

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094563.D
 Acq On : 26 Oct 2017 15:34
 Operator : SJ/JU
 Sample : I5719-14 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-27(5-5.5)-100517

Manual Integrations
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 10/27/2017 5:34:47 PM

Quant Time: Oct 27 08:16:43 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1211	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6591	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	3654	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8200	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8166	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8501	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	589	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	983	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	7053	0.438	ng/ul#	62
5) 2-Methylnaphthalene	12.35	142	1822	0.162	ng/ul	100
7) Acenaphthylene	14.24	152	830	0.050	ng/ul#	34
8) Acenaphthene	14.57	153	1442	0.121	ng/ul#	92
9) Fluorene	15.57	166	1646	0.123	ng/ul#	89
12) Phenanthrene	17.29	178	17959m	0.829	ng/ul	
13) Anthracene	17.38	178	5213	0.244	ng/ul	93
15) Fluoranthene	19.31	202	34644	1.384	ng/ul	84
17) Pyrene	19.67	202	33887	1.342	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	18874	0.808	ng/ul#	88
19) Chrysene	21.46	228	18262	0.757	ng/ul	95
21) Benzo(b)fluoranthene	23.17	252	22664m	0.948	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	7142m	0.279	ng/ul	
23) Benzo(a)pyrene	23.84	252	17098	0.715	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.64	276	10165	0.411	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.63	278	2540	0.122	ng/ul#	46
26) Benzo(g,h,i)perylene	27.48	276	9776	0.492	ng/ul#	89

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

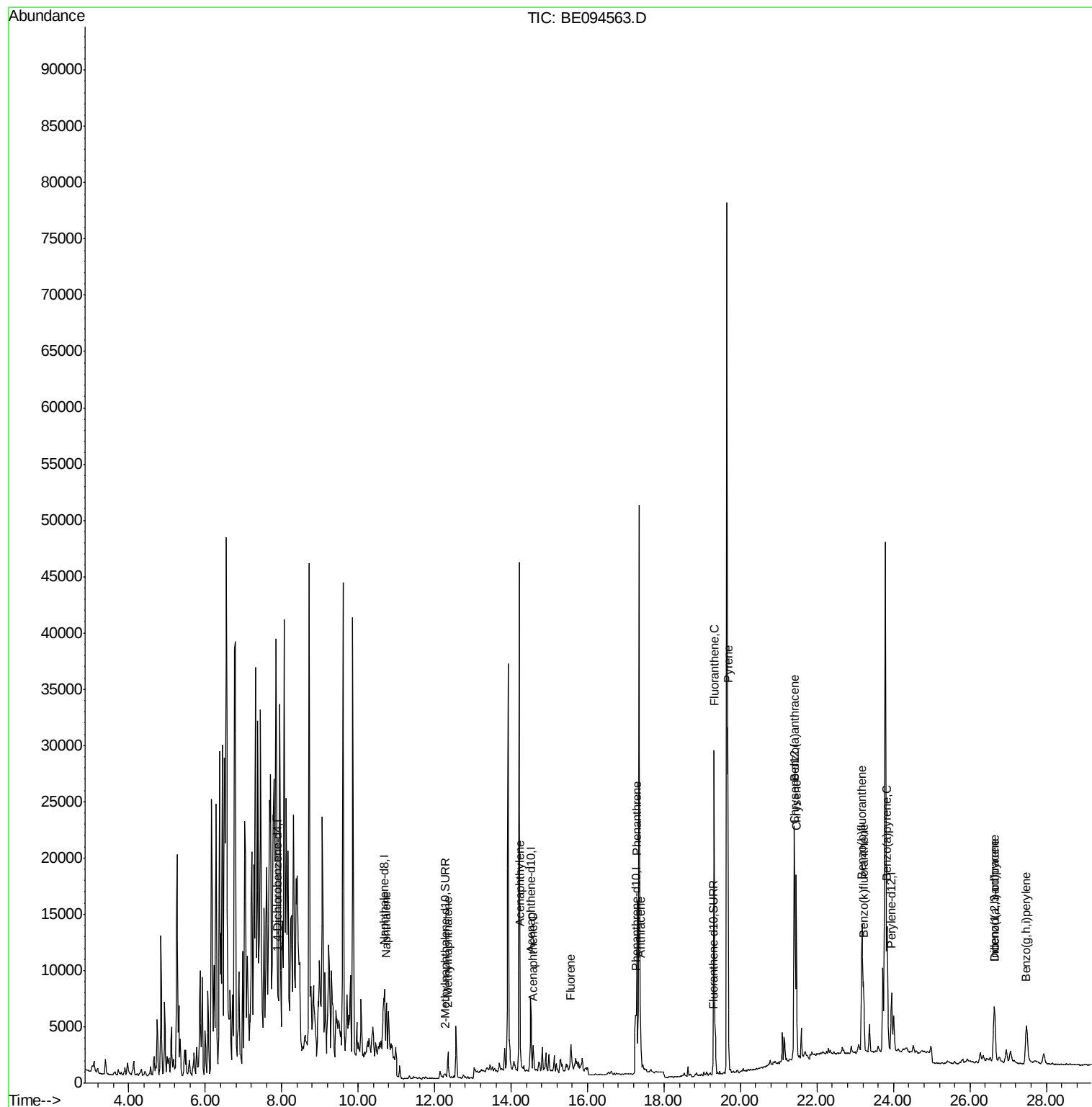
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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ALS Vial : 8 Sample Multiplier: 1

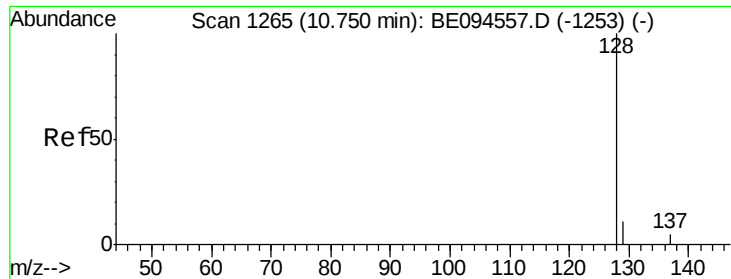
Instrument :
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#3

Naphthalene

Concen: 0.438 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094563.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_E

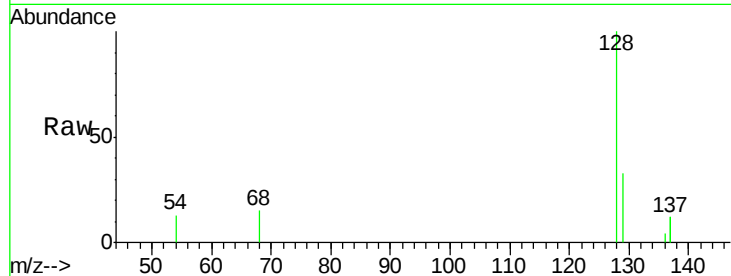
ClientSampleId :

B-27(5-5.5)-100517

Tgt Ion	Ratio	Lower	Upper
128	100		
129	33.0	11.3	16.9#
127	0.0	4.0	6.0#

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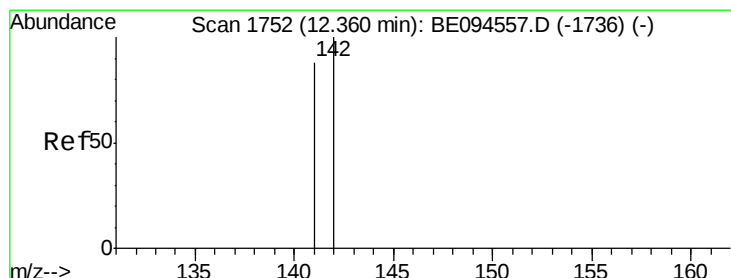
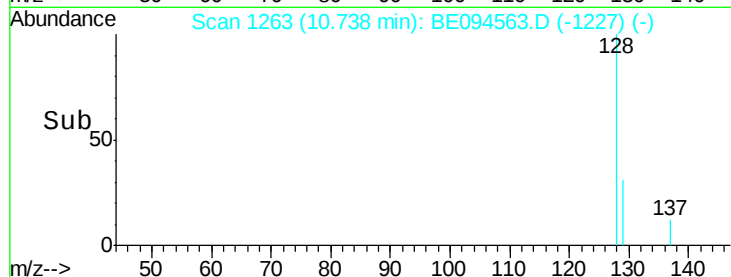
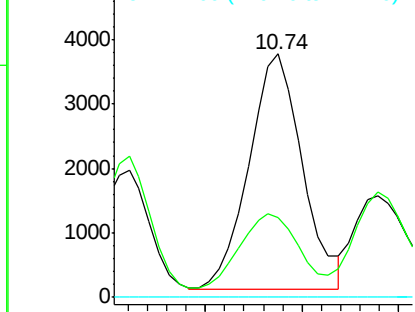
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.162 ng/ul

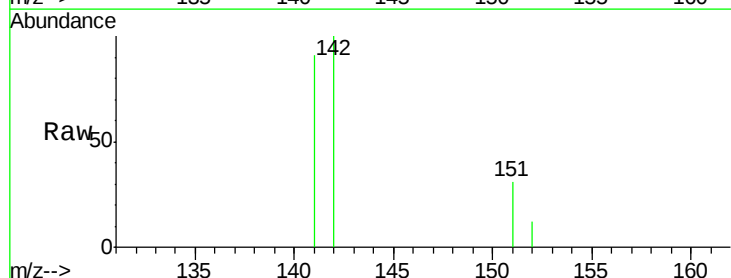
RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094563.D

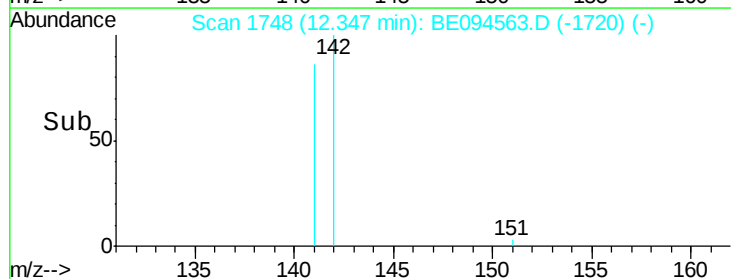
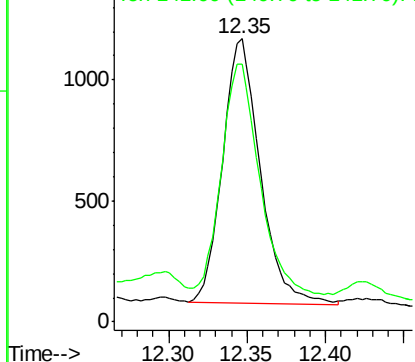
Acq: 26 Oct 2017 15:34

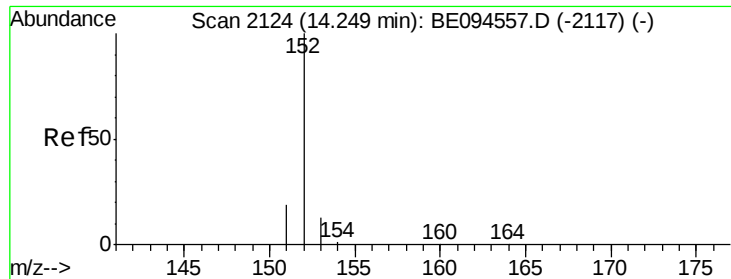
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.050 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094563.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_E

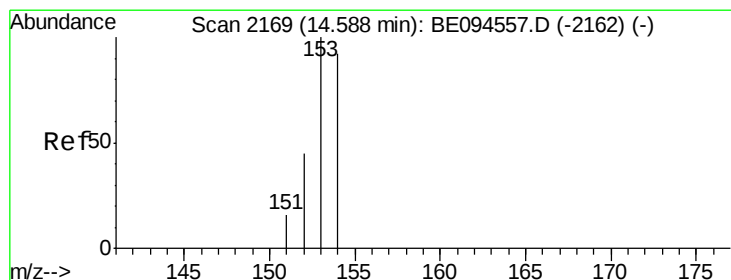
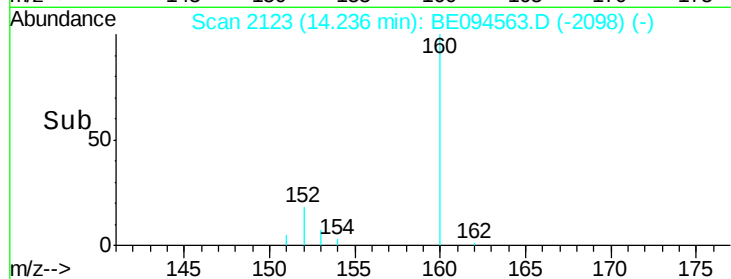
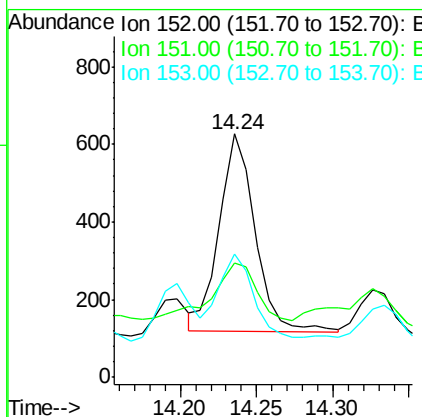
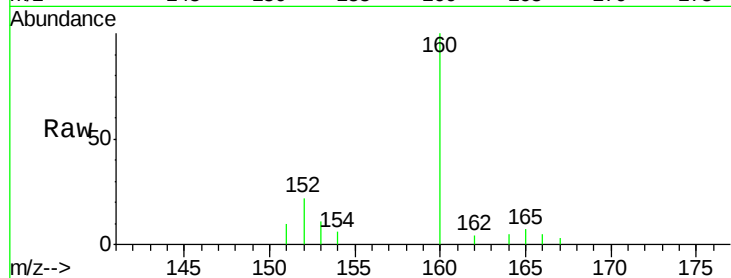
ClientSampleId :

B-27(5-5.5)-100517

Tgt Ion:	152	Resp:	830
Ion Ratio	Lower	Upper	
152	100		
151	46.9	17.1	25.7#
153	50.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.121 ng/ul

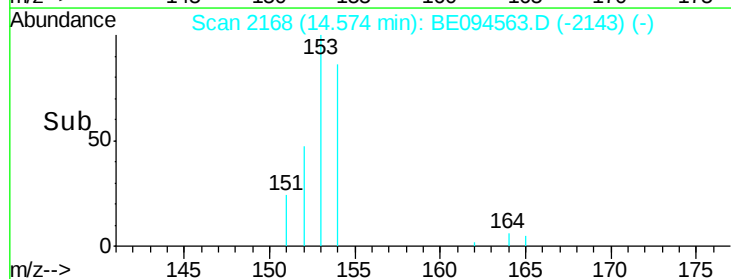
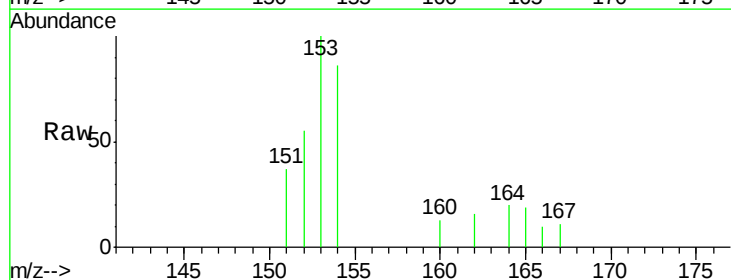
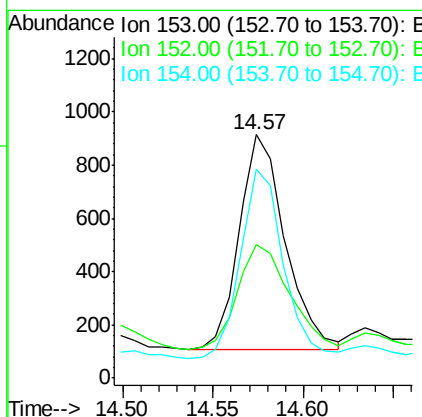
RT: 14.57 min Scan# 2168

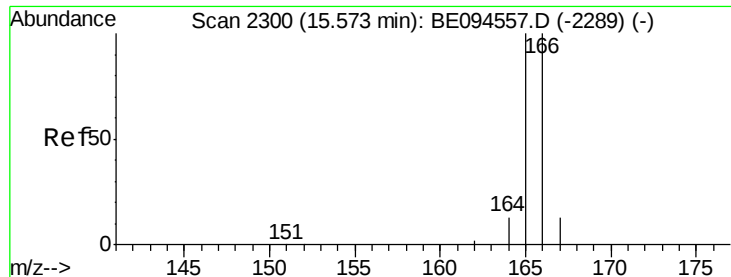
Delta R.T. -0.01 min

Lab File: BE094563.D

Acq: 26 Oct 2017 15:34

Tgt Ion:	153	Resp:	1442
Ion Ratio	Lower	Upper	
153	100		
152	54.7	36.0	54.0#
154	86.0	72.0	108.0





#9

Fluorene

Concen: 0.123 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094563.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_E

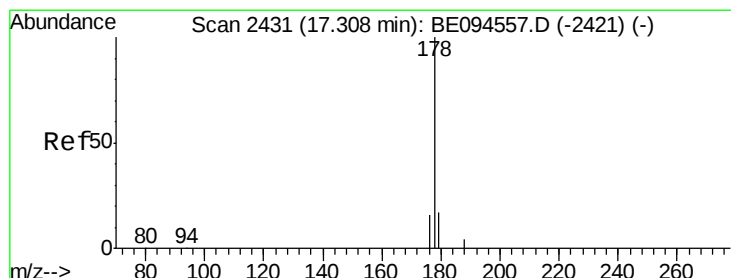
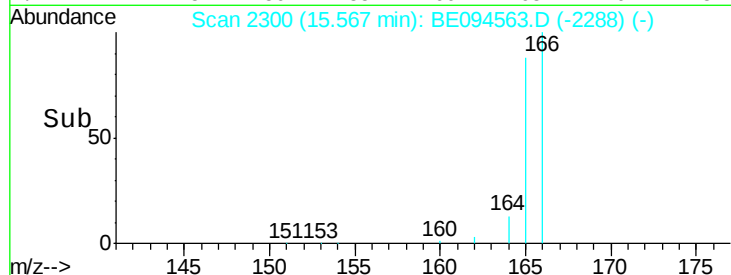
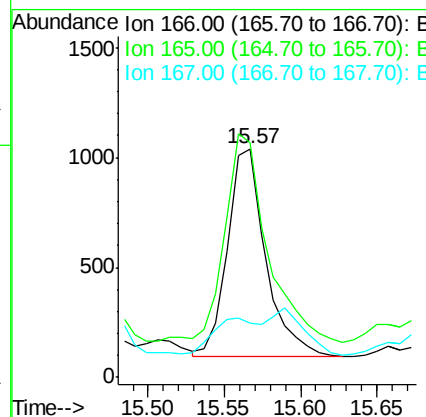
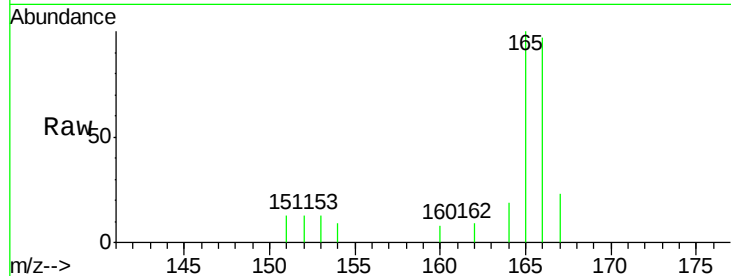
ClientSampleId :

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Tgt Ion:	166	Resp:	1646
Ion Ratio	Lower	Upper	
166	100		
165	102.7	73.4	110.2
167	23.6	14.6	22.0#

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#12

Phenanthrene

Concen: 0.829 ng/ul m

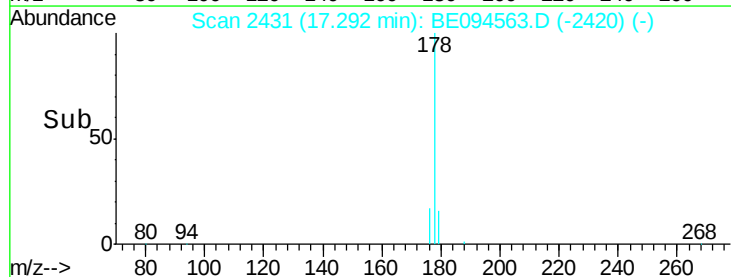
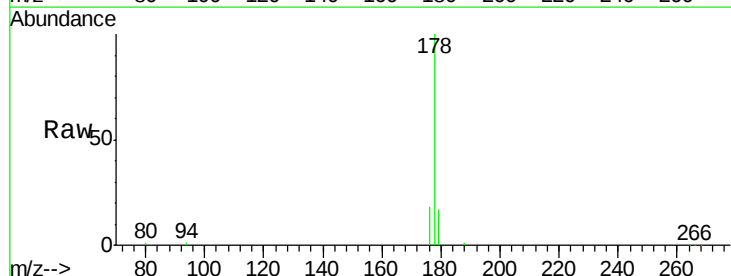
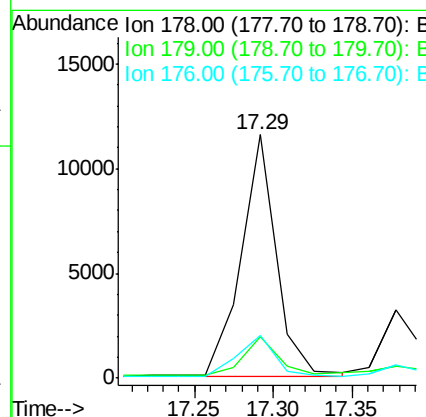
RT: 17.29 min Scan# 2431

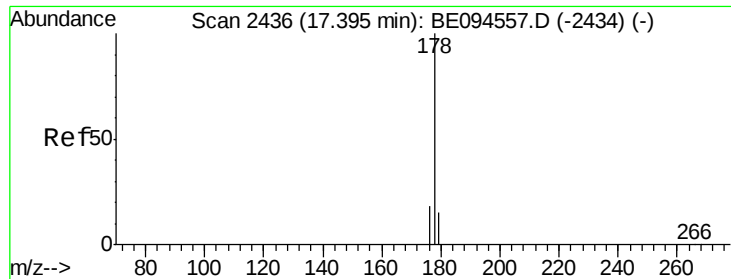
Delta R.T. -0.02 min

Lab File: BE094563.D

Acq: 26 Oct 2017 15:34

Tgt Ion:	178	Resp:	17959
Ion Ratio	Lower	Upper	
178	100		
179	17.2	18.4	27.6#
176	17.7	13.6	20.4





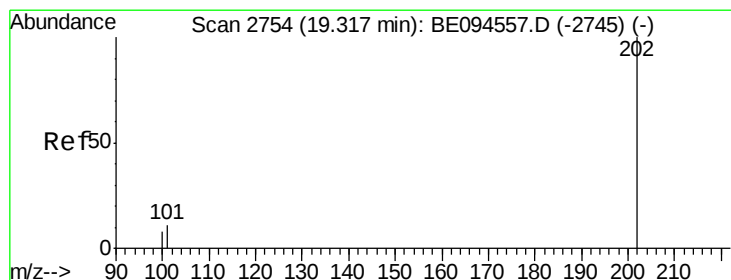
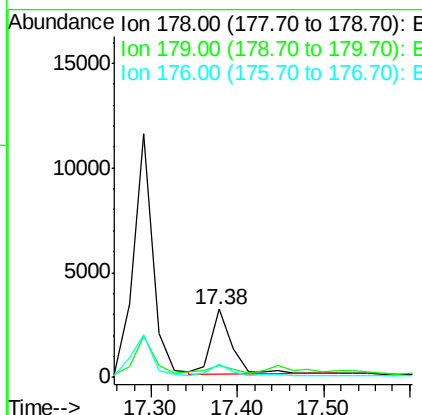
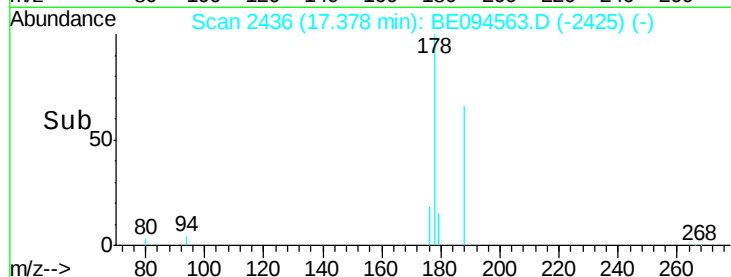
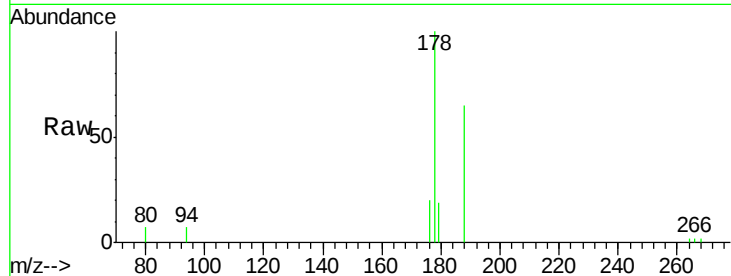
#13
 Anthracene
 Concen: 0.244 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094563.D
 Acq: 26 Oct 2017 15:34

Instrument :
 BNA_E
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 B-27(5-5.5)-100517

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.5	18.1	27.1
176	20.4	14.7	22.1

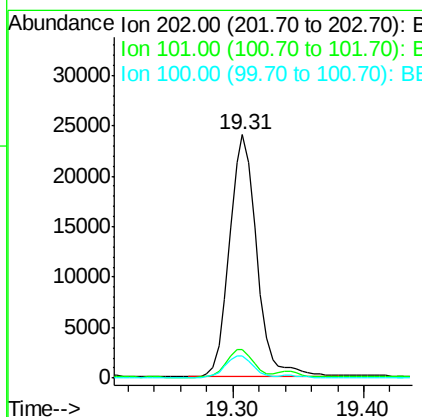
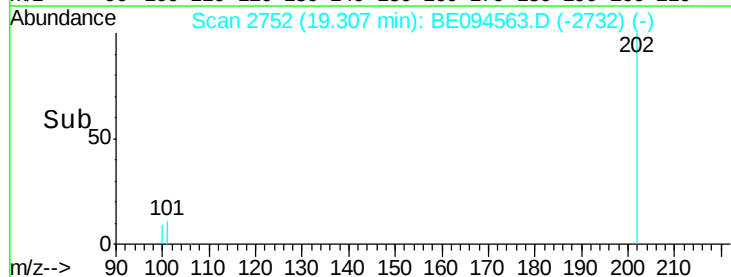
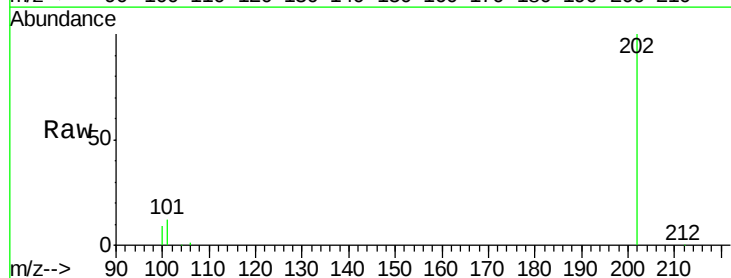
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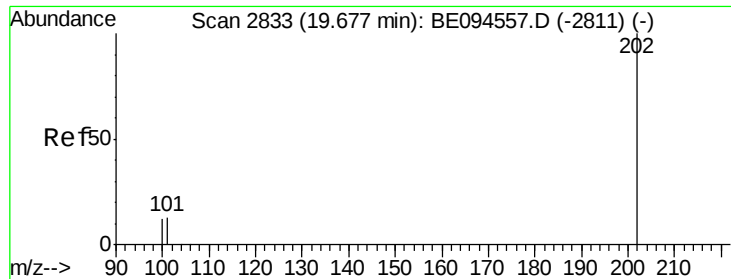
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#15
 Fluoranthene
 Concen: 1.384 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094563.D
 Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	9.3	0.0	39.5





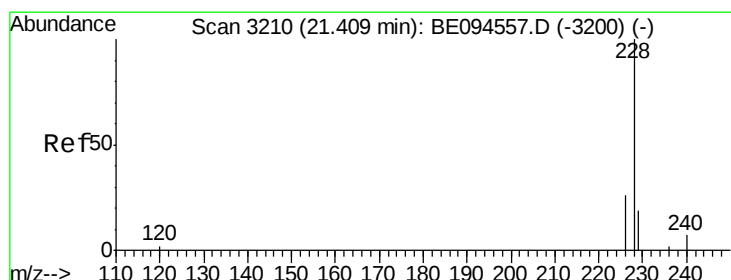
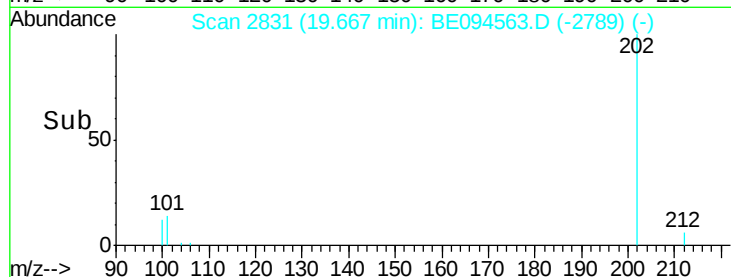
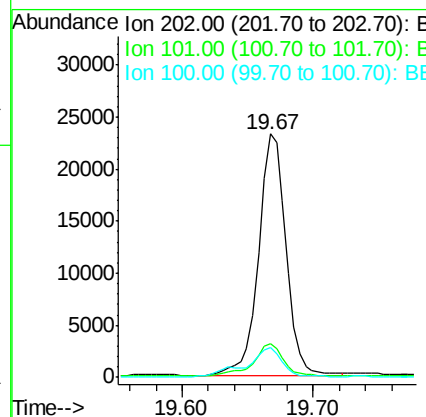
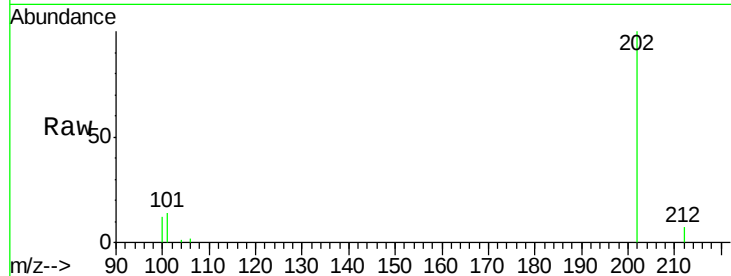
#17
 Pyrene
 Concen: 1.342 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094563.D
 Acq: 26 Oct 2017 15:34

Instrument :
 BNA_E
 ClientSampleId :
 B-27(5-5.5)-100517

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	18.2	27.4#
100	12.2	15.6	23.4#

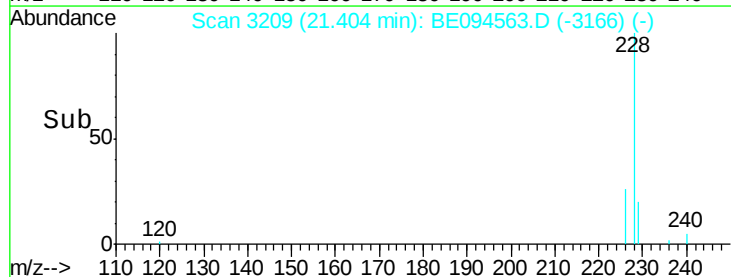
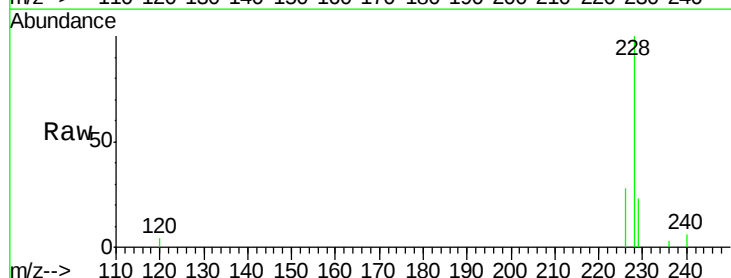
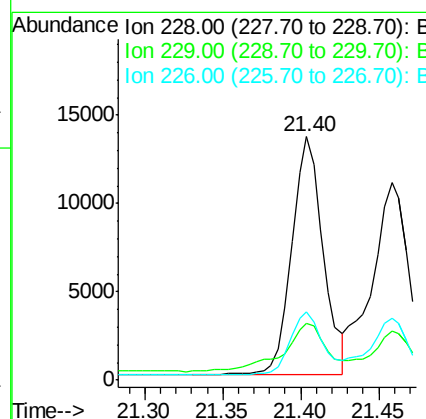
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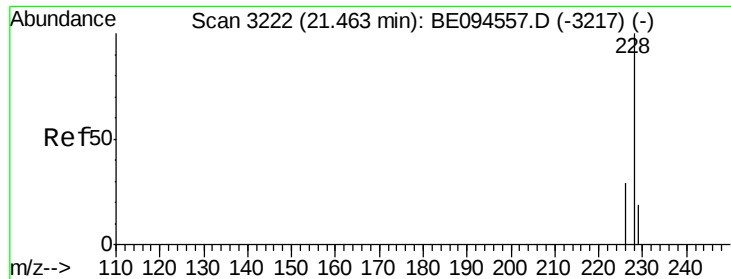
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#18
 Benzo(a)anthracene
 Concen: 0.808 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BE094563.D
 Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.4	22.8	34.2
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 0.757 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094563.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_E

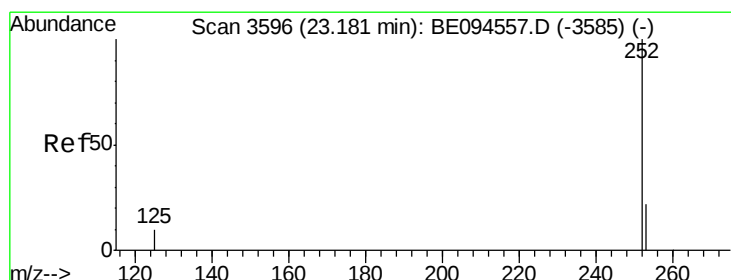
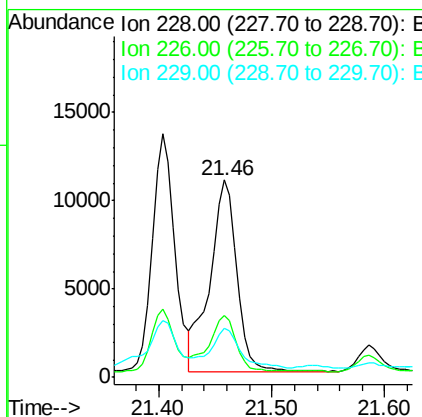
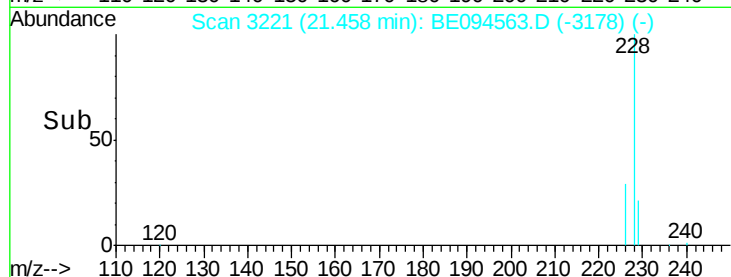
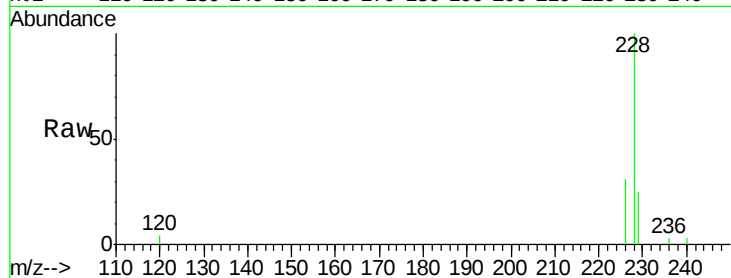
ClientSampleId :

B-27(5-5.5)-100517

Tgt Ion:	228	Resp:	18262
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.0
229	24.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.948 ng/ul m

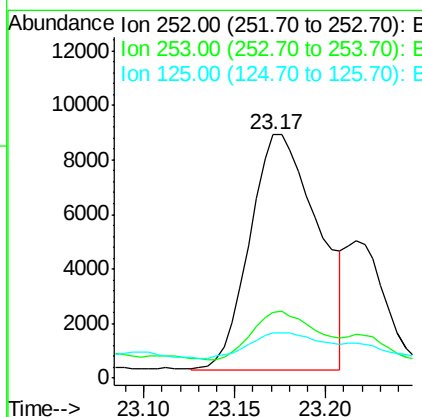
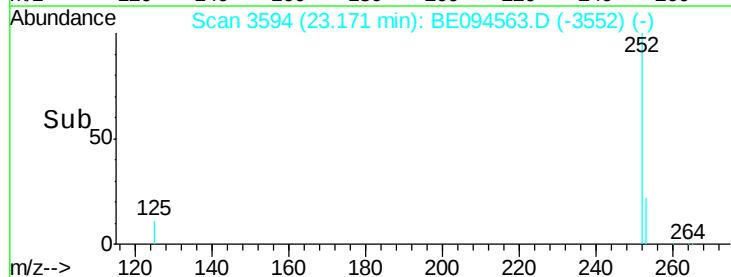
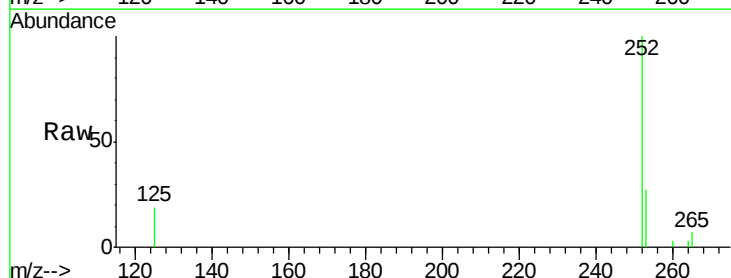
RT: 23.17 min Scan# 3594

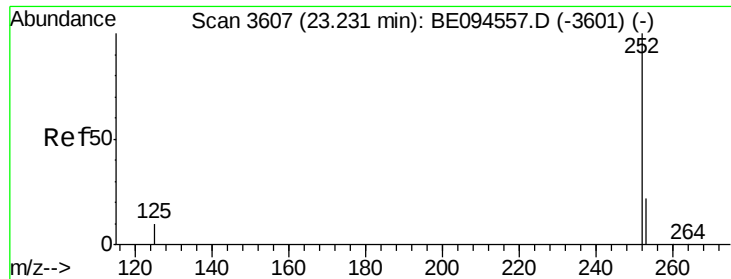
Delta R.T. -0.01 min

Lab File: BE094563.D

Acq: 26 Oct 2017 15:34

Tgt Ion:	252	Resp:	22664
Ion Ratio	Lower	Upper	
252	100		
253	27.2	0.0	64.2
125	18.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.279 ng/ul m

RT: 23.22 min Scan# 3604

Delta R.T. -0.01 min

Lab File: BE094563.D

Acq: 26 Oct 2017 15:34

Instrument :

BNA_E

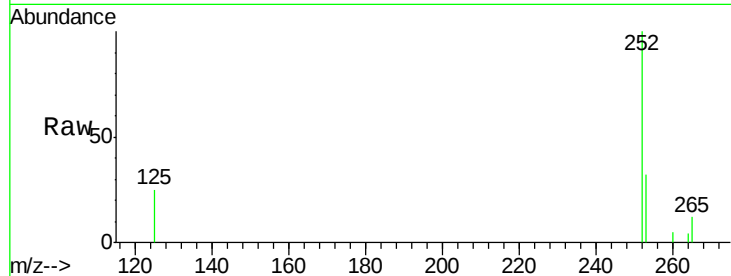
ClientSampleId :

B-27(5-5.5)-100517

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	24.5	36.7
125	25.0	13.7	20.5

Manual Integrations
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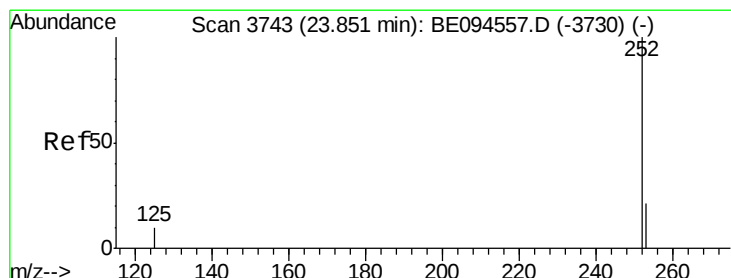
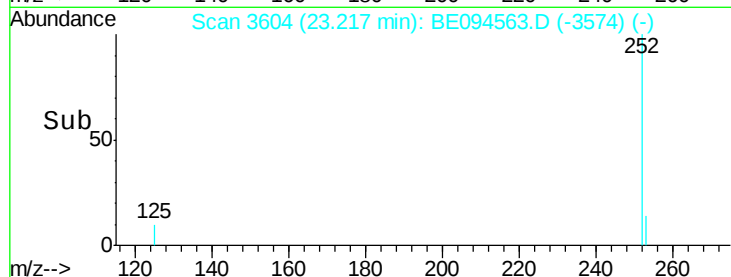
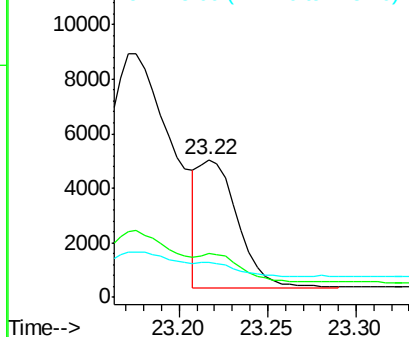


Abundance

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: 0.715 ng/ul

RT: 23.84 min Scan# 3740

Delta R.T. -0.01 min

Lab File: BE094563.D

Acq: 26 Oct 2017 15:34

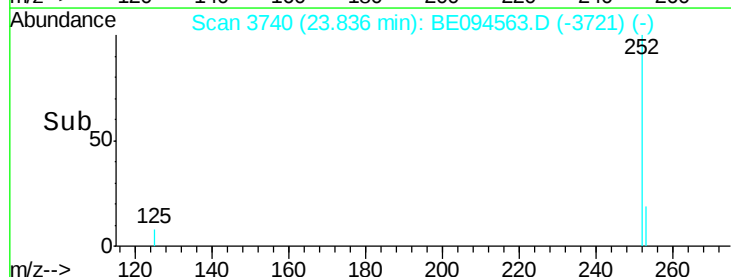
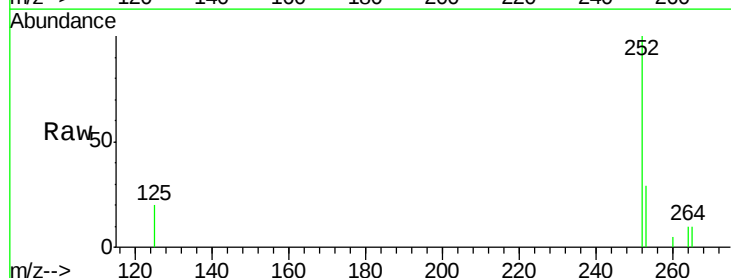
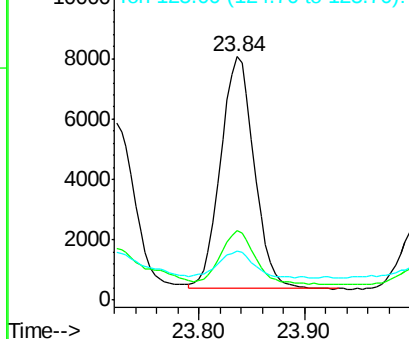
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	28.5	42.7
125	20.1	18.1	27.1

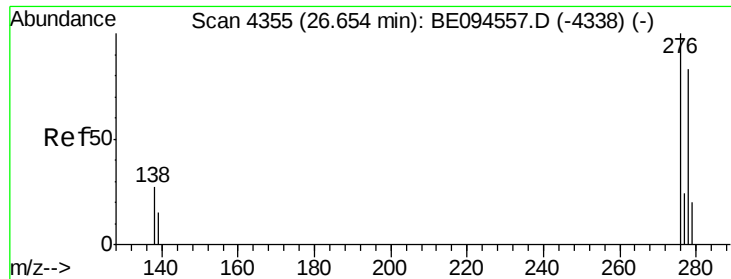
Abundance

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





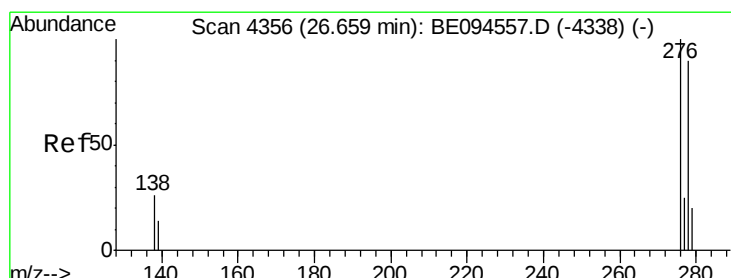
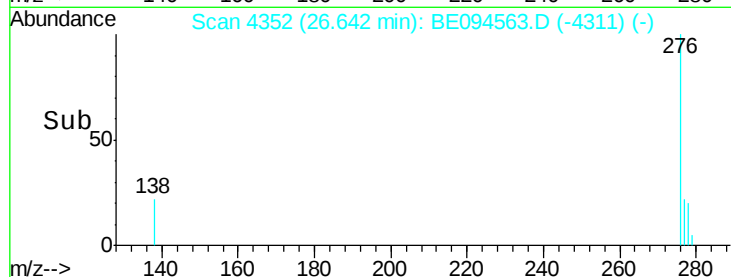
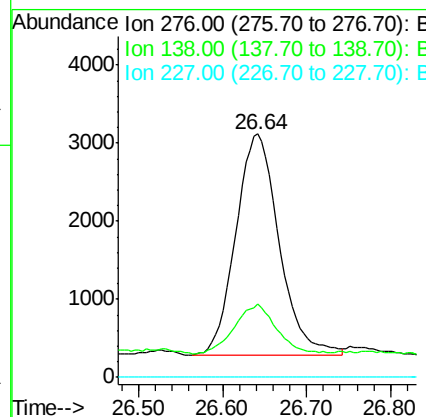
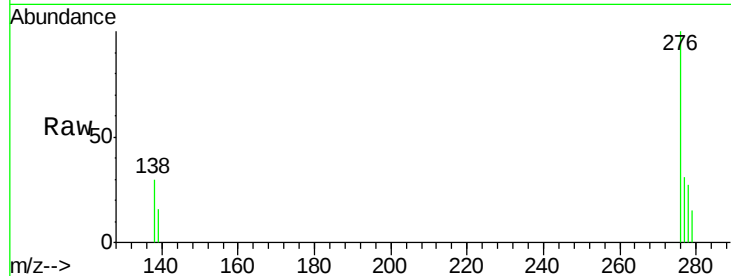
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.411 ng/ul
 RT: 26.64 min Scan# 4352
 Delta R.T. -0.01 min
 Lab File: BE094563.D
 Acq: 26 Oct 2017 15:34

Instrument :
 BNA_E
 ClientSampleId :
 B-27(5-5.5)-100517

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	28.0	42.0#
227	0.0	8.0	12.0#

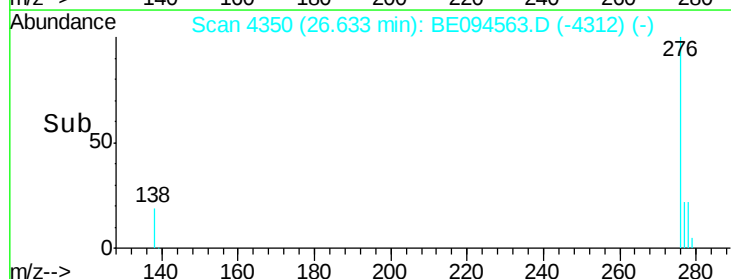
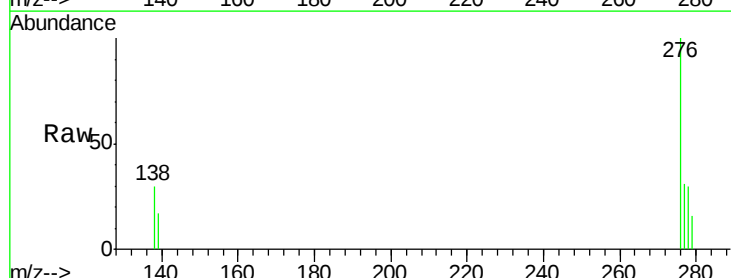
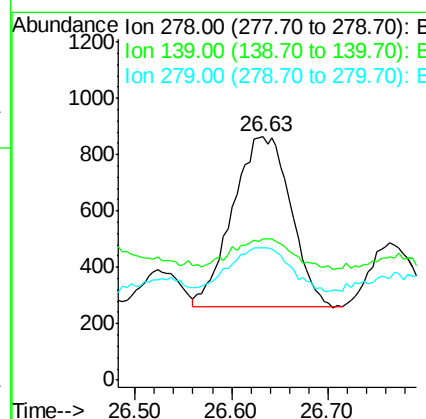
Manual Integrations
 APPROVED

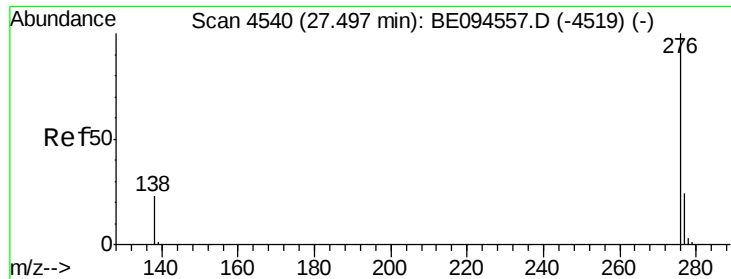
Sohil
 10/27/2017 5:34:47 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.122 ng/ul
 RT: 26.63 min Scan# 4350
 Delta R.T. -0.03 min
 Lab File: BE094563.D
 Acq: 26 Oct 2017 15:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	58.1	17.4	26.0#
279	54.3	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.492 ng/ul

RT: 27.48 min Scan# 4535

Delta R.T. -0.02 min

Lab File: BE094563.D

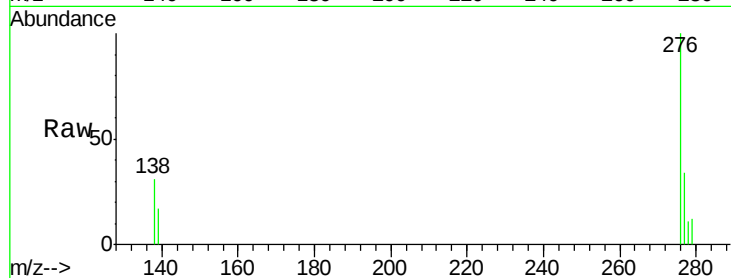
Acq: 26 Oct 2017 15:34

Instrument :

BNA_E

ClientSampleId :

B-27(5-5.5)-100517



Tgt Ion: 276 Resp: 9776

Ion Ratio Lower Upper

276 100

138 30.9 21.8 32.8

277 33.6 20.5 30.7#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:47 PM

