

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094403.D
 Acq On : 15 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I5548-13DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:39 PM

Quant Time: Oct 16 08:15:13 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 07:45:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1945	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10381	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5871	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12290	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12587	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11665	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	645	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1432	0.03	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.76	128	870	0.034	ng/ul#	80
5) 2-Methylnaphthalene	12.36	142	535	0.032	ng/ul	100
7) Acenaphthylene	14.25	152	840	0.037	ng/ul#	75
8) Acenaphthene	14.59	153	547	0.029	ng/ul	95
9) Fluorene	15.57	166	543	0.025	ng/ul#	78
12) Phenanthrene	17.31	178	24703	0.769	ng/ul	95
13) Anthracene	17.40	178	3506m	0.112	ng/ul	
15) Fluoranthene	19.32	202	128687	3.050	ng/ul	84
17) Pyrene	19.68	202	113821	3.250	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	60658	1.817	ng/ul#	88
19) Chrysene	21.47	228	105696	2.741	ng/ul	95
21) Benzo(b)fluoranthene	23.19	252	165849m	5.234	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	57916m	1.581	ng/ul	
23) Benzo(a)pyrene	23.86	252	90674	2.754	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.66	276	81388	2.416	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.66	278	19215	0.680	ng/ul#	71
26) Benzo(a,h,i)perylene	27.50	276	72607	2.499	ng/ul	94

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

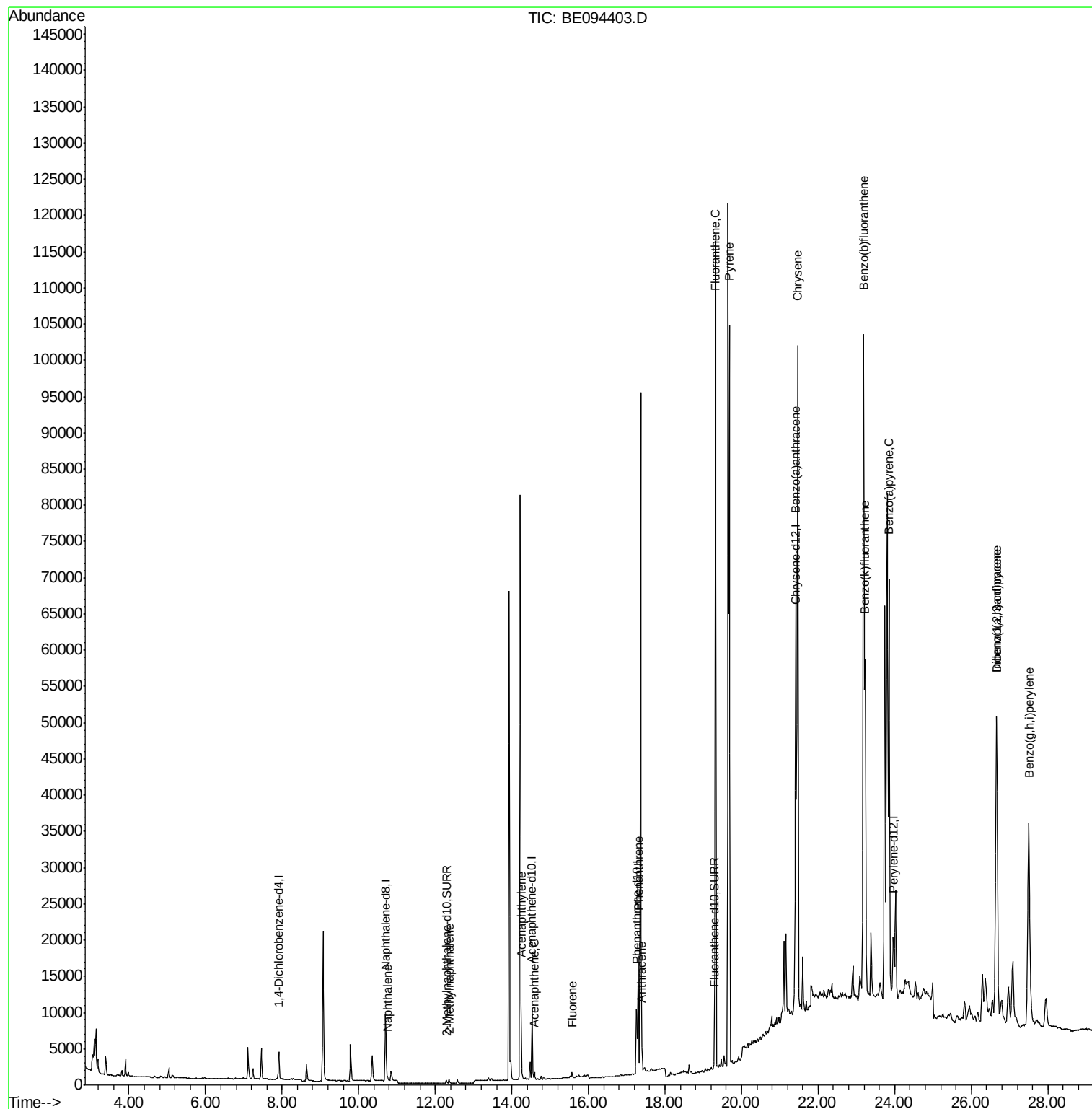
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094403.D
Acq On : 15 Oct 2017 21:14
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Sample : I5548-13DL 5X
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ALS Vial : 49 Sample Multiplier: 1

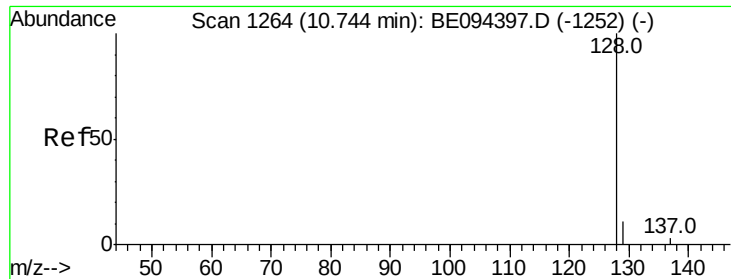
Instrument :
BNA_E
ClientSampleId :
C0AC9DL

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Quant Time: Oct 16 08:15:13 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 07:45:00 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.76 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

Instrument :

BNA_E

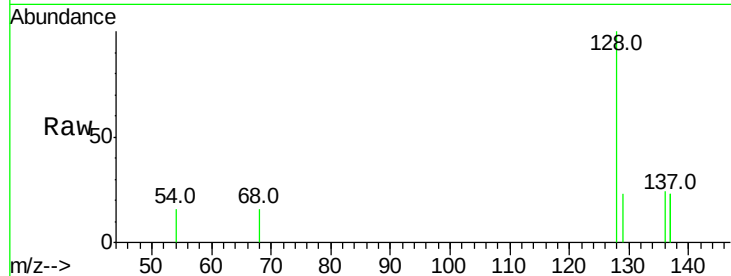
ClientSampleId :

C0AC9DL

Tot Ion:	128	Resp:	870
Ion	Ratio	Lower	Upper
128	100		
129	23.1	11.3	16.9#
127	0.0	4.0	6.0#

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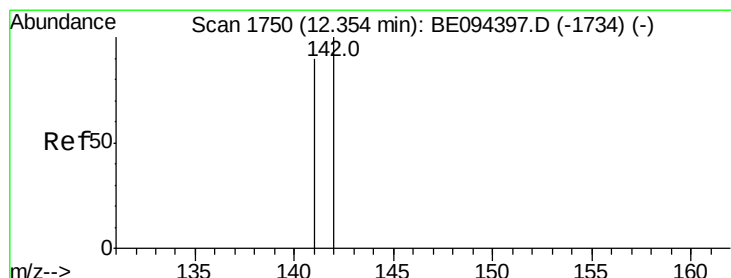
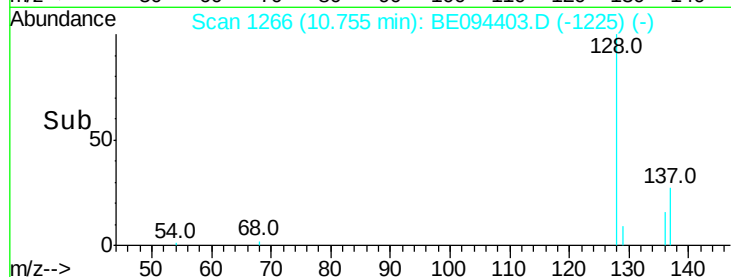
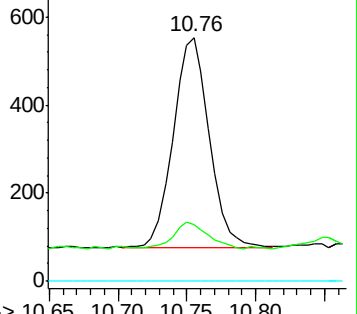
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

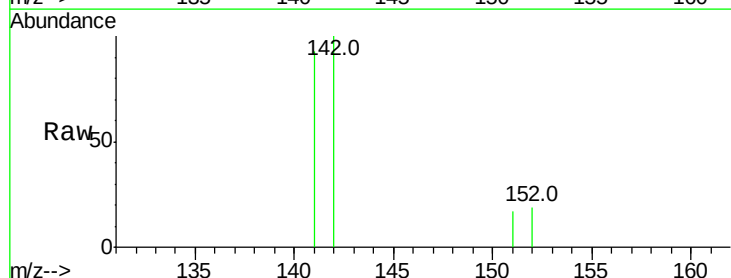
RT: 12.36 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BE094403.D

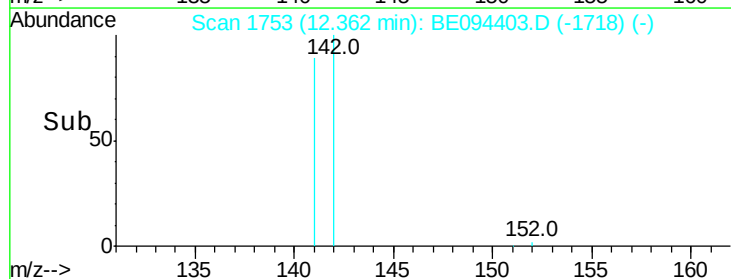
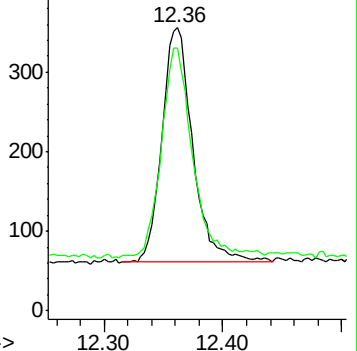
Acq: 15 Oct 2017 21:14

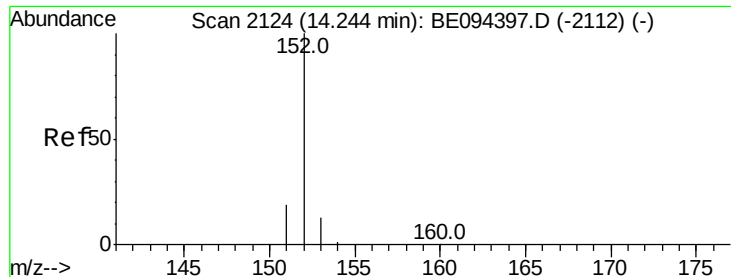
Tgt Ion:	142	Resp:	535
Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

Instrument :

BNA_E

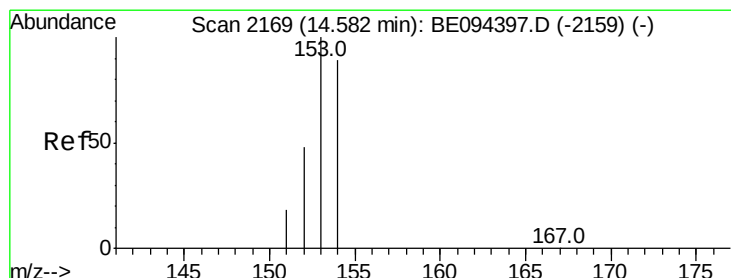
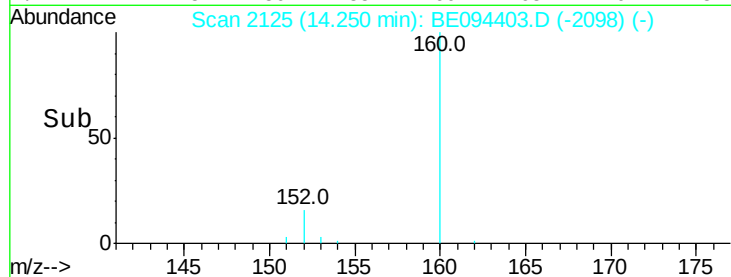
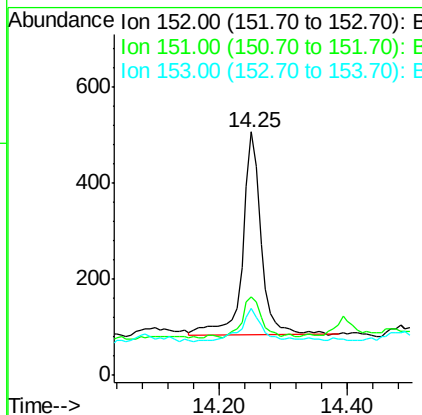
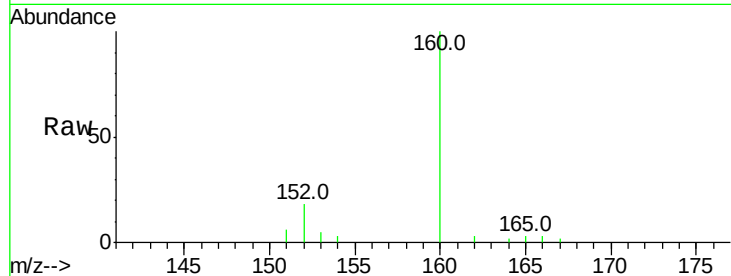
ClientSampleId :

C0AC9DL

Tot Ion:	152	Resp:	840
Ion Ratio	Lower	Upper	
152	100		
151	32.5	17.1	25.7#
153	27.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.029 ng/ul

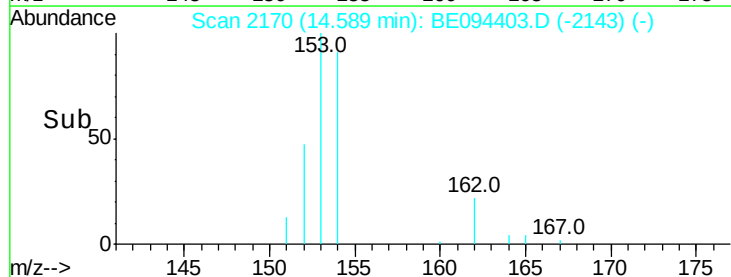
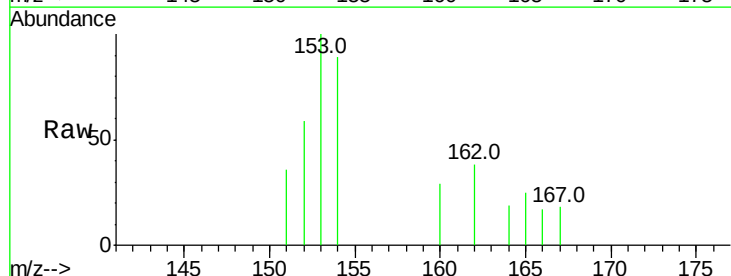
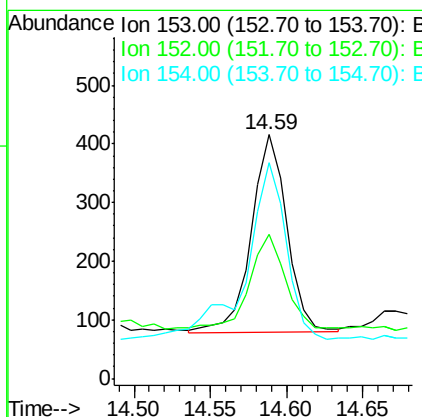
RT: 14.59 min Scan# 2170

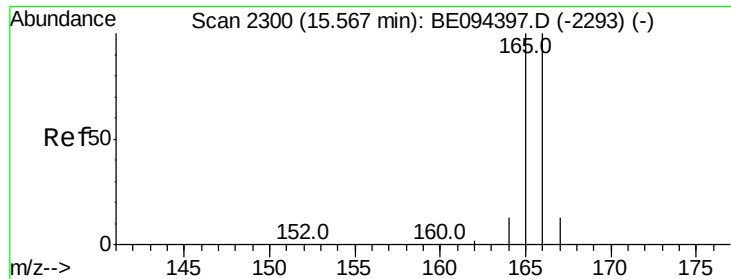
Delta R.T. 0.01 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

Tgt Ion:	153	Resp:	547
Ion Ratio	Lower	Upper	
153	100		
152	59.1	40.3	60.5
154	88.7	71.4	107.2





#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

Instrument :

BNA_E

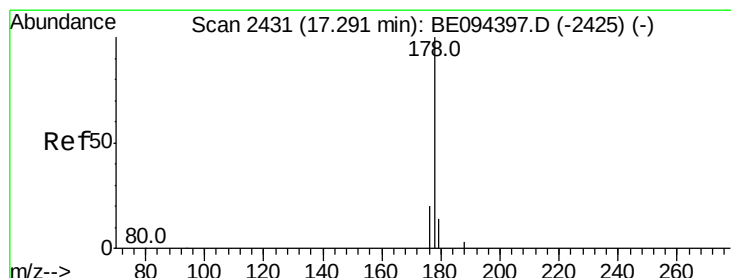
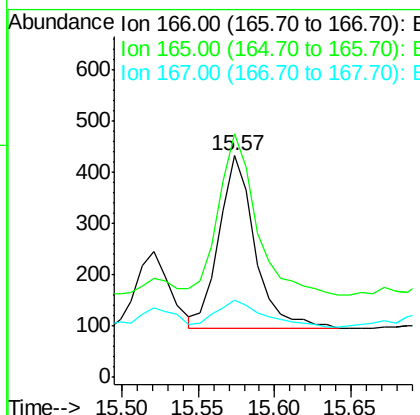
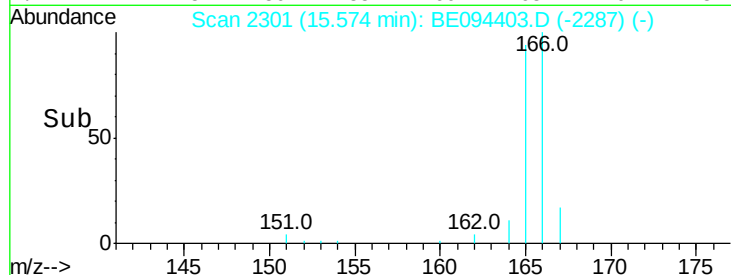
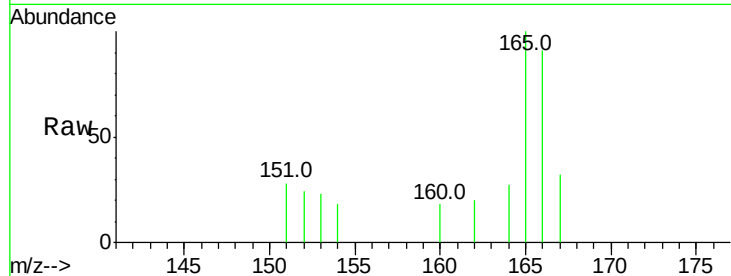
ClientSampleId :

C0AC9DL

Tot Ion:	166	Resp:	543
Ion	Ratio	Lower	Upper
166	100		
165	109.7	73.4	110.2
167	34.7	14.6	22.0#

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#12

Phenanthrene

Concen: 0.769 ng/ul

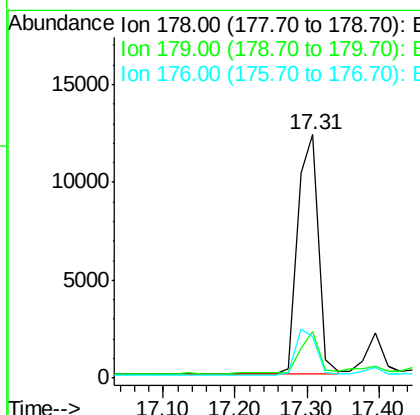
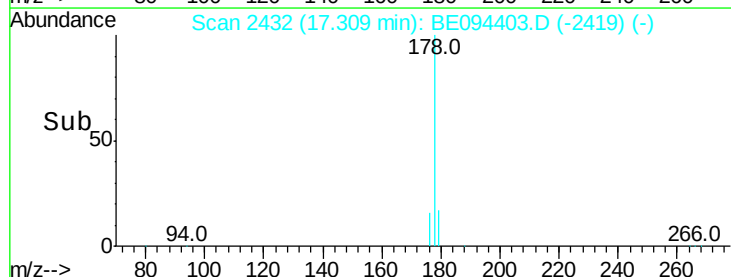
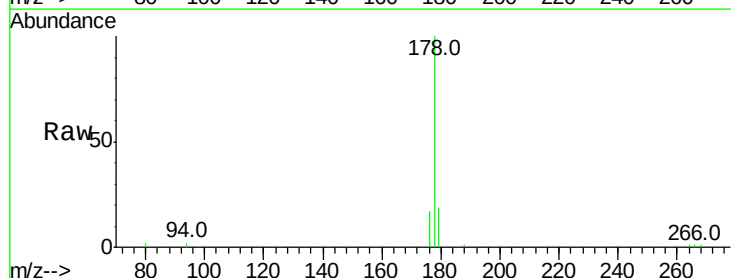
RT: 17.31 min Scan# 2432

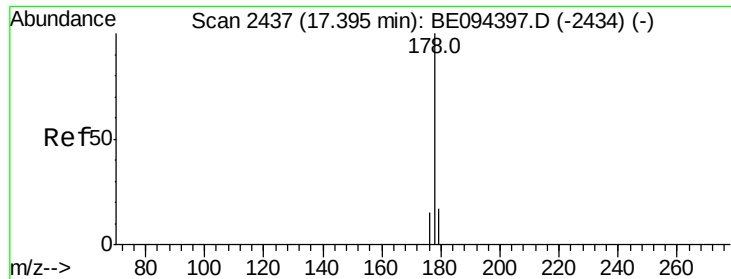
Delta R.T. 0.02 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

Tgt Ion:	178	Resp:	24703
Ion	Ratio	Lower	Upper
178	100		
179	19.1	18.4	27.6
176	16.8	13.6	20.4





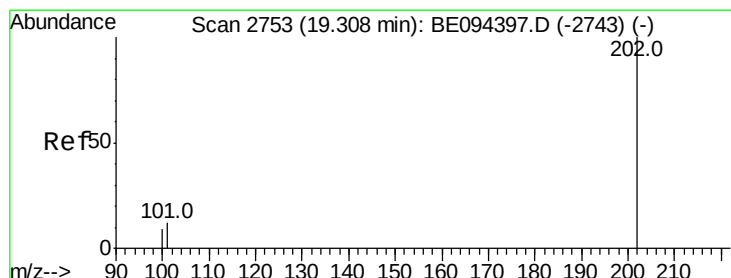
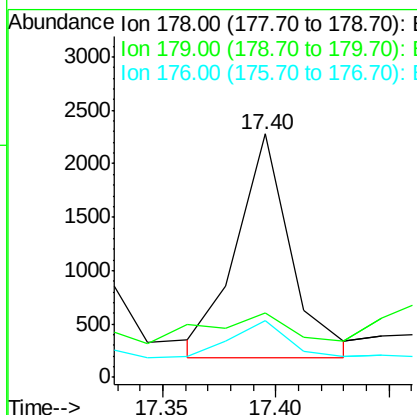
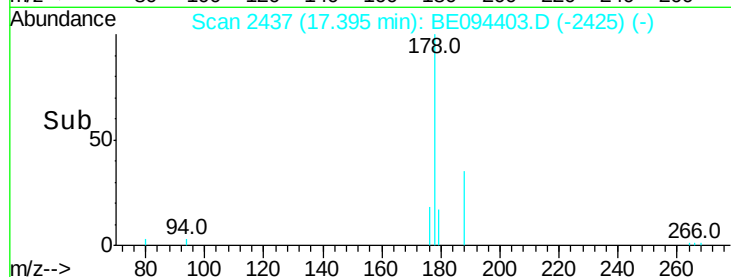
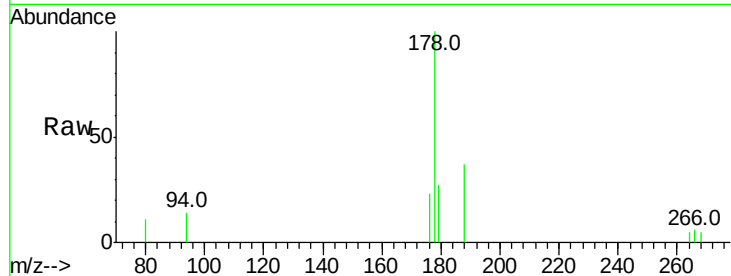
#13
 Anthracene
 Concen: 0.112 ng/ul m
 RT: 17.40 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BE094403.D
 Acq: 15 Oct 2017 21:14

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9DL

Tot Ion:178 Resp: 3506
 Ion Ratio Lower Upper
 178 100
 179 26.6 18.1 27.1
 176 23.5 14.7 22.1#

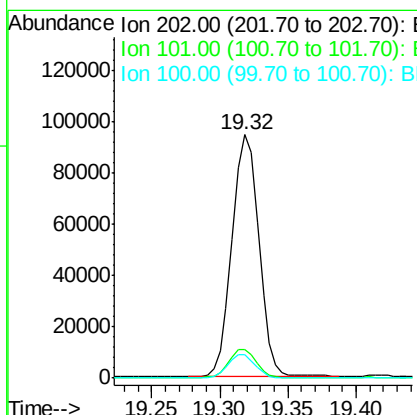
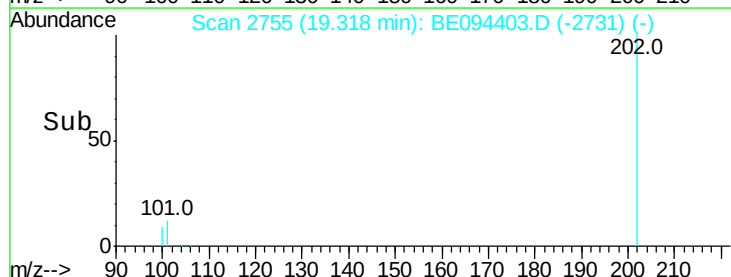
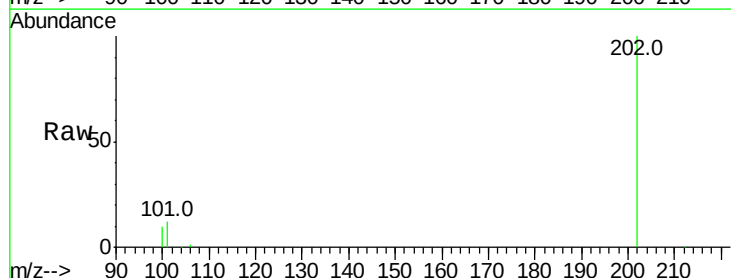
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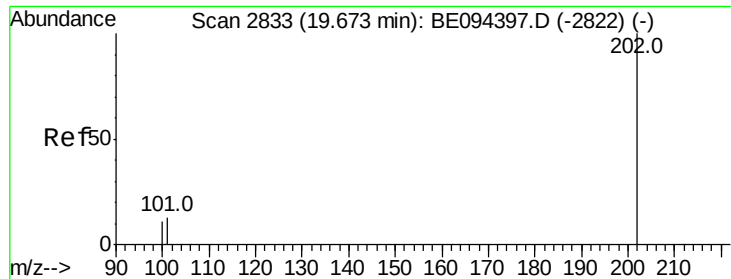
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#15
 Fluoranthene
 Concen: 3.050 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.01 min
 Lab File: BE094403.D
 Acq: 15 Oct 2017 21:14

Tgt Ion:202 Resp: 128687
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 30.3
 100 9.5 0.0 39.5





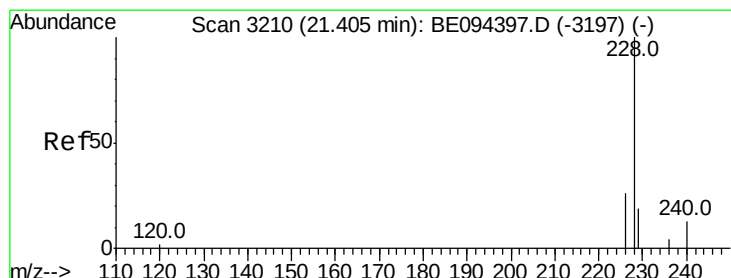
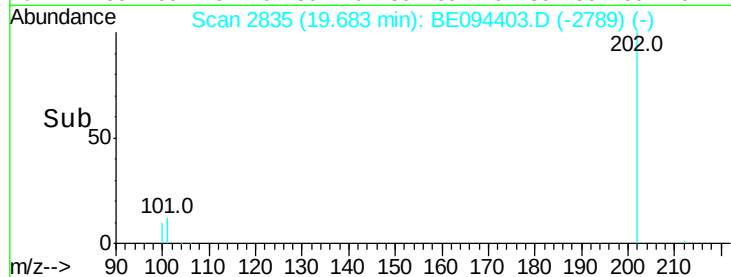
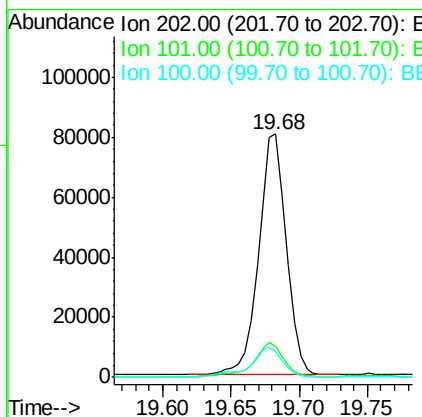
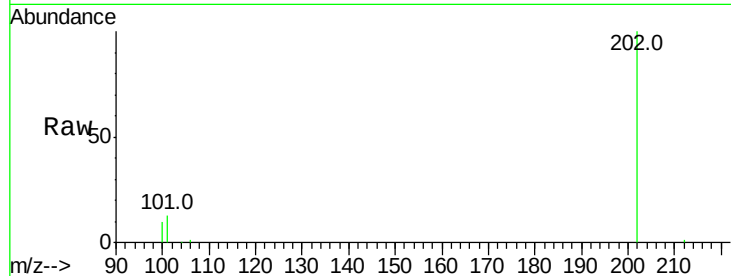
#17
Pvrene
Concen: 3.250 ng/ul
RT: 19.68 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BE094403.D
Acq: 15 Oct 2017 21:14

Instrument :
BNA_E
ClientSampled :
C0AC9DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	10.5	15.6	23.4#

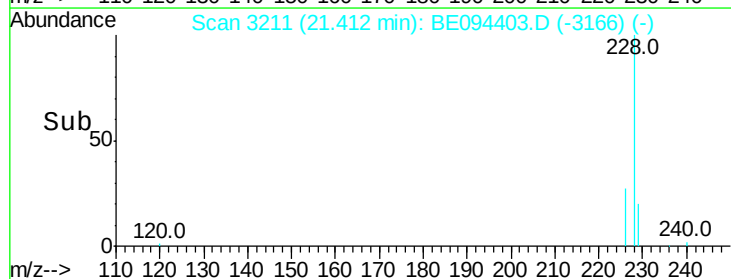
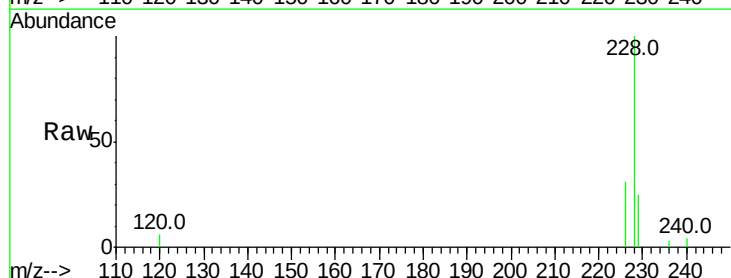
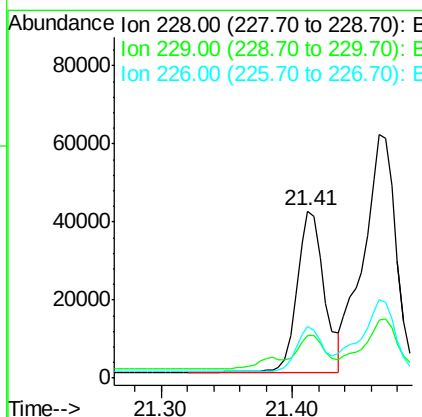
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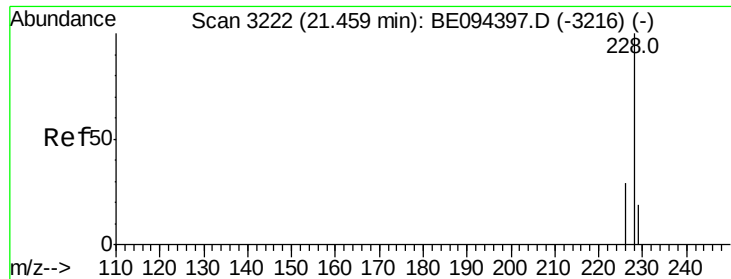
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#18
Benzo(a)anthracene
Concen: 1.817 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.01 min
Lab File: BE094403.D
Acq: 15 Oct 2017 21:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.5	22.8	34.2
226	30.5	17.0	25.6#





#19

Chrysene

Concen: 2.741 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.01 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

Instrument :

BNA_E

ClientSampleId :

C0AC9DL

Tot Ion:228 Resp: 105696

Ion Ratio Lower Upper

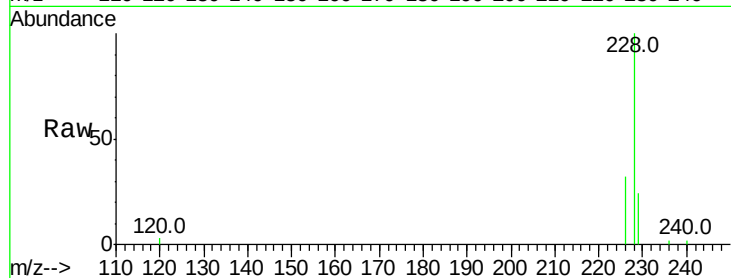
228 100

226 32.1 23.4 35.0

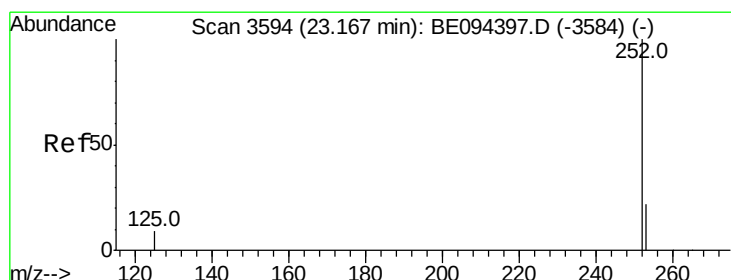
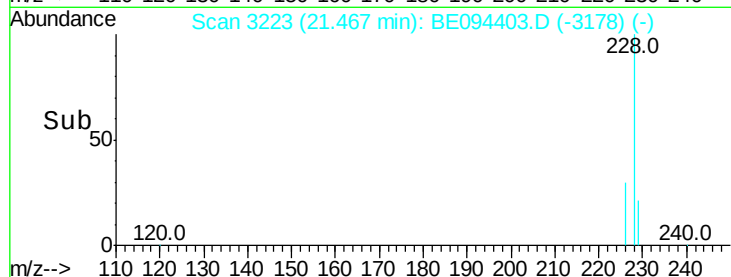
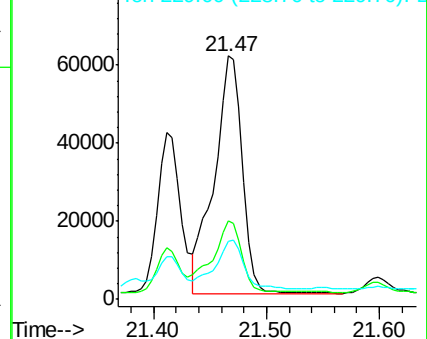
229 24.0 17.7 26.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 5.234 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. 0.02 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

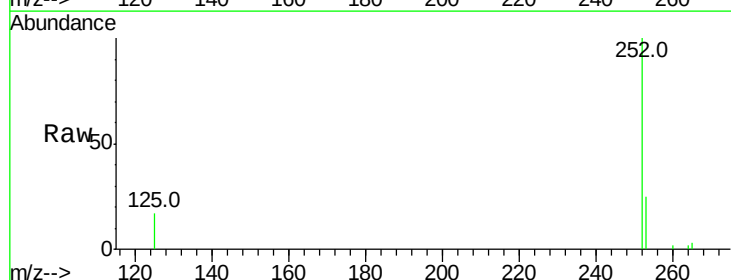
Tgt Ion:252 Resp: 165849

Ion Ratio Lower Upper

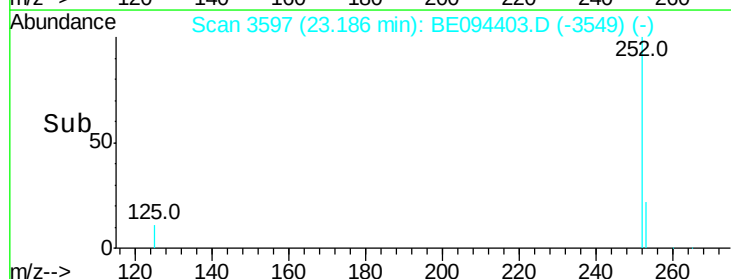
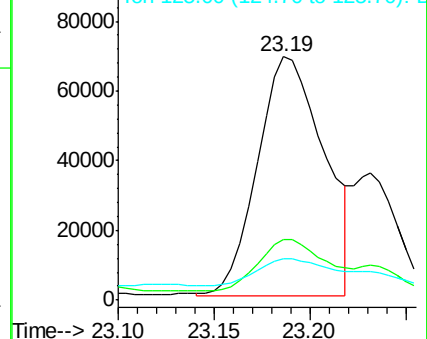
252 100

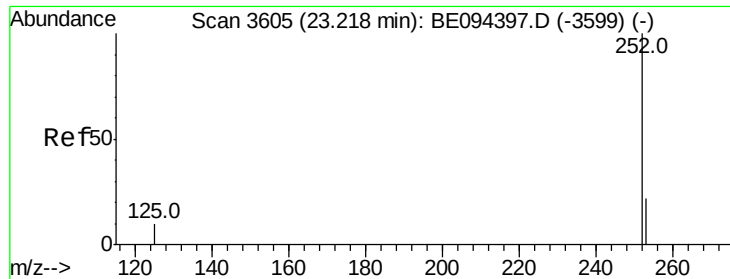
253 24.7 0.0 64.2

125 16.9 0.0 35.0



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





#22

Benzo(k)fluoranthene

Concen: 1.581 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. 0.01 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

Instrument :

BNA_E

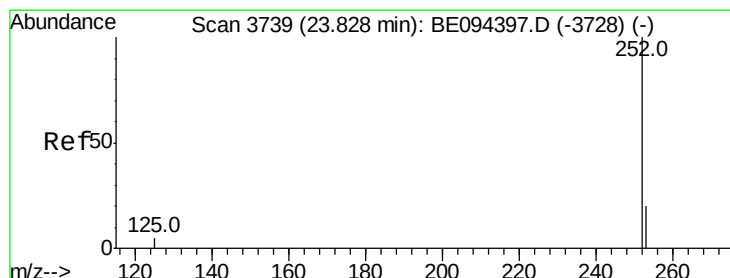
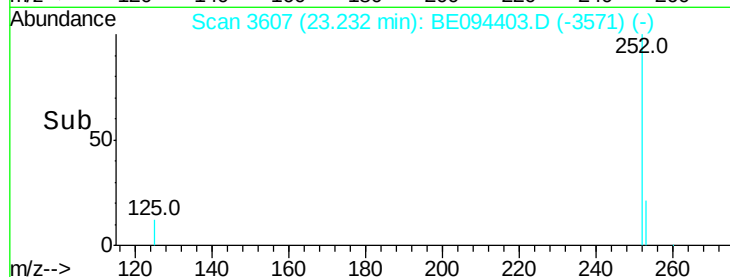
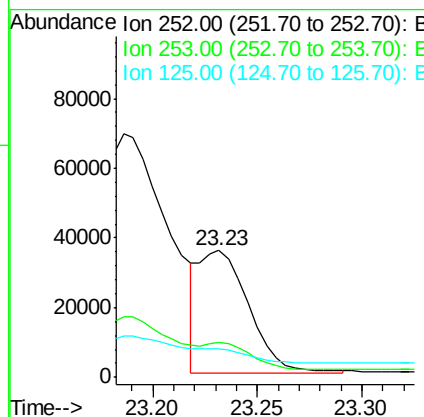
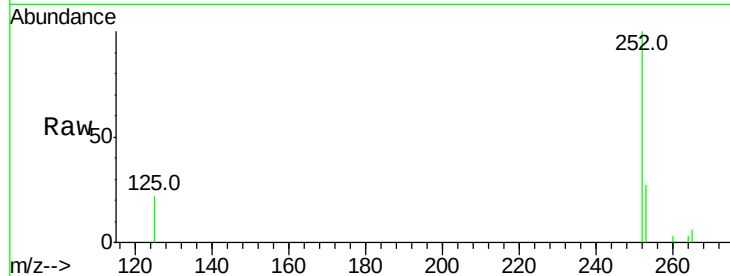
ClientSampleId :

C0AC9DL

Tot Ion:	252	Resp:	57916
Ion Ratio	Lower	Upper	
252	100		
253	27.2	24.5	36.7
125	22.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.754 ng/ul

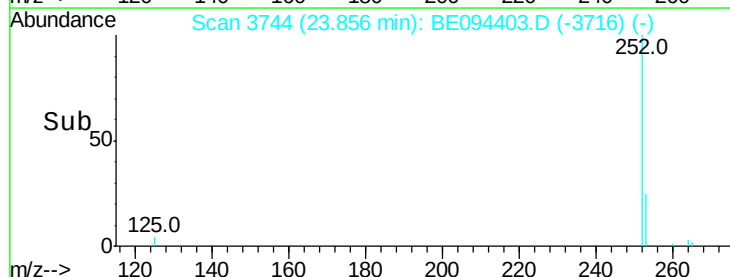
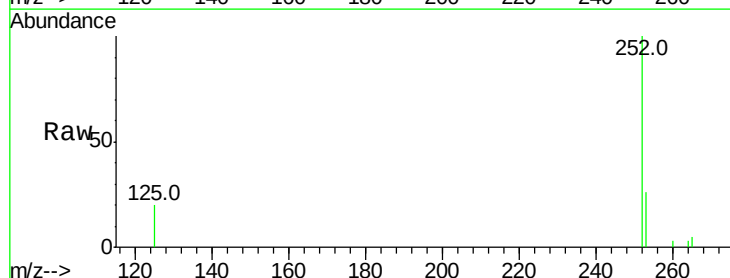
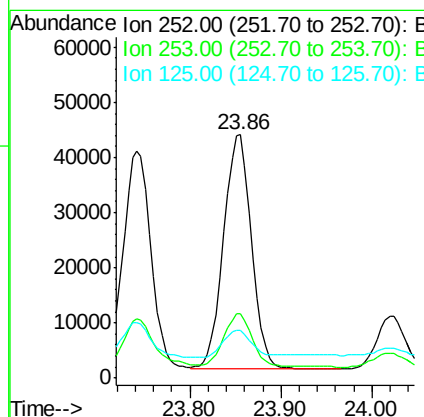
RT: 23.86 min Scan# 3744

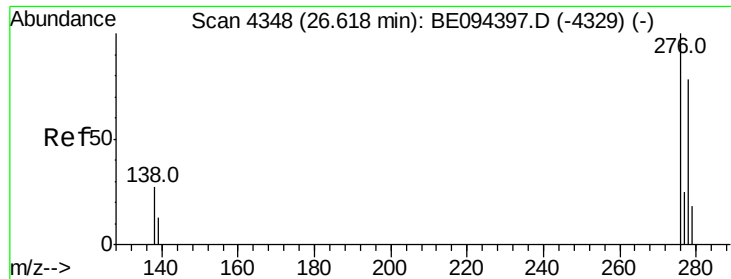
Delta R.T. 0.03 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

Tgt Ion:	252	Resp:	90674
Ion Ratio	Lower	Upper	
252	100		
253	26.5	28.5	42.7#
125	19.7	18.1	27.1





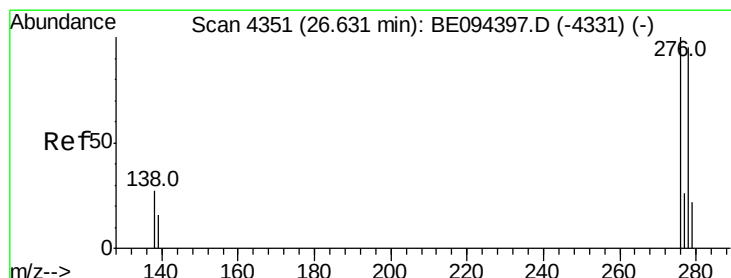
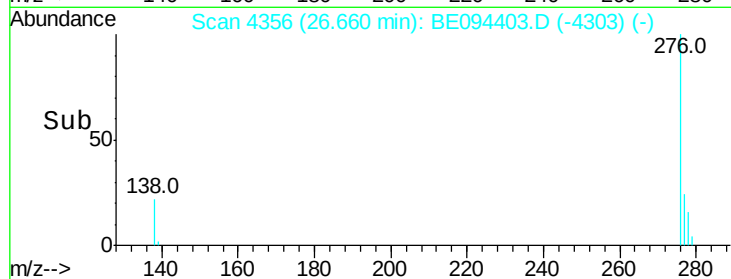
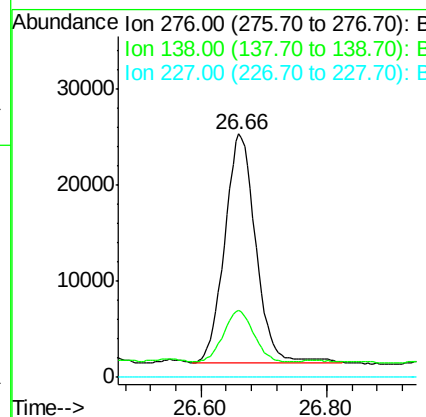
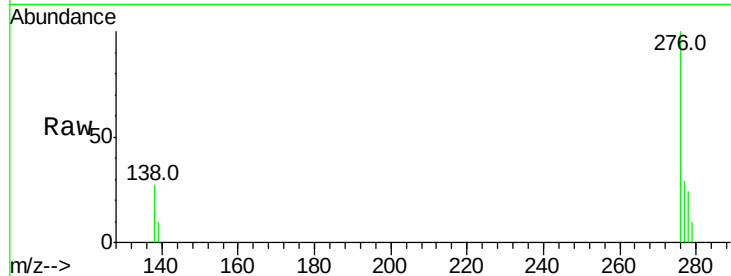
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.416 ng/ul
 RT: 26.66 min Scan# 4356
 Delta R.T. 0.04 min
 Lab File: BE094403.D
 Acq: 15 Oct 2017 21:14

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	28.0	42.0#
227	0.0	8.0	12.0#

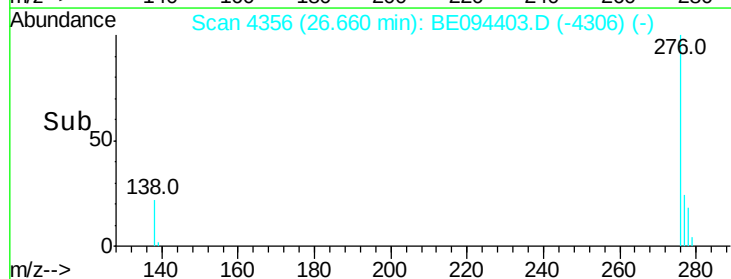
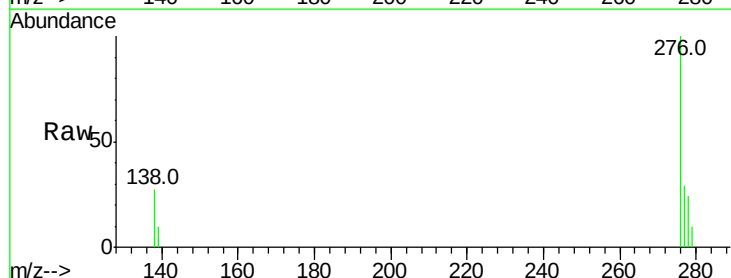
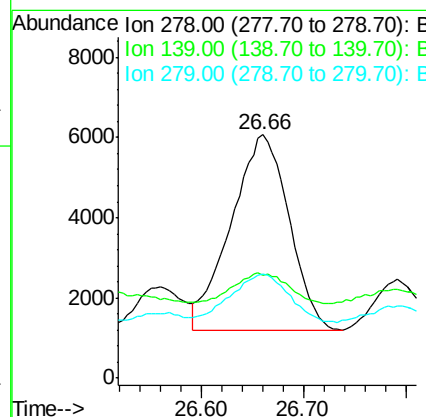
Manual Integrations
 APPROVED

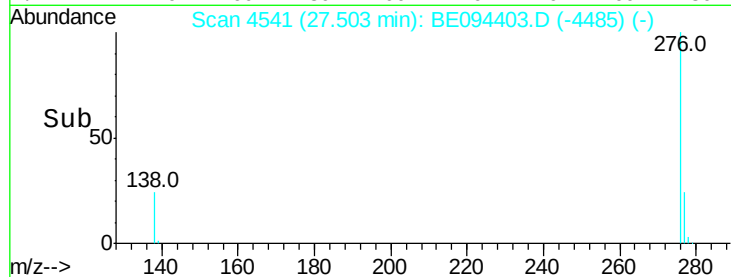
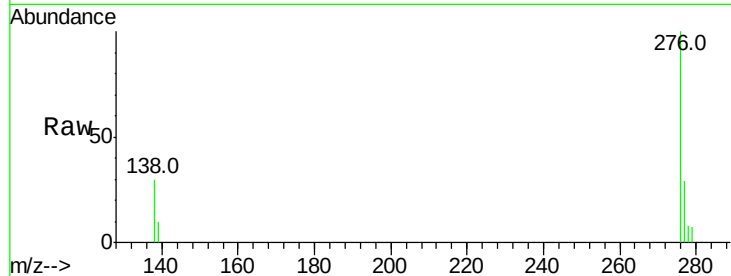
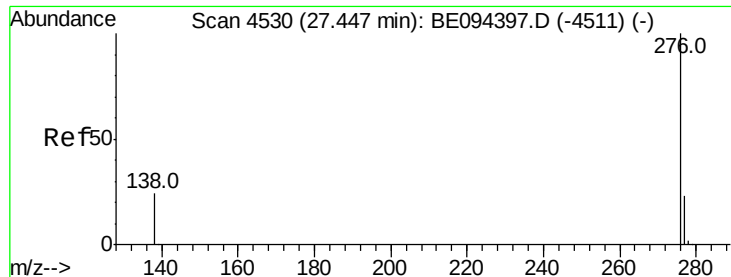
Sohil
 10/16/2017 8:26:39 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.680 ng/ul
 RT: 26.66 min Scan# 4356
 Delta R.T. 0.03 min
 Lab File: BE094403.D
 Acq: 15 Oct 2017 21:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.3	17.4	26.0#
279	42.8	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 2.499 ng/ul

RT: 27.50 min Scan# 4541

Delta R.T. 0.06 min

Lab File: BE094403.D

Acq: 15 Oct 2017 21:14

Tot Ion:	276	Resp:	72607
Ion Ratio	Lower	Upper	
276	100		
138	29.7	21.8	32.8
277	29.4	20.5	30.7

Instrument :

BNA_E

ClientSampleId :

C0AC9DL

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:39 PM

