Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
Data File : BN000397.D
Acq On : 15 Mar 2018 04:26
Operator : JU/SJ
Sample : J1865-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAMD9

Manual Integrations APPROVED
Sohil
3/15/2018 7:03:29 PM

Quant Time: Mar 15 08:07:37 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:55:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	274329	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1311966	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	724296	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1535291	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1275716	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1151645	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2218447	30.86	ng/ul	0.00
10) Fluorene-d10	16.05	176	1445032	29.68	ng/ul	0.00
14) Anthracene-d10	17.89	188	2162996	30.15	ng/ul	0.00
18) Pyrene-d10	20.14	212	2238034	35.86	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1608448	30.58	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.79	152	72423	1.003	ng/ul	98
13) Phenanthrene	17.83	178	303534	3.447	ng/ul	99
15) Anthracene	17.92	178	94545	1.058	ng/ul	98
16) Fluoranthene	19.80	202	920081	9.672	ng/ul#	92
19) Pyrene	20.17	202	837921	10.403	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	501831	6.328	ng/ul	98
21) Chrysene	21.94	228	510545	6.784	ng/ul	98
23) Benzo(b)fluoranthene	23.63	252	761479	11.088	ng/ul#	95
24) Benzo(k)fluoranthene	23.68	252	226614m	3.525	ng/ul	
26) Benzo(a)pyrene	24.29	252	500189	7.653	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.96	276	388827	5.518	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.96	278	111202	1.925	ng/ul#	83
29) Benzo(g,h,i)perylene	27.76	276	363576	6.179	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
Data File : BN000397.D
Acq On : 15 Mar 2018 04:26
Operator : JU/SJ
Sample : J1865-13
Misc :
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Instrument :
BNA_N
ClientSampleId :
DAMD9

Manual Integrations APPROVED
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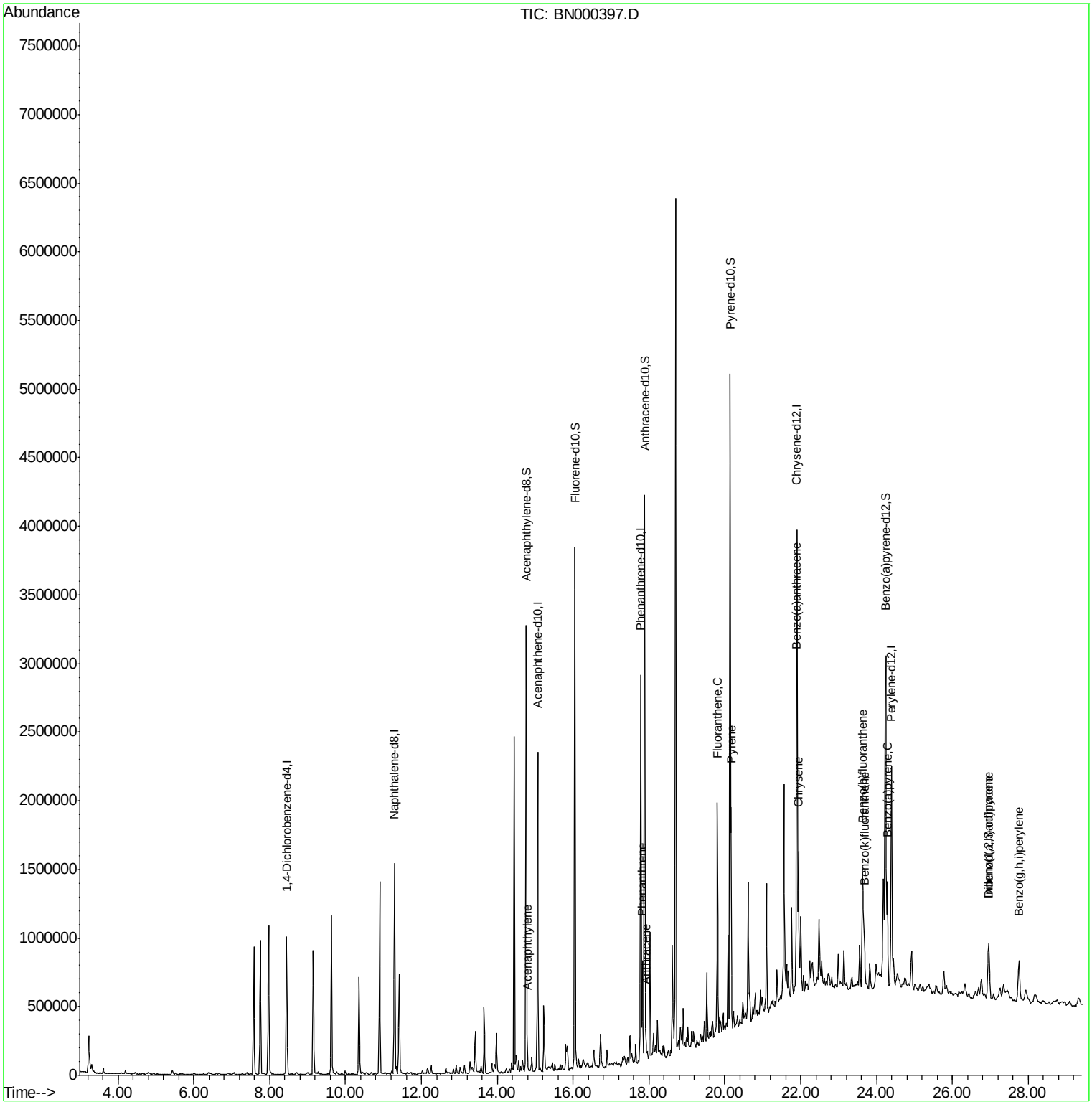
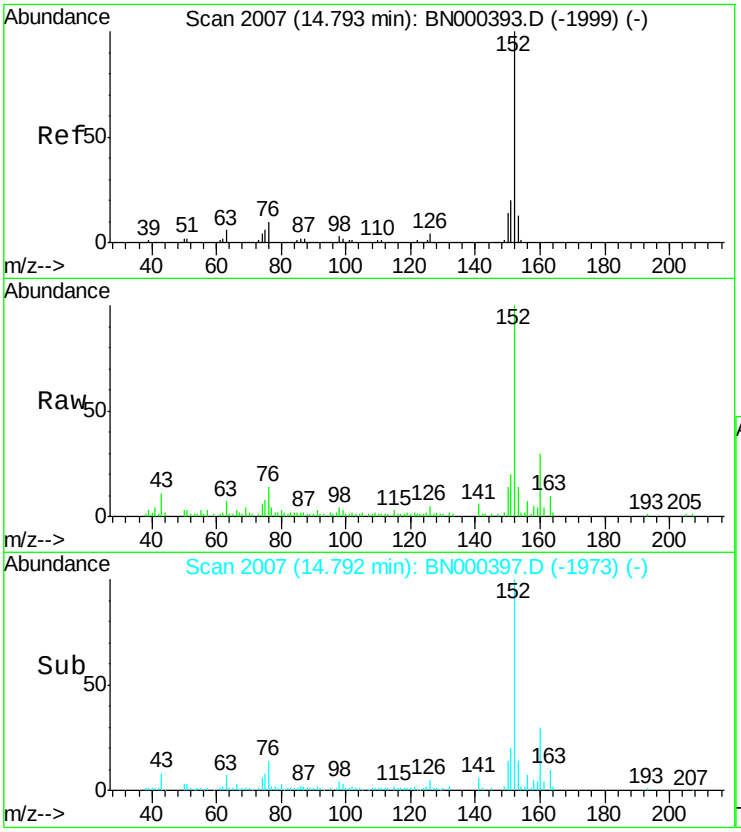
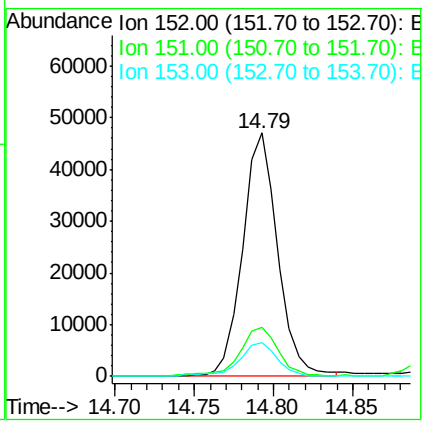




#8
Acenaphthylene
Concen: 1.003 ng/ul
RT: 14.79 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:152 Resp: 72423

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1
153	14.0	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
DAMD9

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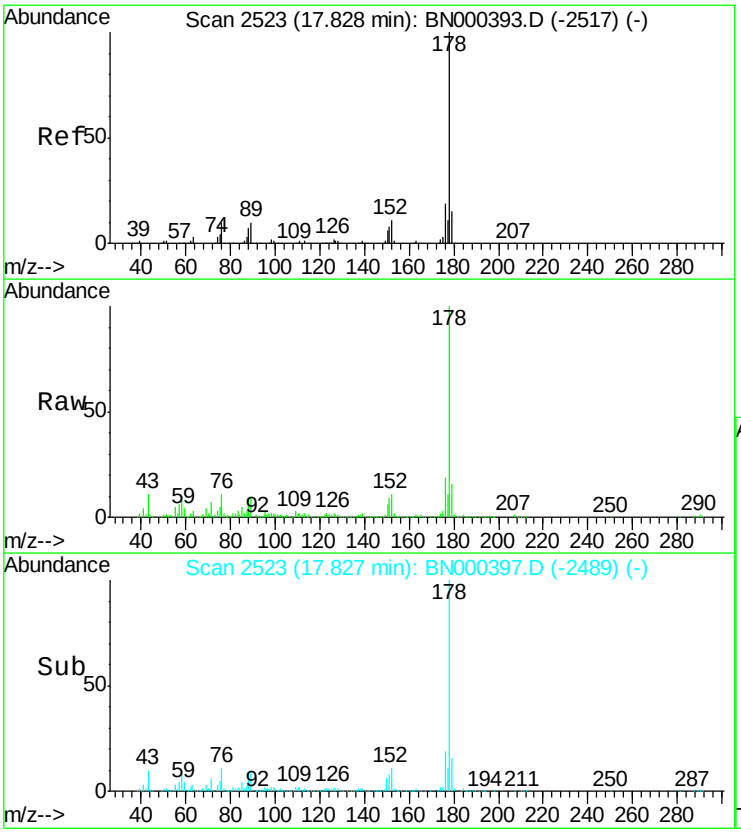
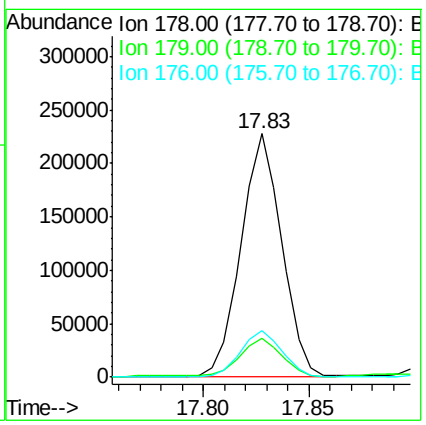
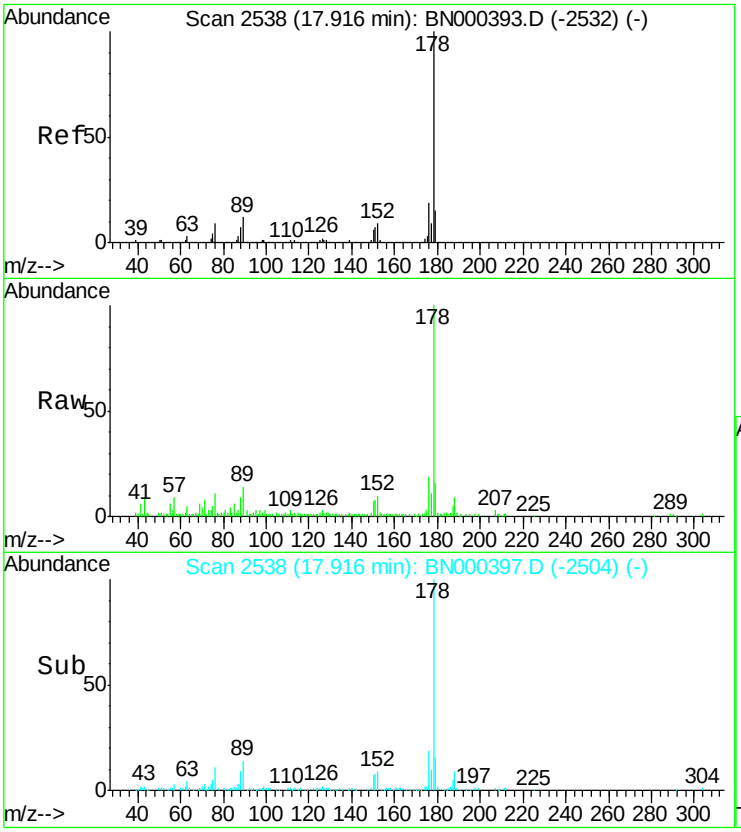


#13
Phenanthrene
Concen: 3.447 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:178 Resp: 303534

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.2	15.1	22.7

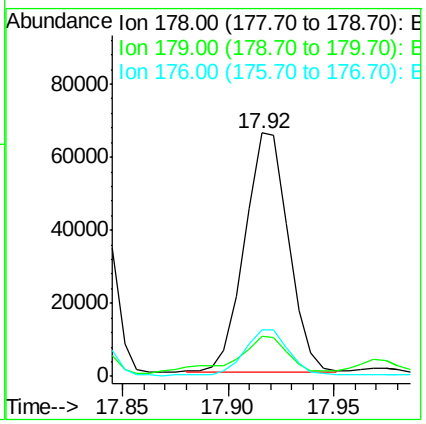




#15
Anthracene
Concen: 1.058 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:178 Resp: 94545

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	18.9	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
DAMD9

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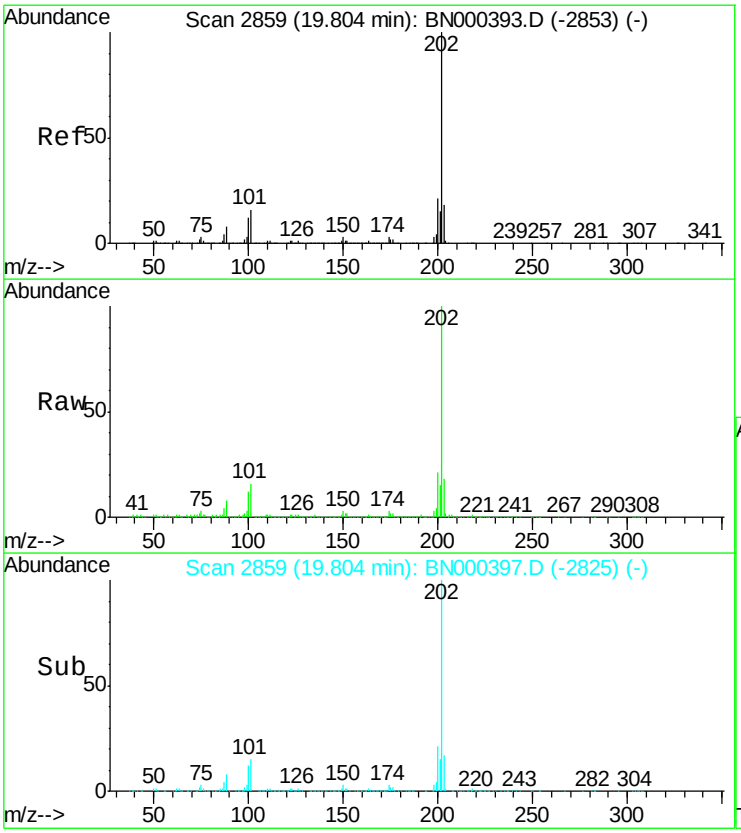
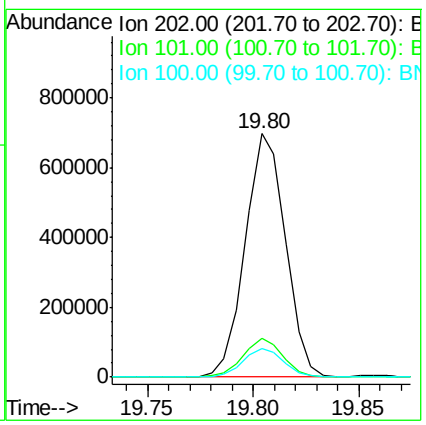
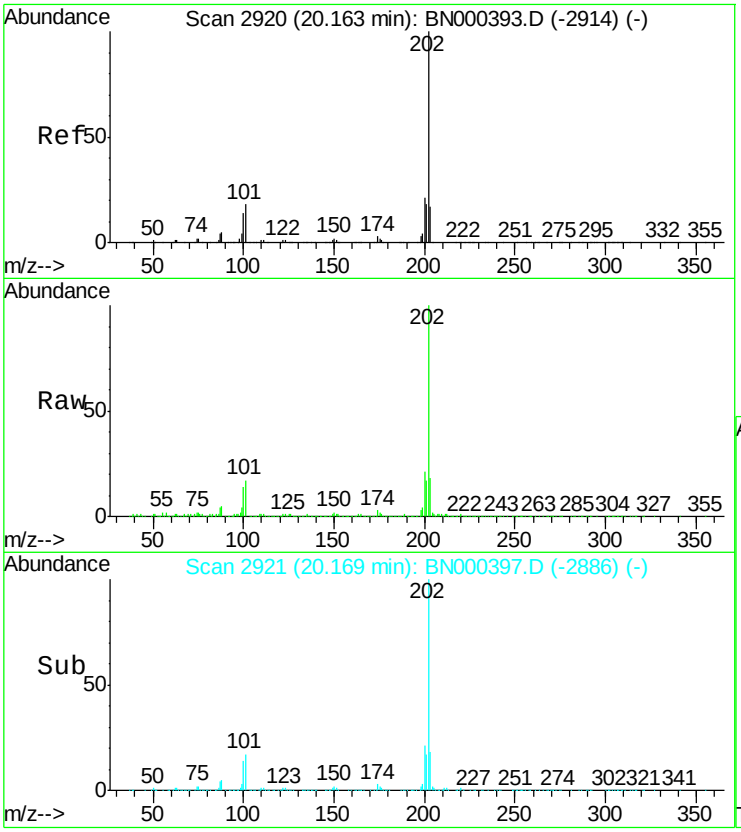


#16
Fluoranthene
Concen: 9.672 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:202 Resp: 920081

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.9	14.9#
100	11.8	7.4	11.0#





#19
Pyrene
Concen: 10.403 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:202 Resp: 837921

Ion	Ratio	Lower	Upper
202	100		
101	17.3	11.0	16.4#
100	13.6	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAMD9

Manual Integrations APPROVED
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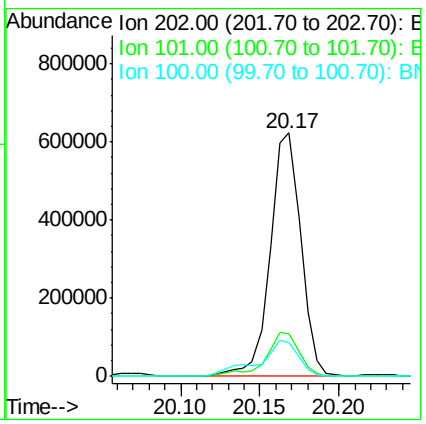
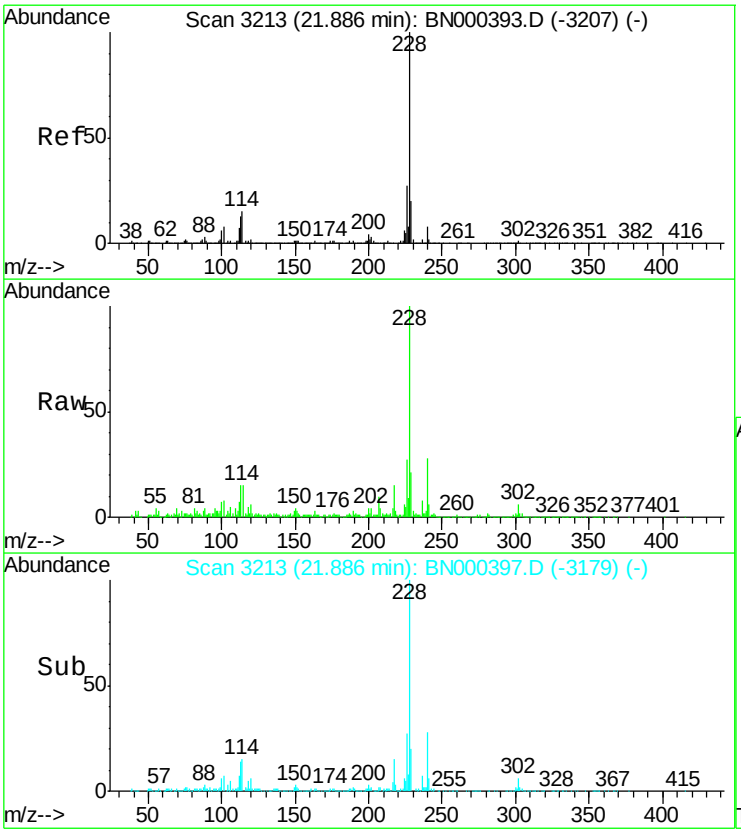
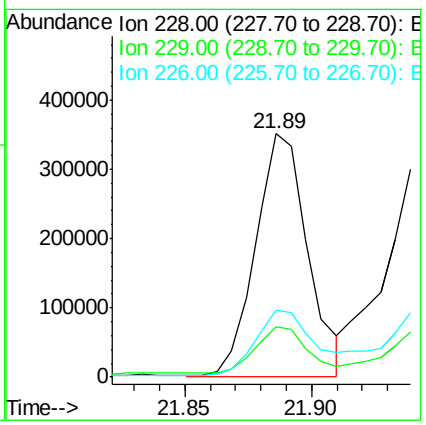


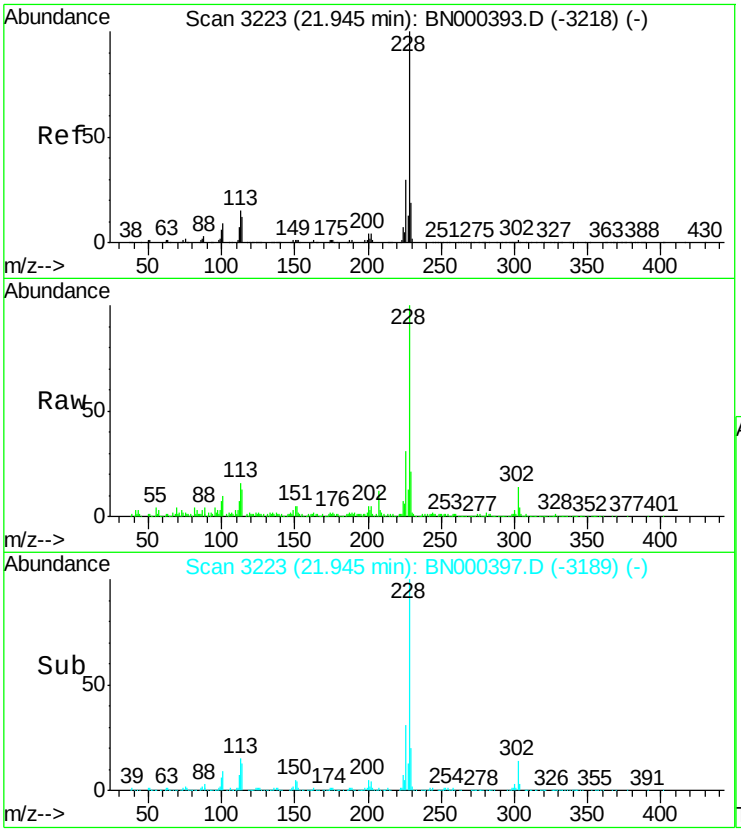


#20
Benzo(a)anthracene
Concen: 6.328 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:228 Resp: 501831

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.5	21.1	31.7

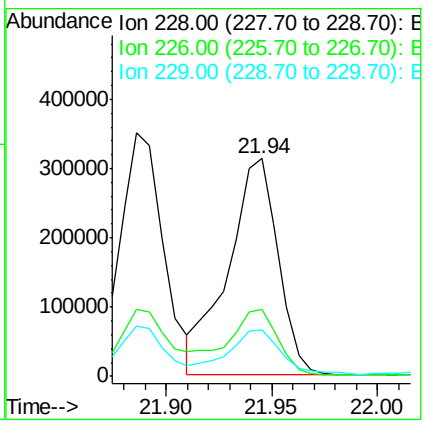




#21
Chrysene
Concen: 6.784 ng/ul
RT: 21.94 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:228 Resp: 510545

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	21.2	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAMD9

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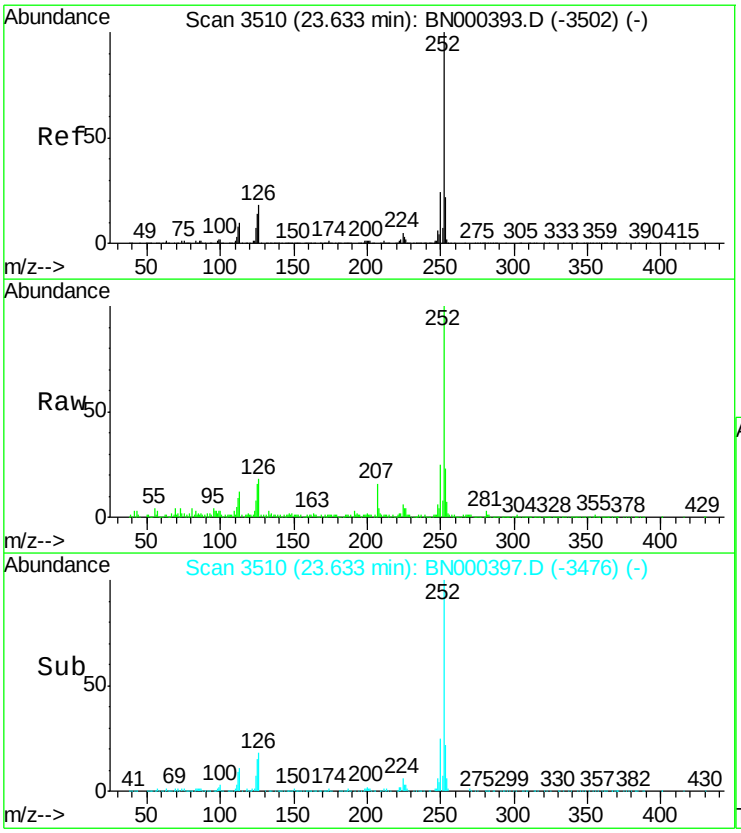
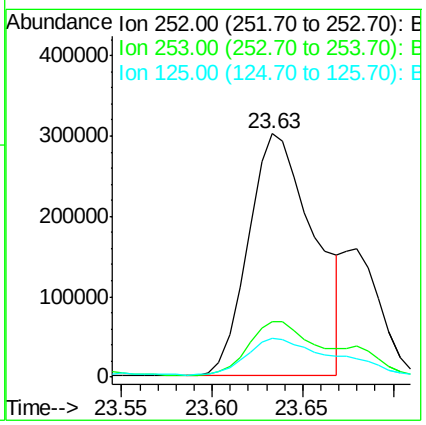
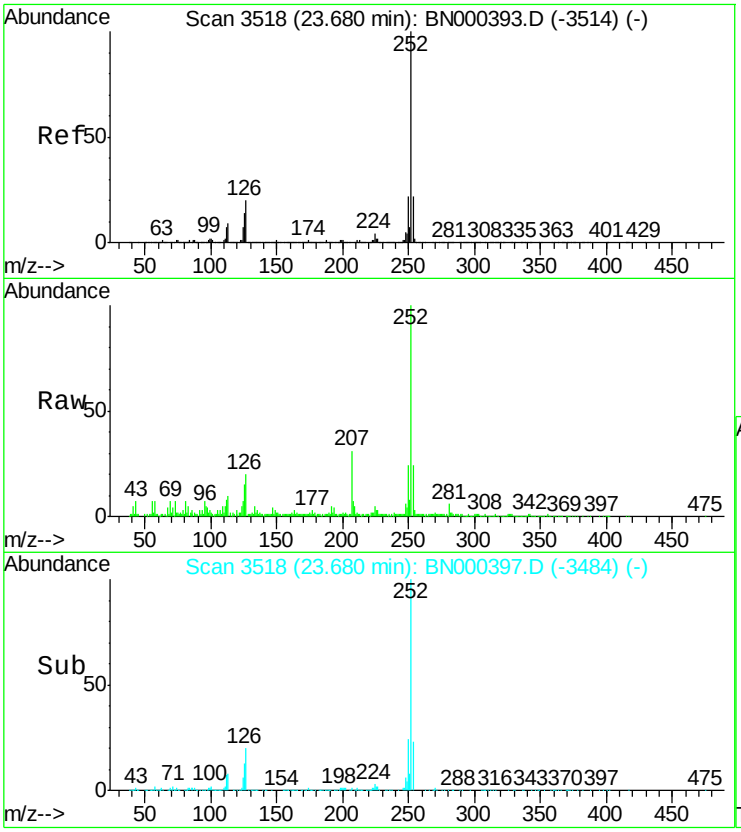


#23
Benzo(b)fluoranthene
Concen: 11.088 ng/ul
RT: 23.63 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:252 Resp: 761479

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.9	8.0	12.0#

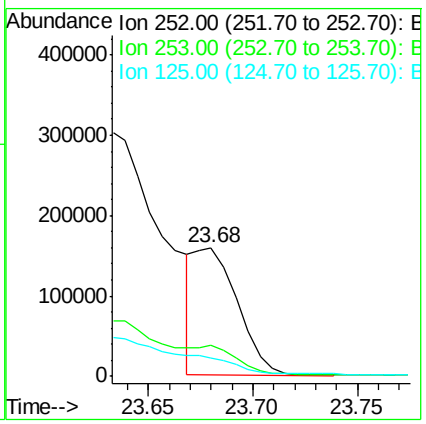




#24
Benzo(k)fluoranthene
Concen: 3.525 ng/ul m
RT: 23.68 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:252 Resp: 226614

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	14.8	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAMD9

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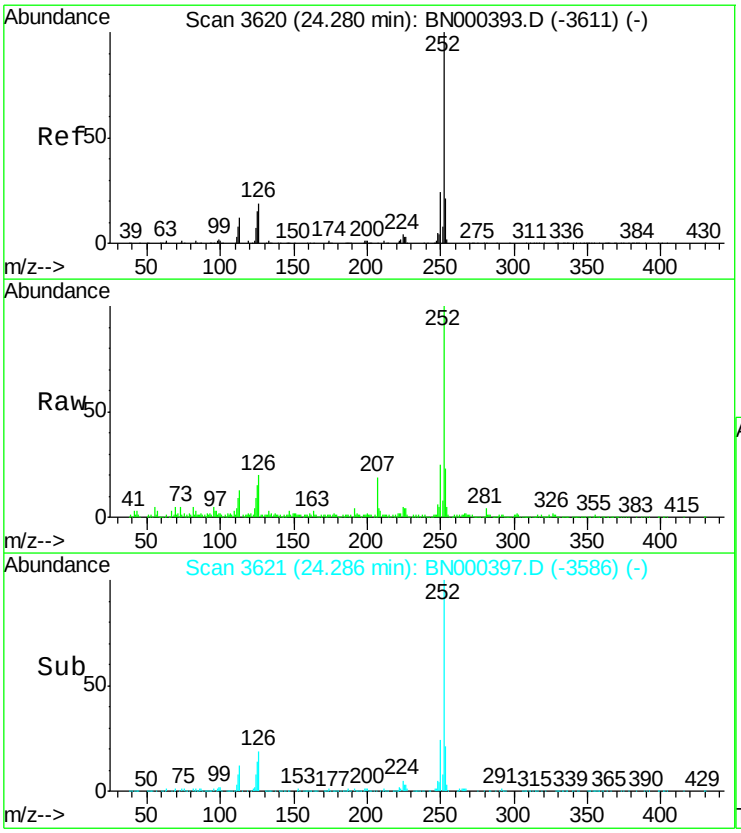
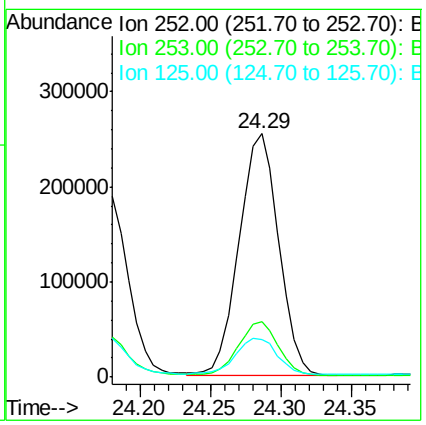
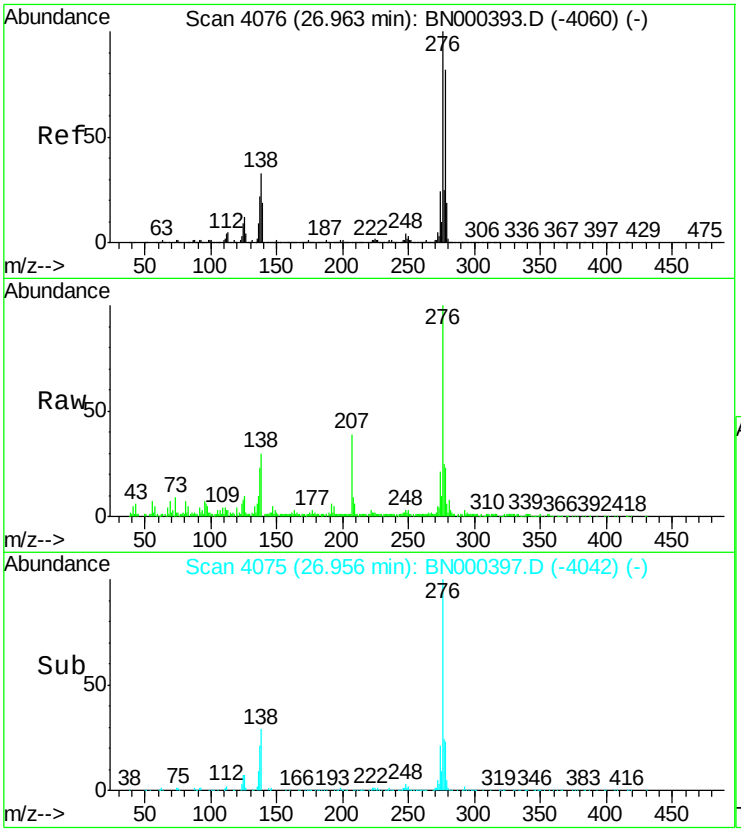


#26
Benzo(a)pyrene
Concen: 7.653 ng/ul
RT: 24.29 min Scan# 3621
Delta R.T. 0.01 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:252 Resp: 500189

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	15.5	8.2	12.4#

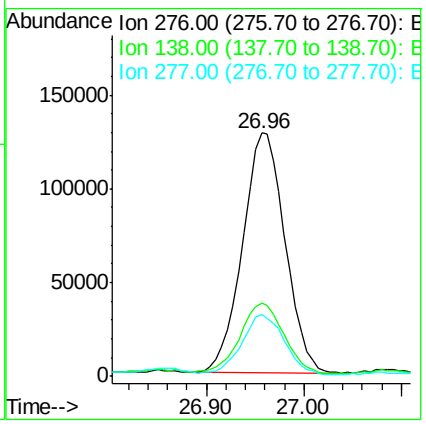




#27
Indeno(1,2,3-cd)pyrene
Concen: 5.518 ng/ul
RT: 26.96 min Scan# 4075
Delta R.T. -0.01 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:276 Resp: 388827

Ion	Ratio	Lower	Upper
276	100		
138	30.2	14.4	21.6#
277	25.4	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
DAMD9

Manual Integrations APPROVED
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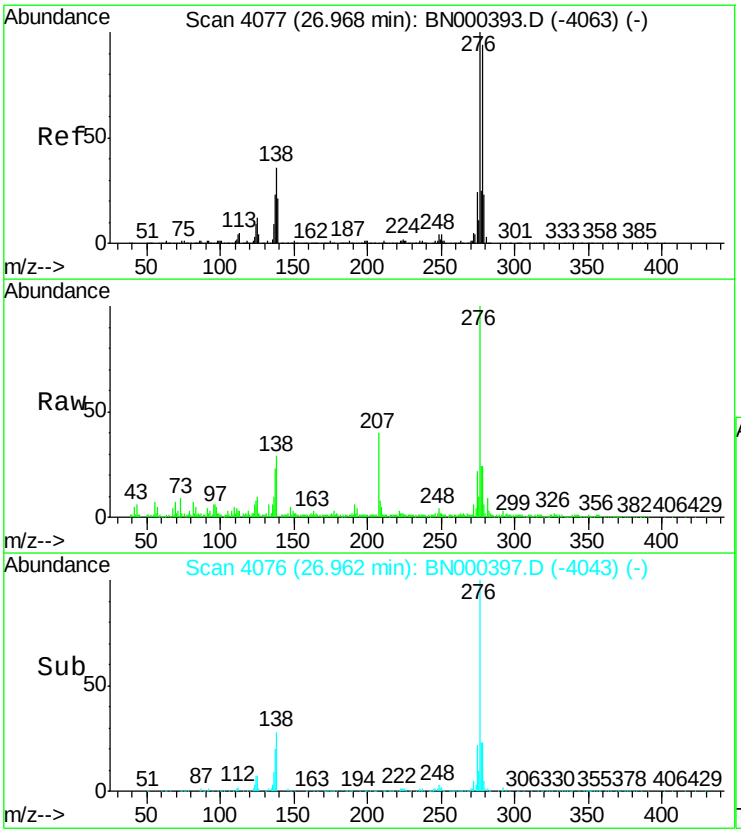
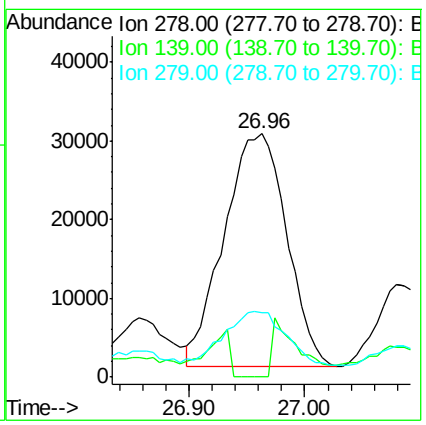
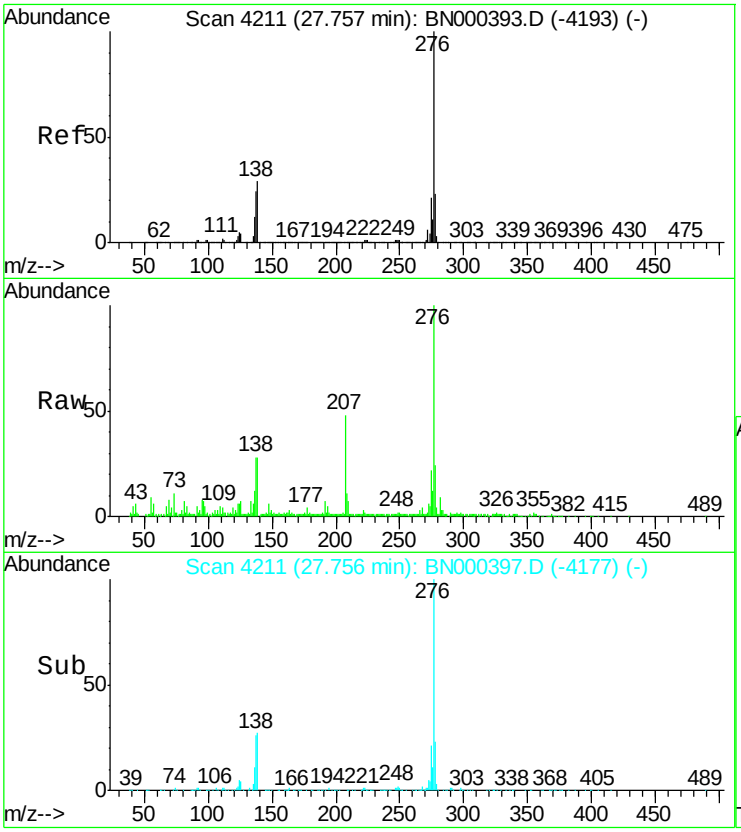


#28
Dibenzo(a,h)anthracene
Concen: 1.925 ng/ul
RT: 26.96 min Scan# 4076
Delta R.T. -0.01 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:278 Resp: 111202

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	26.2	19.2	28.8

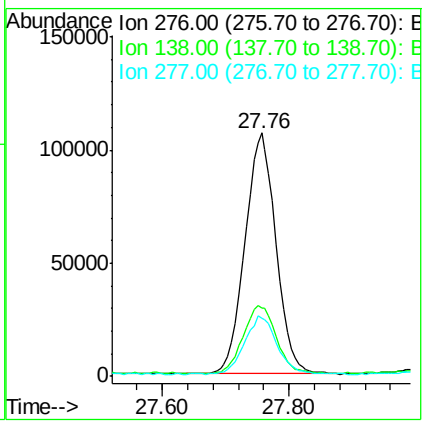




#29
Benzo(g,h,i)perylene
Concen: 6.179 ng/ul
RT: 27.76 min Scan# 4211
Delta R.T. -0.00 min
Lab File: BN000397.D
Acq: 15 Mar 2018 04:26

Tgt Ion:276 Resp: 363576

Ion	Ratio	Lower	Upper
276	100		
138	28.1	15.3	22.9#
277	23.7	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DAMD9

Manual Integrations APPROVED
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3/15/2018 7:03:29 PM