

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094725.D
 Acq On : 4 Nov 2017 1:38
 Operator : SJ/JU
 Sample : I5955-13 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-6(3.5-4.5)-101717

Manual Integrations
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Quant Time: Nov 04 01:39:41 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 02:38:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1503	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8975	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4965	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10773	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10704	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11635	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	618	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1515	0.05	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.29	178	2782	0.098	ng/ul#	91
15) Fluoranthene	19.31	202	4656	0.142	ng/ul	84
17) Pyrene	19.67	202	4188	0.127	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	2124	0.069	ng/ul#	73
19) Chrysene	21.47	228	2423	0.077	ng/ul#	68
21) Benzo(b)fluoranthene	23.19	252	2554m	0.078	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	886m	0.025	ng/ul	
23) Benzo(a)pyrene	23.85	252	1601	0.049	ng/ul#	23
24) Indeno(1,2,3-cd)pyrene	26.68	276	819	0.024	ng/ul#	73
26) Benzo(g,h,i)perylene	27.53	276	805	0.030	ng/ul#	8

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

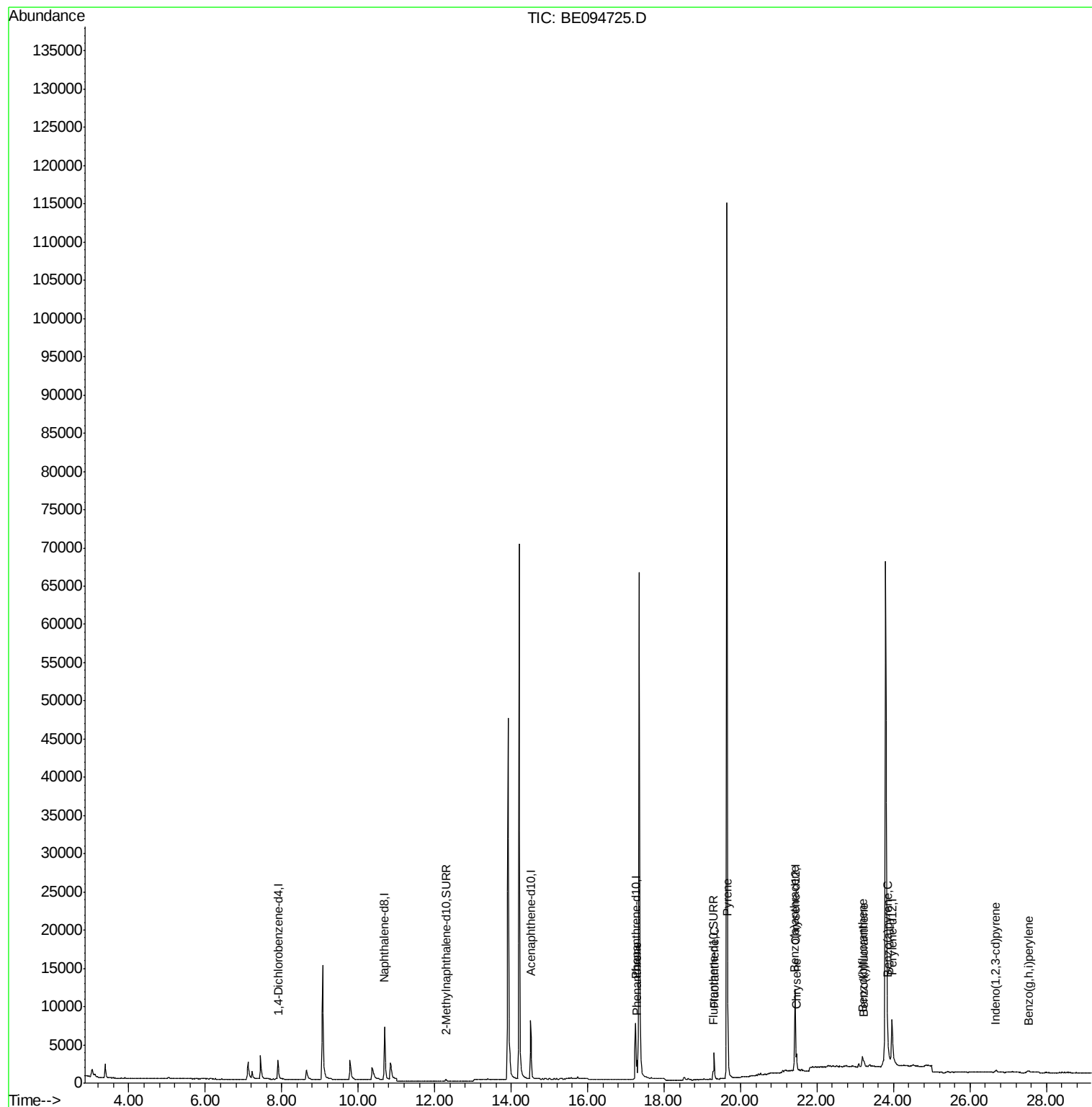
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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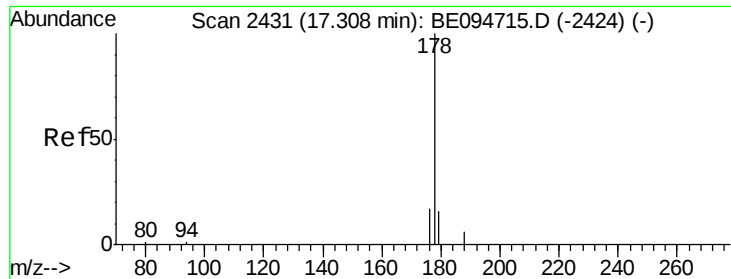
Instrument :
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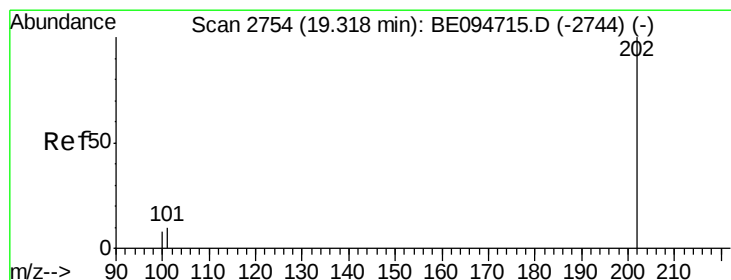
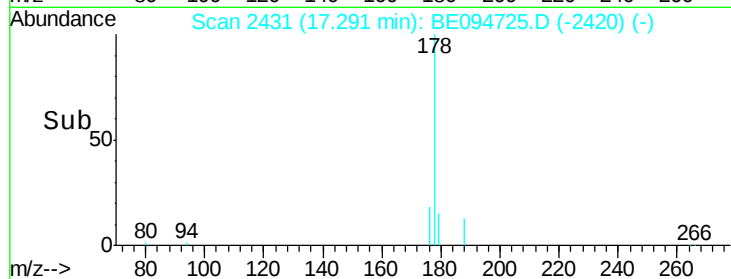
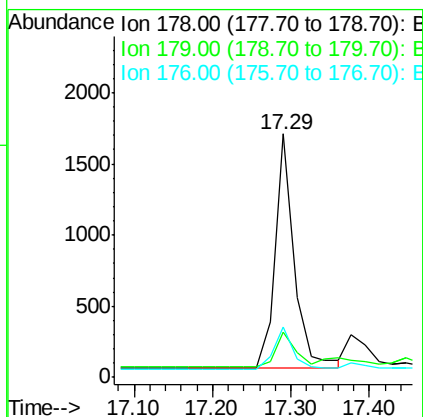
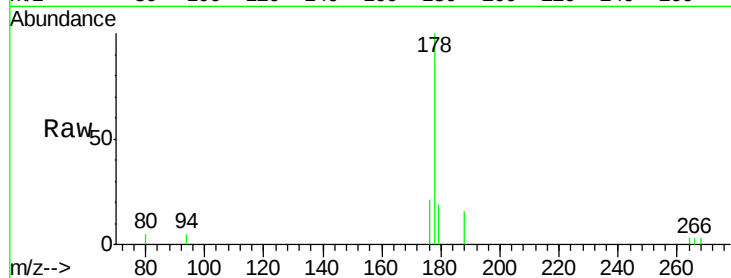
#12
Phenanthrene
Concen: 0.098 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094725.D
Acq: 4 Nov 2017 1:38

Instrument :
BNA_E
ClientSampleId :
B-6(3.5-4.5)-101717

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.6	18.4	27.6
176	20.6	13.6	20.4

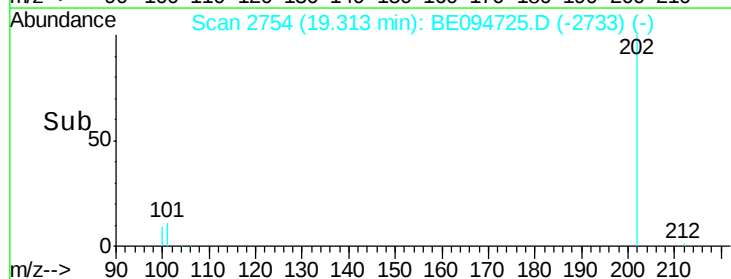
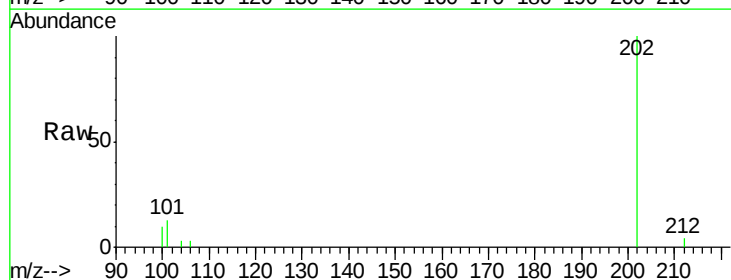
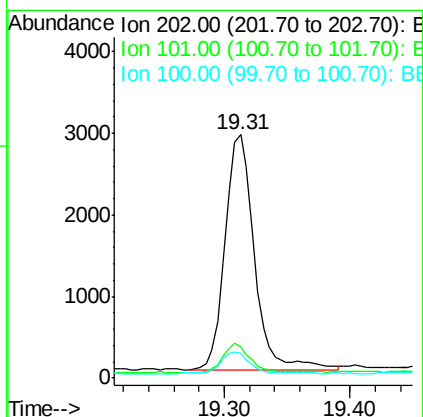
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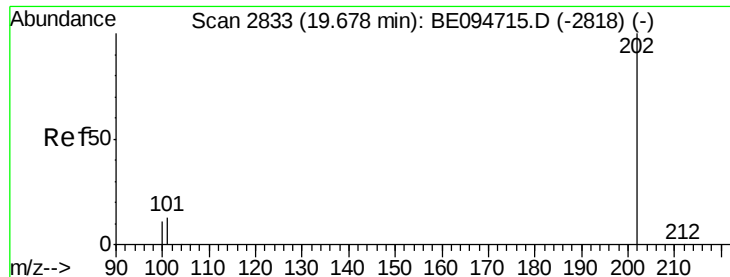
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#15
Fluoranthene
Concen: 0.142 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE094725.D
Acq: 4 Nov 2017 1:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.3
100	10.3	0.0	39.5





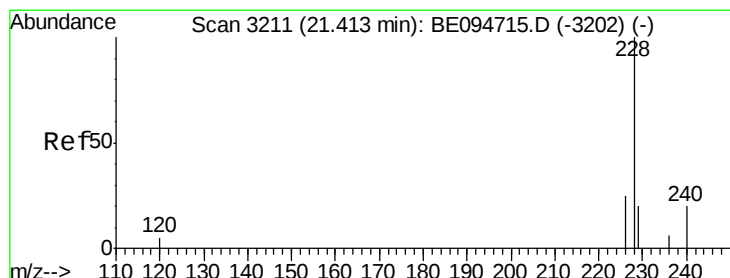
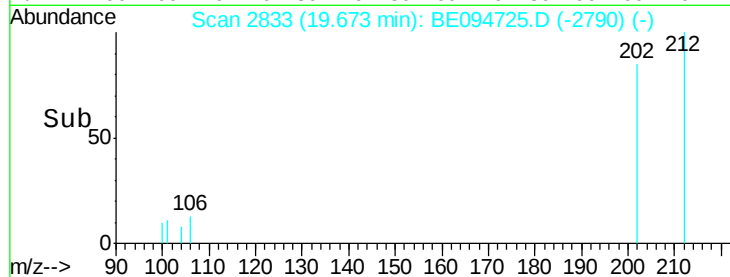
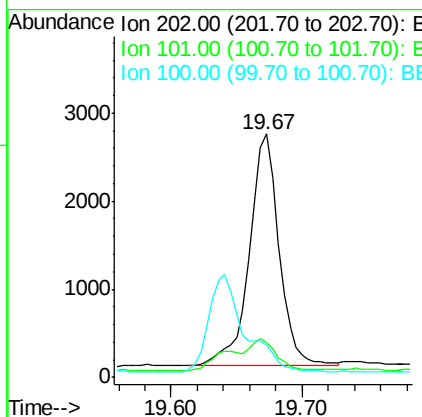
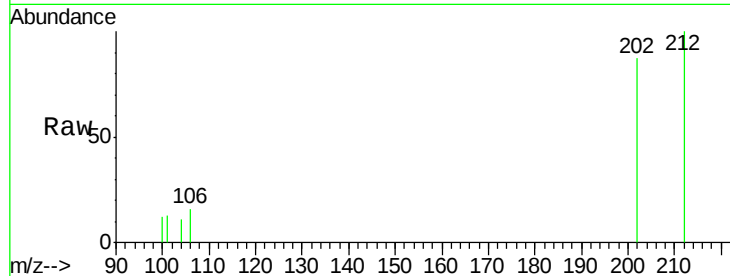
#17
Pyrene
 Concen: 0.127 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094725.D
 Acq: 4 Nov 2017 1:38

Instrument :
 BNA_E
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 B-6(3.5-4.5)-101717

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	18.2	27.4#
100	13.3	15.6	23.4#

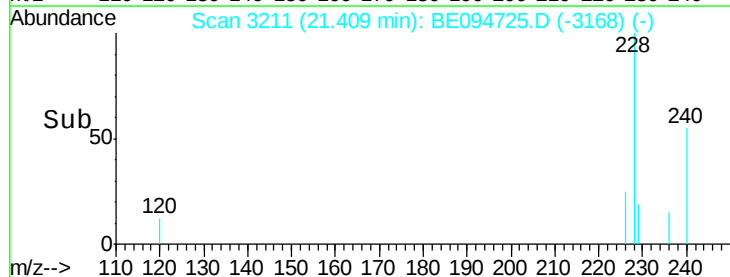
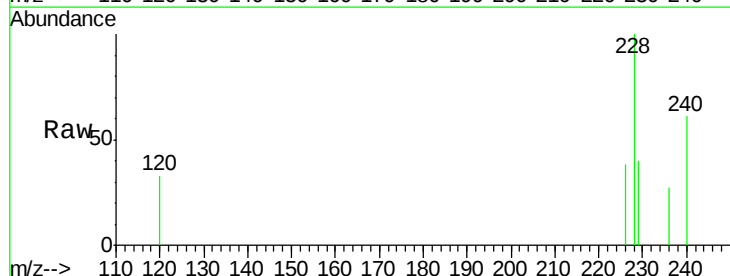
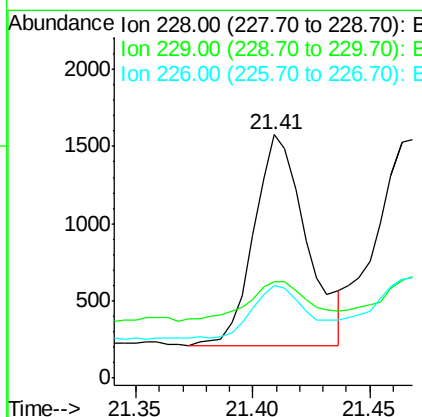
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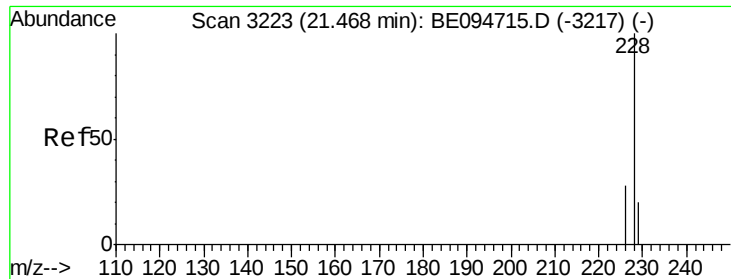
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#18
Benzo(a)anthracene
 Concen: 0.069 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: BE094725.D
 Acq: 4 Nov 2017 1:38

Tgt Ion	Ratio	Lower	Upper
228	100		
229	39.7	22.8	34.2#
226	37.9	17.0	25.6#





#19

Chrysene

Concen: 0.077 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

Instrument :

BNA_E

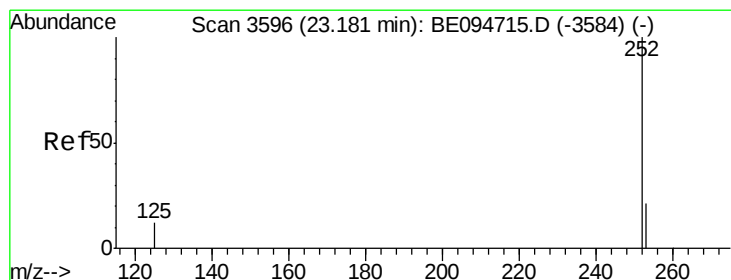
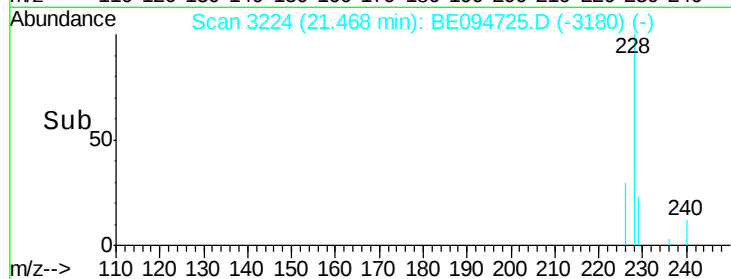
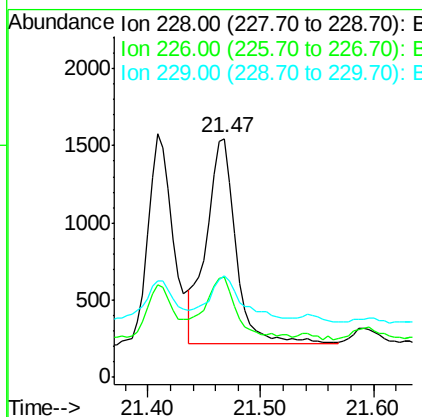
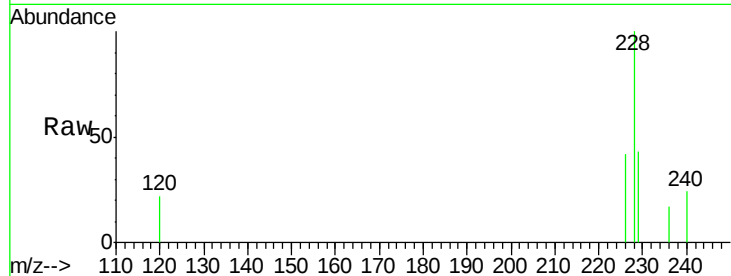
ClientSampleId :

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Tgt Ion:	228	Resp:	2423
Ion Ratio	Lower	Upper	
228	100		
226	42.2	23.4	35.0#
229	42.6	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.078 ng/ul m

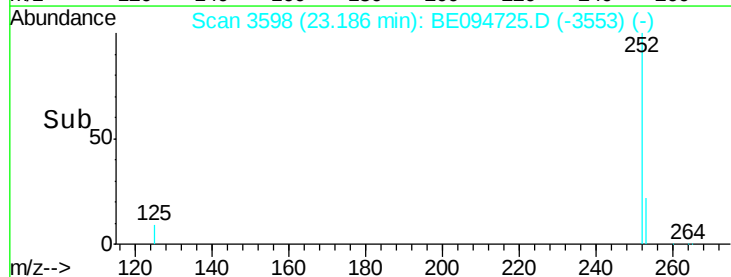
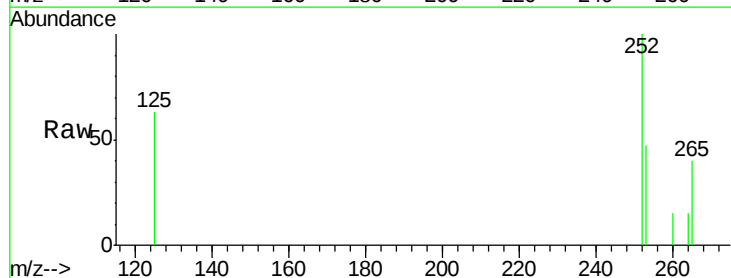
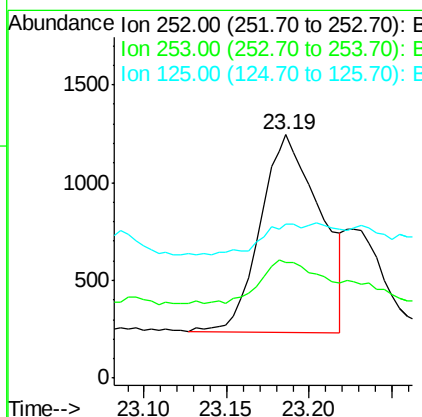
RT: 23.19 min Scan# 3598

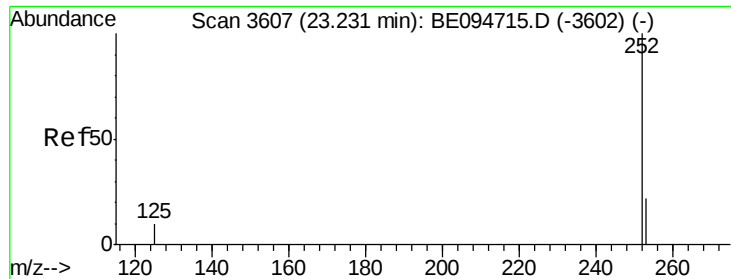
Delta R.T. 0.00 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

Tgt Ion:	252	Resp:	2554
Ion Ratio	Lower	Upper	
252	100		
253	47.4	0.0	64.2
125	63.3	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.025 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094725.D

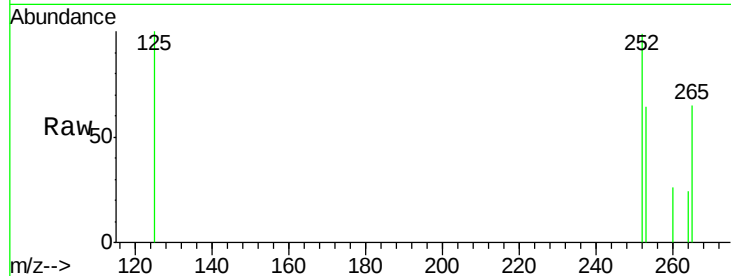
Acq: 4 Nov 2017 1:38

Instrument :

BNA_E

ClientSampleId :

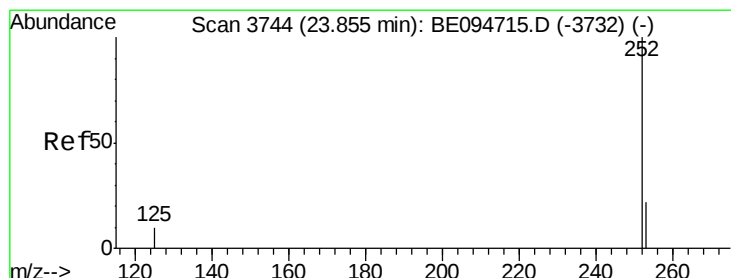
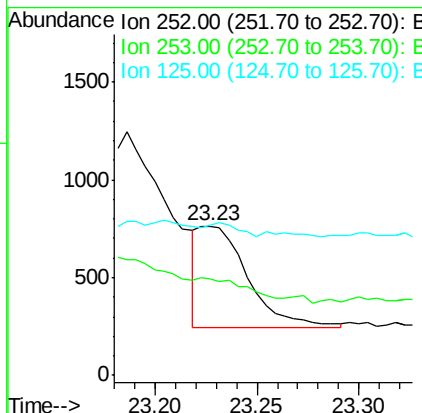
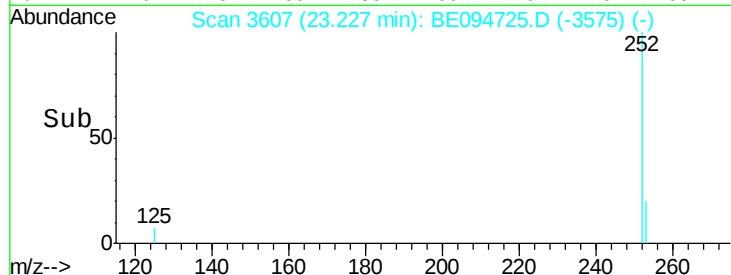
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Tgt Ion:	252	Resp:	886
Ion Ratio	Lower	Upper	
252	100		
253	64.7	24.5	36.7#
125	100.8	13.7	20.5#

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#23

Benzo(a)pyrene

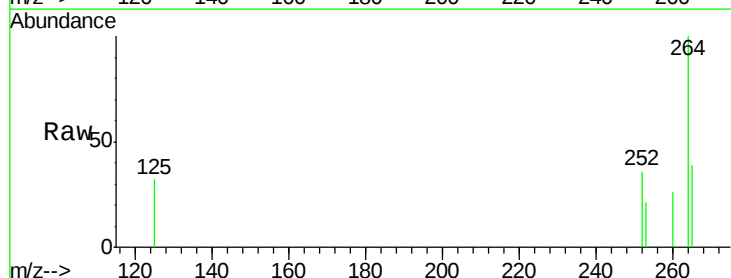
Concen: 0.049 ng/ul

RT: 23.85 min Scan# 3744

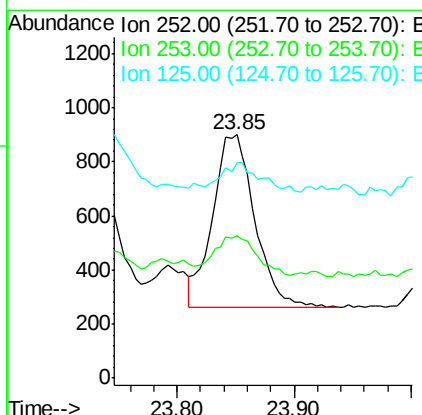
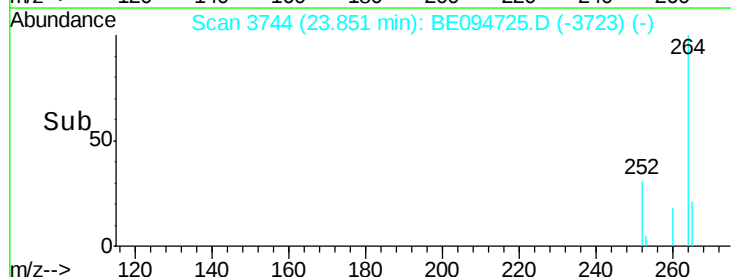
Delta R.T. -0.00 min

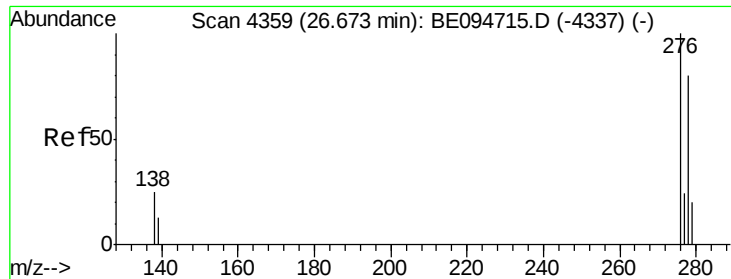
Lab File: BE094725.D

Acq: 4 Nov 2017 1:38



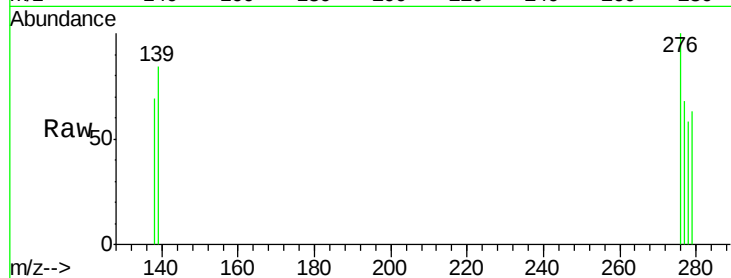
Tgt Ion:	252	Resp:	1601
Ion Ratio	Lower	Upper	
252	100		
253	58.5	28.5	42.7#
125	88.7	18.1	27.1#





#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.024 ng/uI
 RT: 26.68 min Scan# 4361
 Delta R.T. 0.00 min
 Lab File: BE094725.D
 Acq: 4 Nov 2017 1:38

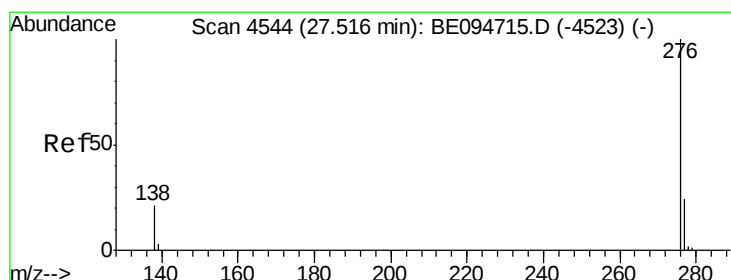
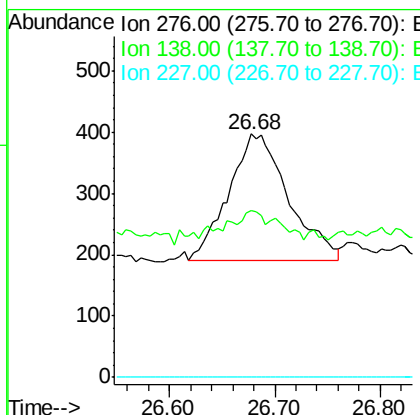
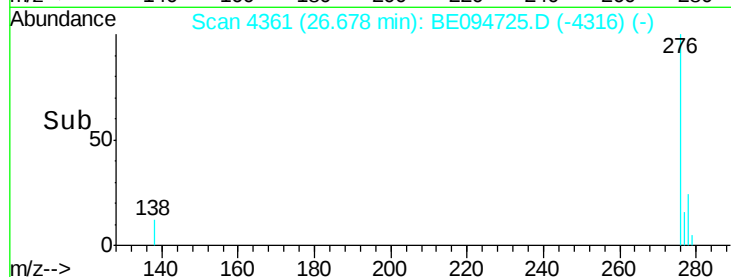
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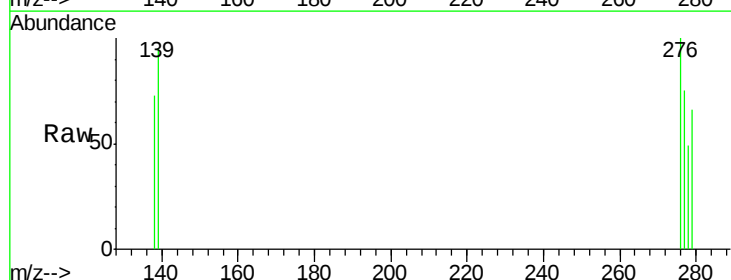
Tgt Ion: 276 Resp: 819
 Ion Ratio Lower Upper
 276 100
 138 19.2 28.0 42.0#
 227 0.0 8.0 12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.030 ng/uI
 RT: 27.53 min Scan# 4547
 Delta R.T. 0.01 min
 Lab File: BE094725.D
 Acq: 4 Nov 2017 1:38



Tgt Ion: 276 Resp: 805
 Ion Ratio Lower Upper
 276 100
 138 72.8 21.8 32.8#
 277 74.8 20.5 30.7#

