

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094545.D
 Acq On : 25 Oct 2017 22:34
 Operator : SJ/JU
 Sample : I5747-04 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-22(1-3)-100617

Manual Integrations
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 10/27/2017 8:56:28 AM

Quant Time: Oct 26 13:03:32 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	7.90	152	1442	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8176	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	4685	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10639	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10265	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10434	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	645	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1535	0.05	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.74	128	2227	0.111	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	645	0.046	ng/ul	97
7) Acenaphthylene	14.24	152	4503	0.212	ng/ul	99
8) Acenaphthene	14.58	153	785	0.052	ng/ul#	94
9) Fluorene	15.57	166	993	0.058	ng/ul#	88
12) Phenanthrene	17.29	178	23461	0.835	ng/ul#	89
13) Anthracene	17.38	178	7318	0.264	ng/ul#	91
15) Fluoranthene	19.31	202	91336	2.811	ng/ul	83
17) Pyrene	19.67	202	100202	3.158	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	65192	2.222	ng/ul#	87
19) Chrysene	21.46	228	59830	1.973	ng/ul	96
21) Benzo(b)fluoranthene	23.18	252	95763m	3.263	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	28228m	0.897	ng/ul	
23) Benzo(a)pyrene	23.85	252	69331	2.363	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.65	276	49048	1.616	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	10480	0.410	ng/ul#	71
26) Benzo(g,h,i)perylene	27.48	276	38477	1.578	ng/ul	96

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

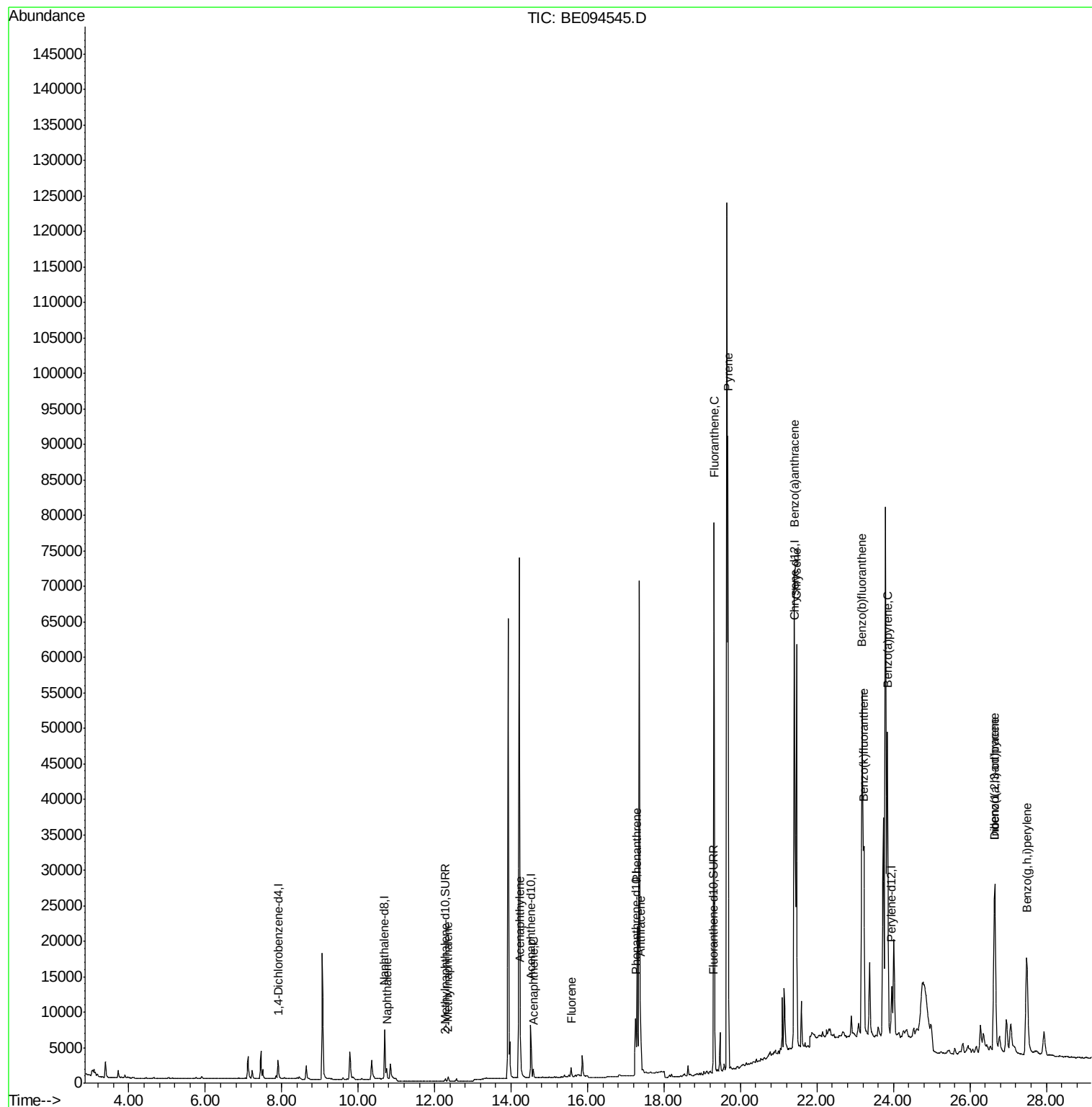
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094545.D
Acq On : 25 Oct 2017 22:34
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ALS Vial : 21 Sample Multiplier: 1

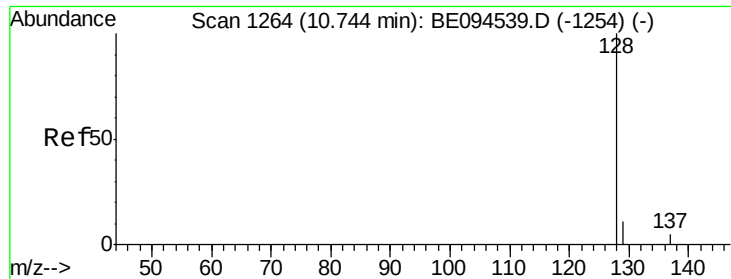
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.111 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Instrument :

BNA_E

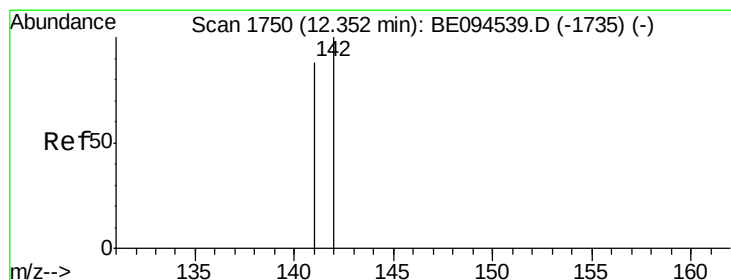
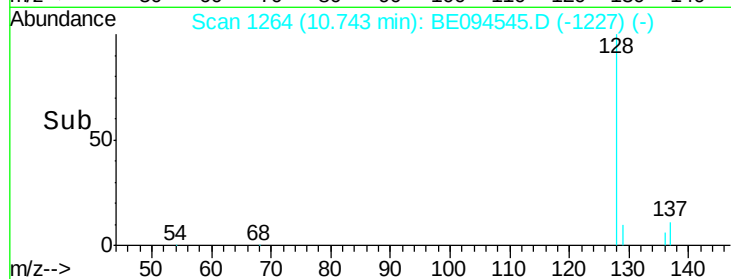
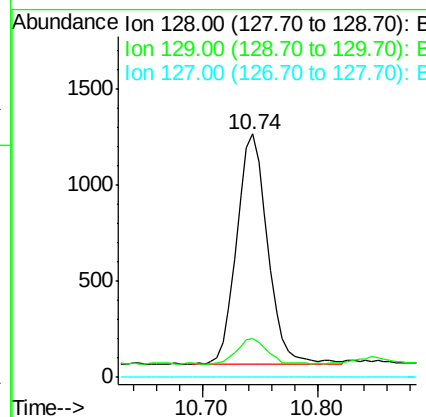
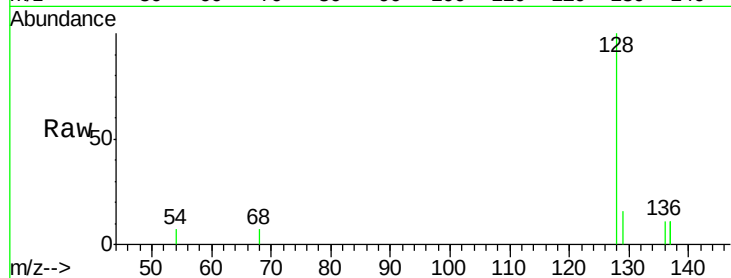
ClientSampleId :

B-22(1-3)-100617

Tgt Ion:	128	Resp:	2227
Ion Ratio	Lower	Upper	
128	100		
129	16.1	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.046 ng/ul

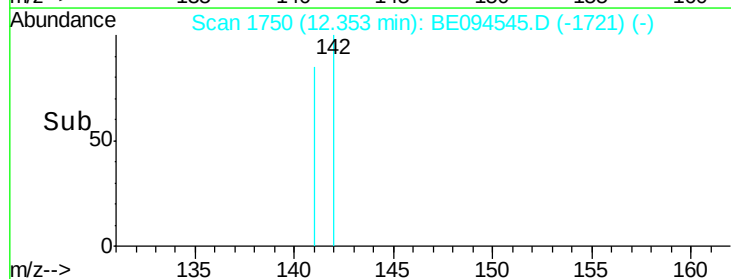
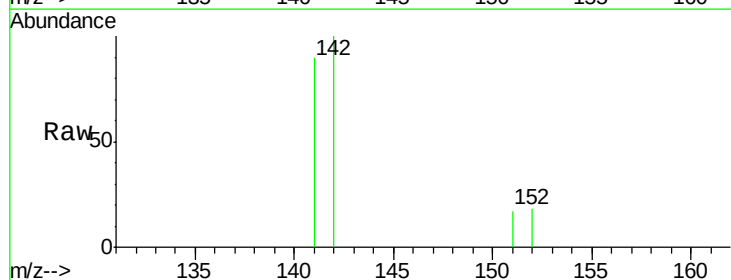
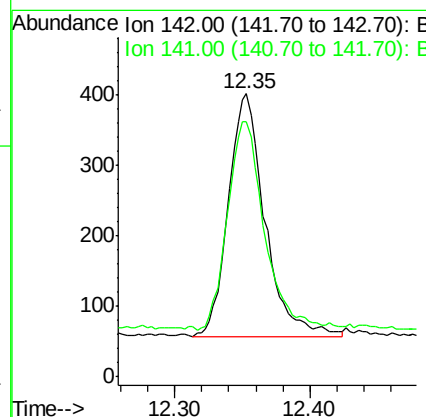
RT: 12.35 min Scan# 1750

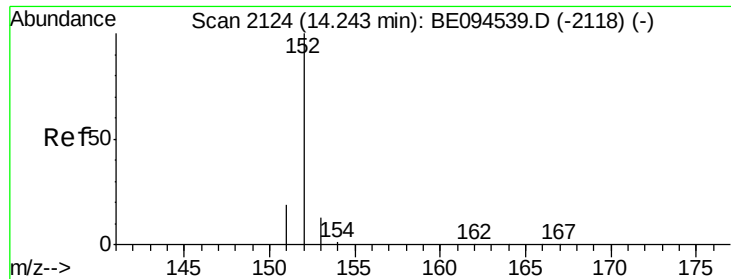
Delta R.T. -0.01 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Tgt Ion:	142	Resp:	645
Ion Ratio	Lower	Upper	
142	100		
141	87.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.212 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Instrument :

BNA_E

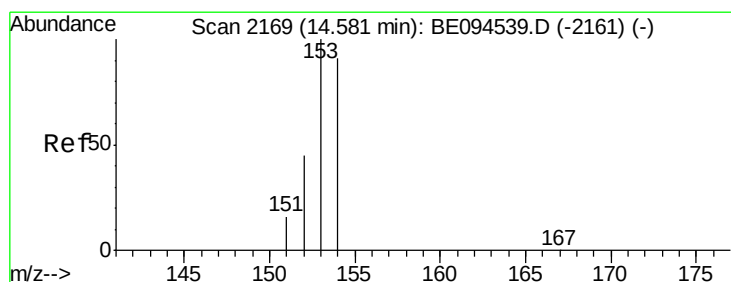
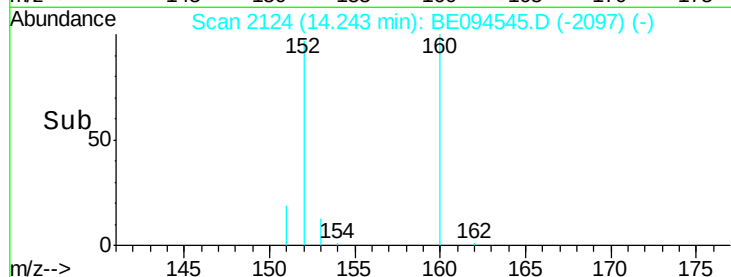
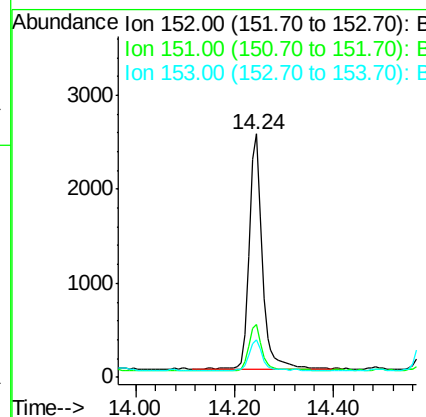
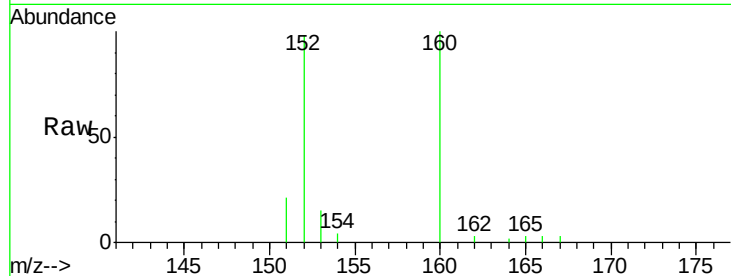
ClientSampleId :

B-22(1-3)-100617

Tgt Ion:	152	Resp:	4503
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	15.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.052 ng/ul

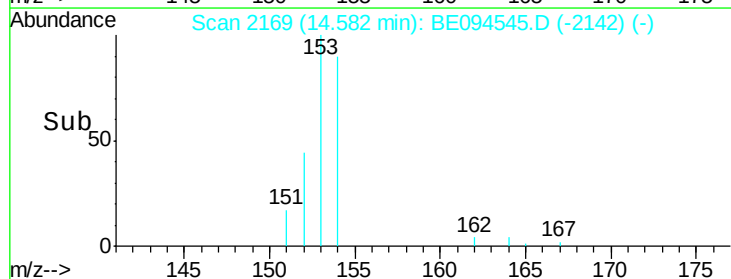
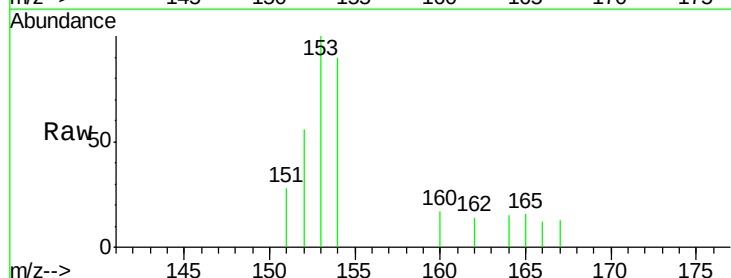
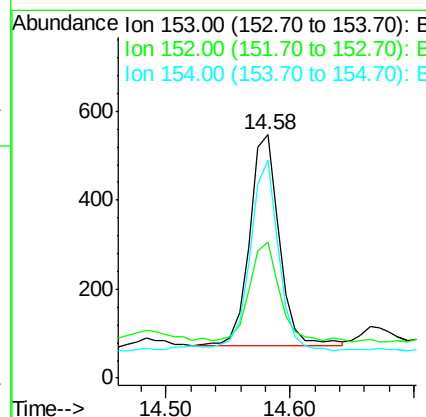
RT: 14.58 min Scan# 2169

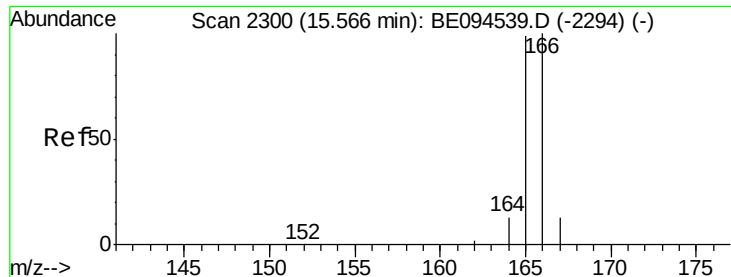
Delta R.T. 0.00 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Tgt Ion:	153	Resp:	785
Ion Ratio	Lower	Upper	
153	100		
152	56.1	36.0	54.0#
154	89.6	72.0	108.0





#9

Fluorene

Concen: 0.058 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Instrument :

BNA_E

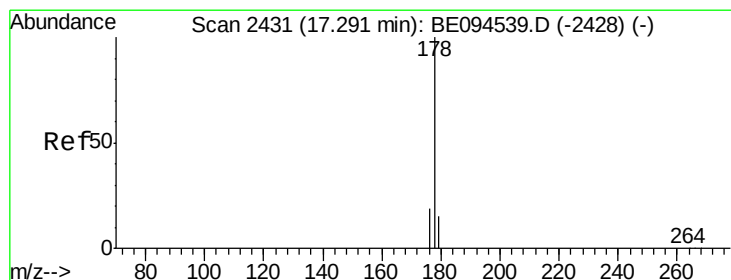
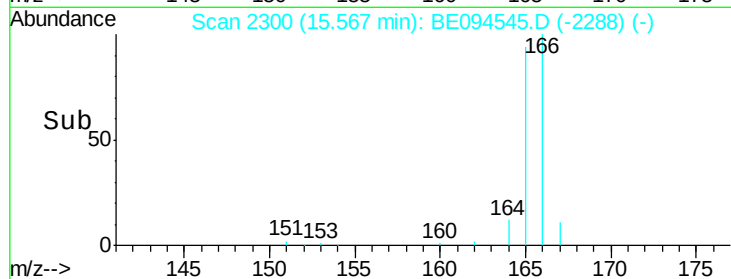
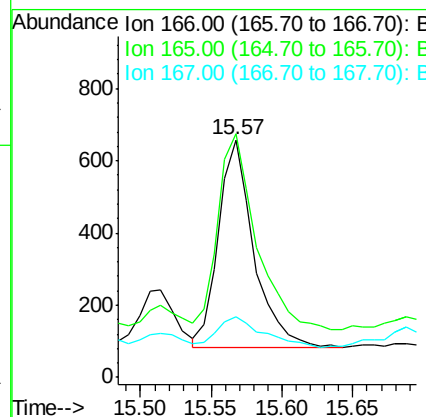
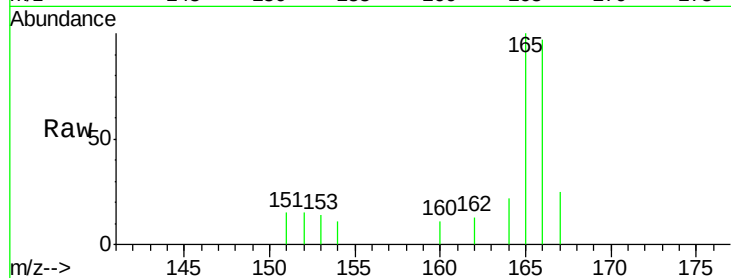
ClientSampleId :

B-22(1-3)-100617

Tgt Ion:	166	Resp:	993
Ion Ratio	Lower	Upper	
166	100		
165	102.6	73.4	110.2
167	25.4	14.6	22.0

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#12

Phenanthrene

Concen: 0.835 ng/ul

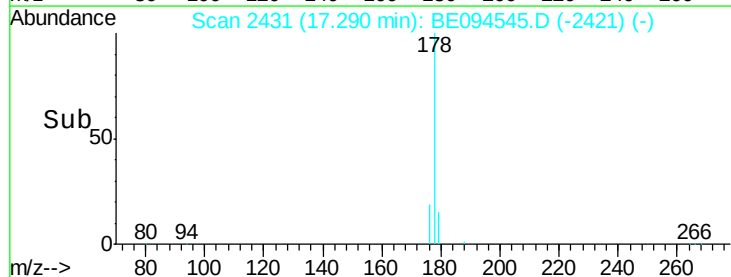
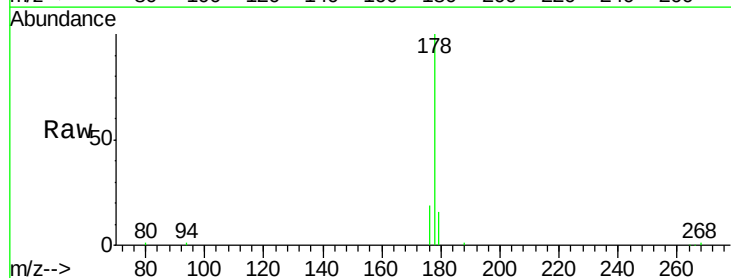
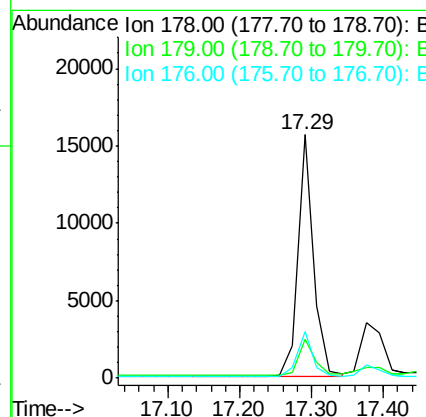
RT: 17.29 min Scan# 2431

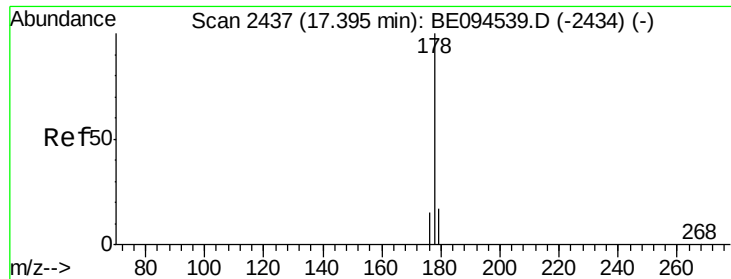
Delta R.T. -0.02 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Tgt Ion:	178	Resp:	23461
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6
176	19.3	13.6	20.4





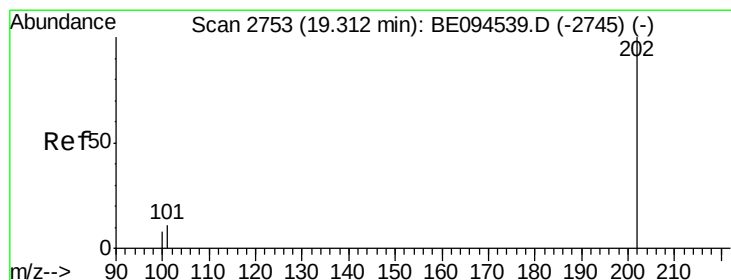
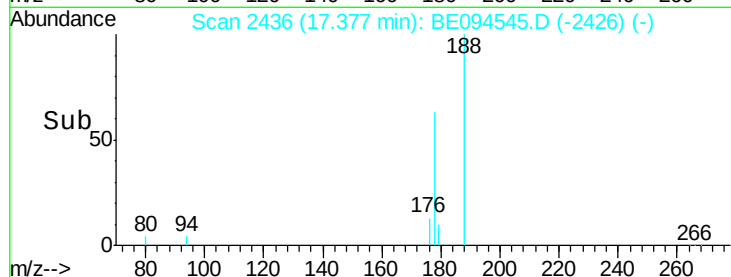
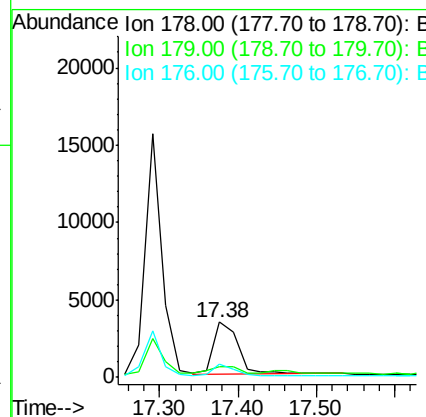
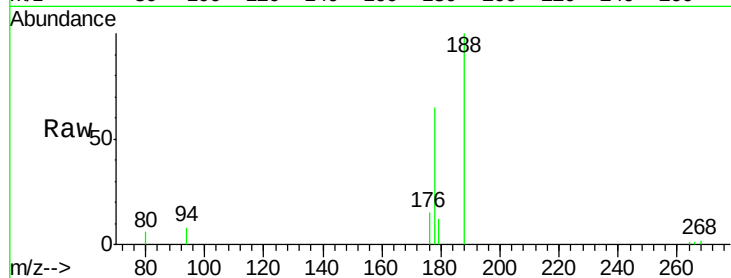
#13
 Anthracene
 Concen: 0.264 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094545.D
 Acq: 25 Oct 2017 22:34

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.1	18.1	27.1
176	22.9	14.7	22.1#

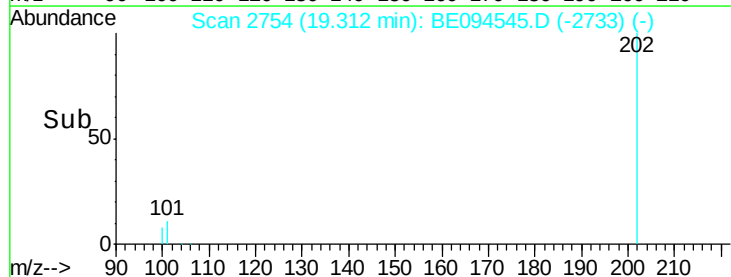
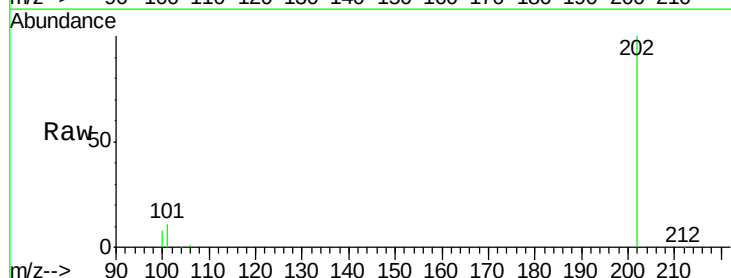
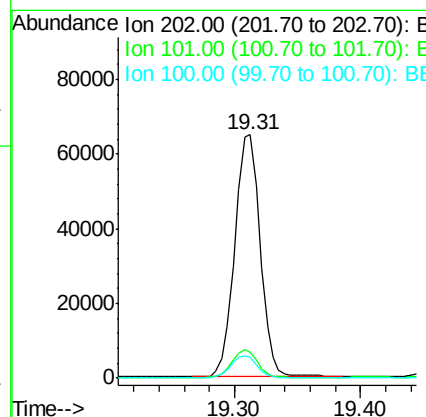
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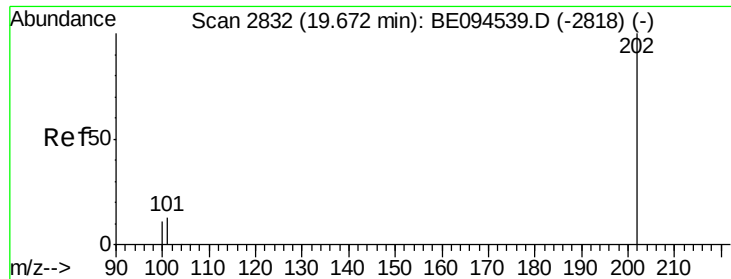
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#15
 Fluoranthene
 Concen: 2.811 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: BE094545.D
 Acq: 25 Oct 2017 22:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.3	0.0	39.5





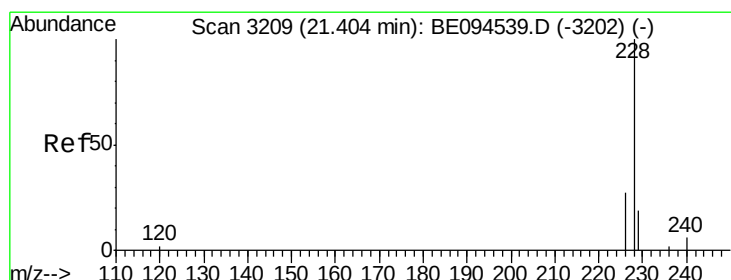
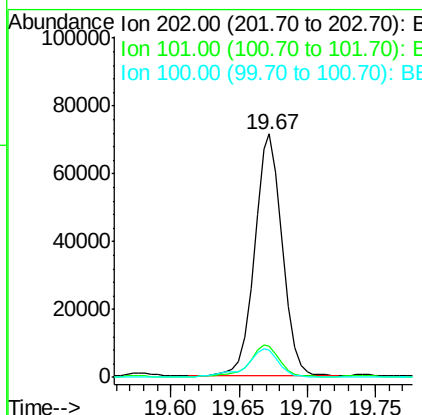
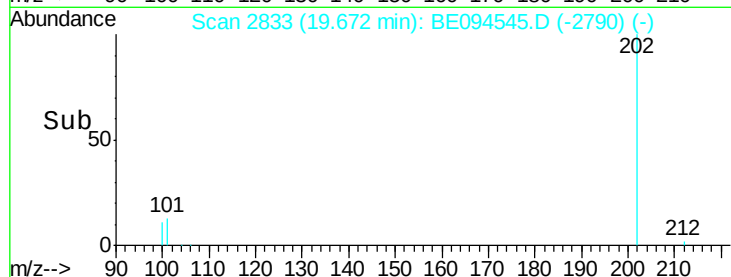
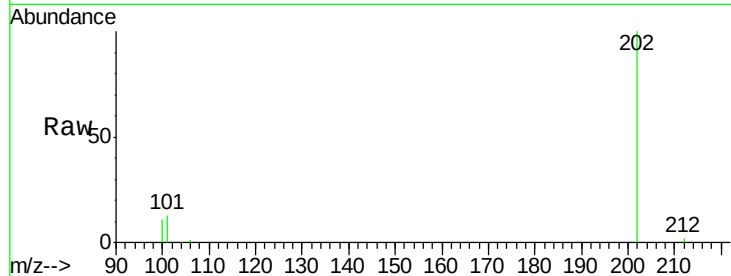
#17
Pyrene
 Concen: 3.158 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094545.D
 Acq: 25 Oct 2017 22:34

Instrument :
 BNA_E
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	18.2	27.4#
100	11.0	15.6	23.4#

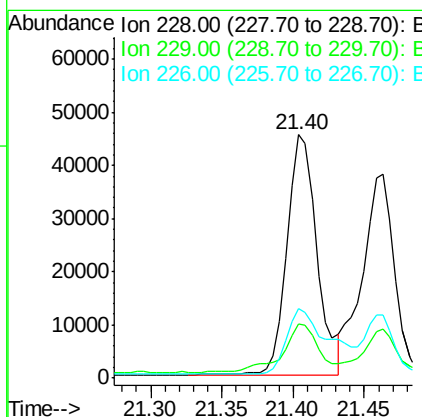
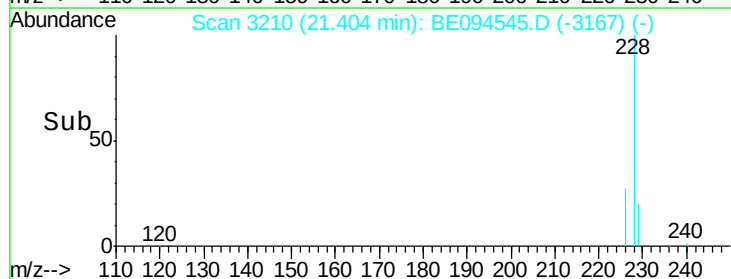
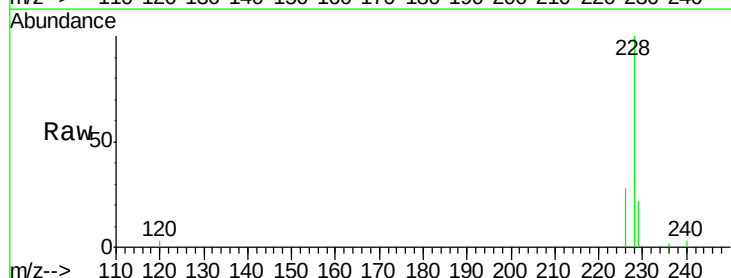
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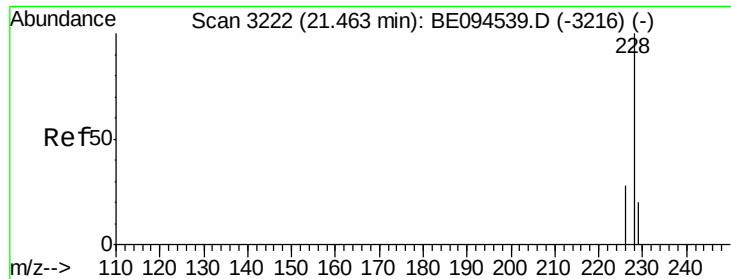
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#18
Benzo(a)anthracene
 Concen: 2.222 ng/ul
 RT: 21.40 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094545.D
 Acq: 25 Oct 2017 22:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.2	22.8	34.2#
226	28.3	17.0	25.6#





#19

Chrysene

Concen: 1.973 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Instrument :

BNA_E

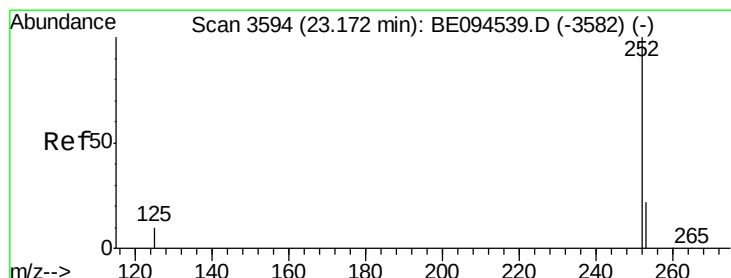
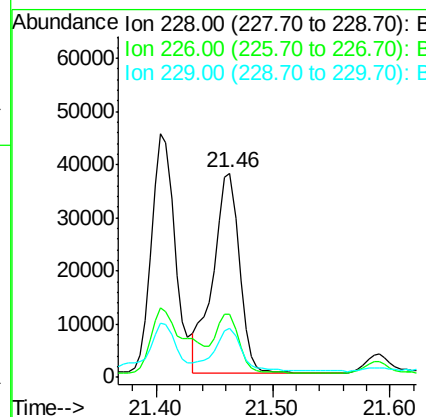
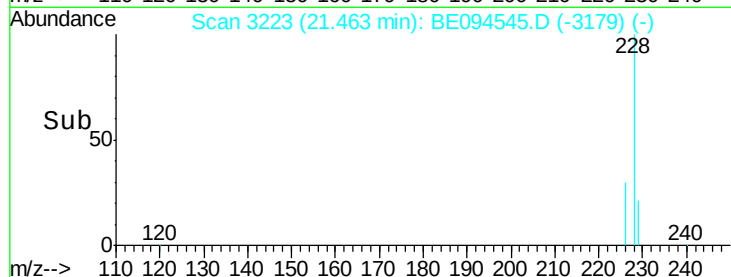
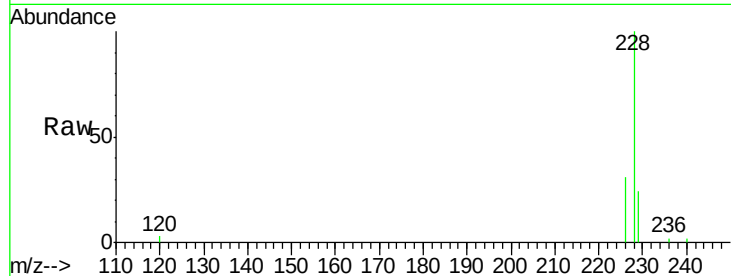
ClientSampleId :

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Tgt Ion:	228	Resp:	59830
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.0
229	23.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.263 ng/ul m

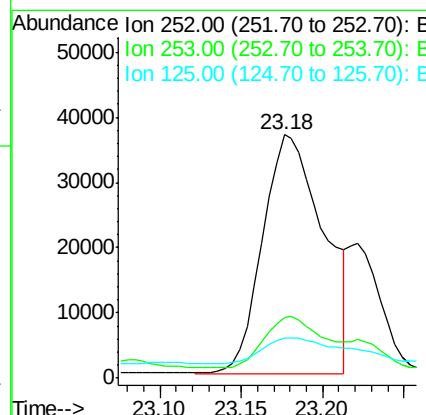
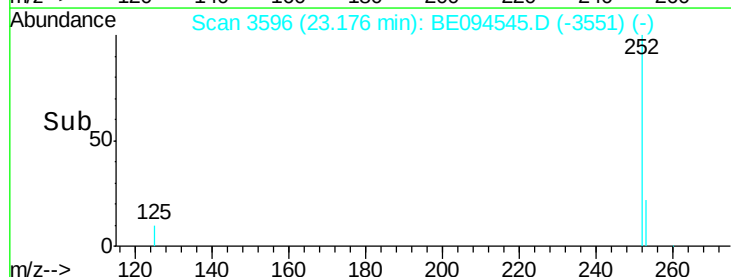
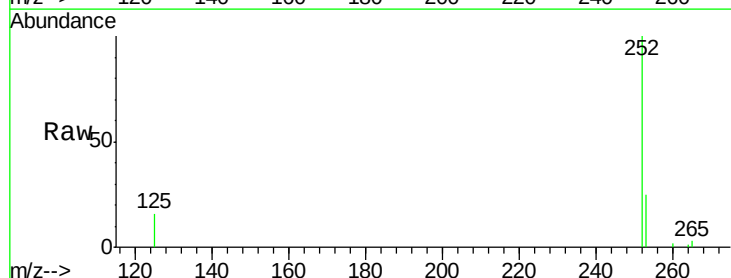
RT: 23.18 min Scan# 3596

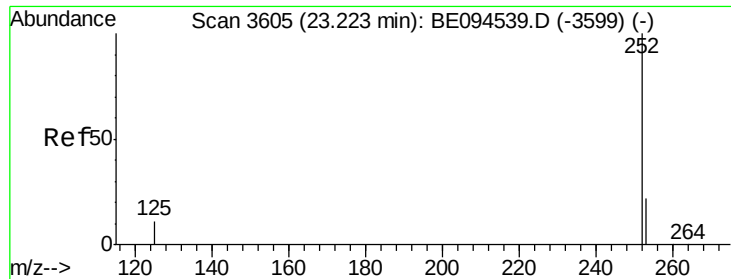
Delta R.T. 0.00 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Tgt Ion:	252	Resp:	95763
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	64.2
125	16.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.897 ng/ul m

RT: 23.22 min Scan# 3606

Delta R.T. -0.00 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Instrument :

BNA_E

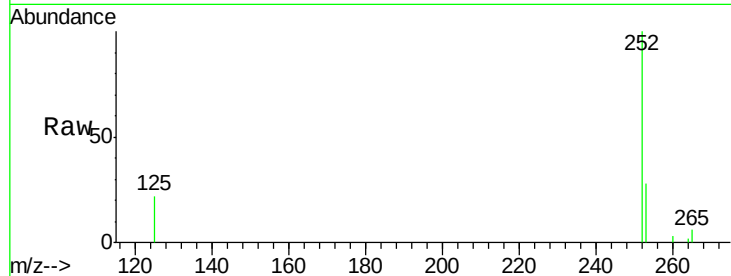
ClientSampleId :

B-22(1-3)-100617

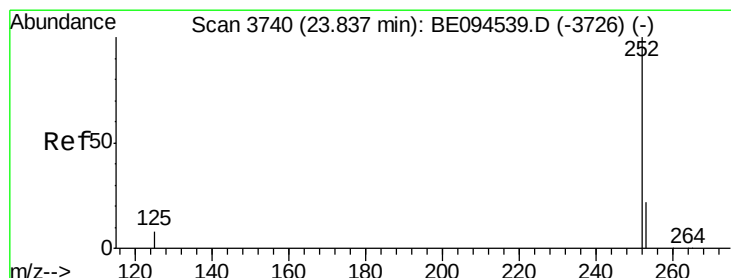
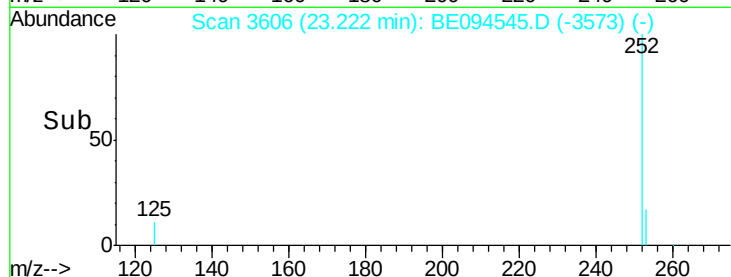
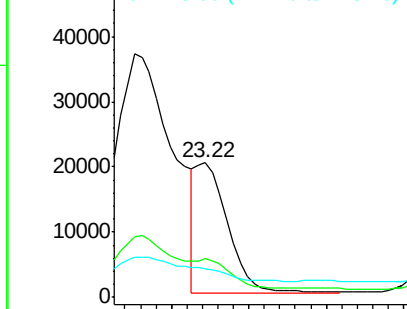
Tgt Ion:	252	Resp:	28228
Ion Ratio	Lower	Upper	
252	100		
253	28.4	24.5	36.7
125	21.6	13.7	20.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 2.363 ng/ul

RT: 23.85 min Scan# 3743

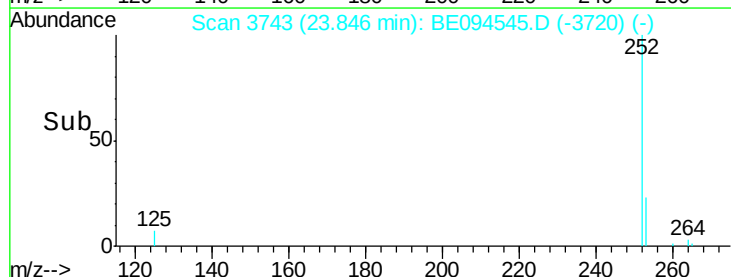
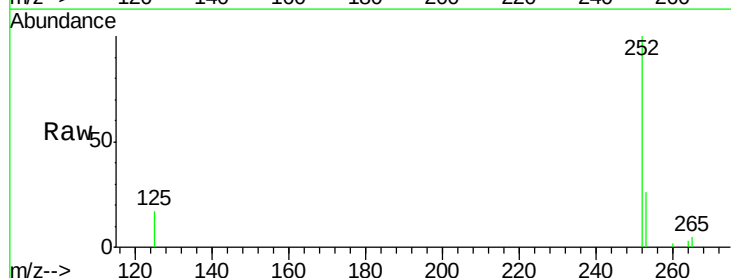
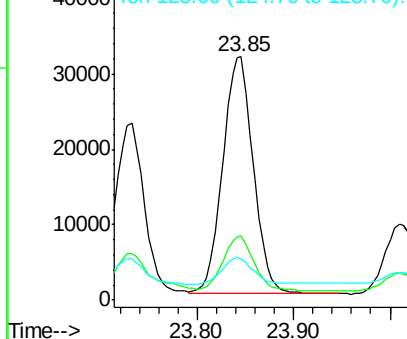
Delta R.T. 0.00 min

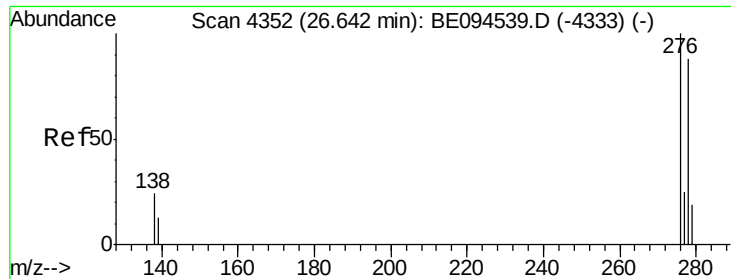
Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Tgt Ion:	252	Resp:	69331
Ion Ratio	Lower	Upper	
252	100		
253	26.2	28.5	42.7#
125	16.9	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.616 ng/ul

RT: 26.65 min Scan# 4355

Delta R.T. 0.01 min

Lab File: BE094545.D

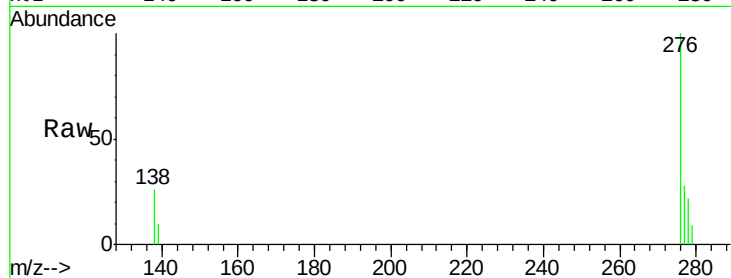
Acq: 25 Oct 2017 22:34

Instrument :

BNA_E

ClientSampleId :

B-22(1-3)-100617



Tgt Ion: 276 Resp: 49048

Ion Ratio Lower Upper

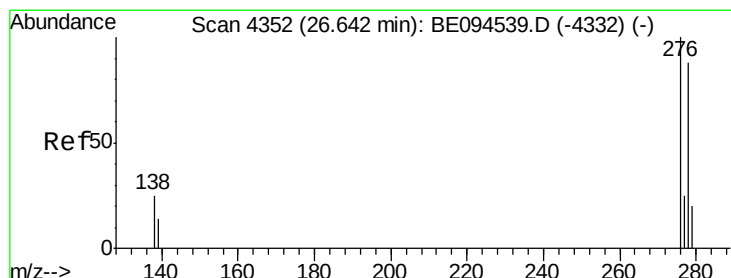
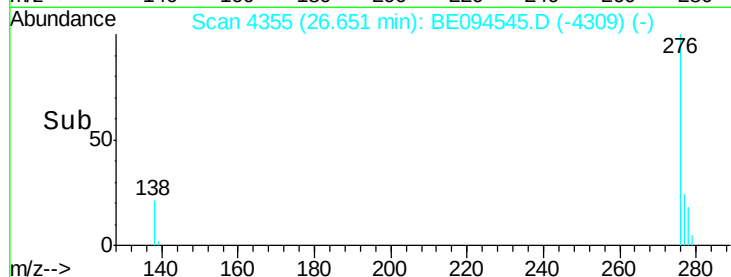
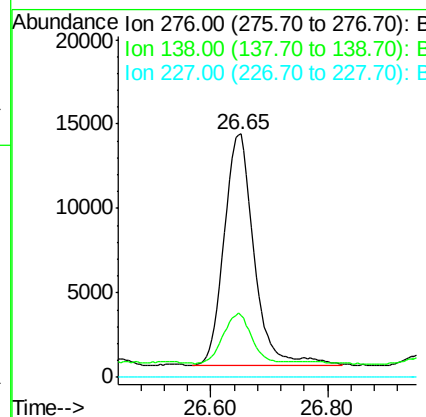
276 100

138 20.5 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:28 AM



#25

Dibenzo(a,h)anthracene

Concen: 0.410 ng/ul

RT: 26.64 min Scan# 4353

Delta R.T. 0.00 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

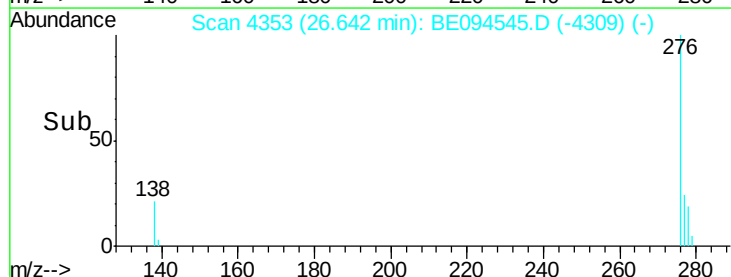
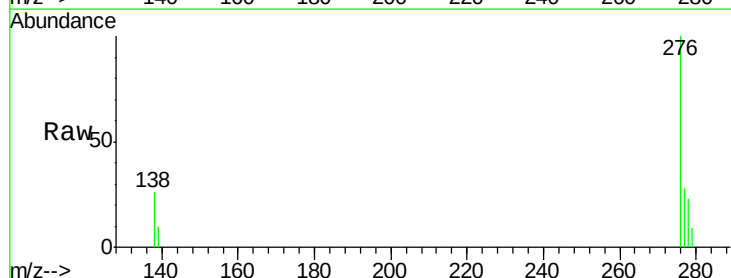
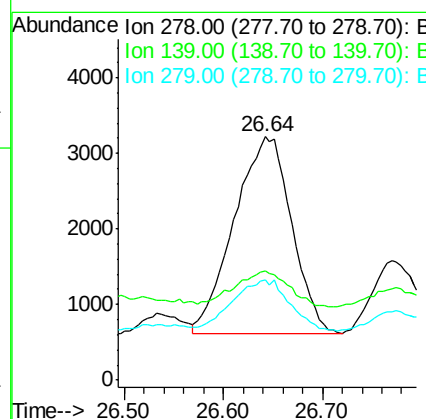
Tgt Ion: 278 Resp: 10480

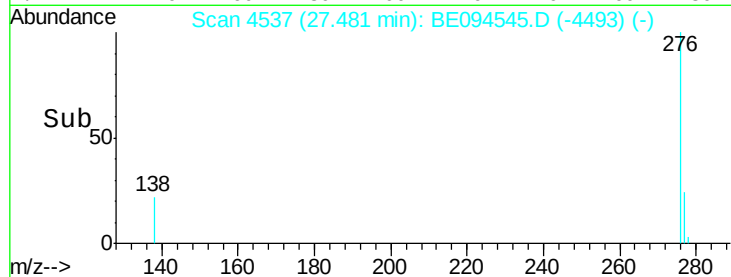
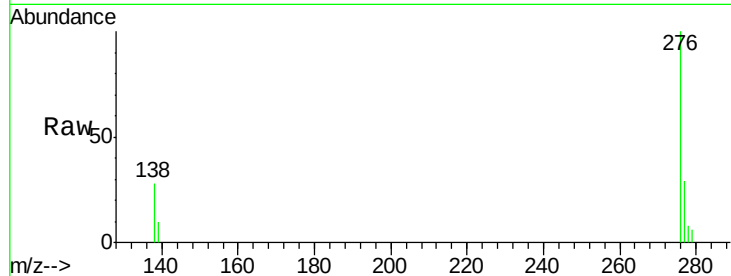
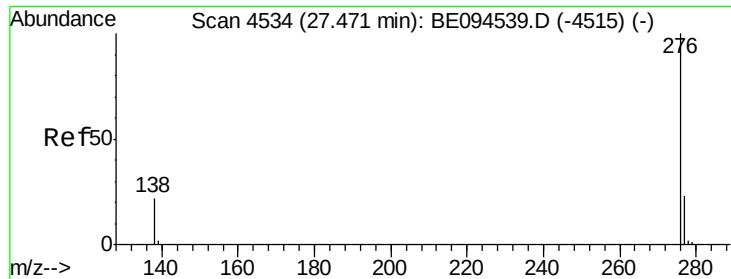
Ion Ratio Lower Upper

278 100

139 44.9 17.4 26.0#

279 41.3 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 1.578 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. 0.00 min

Lab File: BE094545.D

Acq: 25 Oct 2017 22:34

Instrument :

BNA_E

ClientSampleId :

B-22(1-3)-100617

Tgt Ion:	276	Resp:	38477
Ion Ratio	Lower	Upper	
276	100		
138	28.5	21.8	32.8
277	28.6	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:28 AM

