

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096184.D
 Acq On : 26 Apr 2018 18:09
 Operator : SJ/JU
 Sample : J2449-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 27 04:59:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

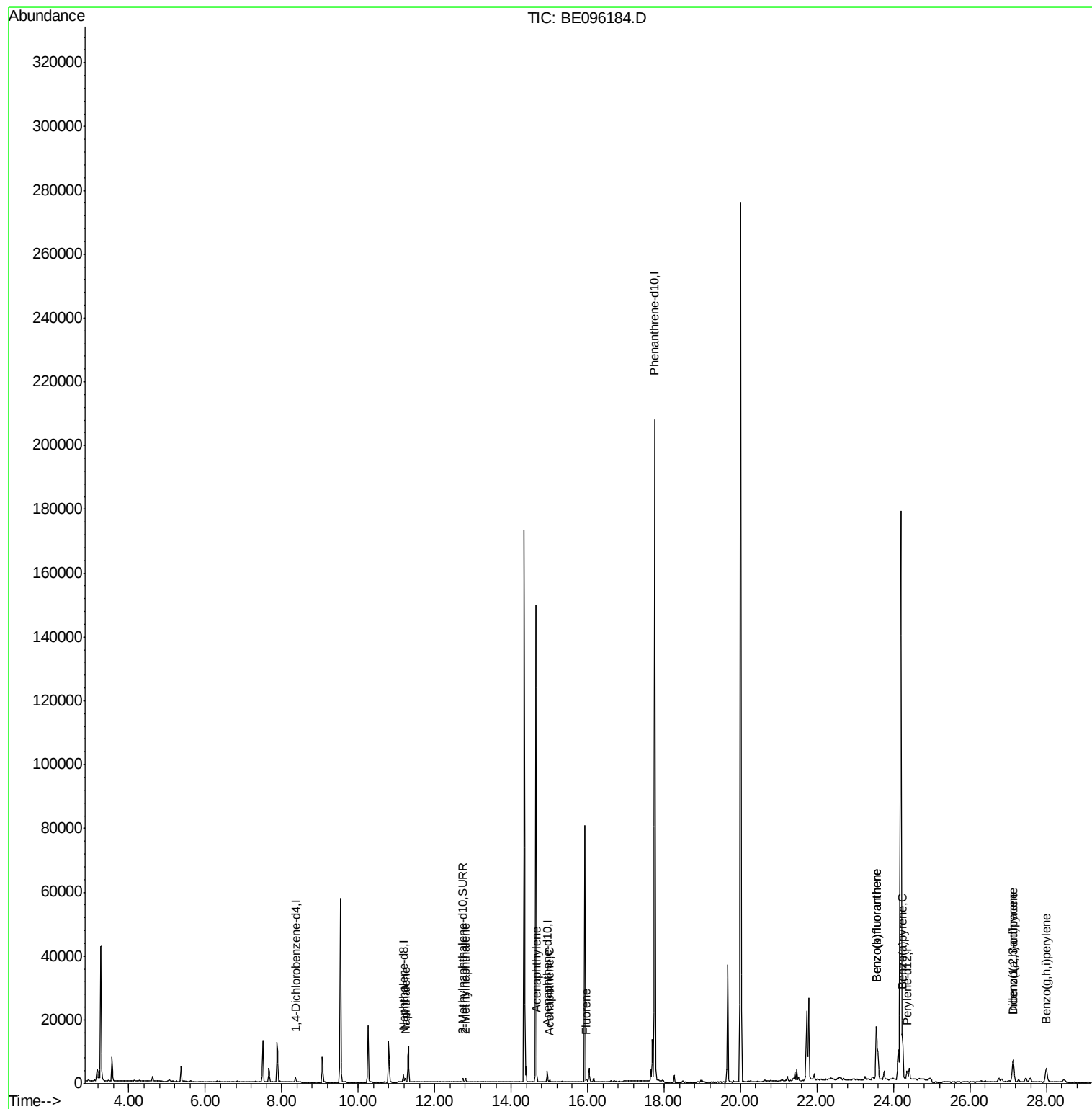
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	780	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3174	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1932	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	241140	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.74
20) Perylene-d12	24.35	264	4589	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1527	0.26	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	1490	0.169	ng/ul#	88
5) 2-Methylnaphthalene	12.81	142	950	0.160	ng/ul	99
7) Acenaphthylene	14.68	152	1053	0.106	ng/ul#	86
8) Acenaphthene	15.01	153	405	0.056	ng/ul#	88
9) Fluorene	15.97	166	519	0.055	ng/ul#	84
21) Benzo(b)fluoranthene	23.55	252	43295	2.492	ng/ul	85
22) Benzo(k)fluoranthene	23.55	252	43295	2.606	ng/ul#	86
23) Benzo(a)pyrene	24.24	252	20441	1.354	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.13	276	13467	0.662	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.14	278	3586	0.211	ng/ul	98
26) Benzo(g,h,i)perylene	28.00	276	11246	0.635	ng/ul	95

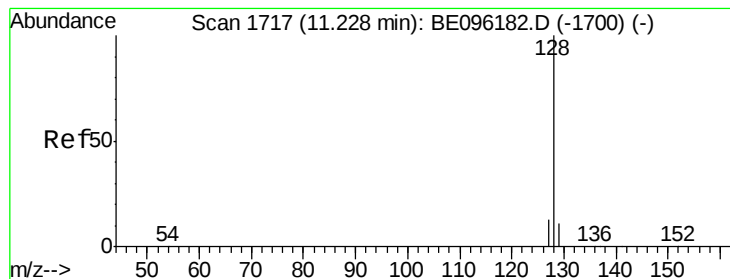
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.169 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

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BNA_E

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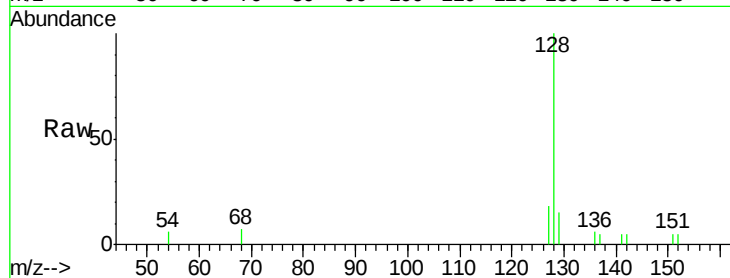
Tot Ion:128 Resp: 1490

Ion Ratio Lower Upper

128 100

129 15.3 11.3 16.9

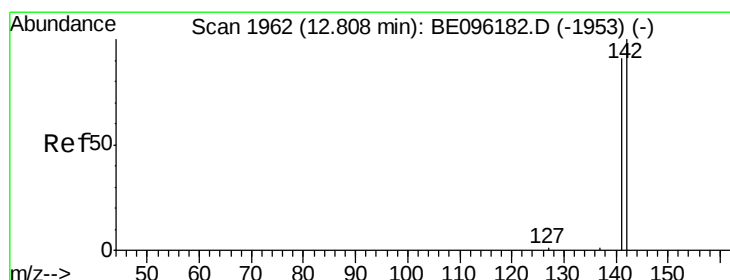
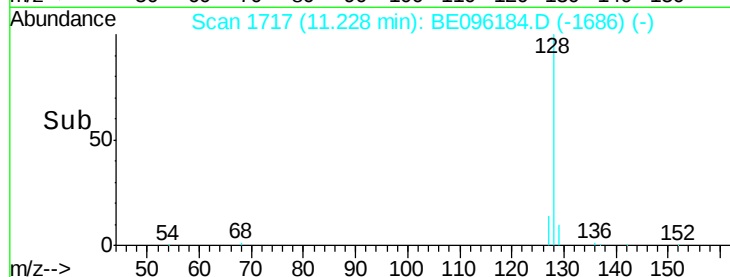
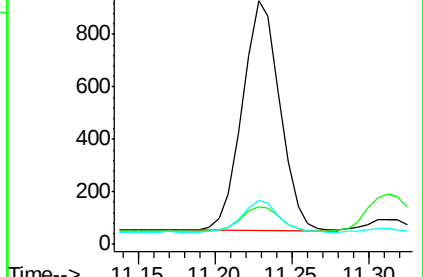
127 18.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.160 ng/ul

RT: 12.81 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE096184.D

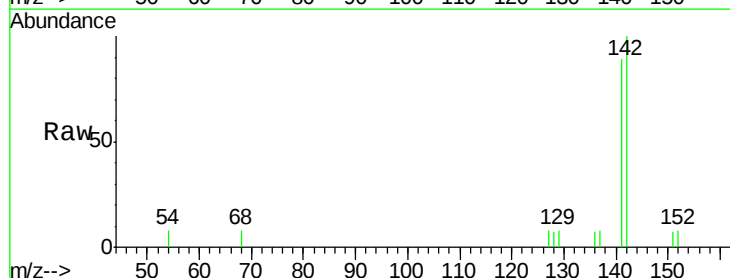
Acq: 26 Apr 2018 18:09

Tgt Ion:142 Resp: 950

Ion Ratio Lower Upper

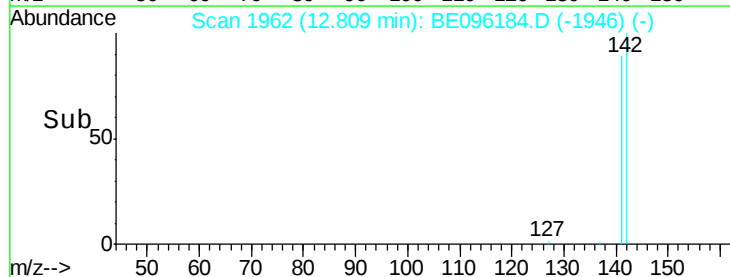
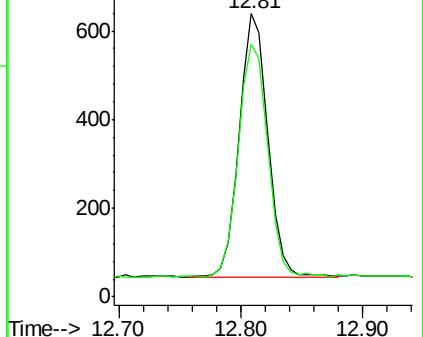
142 100

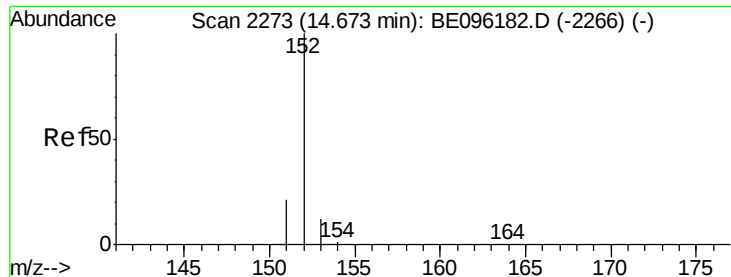
141 91.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.106 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Instrument :

BNA_E

ClientSampleId :

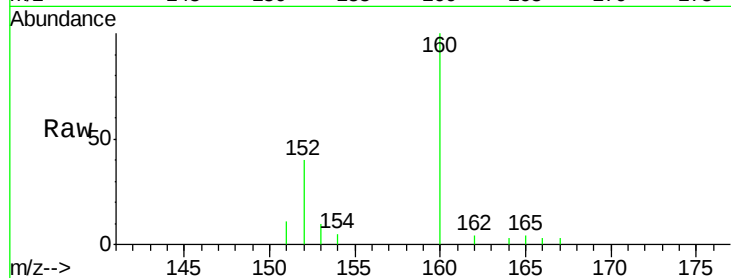
Tot Ion:152 Resp: 1053

Ion Ratio Lower Upper

152 100

151 26.3 17.1 25.7#

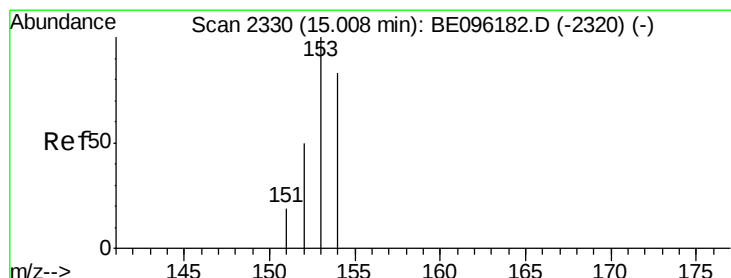
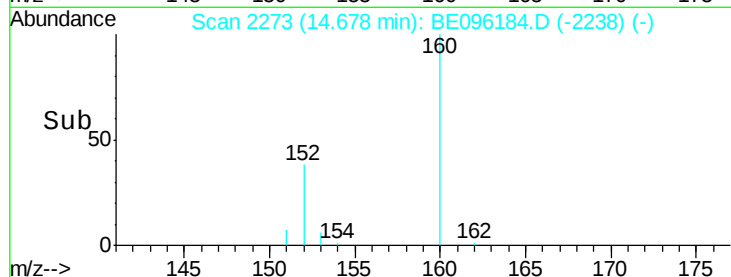
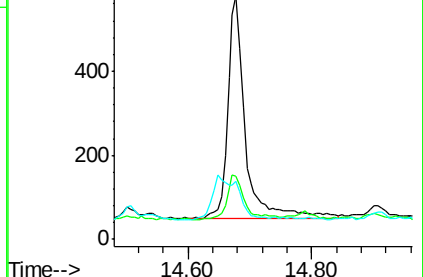
153 23.7 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.056 ng/ul

RT: 15.01 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

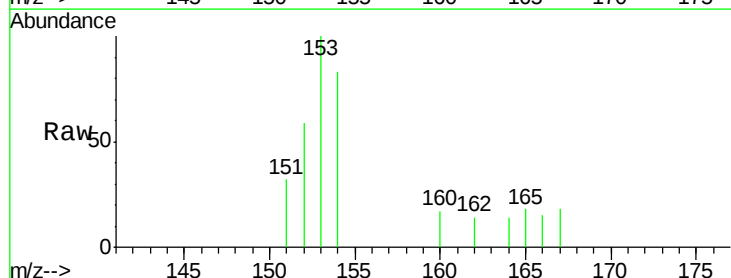
Tgt Ion:153 Resp: 405

Ion Ratio Lower Upper

153 100

152 58.6 36.0 54.0#

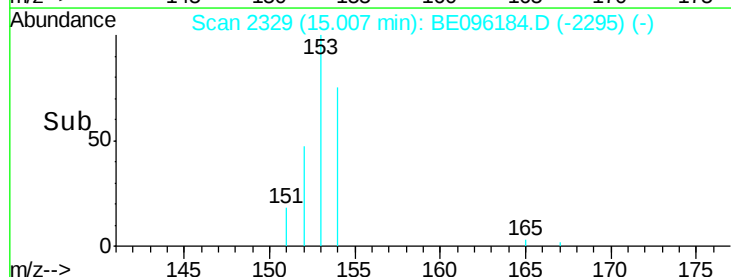
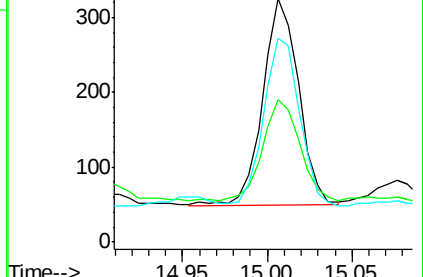
154 83.4 72.0 108.0

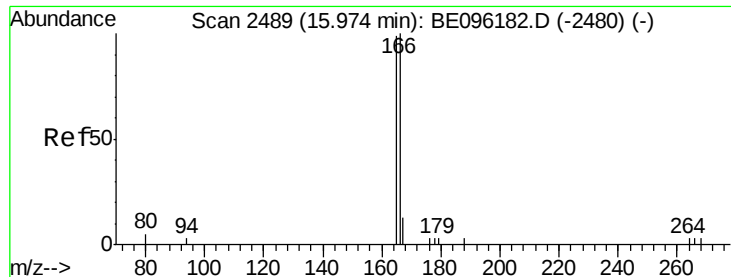


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.055 ng/ul

RT: 15.97 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Instrument :

BNA_E

ClientSampleId :

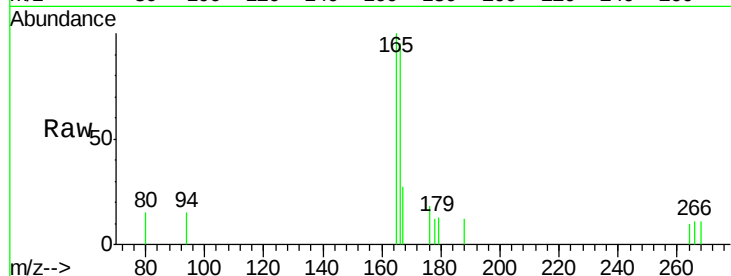
Tot Ion:166 Resp: 519

Ion Ratio Lower Upper

166 100

165 105.6 73.4 110.2

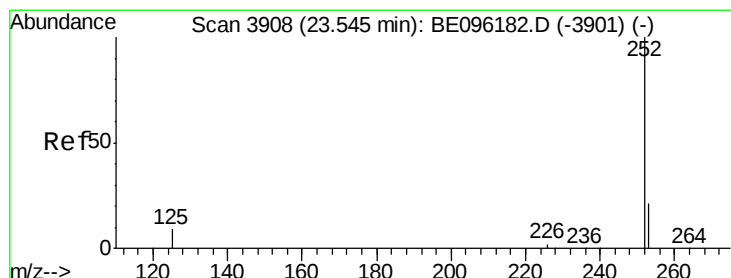
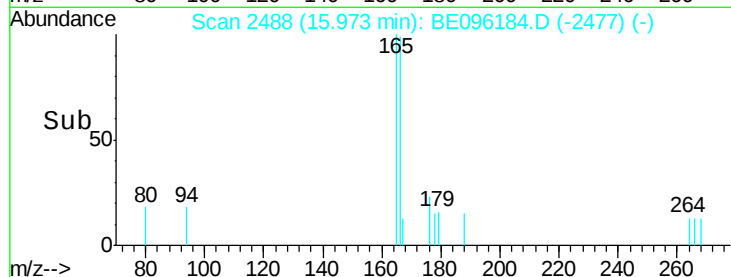
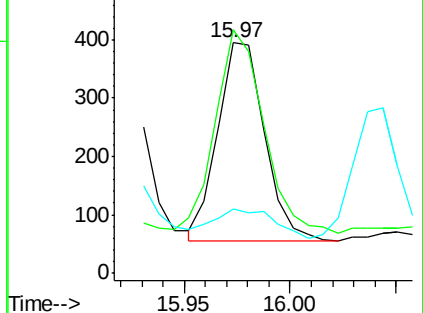
167 28.1 14.6 22.0#



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



#21

Benzo(b)fluoranthene

Concen: 2.492 ng/ul

RT: 23.55 min Scan# 3909

Delta R.T. 0.01 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

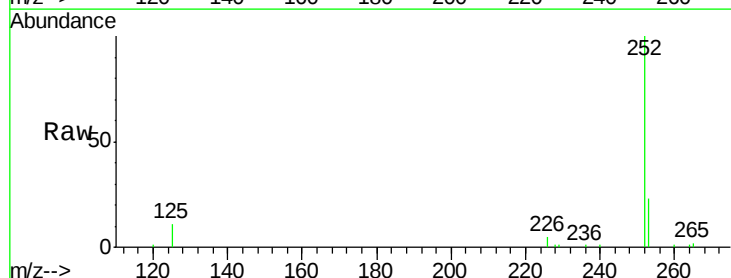
Tgt Ion:252 Resp: 43295

Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

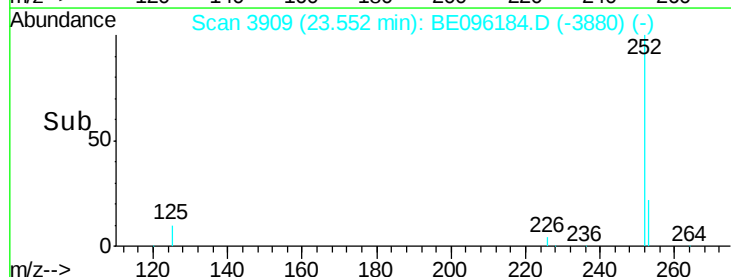
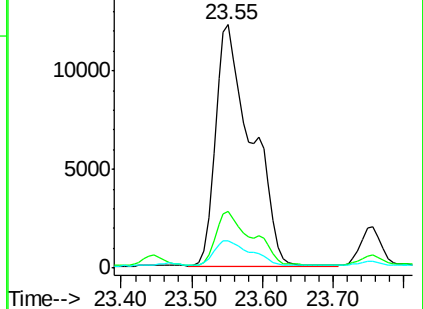
125 11.1 0.0 35.0

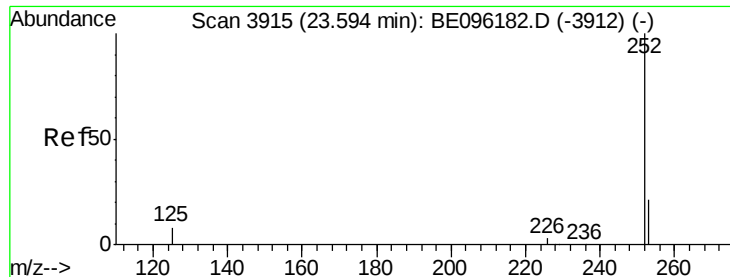


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.606 ng/ul

RT: 23.55 min Scan# 3909

Delta R.T. -0.04 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Instrument :

BNA_E

ClientSampleId :

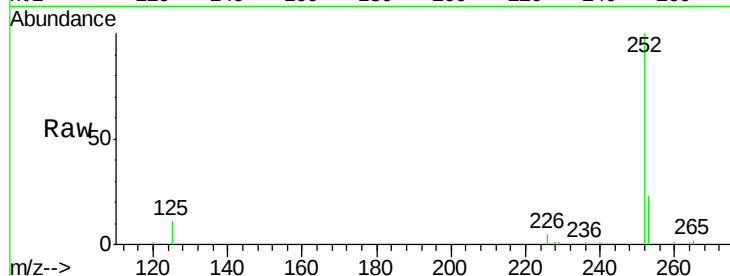
Tot Ion:252 Resp: 43295

Ion Ratio Lower Upper

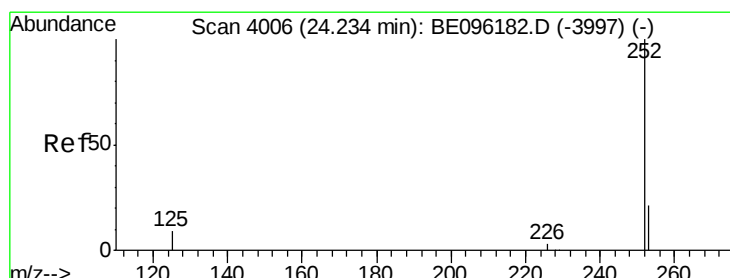
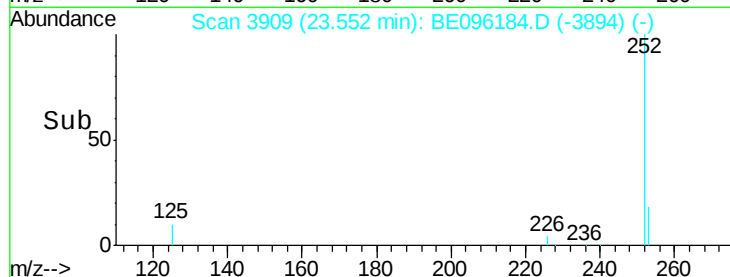
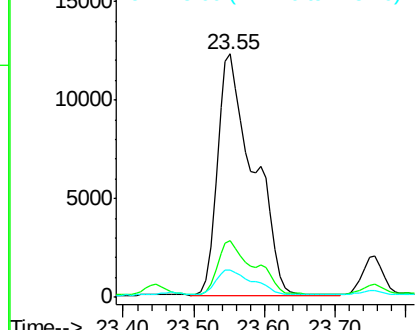
252 100

253 23.2 24.5 36.7#

125 11.1 13.7 20.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 1.354 ng/ul

RT: 24.24 min Scan# 4007

Delta R.T. 0.01 min

Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

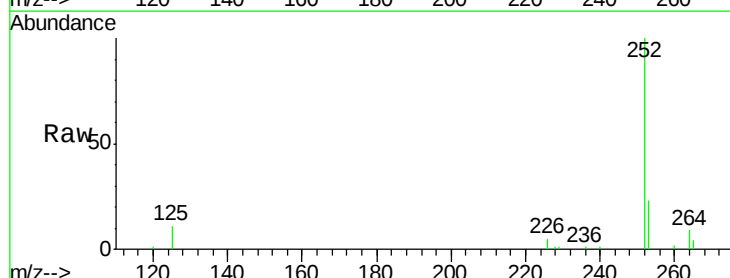
Tgt Ion:252 Resp: 20441

Ion Ratio Lower Upper

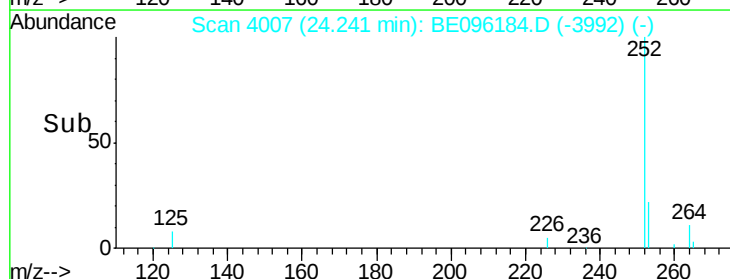
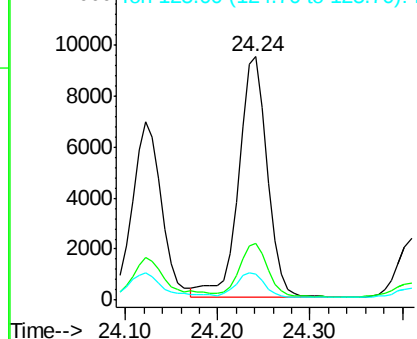
252 100

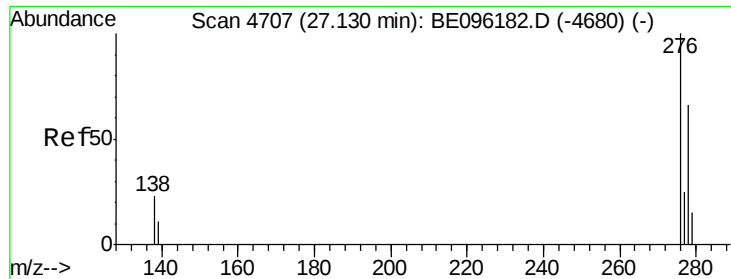
253 23.3 28.5 42.7#

125 10.8 18.1 27.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

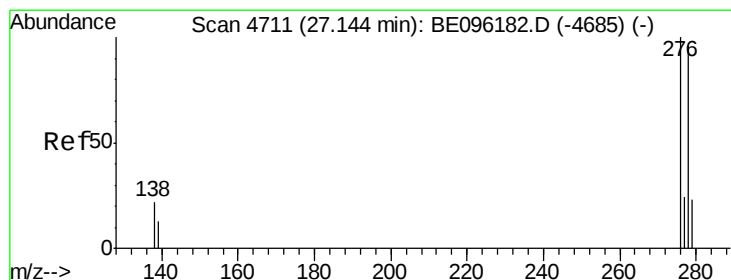
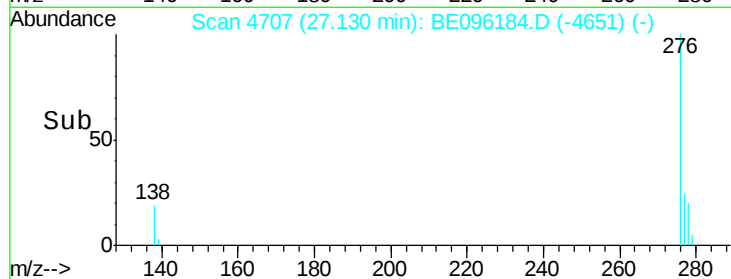
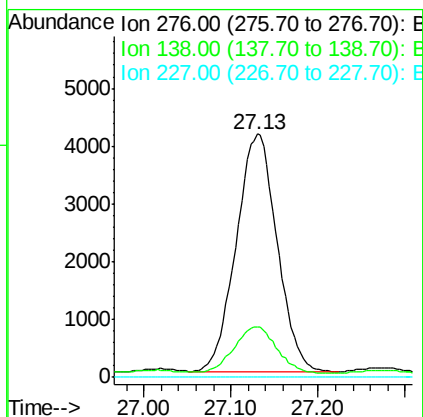
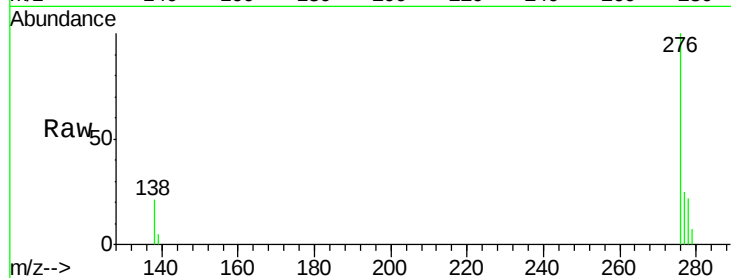




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.662 ng/ul
 RT: 27.13 min Scan# 4707
 Delta R.T. 0.00 min
 Lab File: BE096184.D
 Acq: 26 Apr 2018 18:09

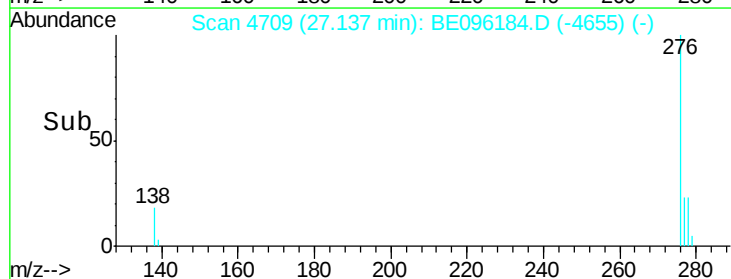
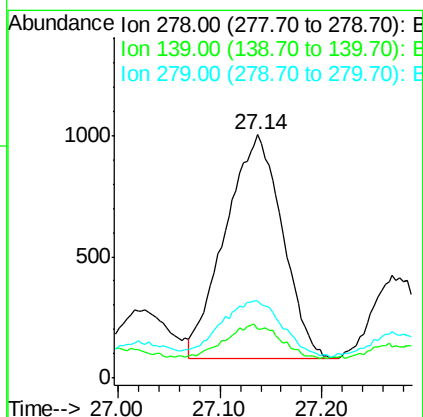
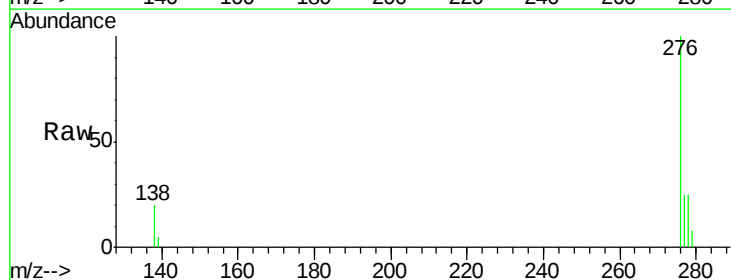
Instrument :
 BNA_E
 ClientSampleId :

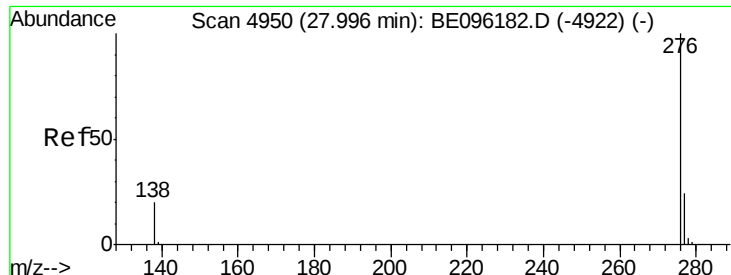
Tot Ion:276 Resp: 13467
 Ion Ratio Lower Upper
 276 100
 138 19.8 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.211 ng/ul
 RT: 27.14 min Scan# 4709
 Delta R.T. -0.01 min
 Lab File: BE096184.D
 Acq: 26 Apr 2018 18:09

Tgt Ion:278 Resp: 3586
 Ion Ratio Lower Upper
 278 100
 139 20.1 17.4 26.0
 279 31.7 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.635 ng/ul

RT: 28.00 min Scan# 4950

Delta R.T. 0.00 min

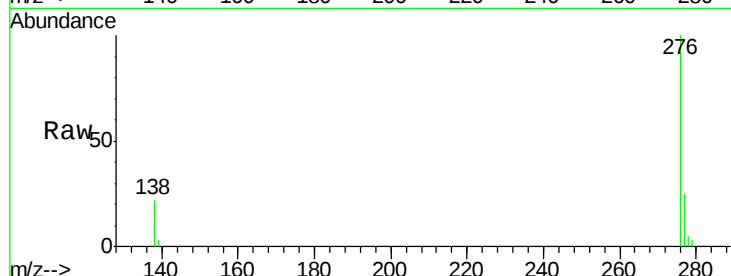
Lab File: BE096184.D

Acq: 26 Apr 2018 18:09

Instrument :

BNA_E

ClientSampleId :



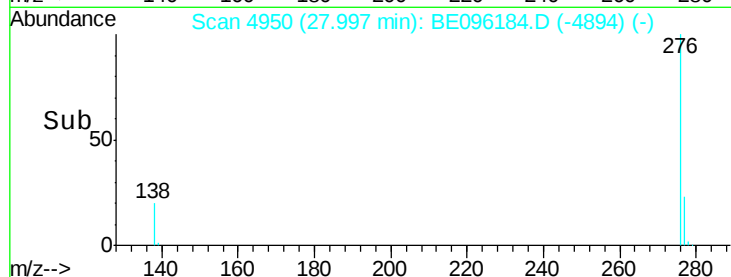
Tot Ion:276 Resp: 11246

Ion Ratio Lower Upper

276 100

138 22.2 21.8 32.8

277 25.3 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

