

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112817\
 Data File : BE094880.D
 Acq On : 28 Nov 2017 12:51
 Operator : SJ/JU
 Sample : I6514-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

Manual Integrations
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Quant Time: Nov 29 01:24:17 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 29 01:10:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	577	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.70	136	3778	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	2593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	6092	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	6005	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	6058	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1898	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	5509	0.26	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	246	0.027	ng/ul#	50
5) 2-Methylnaphthalene	12.38	142	251	0.040	ng/ul	96
12) Phenanthrene	17.27	178	2372	0.145	ng/ul#	87
15) Fluoranthene	19.30	202	4546	0.212	ng/ul	84
17) Pyrene	19.66	202	4190	0.223	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	2393	0.131	ng/ul#	92
19) Chrysene	21.47	228	2767	0.152	ng/ul	92
21) Benzo(b)fluoranthene	23.18	252	3337m	0.185	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	1311m	0.068	ng/ul	
23) Benzo(a)pyrene	23.84	252	2153	0.120	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.69	276	1512	0.077	ng/ul#	78
26) Benzo(g,h,i)perylene	27.54	276	935	0.057	ng/ul#	67

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

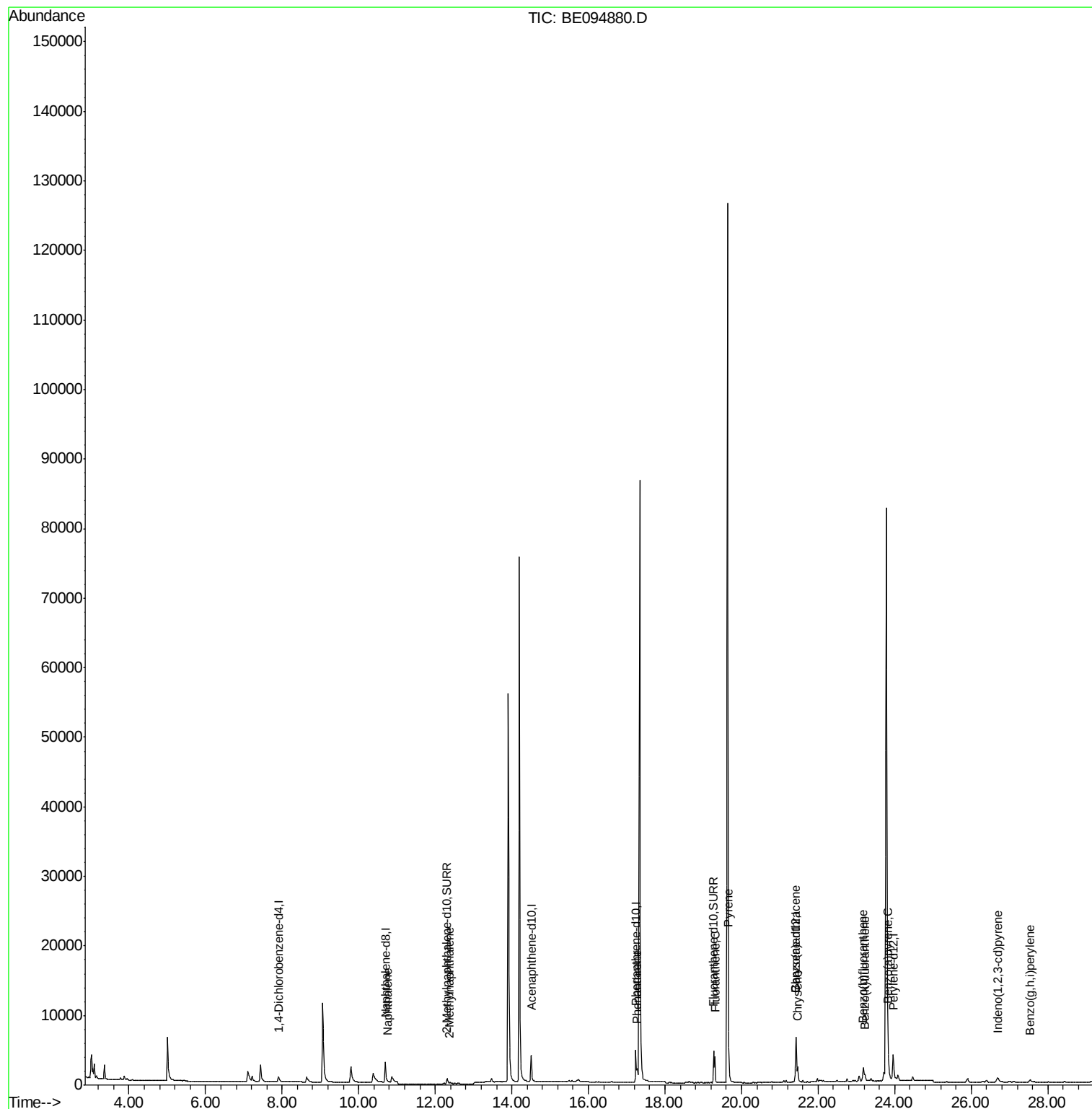
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112817\
Data File : BE094880.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

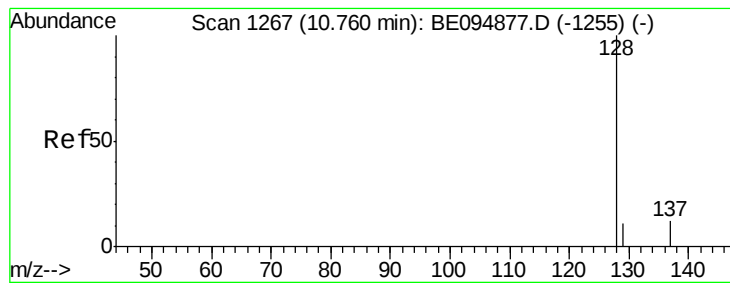
Instrument :
BNA_E
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Instrument :

BNA_E

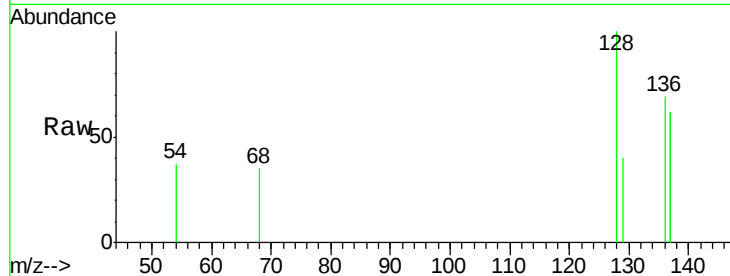
ClientSampled :

C0AB2

Tgt Ion:	128	Resp:	246
Ion Ratio	Lower	Upper	
128	100		
129	39.8	11.3	16.9#
127	0.0	4.0	6.0#

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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

10.75

150

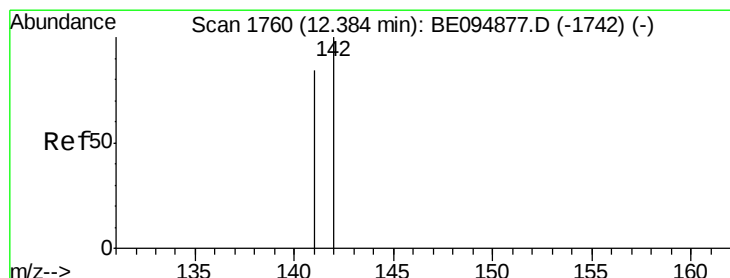
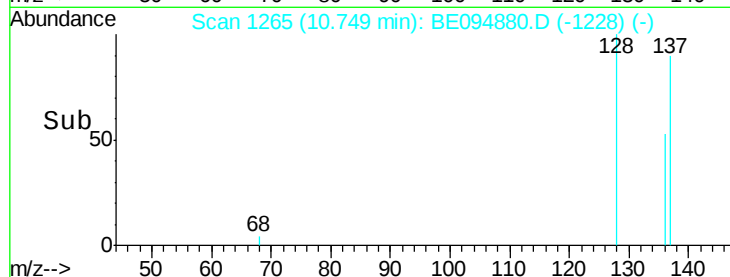
100

50

0

Time-->

10.70 10.80



#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

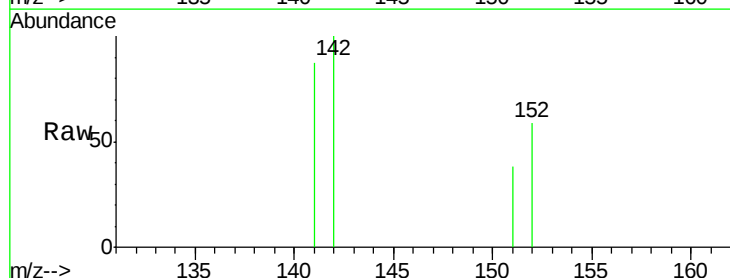
RT: 12.38 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Tgt Ion:	142	Resp:	251
Ion Ratio	Lower	Upper	
142	100		
141	86.5	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.38

150

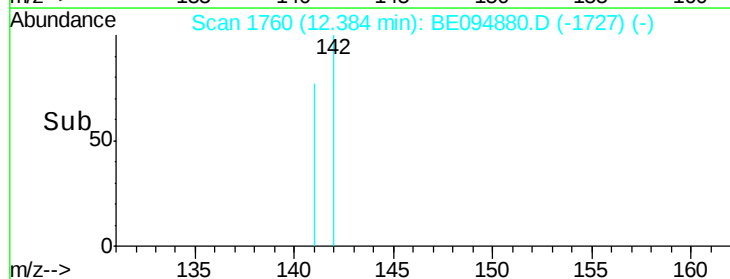
100

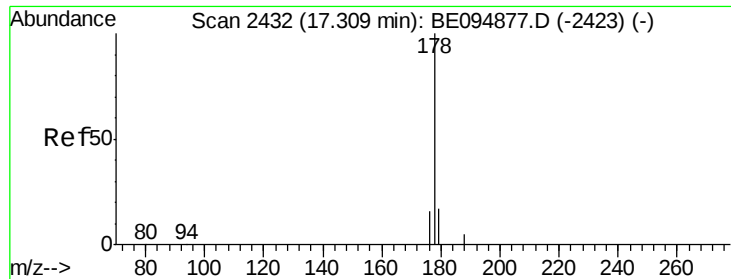
50

0

Time-->

12.30 12.40 12.50





#12

Phenanthrene

Concen: 0.145 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.04 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Instrument :

BNA_E

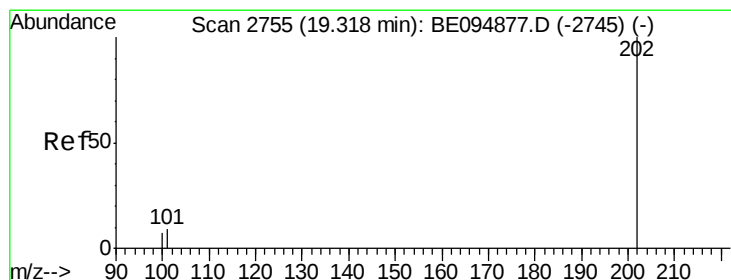
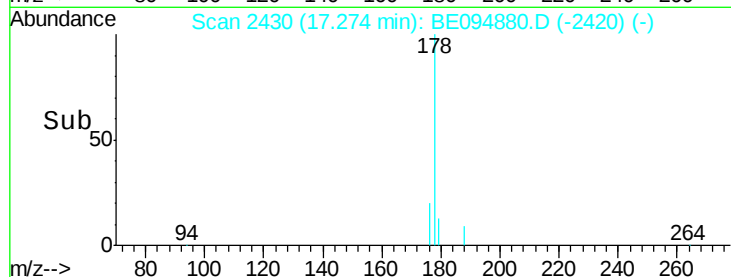
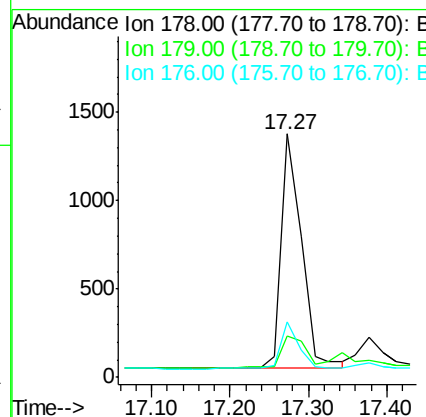
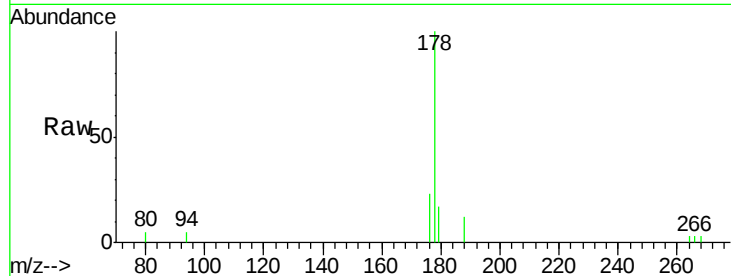
ClientSampleId :

C0AB2

Tgt Ion:	178	Resp:	2372
Ion Ratio	Lower	Upper	
178	100		
179	16.8	18.4	27.6#
176	22.8	13.6	20.4#

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#15

Fluoranthene

Concen: 0.212 ng/ul

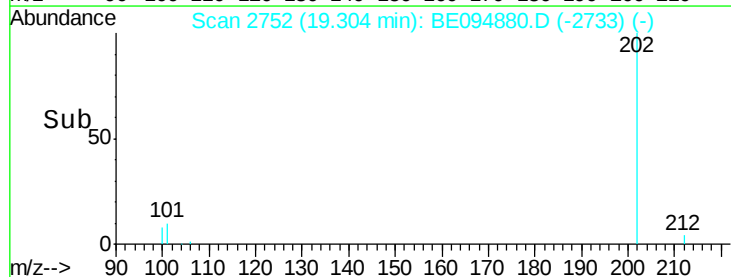
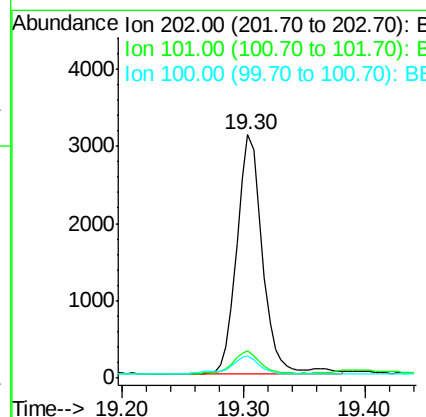
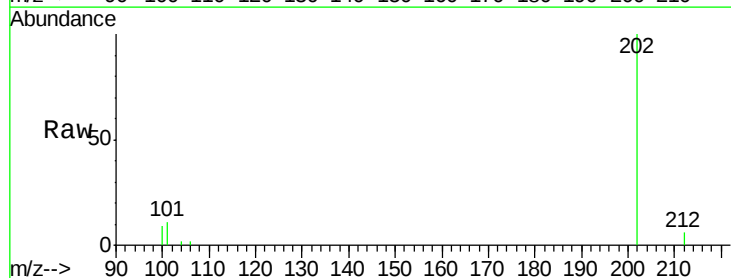
RT: 19.30 min Scan# 2752

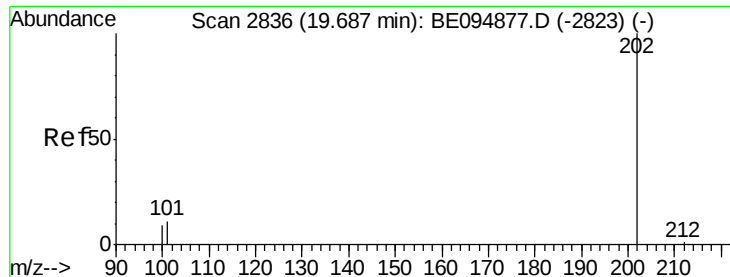
Delta R.T. -0.01 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Tgt Ion:	202	Resp:	4546
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.3
100	9.0	0.0	39.5





#17

Pyrene

Concen: 0.223 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Instrument :

BNA_E

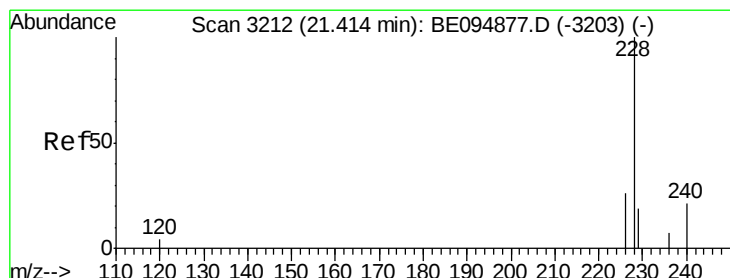
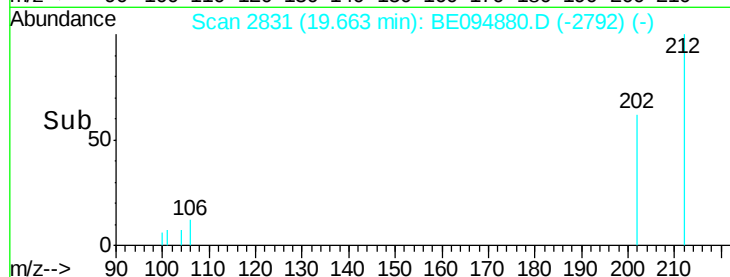
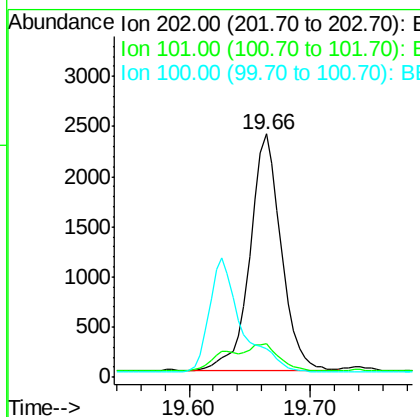
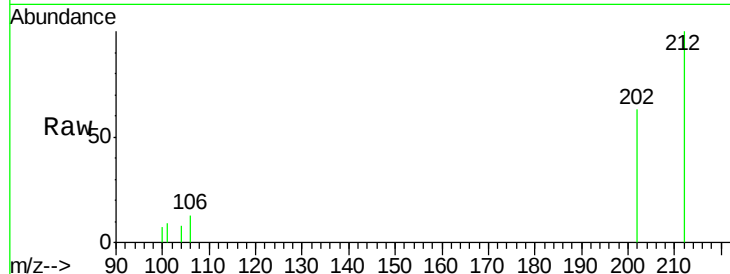
ClientSampleId :

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Tgt	Ion	202	Resp:	4190
Ion	Ratio	Lower	Upper	
202	100			
101	13.7	18.2	27.4#	
100	11.6	15.6	23.4#	

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#18

Benzo(a)anthracene

Concen: 0.131 ng/ul

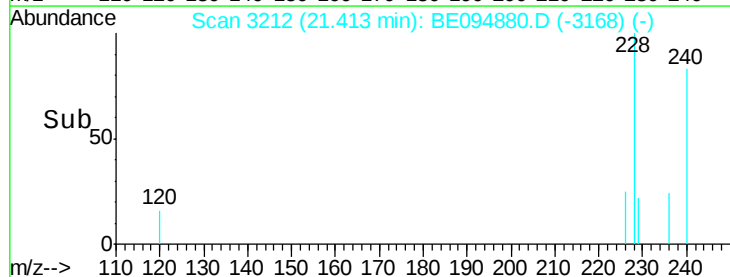
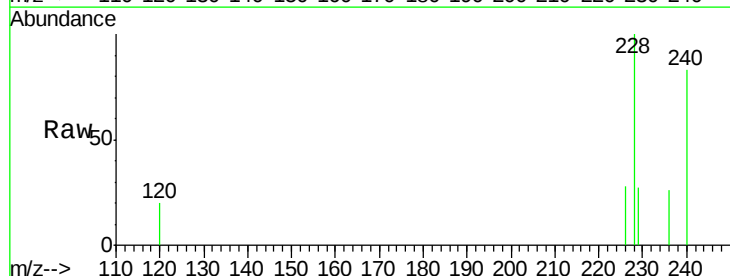
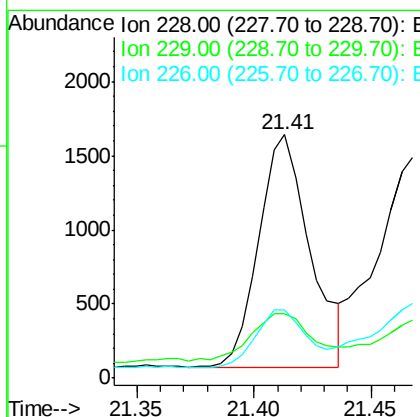
RT: 21.41 min Scan# 3212

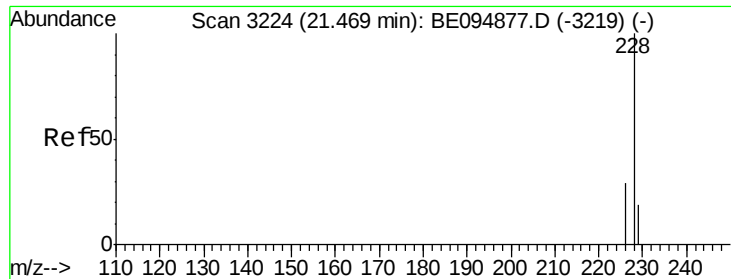
Delta R.T. -0.00 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Tgt	Ion	228	Resp:	2393
Ion	Ratio	Lower	Upper	
228	100			
229	26.7	22.8	34.2	
226	28.2	17.0	25.6#	





#19

Chrysene

Concen: 0.152 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Instrument :

BNA_E

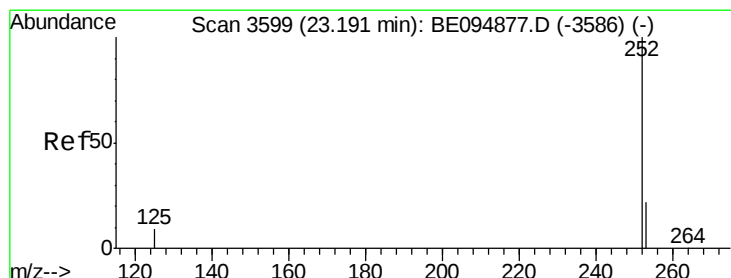
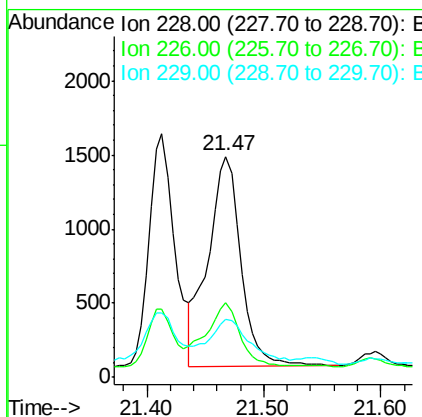
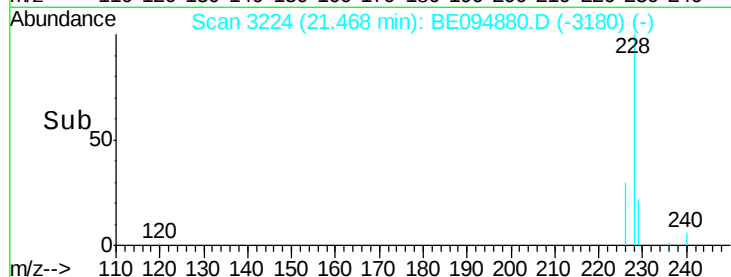
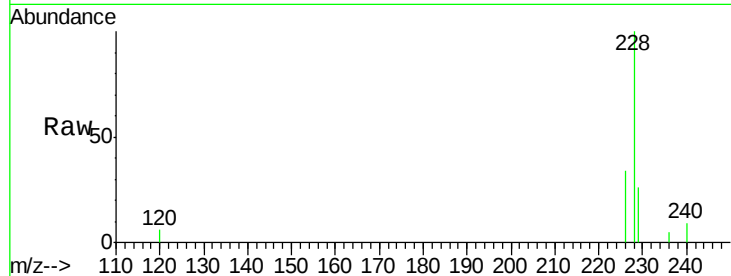
ClientSampled :

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Tgt Ion:	228	Resp:	2767
Ion Ratio	Lower	Upper	
228	100		
226	33.6	23.4	35.0
229	26.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.185 ng/ul m

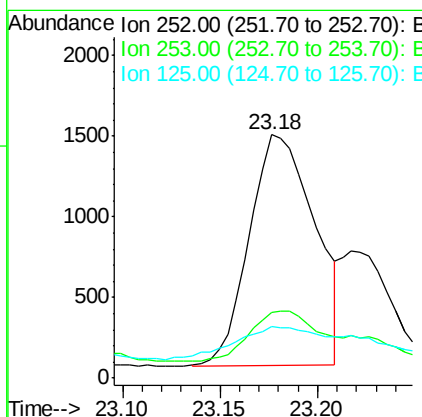
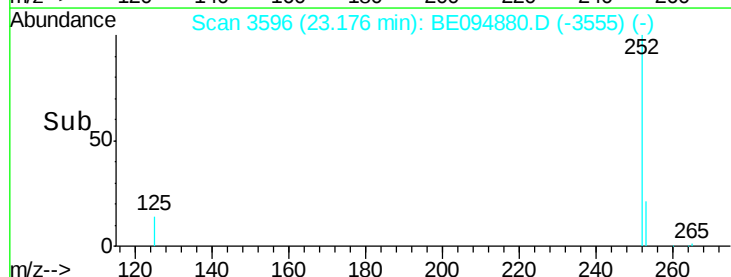
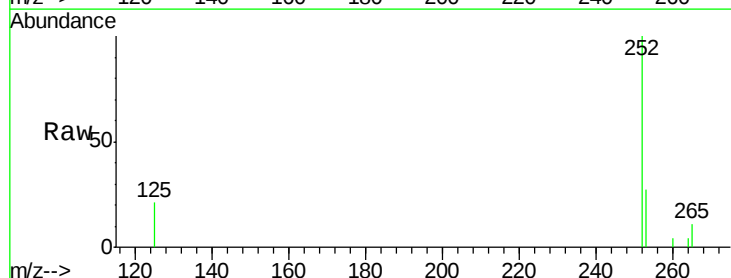
RT: 23.18 min Scan# 3596

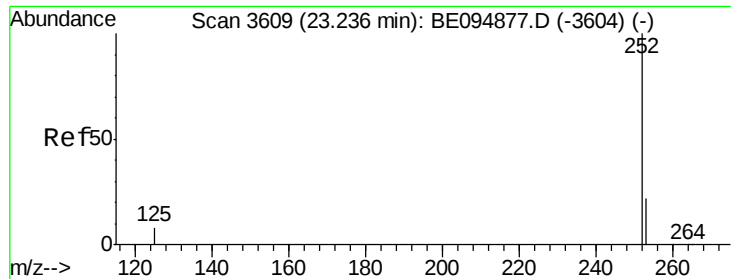
Delta R.T. -0.01 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Tgt Ion:	252	Resp:	3337
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	64.2
125	21.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.068 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. -0.02 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Instrument :

BNA_E

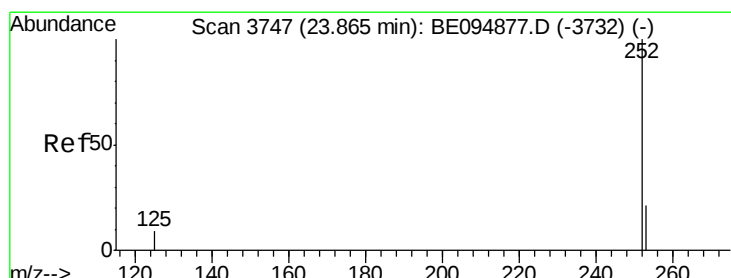
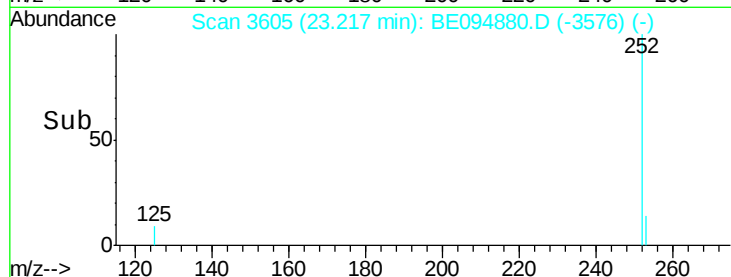
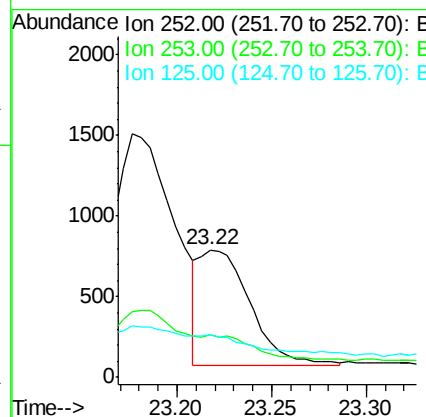
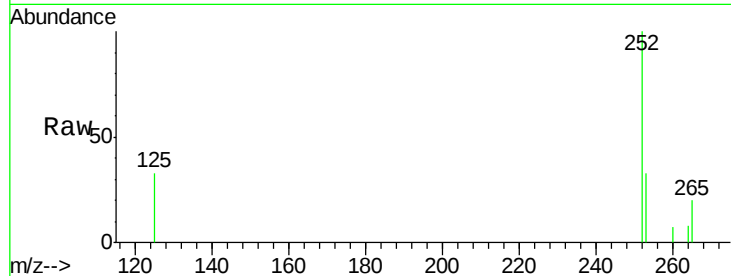
ClientSampleId :

C0AB2

Tgt Ion:	252	Resp:	1311
Ion Ratio	Lower	Upper	
252	100		
253	33.5	24.5	36.7
125	33.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.120 ng/ul

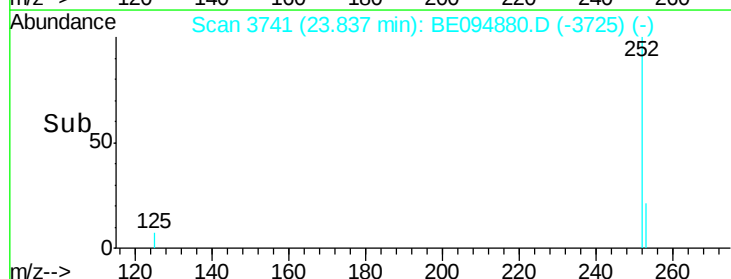
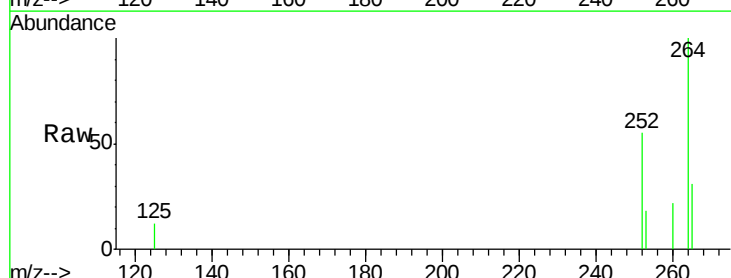
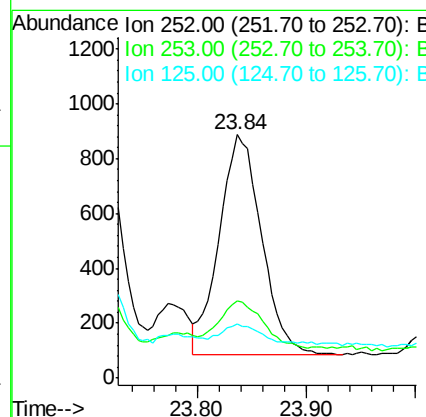
RT: 23.84 min Scan# 3741

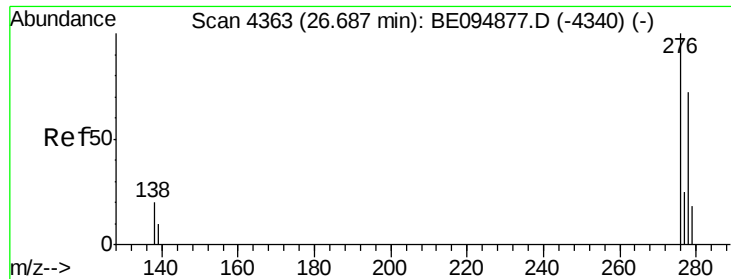
Delta R.T. -0.03 min

Lab File: BE094880.D

Acq: 28 Nov 2017 12:51

Tgt Ion:	252	Resp:	2153
Ion Ratio	Lower	Upper	
252	100		
253	31.8	28.5	42.7
125	22.3	18.1	27.1





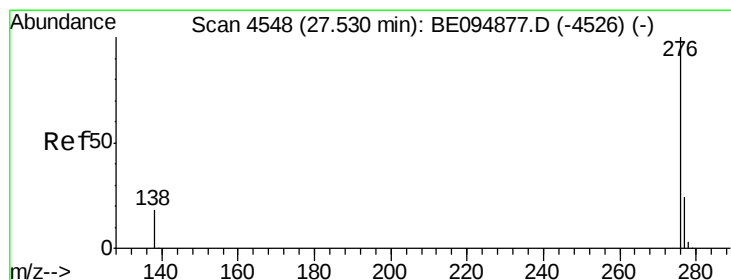
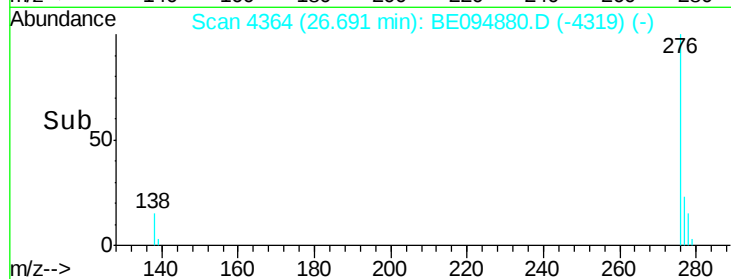
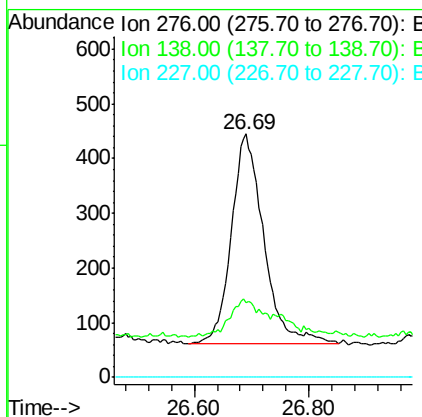
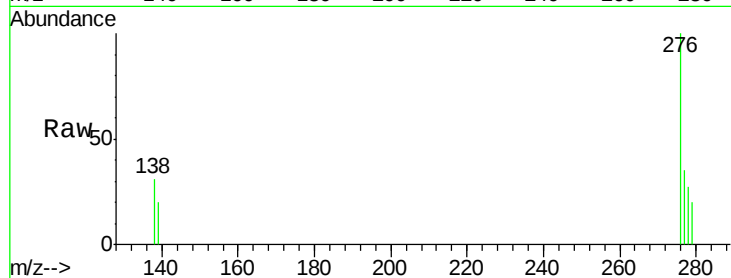
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.077 ng/ul
 RT: 26.69 min Scan# 4364
 Delta R.T. 0.00 min
 Lab File: BE094880.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		1512
138	23.3	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.057 ng/ul
 RT: 27.54 min Scan# 4551
 Delta R.T. 0.01 min
 Lab File: BE094880.D
 Acq: 28 Nov 2017 12:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		935
138	45.4	21.8	32.8#
277	41.0	20.5	30.7#

