

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094548.D
 Acq On : 26 Oct 2017 00:24
 Operator : SJ/JU
 Sample : I5747-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-23(0-1)-100517

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:56:33 AM

Quant Time: Oct 26 13:14:21 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1543	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8815	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5015	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11346	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11125	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10576	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	514	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1297	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	2418	0.112	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	1231	0.082	ng/ul	95
7) Acenaphthylene	14.24	152	3788	0.167	ng/ul	99
8) Acenaphthene	14.58	153	3220	0.198	ng/ul	98
9) Fluorene	15.57	166	3063	0.167	ng/ul	94
12) Phenanthrene	17.29	178	68550	2.287	ng/ul#	89
13) Anthracene	17.38	178	14744	0.499	ng/ul#	90
15) Fluoranthene	19.31	202	154053	4.446	ng/ul	84
17) Pyrene	19.67	202	138075	4.015	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	74580	2.345	ng/ul#	86
19) Chrysene	21.46	228	78114	2.376	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	109383m	3.677	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	37676m	1.182	ng/ul	
23) Benzo(a)pyrene	23.84	252	72547	2.440	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.65	276	53813	1.749	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	12673	0.489	ng/ul#	88
26) Benzo(g,h,i)perylene	27.48	276	44352	1.795	ng/ul	98

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

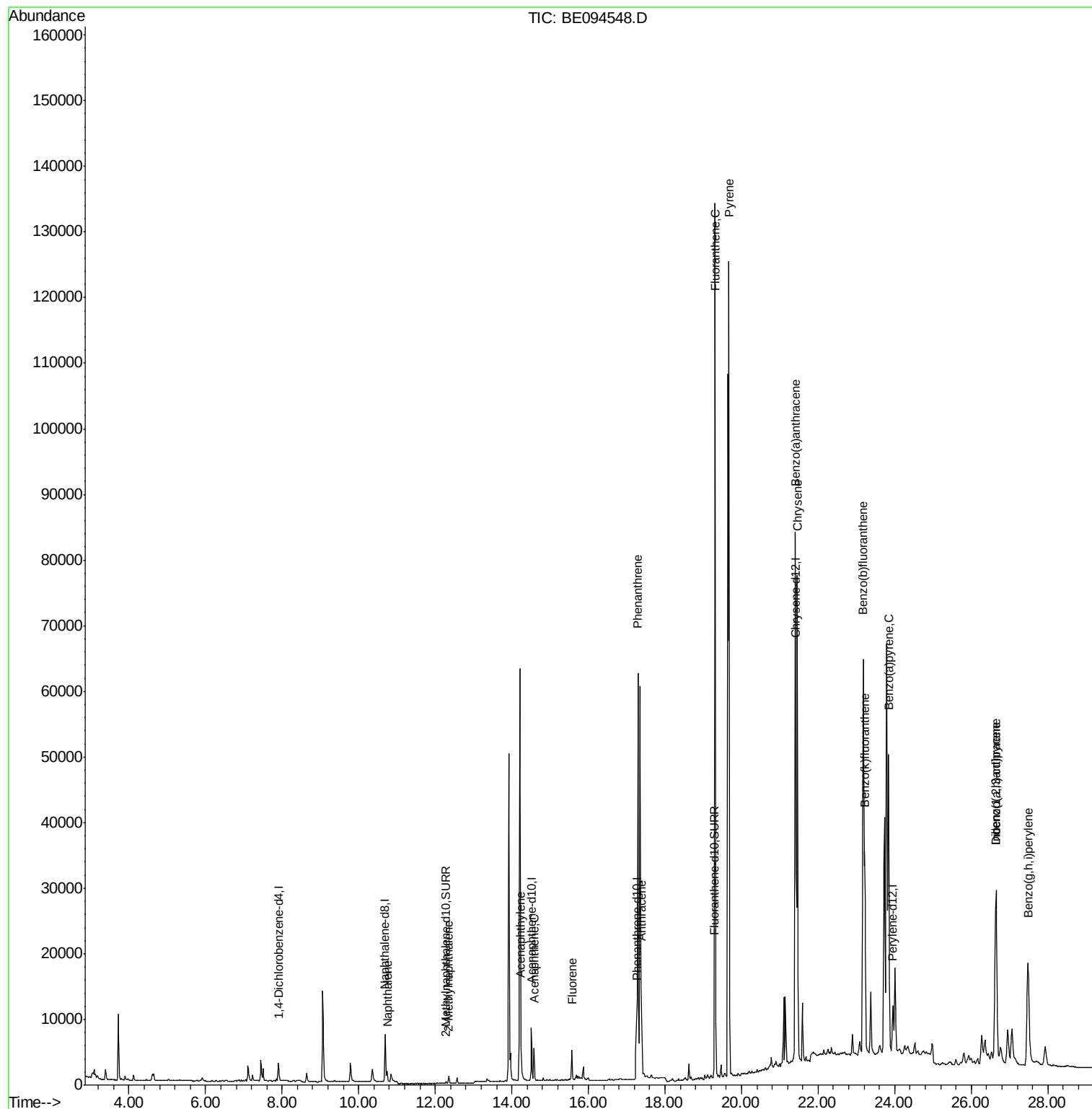
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
Data File : BE094548.D
Acq On : 26 Oct 2017 00:24
Operator : SJ/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

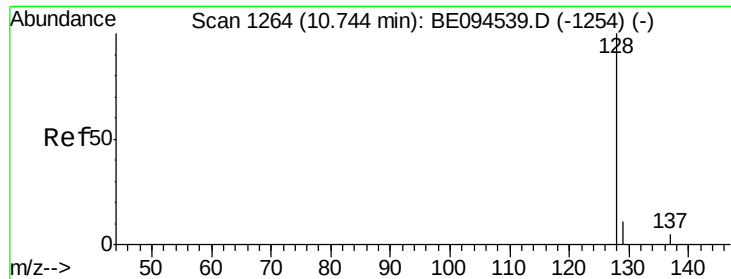
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.112 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Instrument :

BNA_E

ClientSampleId :

B-23(0-1)-100517

Tgt Ion:128 Resp: 2418

Ion Ratio Lower Upper

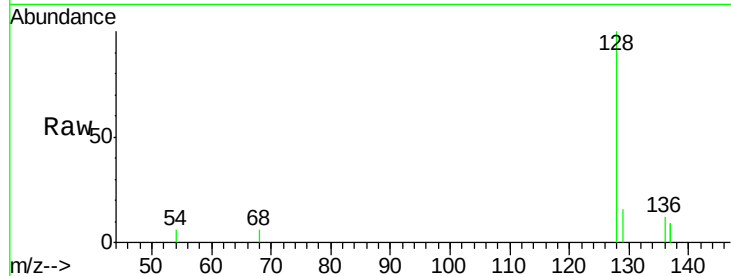
128 100

129 15.6 11.3 16.9

127 0.0 4.0 6.0#

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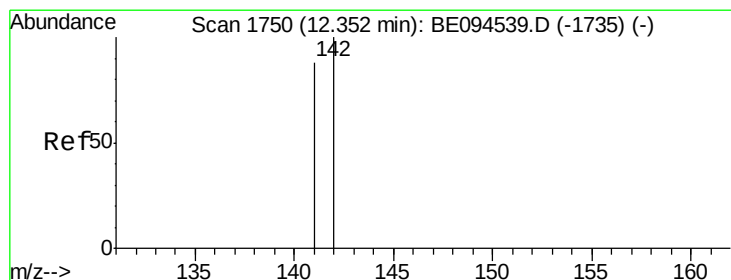
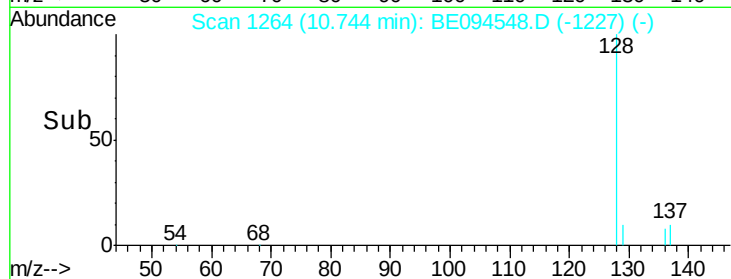
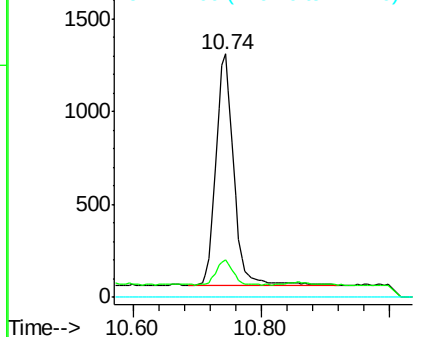
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.082 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Tgt Ion:142 Resp: 1231

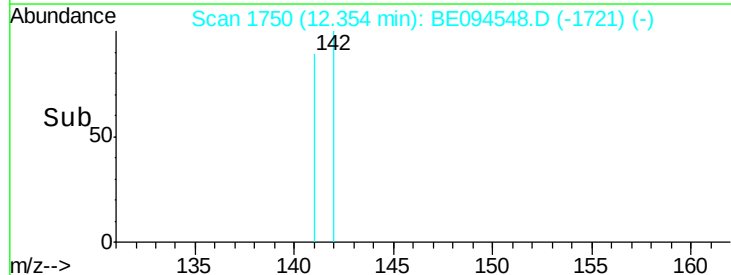
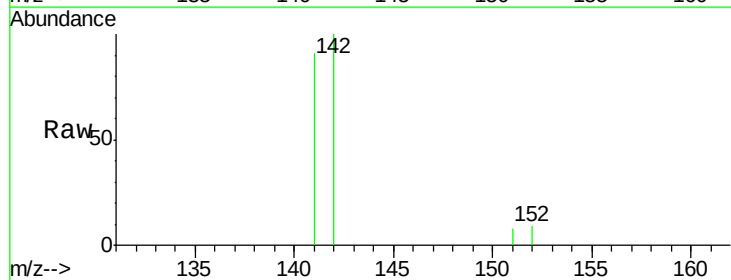
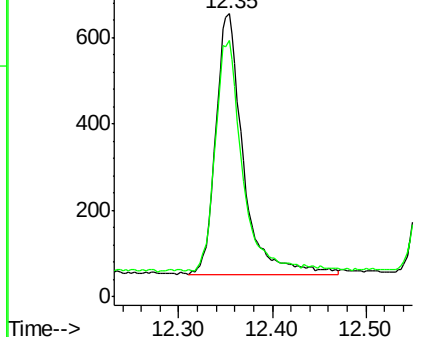
Ion Ratio Lower Upper

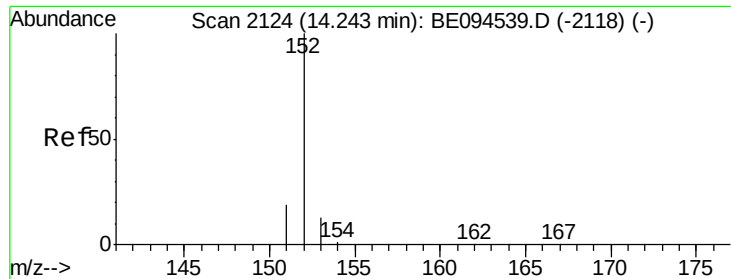
142 100

141 85.9 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: 0.167 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Instrument :

BNA_E

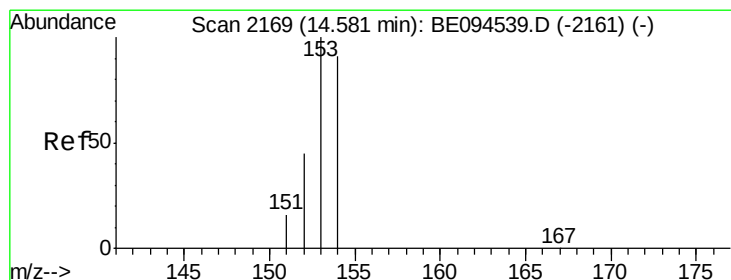
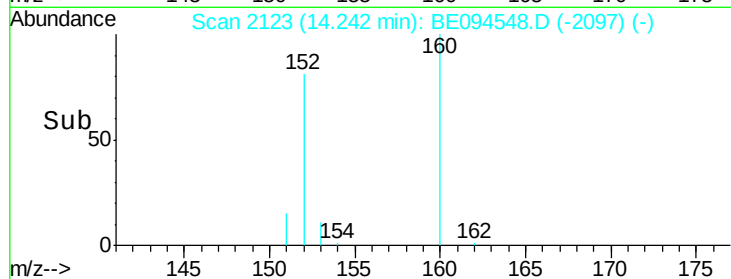
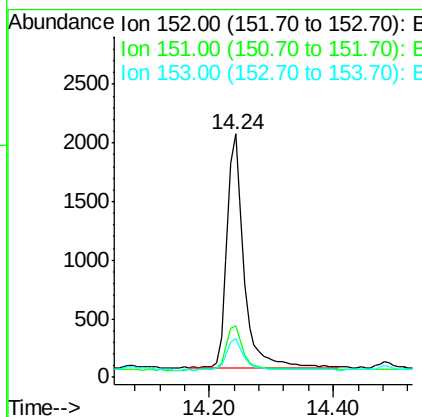
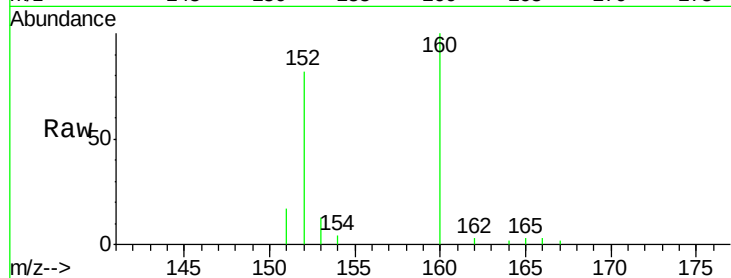
ClientSampleId :

B-23(0-1)-100517

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.1	25.7
153	16.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.198 ng/ul

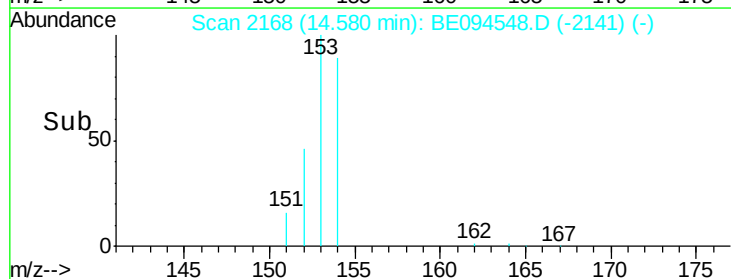
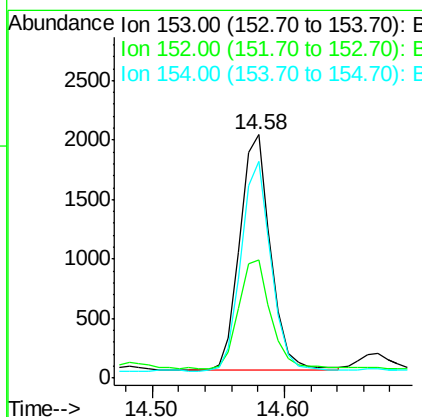
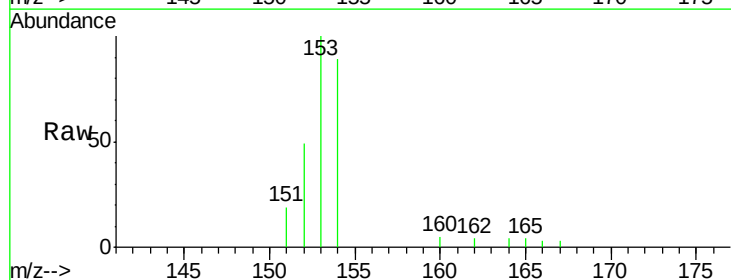
RT: 14.58 min Scan# 2168

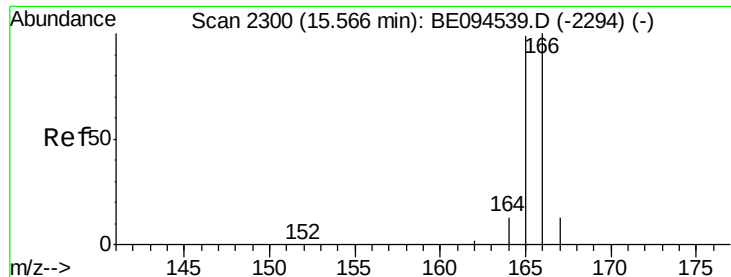
Delta R.T. -0.00 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.6	36.0	54.0
154	89.1	72.0	108.0





#9

Fluorene

Concen: 0.167 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Instrument :

BNA_E

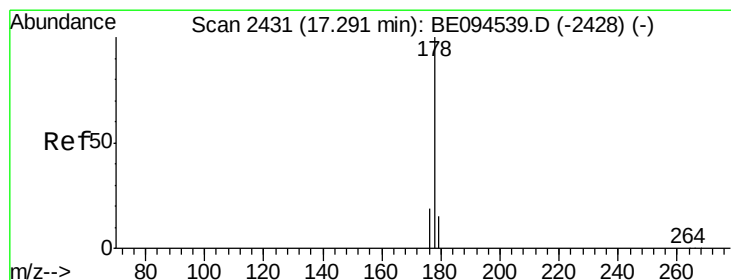
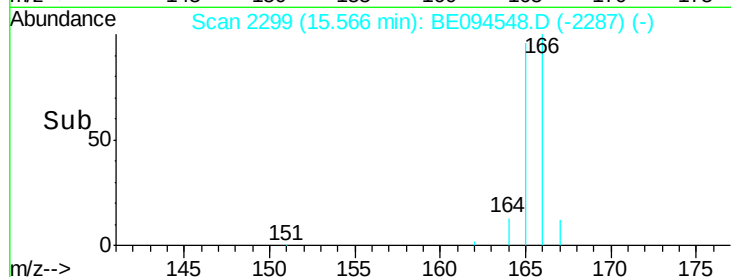
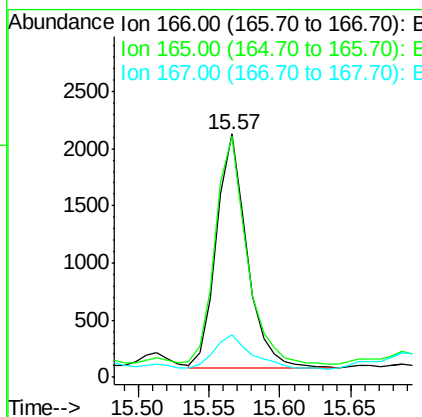
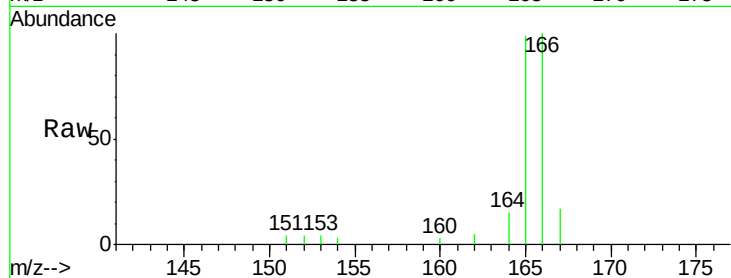
ClientSampleId :

B-23(0-1)-100517

Tgt Ion:	166	Resp:	3063
Ion Ratio	Lower	Upper	
166	100		
165	98.8	73.4	110.2
167	17.4	14.6	22.0

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#12

Phenanthrene

Concen: 2.287 ng/ul

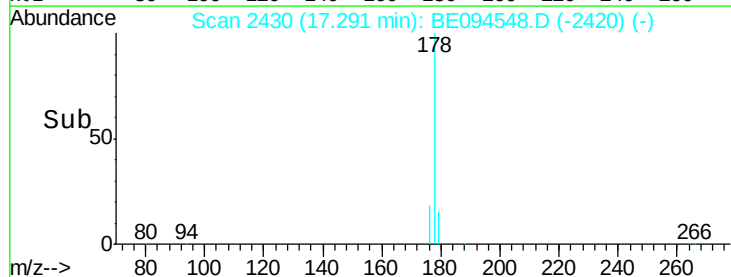
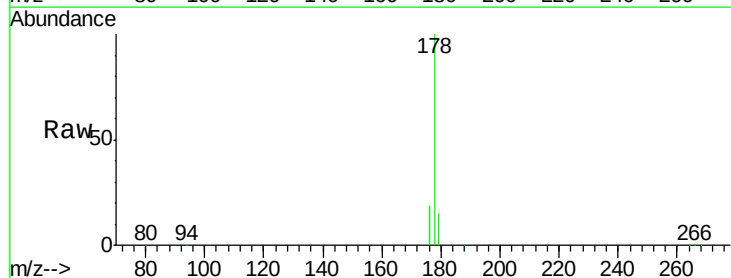
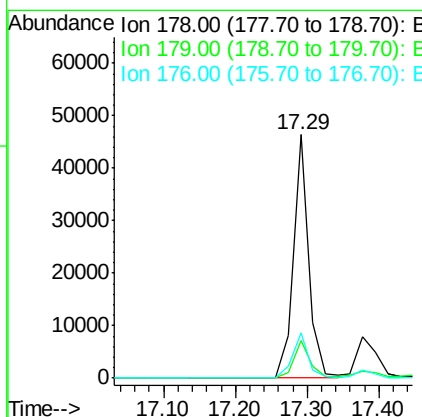
RT: 17.29 min Scan# 2430

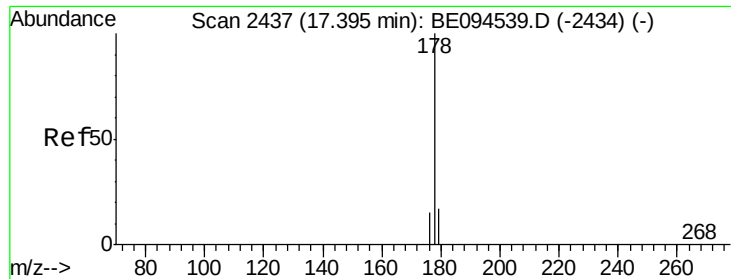
Delta R.T. -0.02 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Tgt Ion:	178	Resp:	68550
Ion Ratio	Lower	Upper	
178	100		
179	15.2	18.4	27.6#
176	18.6	13.6	20.4





#13

Anthracene

Concen: 0.499 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Instrument :

BNA_E

ClientSampleId :

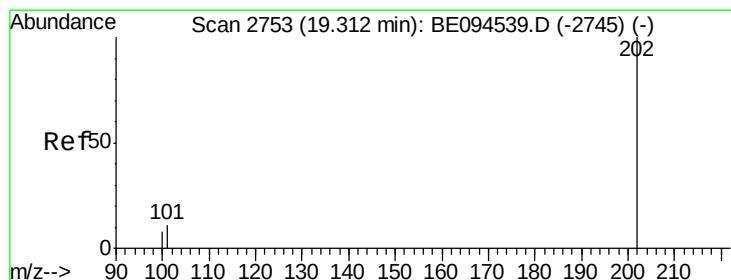
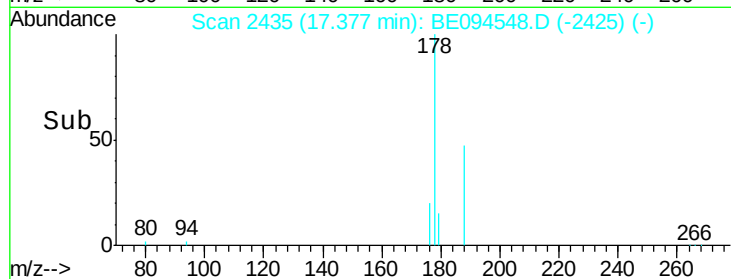
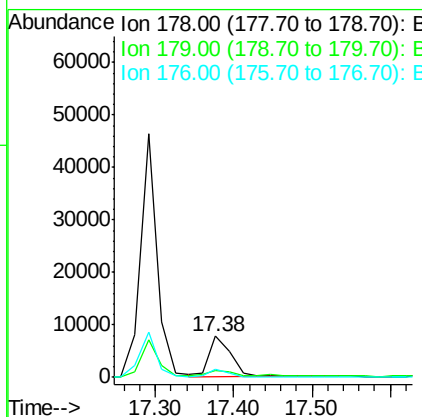
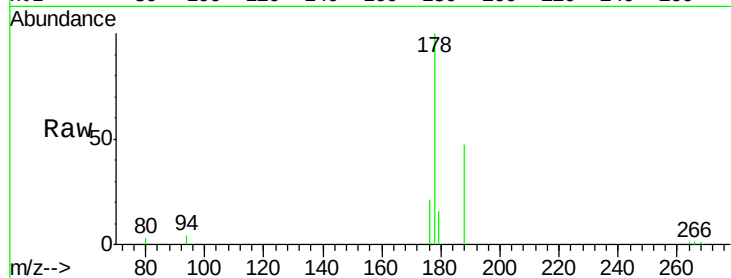
B-23(0-1)-100517

Tgt Ion:178 Resp: 14744

Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.1	27.1#
176	20.8	14.7	22.1

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#15

Fluoranthene

Concen: 4.446 ng/ul

RT: 19.31 min Scan# 2752

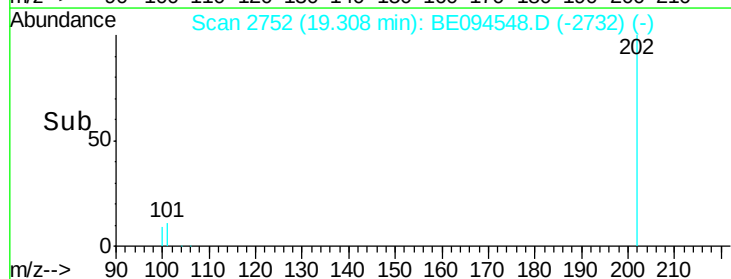
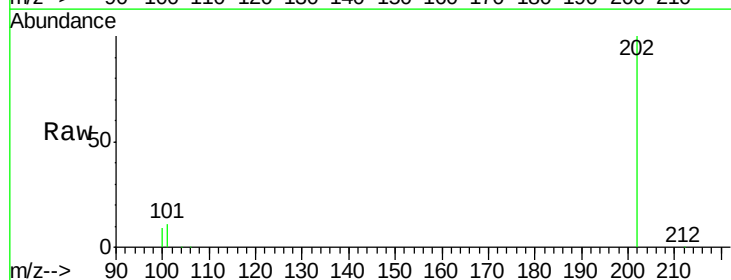
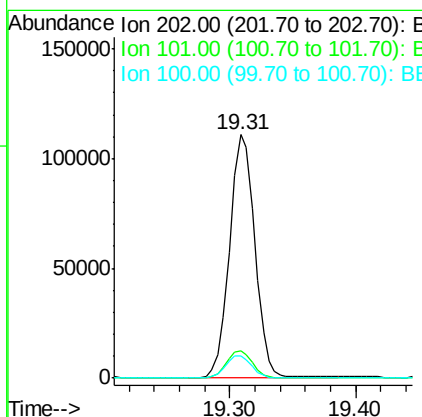
Delta R.T. -0.01 min

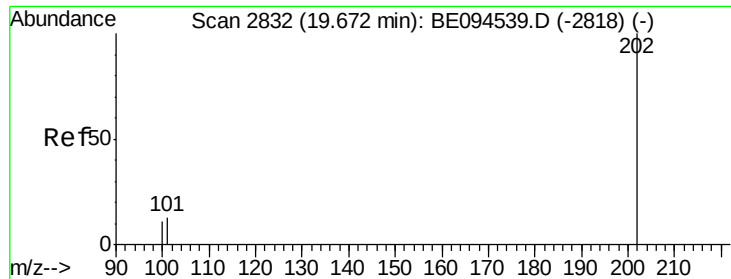
Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Tgt Ion:202 Resp: 154053

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	9.3	0.0	39.5





#17

Pyrene

Concen: 4.015 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Instrument :

BNA_E

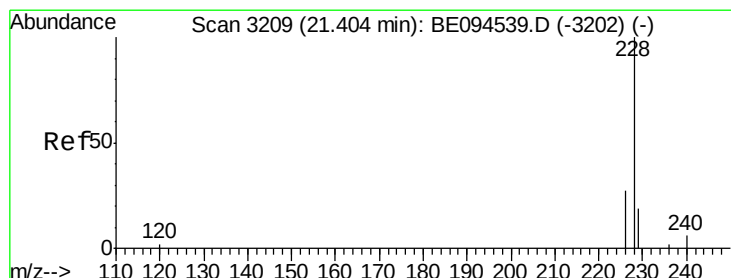
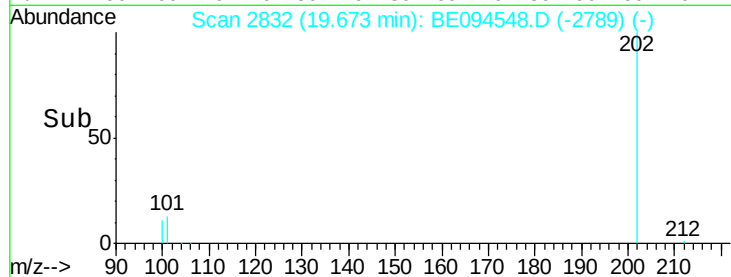
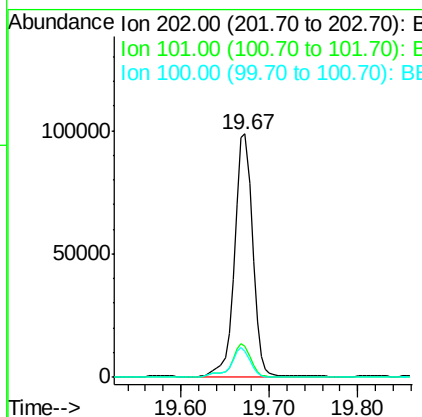
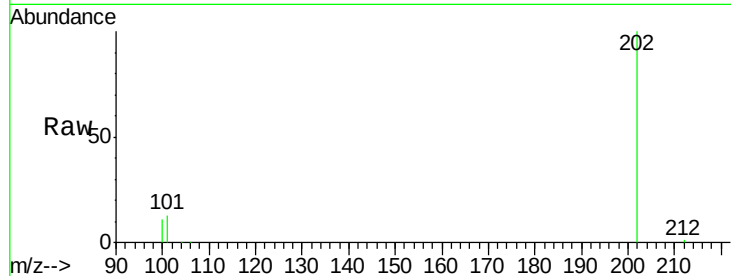
ClientSampleId :

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Tgt Ion:	202	Resp:	138075
Ion Ratio		Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	10.6	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.345 ng/ul

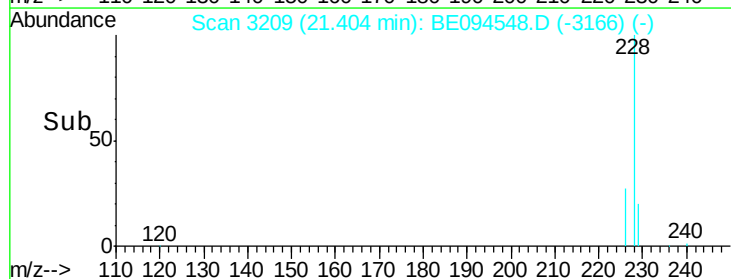
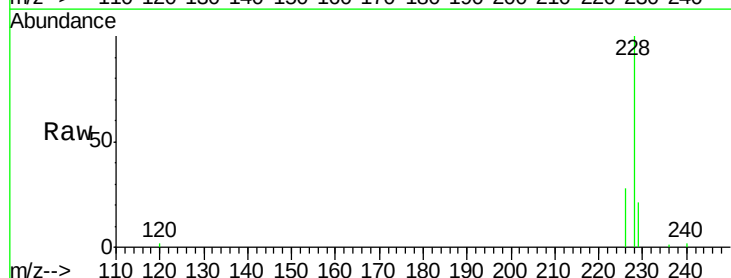
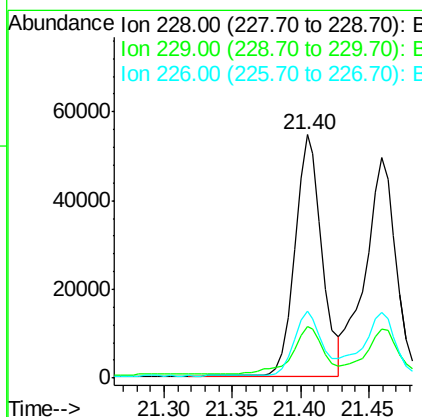
RT: 21.40 min Scan# 3209

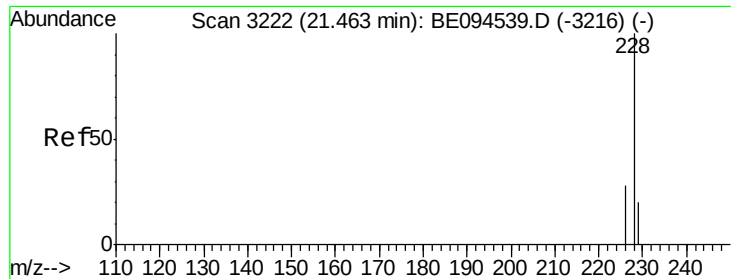
Delta R.T. -0.00 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Tgt Ion:	228	Resp:	74580
Ion Ratio		Lower	Upper
228	100		
229	21.1	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 2.376 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Instrument :

BNA_E

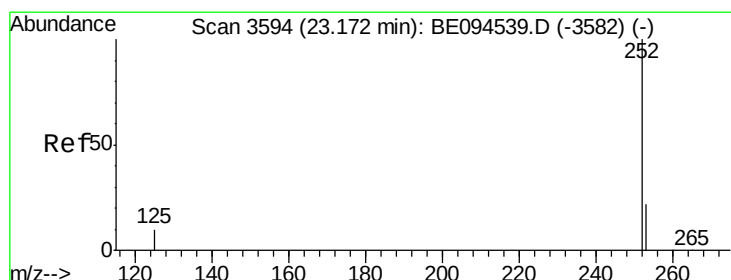
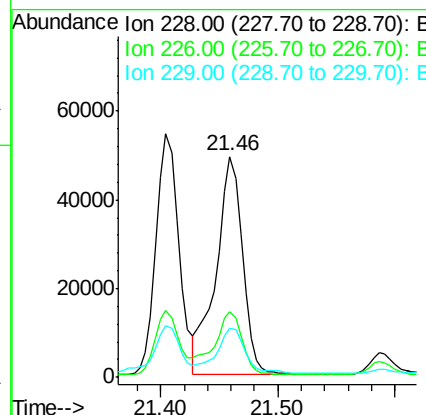
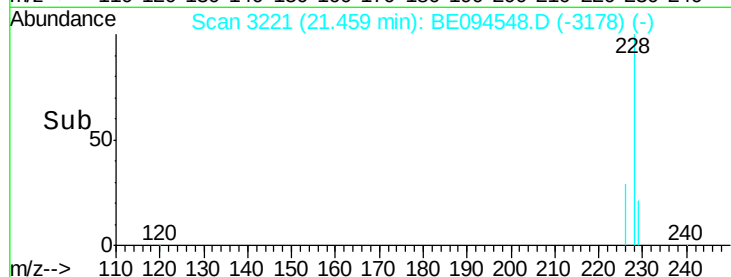
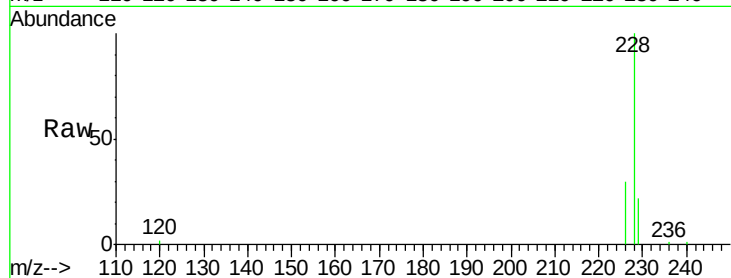
ClientSampleId :

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Tgt Ion:	228	Resp:	78114
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	22.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.677 ng/ul m

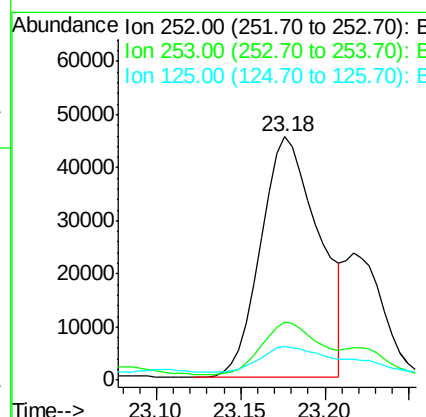
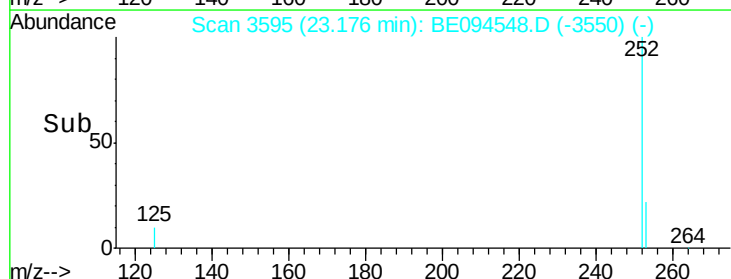
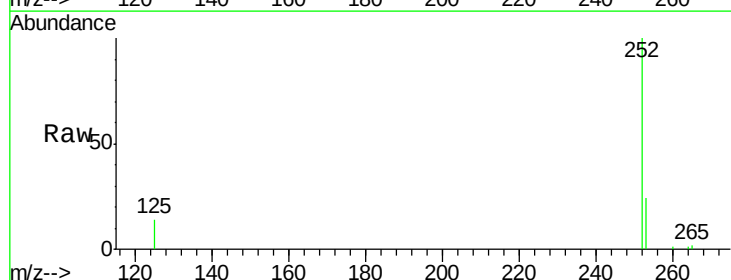
RT: 23.18 min Scan# 3595

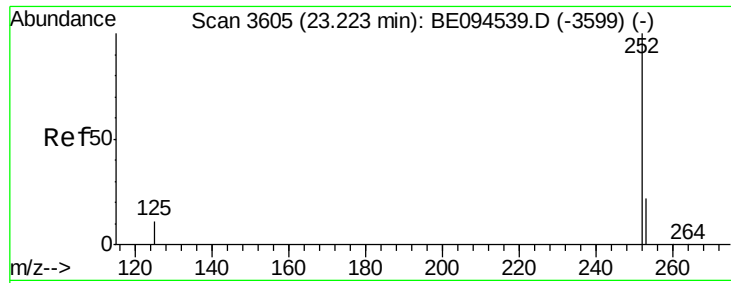
Delta R.T. 0.00 min

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Tgt Ion:	252	Resp:	109383
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	64.2
125	13.8	0.0	35.0





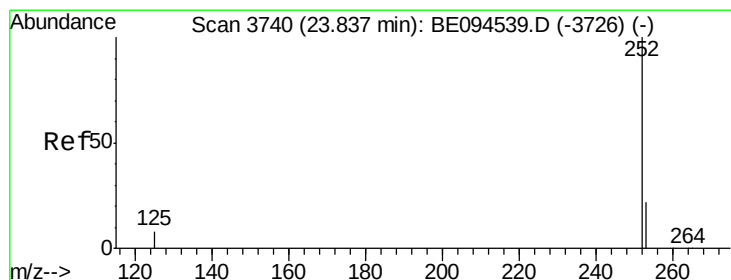
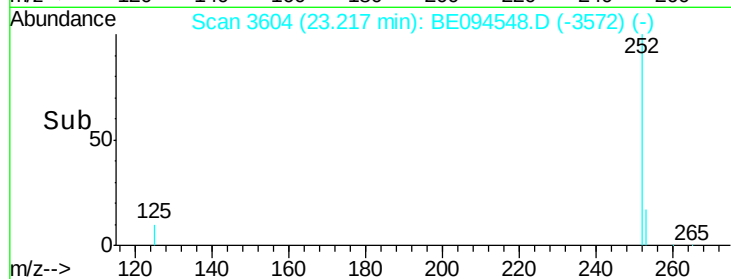
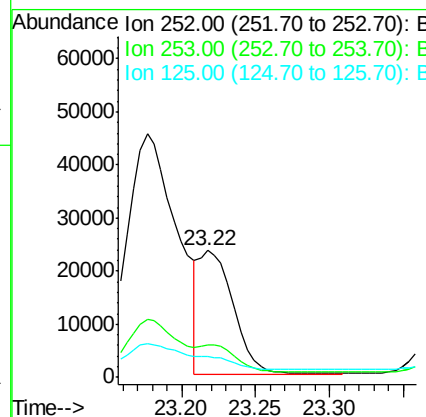
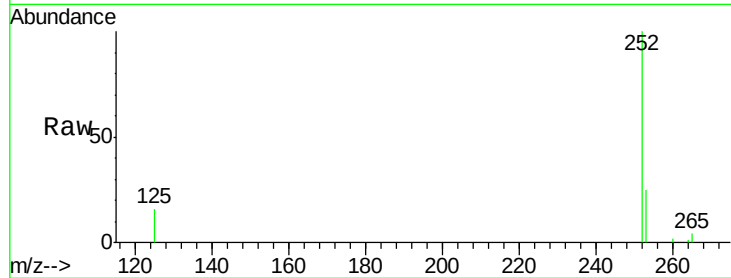
#22
Benzo(k)fluoranthene
Concen: 1.182 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.00 min
Lab File: BE094548.D
Acq: 26 Oct 2017 00:24

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	24.5	36.7
125	16.5	13.7	20.5

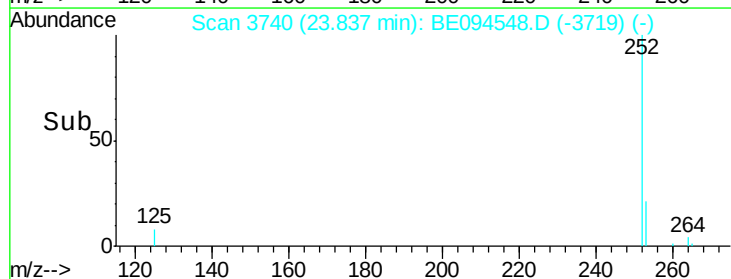
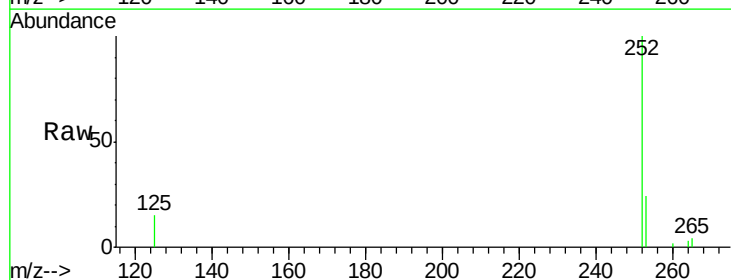
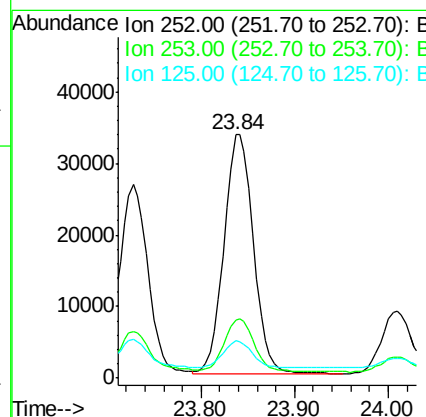
Manual Integrations
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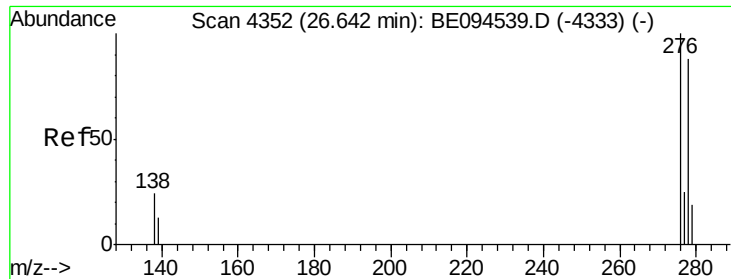
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10/27/2017 8:56:33 AM



#23
Benzo(a)pyrene
Concen: 2.440 ng/ul
RT: 23.84 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BE094548.D
Acq: 26 Oct 2017 00:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	28.5	42.7#
125	15.4	18.1	27.1#





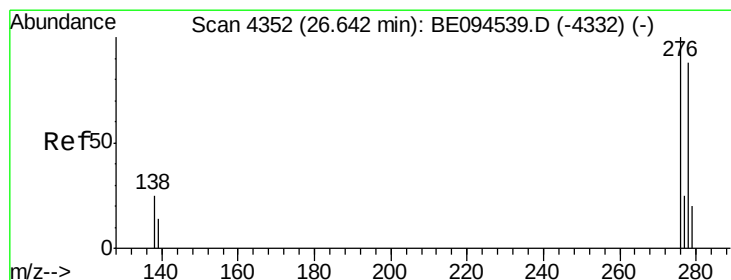
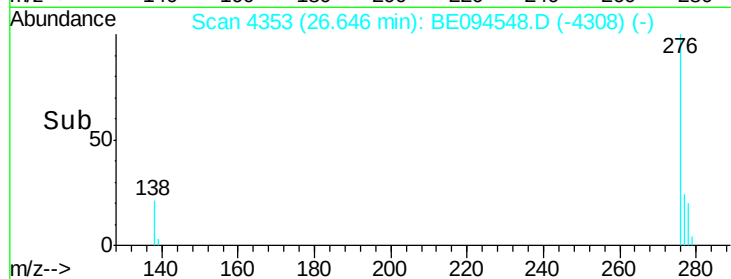
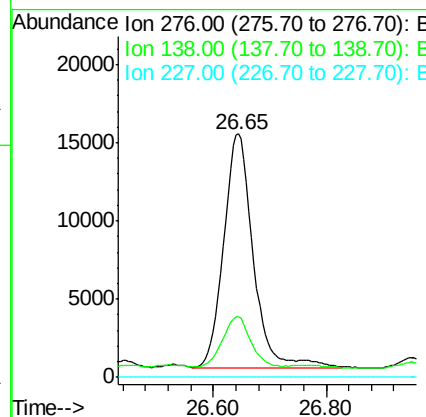
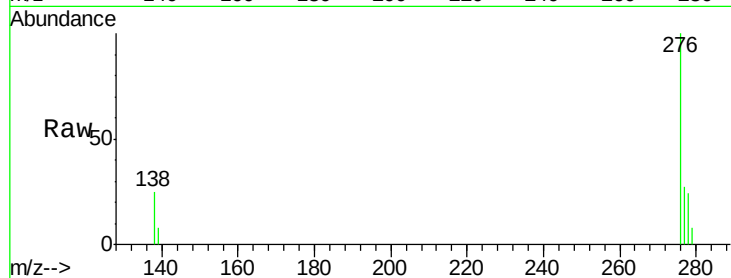
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.749 ng/ul
 RT: 26.65 min Scan# 4353
 Delta R.T. 0.00 min
 Lab File: BE094548.D
 Acq: 26 Oct 2017 00:24

Instrument :
 BNA_E
 ClientSampleId :
 B-23(0-1)-100517

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	28.0	42.0#
227	0.0	8.0	12.0#

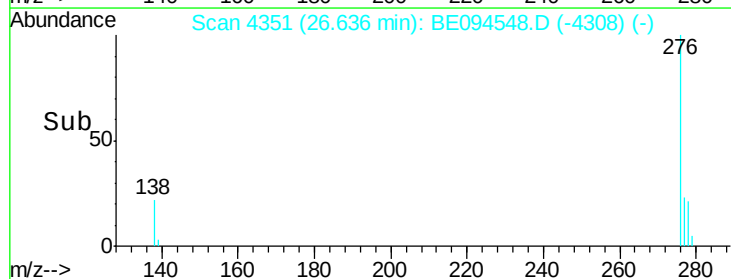
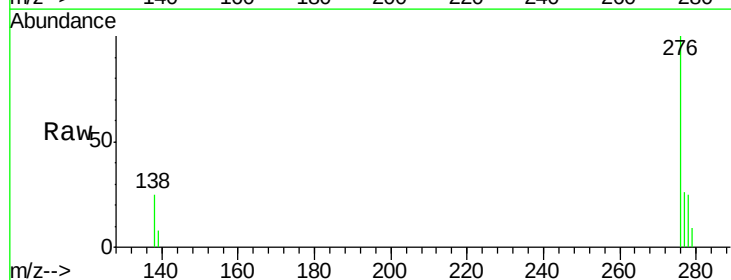
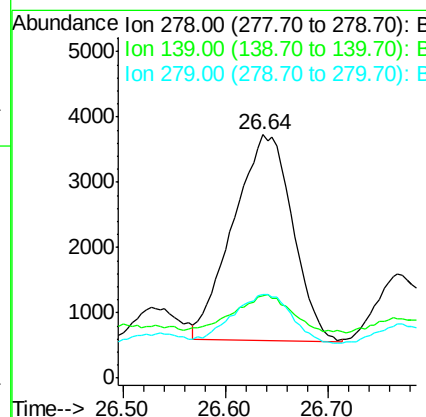
Manual Integrations
 APPROVED

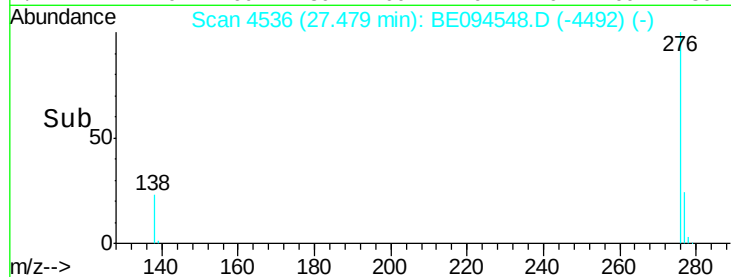
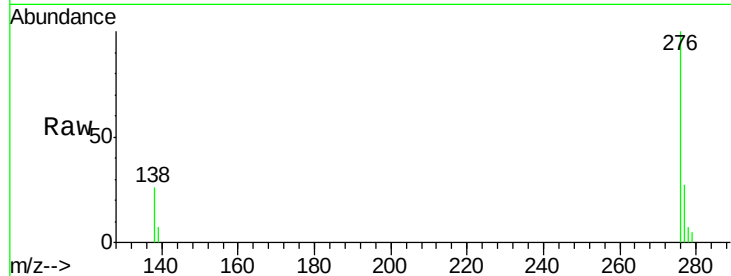
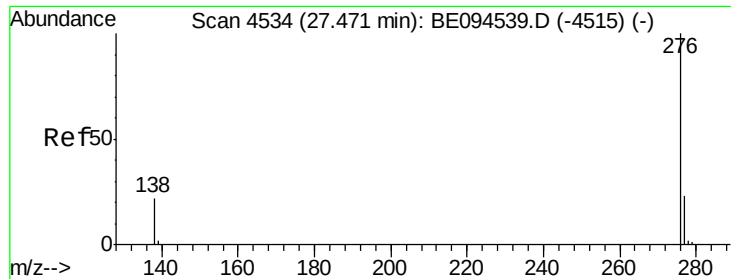
Sohil
 10/27/2017 8:56:33 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.489 ng/ul
 RT: 26.64 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: BE094548.D
 Acq: 26 Oct 2017 00:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.7	17.4	26.0#
279	34.5	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 1.795 ng/ul

RT: 27.48 min Scan# 4536

Delta R.T. -0.00 min

Lab File: BE094548.D

Acq: 26 Oct 2017 00:24

Instrument :

BNA_E

ClientSampleId :

B-23(0-1)-100517

Tgt Ion:	276	Resp:	44352
Ion Ratio	Lower	Upper	
276	100		
138	26.5	21.8	32.8
277	27.2	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 8:56:33 AM

