Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\

Quantitation Report (Not Reviewed)

Data File : BE093149.D
Acq On : 14 Jun 2017 2:27
Operator : SJ/MA
Sample : I3558-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C64

Quant Time: Jun 14 08:39:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4947	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	24160	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	14872	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	35110	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	38191	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1882824	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9086	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	25295	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	822820	13.73	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	46892	1.14	ng/ul	98
7) Acenaphthylene	14.08	152	1370	0.02	ng/ul#	80
8) Acenaphthene	14.43	153	4925	0.10	ng/ul	98
9) Fluorene	15.42	166	4868	0.08	ng/ul	94
12) Phenanthrene	17.14	178	72729	0.75	ng/ul#	87
13) Anthracene	17.22	178	4297	0.05	ng/ul#	91
15) Fluoranthene	19.15	202	14955	0.13	ng/ul	84
17) Pyrene	19.52	202	12696	0.11	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	2539	0.02	ng/ul#	88
19) Chrysene	21.24	228	2539	0.02	ng/ul	96

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\

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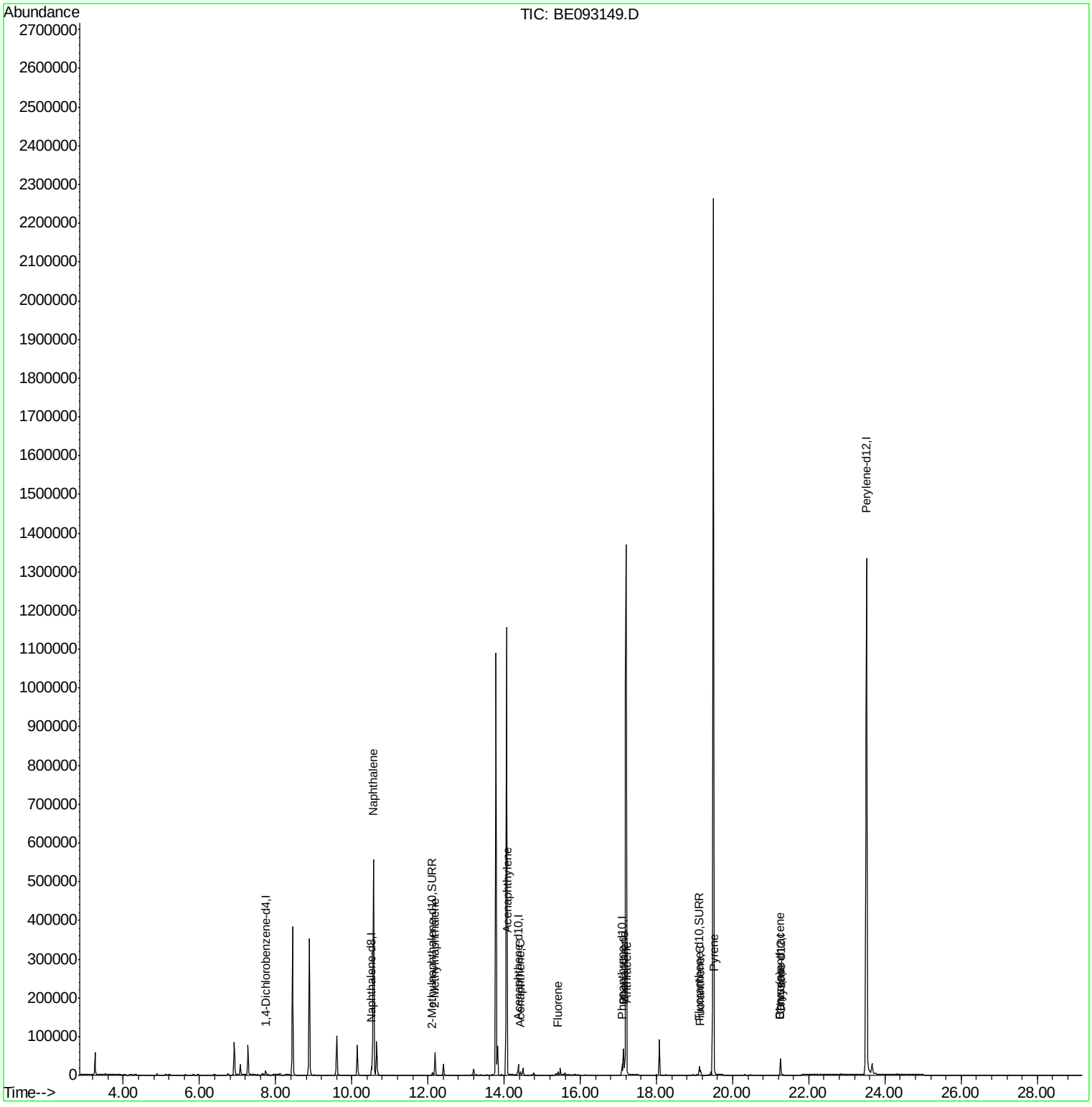
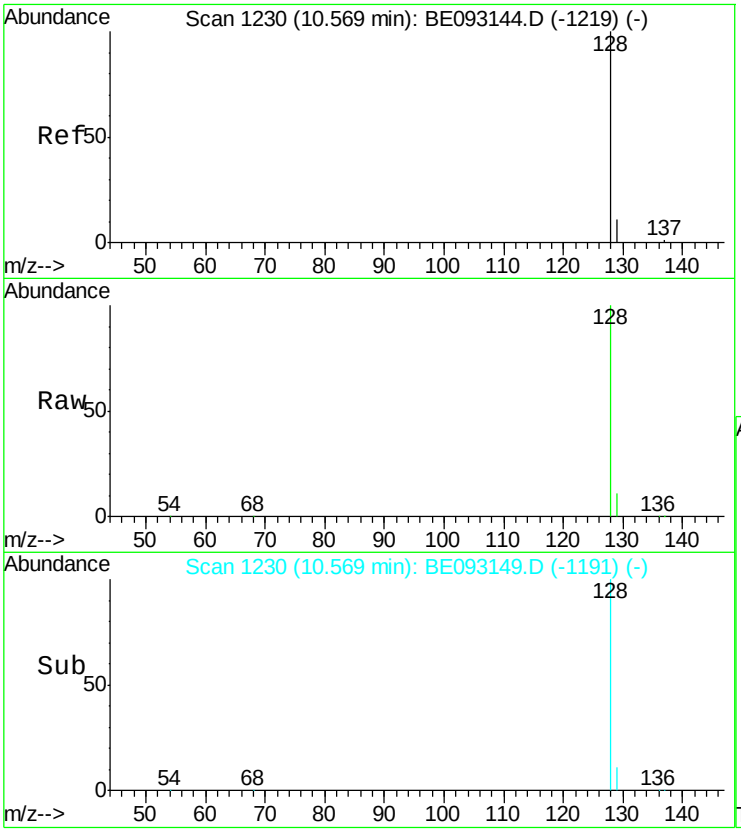
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration



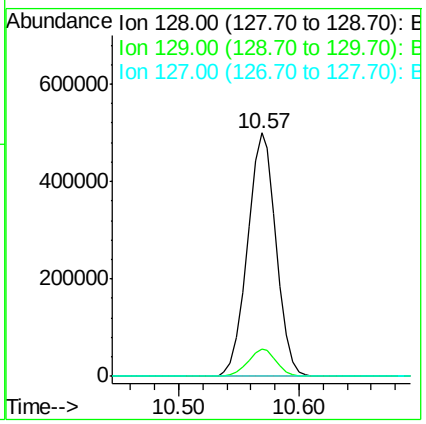


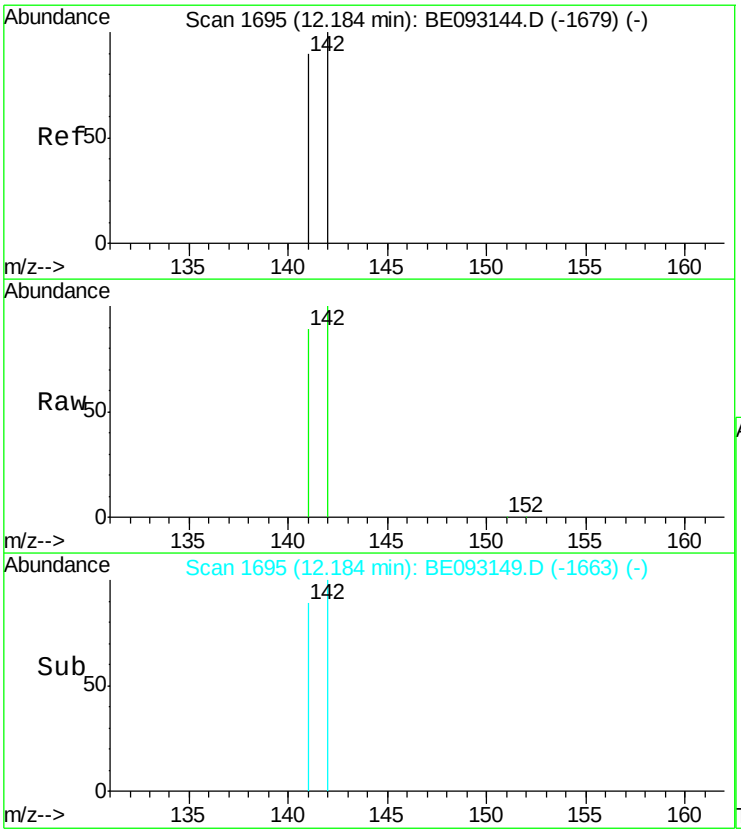
#3
Naphthalene
Concen: 13.73 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Instrument :
BNA_E
ClientSampleId :
F5C64

Tgt Ion:128 Resp: 822820

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	0.0	4.0	6.0#

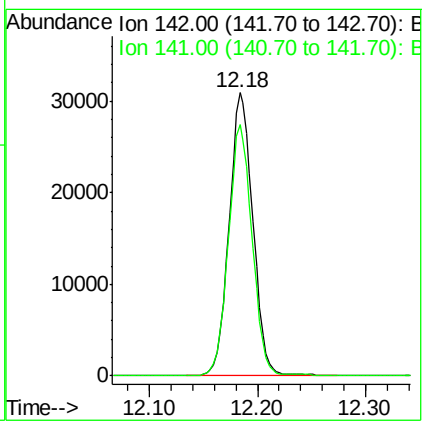


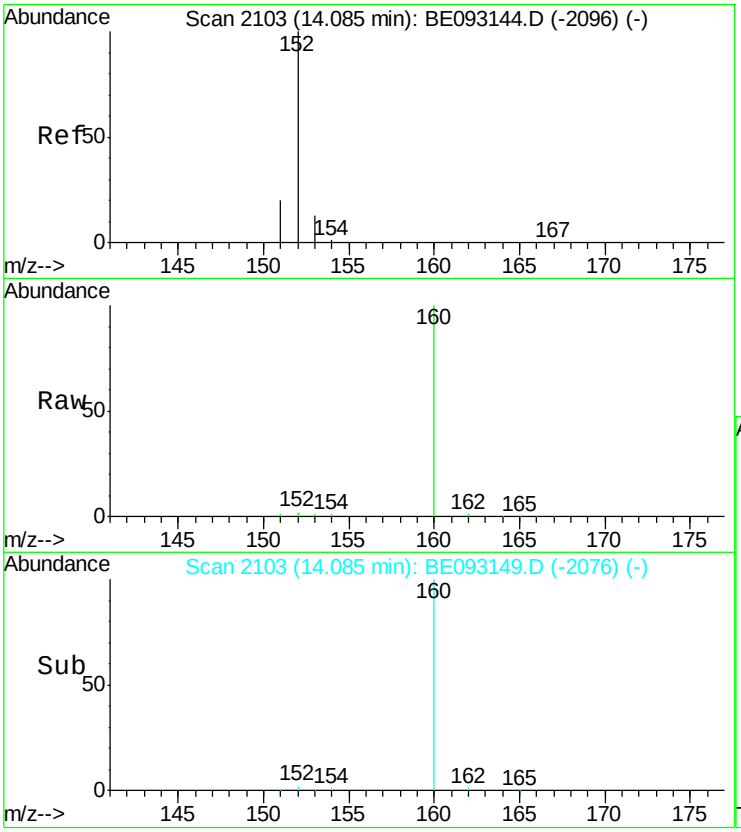


#5
2-Methylnaphthalene
Concen: 1.14 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Tgt Ion:142 Resp: 46892

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8



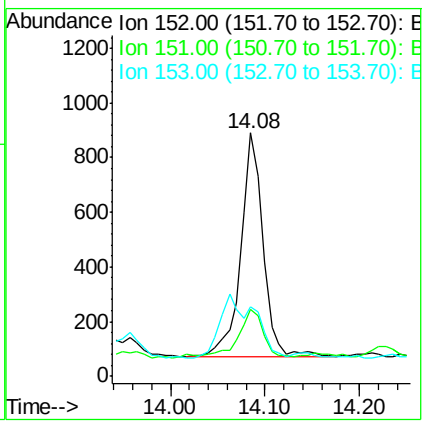


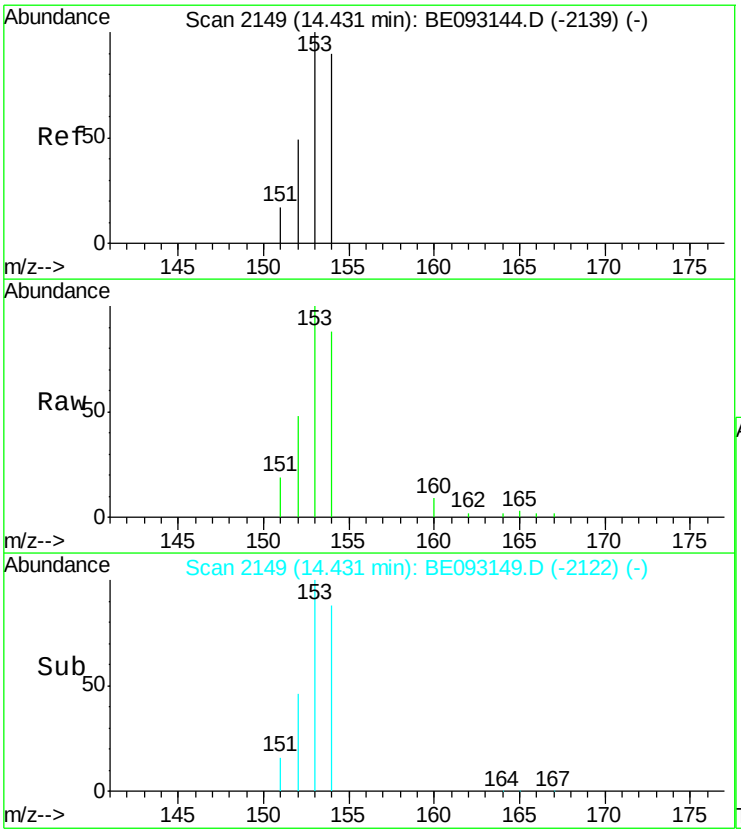
#7
Acenaphthylene
Concen: 0.02 ng/ul
RT: 14.08 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Instrument :
BNA_E
ClientSampleId :
F5C64

Tgt Ion:152 Resp: 1370

Ion	Ratio	Lower	Upper
152	100		
151	27.4	17.1	25.7#
153	28.4	12.8	19.2#

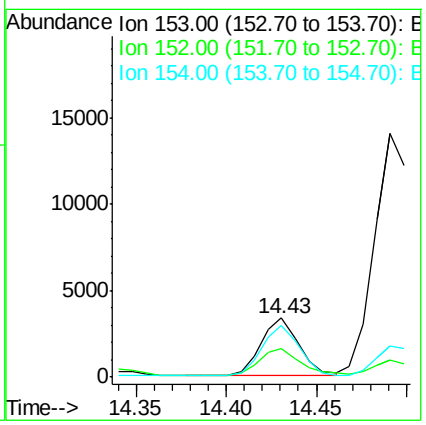


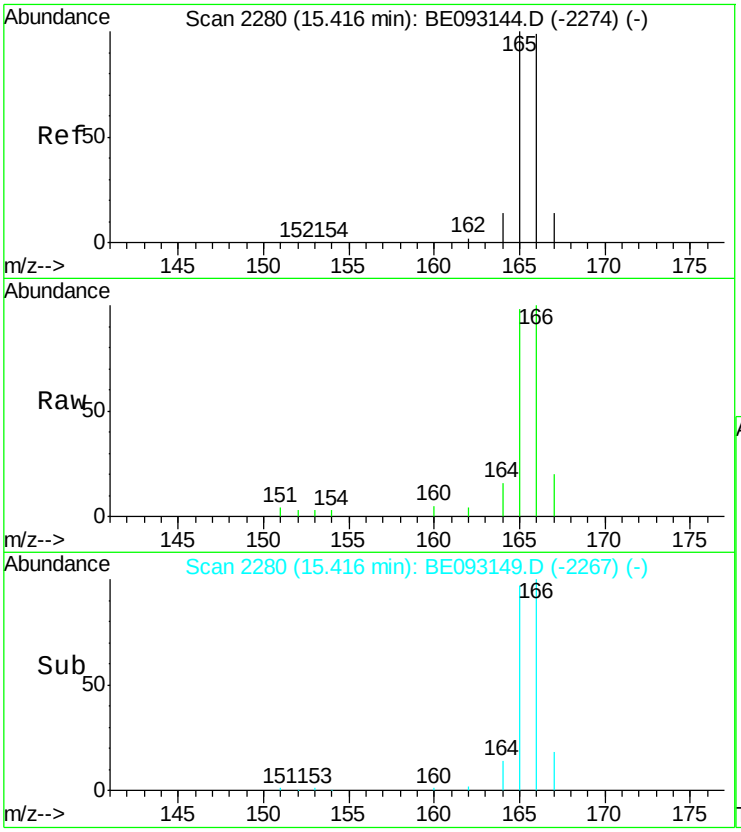


#8
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Tgt Ion:153 Resp: 4925

Ion	Ratio	Lower	Upper
153	100		
152	47.6	40.3	60.5
154	87.9	71.4	107.2



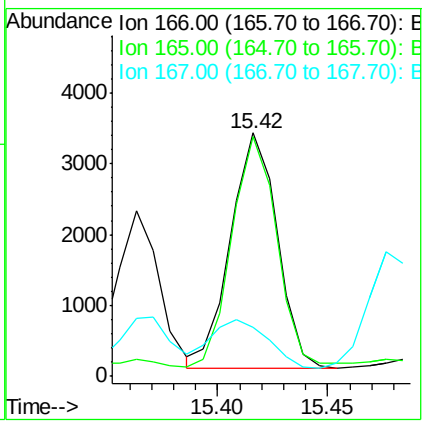


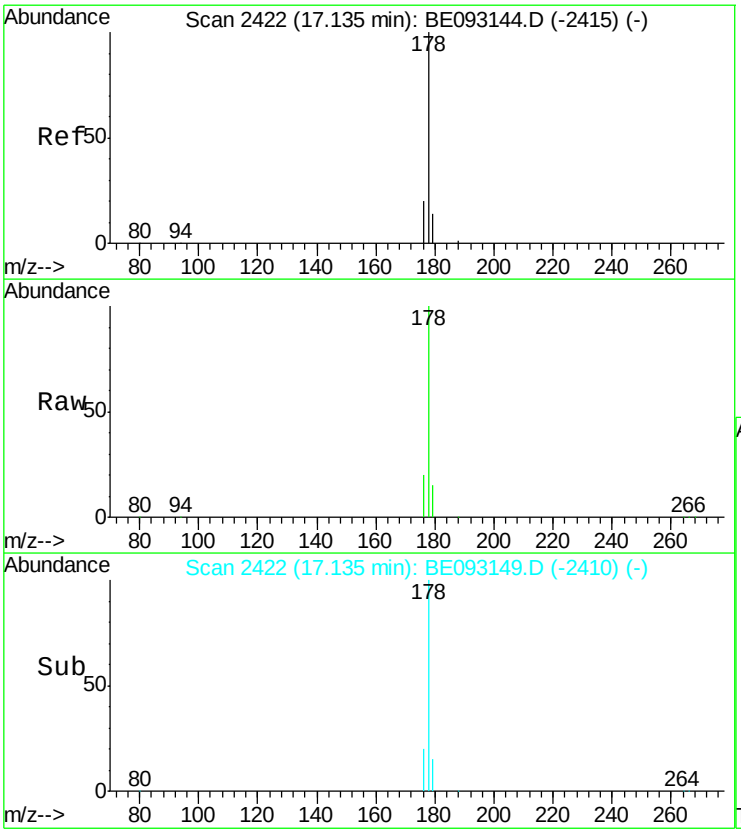
#9
Fluorene
Concen: 0.08 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Instrument :
BNA_E
ClientSampleId :
F5C64

Tgt Ion:166 Resp: 4868

Ion	Ratio	Lower	Upper
166	100		
165	98.4	73.4	110.2
167	20.1	14.6	22.0

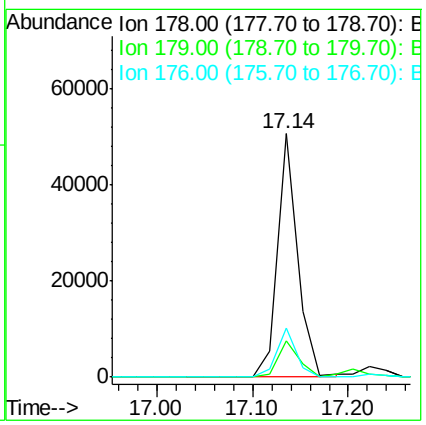


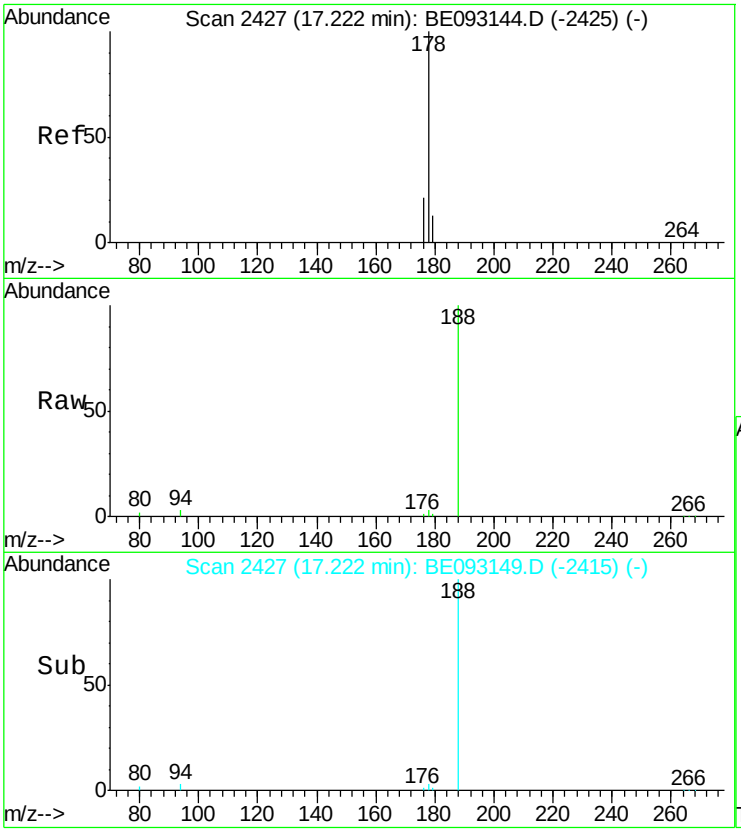


#12
Phenanthrene
Concen: 0.75 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Tgt Ion:178 Resp: 72729

Ion	Ratio	Lower	Upper
178	100		
179	14.8	18.4	27.6#
176	20.1	13.6	20.4



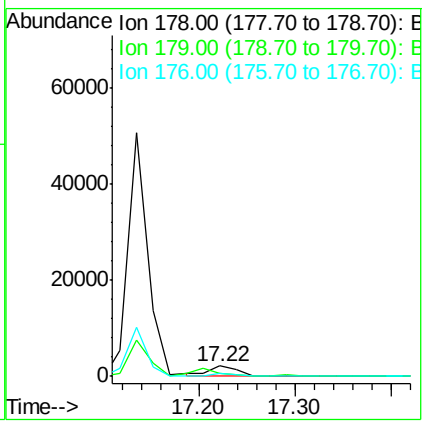


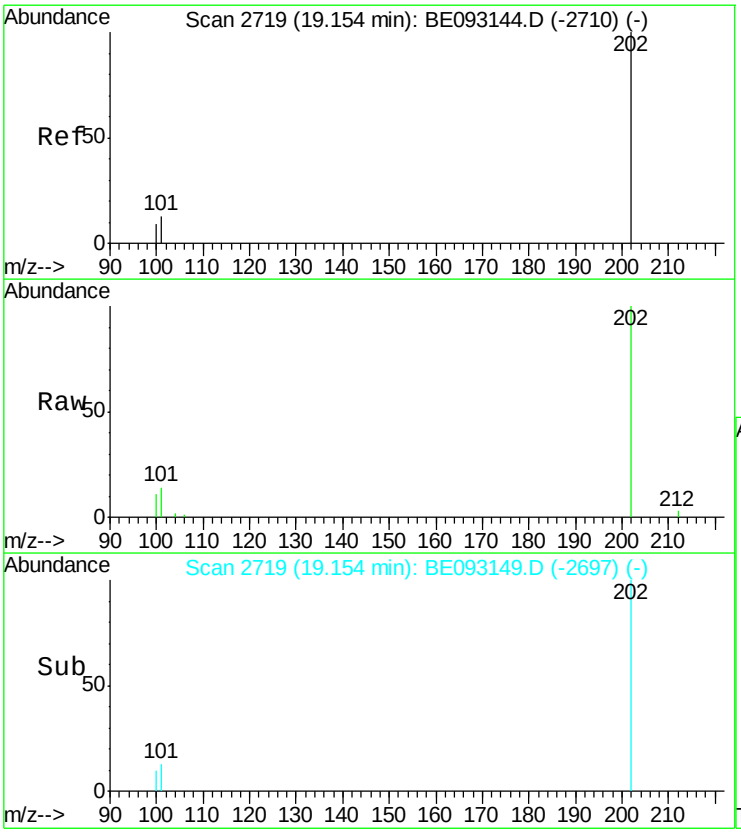
#13
Anthracene
Concen: 0.05 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Instrument :
BNA_E
ClientSampleId :
F5C64

Tgt Ion:178 Resp: 4297

Ion	Ratio	Lower	Upper
178	100		
179	24.5	18.1	27.1
176	24.7	14.7	22.1#

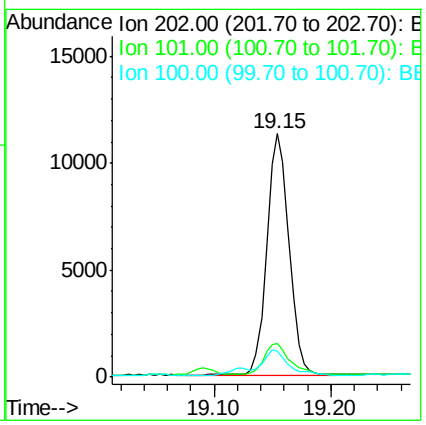


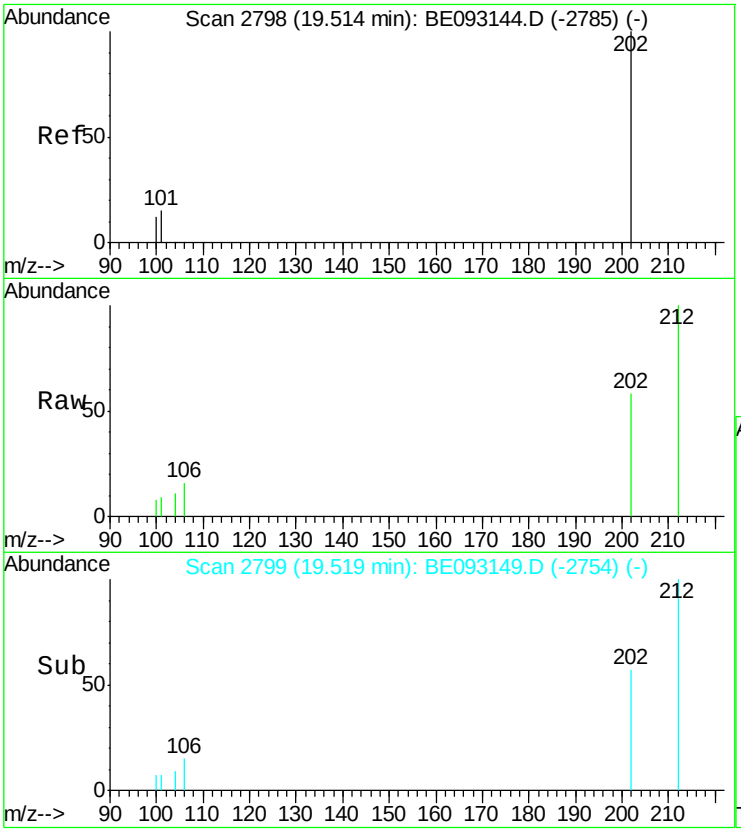


#15
Fluoranthene
Concen: 0.13 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Tgt Ion:202 Resp: 14955

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.3
100	10.7	0.0	39.5



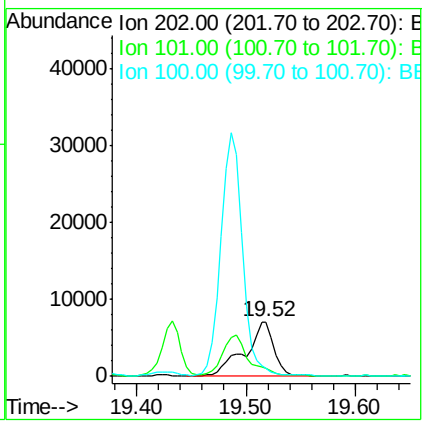


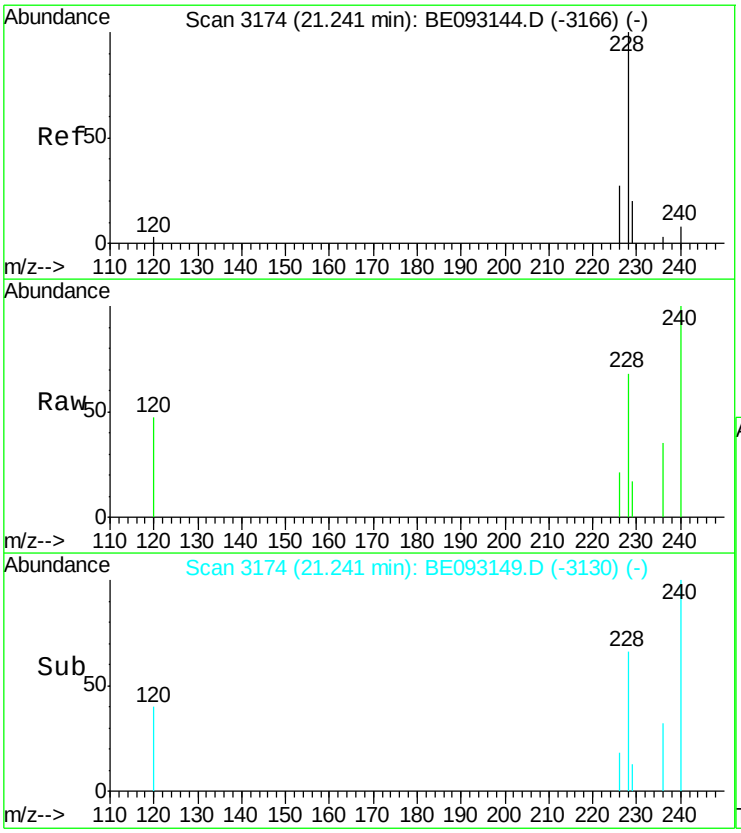
#17
Pyrene
Concen: 0.11 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Instrument :
BNA_E
ClientSampleId :
F5C64

Tgt Ion:202 Resp: 12696

Ion	Ratio	Lower	Upper
202	100		
101	15.1	18.2	27.4#
100	14.1	15.6	23.4#

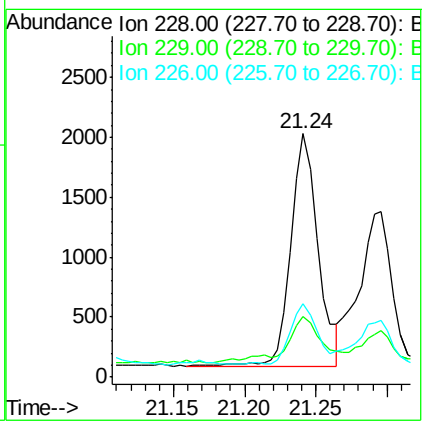


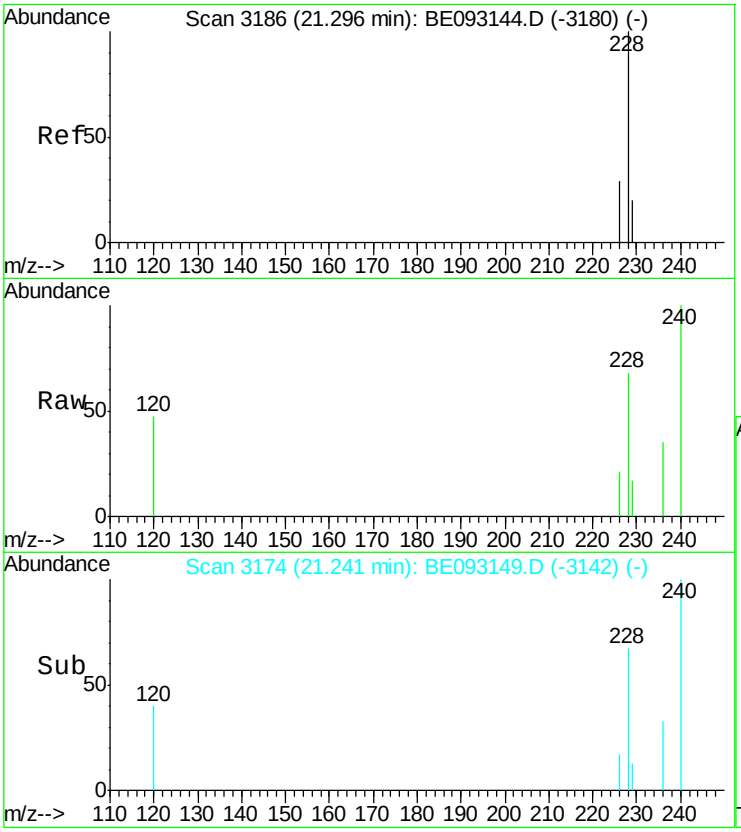


#18
Benzo(a)anthracene
Concen: 0.02 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Tgt Ion:228 Resp: 2539

Ion	Ratio	Lower	Upper
228	100		
229	24.8	22.8	34.2
226	30.3	17.0	25.6#





#19
Chrysene
Concen: 0.02 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.05 min
Lab File: BE093149.D
Acq: 14 Jun 2017 2:27

Instrument :
BNA_E
ClientSampleId :
F5C64

Tgt Ion:228 Resp: 2539

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.0
229	24.8	17.7	26.5