

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094266.D
 Acq On : 11 Oct 2017 00:22
 Operator : SJ/JU
 Sample : I5522-22DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0DL

Manual Integrations
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Sohil
 10/11/2017 7:20:18 PM

Quant Time: Oct 11 08:08:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 07:23:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1886	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9578	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5415	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11632	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12212	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12789	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1099	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2584	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	4489	0.191	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	5232	0.344	ng/ul	99
7) Acenaphthylene	14.24	152	2750	0.130	ng/ul#	94
8) Acenaphthene	14.57	153	4486	0.258	ng/ul	98
9) Fluorene	15.56	166	5042	0.248	ng/ul	94
12) Phenanthrene	17.29	178	116229	3.824	ng/ul#	92
13) Anthracene	17.38	178	17925	0.606	ng/ul#	92
15) Fluoranthene	19.30	202	190873	4.779	ng/ul	84
17) Pyrene	19.66	202	172889	5.088	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	93352	2.882	ng/ul#	87
19) Chrysene	21.44	228	96451	2.578	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	123861m	3.565	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	40798m	1.016	ng/ul	
23) Benzo(a)pyrene	23.80	252	82712	2.291	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.57	276	54974	1.489	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	14834	0.479	ng/ul#	94
26) Benzo(a,h,i)perylene	27.39	276	44091	1.384	ng/ul	99

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

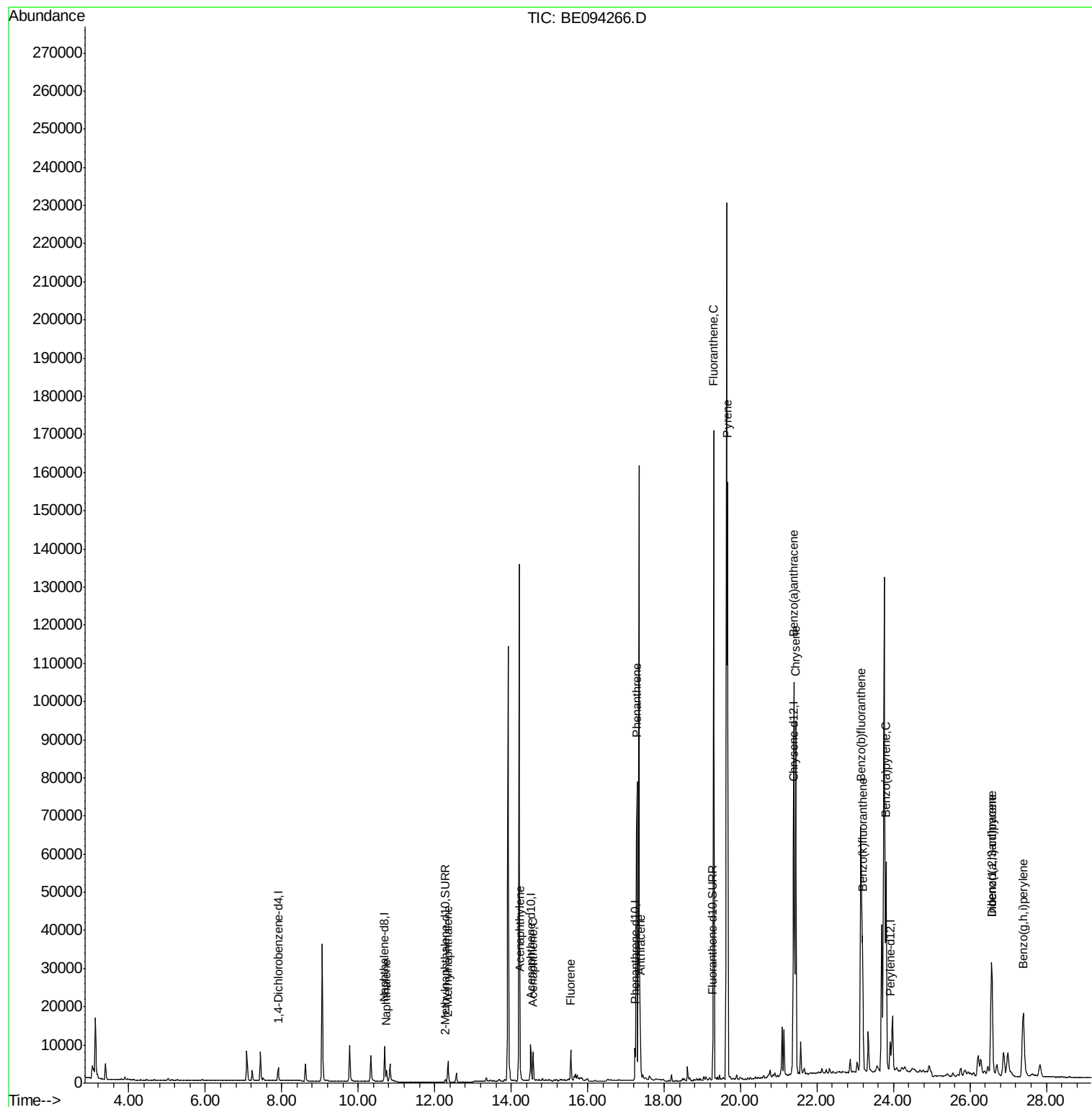
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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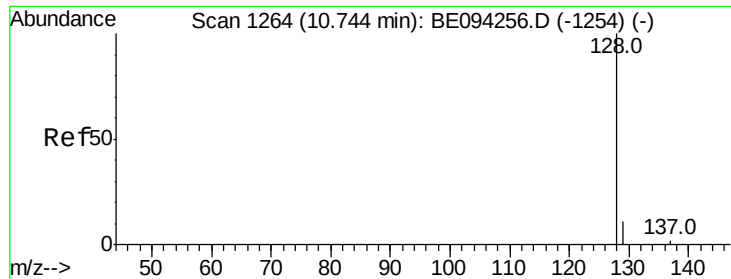
Instrument :
BNA_E
ClientSampleId :
C0AD0DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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#3

Naphthalene

Concen: 0.191 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Instrument :

BNA_E

ClientSampleId :

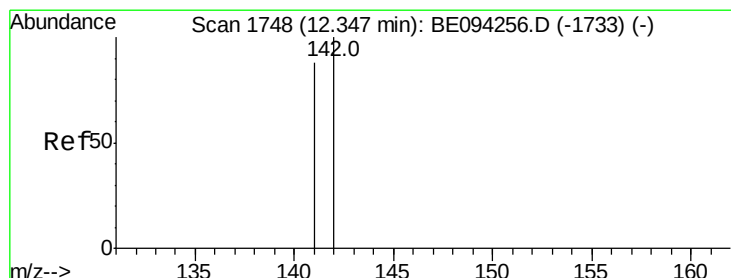
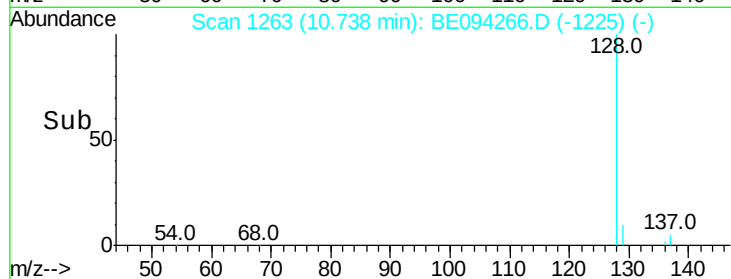
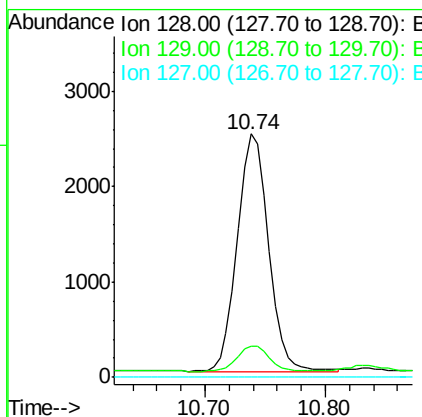
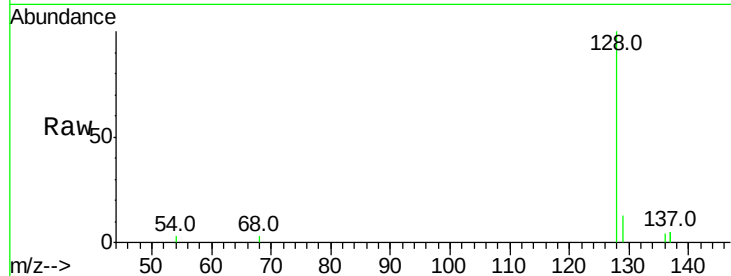
C0AD0DL

Tot Ion:128 Resp: 4489

Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.344 ng/ul

RT: 12.35 min Scan# 1748

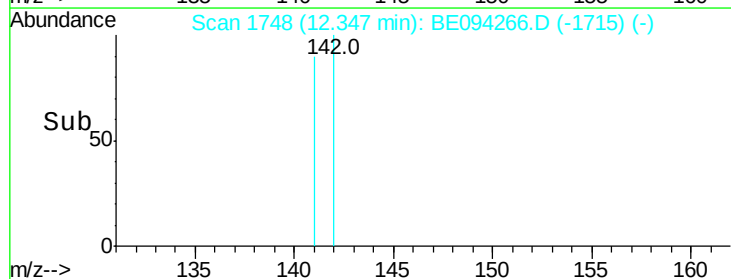
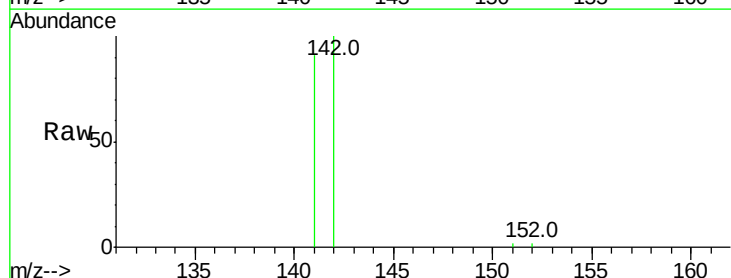
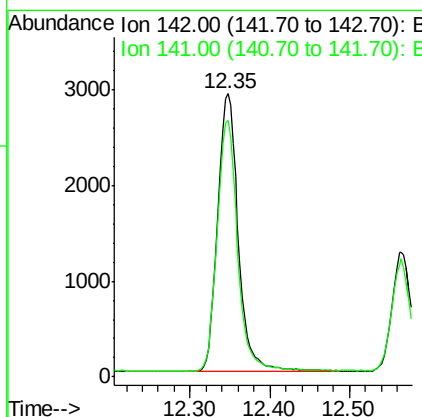
Delta R.T. 0.00 min

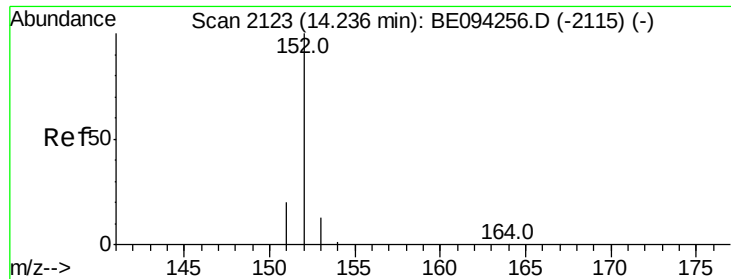
Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Tgt Ion:142 Resp: 5232

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.130 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Instrument :

BNA_E

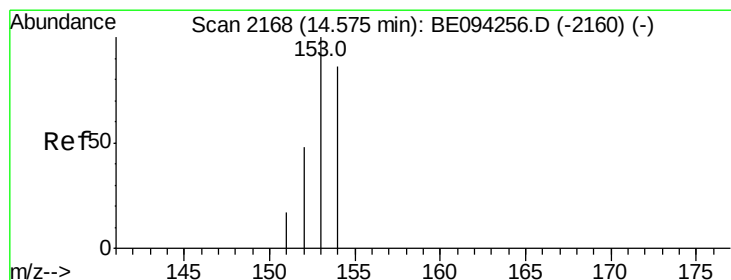
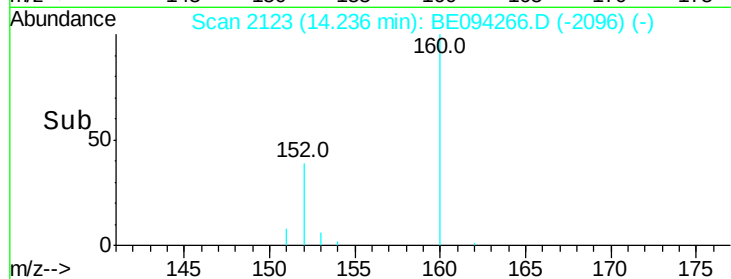
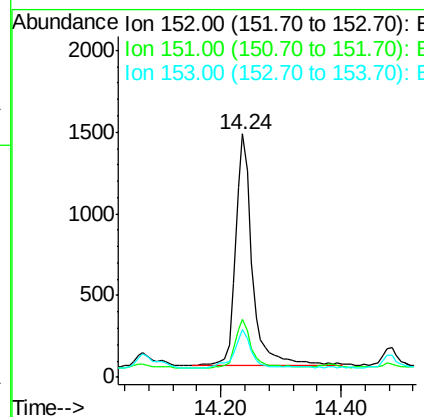
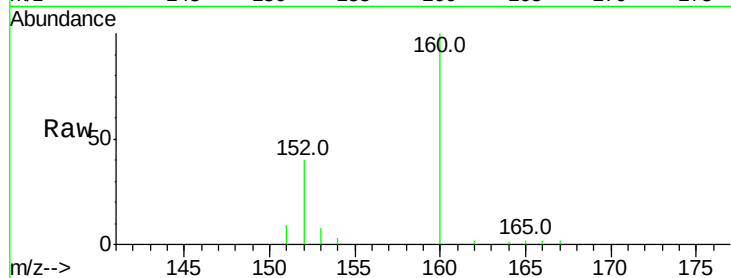
ClientSampleId :

C0AD0DL

Tot Ion:	152	Resp:	2750
Ion Ratio	Lower	Upper	
152	100		
151	23.6	17.1	25.7
153	19.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.258 ng/ul

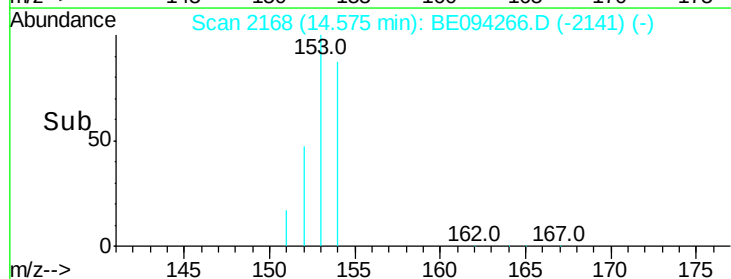
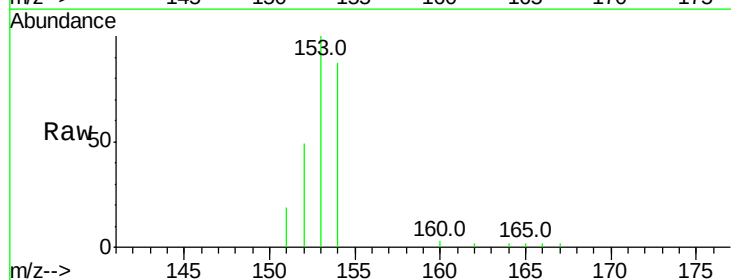
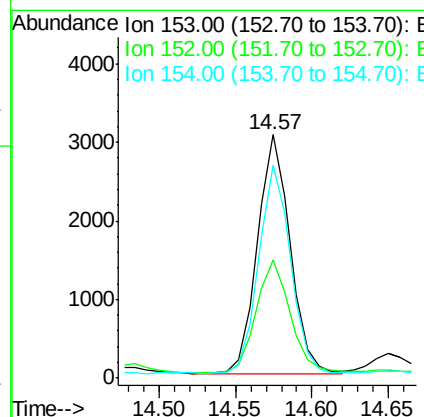
RT: 14.57 min Scan# 2168

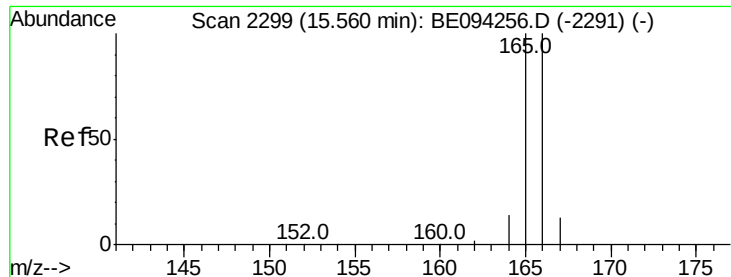
Delta R.T. -0.00 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Tgt Ion:	153	Resp:	4486
Ion Ratio	Lower	Upper	
153	100		
152	48.6	40.3	60.5
154	87.2	71.4	107.2





#9

Fluorene

Concen: 0.248 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Instrument :

BNA_E

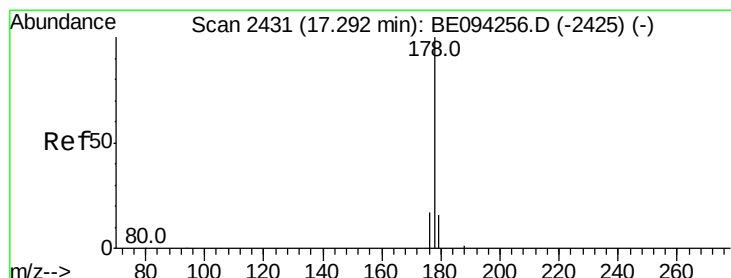
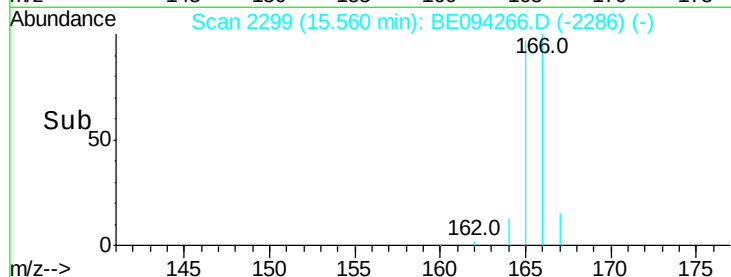
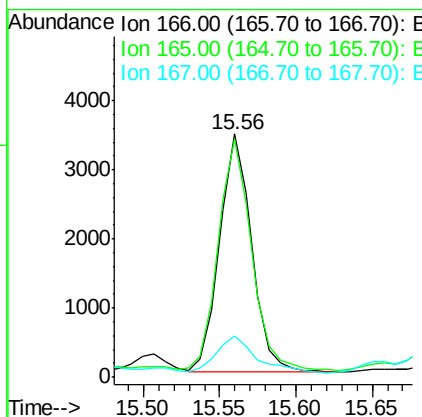
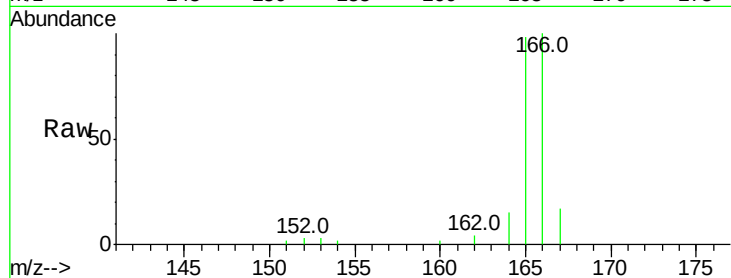
ClientSampleId :

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Tot Ion:	166	Resp:	5042
Ion Ratio	Lower	Upper	
166	100		
165	98.0	73.4	110.2
167	16.9	14.6	22.0

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#12

Phenanthrene

Concen: 3.824 ng/ul

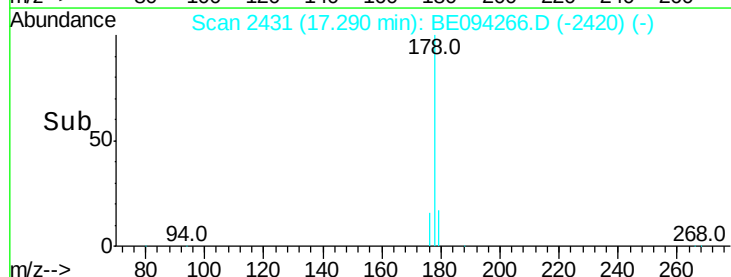
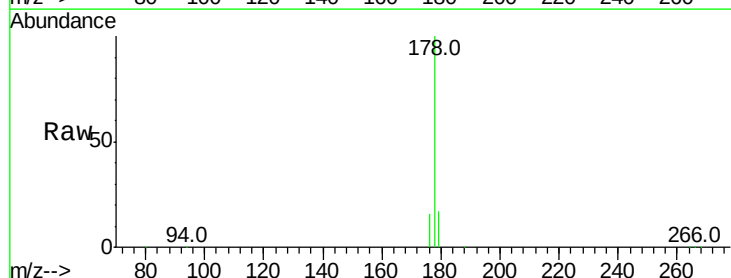
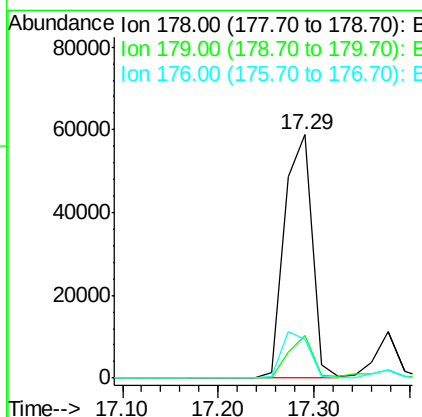
RT: 17.29 min Scan# 2431

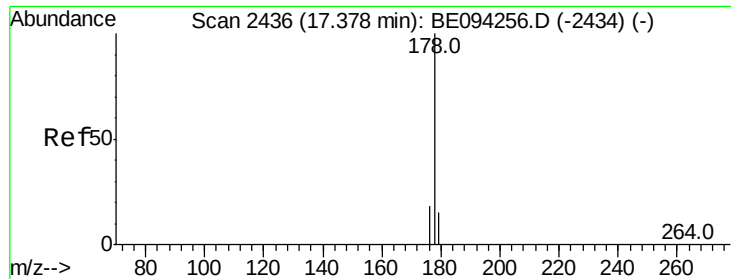
Delta R.T. -0.00 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Tgt Ion:	178	Resp:	116229
Ion Ratio	Lower	Upper	
178	100		
179	17.5	18.4	27.6#
176	16.0	13.6	20.4





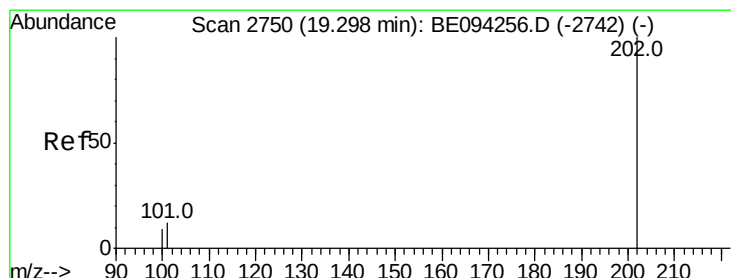
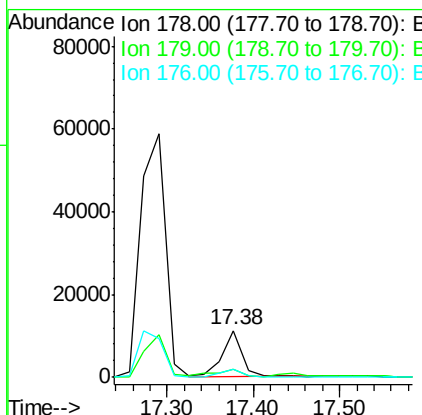
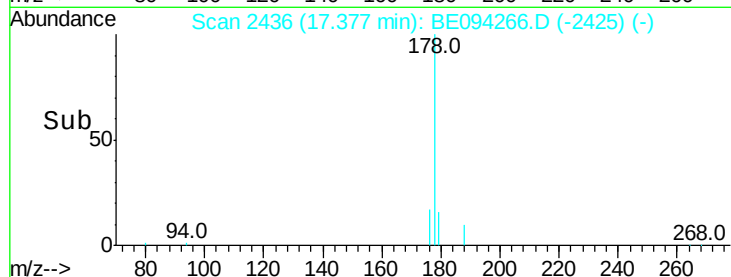
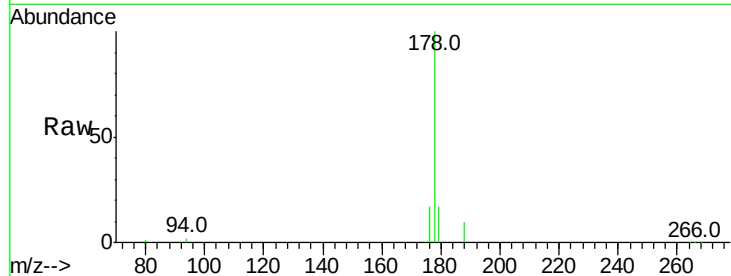
#13
 Anthracene
 Concen: 0.606 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094266.D
 Acq: 11 Oct 2017 00:22

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion:178 Resp: 17925
 Ion Ratio Lower Upper
 178 100
 179 16.9 18.1 27.1#
 176 17.1 14.7 22.1

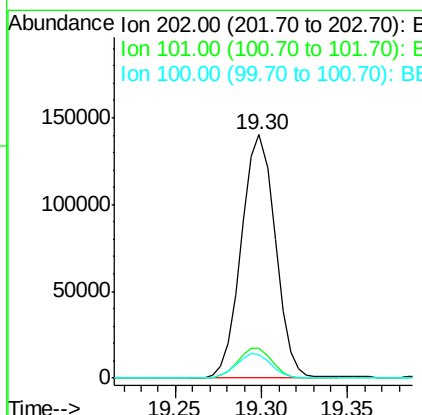
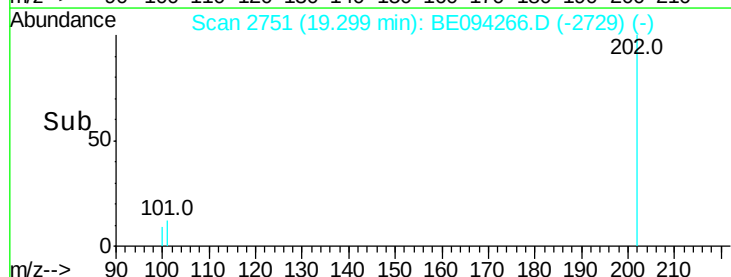
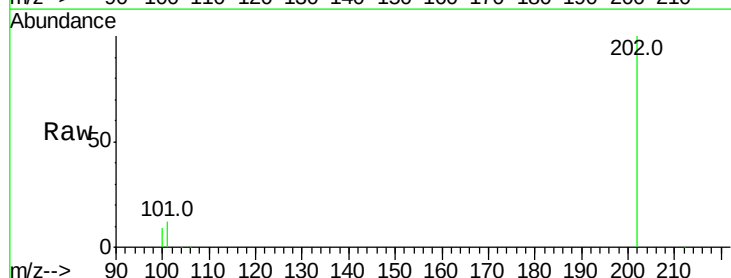
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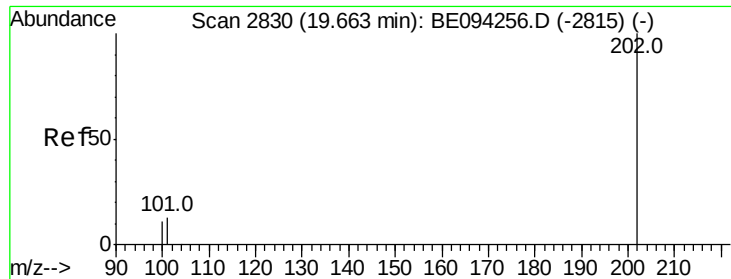
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#15
 Fluoranthene
 Concen: 4.779 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BE094266.D
 Acq: 11 Oct 2017 00:22

Tgt Ion:202 Resp: 190873
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 30.3
 100 9.5 0.0 39.5





#17

Pvrene

Concen: 5.088 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Instrument :

BNA_E

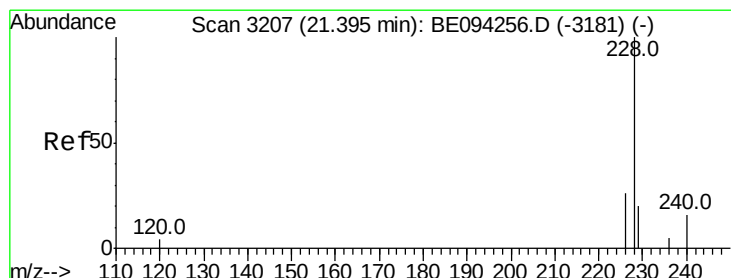
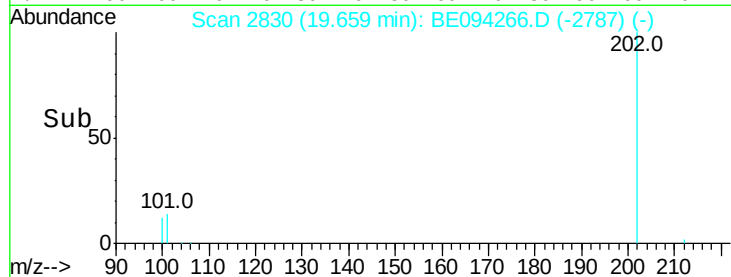
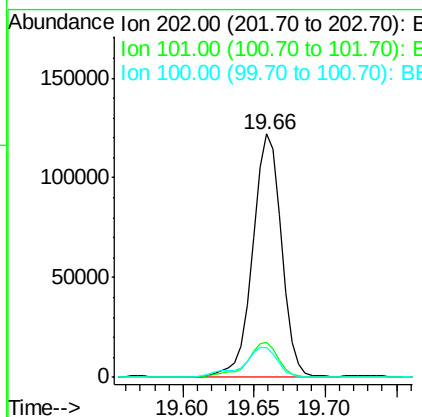
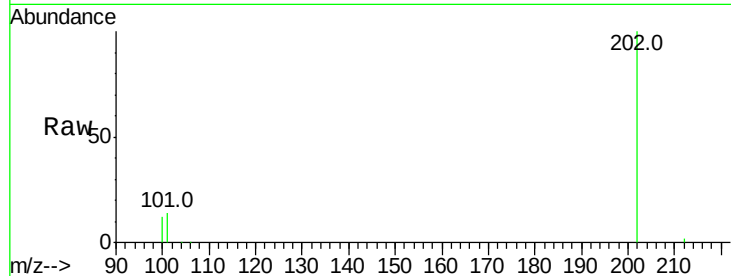
ClientSampleId :

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Tot Ion:	202	Resp:	172889
Ion Ratio	Lower	Upper	
202	100		
101	14.4	18.2	27.4#
100	12.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.882 ng/ul

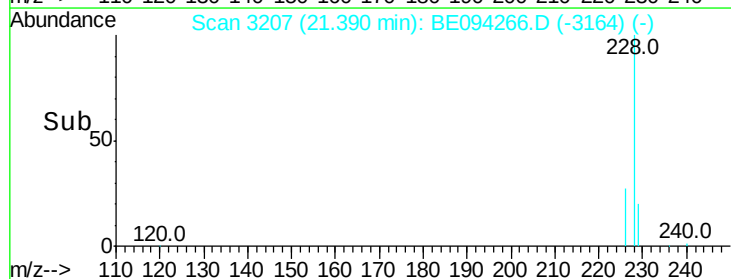
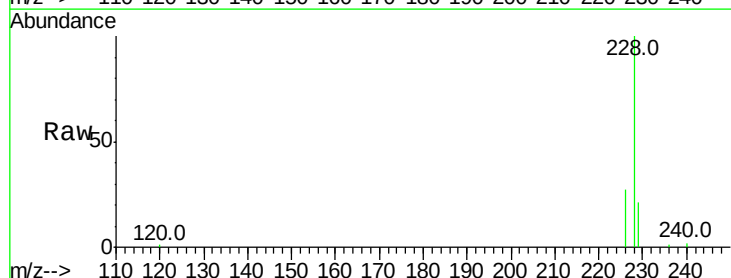
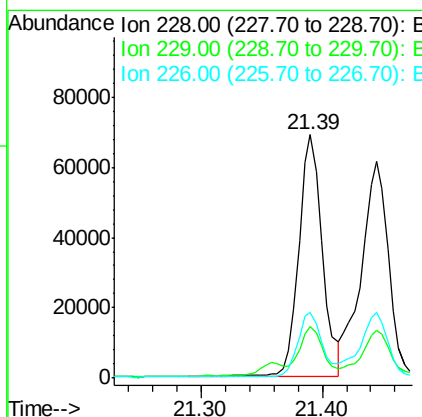
RT: 21.39 min Scan# 3207

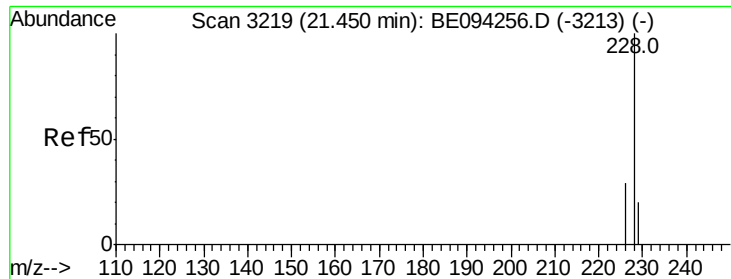
Delta R.T. -0.00 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Tgt Ion:	228	Resp:	93352
Ion Ratio	Lower	Upper	
228	100		
229	21.1	22.8	34.2#
226	27.1	17.0	25.6#





#19

Chrysene

Concen: 2.578 ng/ul

RT: 21.44 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Instrument :

BNA_E

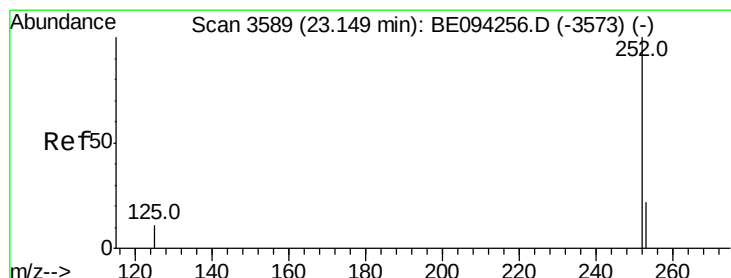
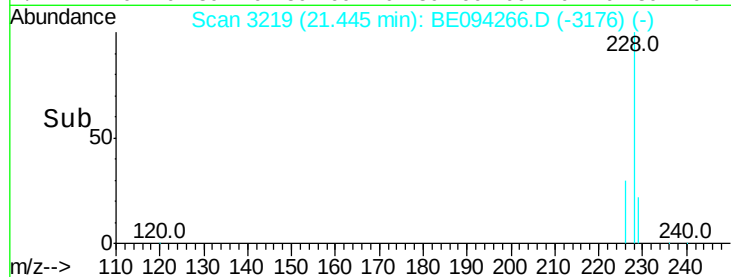
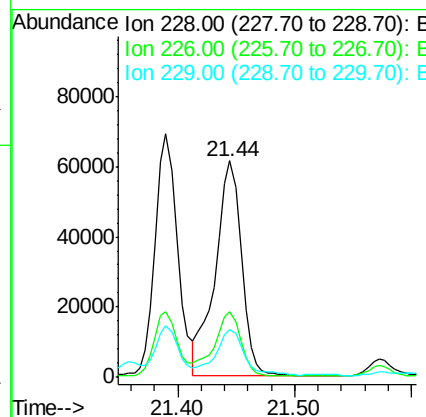
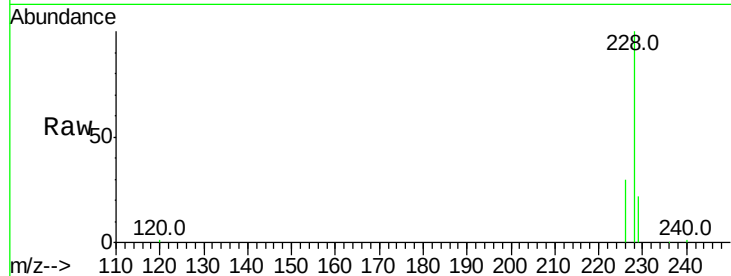
ClientSampleId :

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Tot Ion:	228	Resp:	96451
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.0
229	22.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.565 ng/ul m

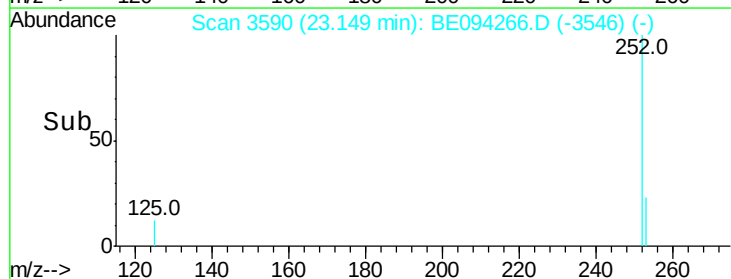
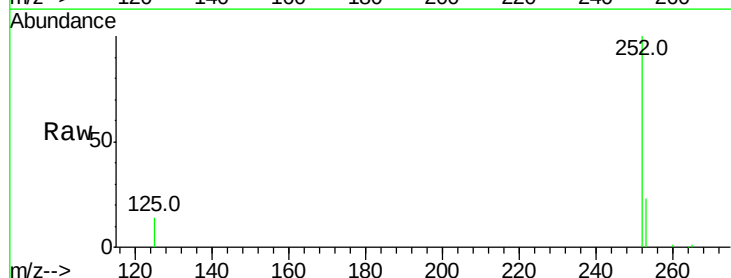
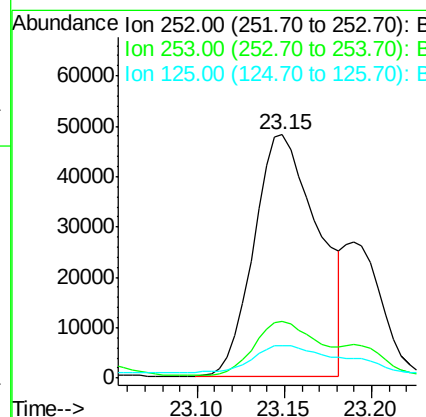
RT: 23.15 min Scan# 3590

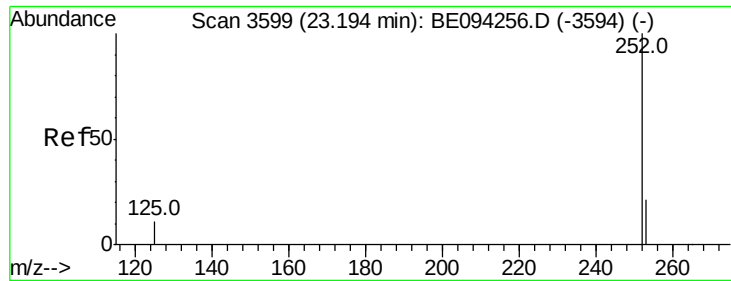
Delta R.T. 0.00 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Tgt Ion:	252	Resp:	123861
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	64.2
125	13.5	0.0	35.0





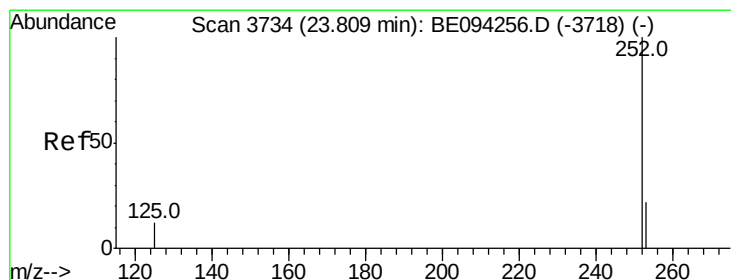
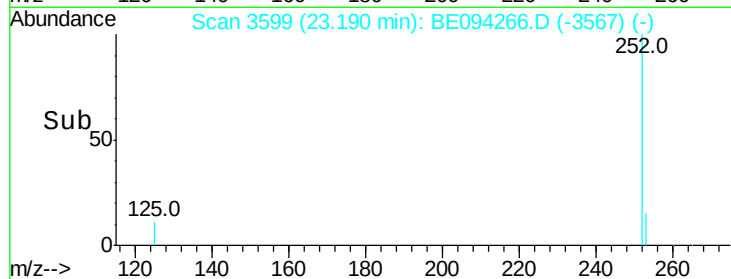
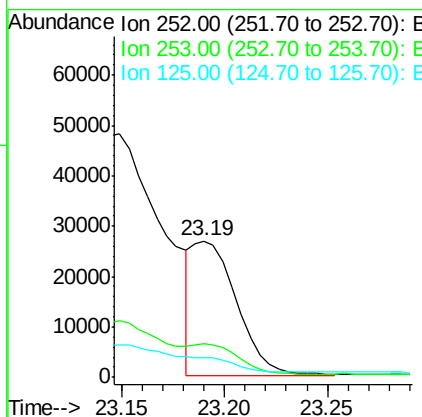
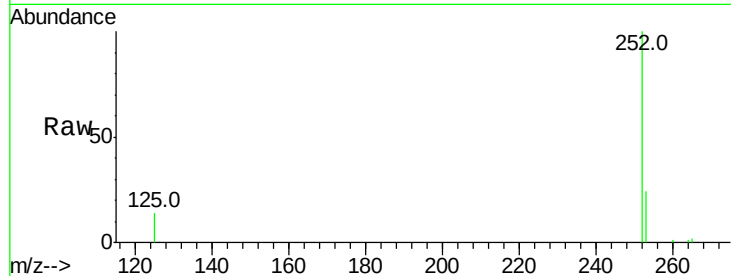
#22
Benzo(k)fluoranthene
Concen: 1.016 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE094266.D
Acq: 11 Oct 2017 00:22

Instrument :
BNA_E
ClientSampleId :
C0AD0DL

Tot Ion:252 Resp: 40798
Ion Ratio Lower Upper
252 100
253 24.4 24.5 36.7#
125 14.5 13.7 20.5

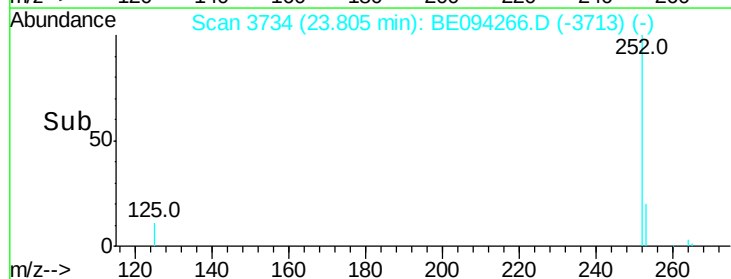
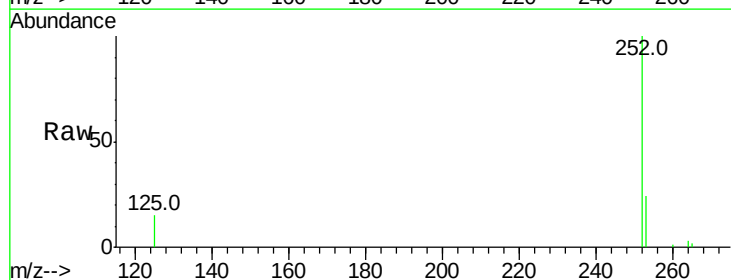
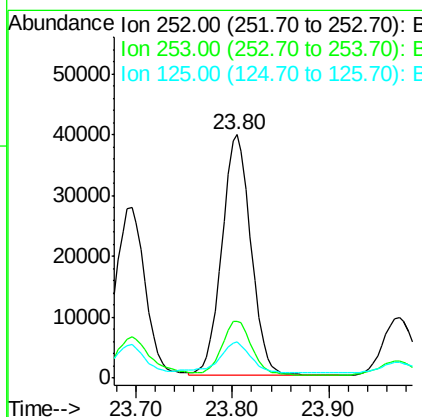
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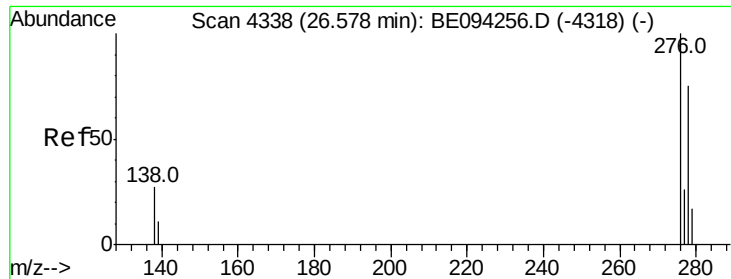
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#23
Benzo(a)pyrene
Concen: 2.291 ng/ul
RT: 23.80 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE094266.D
Acq: 11 Oct 2017 00:22

Tgt Ion:252 Resp: 82712
Ion Ratio Lower Upper
252 100
253 23.6 28.5 42.7#
125 14.7 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.489 ng/ul

RT: 26.57 min Scan# 4337

Delta R.T. -0.01 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Instrument :

BNA_E

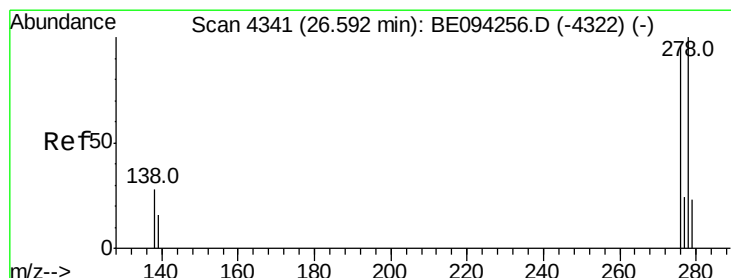
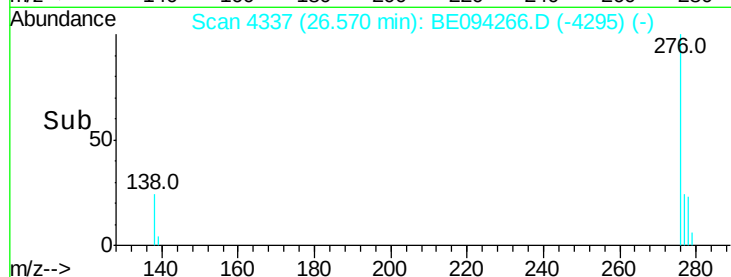
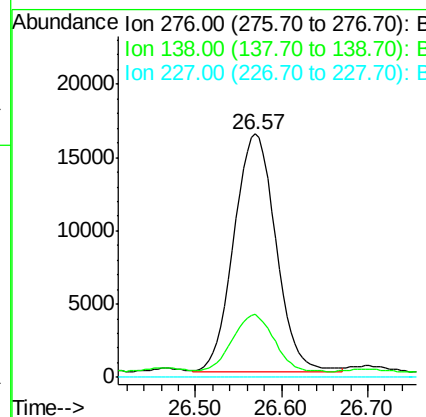
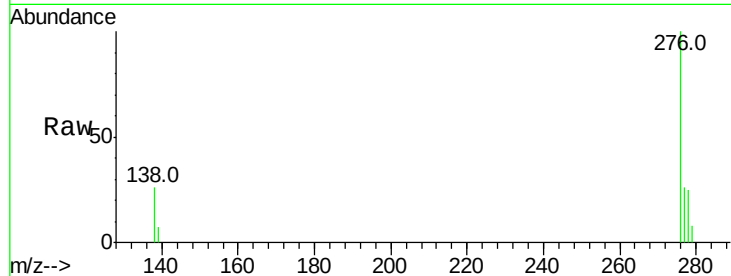
ClientSampleId :

C0AD0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/11/2017 7:20:18 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.479 ng/ul

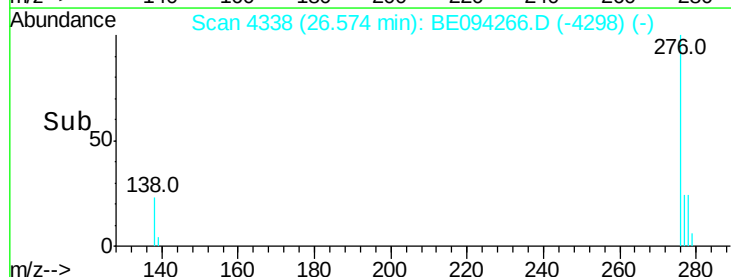
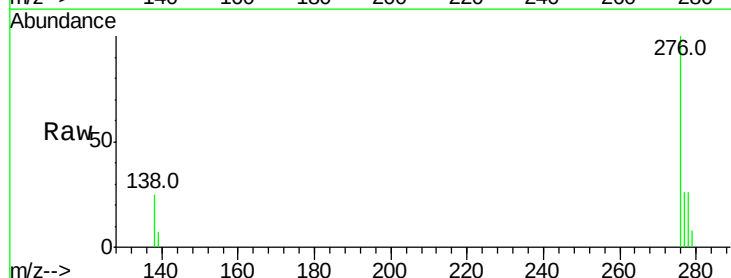
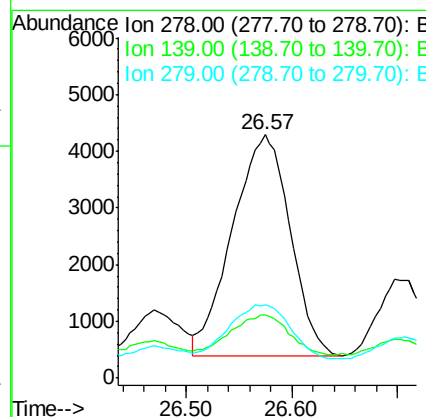
RT: 26.57 min Scan# 4338

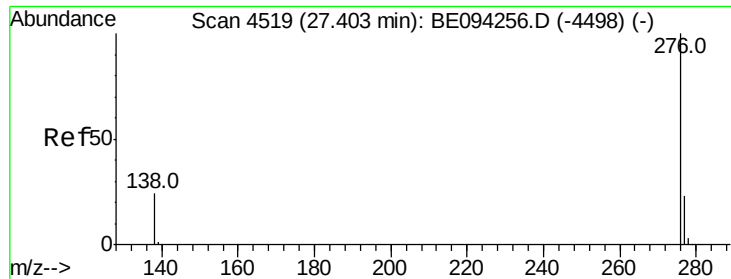
Delta R.T. -0.02 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.1	17.4	26.0#
279	30.2	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 1.384 ng/ul

RT: 27.39 min Scan# 4518

Delta R.T. -0.01 min

Lab File: BE094266.D

Acq: 11 Oct 2017 00:22

Instrument :

BNA_E

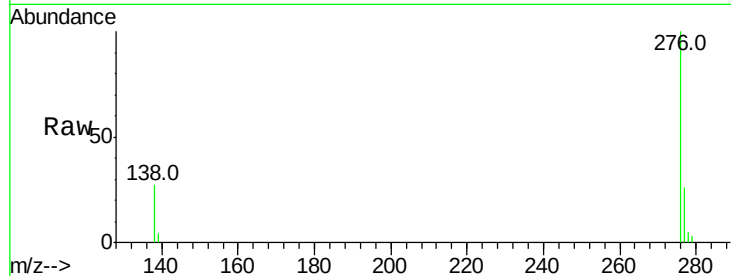
ClientSampleId :

C0AD0DL

Tot Ion:	276	Resp:	44091
Ion Ratio	Lower	Upper	
276	100		
138	26.7	21.8	32.8
277	25.8	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/11/2017 7:20:18 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

