Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082918\
Data File : BE097393.D
Acq On : 29 Aug 2018 17:24
Operator : SJ/JU
Sample : J4596-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z29MS

Manual Integrations APPROVED
Sohil
8/30/2018 5:36:45 PM

Quant Time: Aug 29 18:18:52 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 : Wed Aug 29 13:18:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	841	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4212	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2582	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	7570	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9885	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9793	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	883	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	3876	0.16	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.07	153	931	0.115	ng/ul#	94
11) Pentachlorophenol	16.44	266	19	0.025	ng/ul#	70
12) Phenanthrene	16.80	178	716	0.037	ng/ul#	83
15) Fluoranthene	18.83	202	1152	0.046	ng/ul	86
17) Pyrene	19.20	202	4925	0.185	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	684	0.027	ng/ul#	65
19) Chrysene	20.98	228	1512	0.052	ng/ul#	71
21) Benzo(b)fluoranthene	22.53	252	1512m	0.058	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	752m	0.026	ng/ul	
23) Benzo(a)pyrene	23.10	252	529	0.022	ng/ul#	16
26) Benzo(g,h,i)perylene	26.20	276	651	0.024	ng/ul#	66

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

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BNA_E
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Manual Integrations APPROVED
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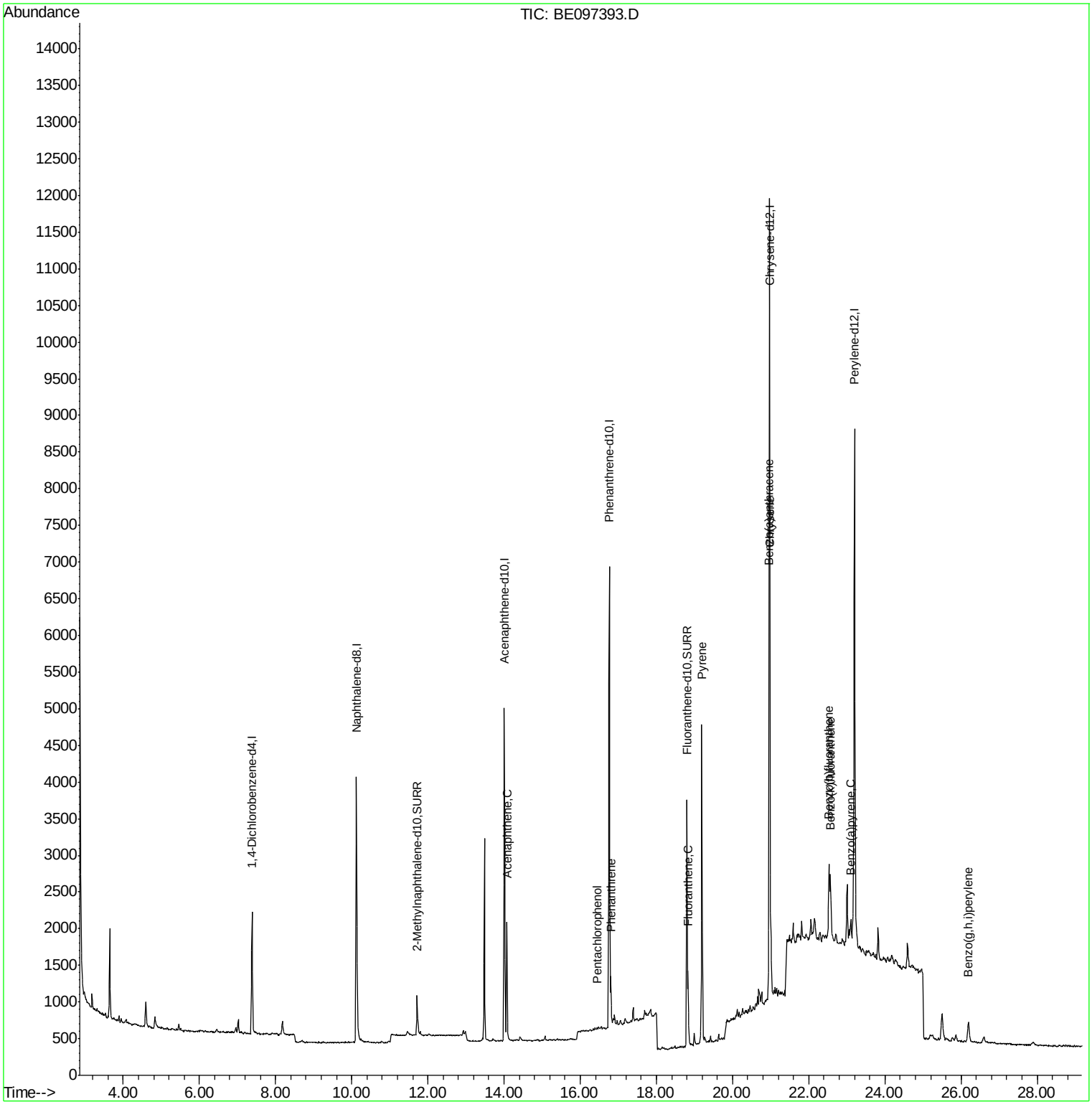

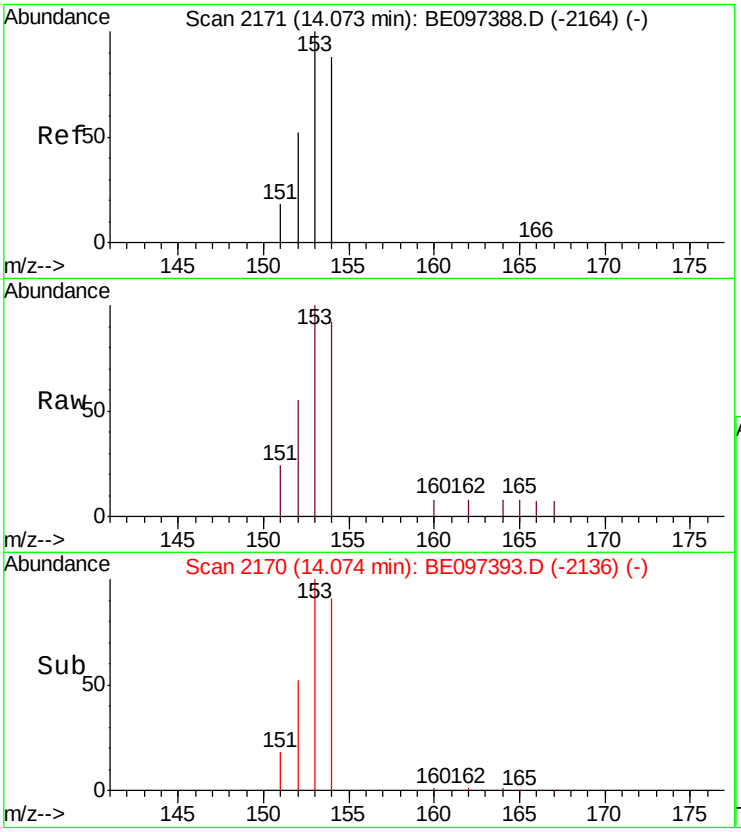

#8
Acenaphthene
Concen: 0.115 ng/ul
RT: 14.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:153 Resp: 931

Ion	Ratio	Lower	Upper
153	100		
152	55.5	36.0	54.0#
154	91.6	72.0	108.0

Instrument :
BNA_E
ClientSampleId :
A3Z29MS

Manual Integrations APPROVED
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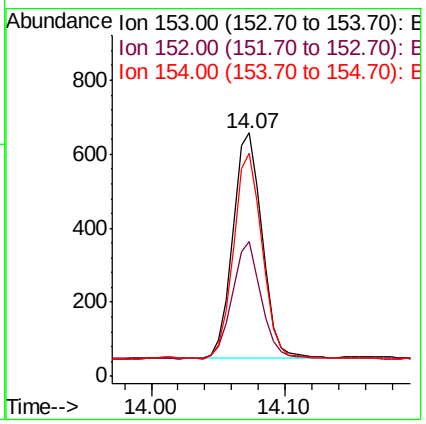
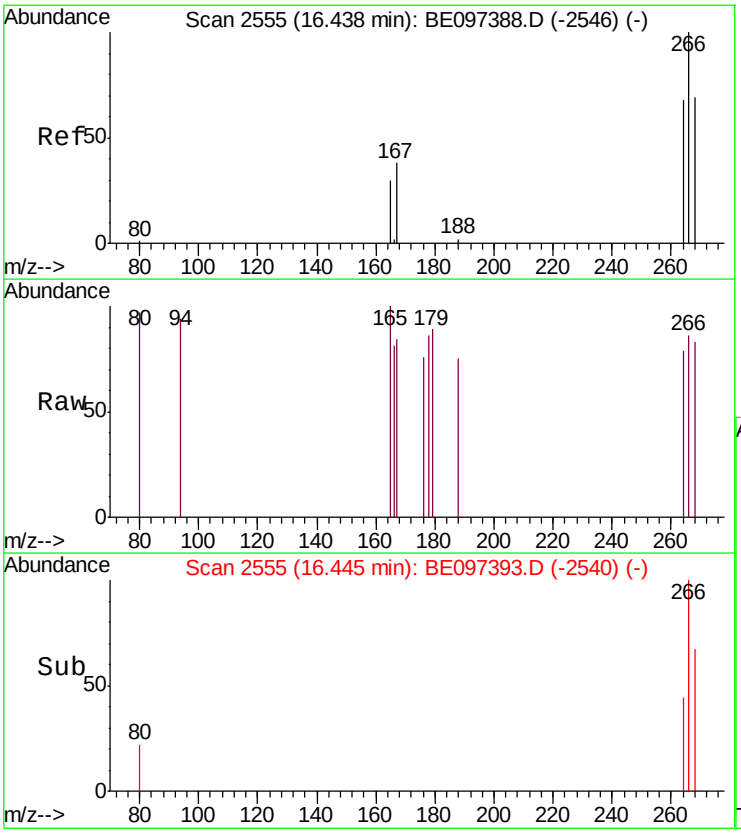
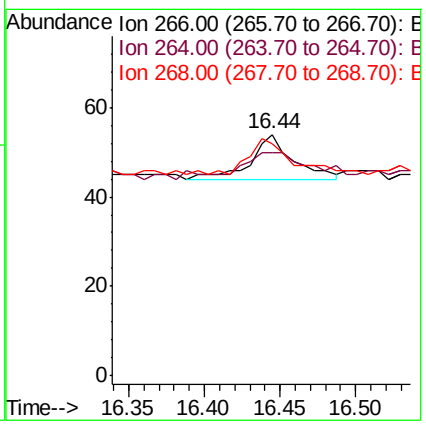


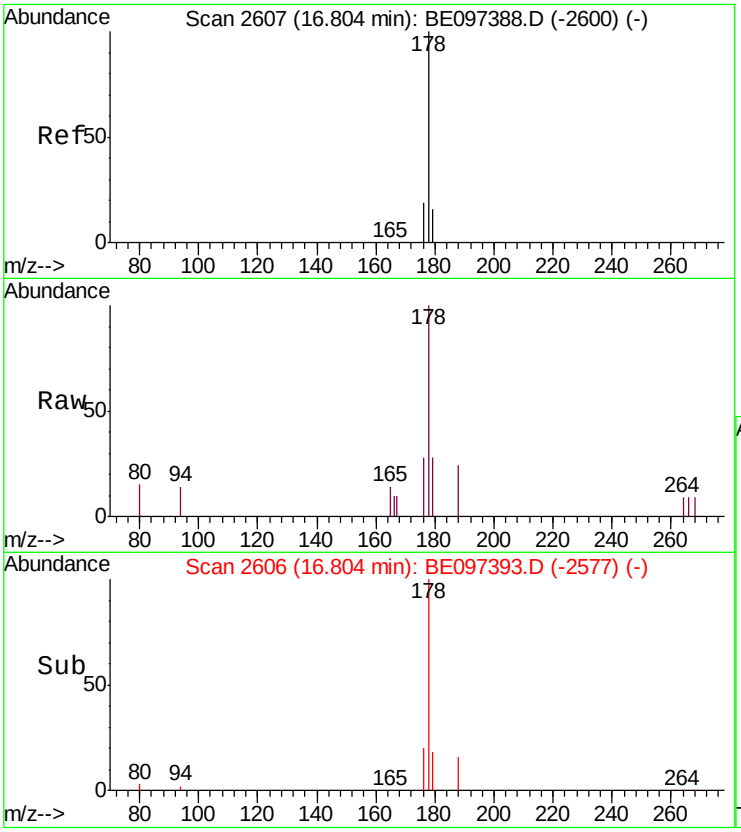


#11
Pentachlorophenol
Concen: 0.025 ng/ul
RT: 16.44 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	84.2	47.9	71.9#
268	84.2	49.8	74.8#





#12
Phenanthrene
Concen: 0.037 ng/ul
RT: 16.80 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:178 Resp: 716

Ion	Ratio	Lower	Upper
178	100		
179	28.0	18.4	27.6#
176	28.4	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
A3Z29MS

Manual Integrations APPROVED
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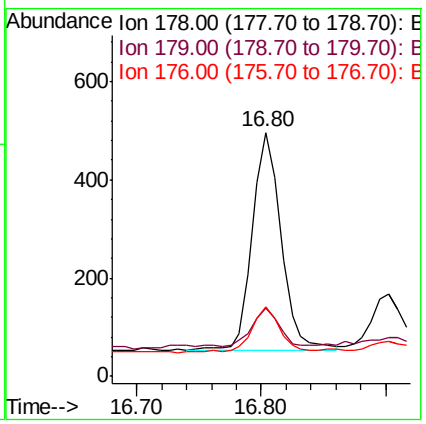
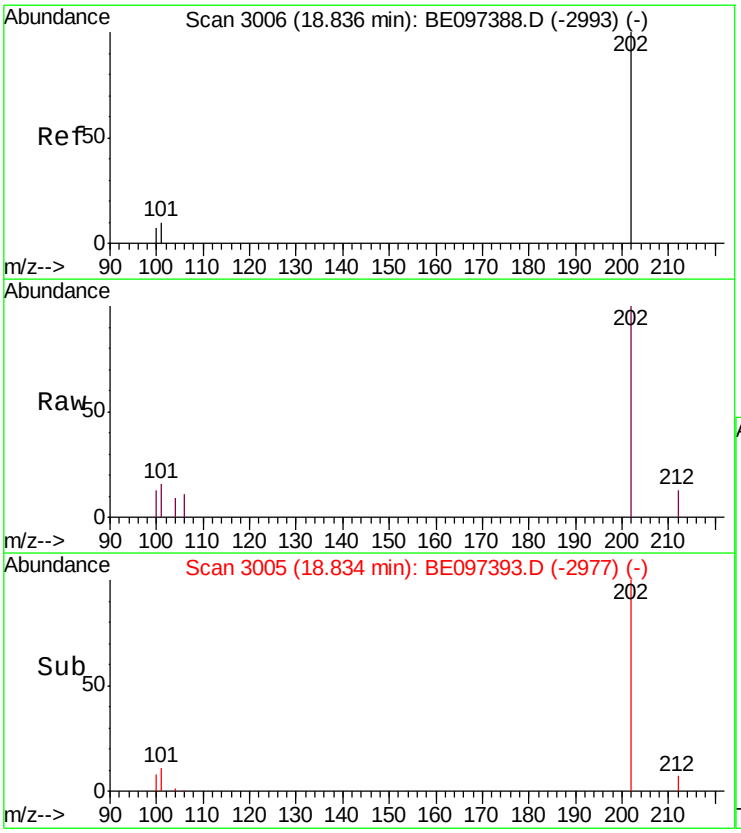
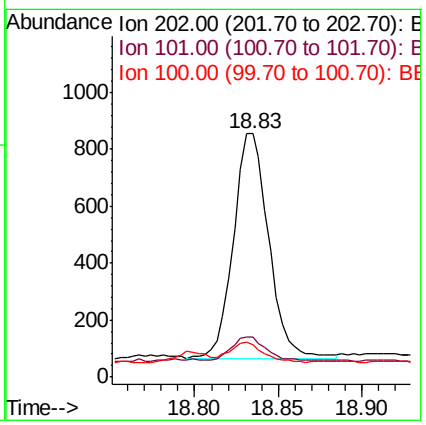


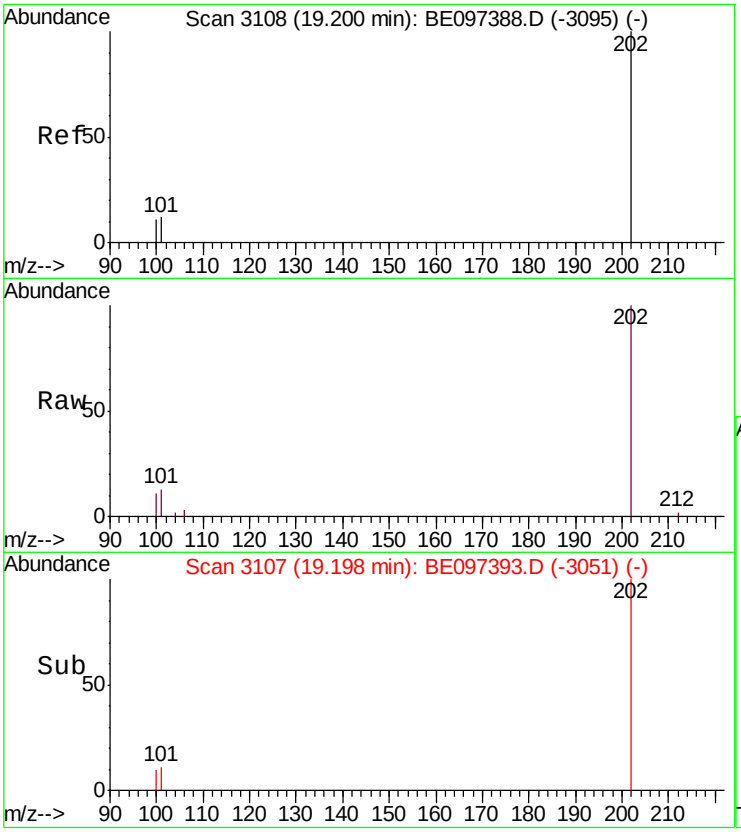


#15
Fluoranthene
Concen: 0.046 ng/ul
RT: 18.83 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:202 Resp: 1152

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	30.3
100	13.3	0.0	39.5





#17
Pyrene
Concen: 0.185 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:202 Resp: 4925

Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.3	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3Z29MS

Manual Integrations APPROVED
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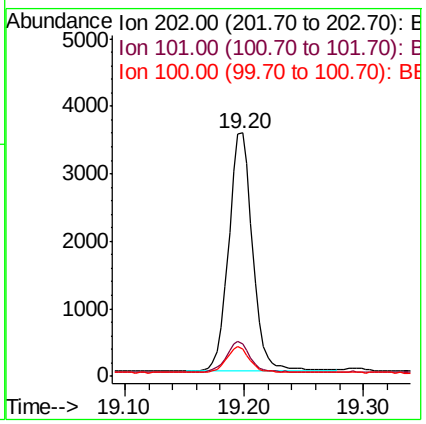
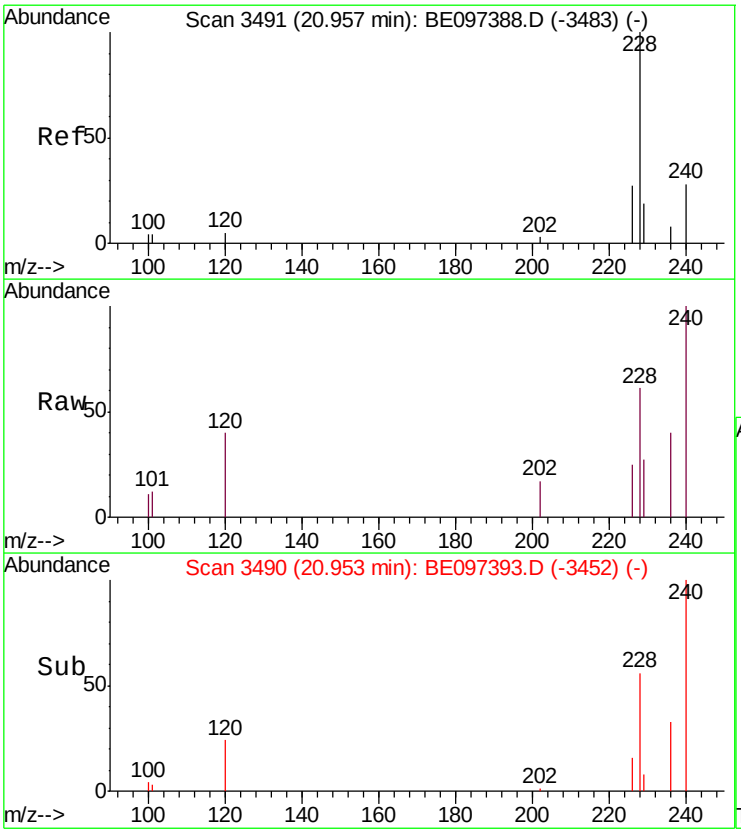
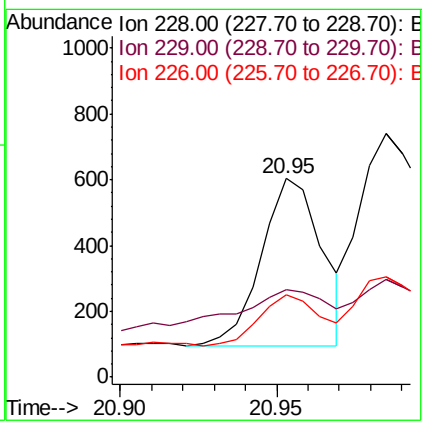


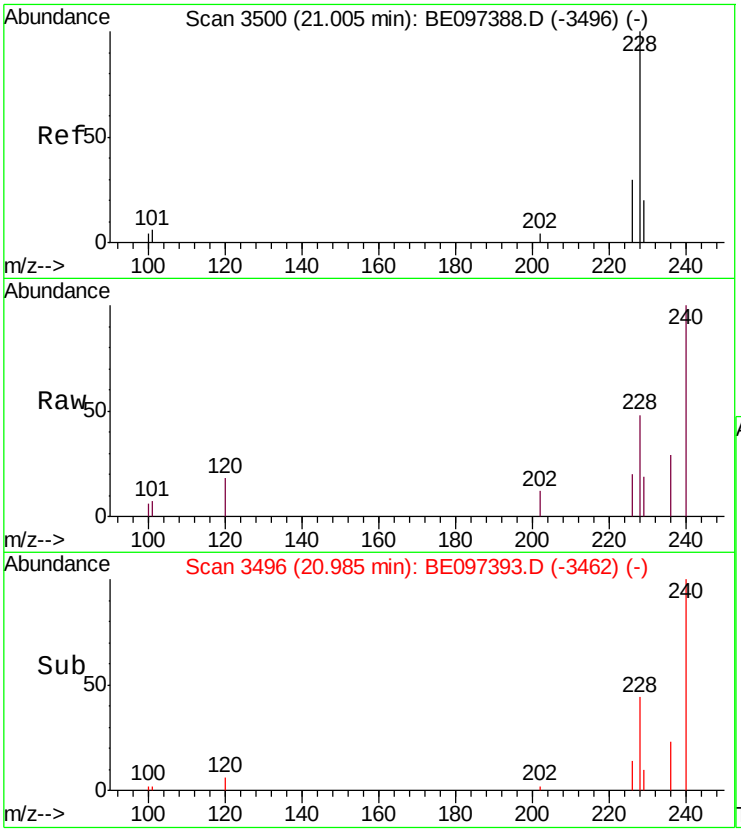


#18
Benzo(a)anthracene
Concen: 0.027 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:228 Resp: 684

Ion	Ratio	Lower	Upper
228	100		
229	44.0	22.8	34.2#
226	41.2	17.0	25.6#





#19
Chrysene
Concen: 0.052 ng/ul
RT: 20.98 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:228 Resp: 1512

Ion	Ratio	Lower	Upper
228	100		
226	40.9	23.4	35.0#
229	40.3	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
A3Z29MS

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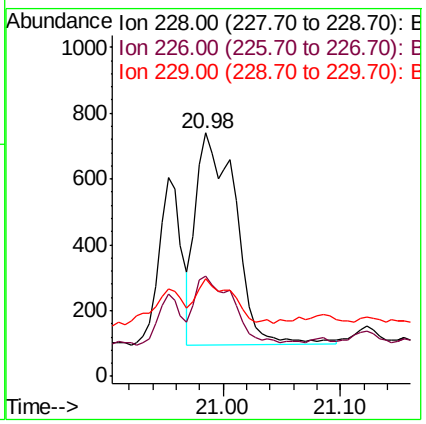
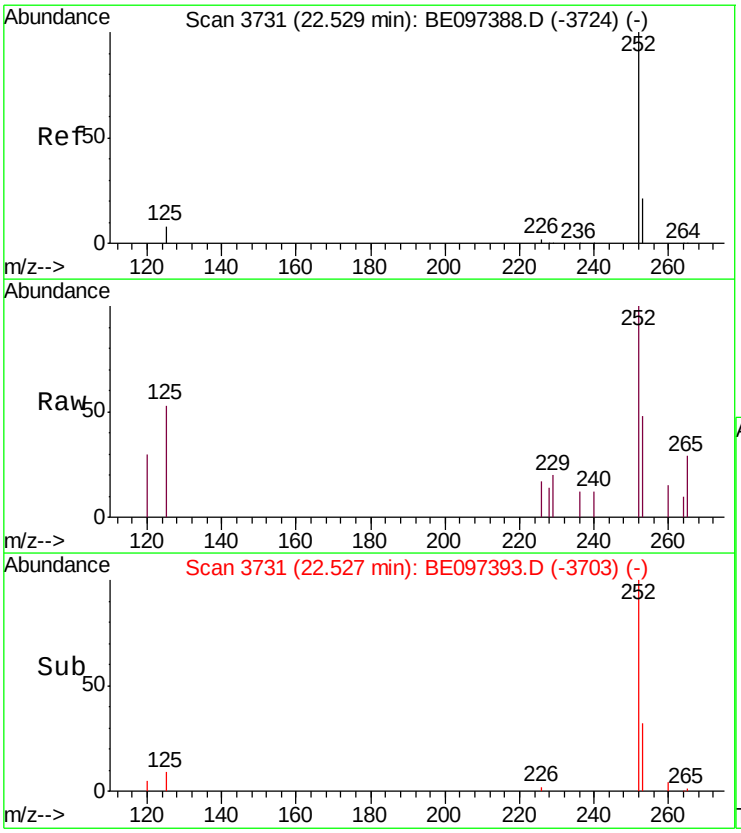
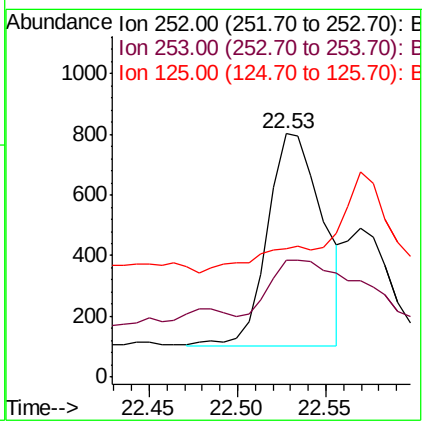


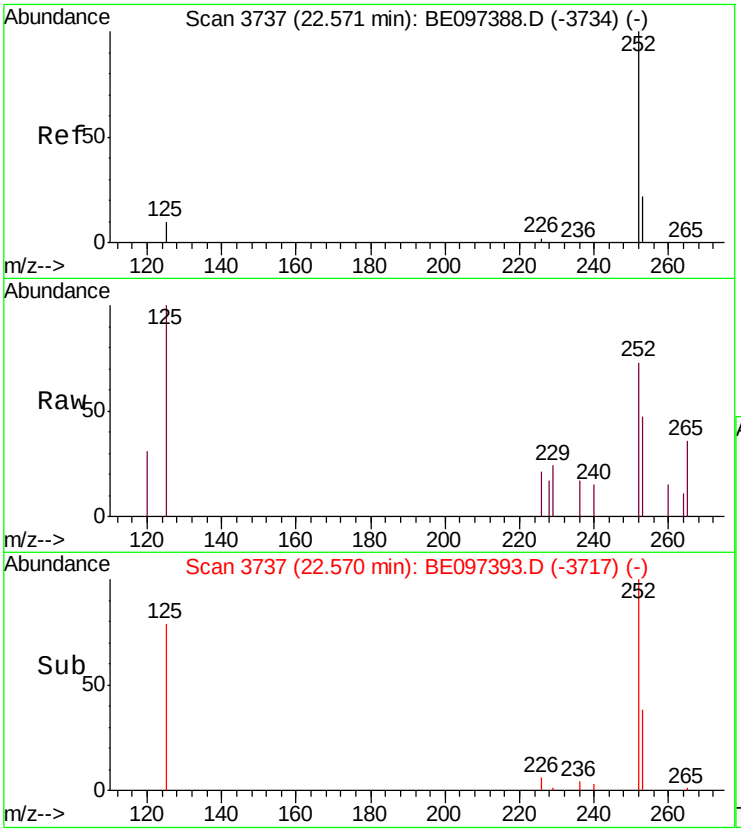


#21
Benzo(b)fluoranthene
Concen: 0.058 ng/ul m
RT: 22.53 min Scan# 3731
Delta R.T. -0.00 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:252 Resp: 1512

Ion	Ratio	Lower	Upper
252	100		
253	48.3	0.0	64.2
125	52.9	0.0	35.0#

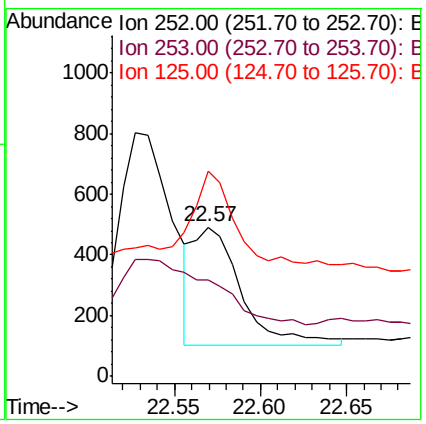




#22
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:252 Resp: 752

Ion	Ratio	Lower	Upper
252	100		
253	64.6	24.5	36.7#
125	137.6	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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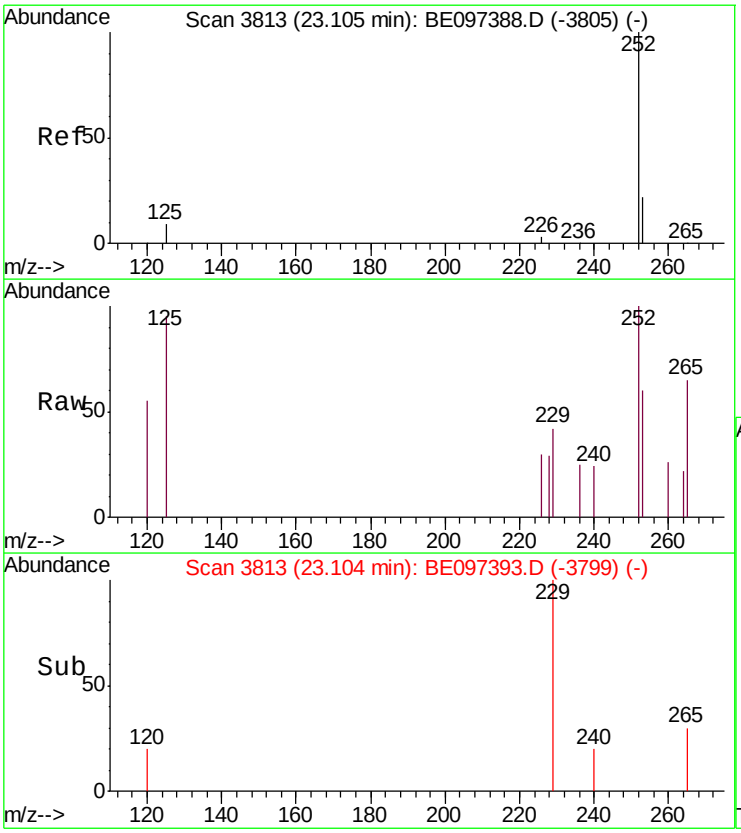
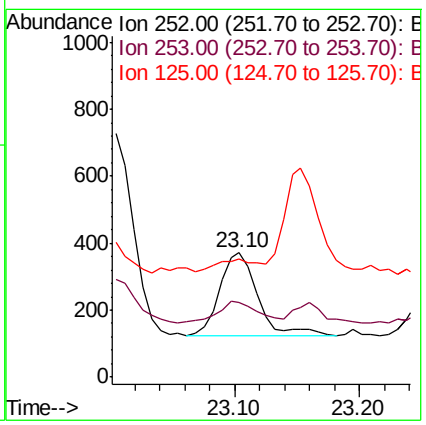
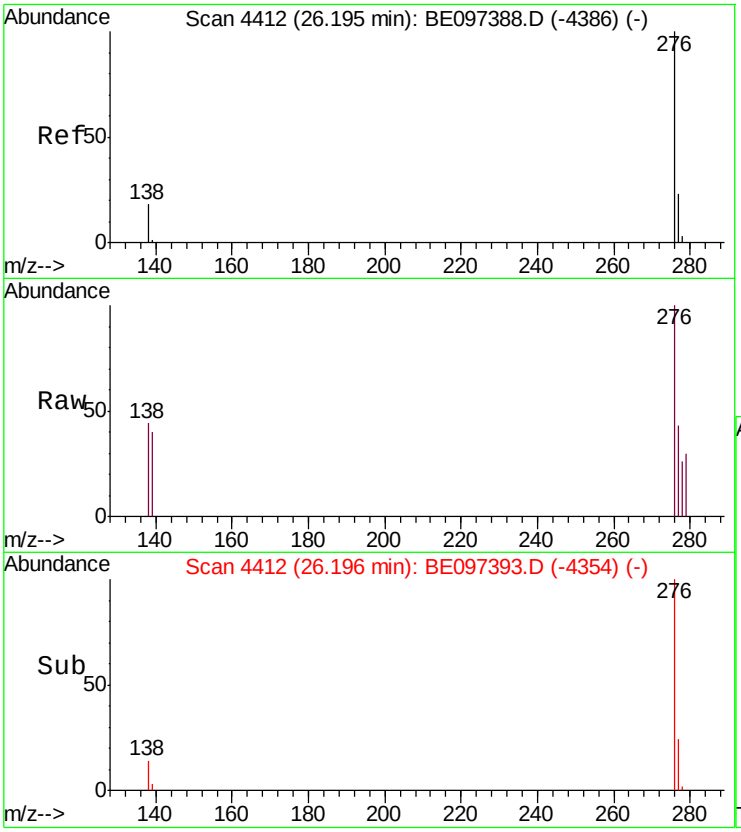


#23
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.10 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:252 Resp: 529

Ion	Ratio	Lower	Upper
252	100		
253	60.1	28.5	42.7#
125	94.9	18.1	27.1#

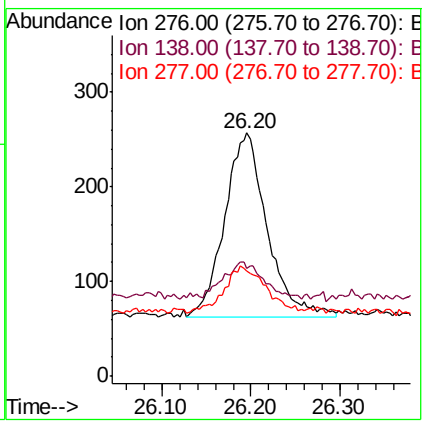




#26
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.20 min Scan# 4412
Delta R.T. 0.01 min
Lab File: BE097393.D
Acq: 29 Aug 2018 17:24

Tgt Ion:276 Resp: 651

Ion	Ratio	Lower	Upper
276	100		
138	44.4	21.8	32.8#
277	43.2	20.5	30.7#



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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8/30/2018 5:36:45 PM