

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094722.D
 Acq On : 3 Nov 2017 23:54
 Operator : SJ/JU
 Sample : I5955-09 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-14(0-1)-101717

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:16:50 PM

Quant Time: Nov 04 00:41:26 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 01:15:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1588	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9229	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5215	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11288	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10908	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	11113	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	516	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1315	0.04	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	5941	0.263	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	2057	0.130	ng/ul	97
7) Acenaphthylene	14.24	152	5076	0.215	ng/ul	98
8) Acenaphthene	14.57	153	8037	0.474	ng/ul	99
9) Fluorene	15.56	166	10386	0.546	ng/ul#	92
12) Phenanthrene	17.29	178	150049	5.033	ng/ul#	92
13) Anthracene	17.38	178	38085	1.294	ng/ul#	92
15) Fluoranthene	19.30	202	250874	7.278	ng/ul	84
17) Pyrene	19.66	202	218696	6.485	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	117088	3.755	ng/ul#	87
19) Chrysene	21.45	228	118365	3.672	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	148911m	4.764	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	46567m	1.390	ng/ul	
23) Benzo(a)pyrene	23.84	252	100715	3.223	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.65	276	56497	1.747	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.65	278	14381	0.528	ng/ul#	78
26) Benzo(g,h,i)perylene	27.50	276	48033	1.850	ng/ul	97

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

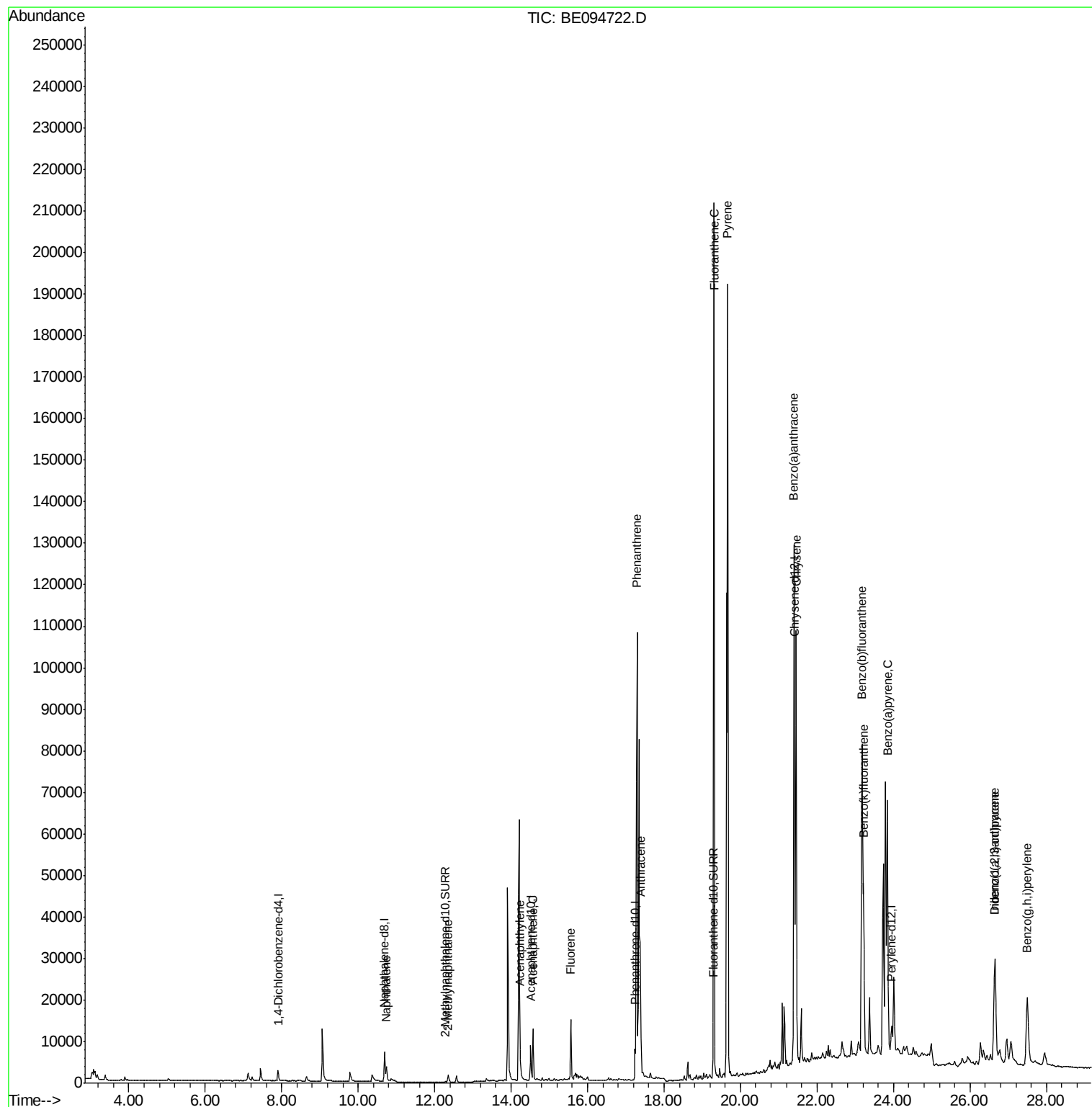
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 22 Sample Multiplier: 1

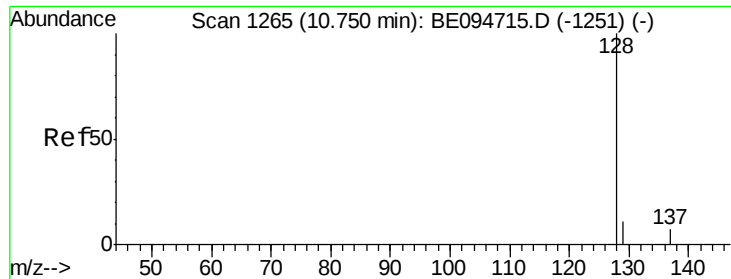
Instrument :
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Manual Integrations
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QLast Update : Sat Nov 04 01:15:30 2017
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#3

Naphthalene

Concen: 0.263 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Instrument :

BNA_E

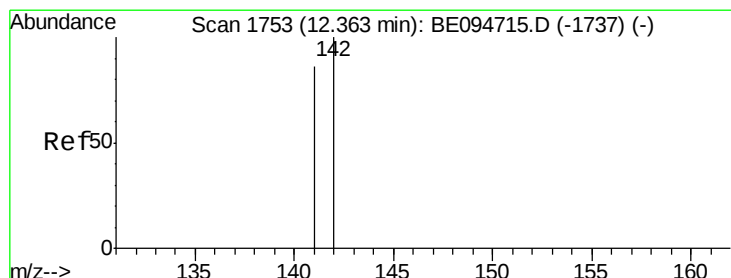
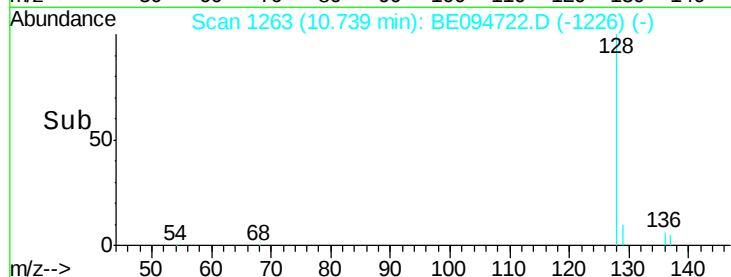
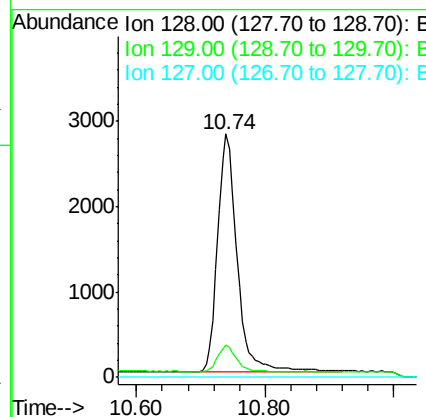
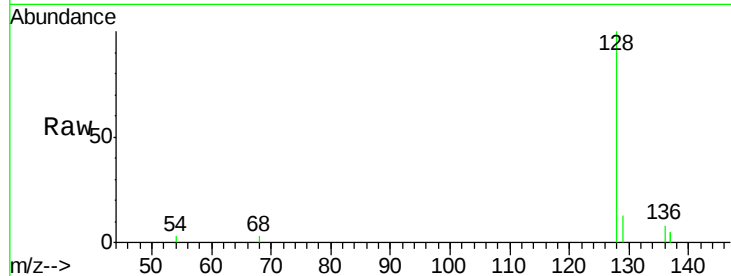
ClientSampleId :

B-14(0-1)-101717

Tgt Ion:	128	Resp:	5941
Ion Ratio	Lower	Upper	
128	100		
129	13.1	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.130 ng/ul

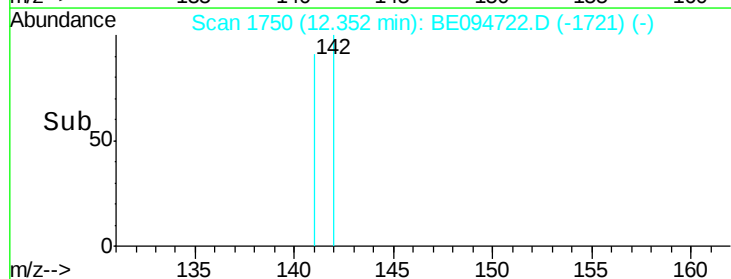
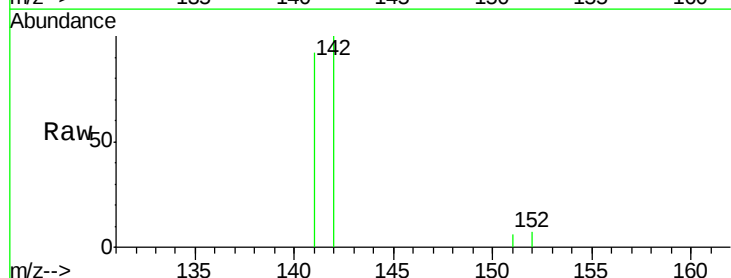
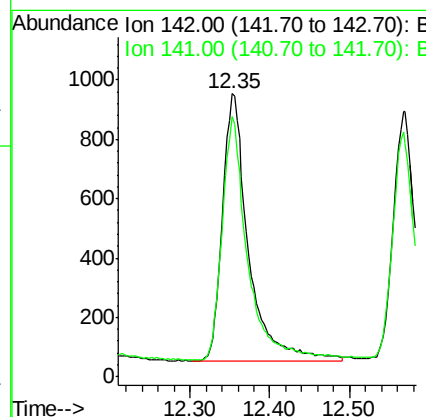
RT: 12.35 min Scan# 1750

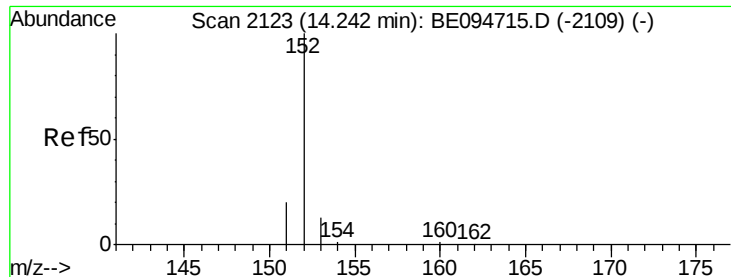
Delta R.T. -0.01 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Tgt Ion:	142	Resp:	2057
Ion Ratio	Lower	Upper	
142	100		
141	88.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.215 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Instrument :

BNA_E

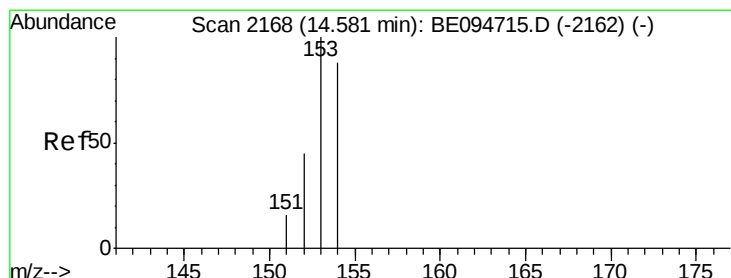
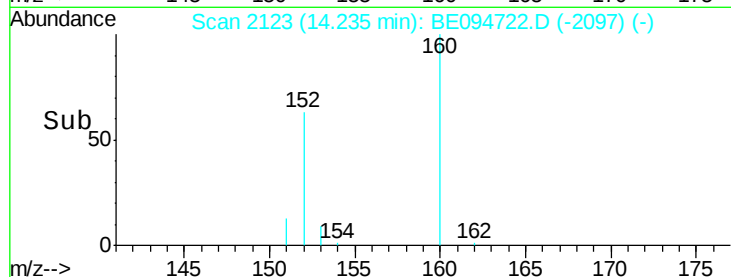
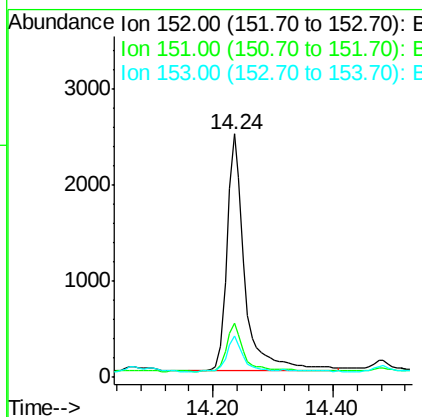
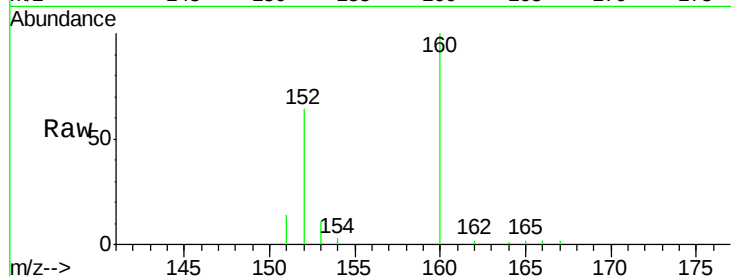
ClientSampleId :

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Tgt Ion:	152	Resp:	5076
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.1	25.7
153	16.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.474 ng/ul

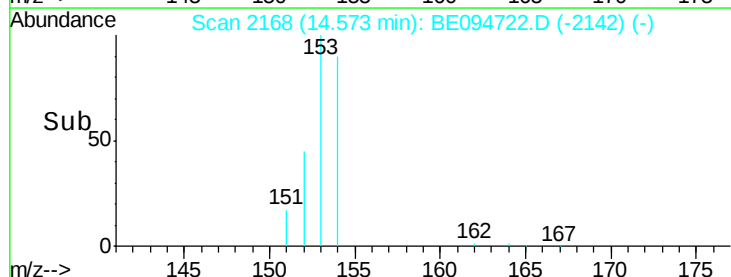
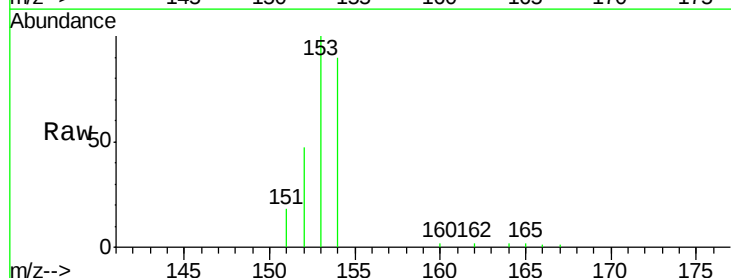
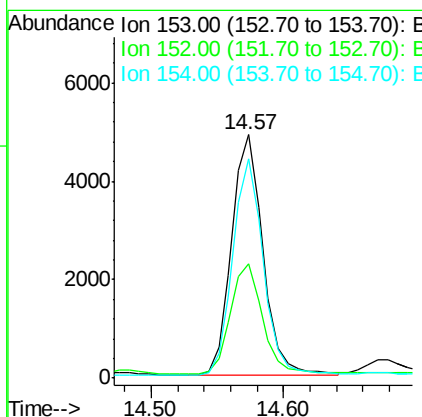
RT: 14.57 min Scan# 2168

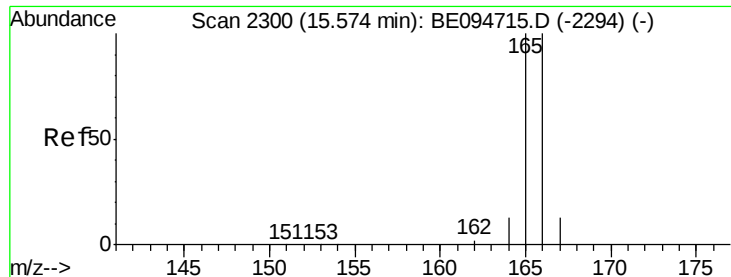
Delta R.T. -0.01 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Tgt Ion:	153	Resp:	8037
Ion Ratio	Lower	Upper	
153	100		
152	46.7	36.0	54.0
154	89.9	72.0	108.0





#9

Fluorene

Concen: 0.546 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Instrument :

BNA_E

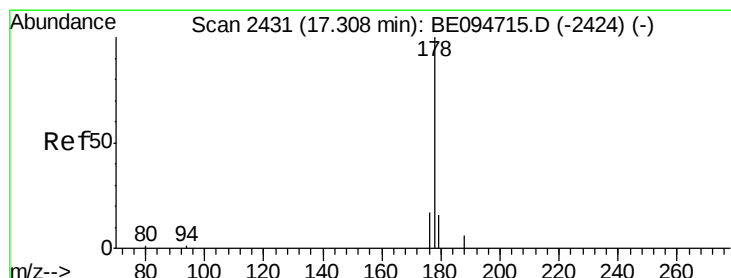
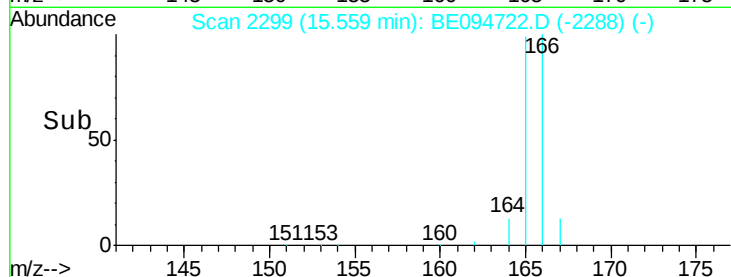
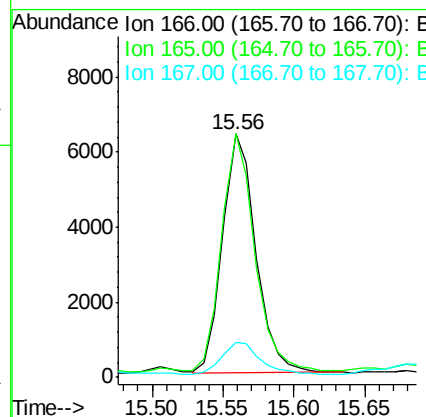
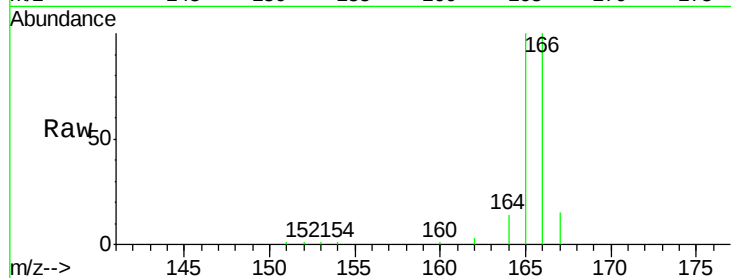
ClientSampleId :

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Tgt Ion:	166	Resp:	10386
Ion Ratio	Lower	Upper	
166	100		
165	99.9	73.4	110.2
167	14.6	14.6	22.0#

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#12

Phenanthrene

Concen: 5.033 ng/ul

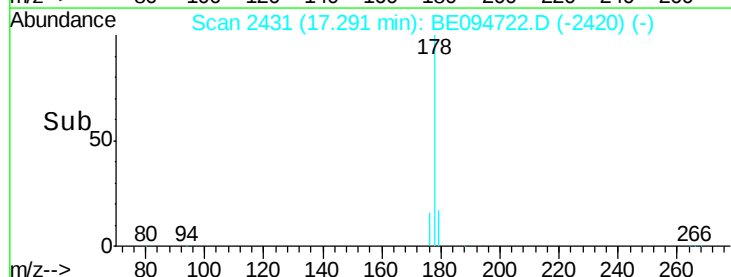
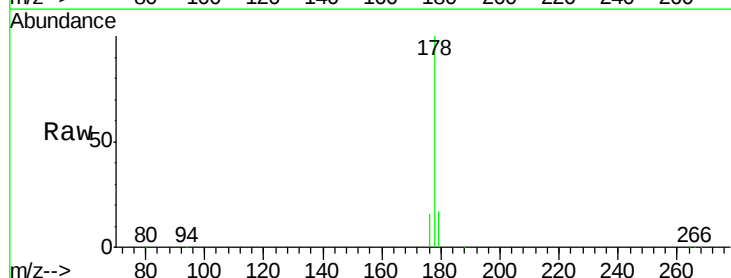
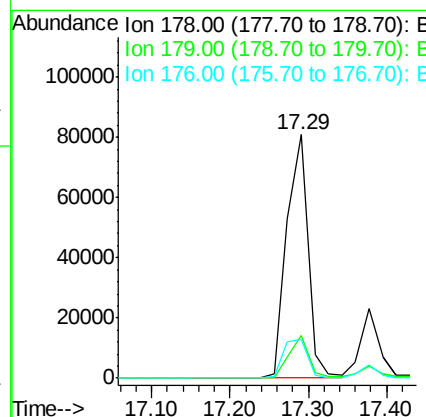
RT: 17.29 min Scan# 2431

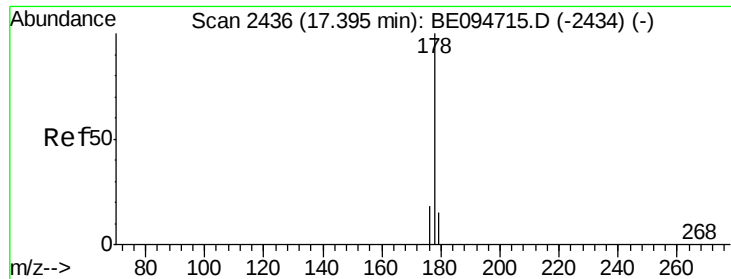
Delta R.T. -0.02 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Tgt Ion:	178	Resp:	150049
Ion Ratio	Lower	Upper	
178	100		
179	17.4	18.4	27.6#
176	16.0	13.6	20.4





#13

Anthracene

Concen: 1.294 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Instrument :

BNA_E

ClientSampled :

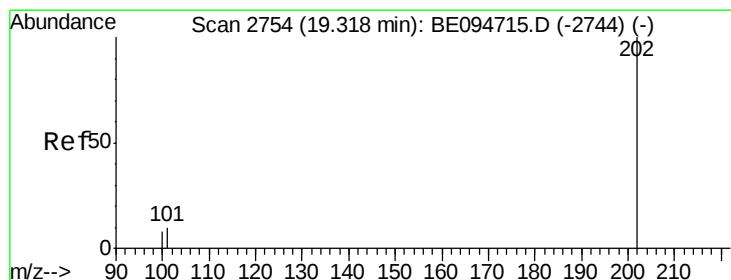
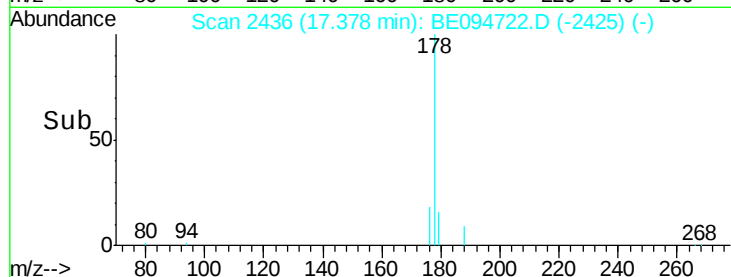
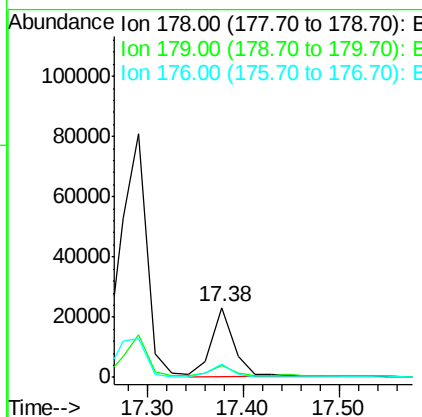
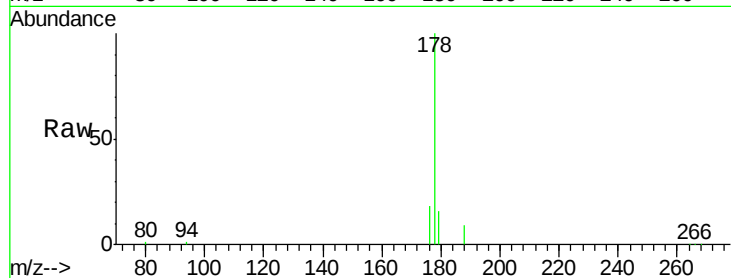
B-14(0-1)-101717

Tgt Ion:178 Resp: 38085

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.1	27.1#
176	18.1	14.7	22.1

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#15

Fluoranthene

Concen: 7.278 ng/ul

RT: 19.30 min Scan# 2752

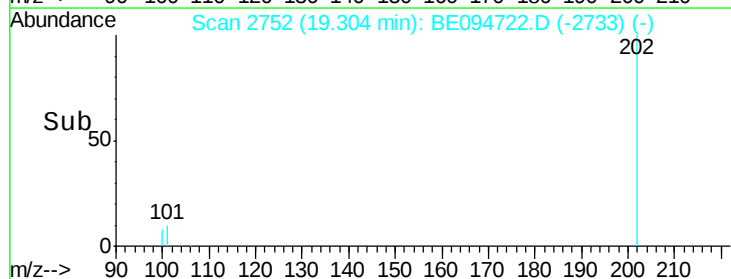
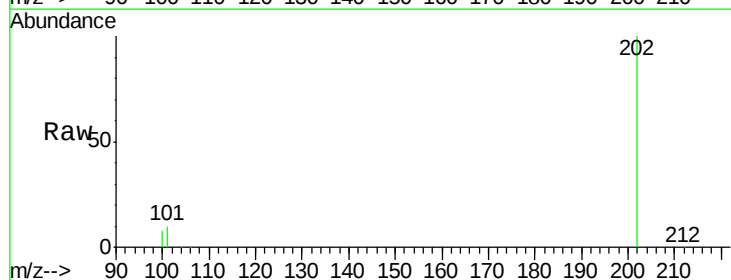
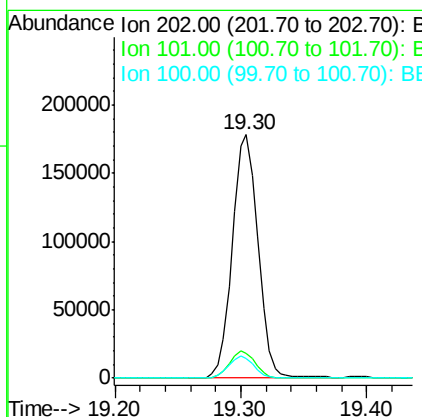
Delta R.T. -0.01 min

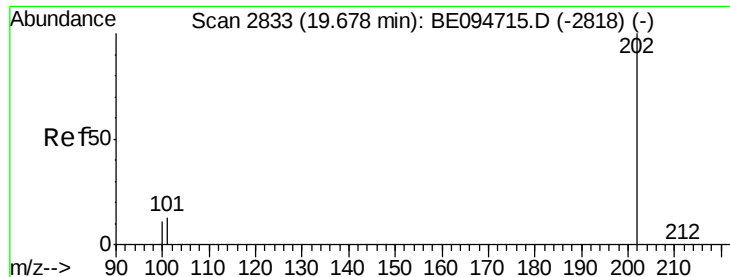
Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Tgt Ion:202 Resp: 250874

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
100	8.2	0.0	39.5





#17

Pyrene

Concen: 6.485 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Instrument :

BNA_E

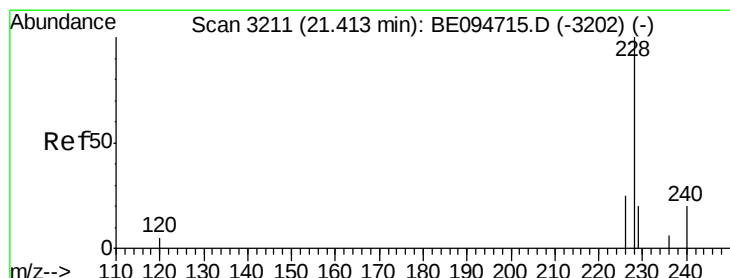
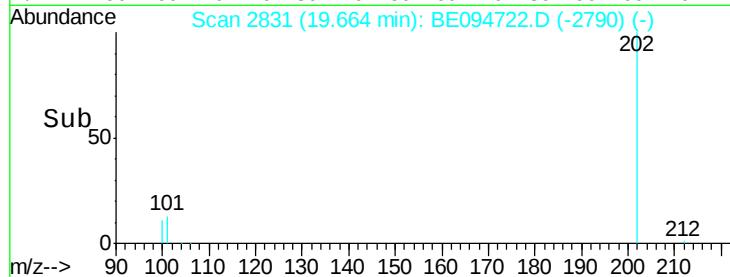
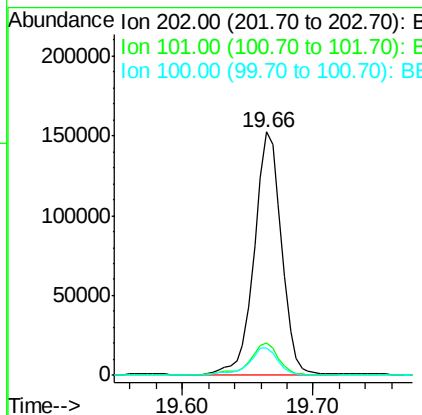
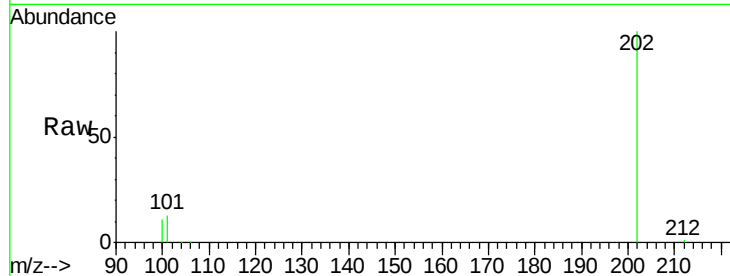
ClientSampleId :

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Tgt Ion:	202	Resp:	218696
Ion Ratio	Lower	Upper	
202	100		
101	13.2	18.2	27.4#
100	11.5	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 3.755 ng/ul

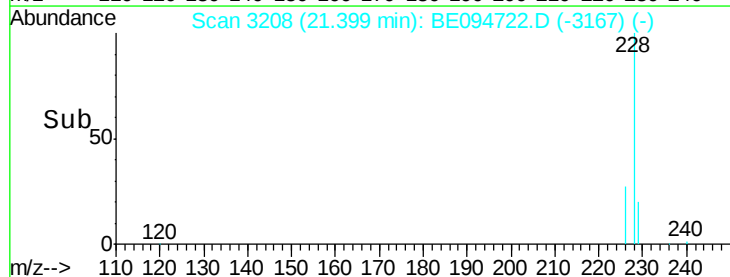
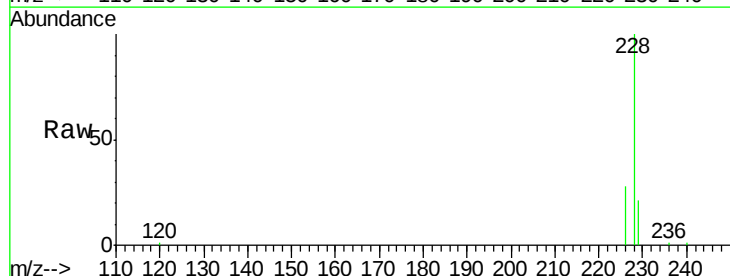
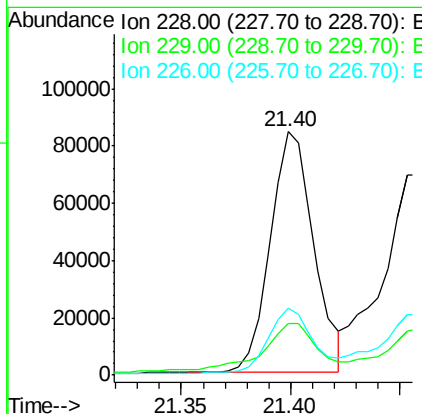
RT: 21.40 min Scan# 3208

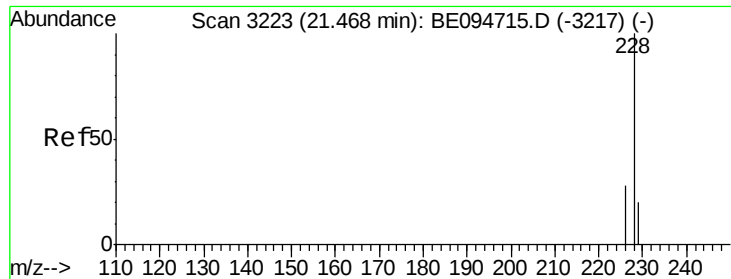
Delta R.T. -0.01 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Tgt Ion:	228	Resp:	117088
Ion Ratio	Lower	Upper	
228	100		
229	21.4	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 3.672 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Instrument :

BNA_E

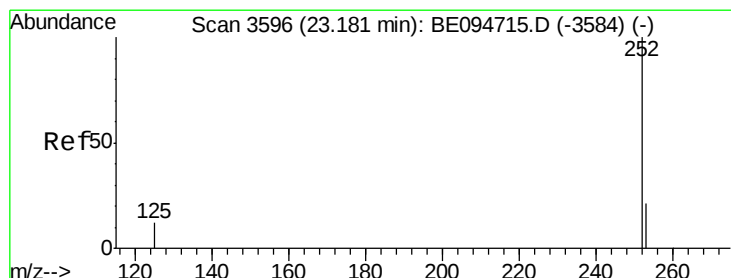
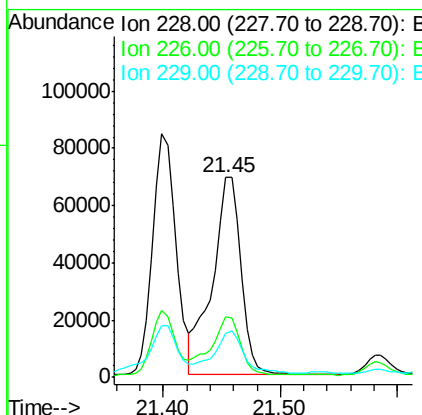
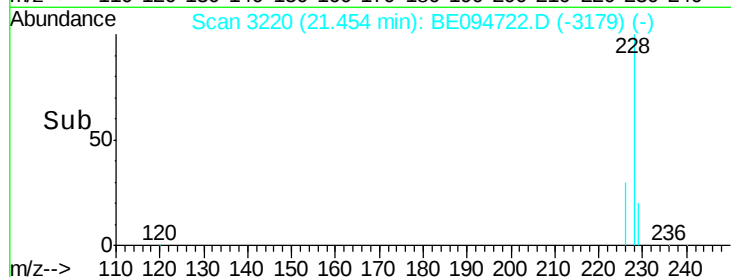
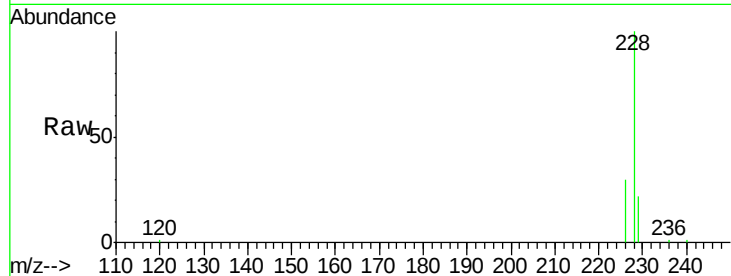
ClientSampleId :

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Tgt Ion:	228	Resp:	118365
Ion Ratio		Lower	Upper
228	100		
226	30.4	23.4	35.0
229	21.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.764 ng/ul m

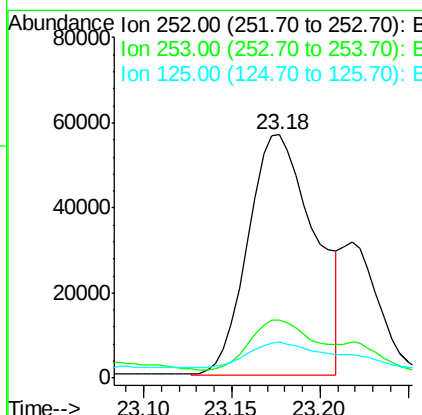
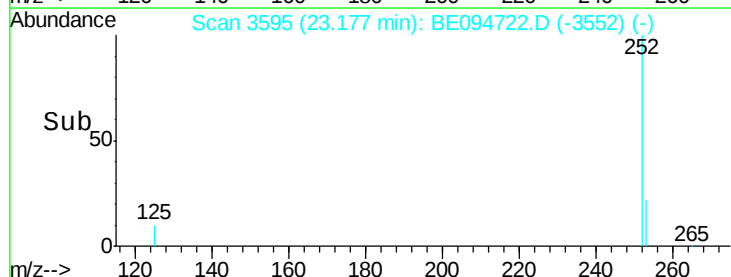
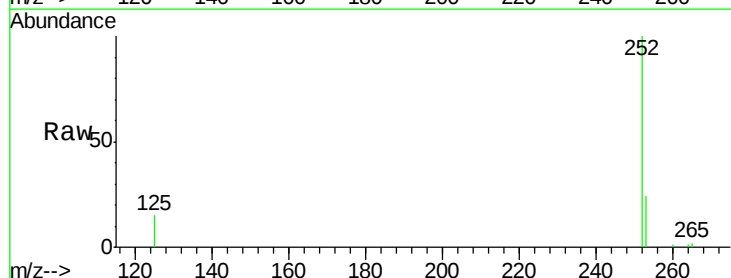
RT: 23.18 min Scan# 3595

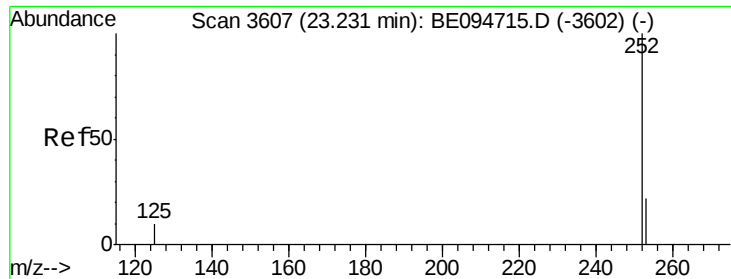
Delta R.T. -0.00 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Tgt Ion:	252	Resp:	148911
Ion Ratio		Lower	Upper
252	100		
253	24.0	0.0	64.2
125	14.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.390 ng/ul m

RT: 23.22 min Scan# 3604

Delta R.T. -0.01 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Instrument :

BNA_E

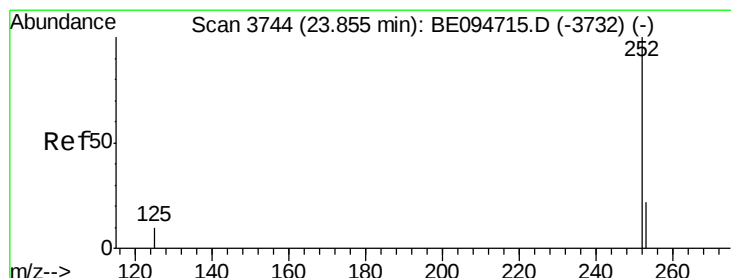
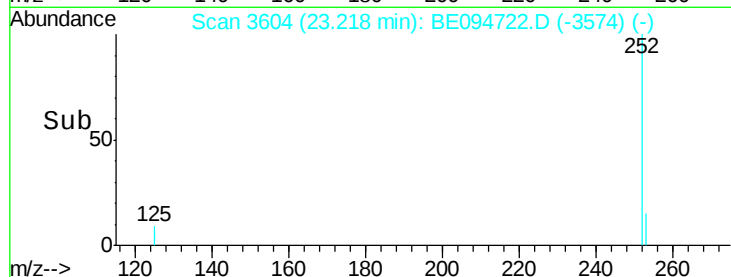
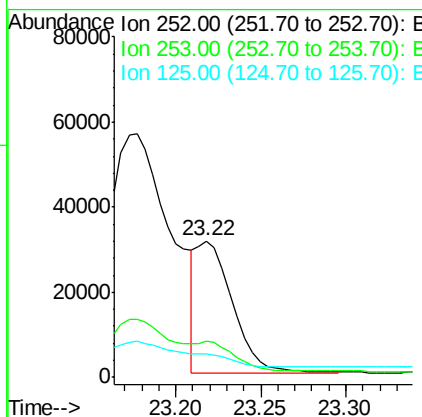
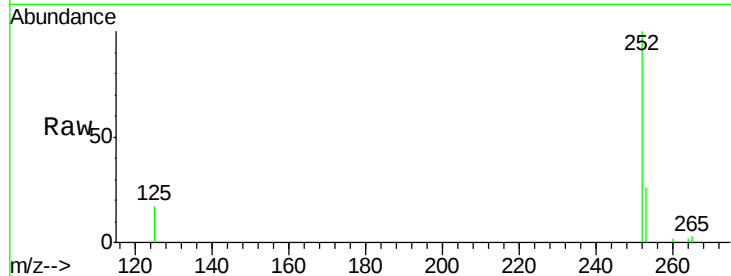
ClientSampleId :

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Tgt Ion:	252	Resp:	46567
Ion Ratio	Lower	Upper	
252	100		
253	26.1	24.5	36.7
125	17.3	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 3.223 ng/ul

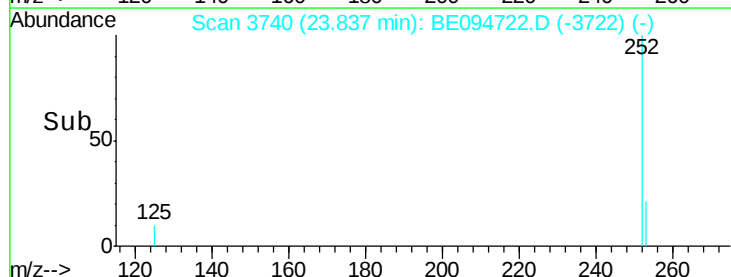
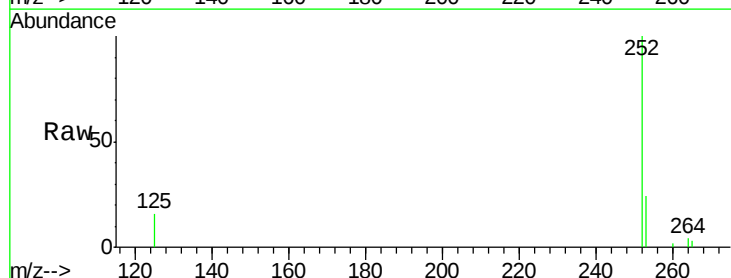
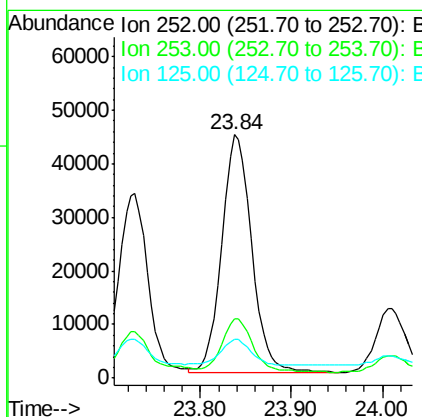
RT: 23.84 min Scan# 3740

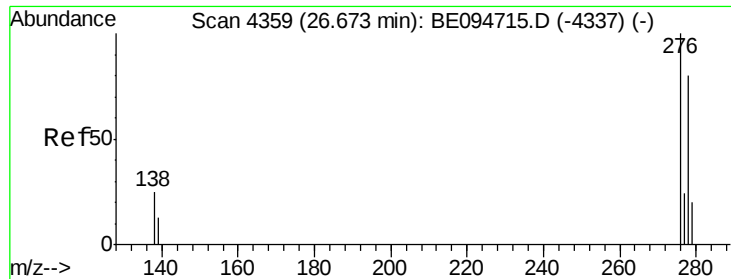
Delta R.T. -0.02 min

Lab File: BE094722.D

Acq: 3 Nov 2017 23:54

Tgt Ion:	252	Resp:	100715
Ion Ratio	Lower	Upper	
252	100		
253	24.4	28.5	42.7#
125	15.9	18.1	27.1#





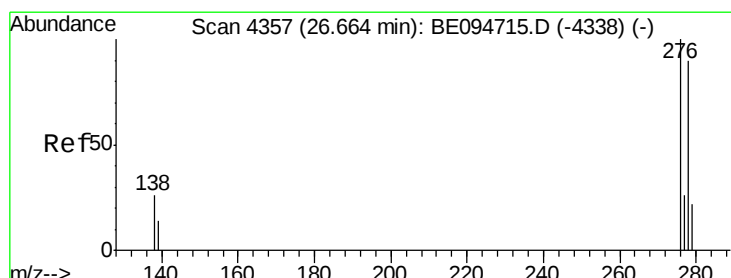
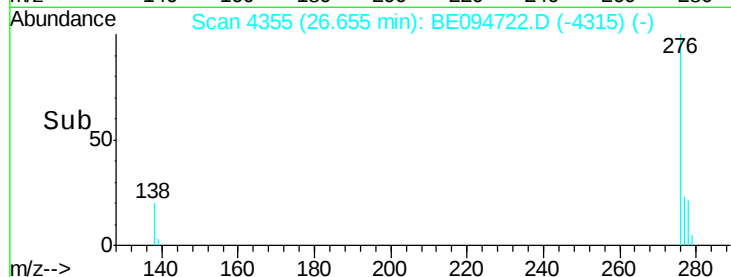
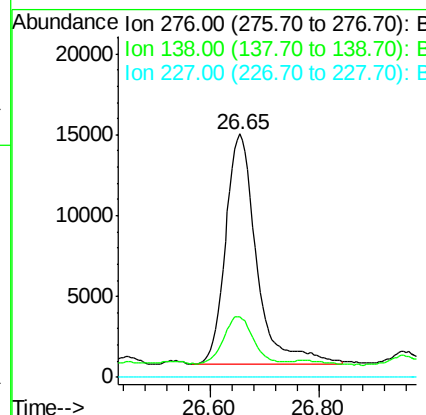
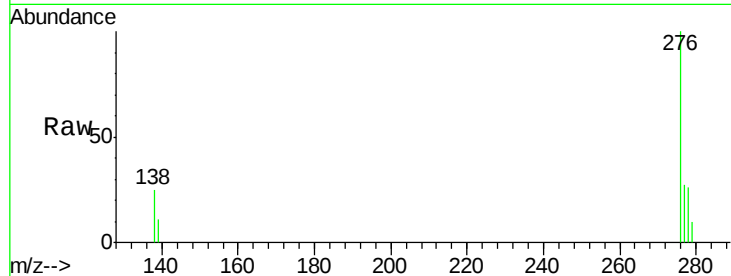
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.747 ng/u1
 RT: 26.65 min Scan# 4355
 Delta R.T. -0.02 min
 Lab File: BE094722.D
 Acq: 3 Nov 2017 23:54

Instrument :
 BNA_E
 ClientSampleId :
 B-14(0-1)-101717

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	28.0	42.0#
227	0.0	8.0	12.0#

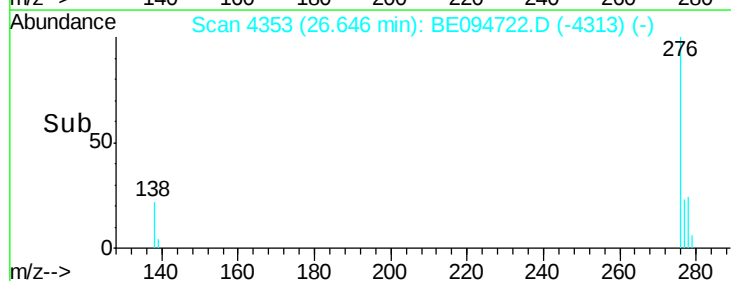
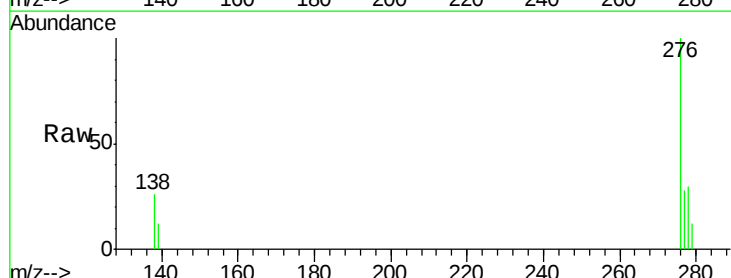
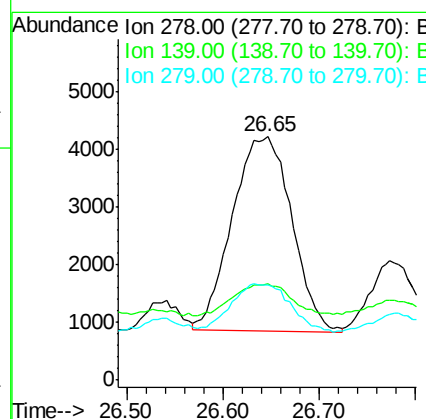
Manual Integrations
 APPROVED

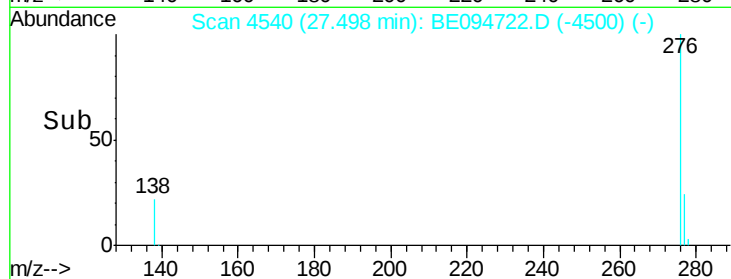
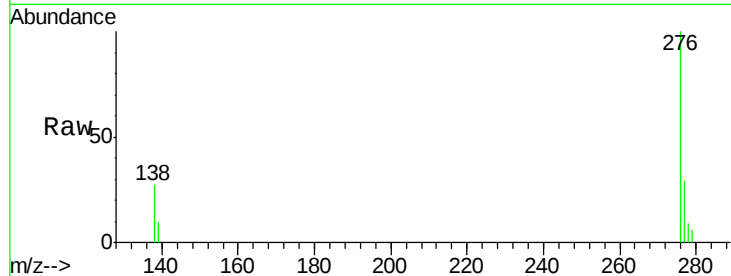
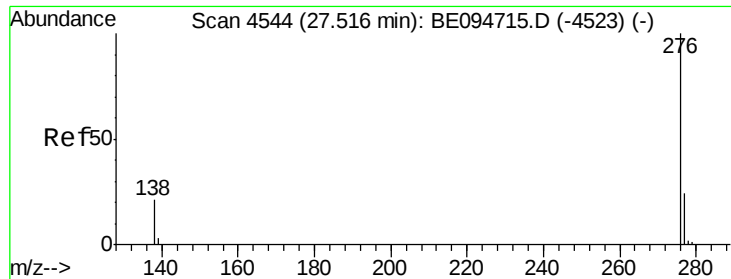
Sohil
 11/4/2017 2:16:50 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.528 ng/u1
 RT: 26.65 min Scan# 4353
 Delta R.T. -0.02 min
 Lab File: BE094722.D
 Acq: 3 Nov 2017 23:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.5	17.4	26.0#
279	38.9	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 1.850 ng/ul
RT: 27.50 min Scan# 4540
Delta R.T. -0.02 min
Lab File: BE094722.D
Acq: 3 Nov 2017 23:54

Instrument :
BNA_E
ClientSampleId :
B-14(0-1)-101717

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.3	21.8	32.8
277	28.8	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/4/2017 2:16:50 PM

