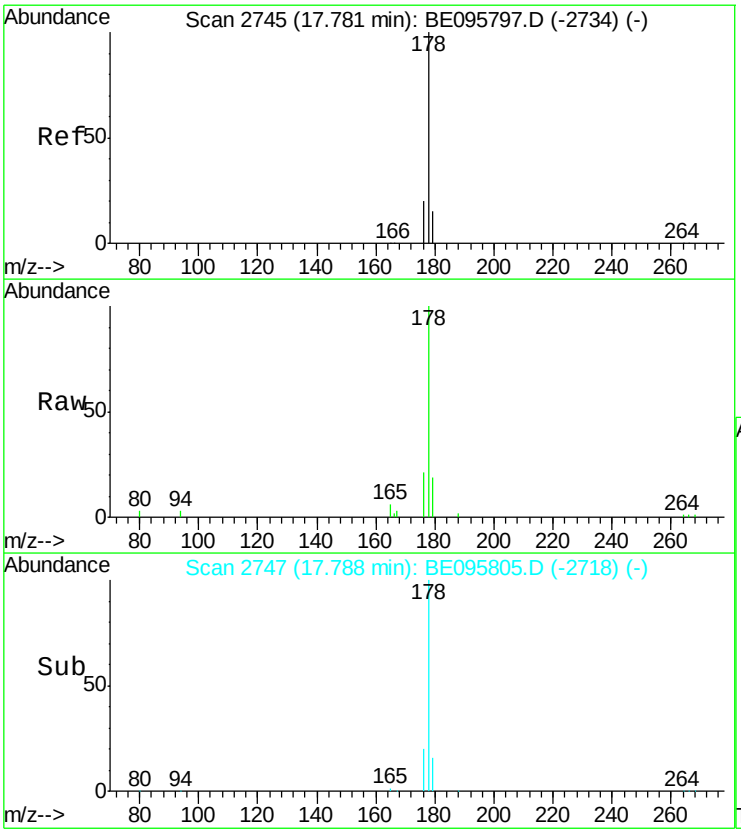
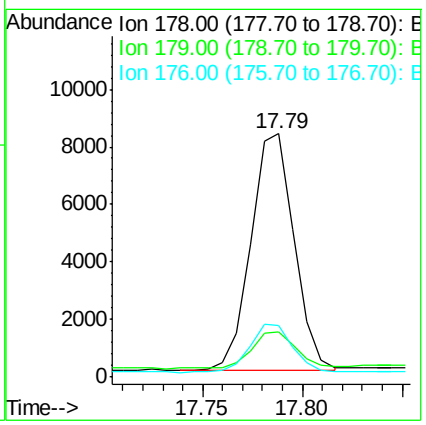


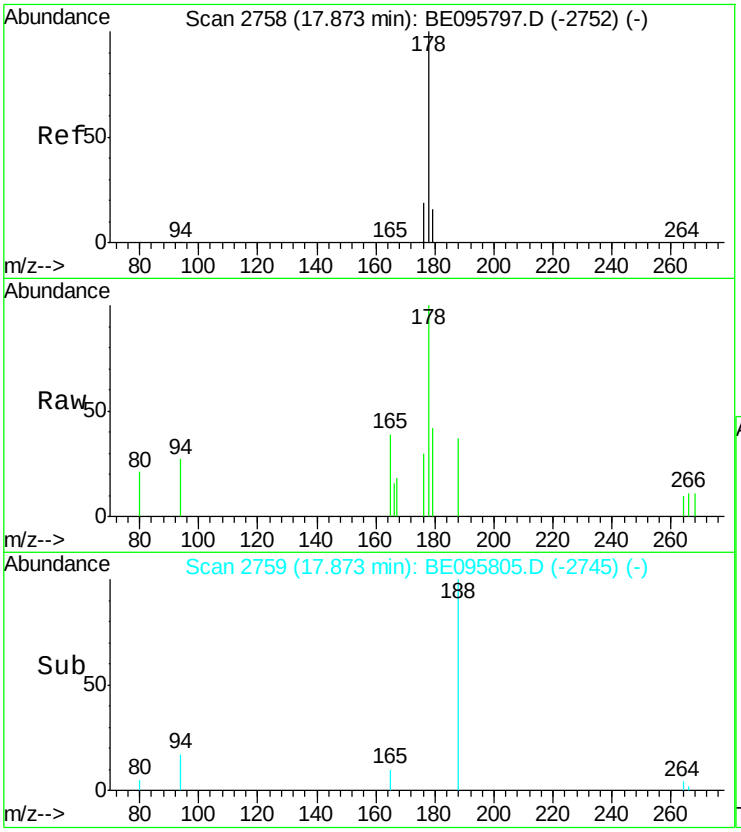


#12
Phenanthrene
Concen: 0.679 ng/ul m
RT: 17.79 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:178 Resp: 12363

Ion	Ratio	Lower	Upper
178	100		
179	18.6	18.4	27.6
176	21.1	13.6	20.4#





#13
Anthracene
Concen: 0.072 ng/ul m
RT: 17.87 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:178 Resp: 1225

Ion	Ratio	Lower	Upper
178	100		
179	41.8	18.1	27.1#
176	29.5	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F6F12DL

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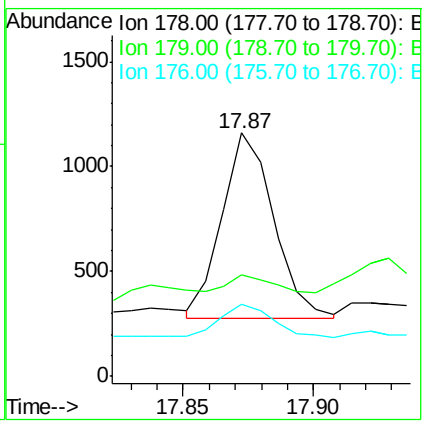
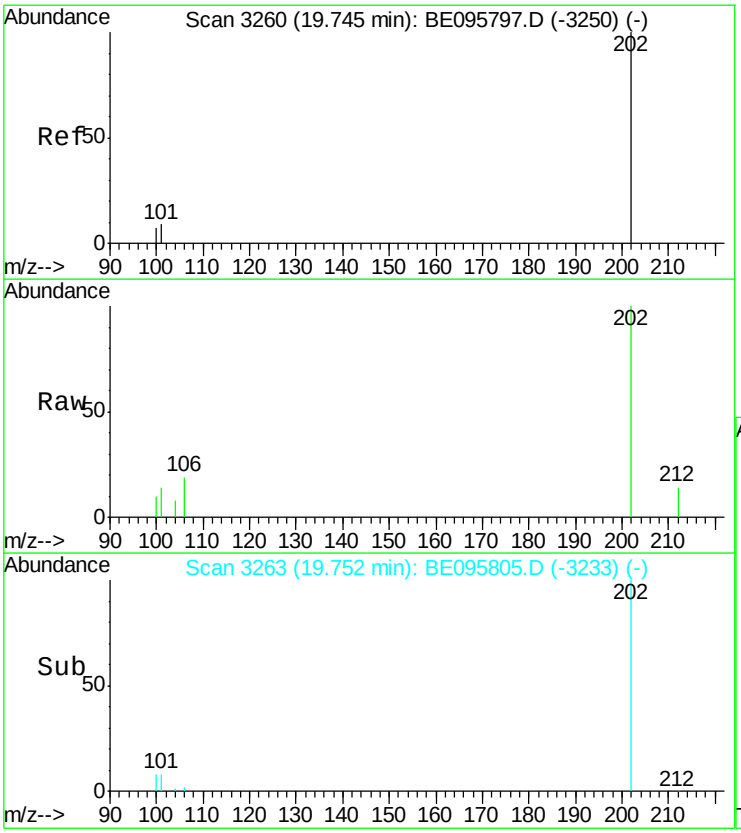
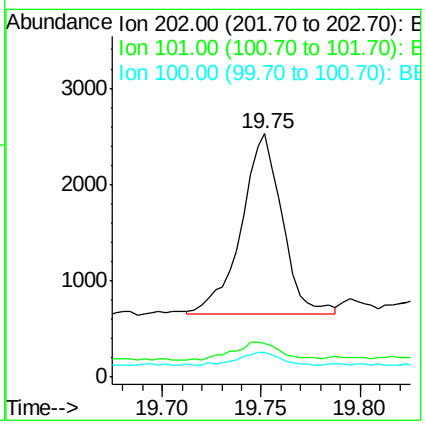


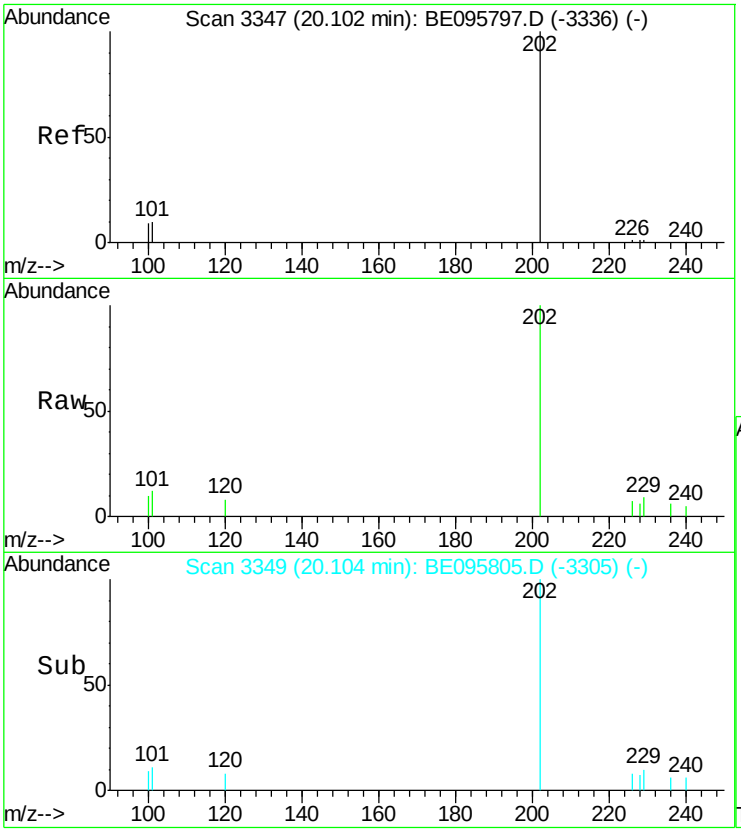


#15
Fluoranthene
Concen: 0.121 ng/ul m
RT: 19.75 min Scan# 3263
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:202 Resp: 2677

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.3
100	10.4	0.0	39.5





#17
Pyrene
Concen: 0.451 ng/ul m
RT: 20.10 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:202 Resp: 11178

Ion	Ratio	Lower	Upper
202	100		
101	12.1	18.2	27.4#
100	10.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F6F12DL

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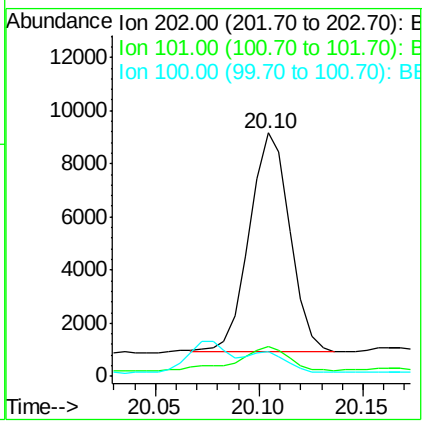
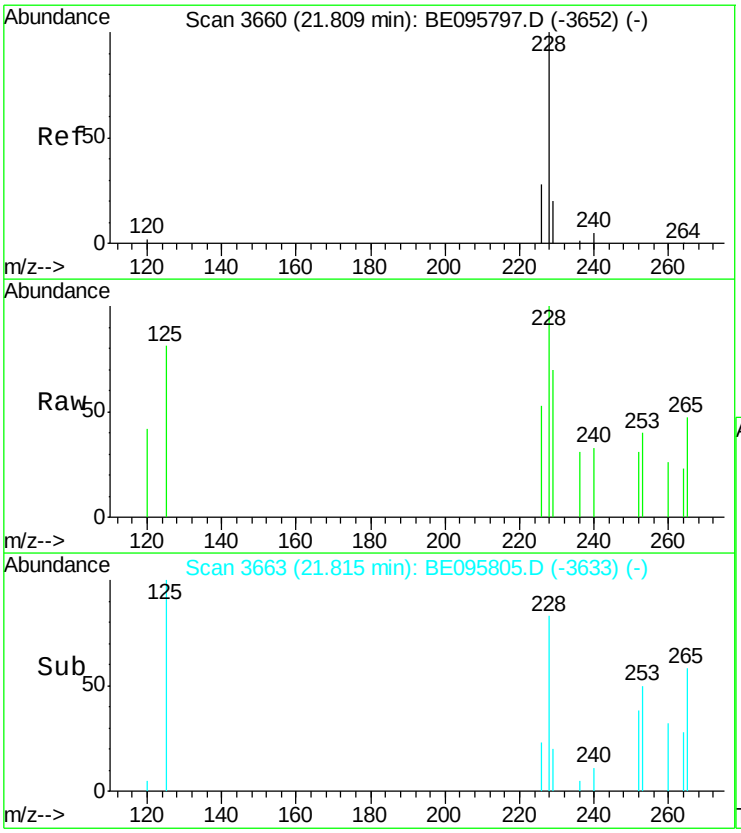
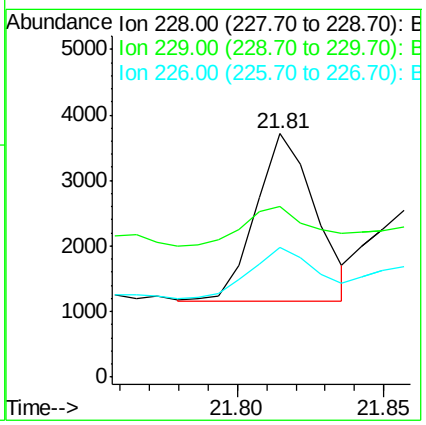


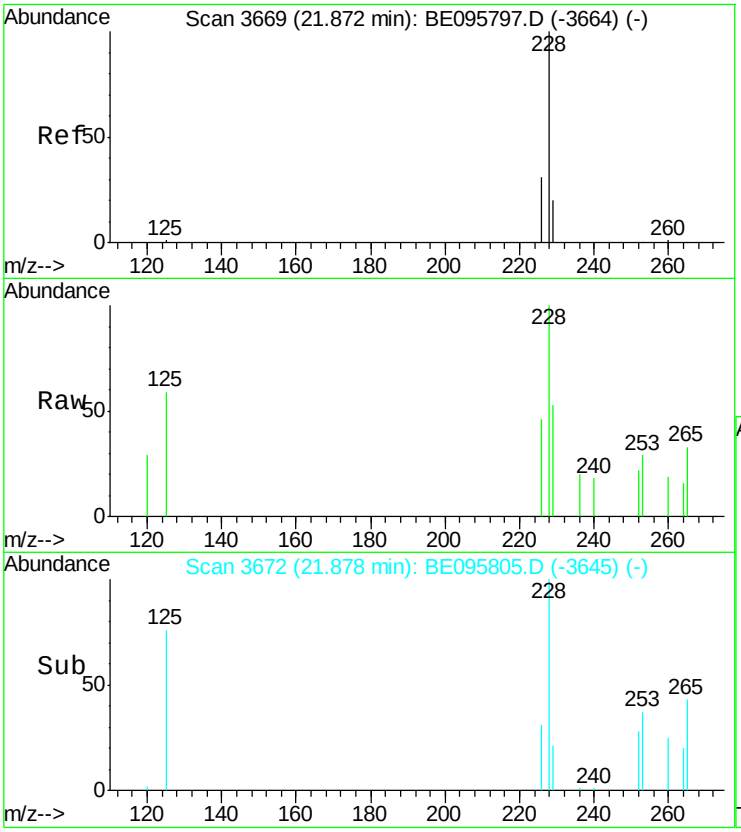


#18
Benzo(a)anthracene
Concen: 0.171 ng/ul m
RT: 21.81 min Scan# 3663
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:228 Resp: 3608

Ion	Ratio	Lower	Upper
228	100		
229	70.0	22.8	34.2#
226	53.3	17.0	25.6#





#19
Chrysene
Concen: 0.357 ng/ul m
RT: 21.88 min Scan# 3672
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:228 Resp: 7646

Ion	Ratio	Lower	Upper
228	100		
226	46.4	23.4	35.0#
229	52.7	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
F6F12DL

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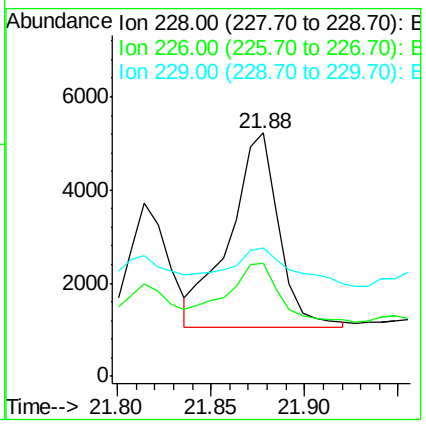
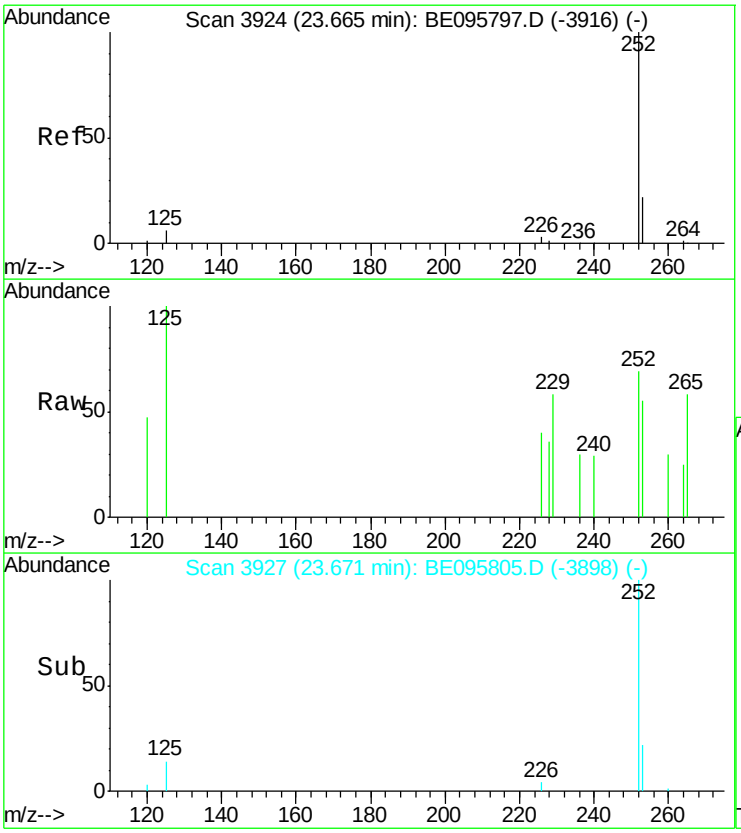
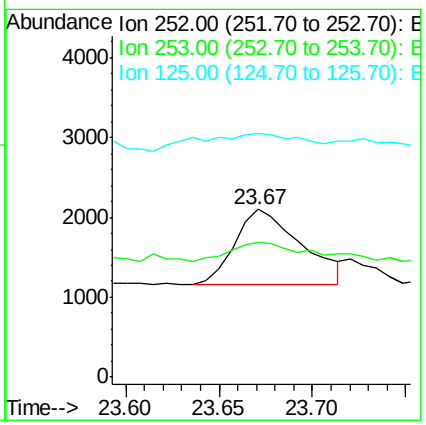


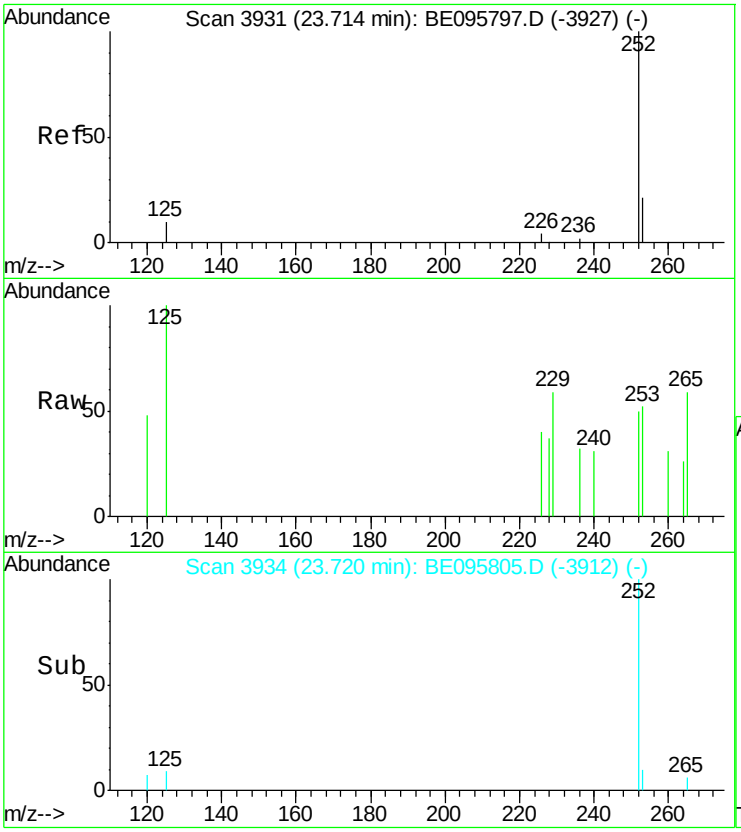


#21
Benzo(b)fluoranthene
Concen: 0.101 ng/ul m
RT: 23.67 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:252 Resp: 2344

Ion	Ratio	Lower	Upper
252	100		
253	80.2	0.0	64.2#
125	145.2	0.0	35.0#

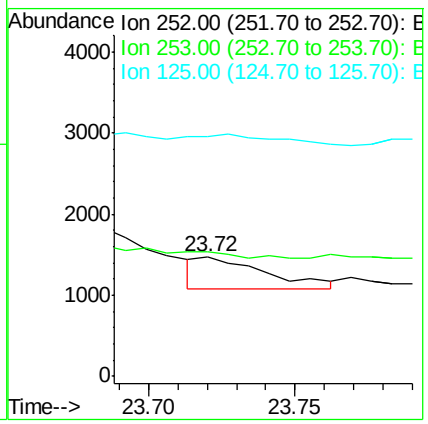




#22
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 23.72 min Scan# 3934
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:252 Resp: 616

Ion	Ratio	Lower	Upper
252	100		
253	104.2	24.5	36.7#
125	199.8	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
F6F12DL

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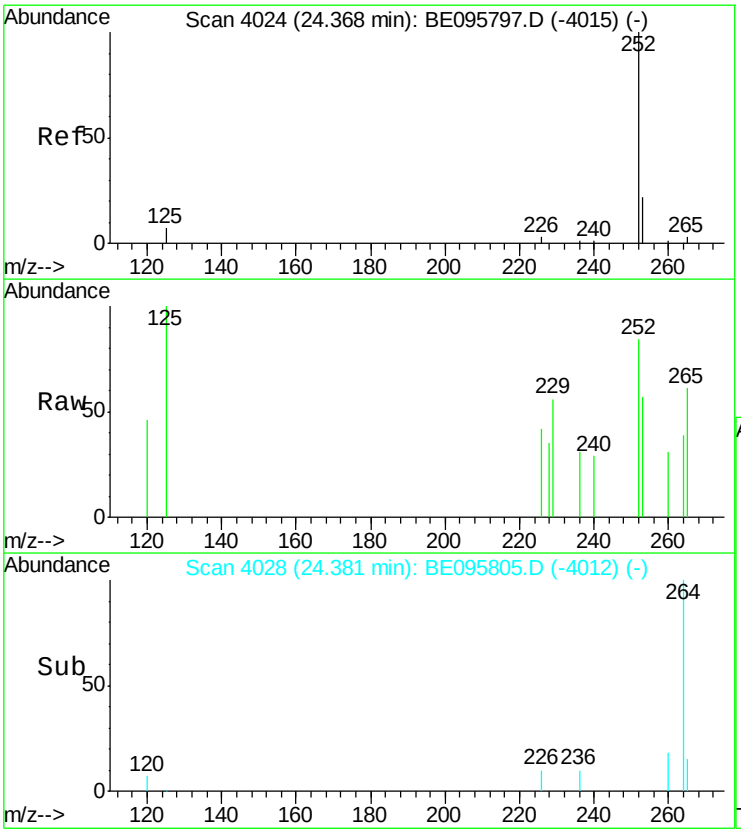
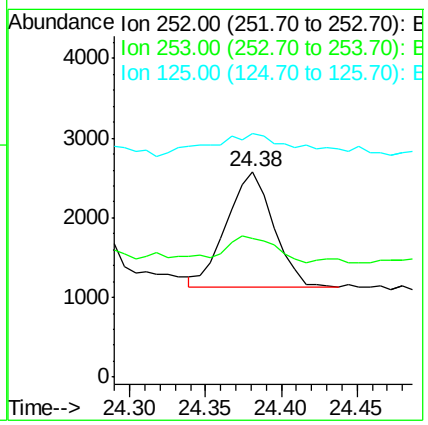
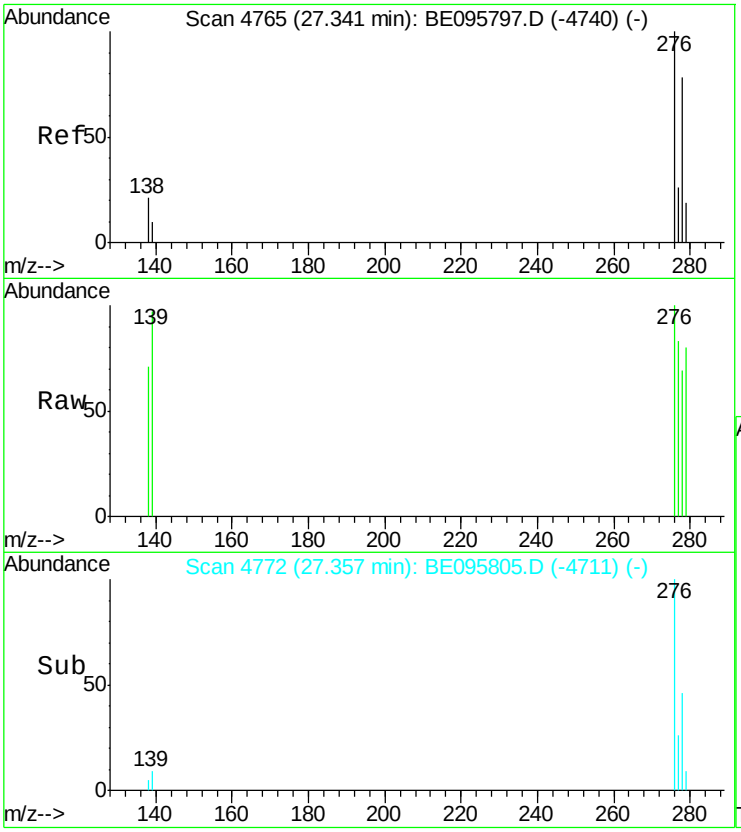


#23
Benzo(a)pyrene
Concen: 0.147 ng/ul
RT: 24.38 min Scan# 4028
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:252 Resp: 3120

Ion	Ratio	Lower	Upper
252	100		
253	67.4	28.5	42.7#
125	118.5	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng/ul
RT: 27.36 min Scan# 4772
Delta R.T. 0.02 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:276 Resp: 1393

Ion	Ratio	Lower	Upper
276	100		
138	8.3	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F6F12DL

Manual Integrations APPROVED
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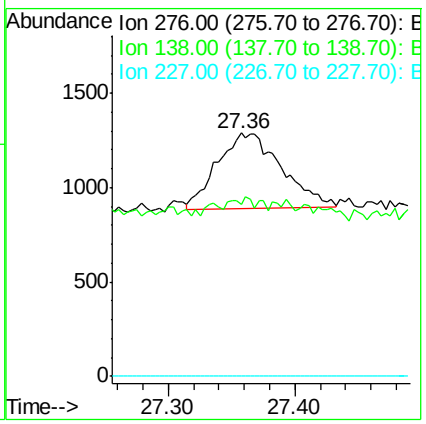
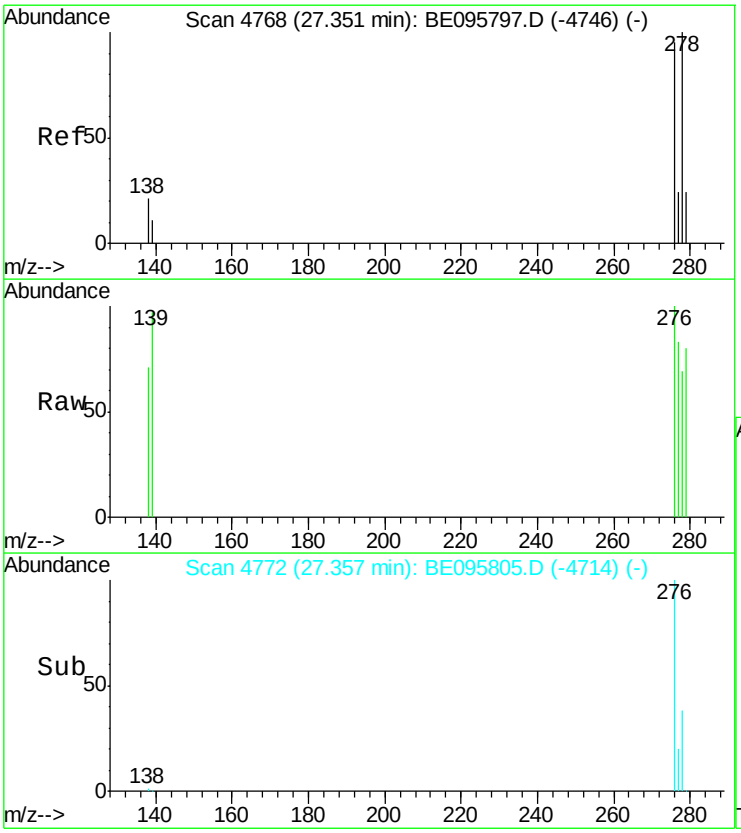
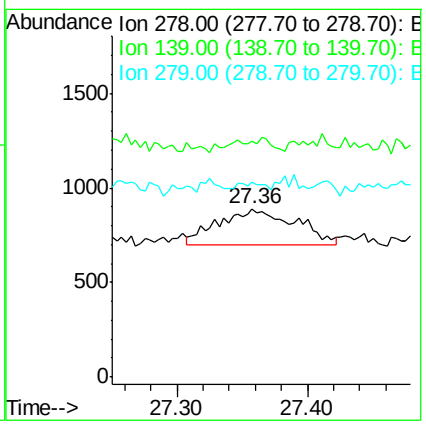


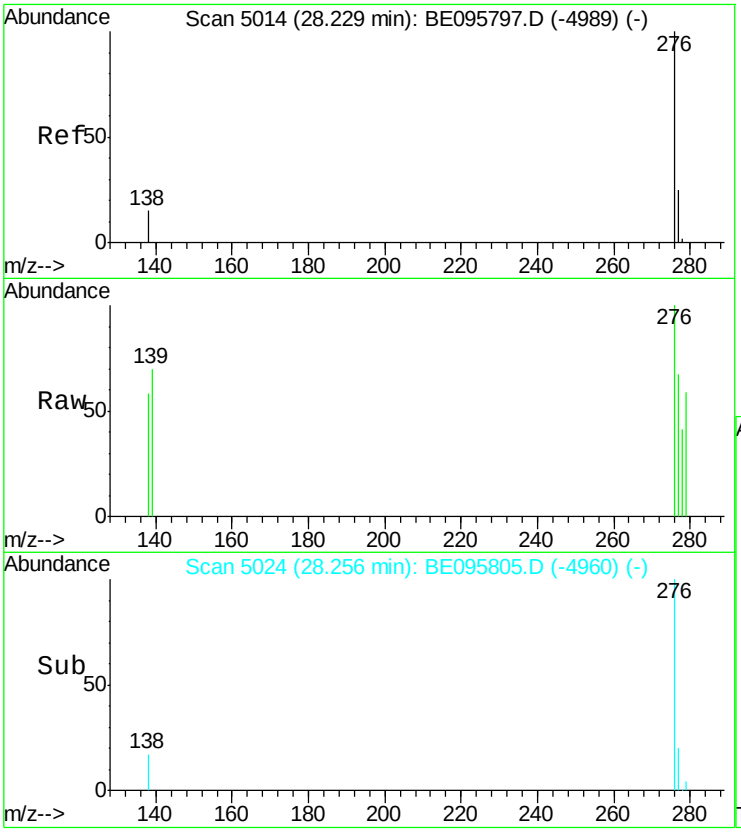


#25
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 27.36 min Scan# 4772
Delta R.T. 0.01 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:278 Resp: 777

Ion	Ratio	Lower	Upper
278	100		
139	140.6	17.4	26.0#
279	116.1	25.9	38.9#

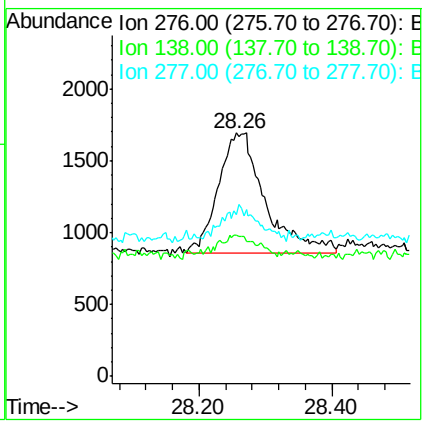




#26
Benzo(g,h,i)perylene
Concen: 0.205 ng/ul
RT: 28.26 min Scan# 5024
Delta R.T. 0.03 min
Lab File: BE095805.D
Acq: 15 Mar 2018 16:04

Tgt Ion:276 Resp: 4140

Ion	Ratio	Lower	Upper
276	100		
138	58.0	21.8	32.8#
277	66.5	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
F6F12DL

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