

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094366.D
 Acq On : 14 Oct 2017 21:52
 Operator : SJ/JU
 Sample : I5550-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF1DL

Manual Integrations
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Quant Time: Oct 15 02:31:48 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1008	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	5238	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3449	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9723	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10976	0.40	ng/ul	-0.01
20) Perylene-d12	23.94	264	10995	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	591	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2560	0.08	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	2129	0.166	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	840	0.101	ng/ul	99
8) Acenaphthene	14.58	153	2544	0.230	ng/ul	98
9) Fluorene	15.57	166	4263	0.329	ng/ul	93
12) Phenanthrene	17.29	178	87460	3.442	ng/ul#	89
13) Anthracene	17.38	178	20822	0.843	ng/ul#	89
15) Fluoranthene	19.31	202	109674	3.285	ng/ul	84
17) Pyrene	19.67	202	92892	3.042	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	45420	1.560	ng/ul#	87
19) Chrysene	21.46	228	40743	1.212	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	42478m	1.422	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	12822m	0.371	ng/ul	
23) Benzo(a)pyrene	23.83	252	29699	0.957	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.62	276	16324	0.514	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.62	278	4767	0.179	ng/ul#	68
26) Benzo(a,h,i)perylene	27.46	276	13211	0.482	ng/ul#	93

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

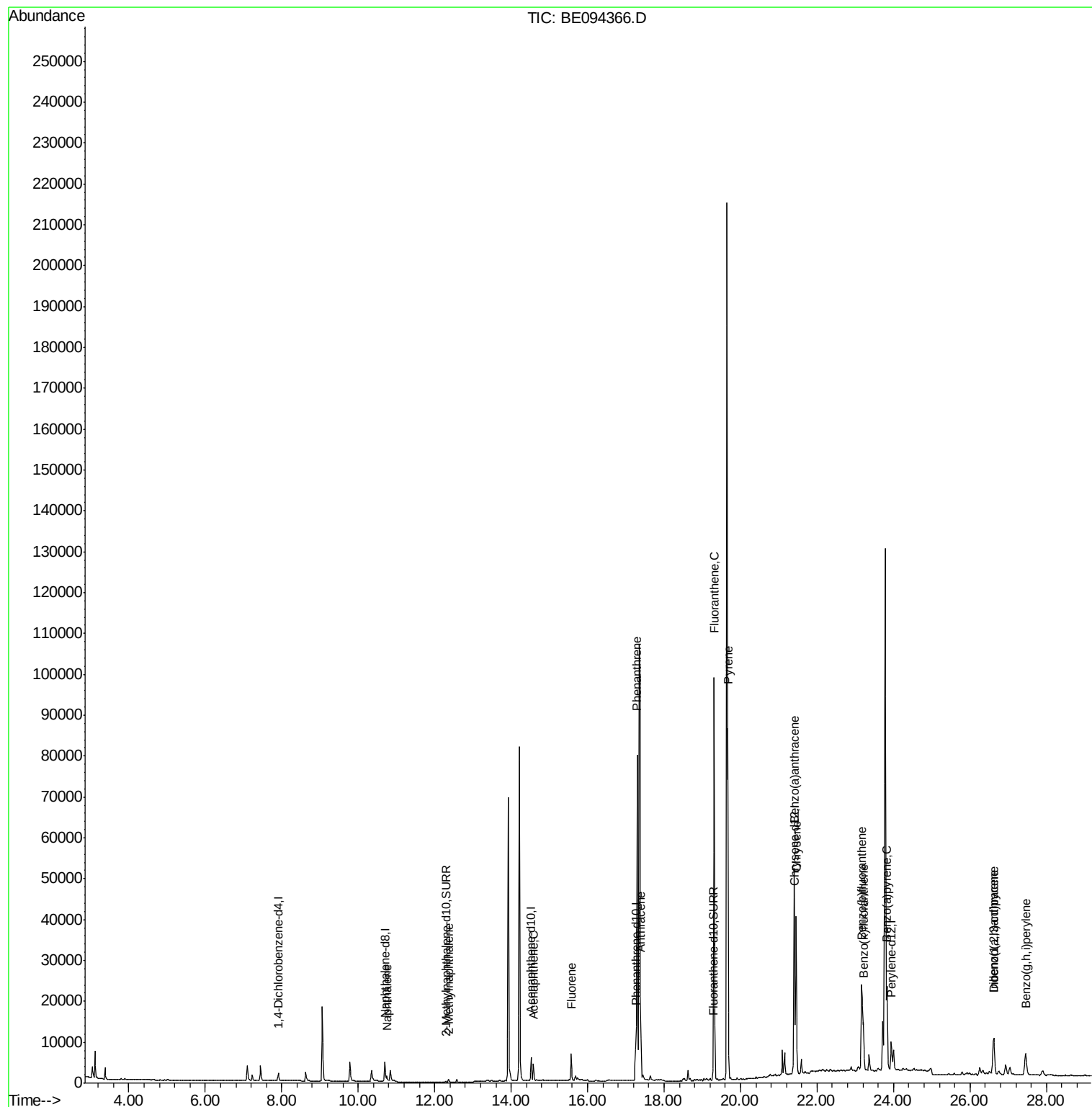
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094366.D
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ALS Vial : 14 Sample Multiplier: 1

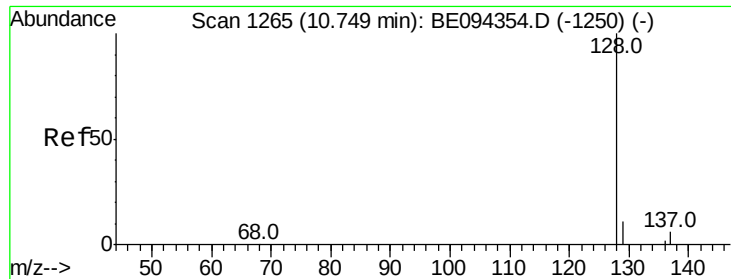
Instrument :
BNA_E
ClientSampleId :
C0AF1DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Sat Oct 14 05:22:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.166 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

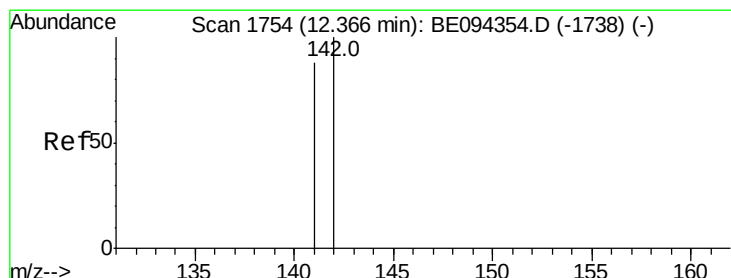
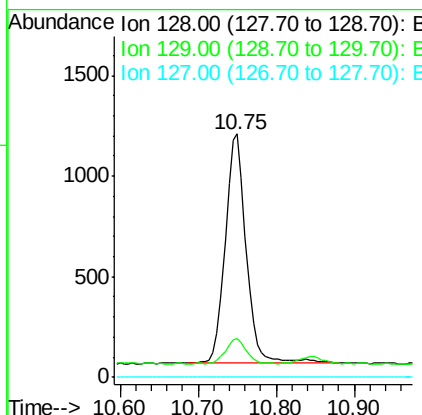
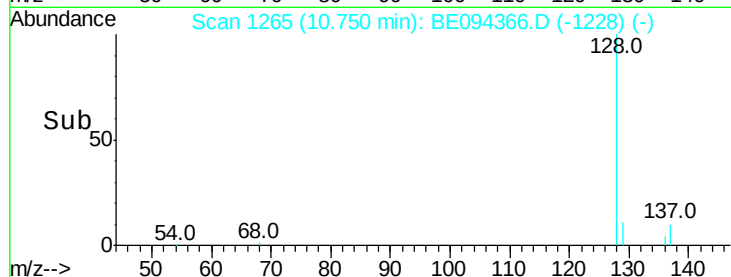
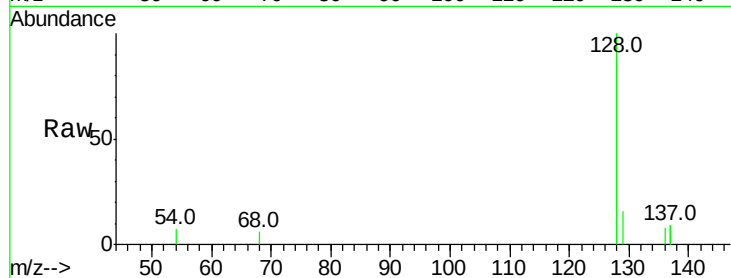
ClientSampleId :

C0AF1DL

Tot Ion:	128	Resp:	2129
Ion Ratio	Lower	Upper	
128	100		
129	16.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.101 ng/ul

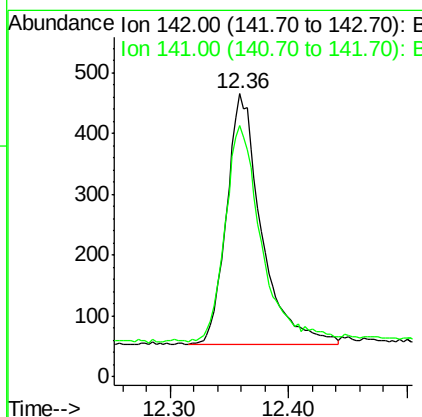
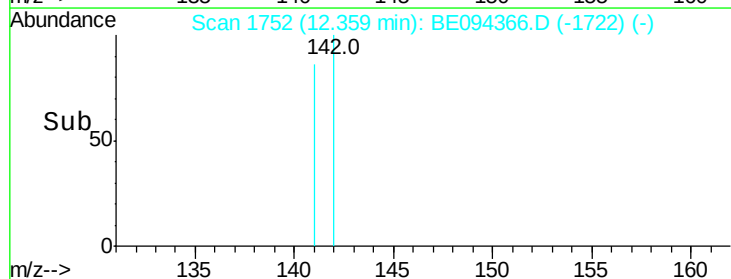
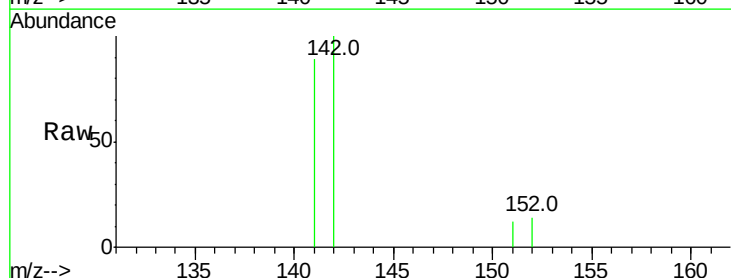
RT: 12.36 min Scan# 1752

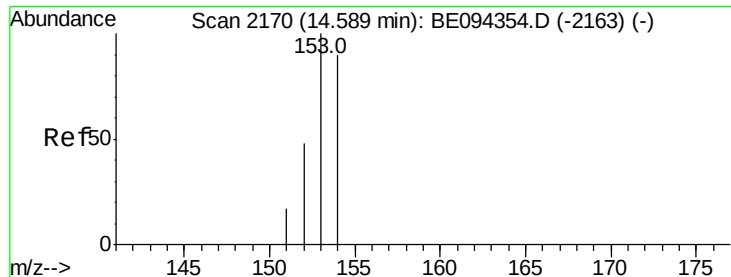
Delta R.T. -0.01 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Tgt Ion:	142	Resp:	840
Ion Ratio	Lower	Upper	
142	100		
141	89.9	72.6	108.8





#8

Acenaphthene

Concen: 0.230 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

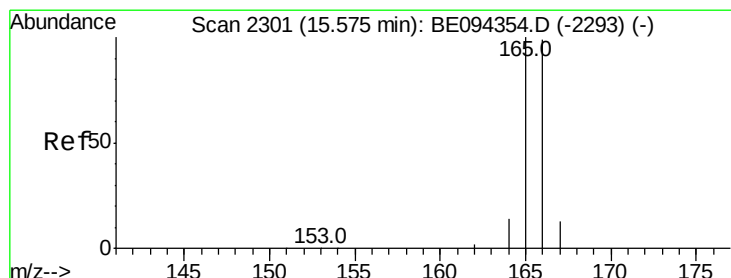
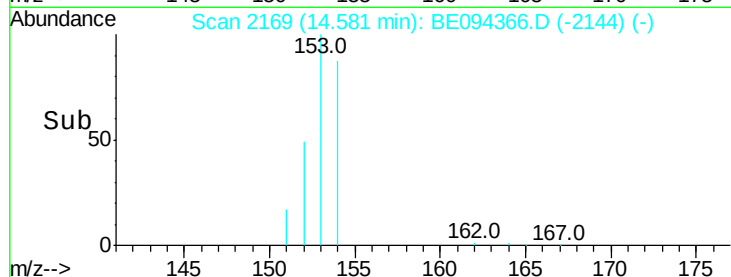
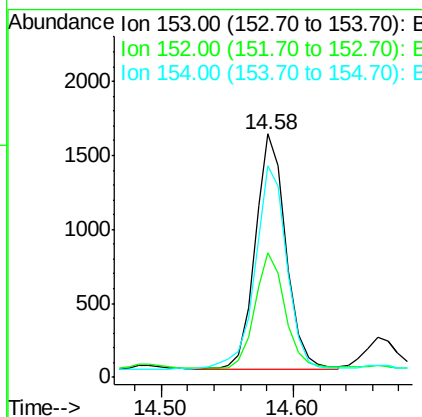
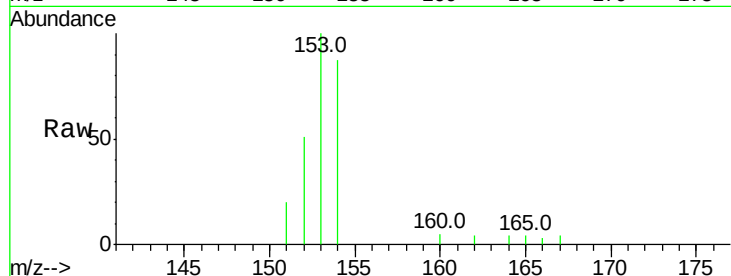
ClientSampleId :

C0AF1DL

Tot Ion:	153	Resp:	2544
Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.3	60.5
154	86.8	71.4	107.2

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#9

Fluorene

Concen: 0.329 ng/ul

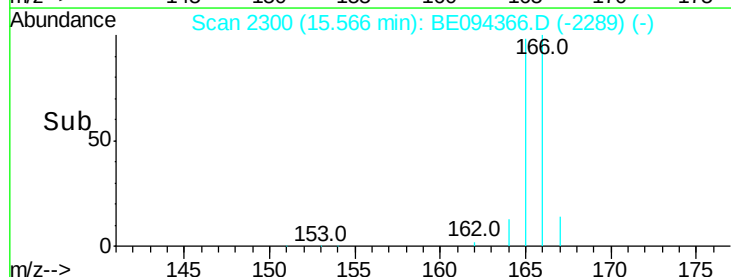
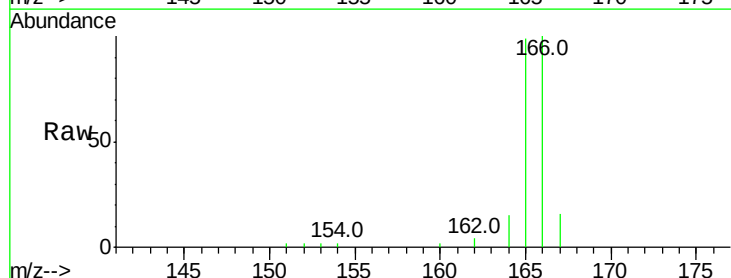
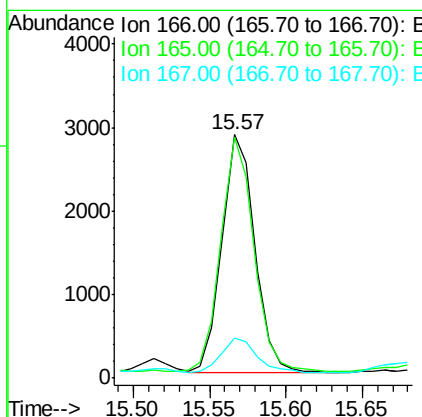
RT: 15.57 min Scan# 2300

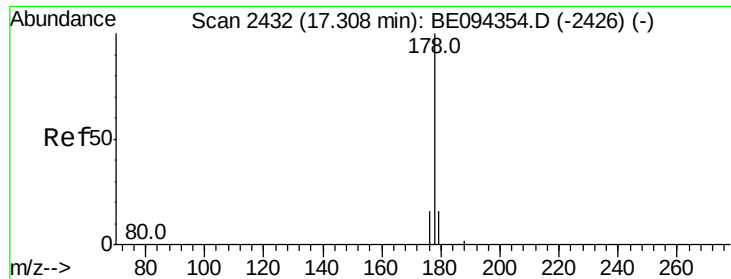
Delta R.T. -0.02 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Tgt Ion:	166	Resp:	4263
Ion	Ratio	Lower	Upper
166	100		
165	99.1	73.4	110.2
167	16.3	14.6	22.0





#12

Phenanthrene

Concen: 3.442 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

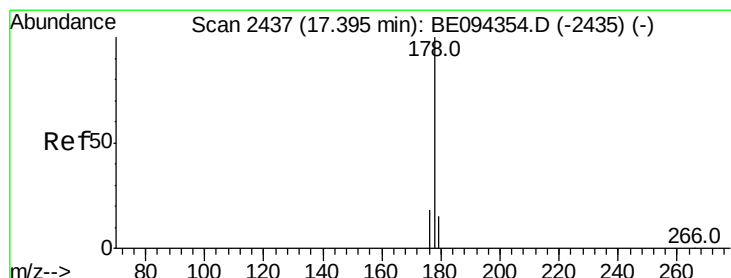
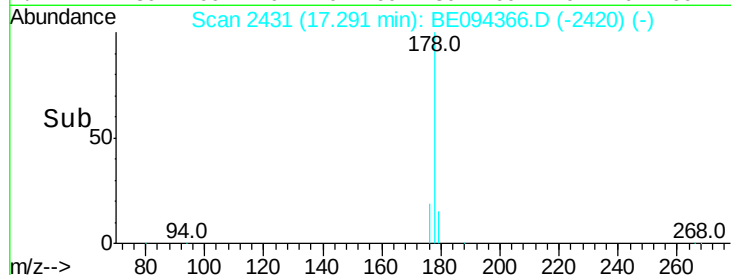
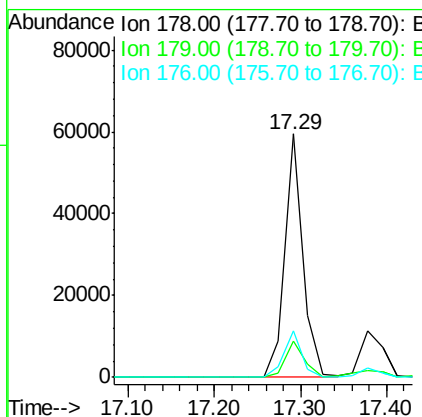
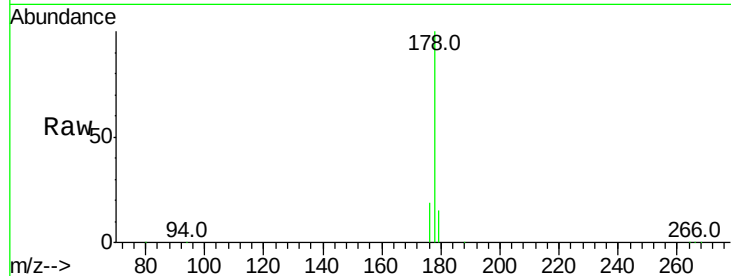
ClientSampleId :

C0AF1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6#
176	19.0	13.6	20.4

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#13

Anthracene

Concen: 0.843 ng/ul

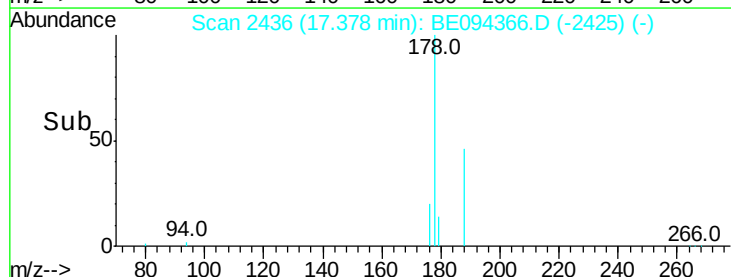
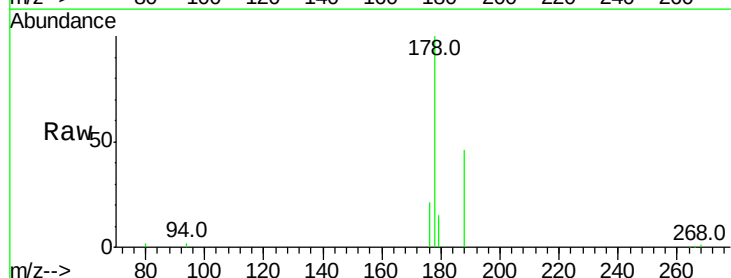
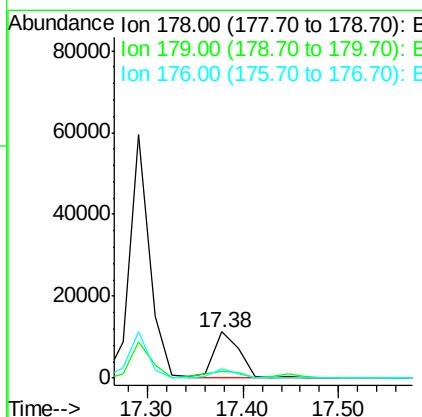
RT: 17.38 min Scan# 2436

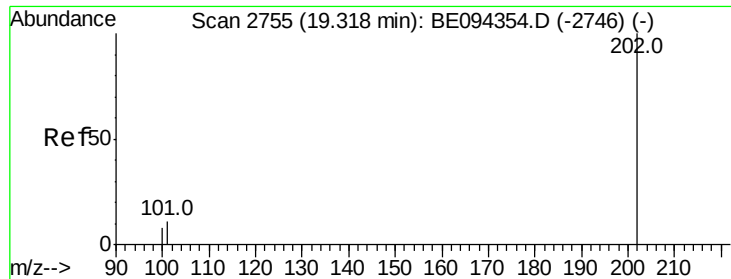
Delta R.T. -0.02 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.1	27.1#
176	20.8	14.7	22.1





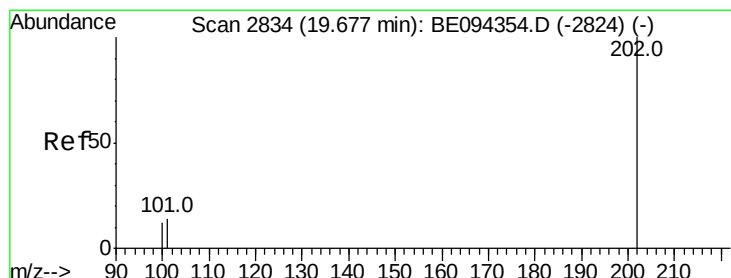
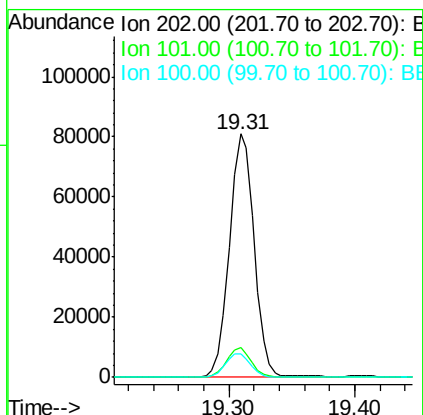
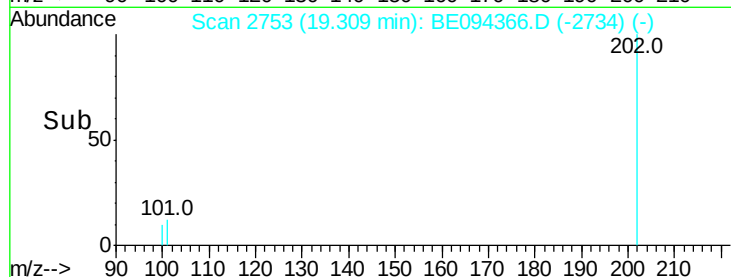
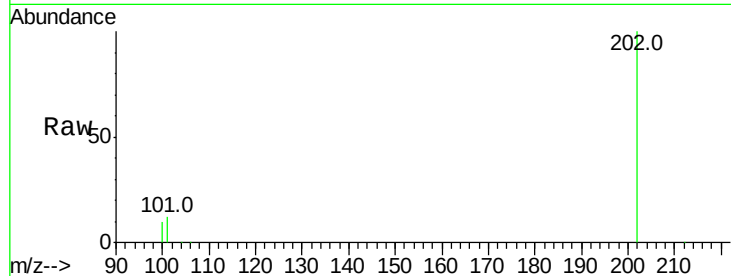
#15
Fluoranthene
Concen: 3.285 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094366.D
Acq: 14 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
C0AF1DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	30.3
100	9.7	0.0	39.5

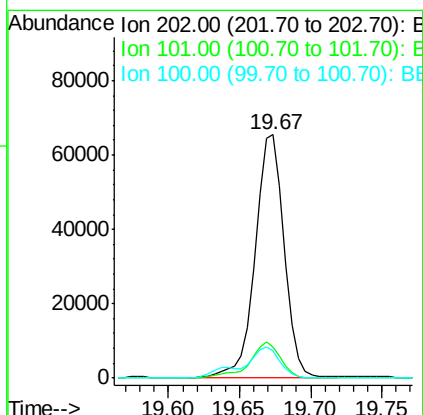
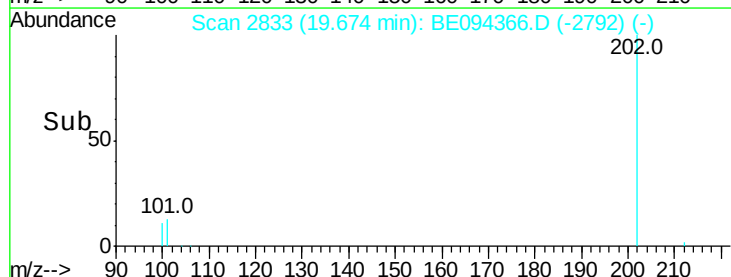
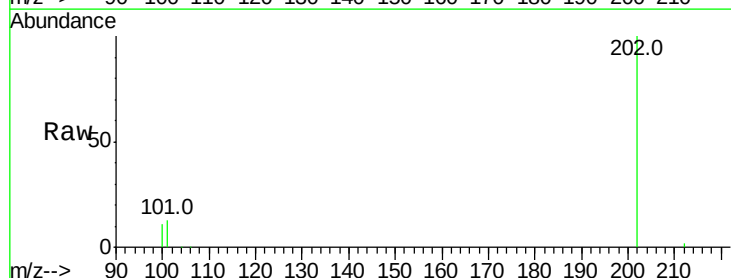
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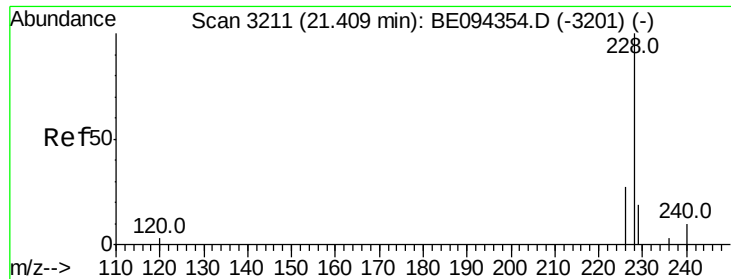
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#17
Pyrene
Concen: 3.042 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094366.D
Acq: 14 Oct 2017 21:52

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	18.2	27.4#
100	11.1	15.6	23.4#





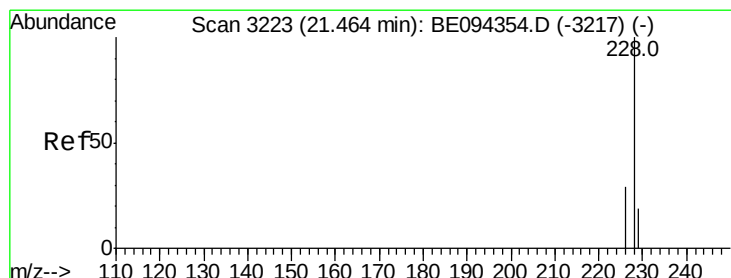
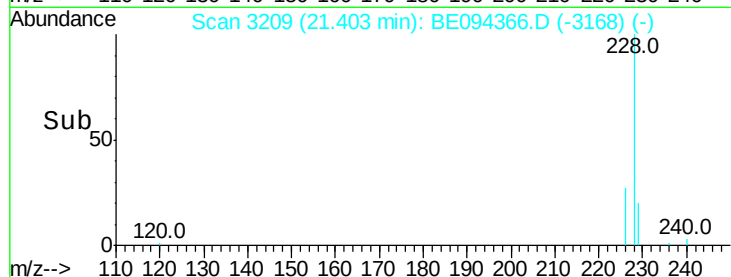
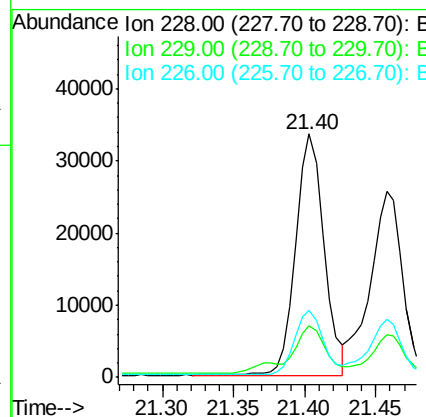
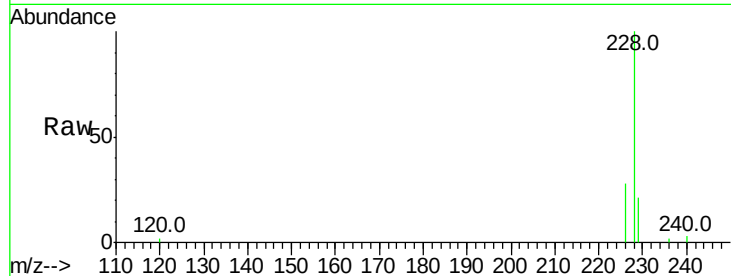
#18
Benzo(a)anthracene
Concen: 1.560 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094366.D
Acq: 14 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	27.6	17.0	25.6#

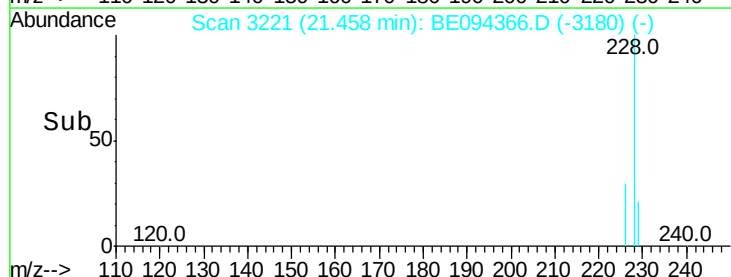
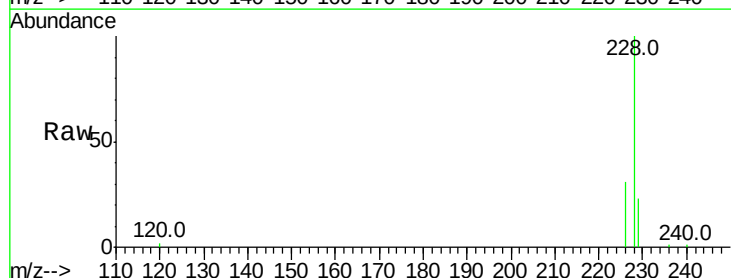
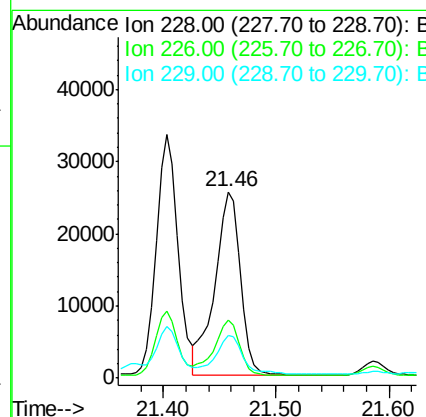
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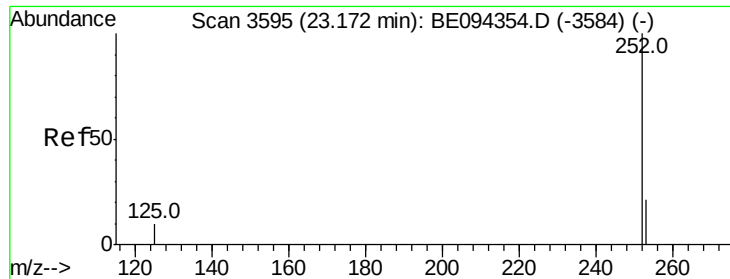
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#19
Chrysene
Concen: 1.212 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094366.D
Acq: 14 Oct 2017 21:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	23.0	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 1.422 ng/ul m

RT: 23.17 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

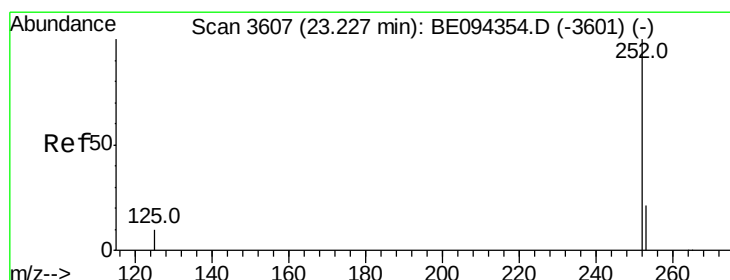
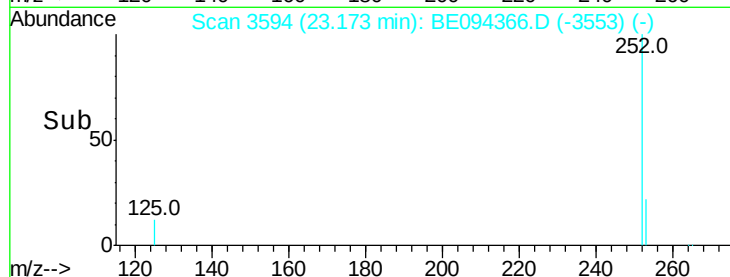
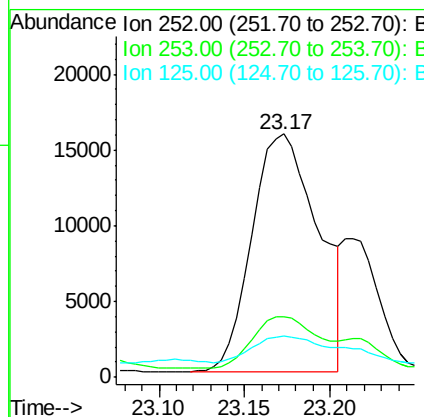
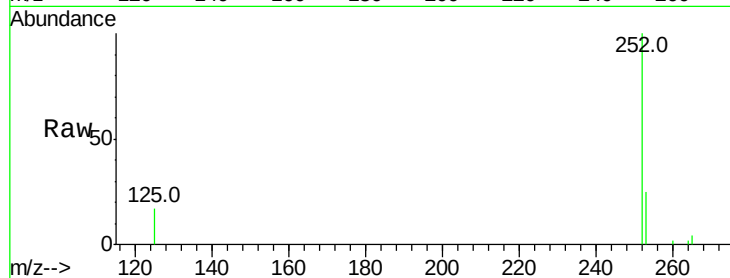
ClientSampleId :

C0AF1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	64.2
125	17.0	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.371 ng/ul m

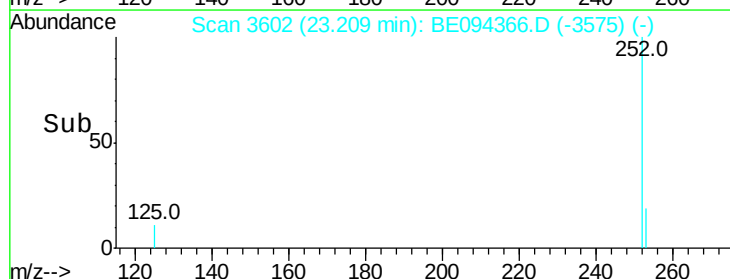
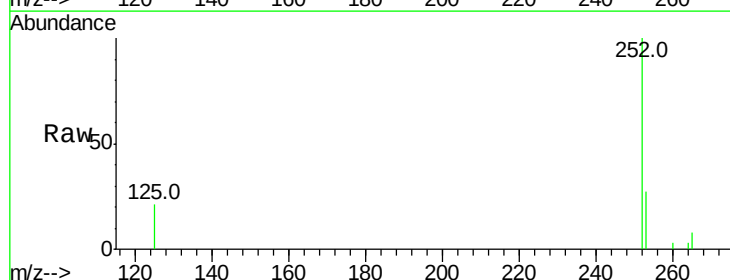
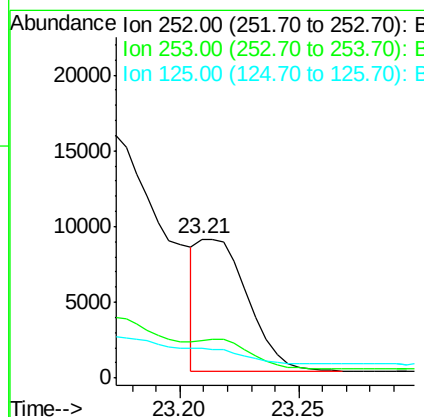
RT: 23.21 min Scan# 3602

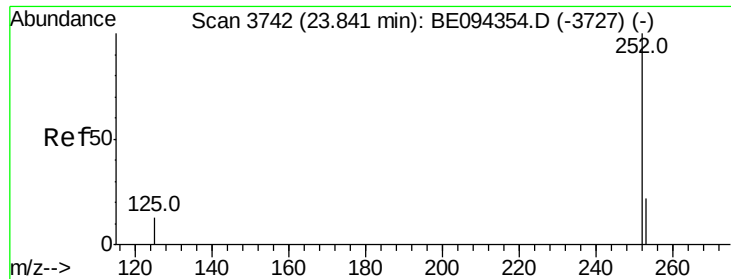
Delta R.T. -0.03 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	24.5	36.7
125	21.1	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.957 ng/ul

RT: 23.83 min Scan# 3738

Delta R.T. -0.03 min

Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Instrument :

BNA_E

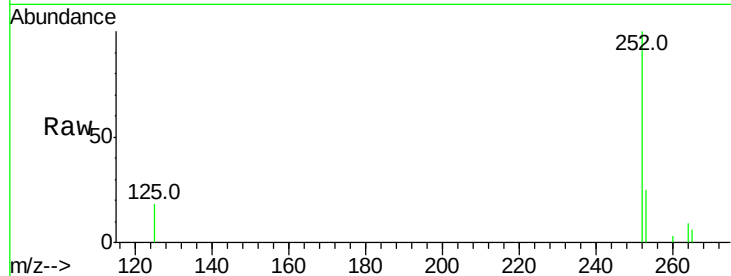
ClientSampleId :

C0AF1DL

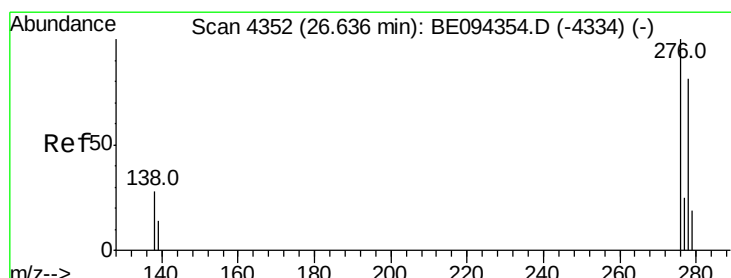
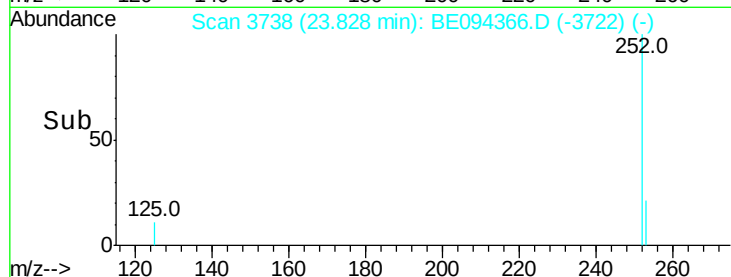
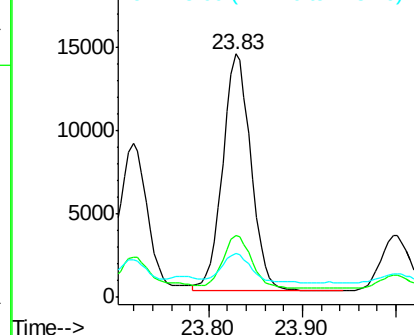
Tot Ion:	252	Resp:	29699
Ion Ratio	Lower	Upper	
252	100		
253	25.5	28.5	42.7#
125	17.9	18.1	27.1#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.514 ng/ul

RT: 26.62 min Scan# 4348

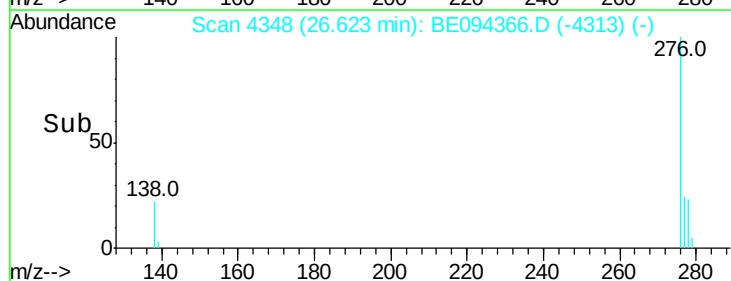
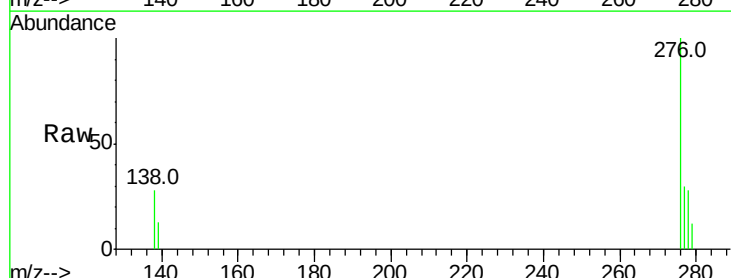
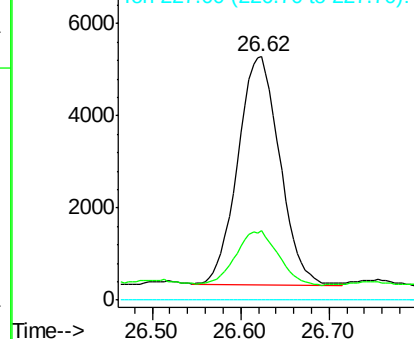
Delta R.T. -0.04 min

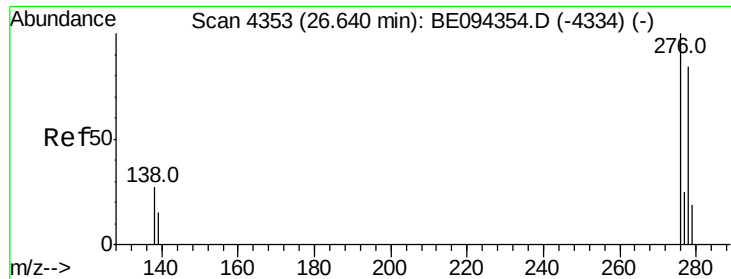
Lab File: BE094366.D

Acq: 14 Oct 2017 21:52

Tgt Ion:	276	Resp:	16324
Ion Ratio	Lower	Upper	
276	100		
138	24.0	28.0	42.0#
227	0.0	8.0	12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





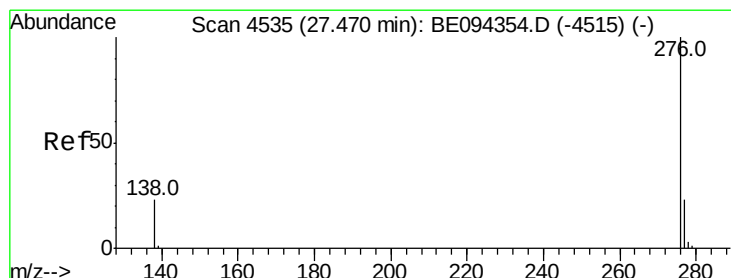
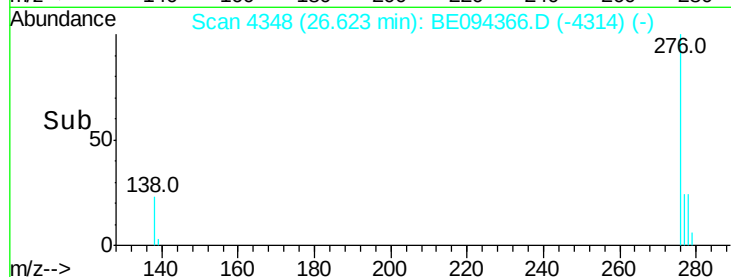
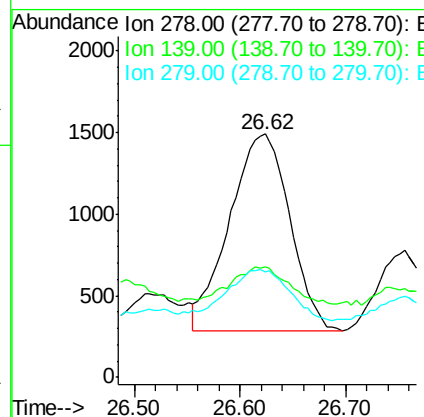
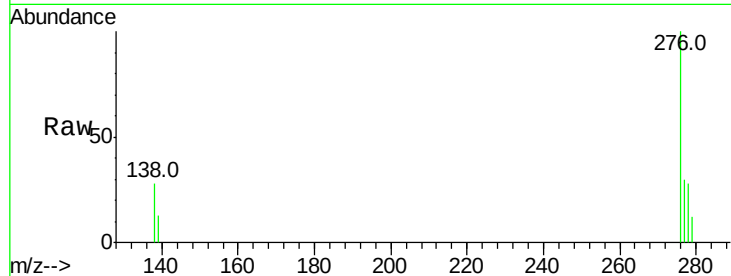
#25
Dibenzo(a,h)anthracene
Concen: 0.179 ng/uL
RT: 26.62 min Scan# 4348
Delta R.T. -0.04 min
Lab File: BE094366.D
Acq: 14 Oct 2017 21:52

Instrument :
BNA_E
ClientSampleID :
C0AF1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	45.2	17.4	26.0#
279	43.4	25.9	38.9#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:20 PM



#26
Benzo(g,h,i)perylene
Concen: 0.482 ng/uL
RT: 27.46 min Scan# 4531
Delta R.T. -0.04 min
Lab File: BE094366.D
Acq: 14 Oct 2017 21:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	21.8	32.8
277	30.8	20.5	30.7#

