

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094550.D
 Acq On : 26 Oct 2017 1:36
 Operator : SJ/JU
 Sample : I5747-03 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-22(0-1)-100617

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:56:37 AM

Quant Time: Oct 26 13:27:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1510	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8504	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4733	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10918	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10645	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10271	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	507	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1172	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	12648	0.608	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	4678	0.322	ng/ul	98
7) Acenaphthylene	14.24	152	4007	0.187	ng/ul	100
8) Acenaphthene	14.57	153	1891	0.123	ng/ul	94
9) Fluorene	15.57	166	1946	0.113	ng/ul	92
12) Phenanthrene	17.29	178	47176	1.636	ng/ul#	90
13) Anthracene	17.38	178	10228	0.359	ng/ul#	92
15) Fluoranthene	19.31	202	110801	3.323	ng/ul	84
17) Pyrene	19.67	202	106758	3.244	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	57818	1.900	ng/ul#	87
19) Chrysene	21.46	228	63480	2.018	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	97475m	3.374	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	31875m	1.030	ng/ul	
23) Benzo(a)pyrene	23.84	252	65122	2.255	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.65	276	51244	1.715	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	12740	0.506	ng/ul#	87
26) Benzo(g,h,i)perylene	27.48	276	41925	1.747	ng/ul	97

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

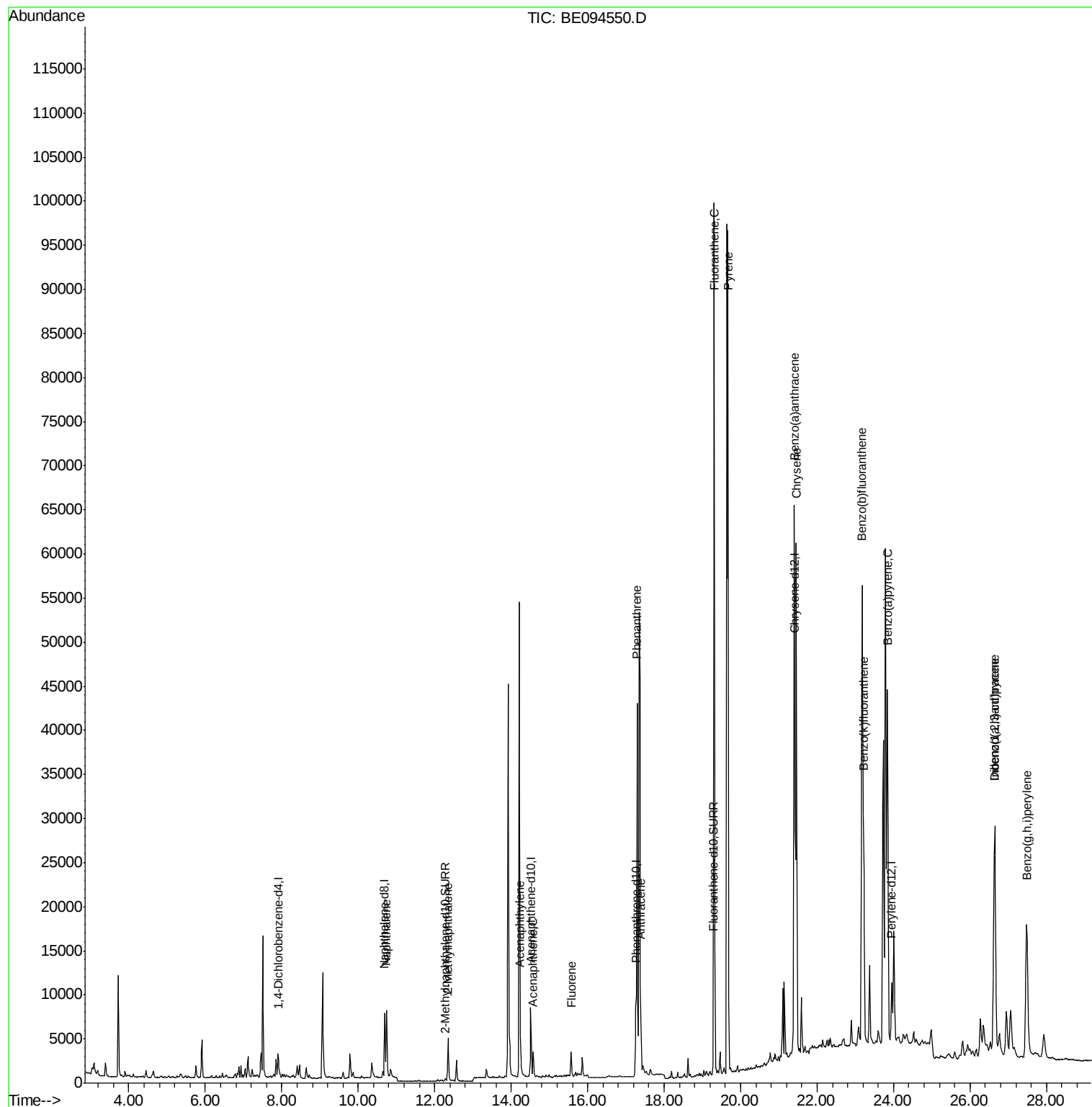
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
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ALS Vial : 26 Sample Multiplier: 1

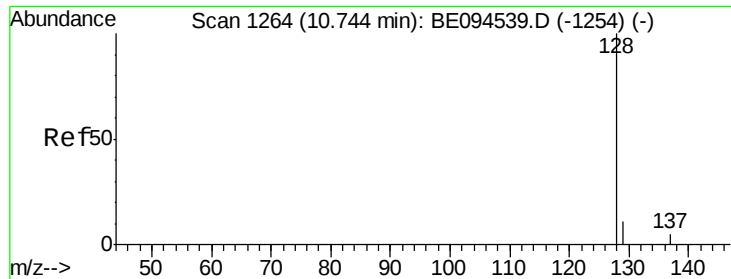
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#3

Naphthalene

Concen: 0.608 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

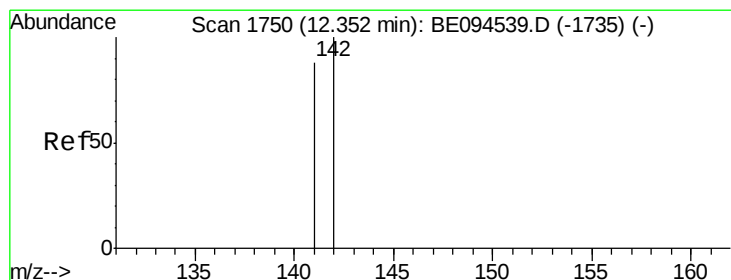
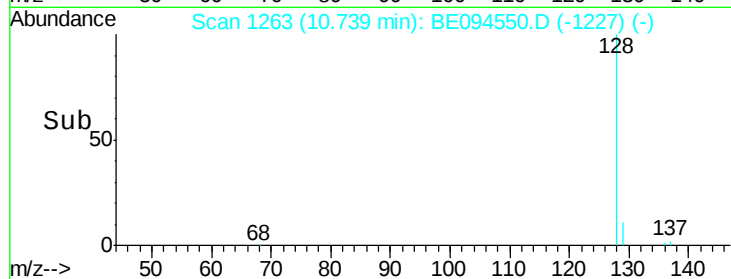
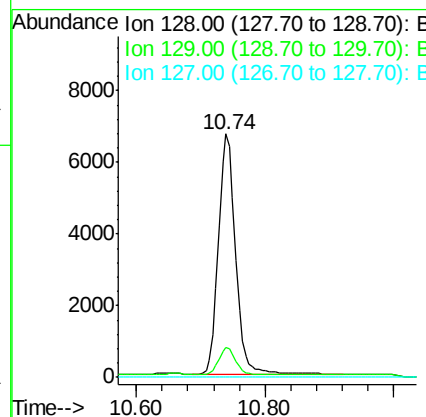
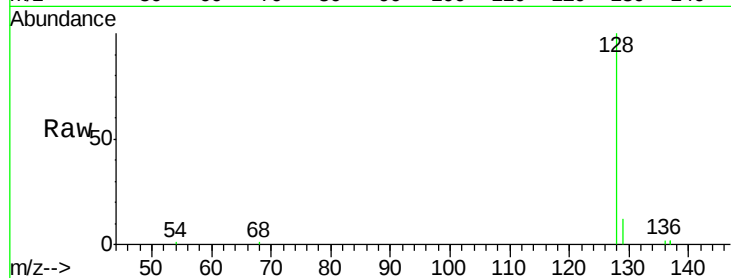
ClientSampleId :

B-22(0-1)-100617

Tgt Ion:	128	Resp:	12648
Ion Ratio	Lower	Upper	
128	100		
129	12.3	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.322 ng/ul

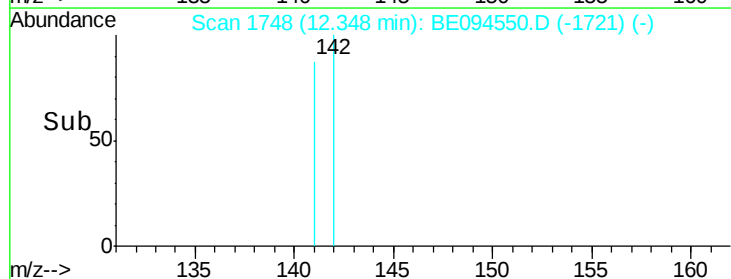
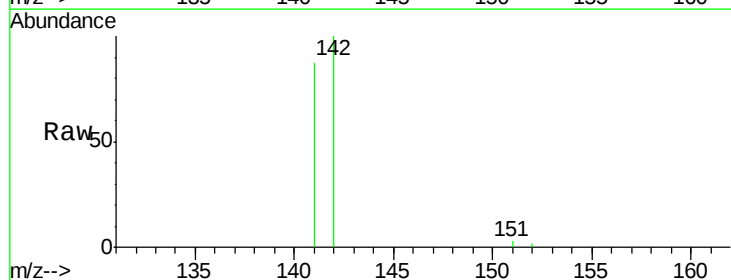
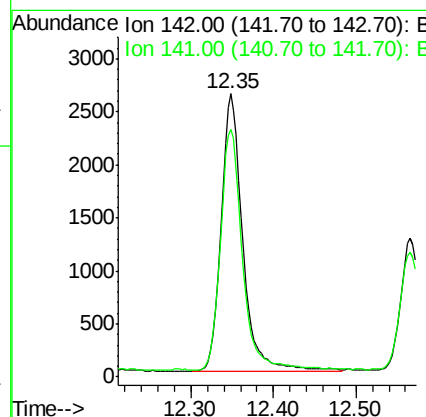
RT: 12.35 min Scan# 1748

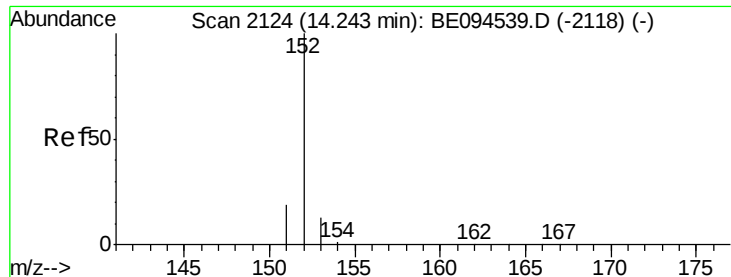
Delta R.T. -0.02 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Tgt Ion:	142	Resp:	4678
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.187 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

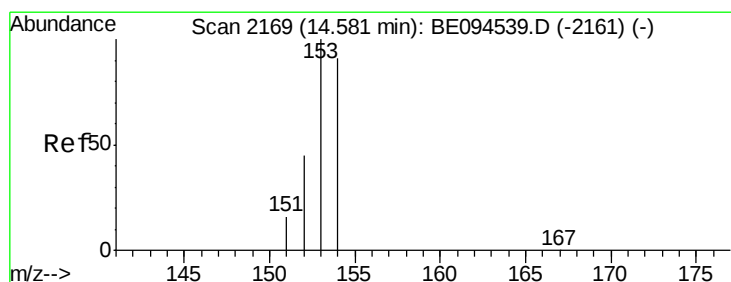
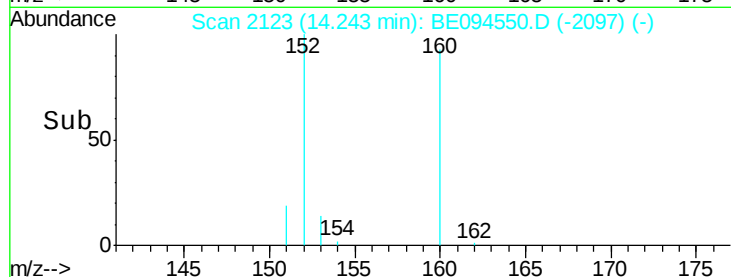
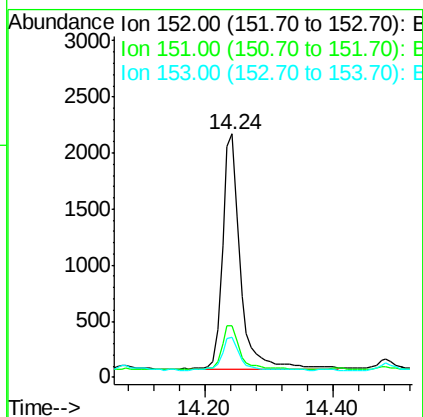
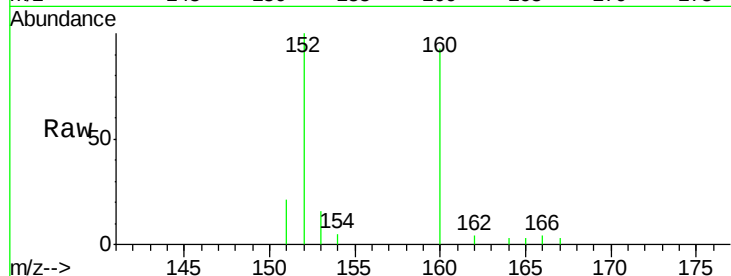
ClientSampleId :

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Tgt Ion:	152	Resp:	4007
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	16.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.123 ng/ul

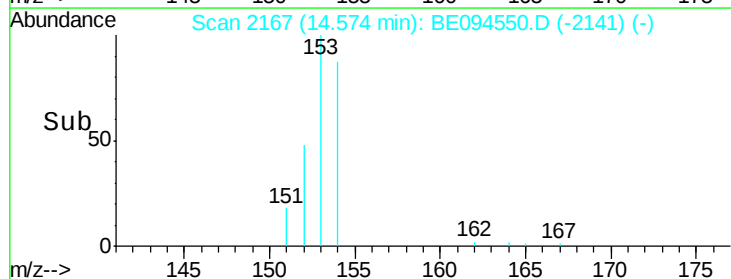
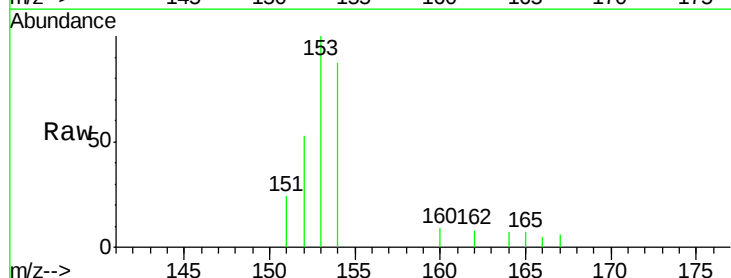
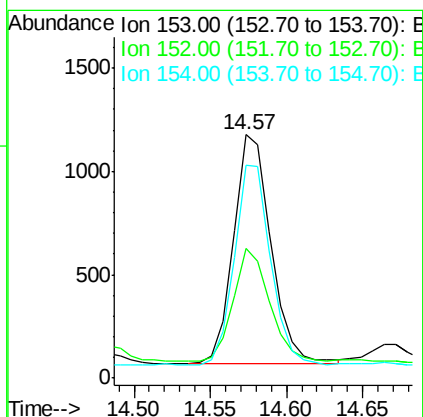
RT: 14.57 min Scan# 2167

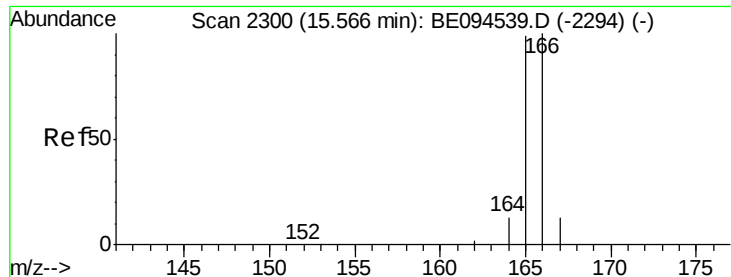
Delta R.T. -0.01 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Tgt Ion:	153	Resp:	1891
Ion Ratio	Lower	Upper	
153	100		
152	53.1	36.0	54.0
154	87.4	72.0	108.0





#9

Fluorene

Concen: 0.113 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

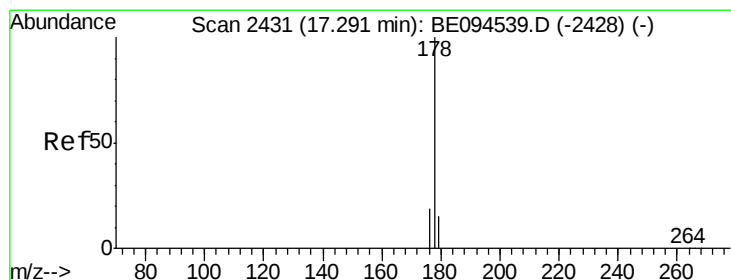
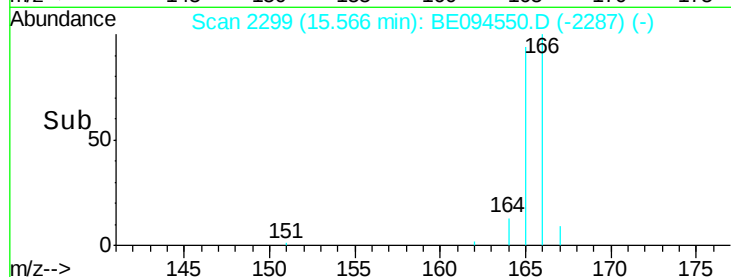
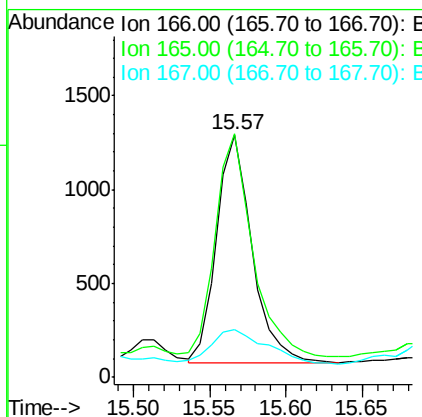
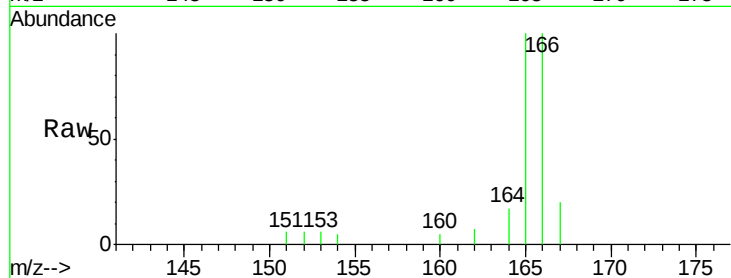
ClientSampleId :

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Tgt Ion:	166	Resp:	1946
Ion Ratio	Lower	Upper	
166	100		
165	100.5	73.4	110.2
167	19.9	14.6	22.0

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#12

Phenanthrene

Concen: 1.636 ng/ul

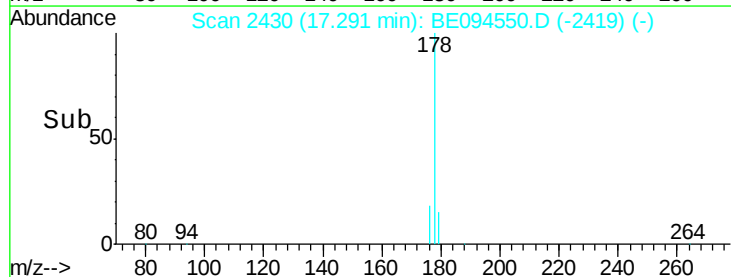
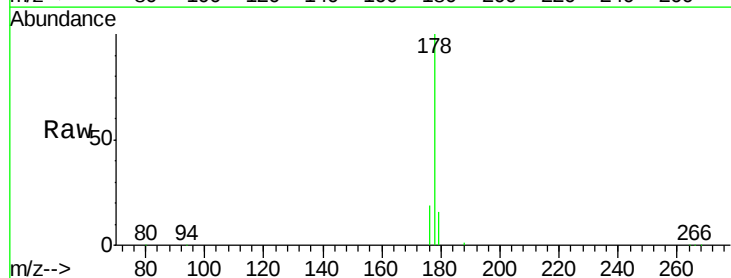
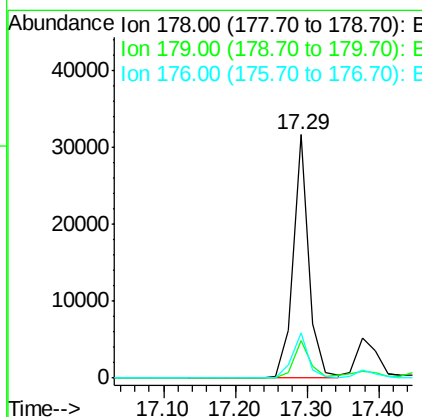
RT: 17.29 min Scan# 2430

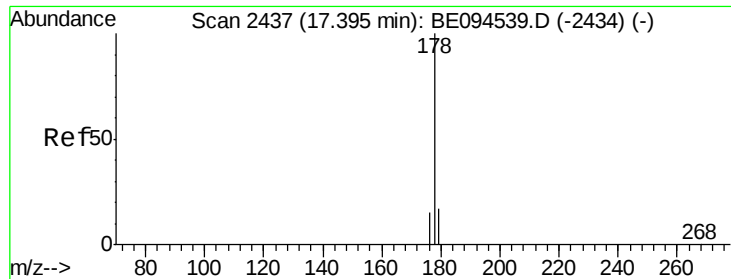
Delta R.T. -0.02 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Tgt Ion:	178	Resp:	47176
Ion Ratio	Lower	Upper	
178	100		
179	15.6	18.4	27.6#
176	18.7	13.6	20.4





#13

Anthracene

Concen: 0.359 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

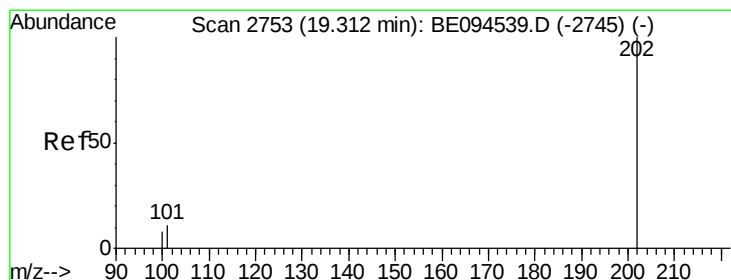
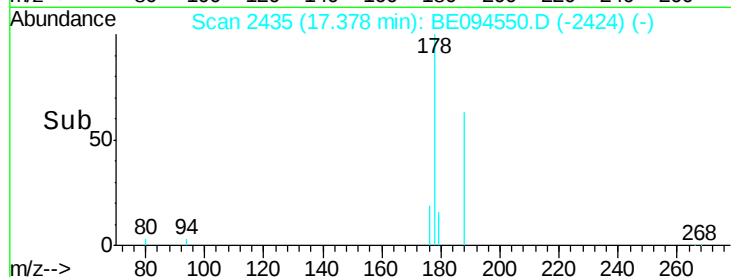
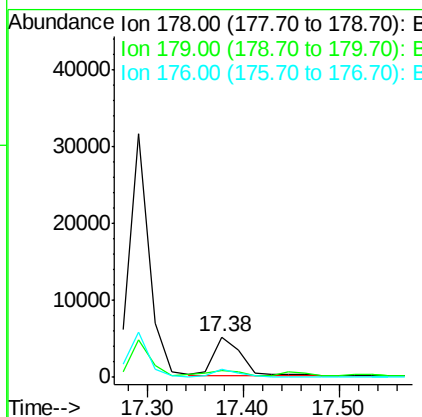
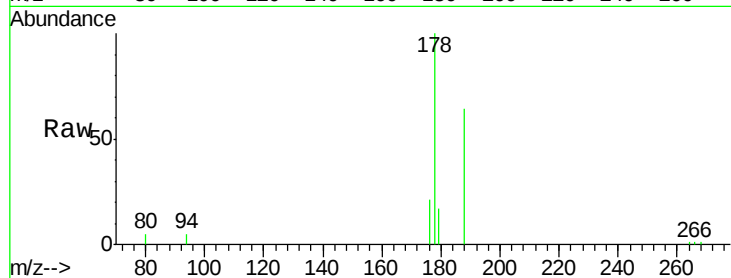
ClientSampleId :

B-22(0-1)-100617

Tgt Ion:	178	Resp:	10228
Ion Ratio	Lower	Upper	
178	100		
179	17.4	18.1	27.1#
176	20.7	14.7	22.1

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#15

Fluoranthene

Concen: 3.323 ng/ul

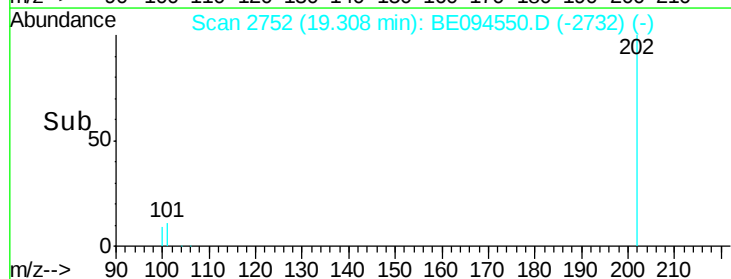
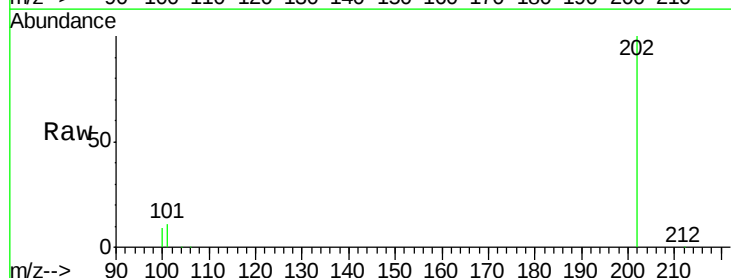
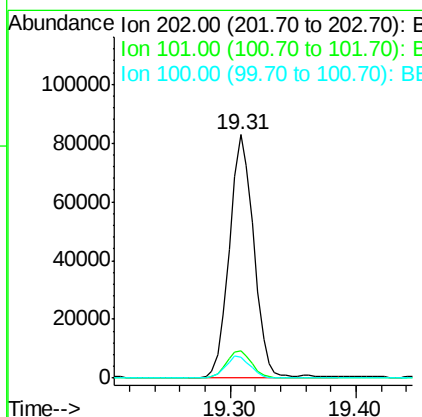
RT: 19.31 min Scan# 2752

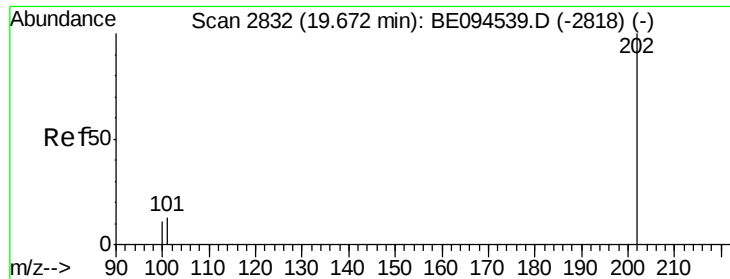
Delta R.T. -0.01 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Tgt Ion:	202	Resp:	110801
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.3
100	8.8	0.0	39.5





#17

Pyrene

Concen: 3.244 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

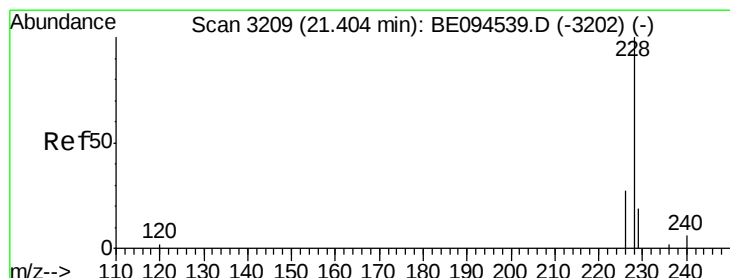
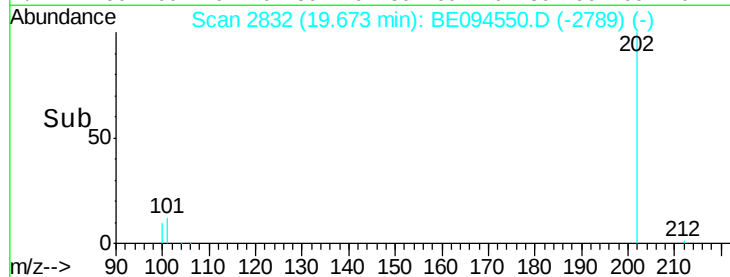
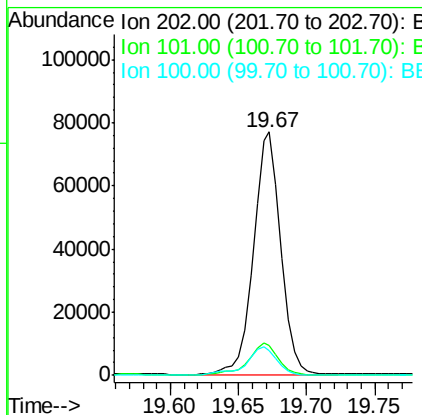
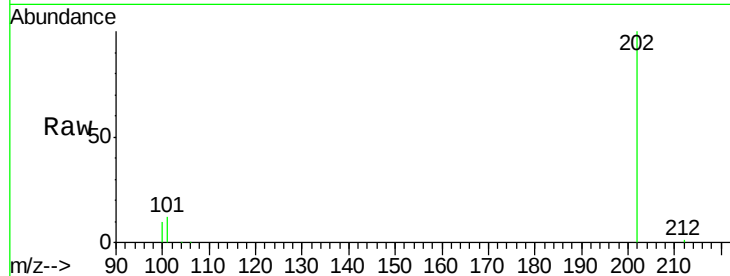
ClientSampleId :

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Tgt Ion:	202	Resp:	106758
Ion Ratio	Lower	Upper	
202	100		
101	12.4	18.2	27.4#
100	10.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.900 ng/ul

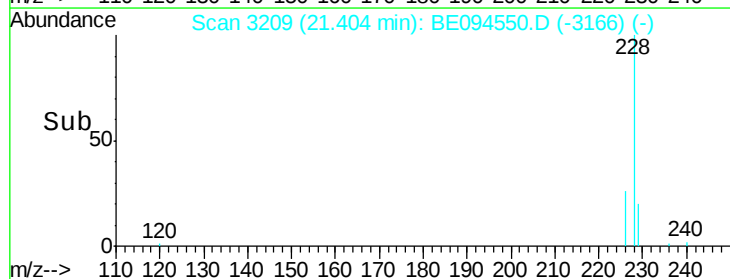
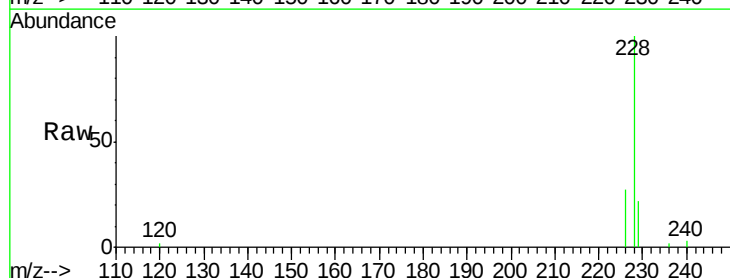
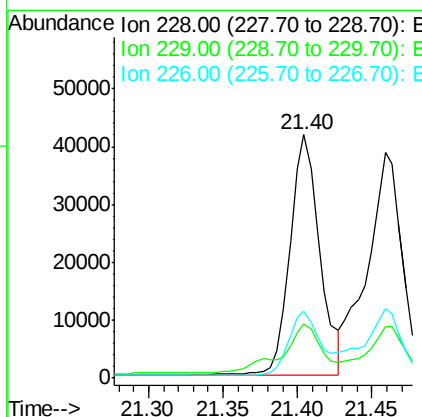
RT: 21.40 min Scan# 3209

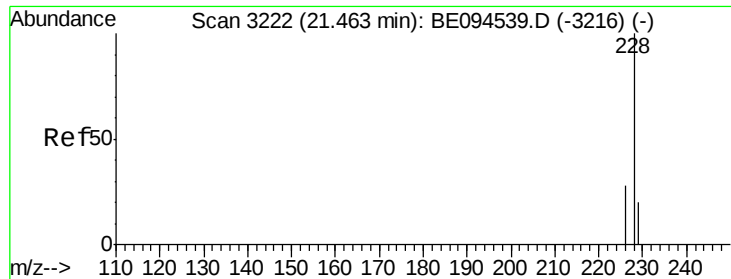
Delta R.T. -0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Tgt Ion:	228	Resp:	57818
Ion Ratio	Lower	Upper	
228	100		
229	22.0	22.8	34.2#
226	27.5	17.0	25.6#





#19

Chrysene

Concen: 2.018 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

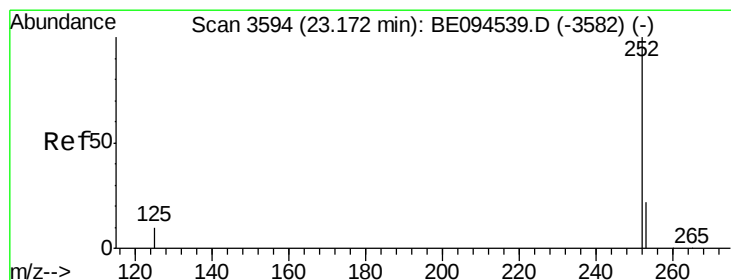
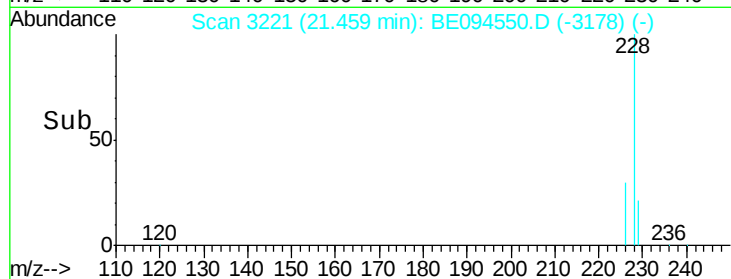
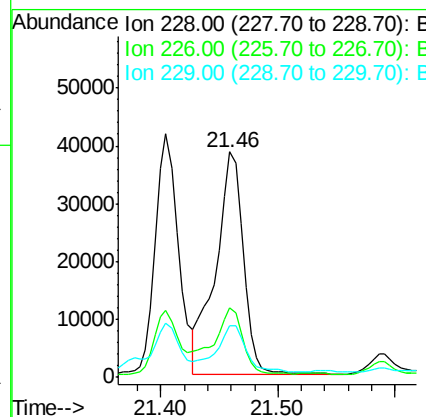
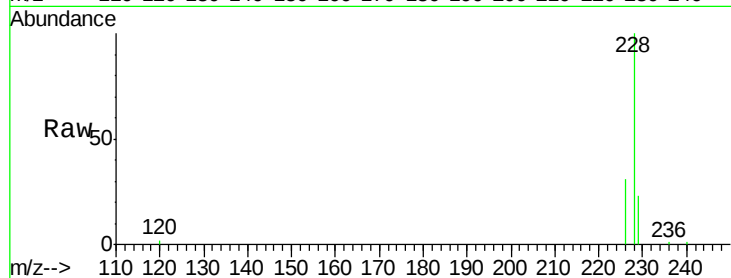
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Tgt Ion:	228	Resp:	63480
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.0
229	22.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.374 ng/ul m

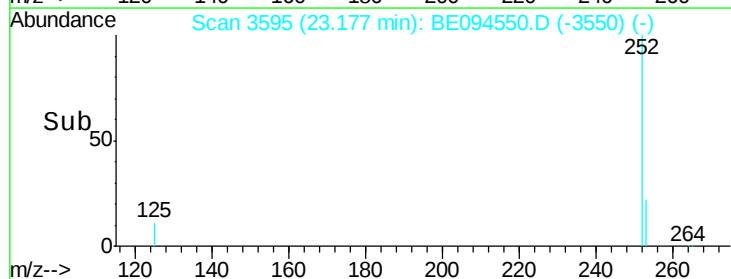
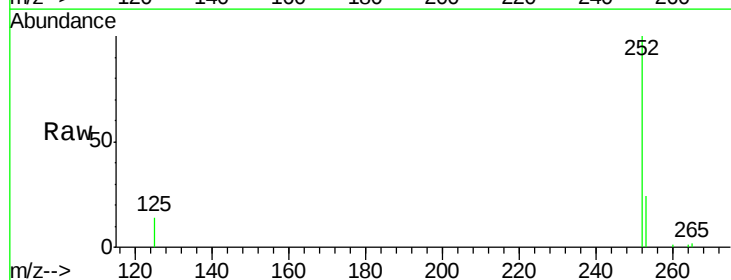
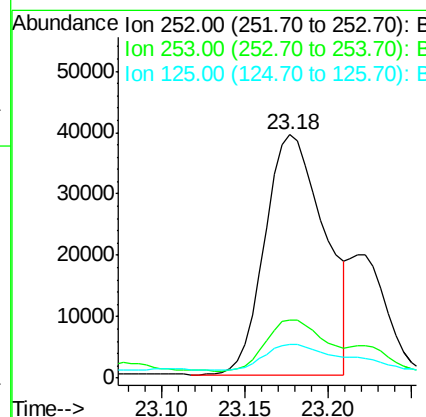
RT: 23.18 min Scan# 3595

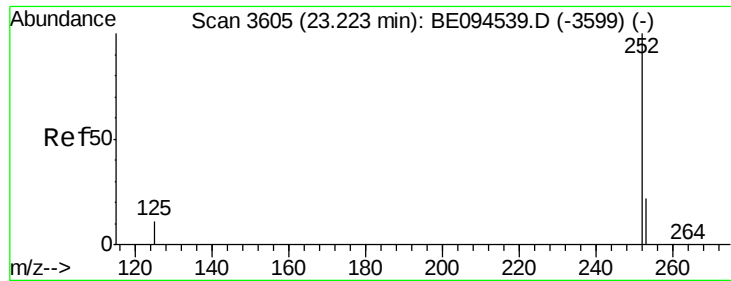
Delta R.T. 0.01 min

Lab File: BE094550.D

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Tgt Ion:	252	Resp:	97475
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	64.2
125	14.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.030 ng/ul m

RT: 23.22 min Scan# 3604

Delta R.T. -0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Instrument :

BNA_E

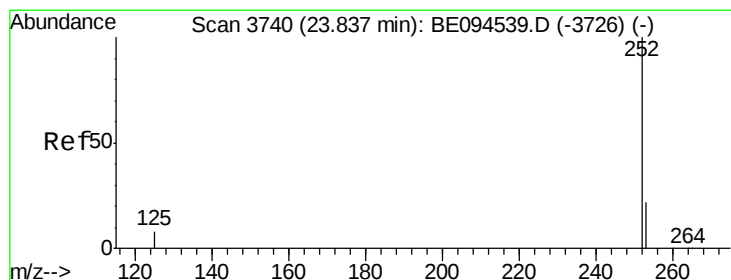
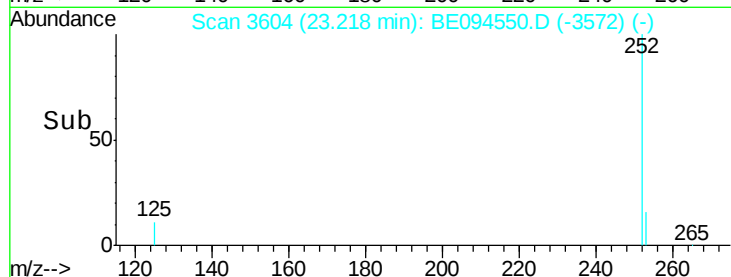
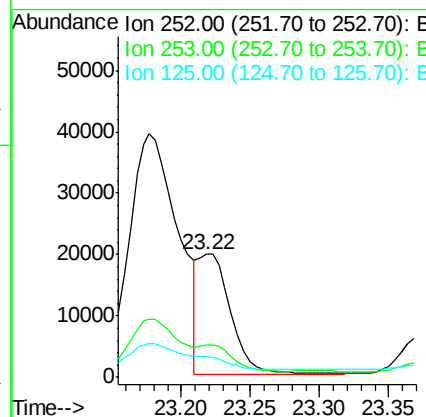
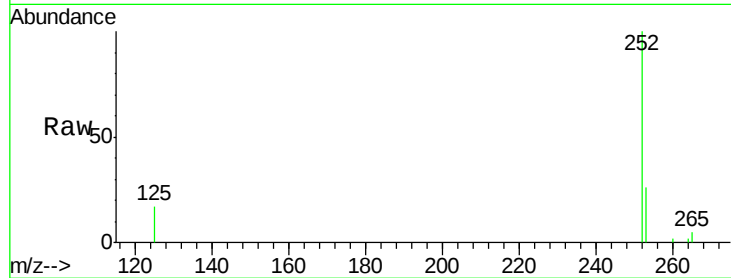
ClientSampleId :

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Tgt Ion:	252	Resp:	31875
Ion Ratio	Lower	Upper	
252	100		
253	26.4	24.5	36.7
125	16.9	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 2.255 ng/ul

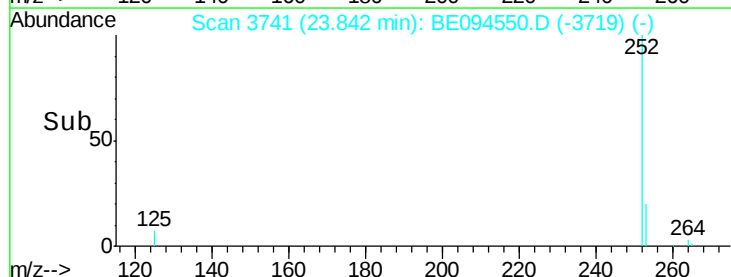
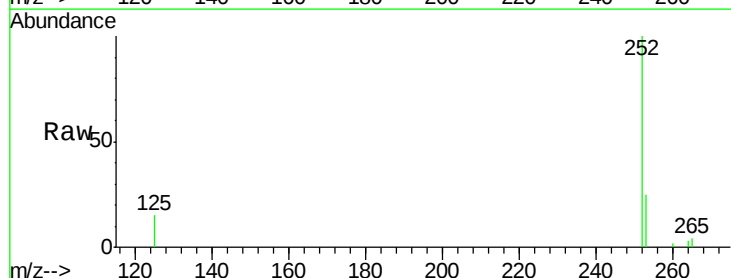
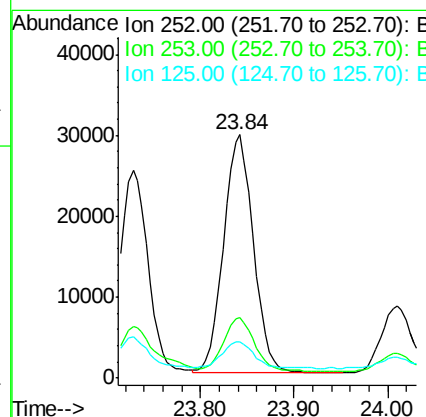
RT: 23.84 min Scan# 3741

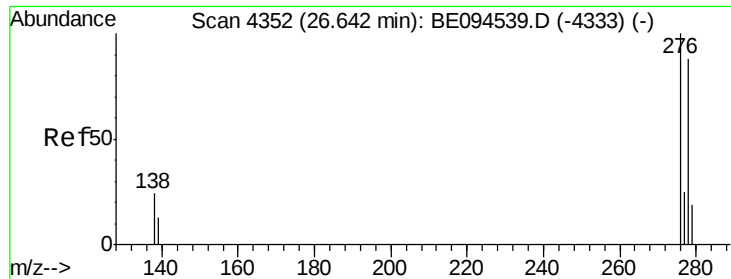
Delta R.T. 0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Tgt Ion:	252	Resp:	65122
Ion Ratio	Lower	Upper	
252	100		
253	24.9	28.5	42.7#
125	15.1	18.1	27.1#





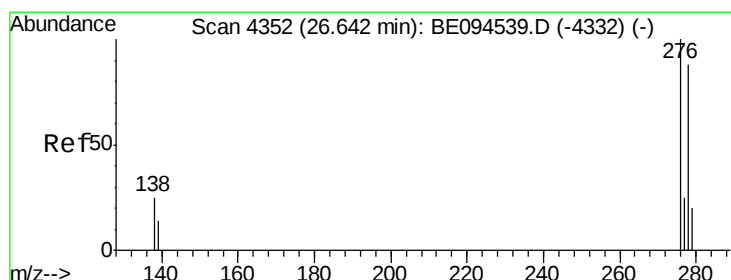
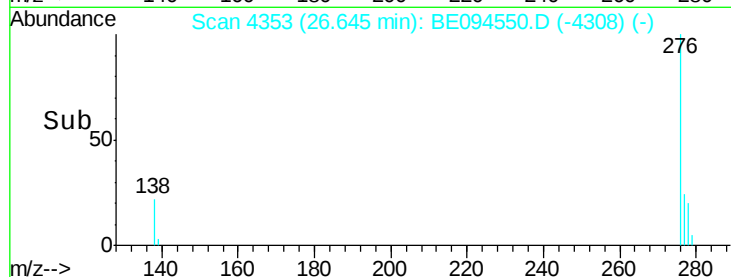
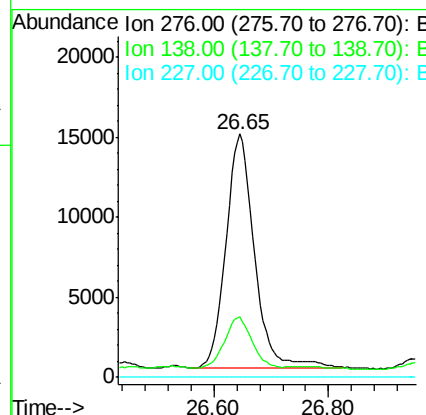
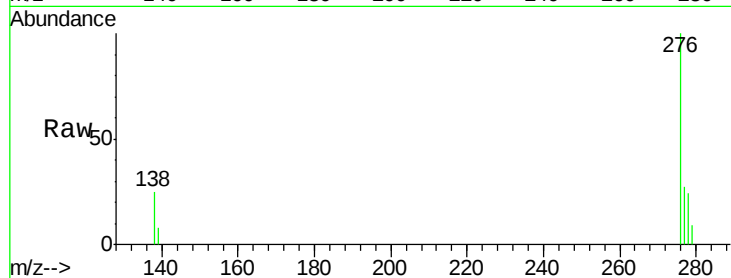
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.715 ng/ul
 RT: 26.65 min Scan# 4353
 Delta R.T. 0.00 min
 Lab File: BE094550.D
 Acq: 26 Oct 2017 1:36

Instrument :
 BNA_E
 ClientSampleId :
 B-22(0-1)-100617

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	28.0	42.0#
227	0.0	8.0	12.0#

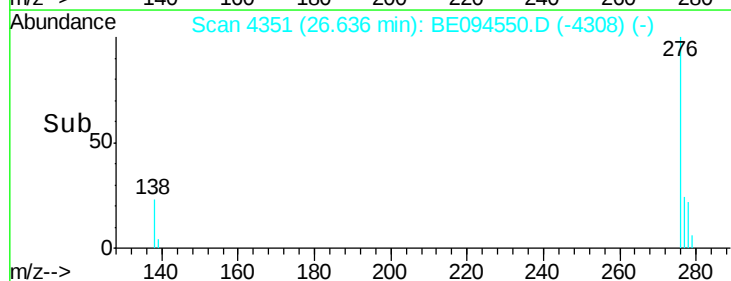
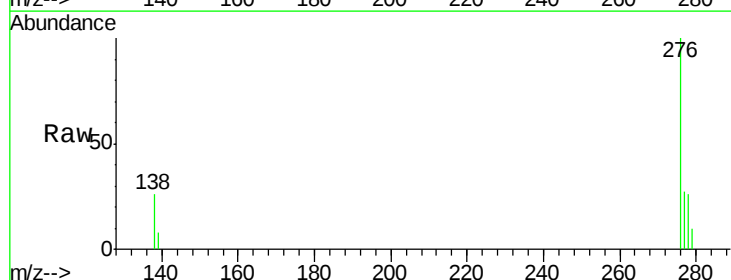
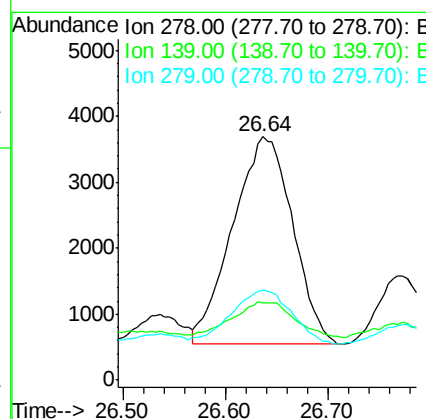
Manual Integrations
 APPROVED

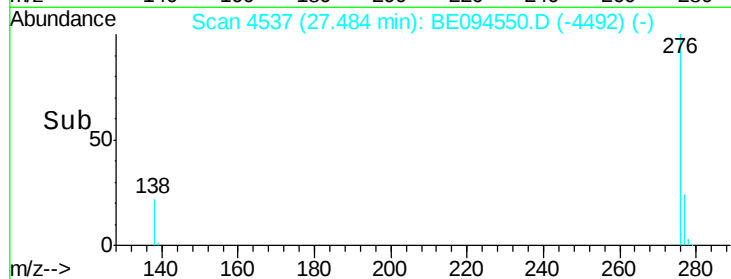
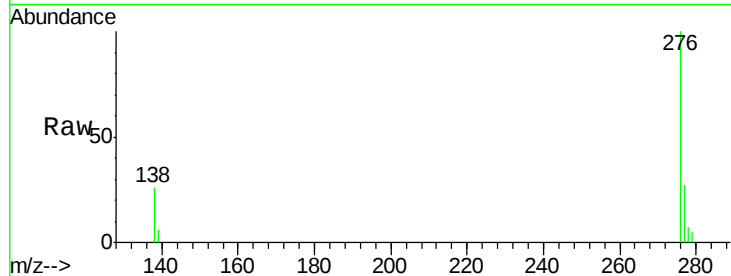
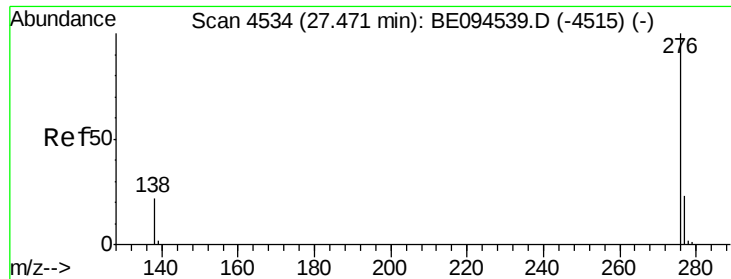
Sohil
 10/27/2017 8:56:37 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.506 ng/ul
 RT: 26.64 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: BE094550.D
 Acq: 26 Oct 2017 1:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.8	17.4	26.0#
279	37.0	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 1.747 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. 0.00 min

Lab File: BE094550.D

Acq: 26 Oct 2017 1:36

Tgt Ion:	276	Resp:	41925
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.8	32.8
277	27.4	20.5	30.7

Instrument :

BNA_E

ClientSampleId :

B-22(0-1)-100617

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:37 AM

