

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094378.D
 Acq On : 15 Oct 2017 5:13
 Operator : SJ/JU
 Sample : I5548-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Manual Integrations
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Sohil
 10/16/2017 8:25:43 PM

Quant Time: Oct 16 05:57:35 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1504	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8098	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5181	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11329m	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10171	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	11282m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3803	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	9747	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	5462	0.275	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	3840	0.298	ng/ul	98
7) Acenaphthylene	14.24	152	3280	0.162	ng/ul#	94
8) Acenaphthene	14.58	153	41512	2.496	ng/ul	97
9) Fluorene	15.57	166	48438	2.488	ng/ul#	93
12) Phenanthrene	17.29	178	788541	26.636	ng/ul#	85
13) Anthracene	17.40	178	180375	6.265	ng/ul#	91
15) Fluoranthene	19.31	202	1094648	28.140	ng/ul	84
17) Pyrene	19.68	202	862873	30.491	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	438958	16.268	ng/ul#	86
19) Chrysene	21.46	228	378117	12.135	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	411257	13.419	ng/ul	85
22) Benzo(k)fluoranthene	23.22	252	175455m	4.953	ng/ul	
23) Benzo(a)pyrene	23.84	252	311035m	9.767	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.63	276	191677m	5.884	ng/ul	
25) Dibenzo(a,h)anthracene	26.63	278	52236m	1.912	ng/ul	
26) Benzo(a,h,i)perylene	27.46	276	153062m	5.447	ng/ul	

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

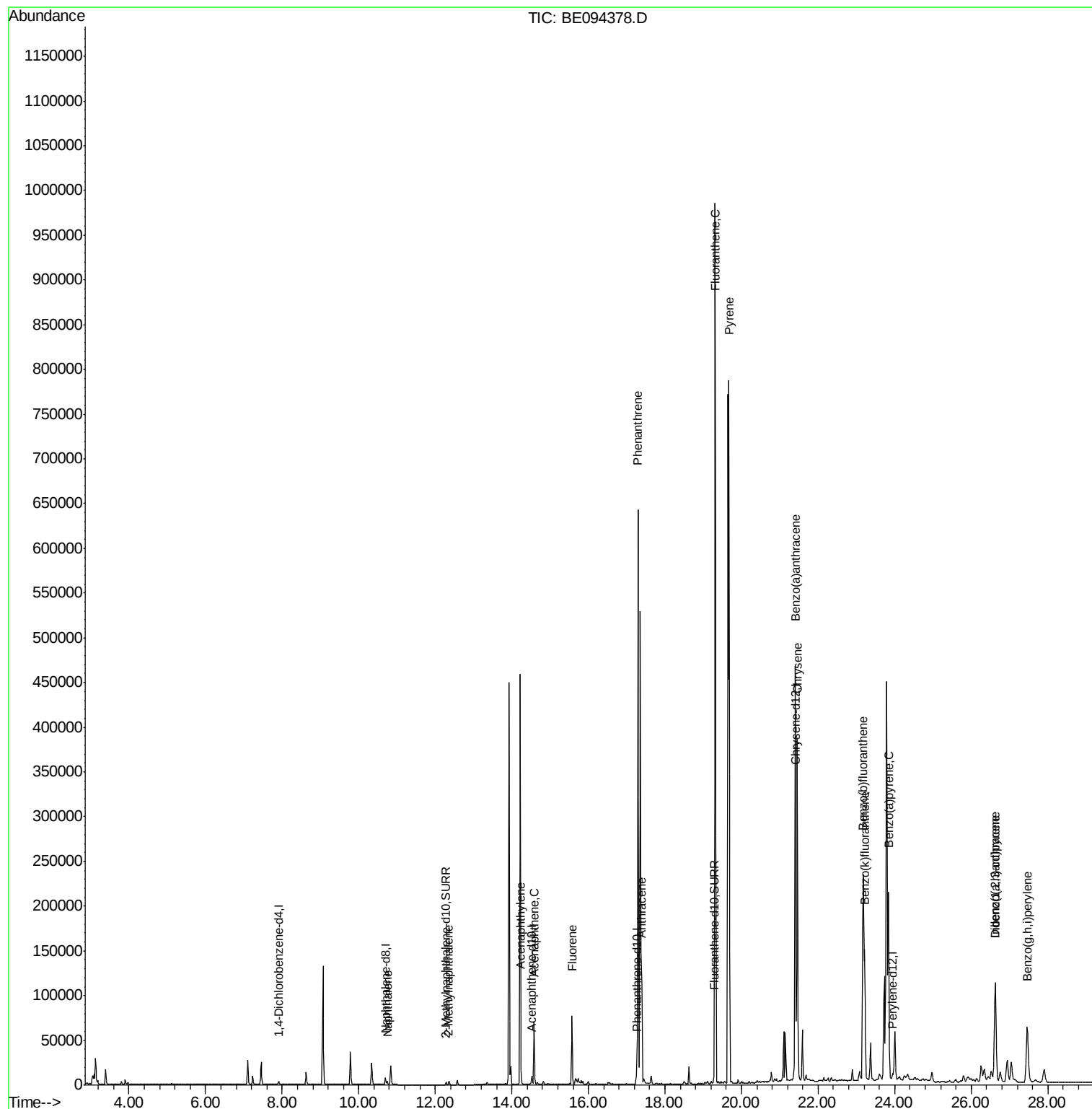
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
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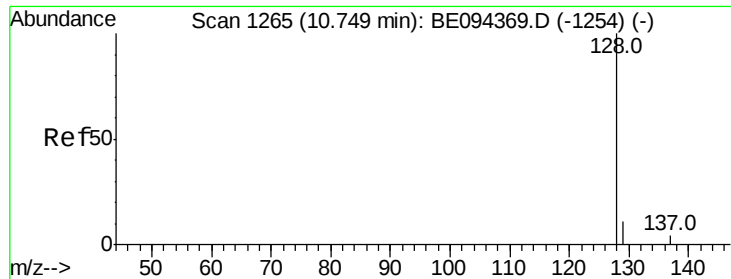
Instrument :
BNA_E
ClientSampled :
C0AB9

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Quant Time: Oct 16 05:57:35 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Mon Oct 16 05:09:03 2017
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#3

Naphthalene

Concen: 0.275 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Instrument :

BNA_E

ClientSampleId :

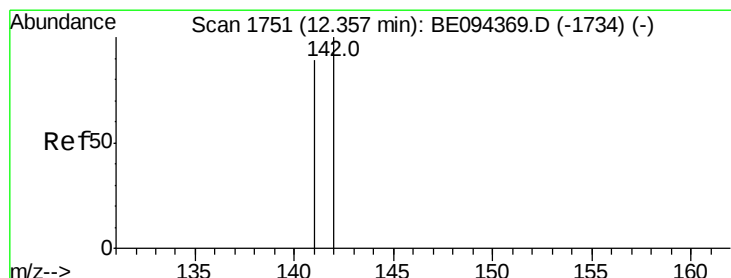
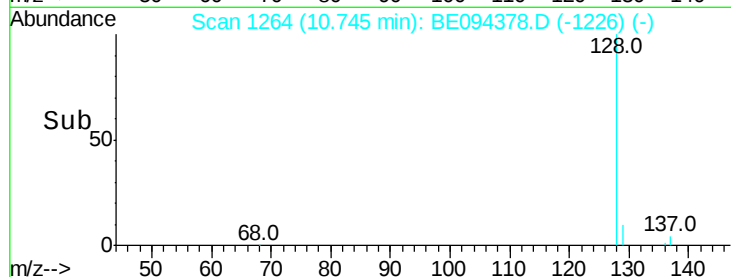
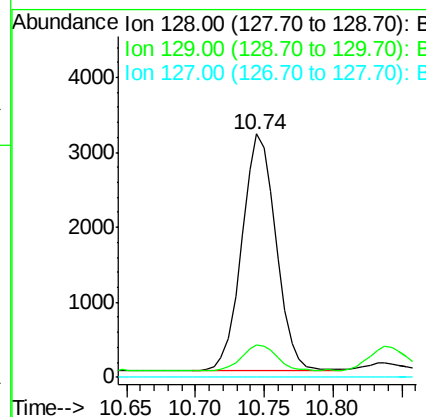
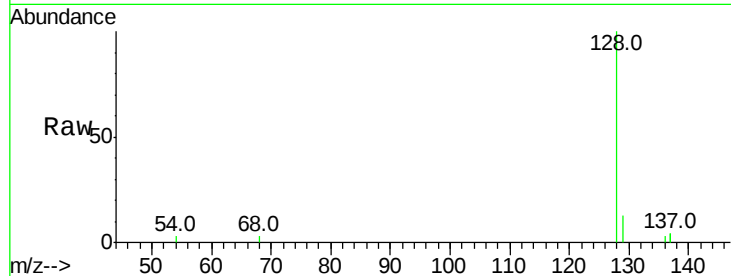
C0AB9

Tot Ion:128 Resp: 5462

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.298 ng/ul

RT: 12.35 min Scan# 1750

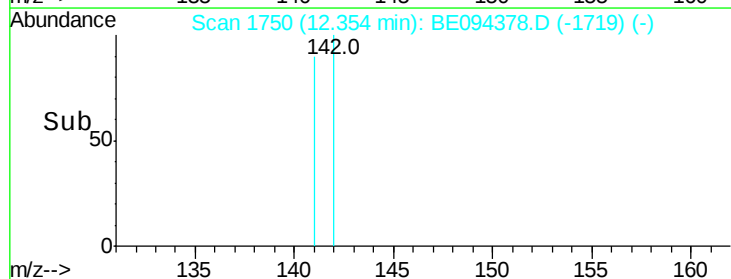
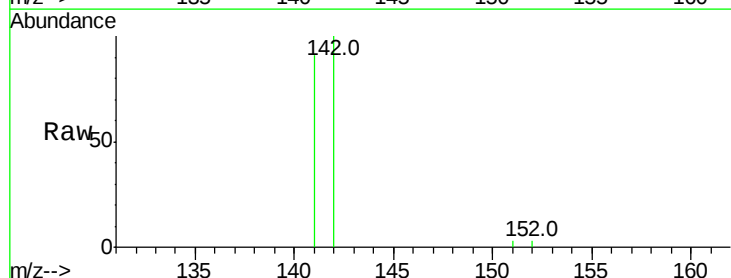
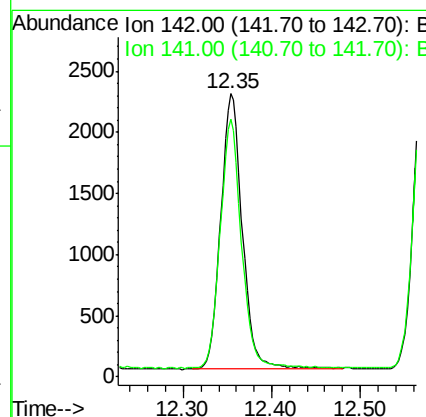
Delta R.T. -0.00 min

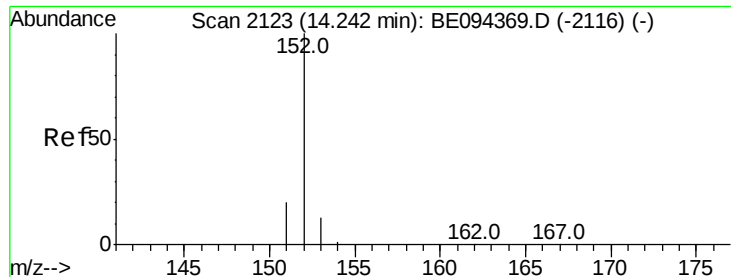
Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Tgt Ion:142 Resp: 3840

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.162 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Instrument :

BNA_E

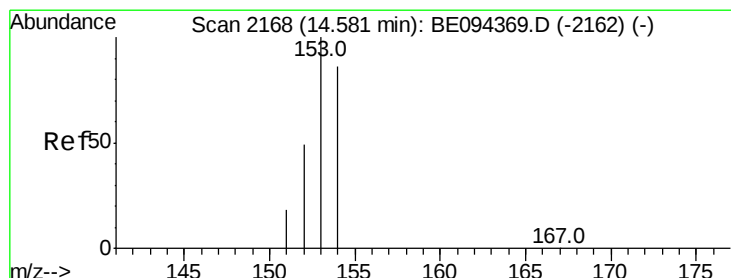
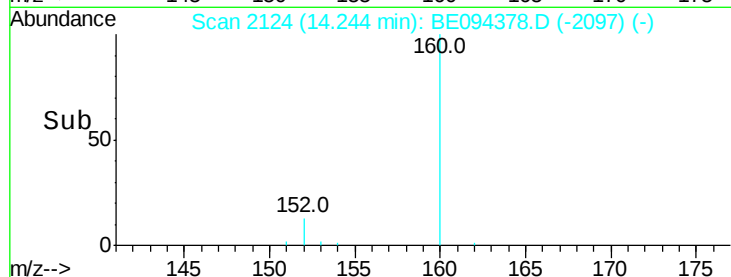
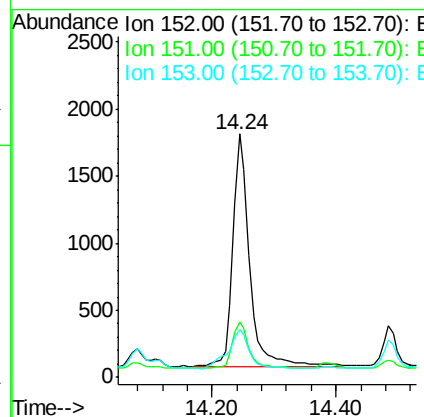
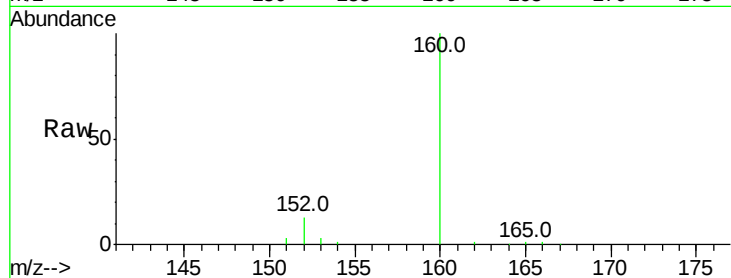
ClientSampleId :

C0AB9

Tot Ion:	152	Resp:	3280
Ion Ratio	Lower	Upper	
152	100		
151	23.0	17.1	25.7
153	19.8	12.8	19.2

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#8

Acenaphthene

Concen: 2.496 ng/ul

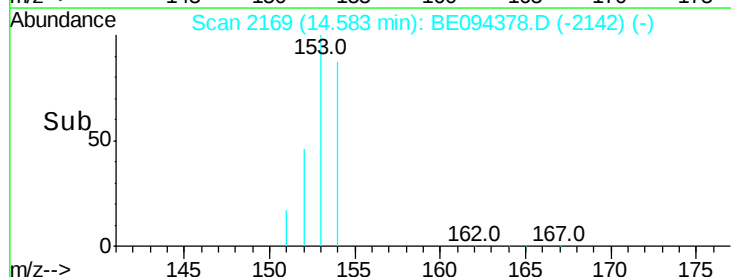
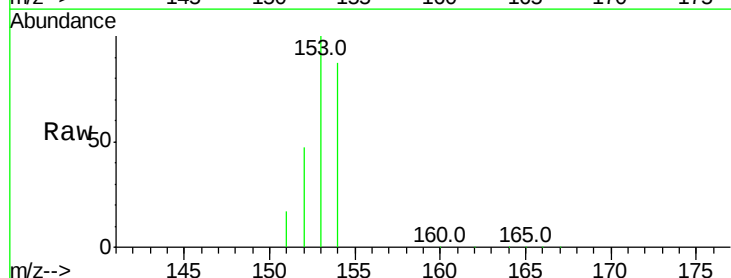
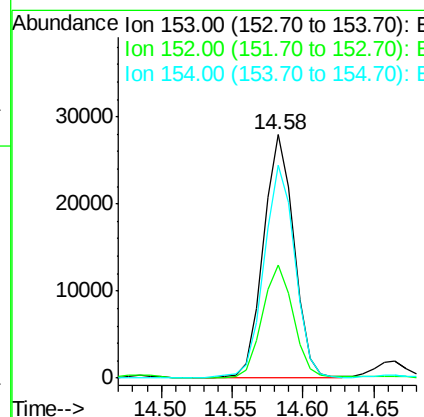
RT: 14.58 min Scan# 2169

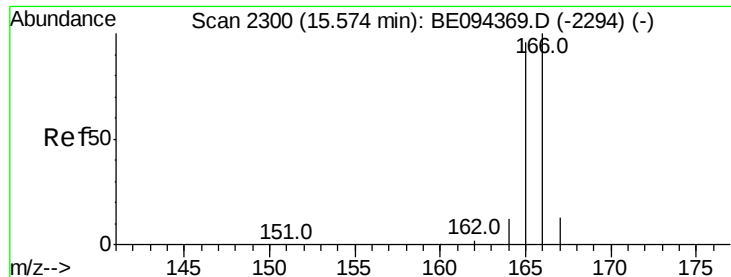
Delta R.T. 0.00 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Tgt Ion:	153	Resp:	41512
Ion Ratio	Lower	Upper	
153	100		
152	46.7	40.3	60.5
154	87.2	71.4	107.2





#9

Fluorene

Concen: 2.488 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Instrument :

BNA_E

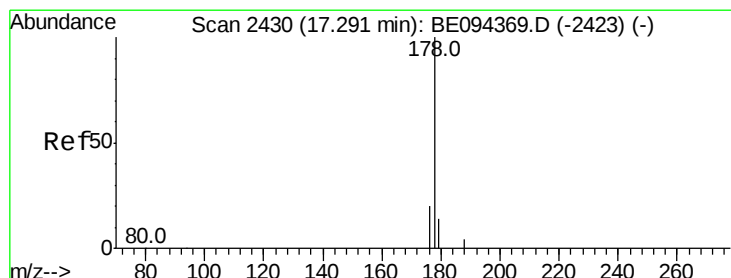
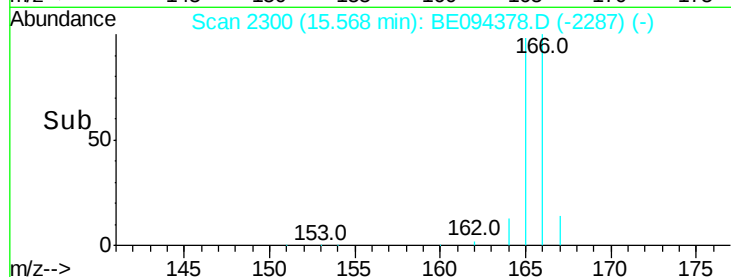
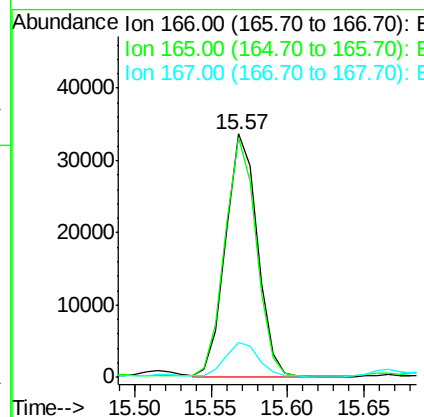
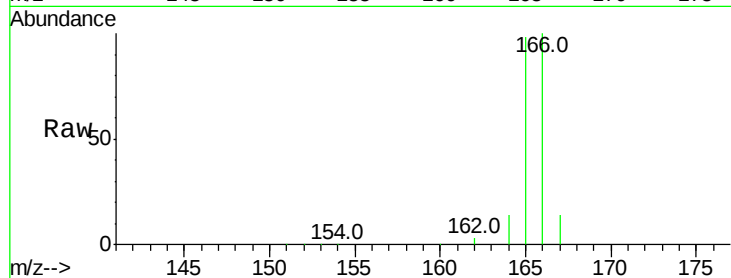
ClientSampleId :

C0AB9

Tot Ion:	166	Resp:	48438
Ion Ratio	Lower	Upper	
166	100		
165	98.3	73.4	110.2
167	14.1	14.6	22.0#

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#12

Phenanthrene

Concen: 26.636 ng/ul

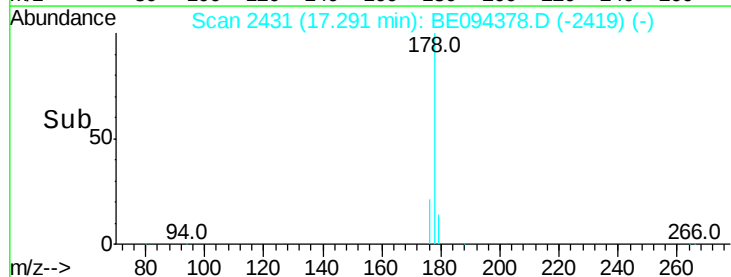
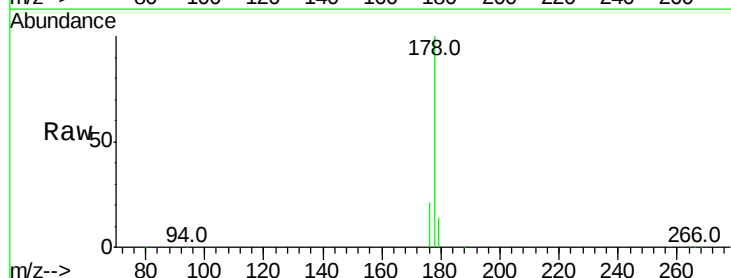
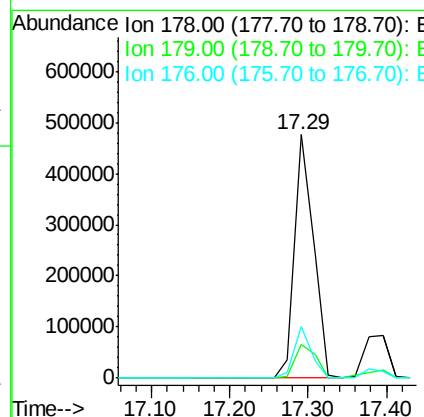
RT: 17.29 min Scan# 2431

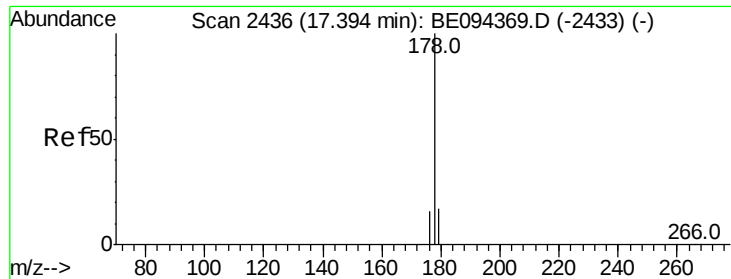
Delta R.T. 0.00 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Tgt Ion:	178	Resp:	788541
Ion Ratio	Lower	Upper	
178	100		
179	13.7	18.4	27.6#
176	21.2	13.6	20.4#





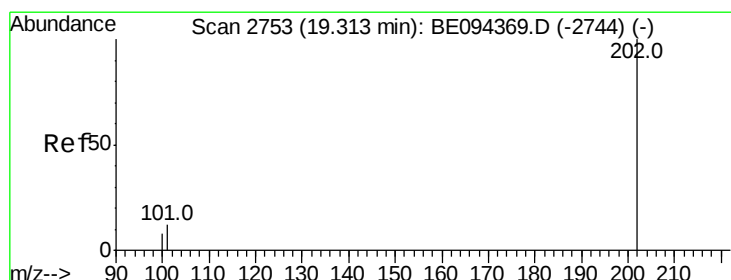
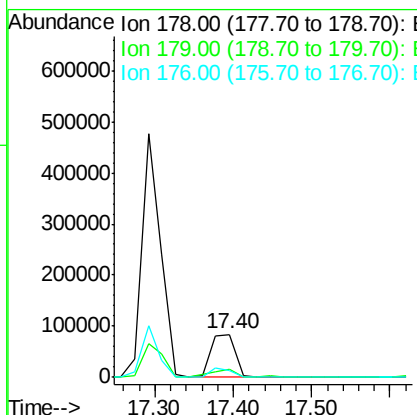
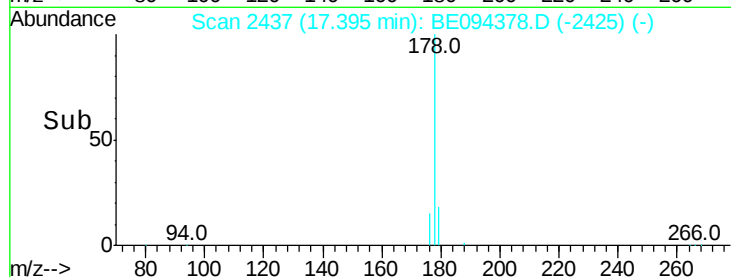
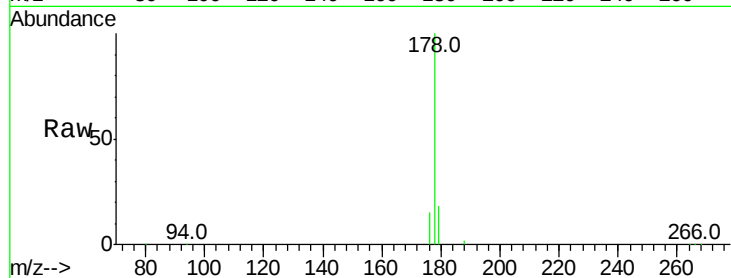
#13
 Anthracene
 Concen: 6.265 ng/ul
 RT: 17.40 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BE094378.D
 Acq: 15 Oct 2017 5:13

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.1	27.1#
176	15.1	14.7	22.1

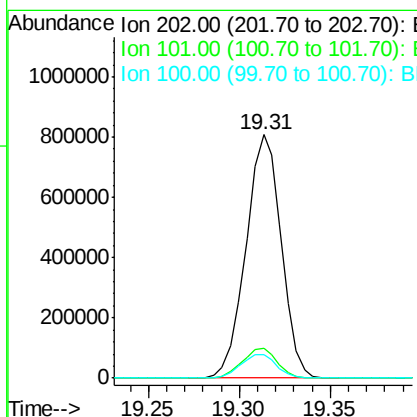
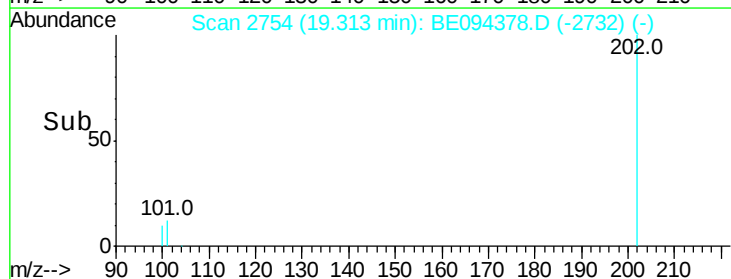
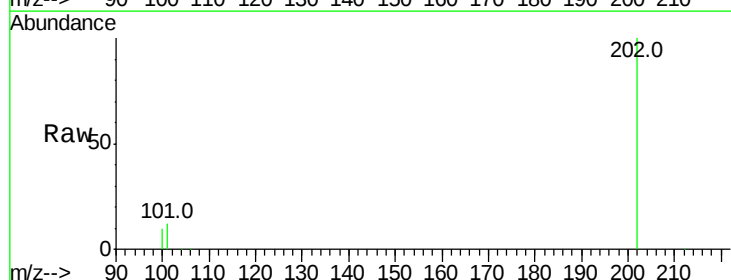
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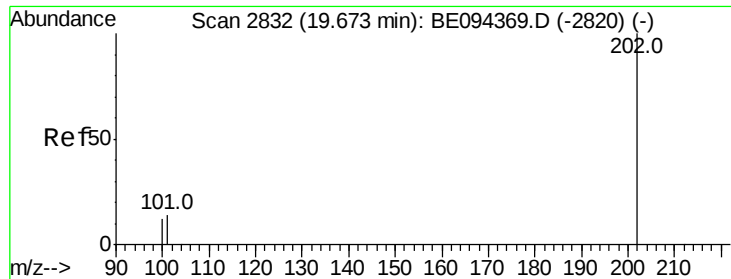
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#15
 Fluoranthene
 Concen: 28.140 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. 0.00 min
 Lab File: BE094378.D
 Acq: 15 Oct 2017 5:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
100	9.7	0.0	39.5





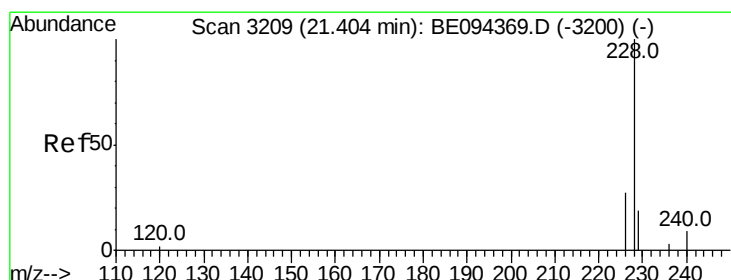
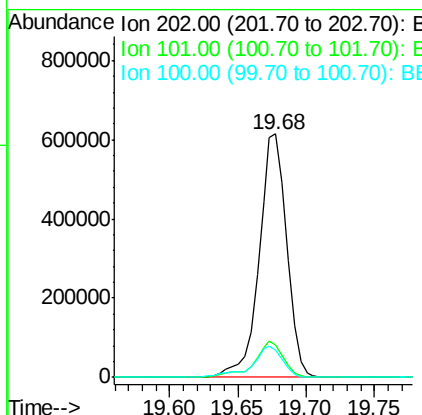
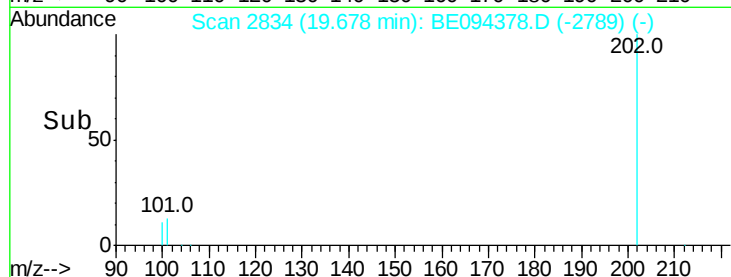
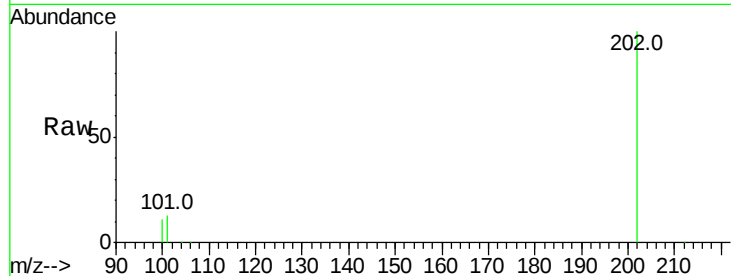
#17
Pvrene
Concen: 30.491 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BE094378.D
Acq: 15 Oct 2017 5:13

Instrument :
BNA_E
ClientSampleId :
C0AB9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	11.2	15.6	23.4#

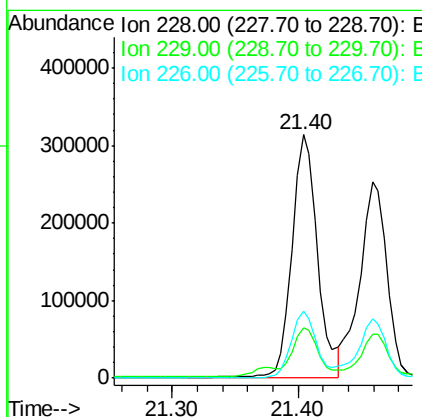
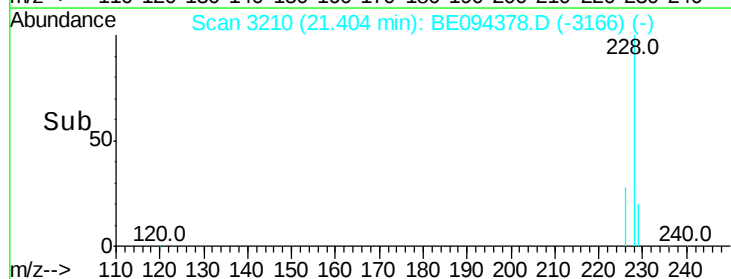
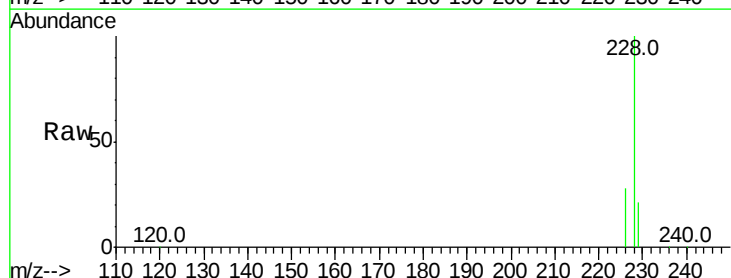
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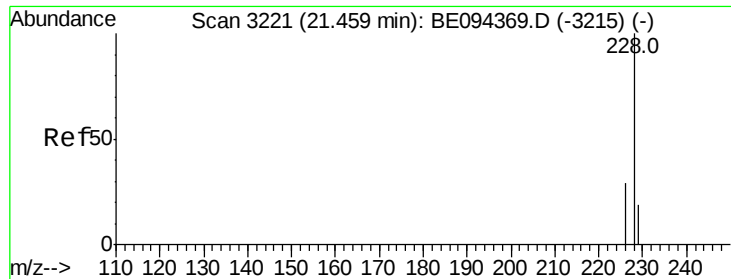
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#18
Benzo(a)anthracene
Concen: 16.268 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094378.D
Acq: 15 Oct 2017 5:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	27.7	17.0	25.6#





#19

Chrysene

Concen: 12.135 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Instrument :

BNA_E

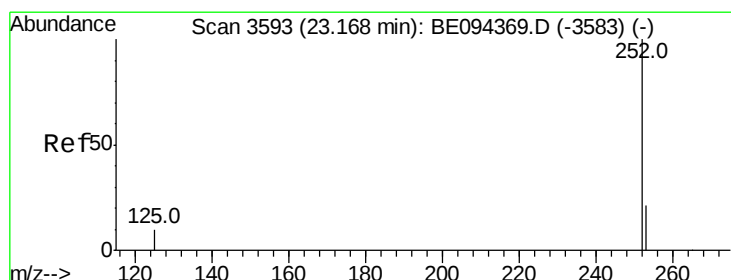
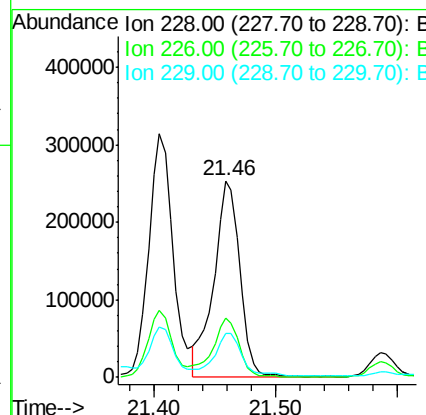
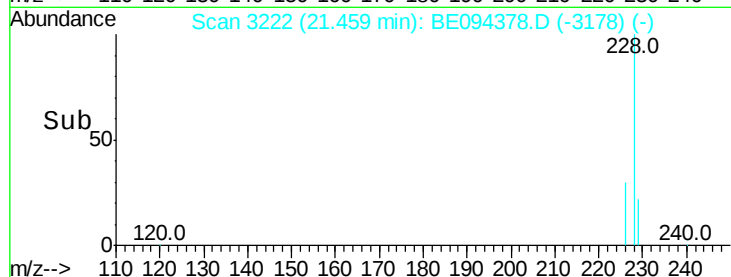
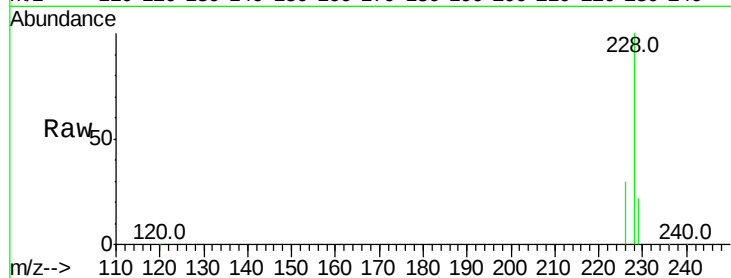
ClientSampleId :

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Tot Ion:	228	Resp:	378117
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	22.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 13.419 ng/ul

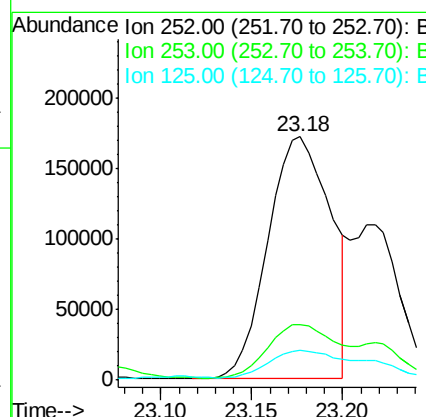
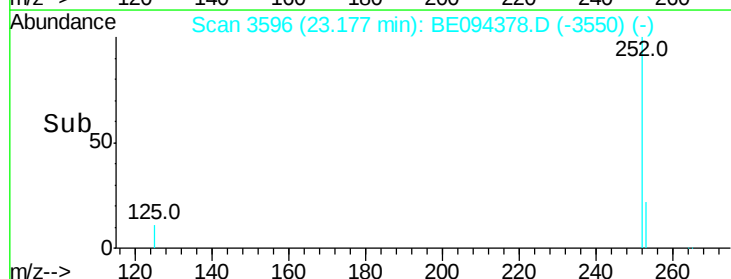
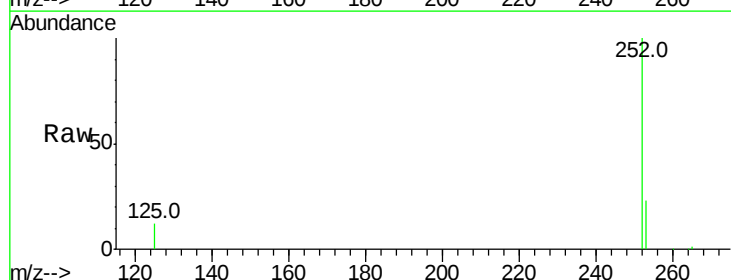
RT: 23.18 min Scan# 3596

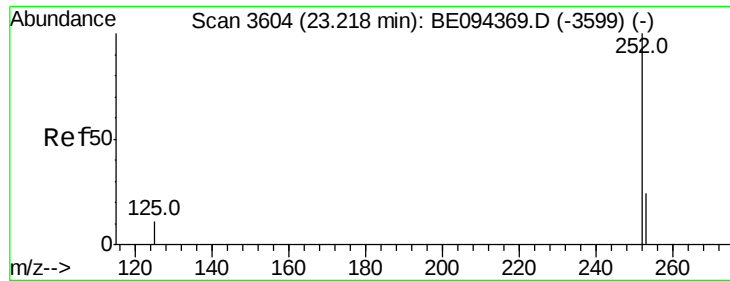
Delta R.T. 0.01 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Tgt Ion:	252	Resp:	411257
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	12.2	0.0	35.0





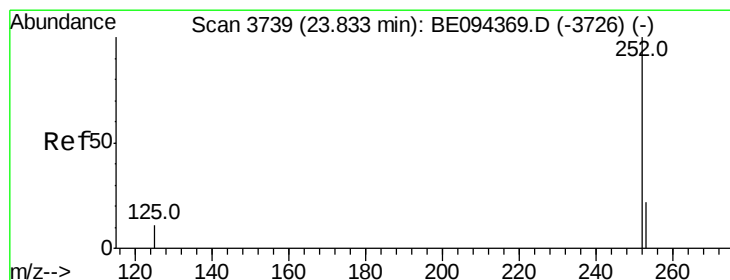
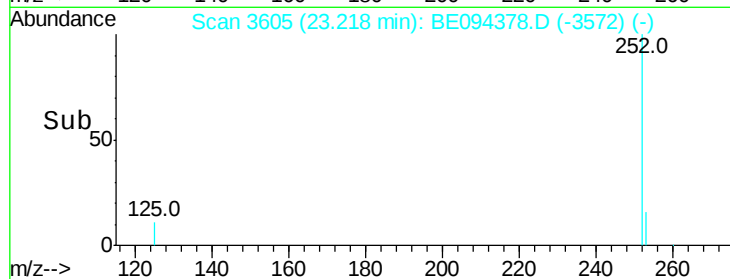
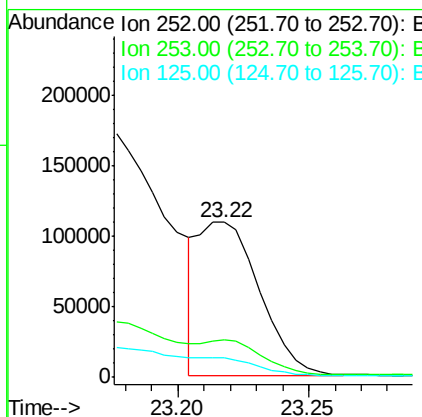
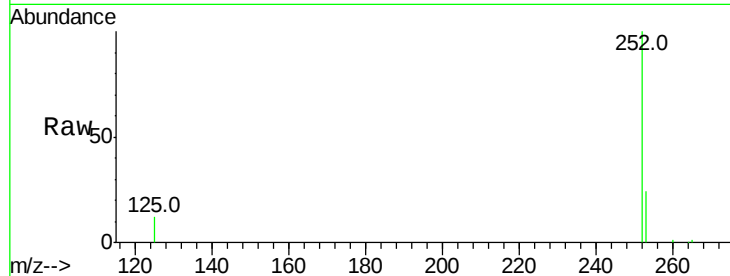
#22
Benzo(k)fluoranthene
Concen: 4.953 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.00 min
Lab File: BE094378.D
Acq: 15 Oct 2017 5:13

Instrument :
BNA_E
ClientSampleId :
C0AB9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	12.3	13.7	20.5#

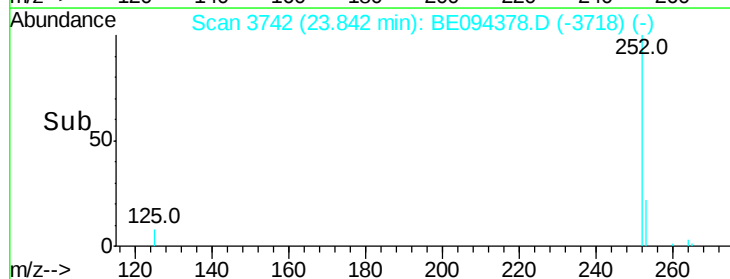
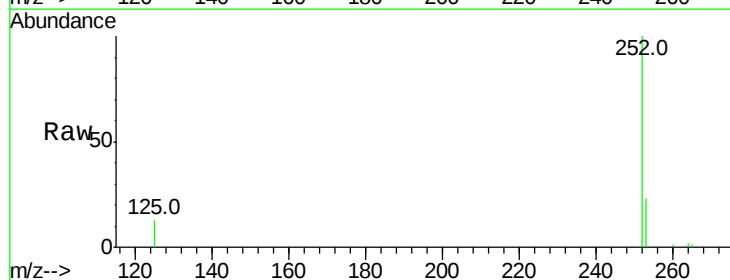
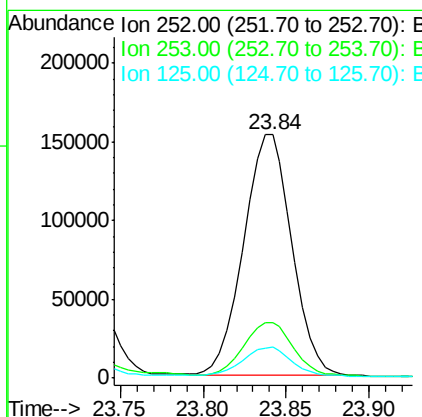
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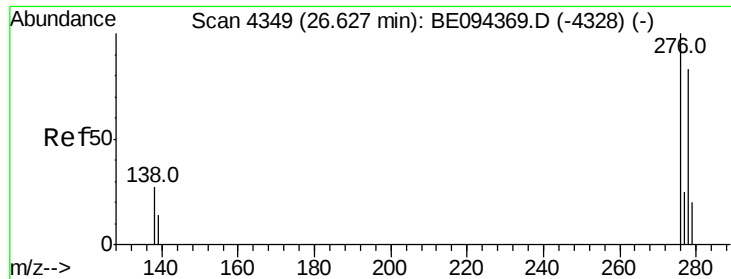
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#23
Benzo(a)pyrene
Concen: 9.767 ng/ul m
RT: 23.84 min Scan# 3742
Delta R.T. 0.01 min
Lab File: BE094378.D
Acq: 15 Oct 2017 5:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	12.7	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 5.884 ng/ul m

RT: 26.63 min Scan# 4350

Delta R.T. 0.00 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Instrument :

BNA_E

ClientSampleId :

C0AB9

Tot Ion:276 Resp: 191677

Ion Ratio Lower Upper

276 100

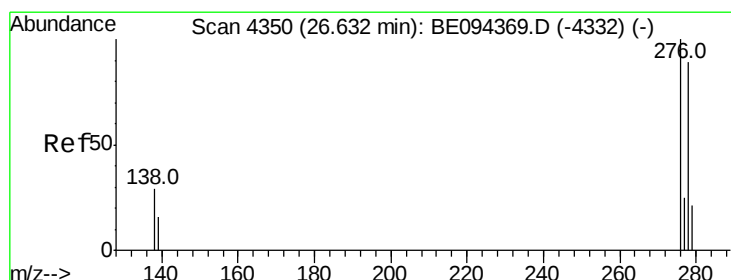
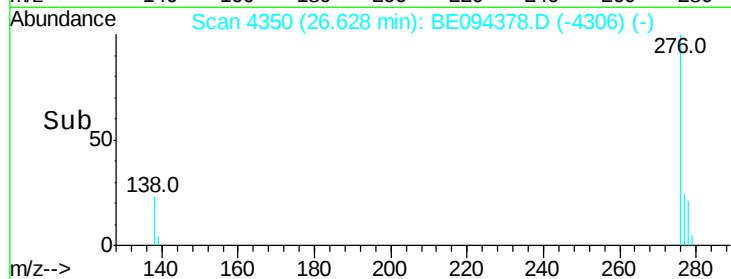
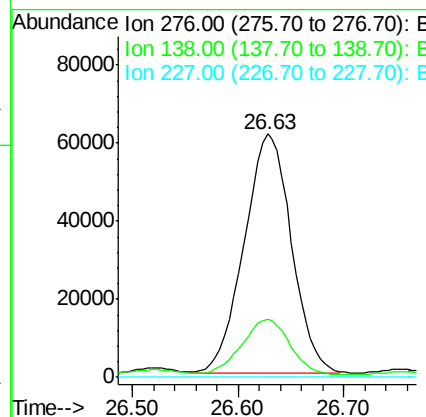
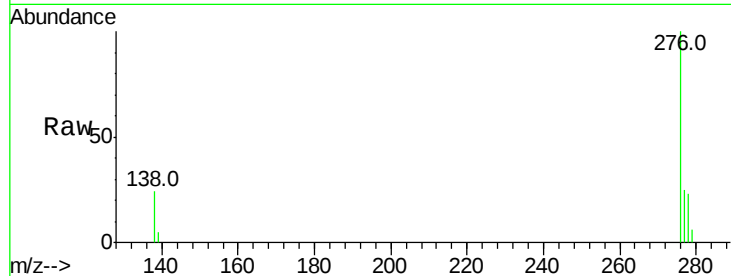
138 0.9 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil

10/16/2017 8:25:43 PM



#25

Dibenzo(a,h)anthracene

Concen: 1.912 ng/ul m

RT: 26.63 min Scan# 4350

Delta R.T. -0.00 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

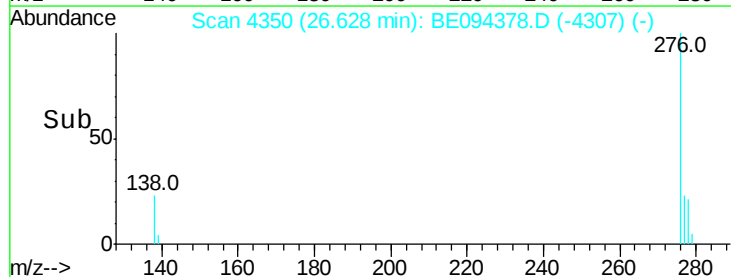
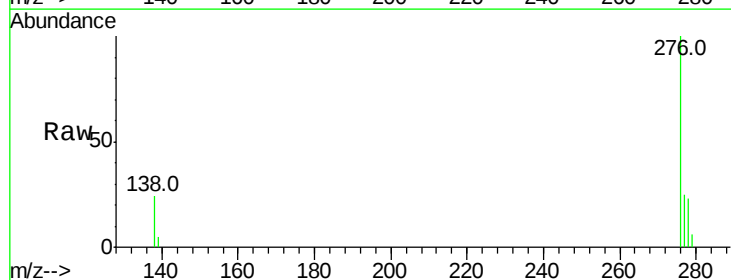
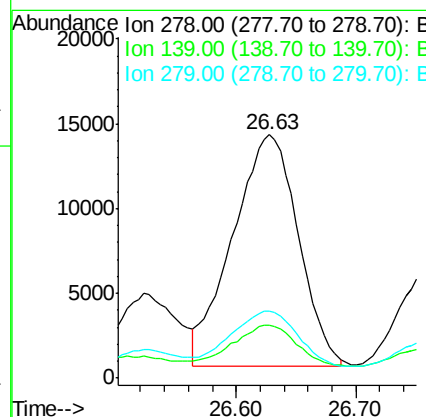
Tgt Ion:278 Resp: 52236

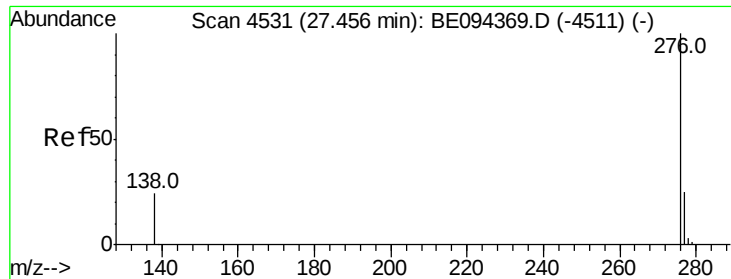
Ion Ratio Lower Upper

278 100

139 21.5 17.4 26.0

279 27.7 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 5.447 ng/ul m

RT: 27.46 min Scan# 4533

Delta R.T. 0.01 min

Lab File: BE094378.D

Acq: 15 Oct 2017 5:13

Instrument :

BNA_E

ClientSampleId :

C0AB9

Tot Ion:	276	Resp:	153062
Ion Ratio	Lower	Upper	
276	100		
138	24.2	21.8	32.8
277	25.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:43 PM

