Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097206.D
Acq On : 4 Aug 2018 17:58
Operator : SJ/JU
Sample : J4206-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 06 00:56:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1333	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7059	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4498	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	603380	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.98
20) Perylene-d12	23.21	264	14018	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	2995	0.26	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.18	128	728	0.043	ng/ul#	82
5) 2-Methylnaphthalene	11.80	142	466	0.041	ng/ul	96
7) Acenaphthylene	13.73	152	690	0.035	ng/ul#	78
8) Acenaphthene	14.08	153	295	0.021	ng/ul#	90
9) Fluorene	15.08	166	659	0.041	ng/ul#	87
21) Benzo(b)fluoranthene	22.54	252	8985	0.235	ng/ul	91
22) Benzo(k)fluoranthene	22.54	252	8985	0.218	ng/ul#	89
23) Benzo(a)pyrene	23.11	252	5507	0.144	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.50	276	3479	0.073	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.52	278	814	0.021	ng/ul#	45
26) Benzo(g,h,i)perylene	26.21	276	3680	0.089	ng/ul	93

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

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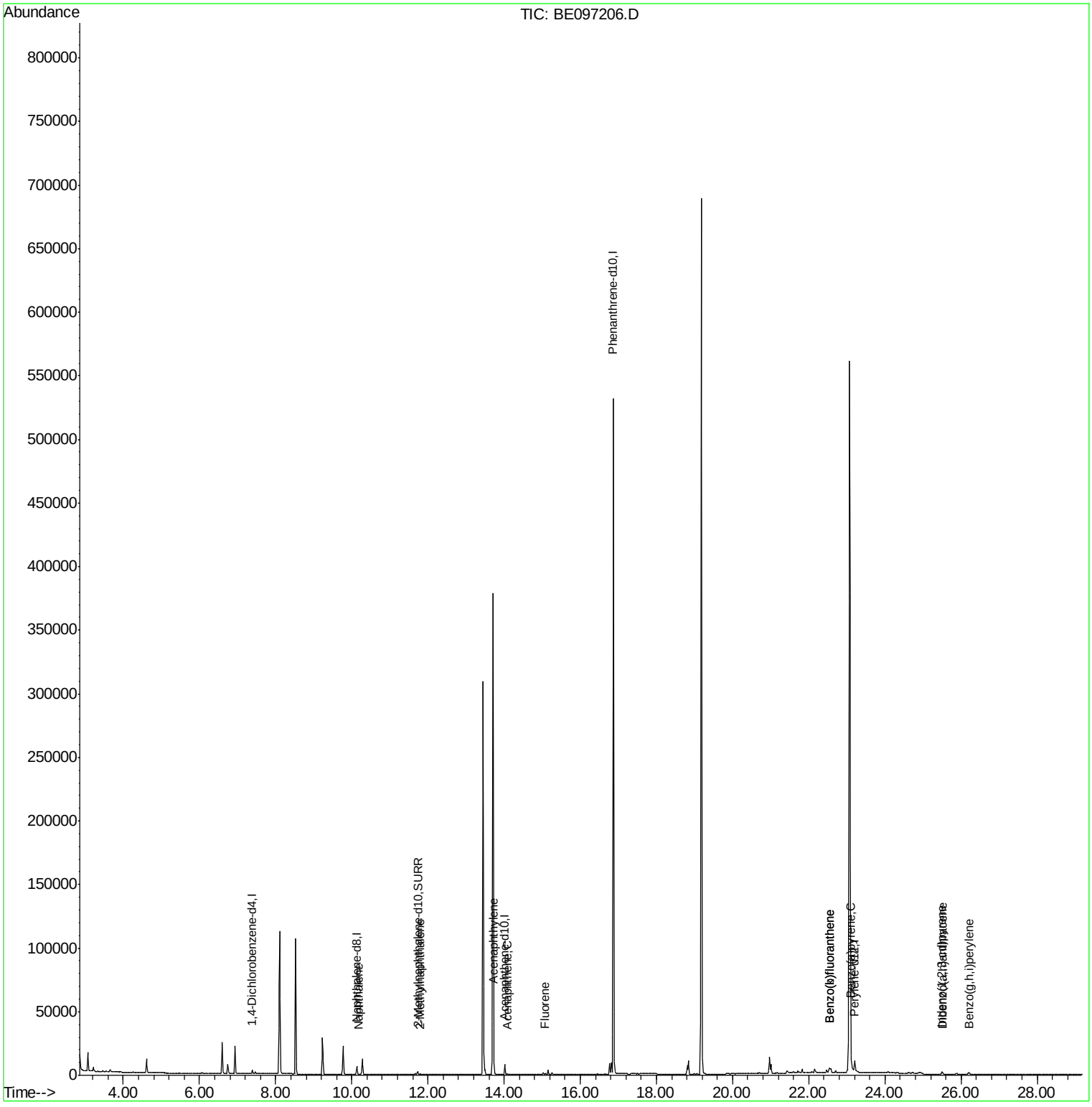
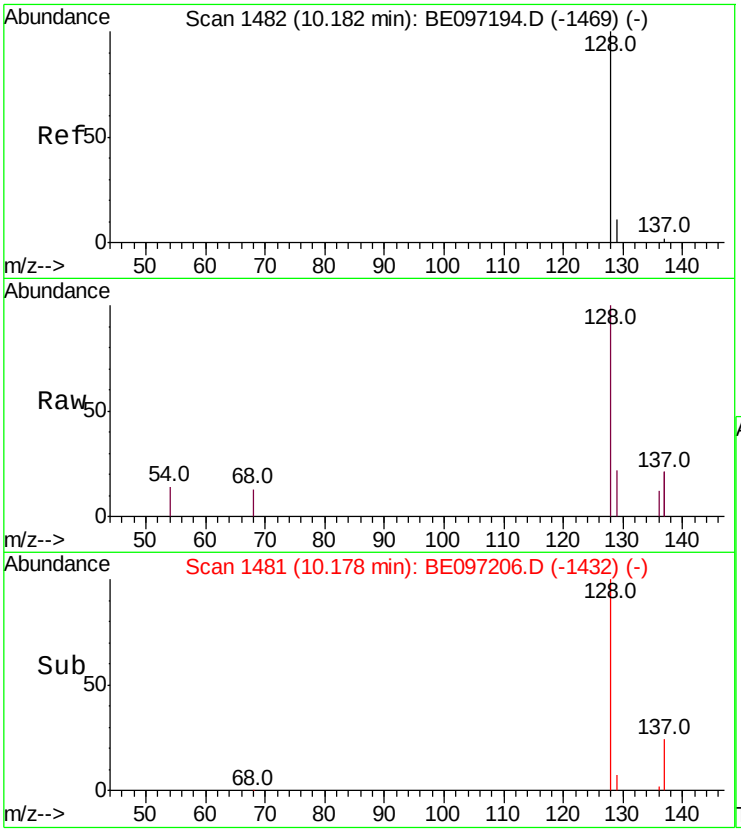


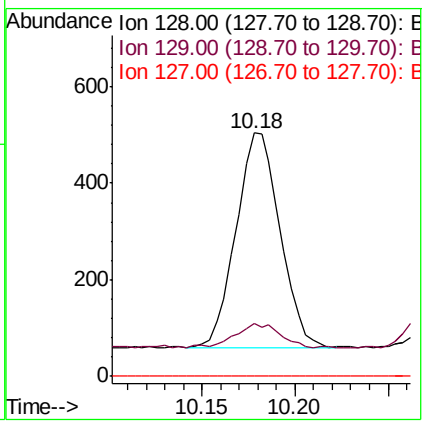


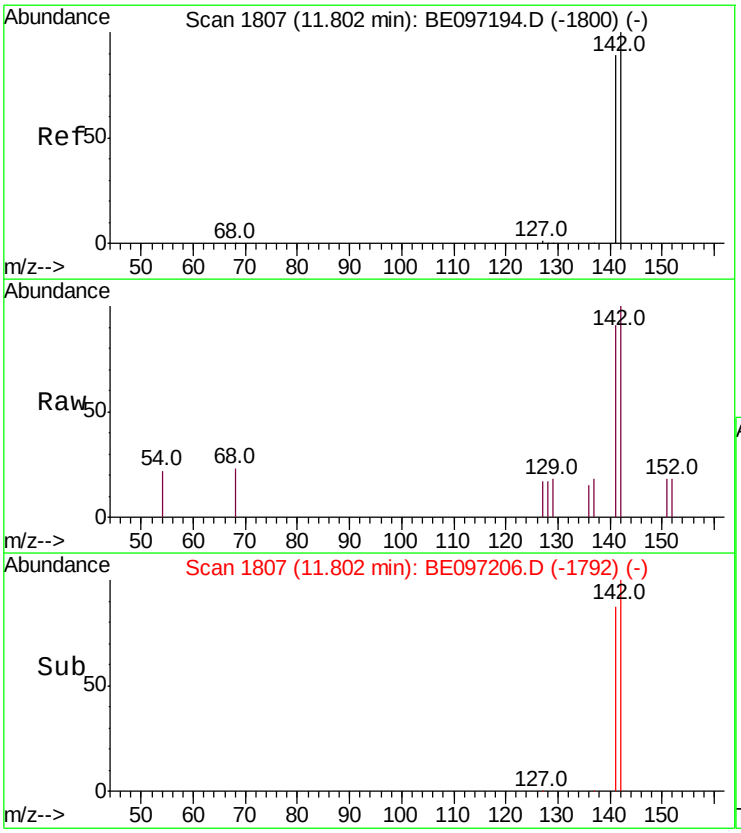
#3
Naphthalene
Concen: 0.043 ng/ul
RT: 10.18 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 728

Ion	Ratio	Lower	Upper
128	100		
129	21.6	11.3	16.9#
127	0.0	4.0	6.0#

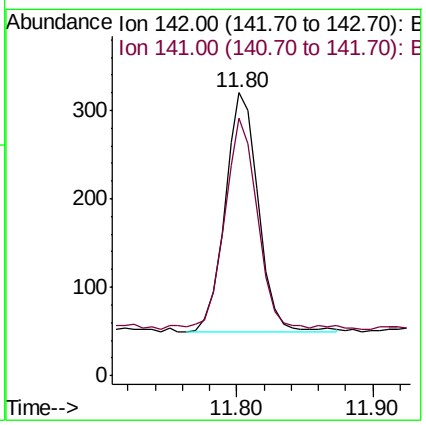


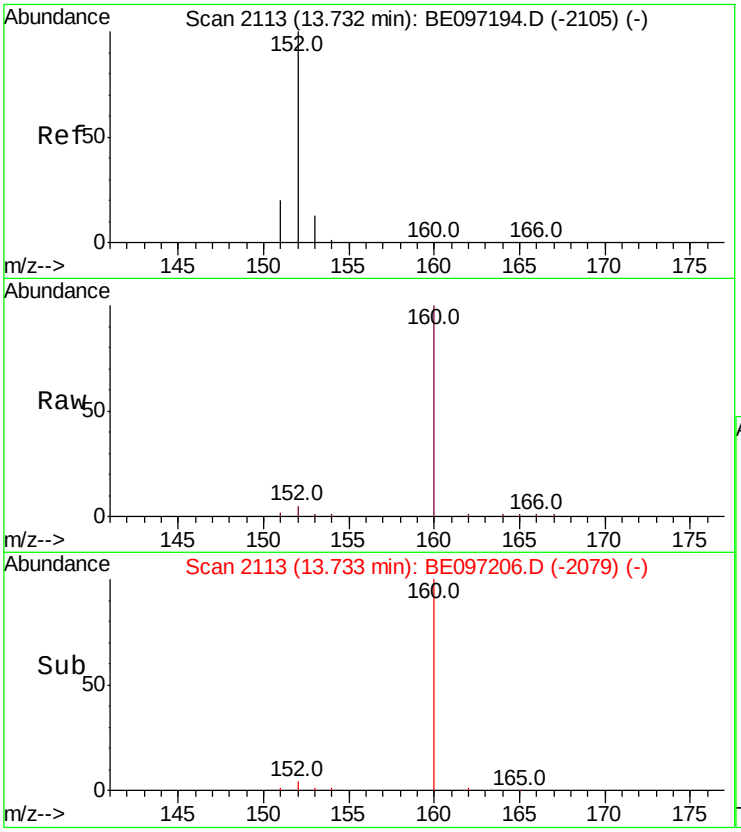


#5
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 11.80 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Tgt Ion:142 Resp: 466

Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.6	108.8



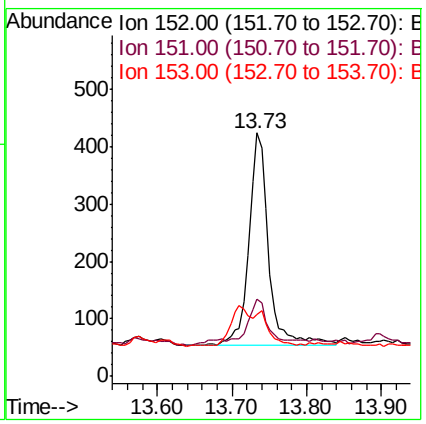


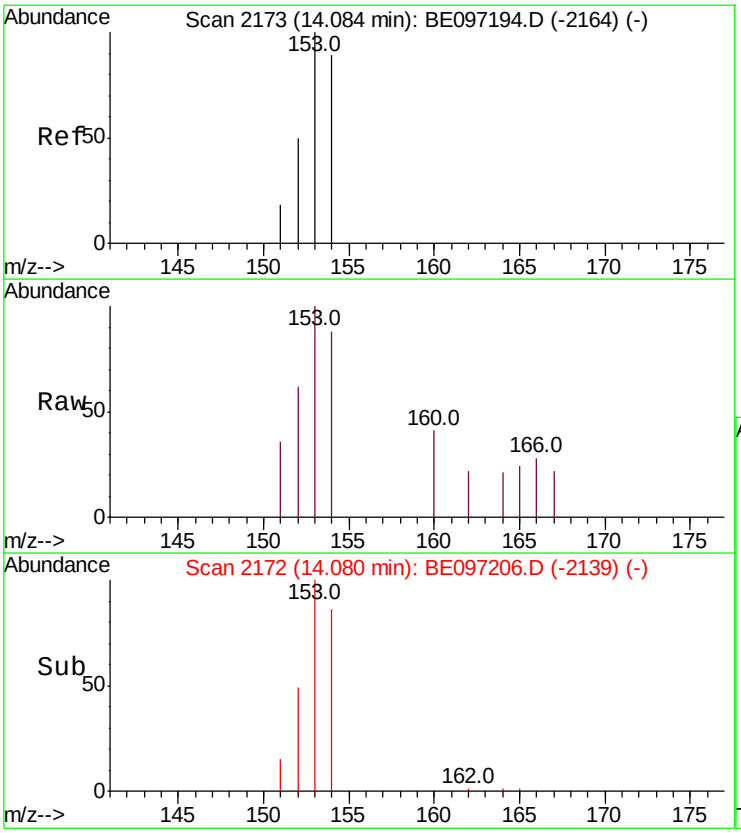
#7
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.73 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 690

Ion	Ratio	Lower	Upper
152	100		
151	31.6	17.1	25.7#
153	25.5	12.8	19.2#

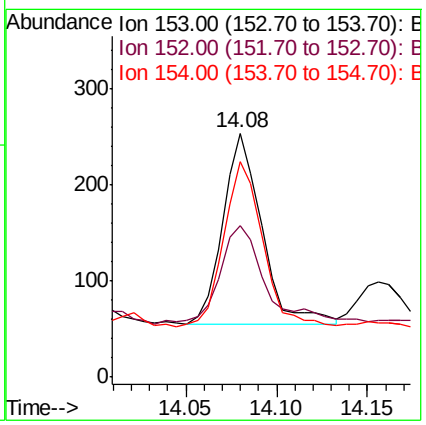


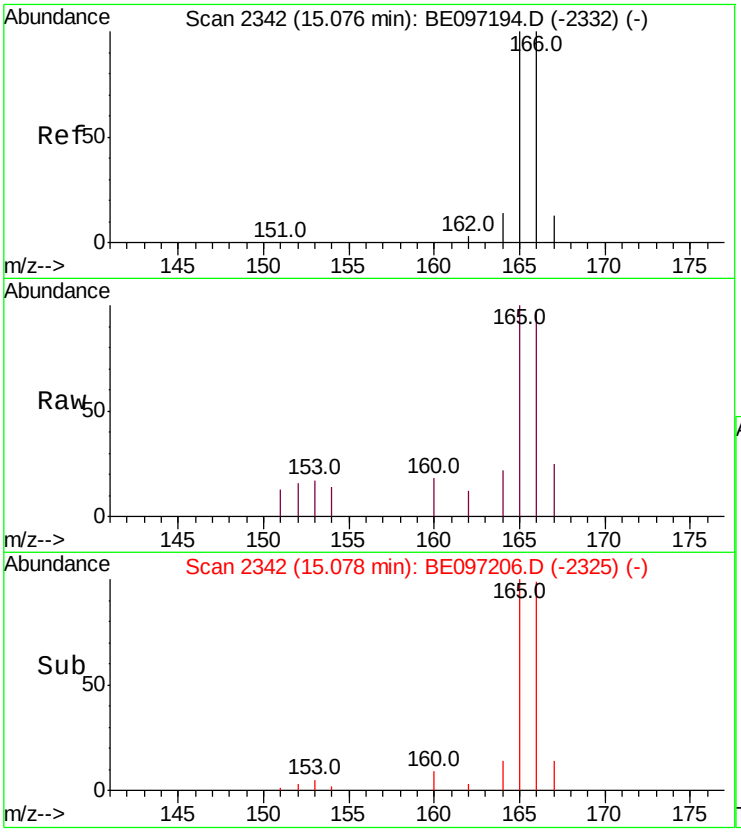


#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Tgt Ion:153 Resp: 295

Ion	Ratio	Lower	Upper
153	100		
152	62.1	36.0	54.0#
154	88.1	72.0	108.0



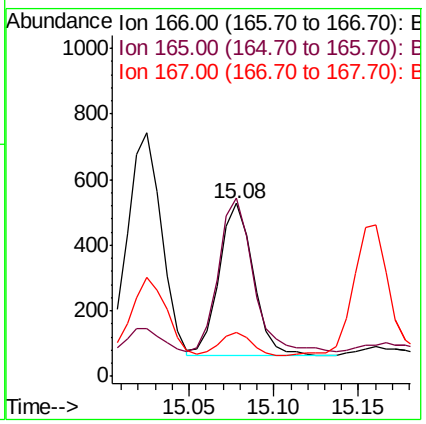


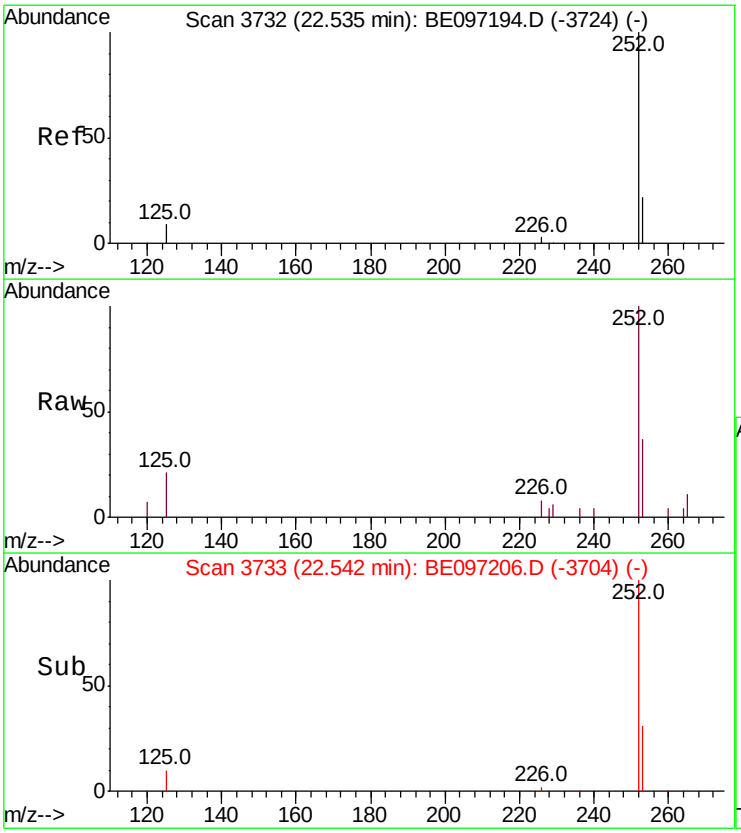
#9
Fluorene
Concen: 0.041 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 659

Ion	Ratio	Lower	Upper
166	100		
165	103.2	73.4	110.2
167	25.8	14.6	22.0#

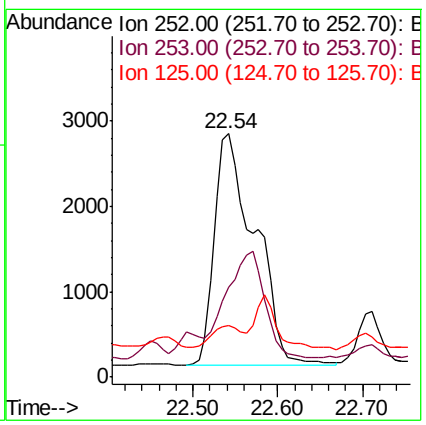


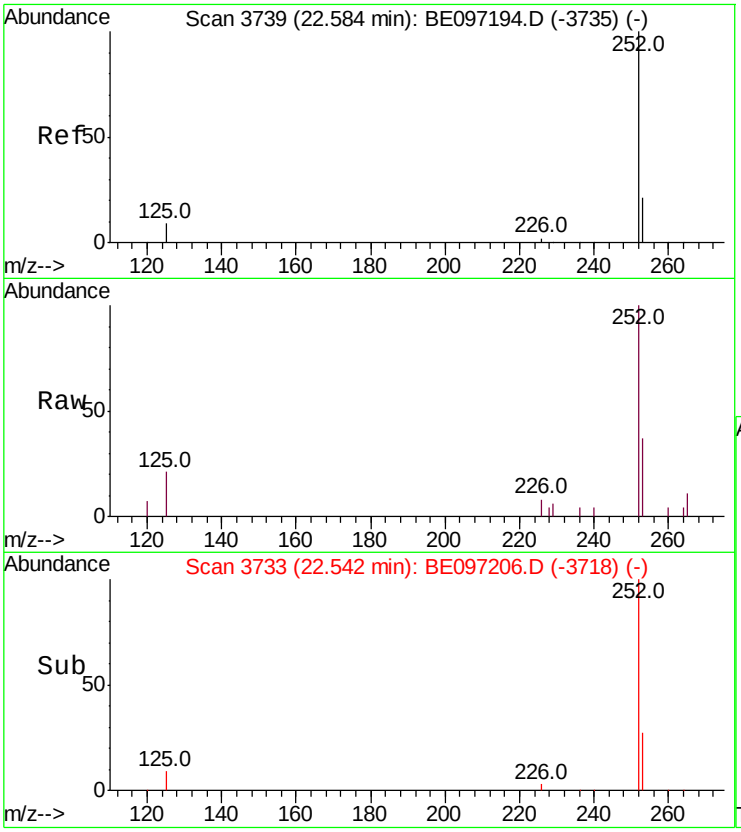


#21
Benzo(b)fluoranthene
Concen: 0.235 ng/ul
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Tgt Ion:252 Resp: 8985

Ion	Ratio	Lower	Upper
252	100		
253	36.7	0.0	64.2
125	21.4	0.0	35.0



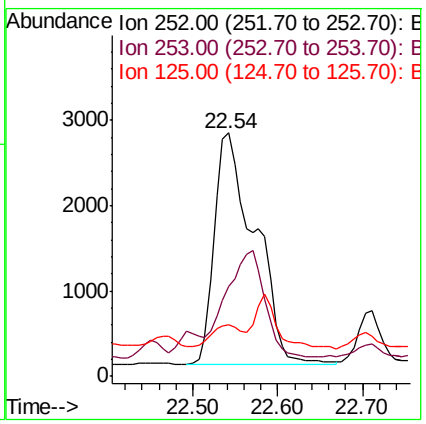


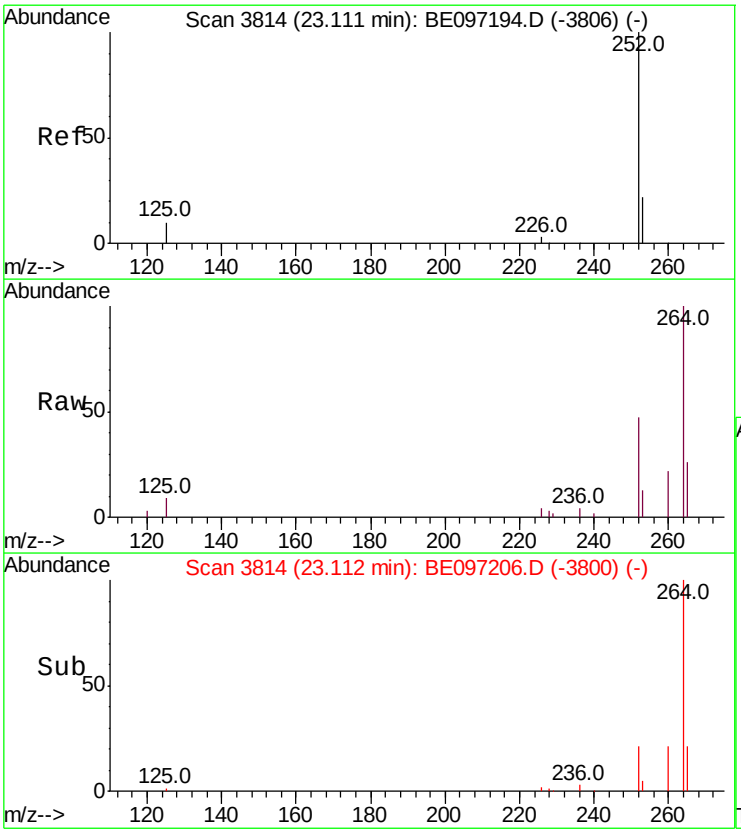
#22
Benzo(k)fluoranthene
Concen: 0.218 ng/ul
RT: 22.54 min Scan# 3733
Delta R.T. -0.04 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8985

Ion	Ratio	Lower	Upper
252	100		
253	36.7	24.5	36.7#
125	21.4	13.7	20.5#

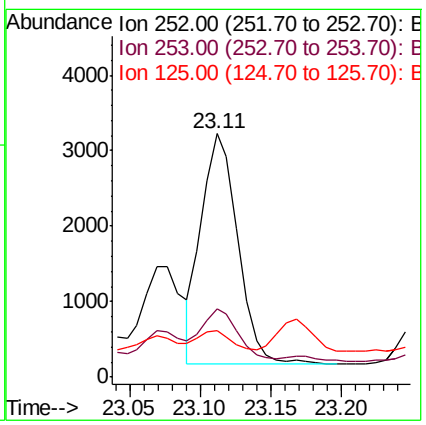


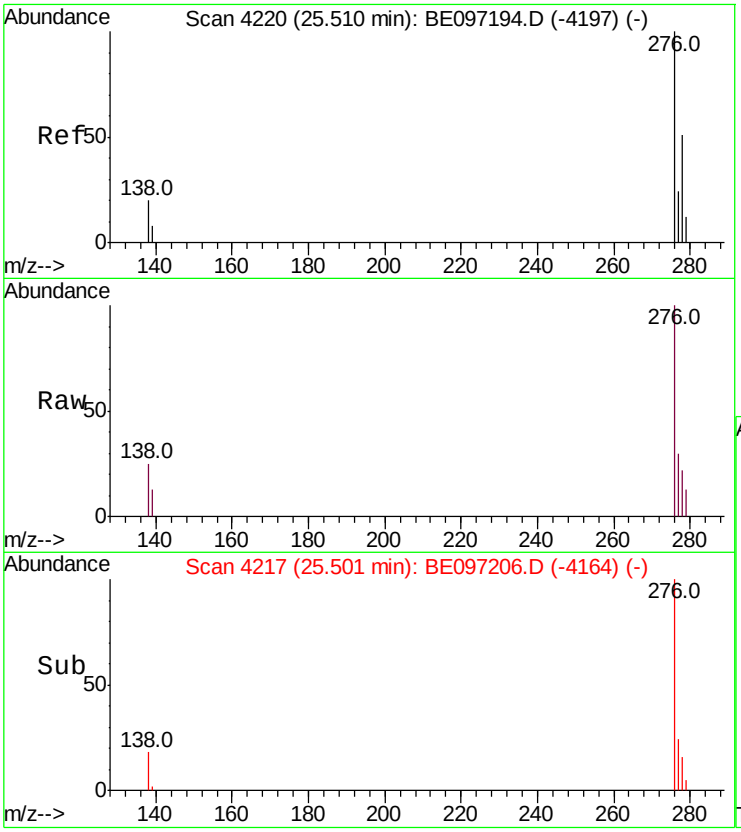


#23
Benzo(a)pyrene
Concen: 0.144 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Tgt Ion:252 Resp: 5507

Ion	Ratio	Lower	Upper
252	100		
253	27.8	28.5	42.7#
125	18.9	18.1	27.1



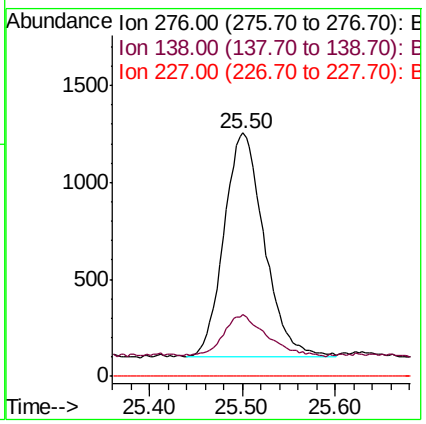


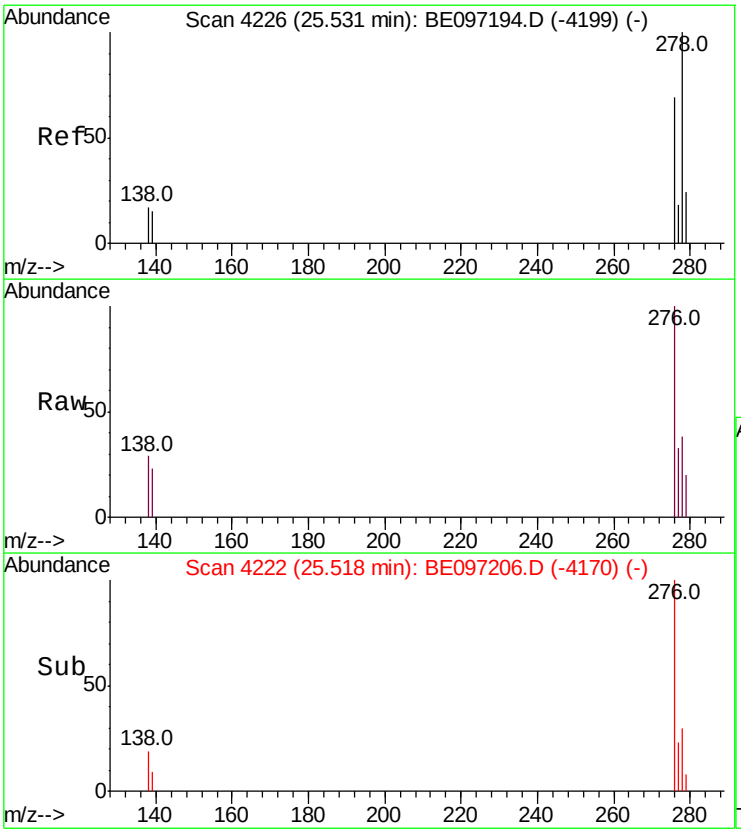
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.073 ng/ul
RT: 25.50 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3479

Ion	Ratio	Lower	Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

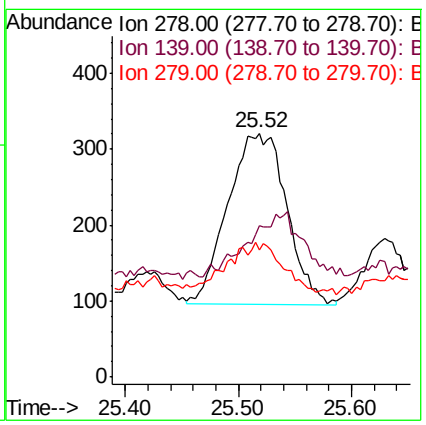


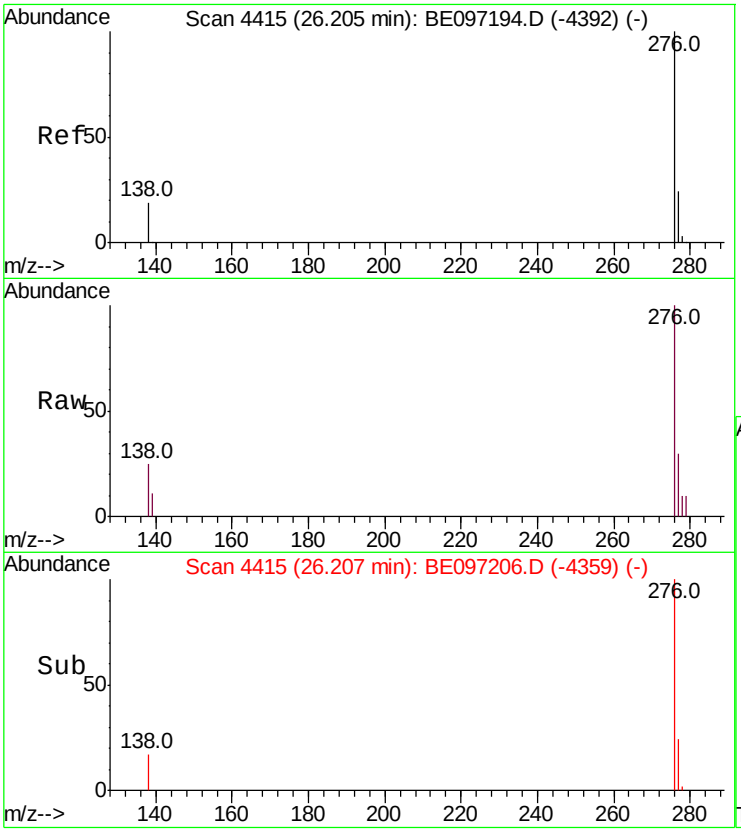


#25
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Tgt Ion:278 Resp: 814

Ion	Ratio	Lower	Upper
278	100		
139	62.0	17.4	26.0#
279	52.0	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 26.21 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE097206.D
Acq: 4 Aug 2018 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3680

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.8	32.8
277	30.0	20.5	30.7