

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093745.D
 Acq On : 10 Aug 2017 12:47
 Operator : SJ/JU
 Sample : I4455-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF2

Quant Time: Aug 11 17:55:57 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration

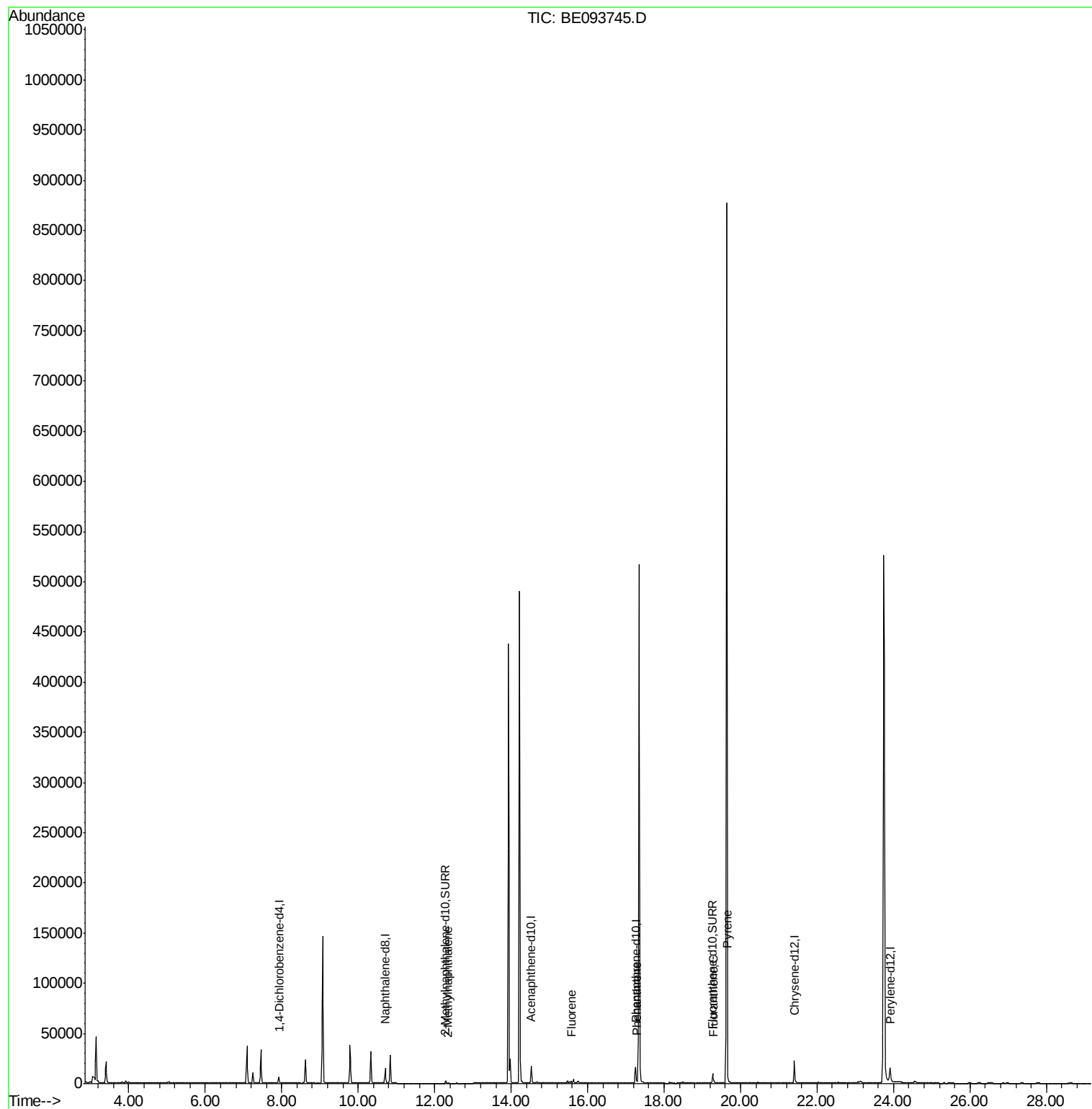
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3185	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	16386	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	9690	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21140	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	21852	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	24550	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4125	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10182	0.15	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.36	142	920	0.032	ng/ul	99
9) Fluorene	15.57	166	1008	0.025	ng/ul#	86
12) Phenanthrene	17.29	178	2678	0.047	ng/ul#	93
15) Fluoranthene	19.30	202	2080	0.029	ng/ul	85
17) Pyrene	19.66	202	2579	0.040	ng/ul#	91

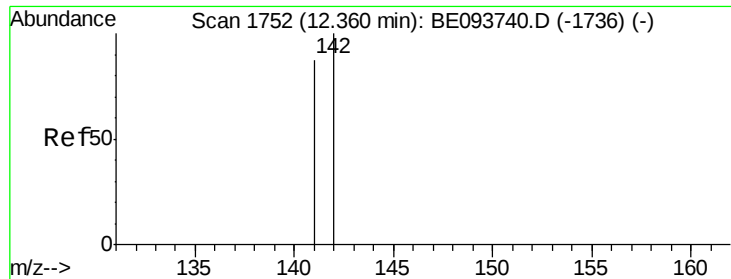
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093745.D

Acq: 10 Aug 2017 12:47

Instrument :

BNA_E

ClientSampleId :

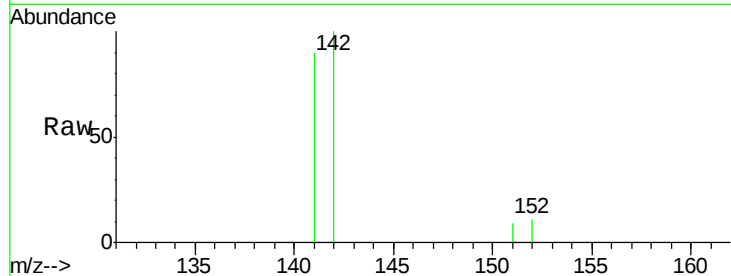
C0AF2

Tgt Ion:142 Resp: 920

Ion Ratio Lower Upper

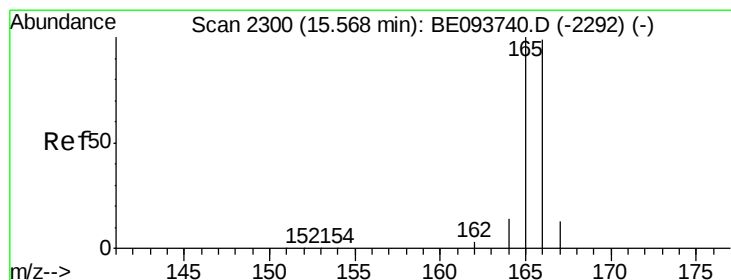
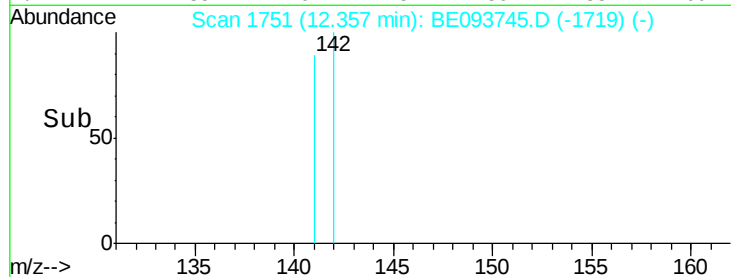
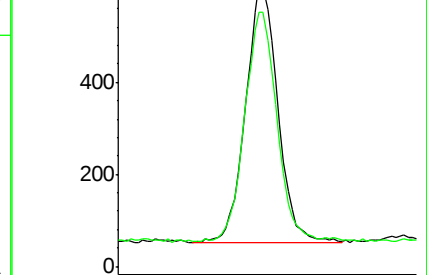
142 100

141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE093745.D

Acq: 10 Aug 2017 12:47

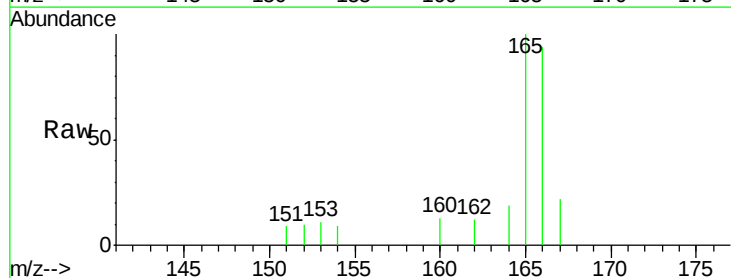
Tgt Ion:166 Resp: 1008

Ion Ratio Lower Upper

166 100

165 106.0 73.4 110.2

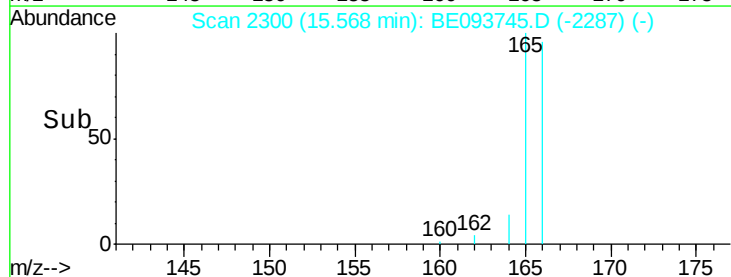
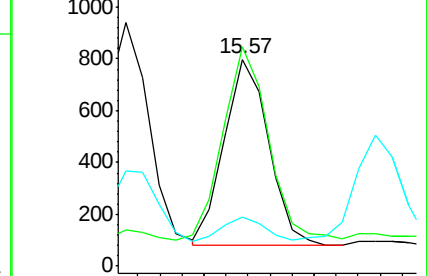
167 23.6 14.6 22.0#

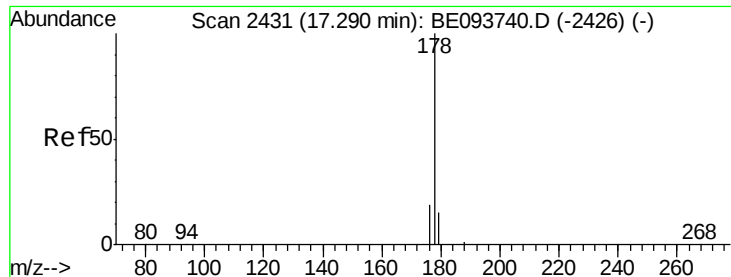


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.047 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093745.D

Acq: 10 Aug 2017 12:47

Instrument :

BNA_E

ClientSampleId :

C0AF2

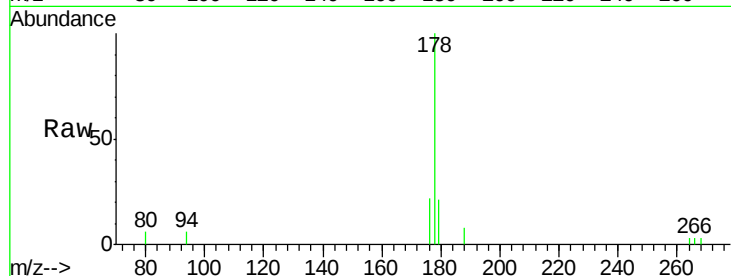
Tgt Ion:178 Resp: 2678

Ion Ratio Lower Upper

178 100

179 21.1 18.4 27.6

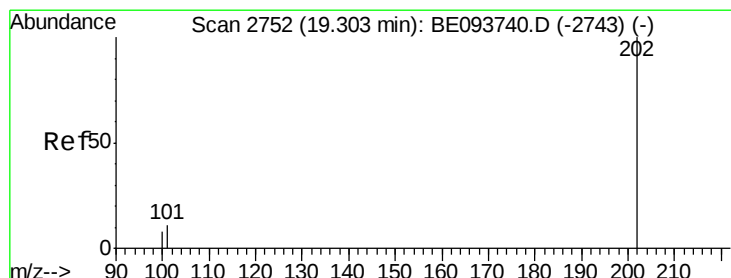
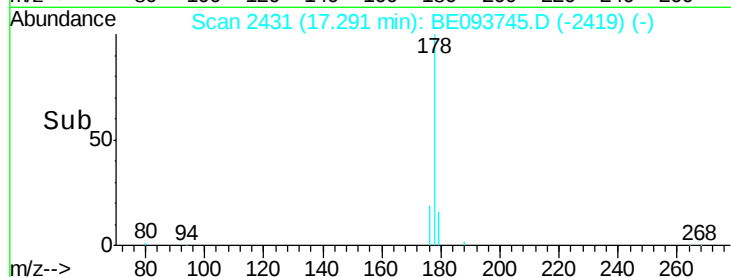
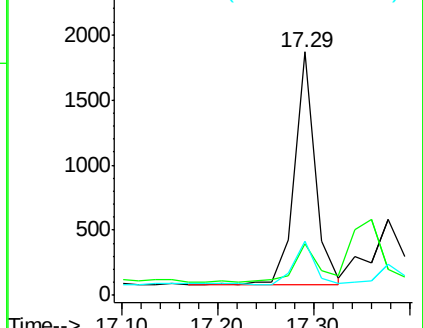
176 22.2 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.029 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE093745.D

Acq: 10 Aug 2017 12:47

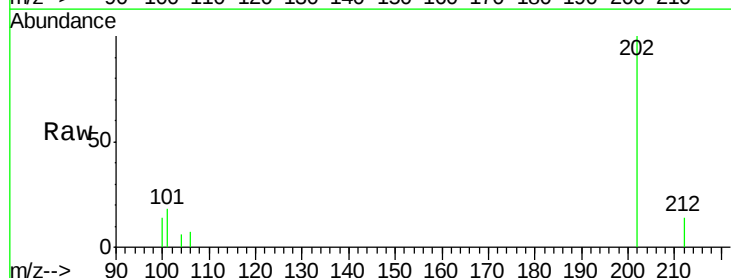
Tgt Ion:202 Resp: 2080

Ion Ratio Lower Upper

202 100

101 17.6 0.0 30.3

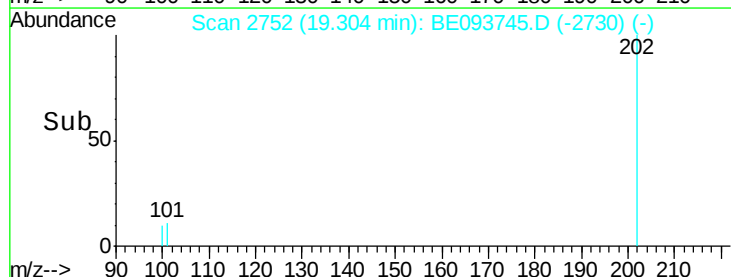
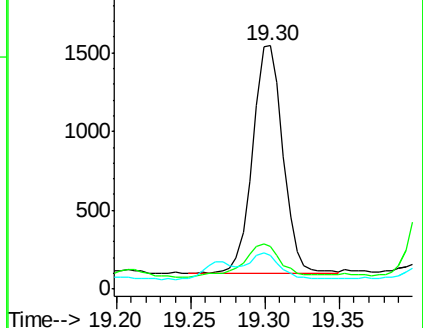
100 13.7 0.0 39.5

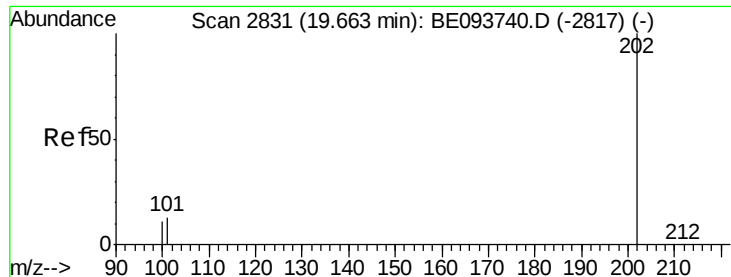


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pyrene

Concen: 0.040 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE093745.D

Acq: 10 Aug 2017 12:47

Instrument :

BNA_E

ClientSampleId :

C0AF2

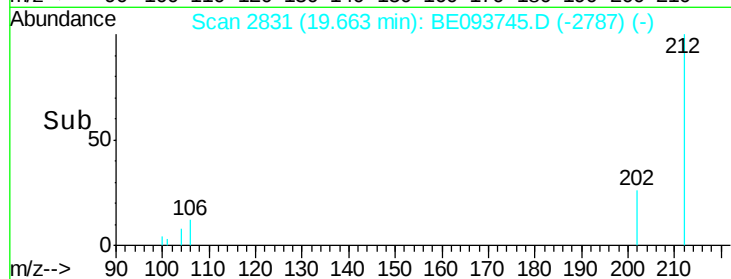
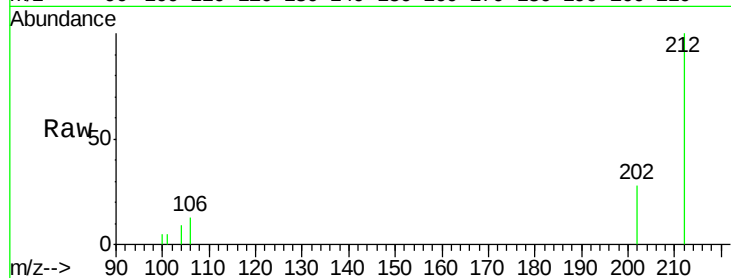
Tgt Ion: 202 Resp: 2579

Ion Ratio Lower Upper

202 100

101 17.4 18.2 27.4#

100 16.6 15.6 23.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

