

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094566.D
 Acq On : 26 Oct 2017 17:24
 Operator : SJ/JU
 Sample : I5719-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-36(0-1)-100417

Manual Integrations
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Quant Time: Oct 27 08:30:57 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1219	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6992	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	3998	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8834	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8762	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9003	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	415	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1021	0.04	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.74	128	18531	1.084	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	5073	0.424	ng/ul	99
7) Acenaphthylene	14.24	152	2429	0.134	ng/ul#	92
8) Acenaphthene	14.57	153	774	0.060	ng/ul#	91
9) Fluorene	15.57	166	891	0.061	ng/ul#	91
12) Phenanthrene	17.29	178	19014	0.815	ng/ul#	91
13) Anthracene	17.38	178	5106	0.222	ng/ul	92
15) Fluoranthene	19.31	202	59229	2.196	ng/ul	84
17) Pyrene	19.67	202	54319	2.005	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	34229	1.367	ng/ul#	88
19) Chrysene	21.46	228	33801	1.306	ng/ul	97
21) Benzo(b)fluoranthene	23.18	252	55373m	2.187	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	17745m	0.654	ng/ul	
23) Benzo(a)pyrene	23.84	252	35969	1.421	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.64	276	28987	1.107	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.63	278	7189	0.326	ng/ul#	79
26) Benzo(g,h,i)perylene	27.48	276	28782	1.368	ng/ul	97

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

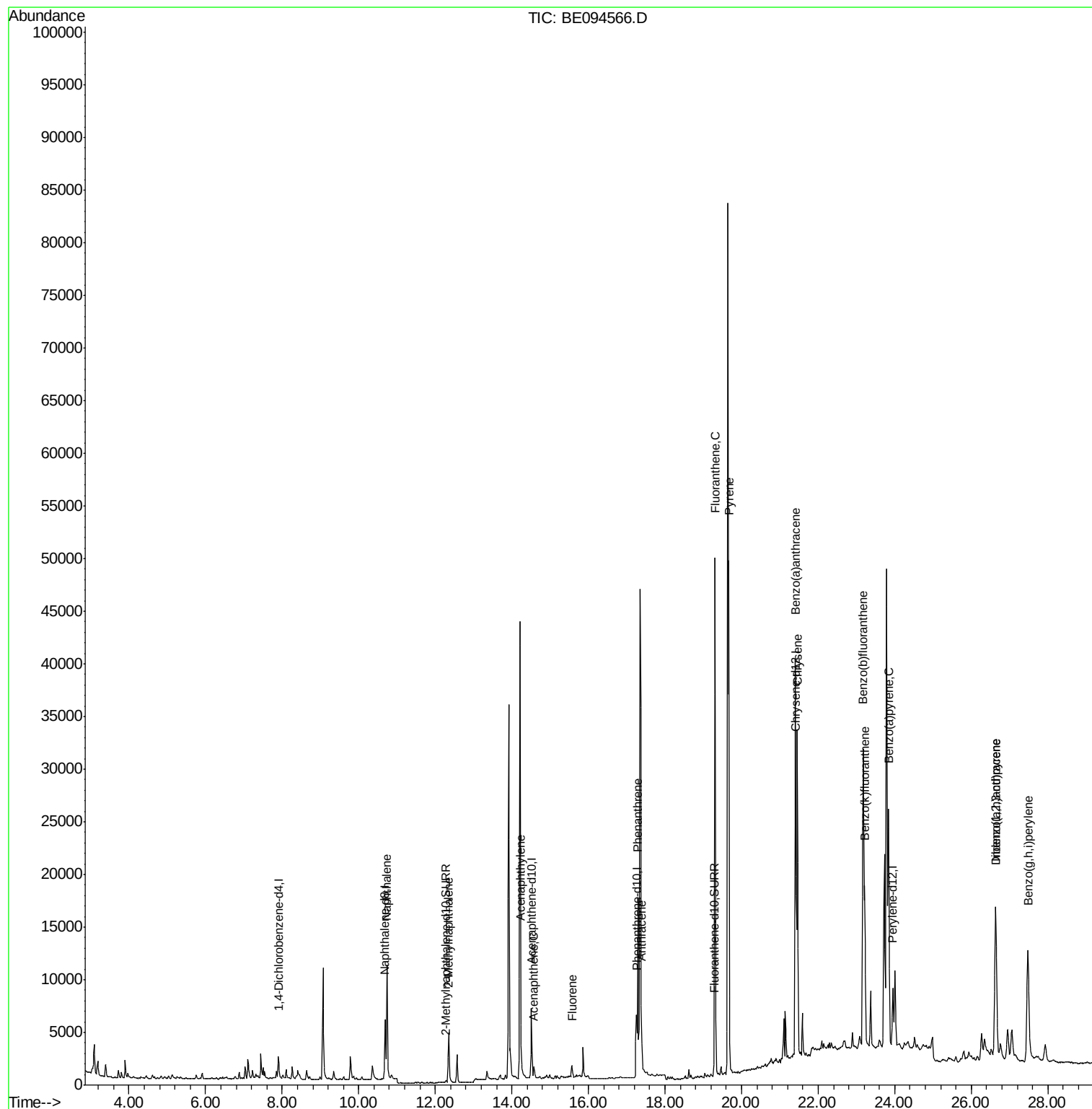
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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ALS Vial : 11 Sample Multiplier: 1

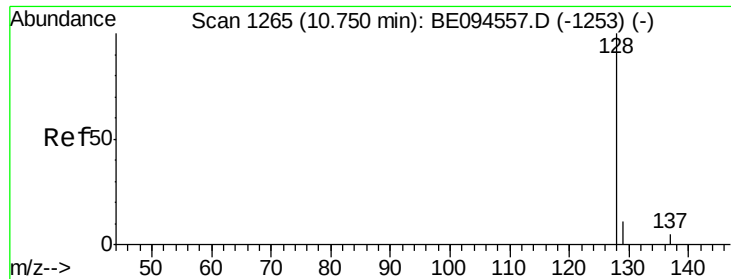
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#3

Naphthalene

Concen: 1.084 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094566.D

Acq: 26 Oct 2017 17:24

Instrument :

BNA_E

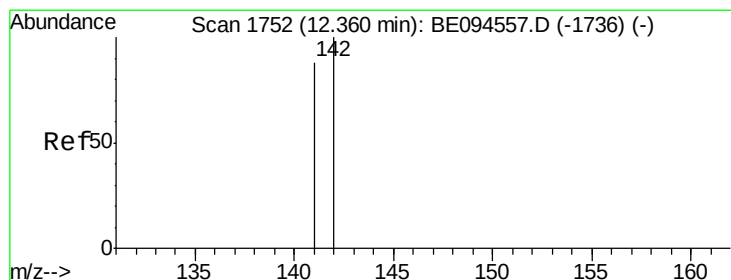
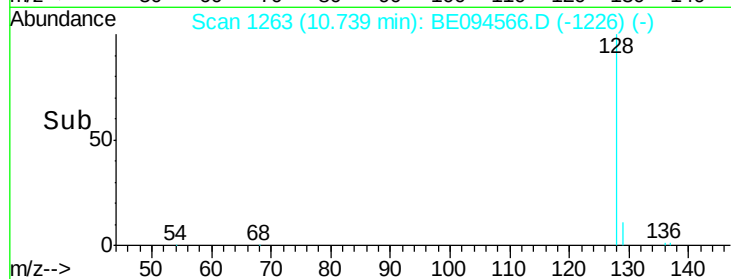
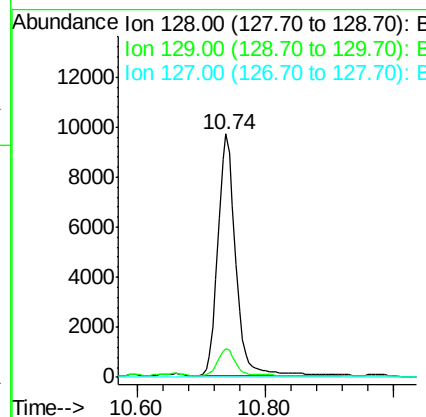
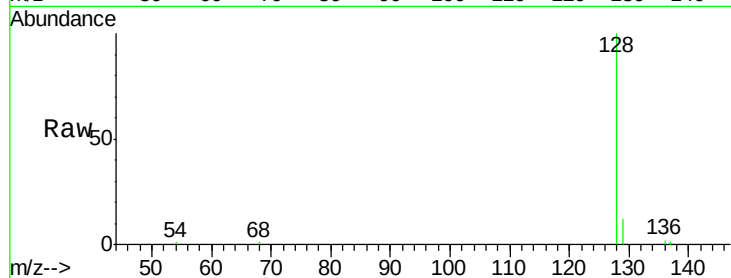
ClientSampleId :

B-36(0-1)-100417

Tgt Ion:	128	Resp:	18531
Ion Ratio	Lower	Upper	
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.424 ng/ul

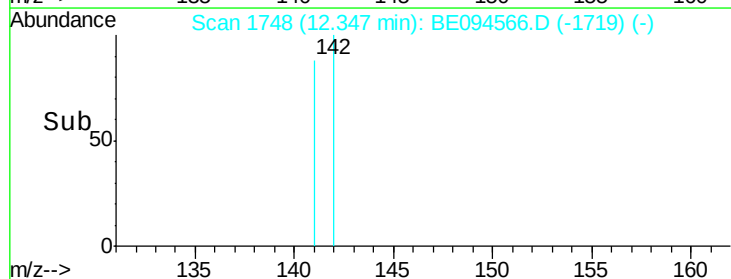
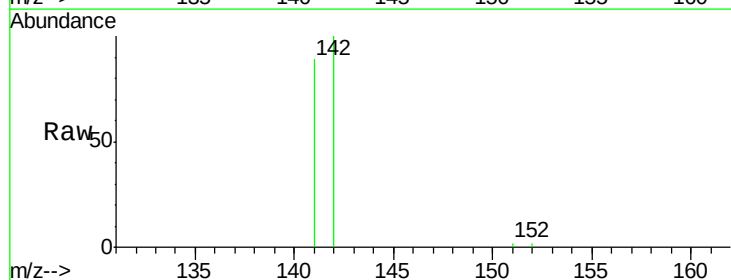
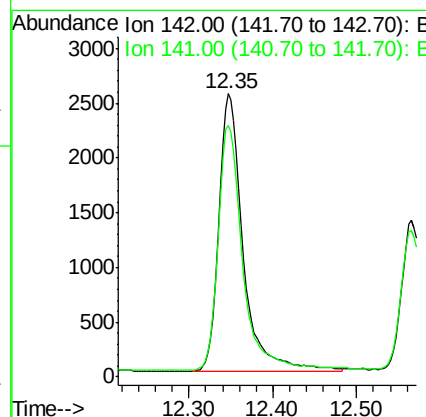
RT: 12.35 min Scan# 1748

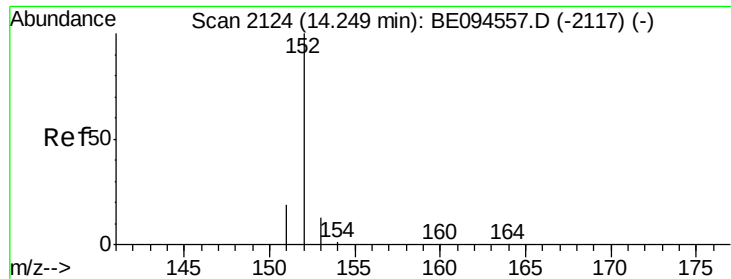
Delta R.T. -0.01 min

Lab File: BE094566.D

Acq: 26 Oct 2017 17:24

Tgt Ion:	142	Resp:	5073
Ion Ratio	Lower	Upper	
142	100		
141	89.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.134 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094566.D

Acq: 26 Oct 2017 17:24

Instrument :

BNA_E

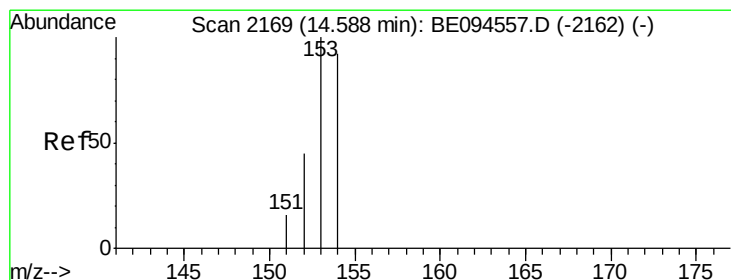
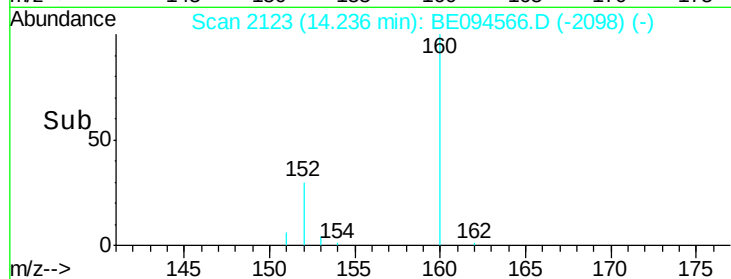
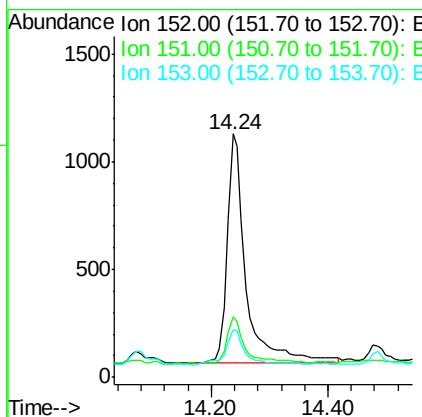
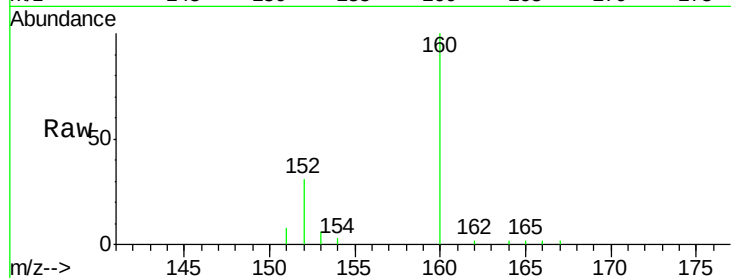
ClientSampleId :

B-36(0-1)-100417

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.0	17.1	25.7
153	19.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.060 ng/ul

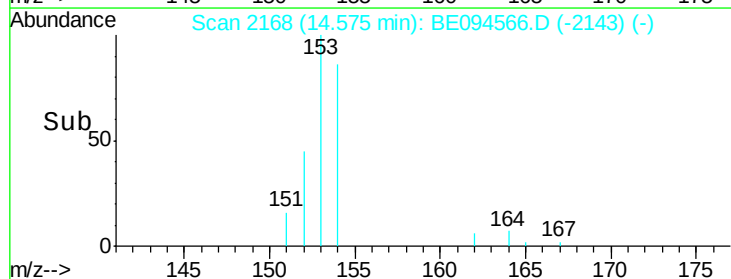
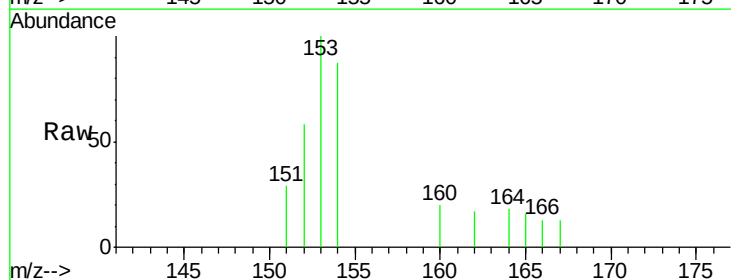
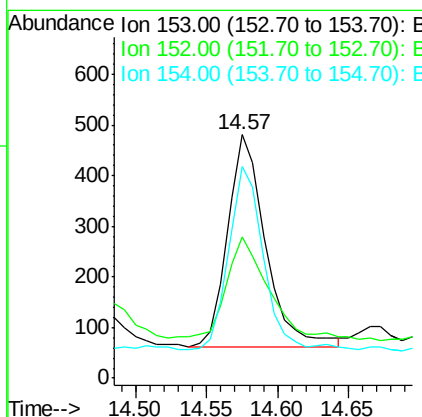
RT: 14.57 min Scan# 2168

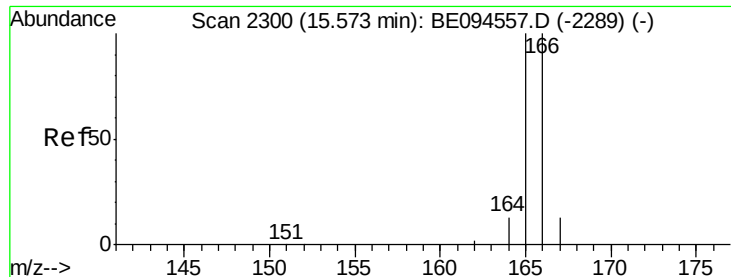
Delta R.T. -0.01 min

Lab File: BE094566.D

Acq: 26 Oct 2017 17:24

Tgt Ion	Ratio	Lower	Upper
153	100		
152	58.0	36.0	54.0
154	87.1	72.0	108.0





#9

Fluorene

Concen: 0.061 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094566.D

Acq: 26 Oct 2017 17:24

Instrument :

BNA_E

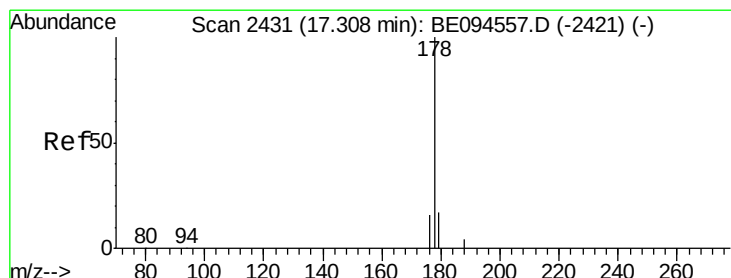
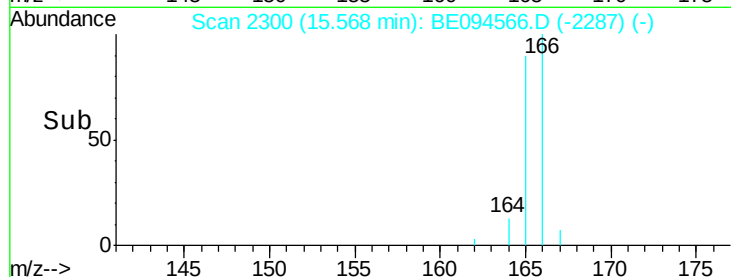
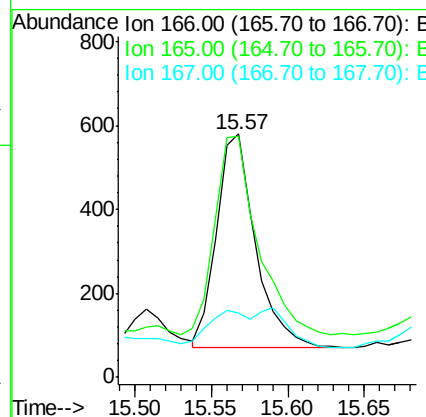
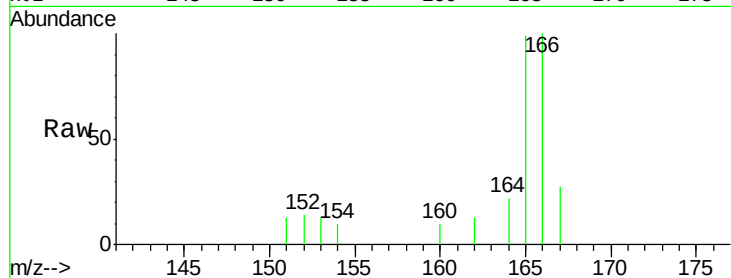
ClientSampleId :

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Tgt Ion:	166	Resp:	891
Ion Ratio	Lower	Upper	
166	100		
165	99.0	73.4	110.2
167	26.6	14.6	22.0#

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#12

Phenanthrene

Concen: 0.815 ng/ul

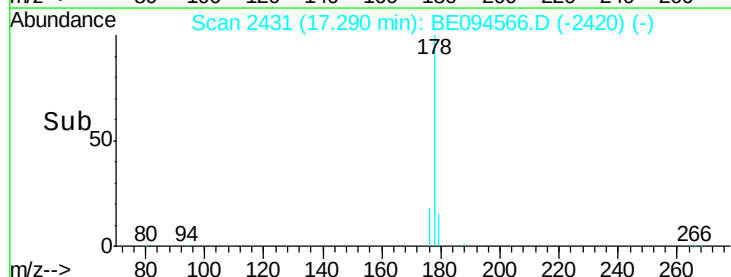
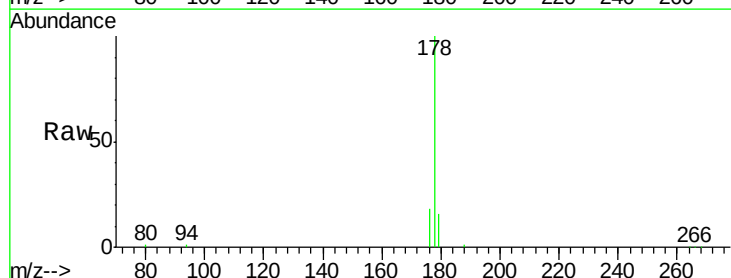
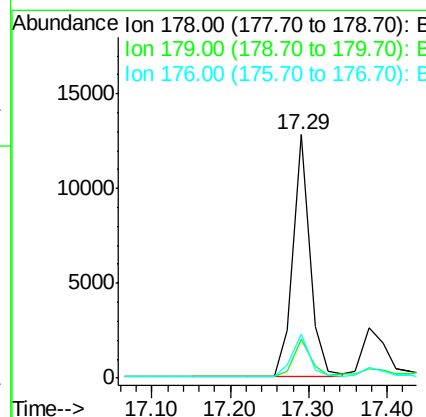
RT: 17.29 min Scan# 2431

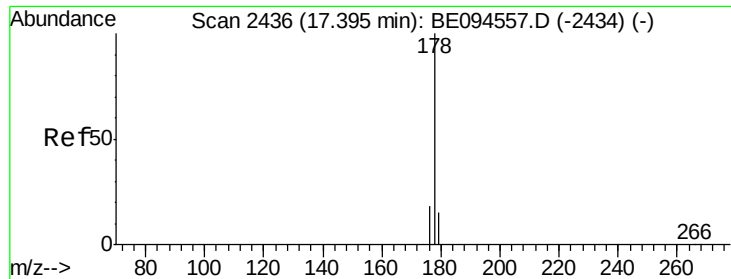
Delta R.T. -0.02 min

Lab File: BE094566.D

Acq: 26 Oct 2017 17:24

Tgt Ion:	178	Resp:	19014
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.4	27.6#
176	18.2	13.6	20.4





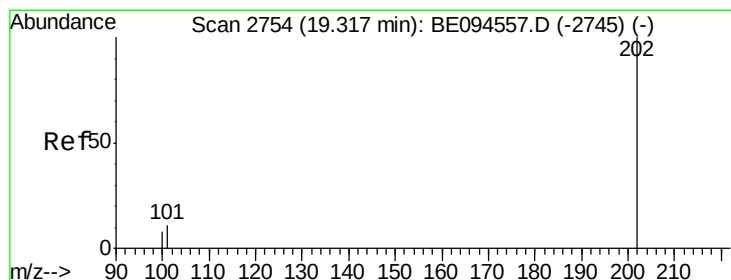
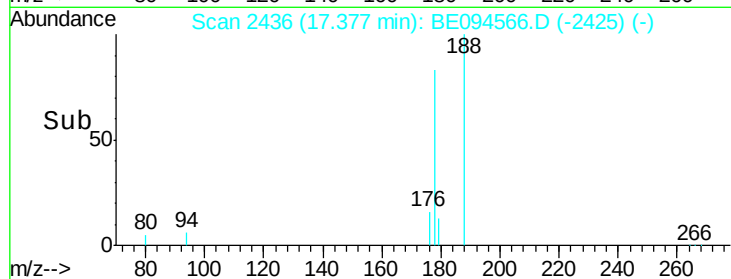
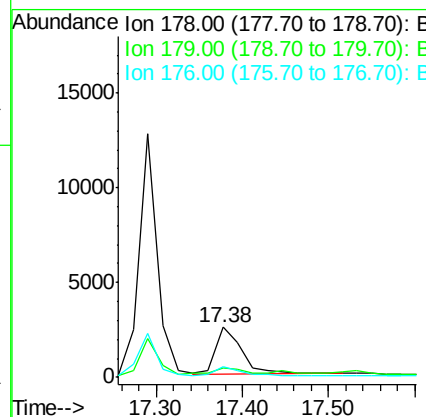
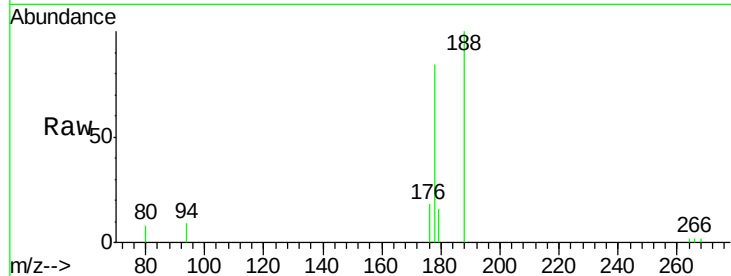
#13
 Anthracene
 Concen: 0.222 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094566.D
 Acq: 26 Oct 2017 17:24

Instrument :
 BNA_E
 ClientSampled :
 B-36(0-1)-100417

Tgt Ion:178 Resp: 5106
 Ion Ratio Lower Upper
 178 100
 179 18.5 18.1 27.1
 176 21.9 14.7 22.1

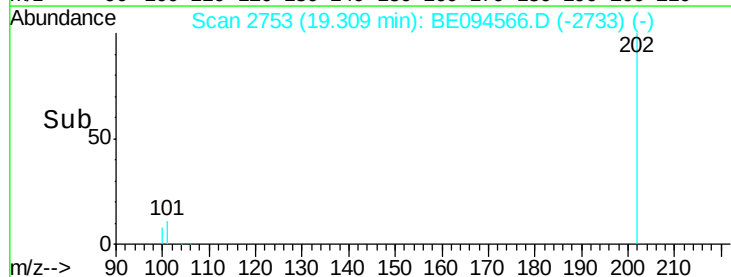
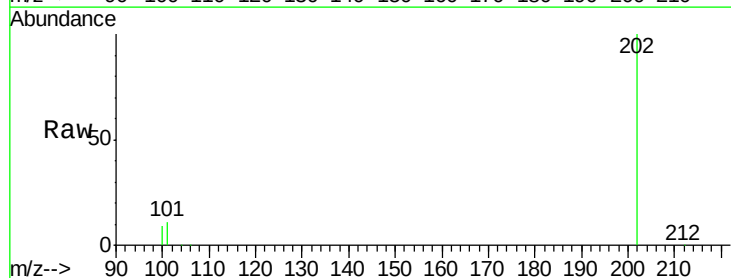
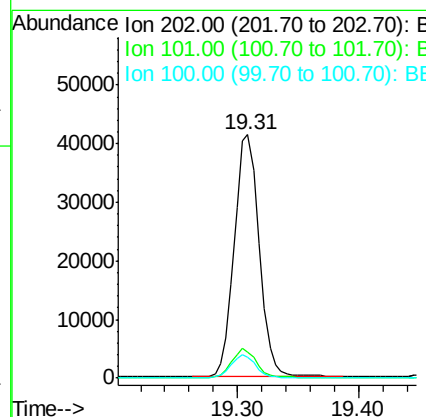
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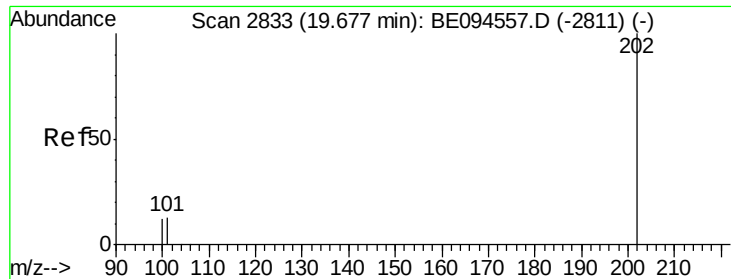
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#15
 Fluoranthene
 Concen: 2.196 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094566.D
 Acq: 26 Oct 2017 17:24

Tgt Ion:202 Resp: 59229
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.3
 100 8.6 0.0 39.5





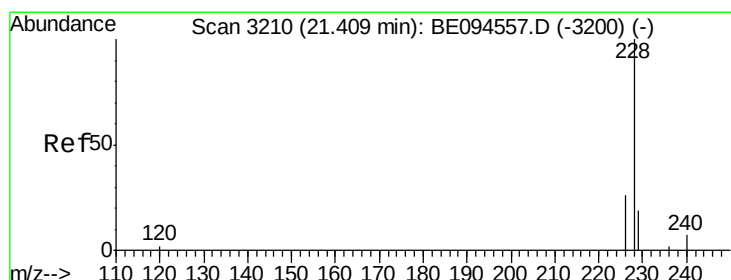
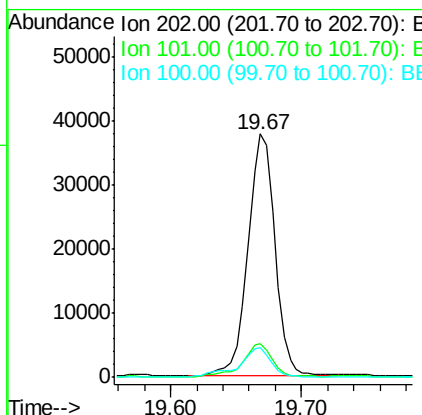
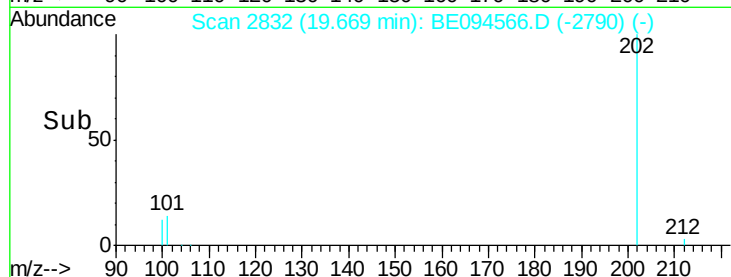
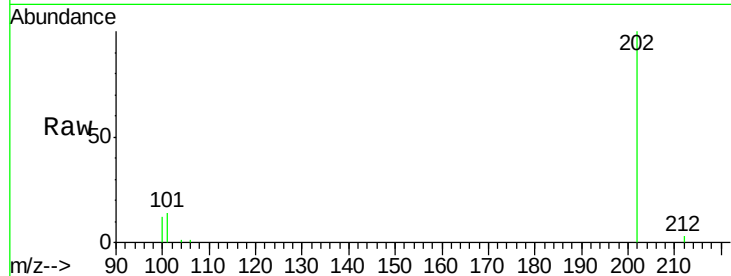
#17
Pyrene
 Concen: 2.005 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094566.D
 Acq: 26 Oct 2017 17:24

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Tgt Ion:	202	Resp:	54319
Ion Ratio	Lower	Upper	
202	100		
101	13.9	18.2	27.4#
100	12.1	15.6	23.4#

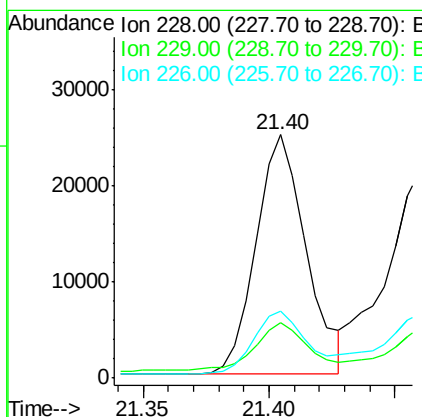
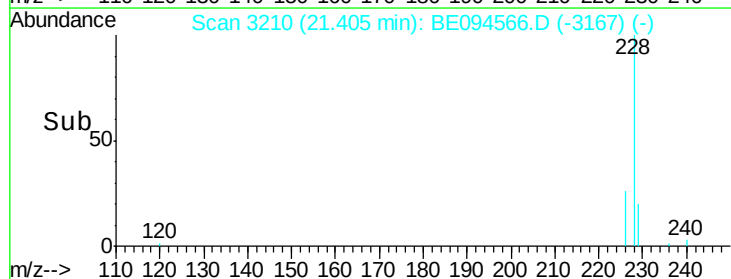
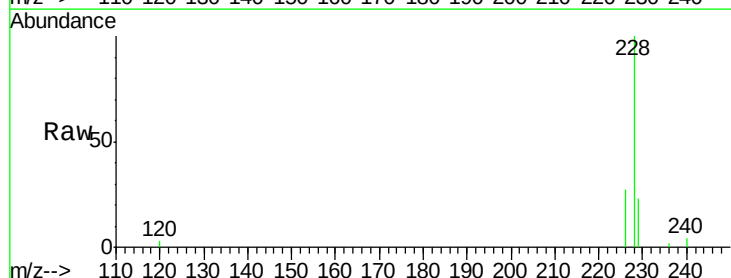
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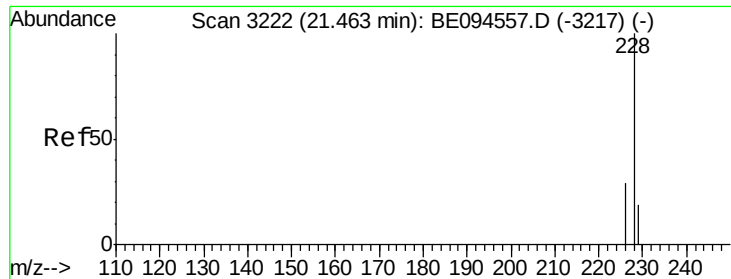
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#18
Benzo(a)anthracene
 Concen: 1.367 ng/ul
 RT: 21.40 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094566.D
 Acq: 26 Oct 2017 17:24

Tgt Ion:	228	Resp:	34229
Ion Ratio	Lower	Upper	
228	100		
229	22.7	22.8	34.2#
226	27.3	17.0	25.6#





#19

Chrysene

Concen: 1.306 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094566.D

Acq: 26 Oct 2017 17:24

Instrument :

BNA_E

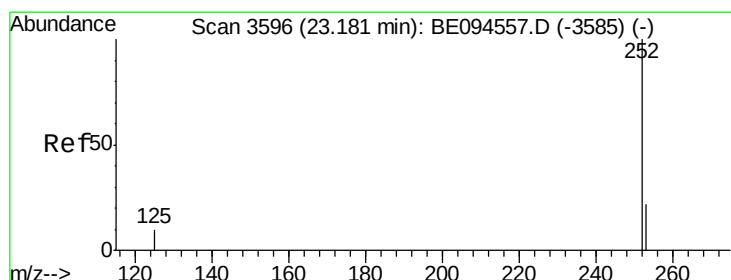
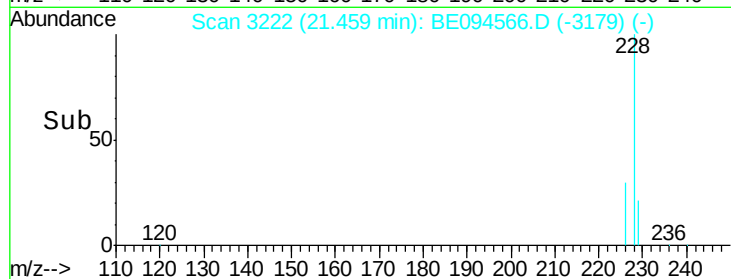
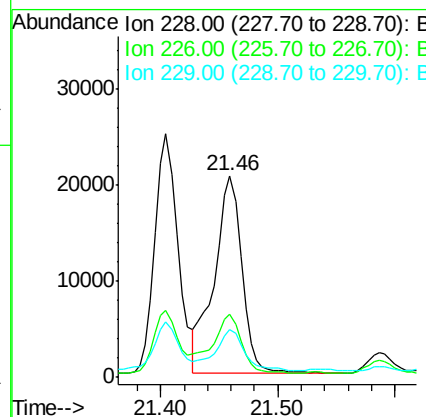
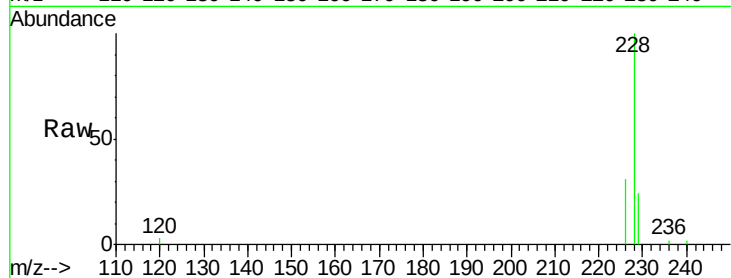
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Tgt Ion:	228	Resp:	33801
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.0
229	23.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.187 ng/ul m

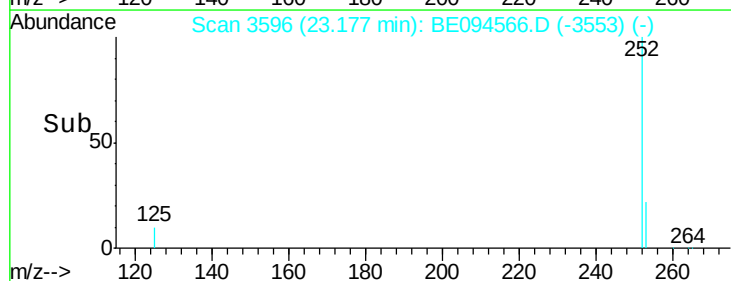
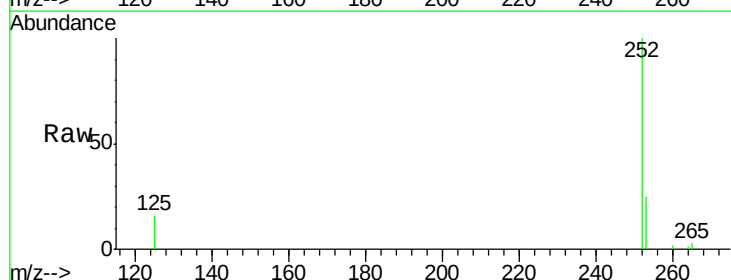
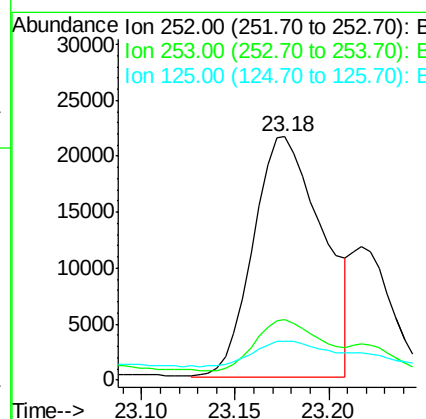
RT: 23.18 min Scan# 3596

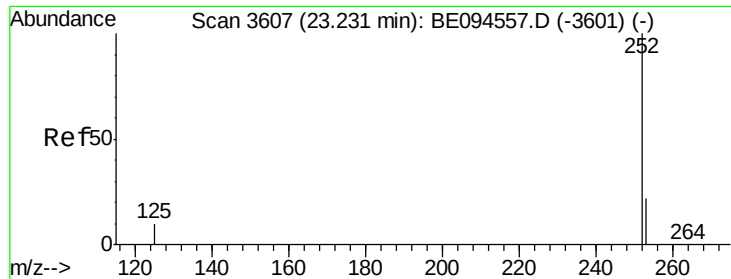
Delta R.T. -0.00 min

Lab File: BE094566.D

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Tgt Ion:	252	Resp:	55373
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	64.2
125	16.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.654 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. -0.01 min

Lab File: BE094566.D

Acq: 26 Oct 2017 17:24

Instrument :

BNA_E

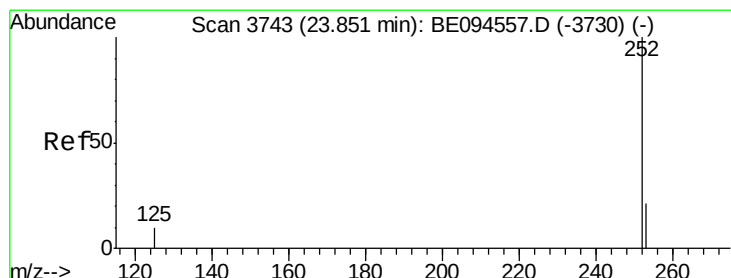
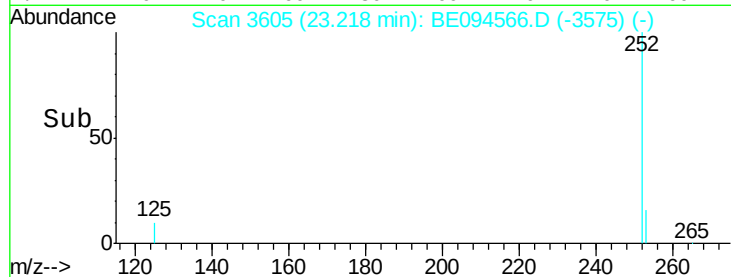
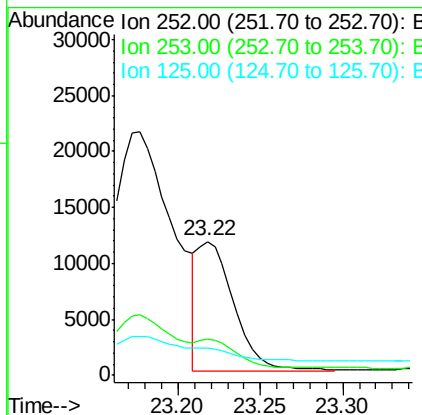
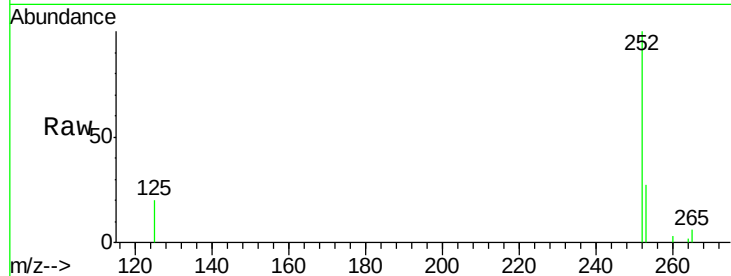
ClientSampleId :

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Tgt Ion:	252	Resp:	17745
Ion Ratio	Lower	Upper	
252	100		
253	27.0	24.5	36.7
125	20.5	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.421 ng/ul

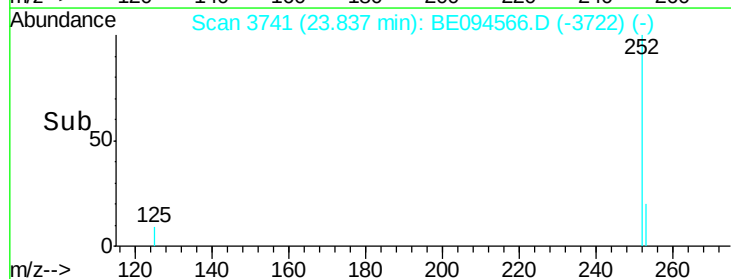
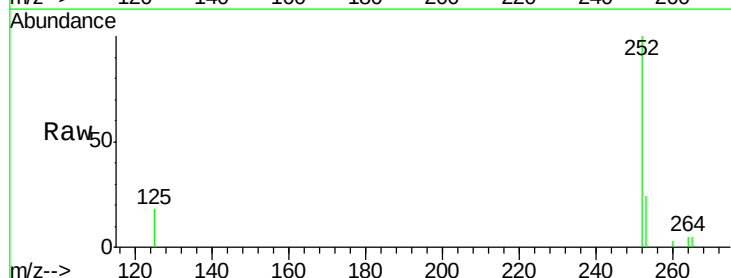
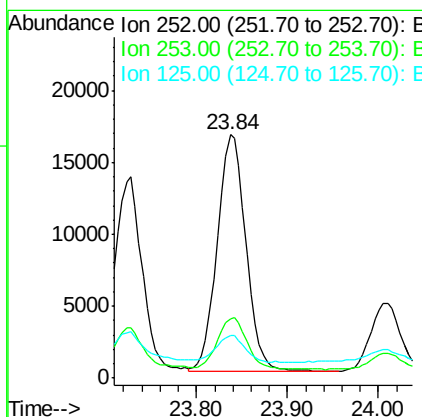
RT: 23.84 min Scan# 3741

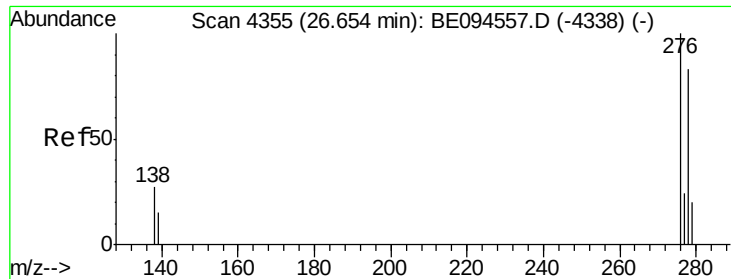
Delta R.T. -0.01 min

Lab File: BE094566.D

Acq: 26 Oct 2017 17:24

Tgt Ion:	252	Resp:	35969
Ion Ratio	Lower	Upper	
252	100		
253	24.5	28.5	42.7#
125	17.7	18.1	27.1#





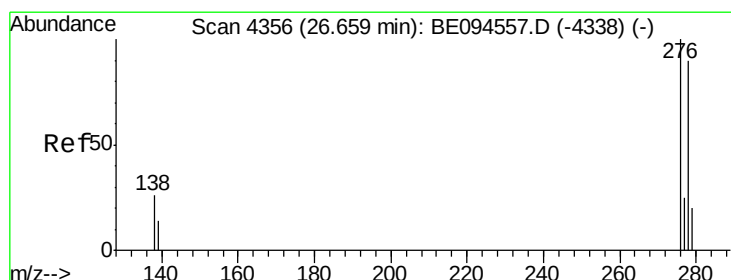
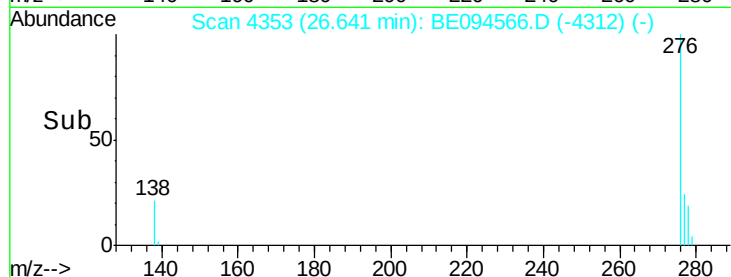
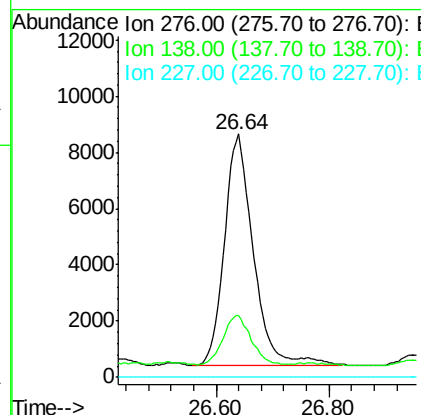
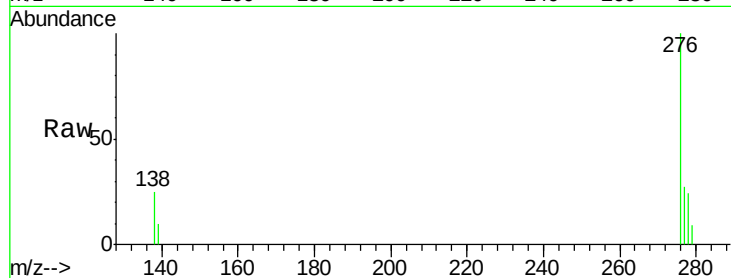
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.107 ng/ul
 RT: 26.64 min Scan# 4353
 Delta R.T. -0.01 min
 Lab File: BE094566.D
 Acq: 26 Oct 2017 17:24

Instrument :
 BNA_E
 ClientSampleId :
 B-36(0-1)-100417

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	28.0	42.0#
227	0.0	8.0	12.0#

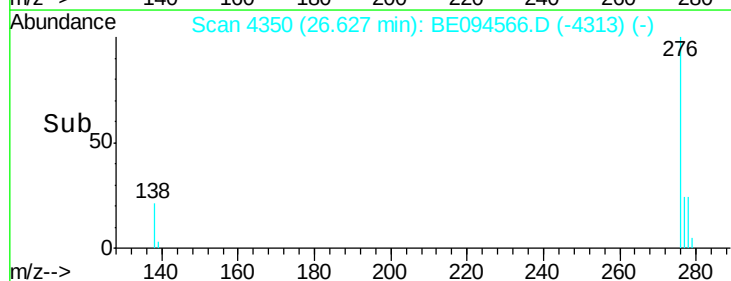
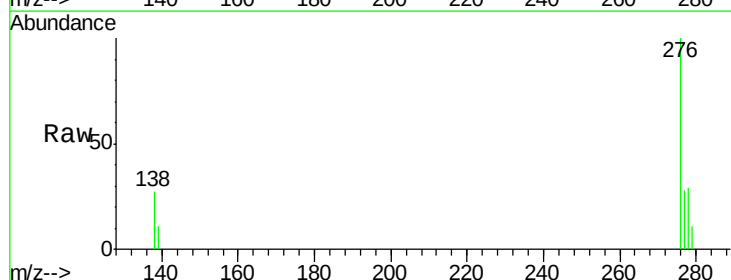
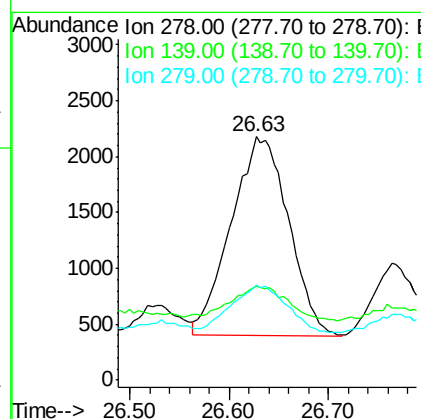
Manual Integrations
 APPROVED

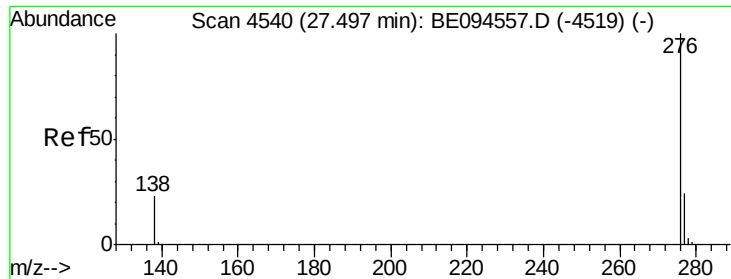
Sohil
 10/27/2017 5:34:56 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.326 ng/ul
 RT: 26.63 min Scan# 4350
 Delta R.T. -0.03 min
 Lab File: BE094566.D
 Acq: 26 Oct 2017 17:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.5	17.4	26.0#
279	39.0	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 1.368 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. -0.02 min

Lab File: BE094566.D

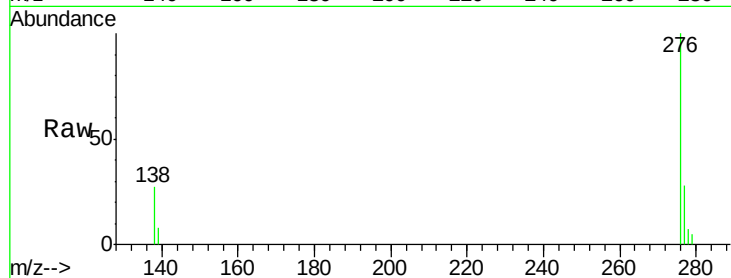
Acq: 26 Oct 2017 17:24

Instrument :

BNA_E

ClientSampleId :

B-36(0-1)-100417



Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.8
277	28.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:56 PM

