

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094729.D
 Acq On : 4 Nov 2017 4:01
 Operator : SJ/JU
 Sample : I6032-01 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-31(1-2)-101817

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:17:03 PM

Quant Time: Nov 04 04:22:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 02:38:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1703	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	10104	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5621	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12158	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	11950	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	12921	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	780	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	1904	0.05	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	29751	1.204	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	6230	0.360	ng/ul	98
7) Acenaphthylene	14.24	152	4825	0.190	ng/ul	99
8) Acenaphthene	14.57	153	3064	0.168	ng/ul	97
9) Fluorene	15.56	166	3667	0.179	ng/ul	94
12) Phenanthrene	17.29	178	107452	3.346	ng/ul#	92
13) Anthracene	17.38	178	27940	0.882	ng/ul#	92
15) Fluoranthene	19.30	202	172883	4.657	ng/ul	84
17) Pyrene	19.66	202	148832	4.029	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	80501	2.356	ng/ul#	87
19) Chrysene	21.46	228	79725	2.258	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	94237m	2.593	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	35929m	0.922	ng/ul	
23) Benzo(a)pyrene	23.84	252	65765	1.810	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.65	276	38385	1.021	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	9133	0.288	ng/ul#	95
26) Benzo(g,h,i)perylene	27.49	276	29787	0.987	ng/ul	97

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

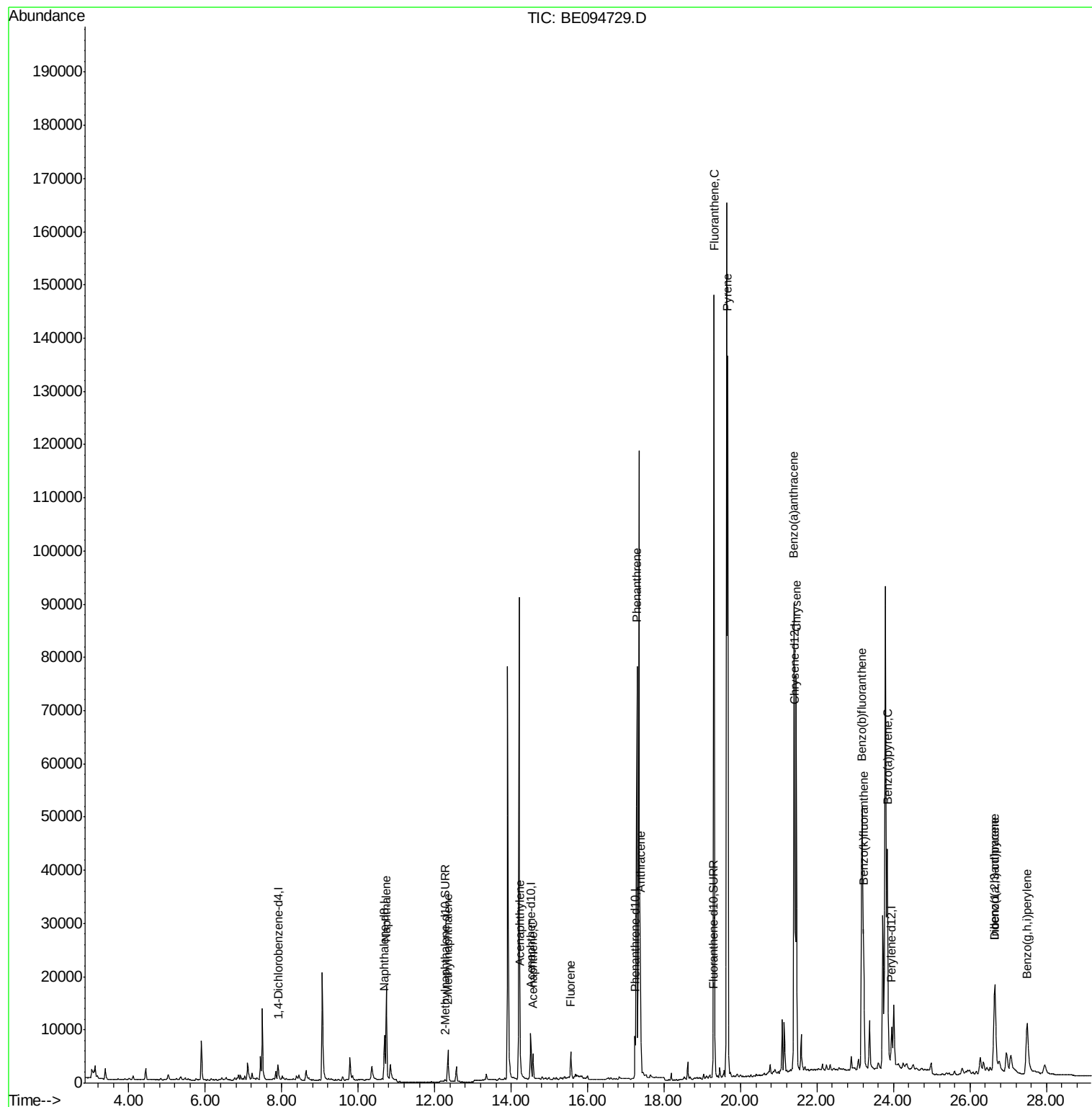
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 29 Sample Multiplier: 1

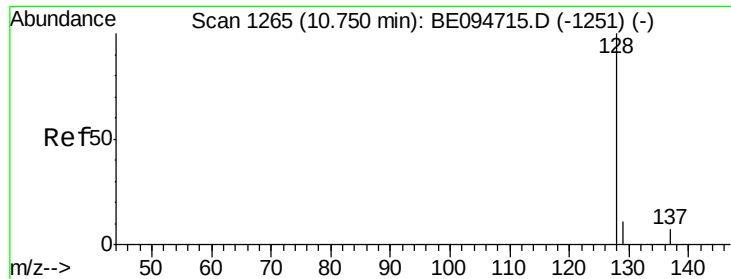
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Sat Nov 04 02:38:13 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.204 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094729.D

Acq: 4 Nov 2017 4:01

Instrument :

BNA_E

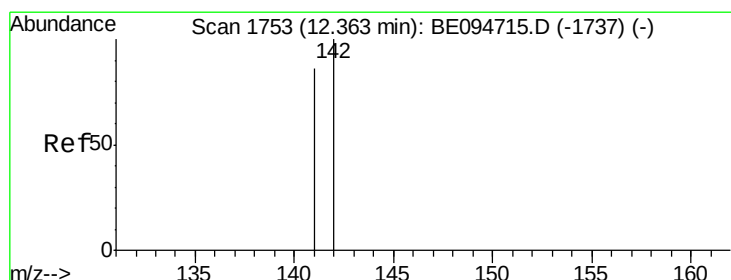
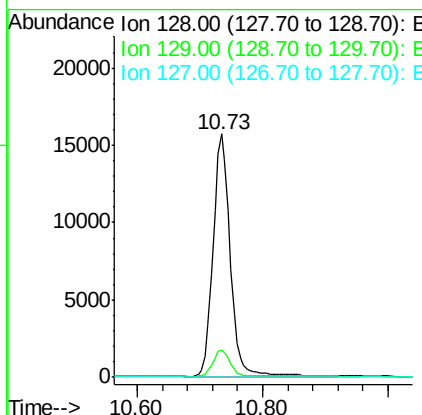
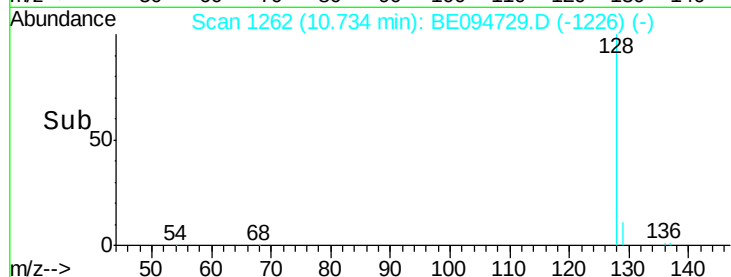
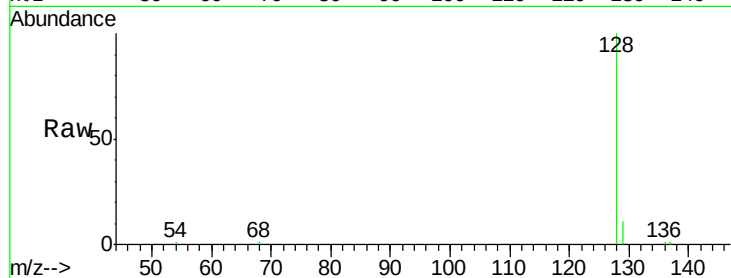
ClientSampleId :

B-31(1-2)-101817

Tgt Ion:	128	Resp:	29751
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.360 ng/ul

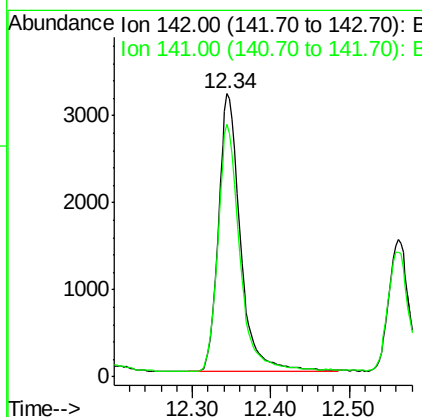
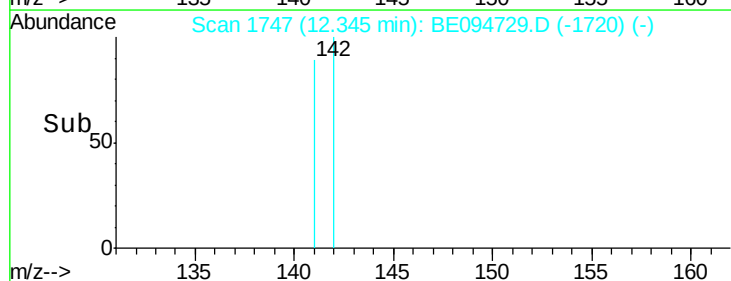
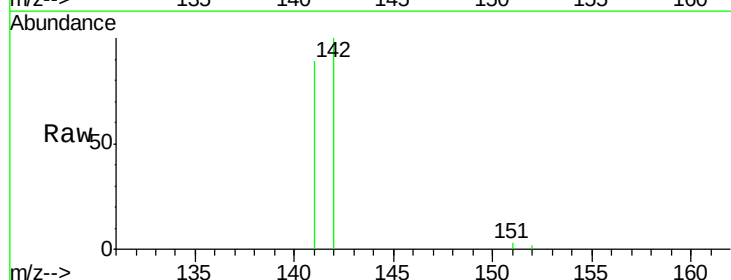
RT: 12.34 min Scan# 1747

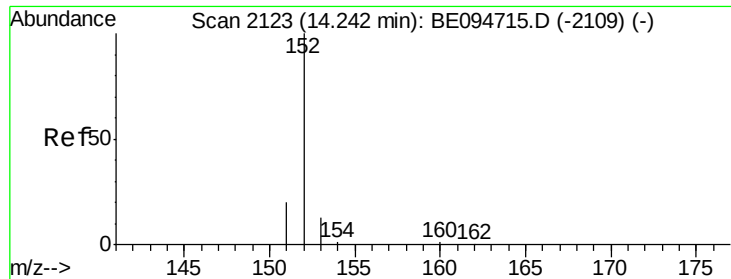
Delta R.T. -0.02 min

Lab File: BE094729.D

Acq: 4 Nov 2017 4:01

Tgt Ion:	142	Resp:	6230
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.190 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094729.D

Acq: 4 Nov 2017 4:01

Instrument :

BNA_E

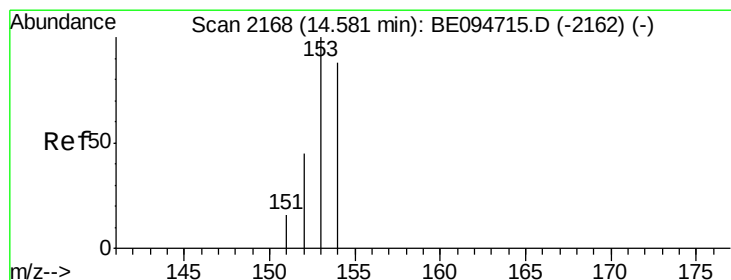
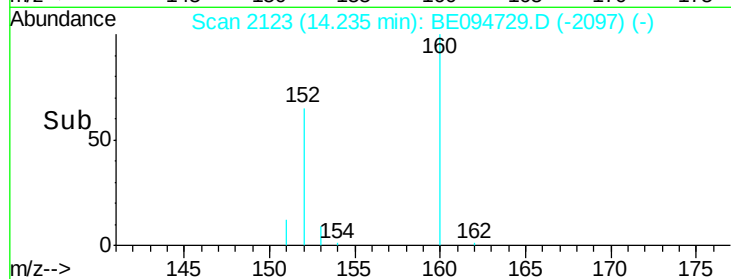
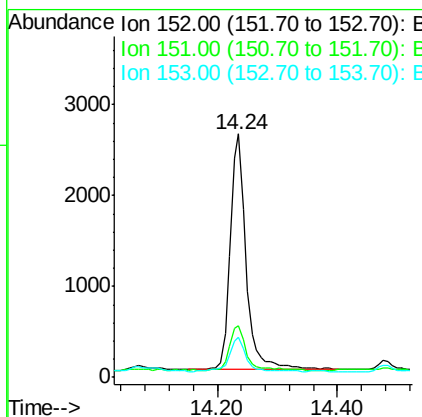
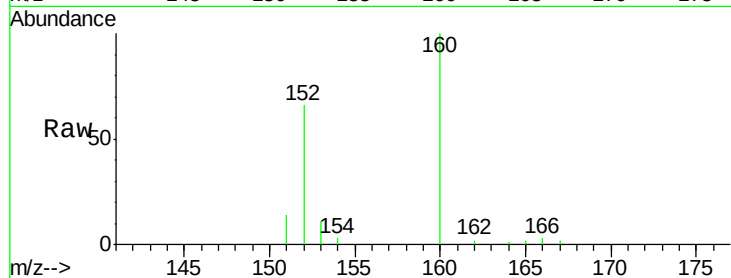
ClientSampleId :

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Tgt Ion:	152	Resp:	4825
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	16.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.168 ng/ul

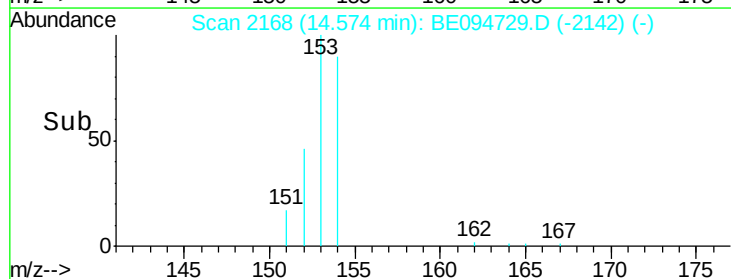
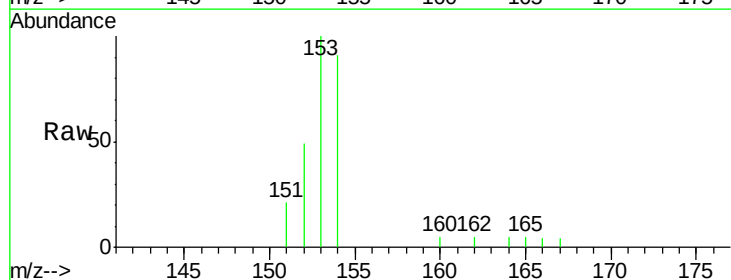
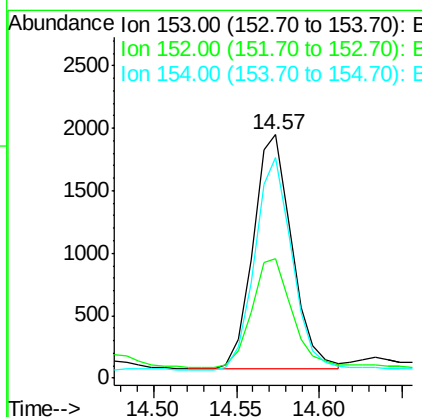
RT: 14.57 min Scan# 2168

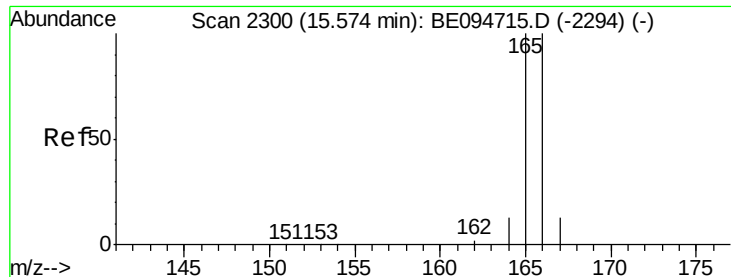
Delta R.T. -0.01 min

Lab File: BE094729.D

Acq: 4 Nov 2017 4:01

Tgt Ion:	153	Resp:	3064
Ion Ratio	Lower	Upper	
153	100		
152	49.2	36.0	54.0
154	90.6	72.0	108.0





#9

Fluorene

Concen: 0.179 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094729.D

Acq: 4 Nov 2017 4:01

Instrument :

BNA_E

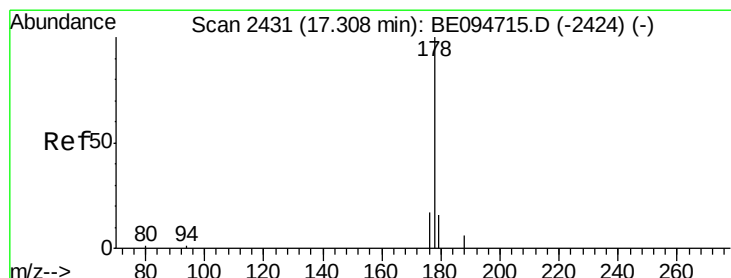
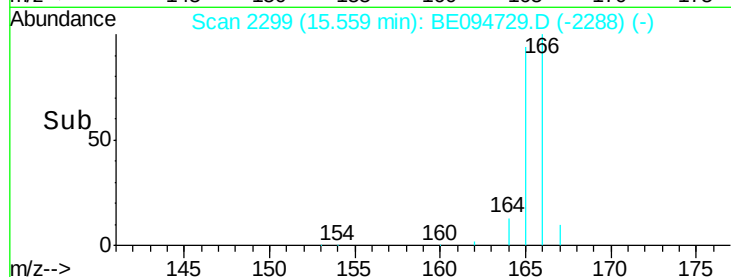
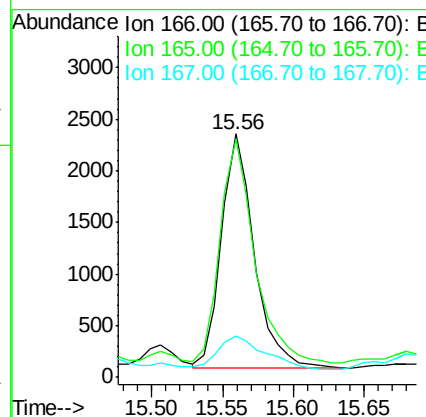
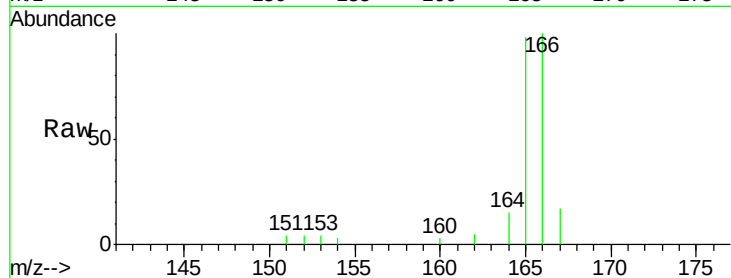
ClientSampleId :

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Tgt Ion:	166	Resp:	3667
Ion Ratio	Lower	Upper	
166	100		
165	98.0	73.4	110.2
167	16.8	14.6	22.0

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#12

Phenanthrene

Concen: 3.346 ng/ul

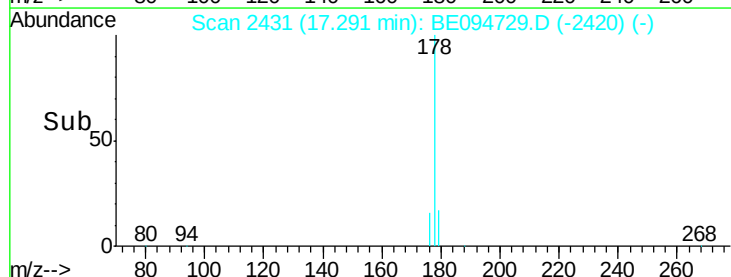
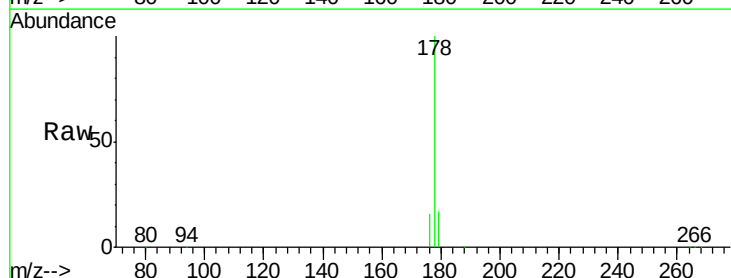
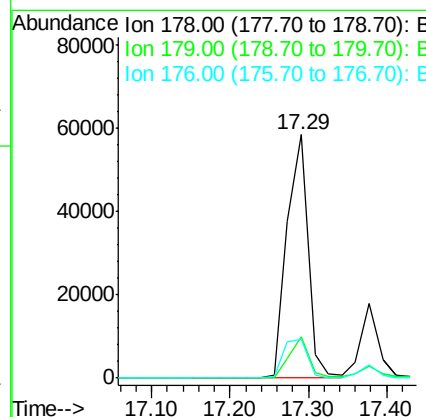
RT: 17.29 min Scan# 2431

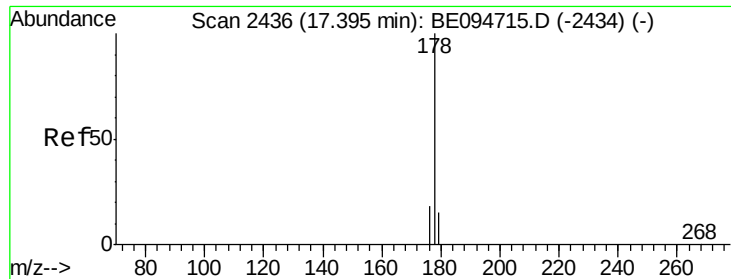
Delta R.T. -0.02 min

Lab File: BE094729.D

Acq: 4 Nov 2017 4:01

Tgt Ion:	178	Resp:	107452
Ion Ratio	Lower	Upper	
178	100		
179	16.9	18.4	27.6#
176	16.0	13.6	20.4





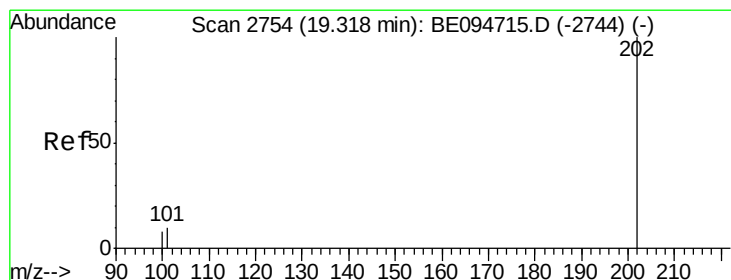
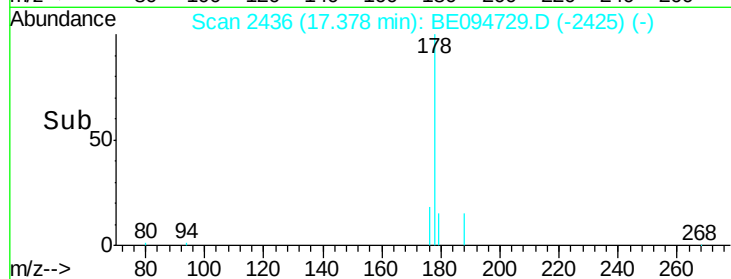
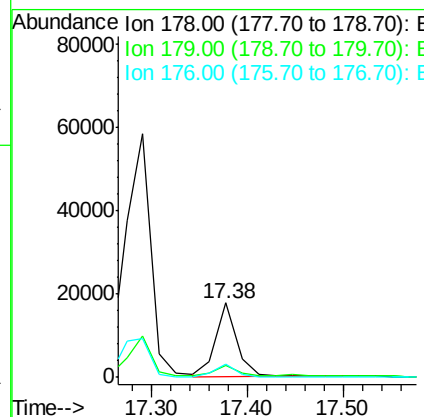
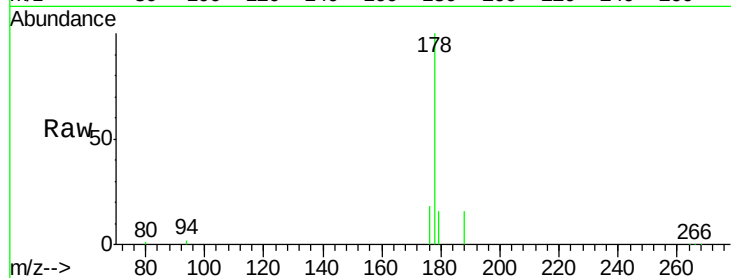
#13
 Anthracene
 Concen: 0.882 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094729.D
 Acq: 4 Nov 2017 4:01

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.1	27.1#
176	17.9	14.7	22.1

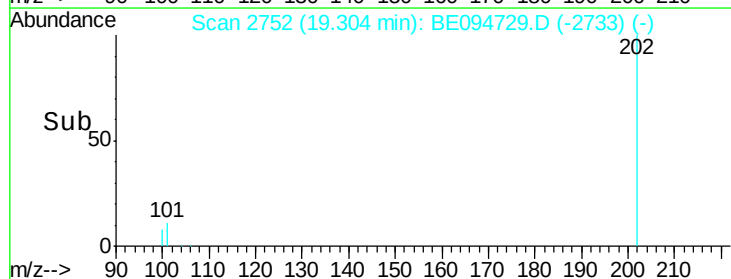
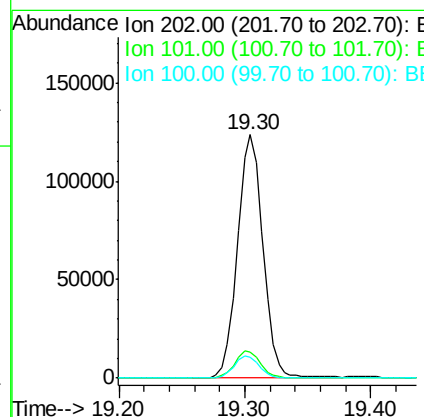
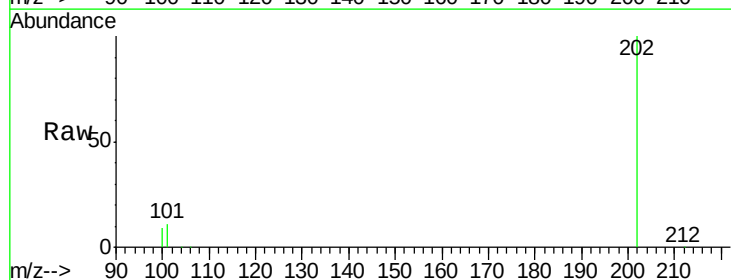
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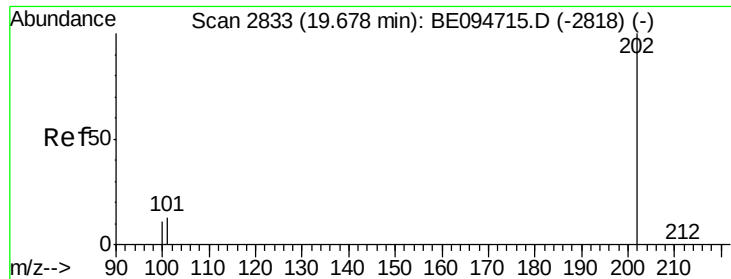
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#15
 Fluoranthene
 Concen: 4.657 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094729.D
 Acq: 4 Nov 2017 4:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.5	0.0	39.5





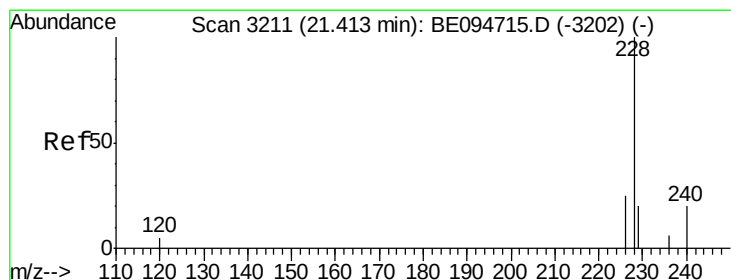
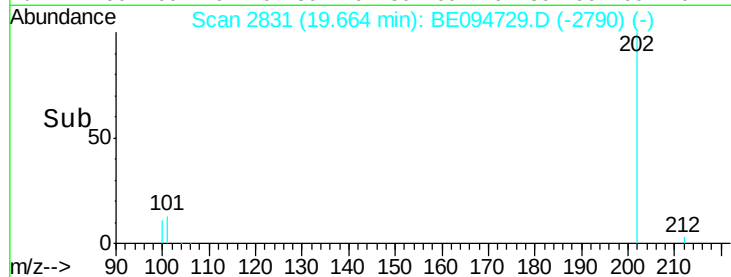
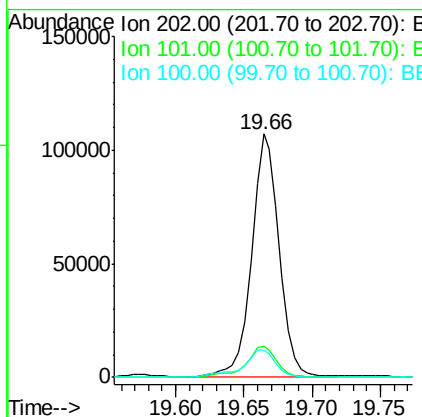
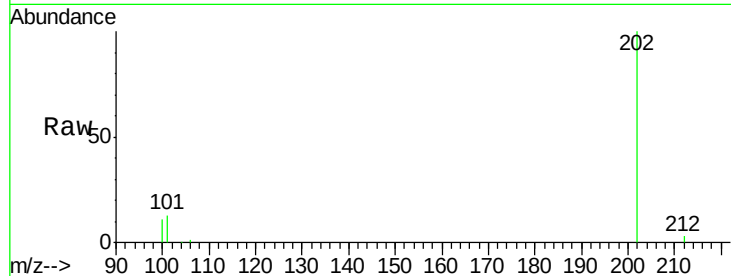
#17
Pyrene
Concen: 4.029 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094729.D
Acq: 4 Nov 2017 4:01

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	18.2	27.4#
100	11.2	15.6	23.4#

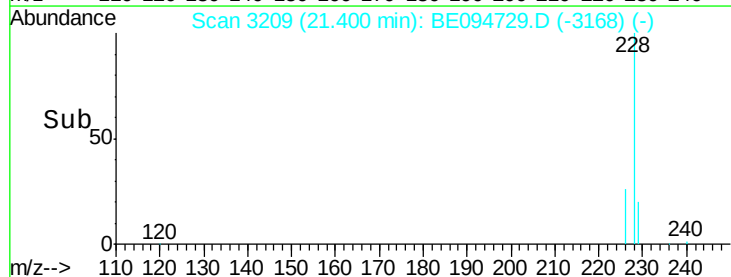
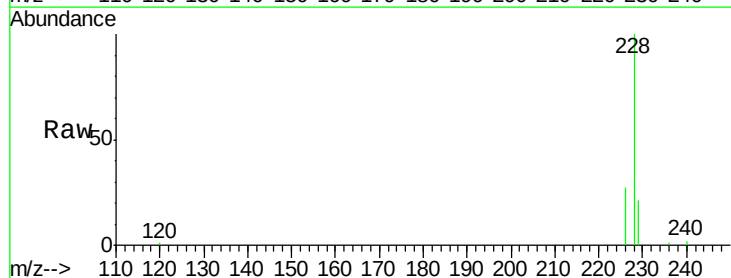
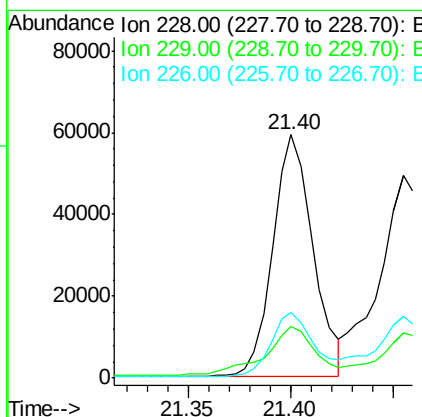
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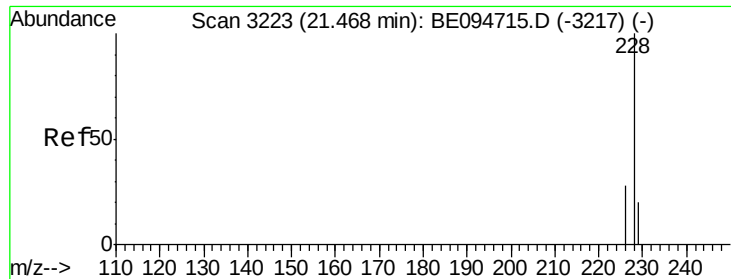
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#18
Benzo(a)anthracene
Concen: 2.356 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094729.D
Acq: 4 Nov 2017 4:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	22.8	34.2#
226	26.7	17.0	25.6#





#19

Chrysene

Concen: 2.258 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094729.D

Acq: 4 Nov 2017 4:01

Instrument :

BNA_E

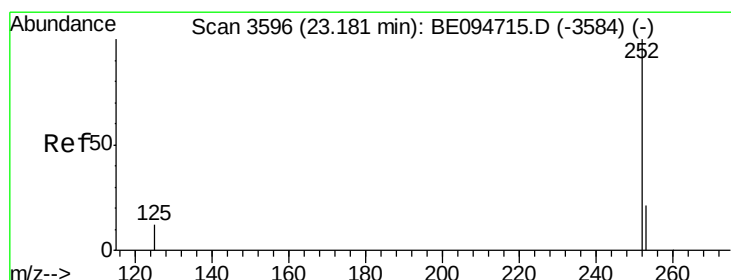
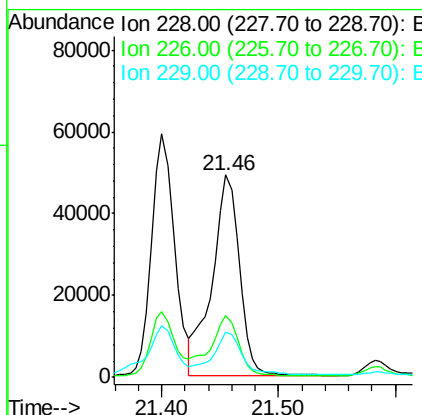
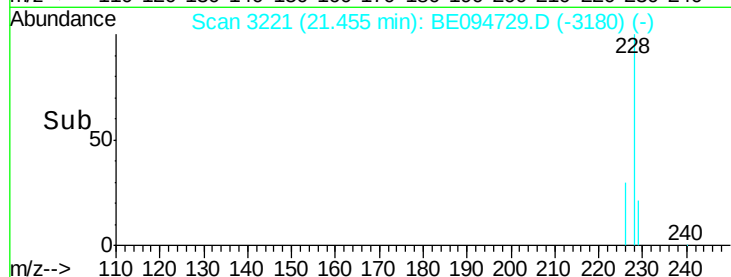
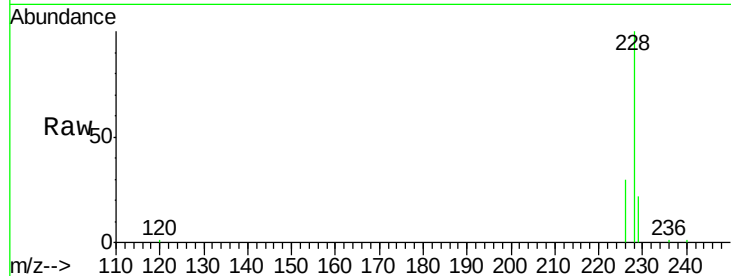
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Tgt Ion:	228	Resp:	79725
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	22.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.593 ng/ul m

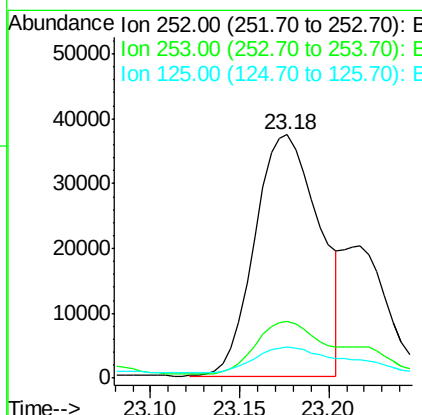
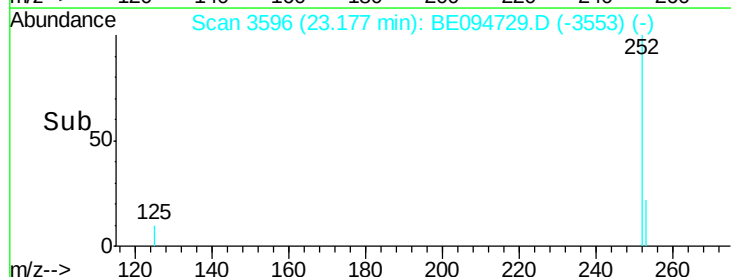
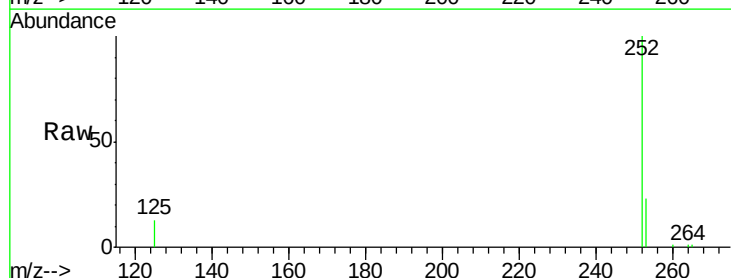
RT: 23.18 min Scan# 3596

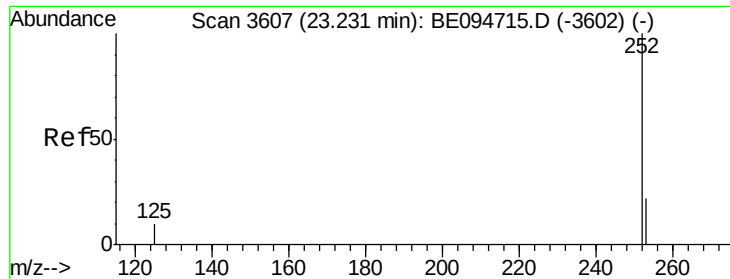
Delta R.T. -0.00 min

Lab File: BE094729.D

Acq: 4 Nov 2017 4:01

Tgt Ion:	252	Resp:	94237
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	12.8	0.0	35.0





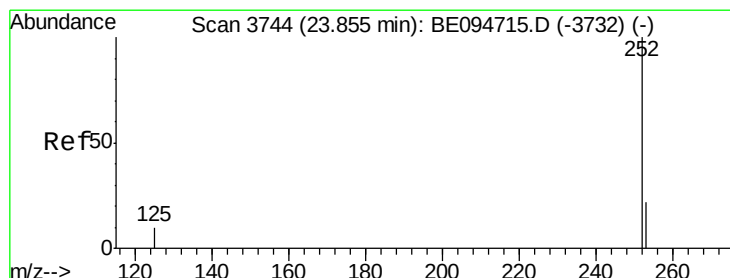
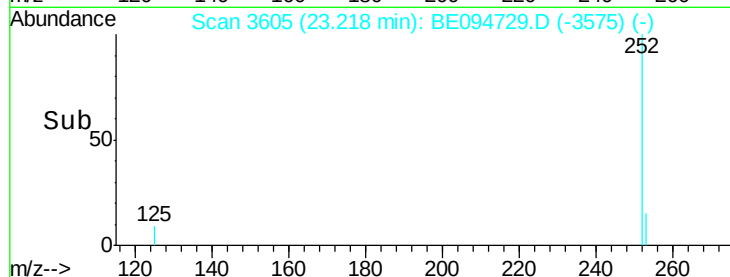
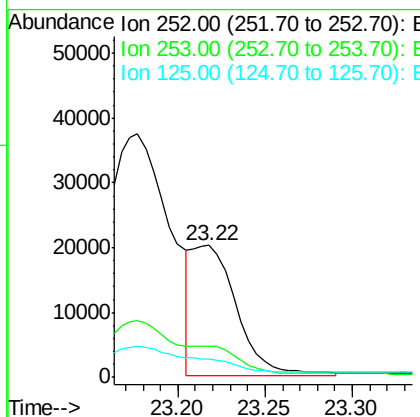
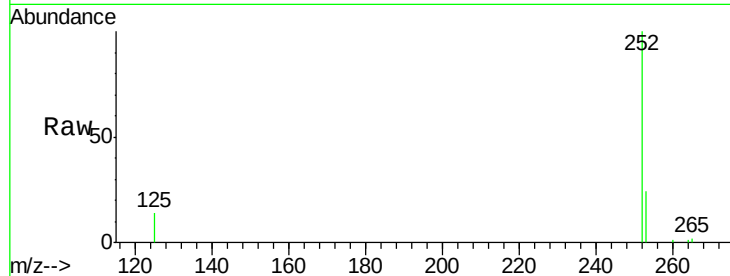
#22
Benzo(k)fluoranthene
Concen: 0.922 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. -0.01 min
Lab File: BE094729.D
Acq: 4 Nov 2017 4:01

Instrument :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	14.0	13.7	20.5

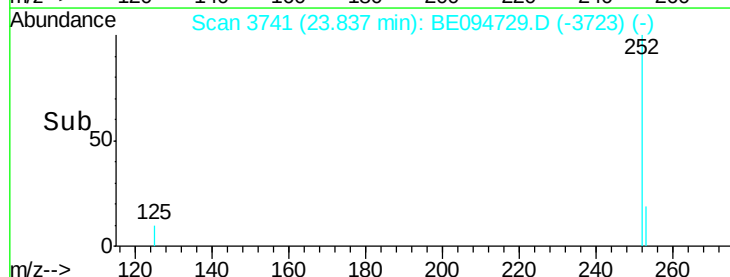
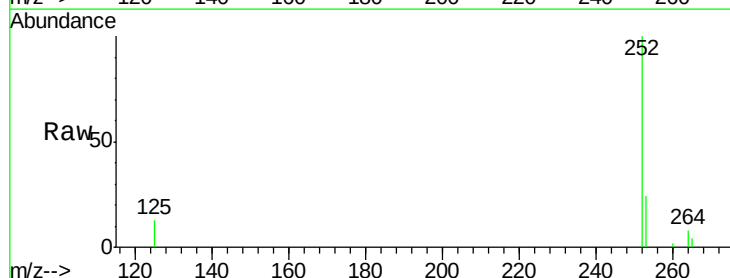
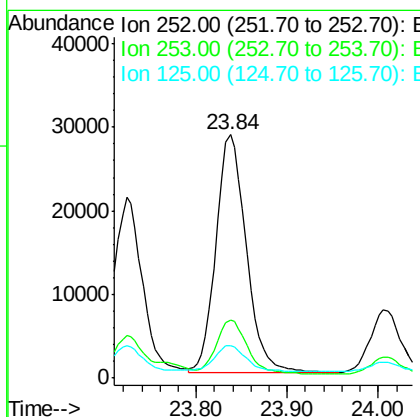
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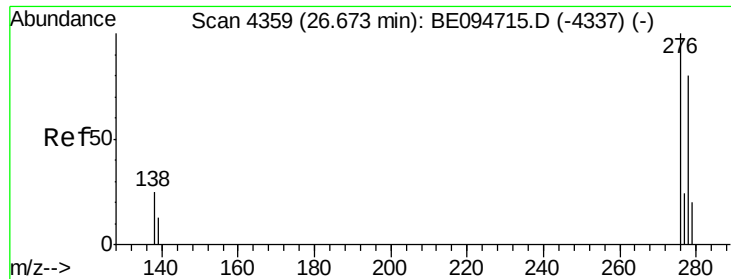
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#23
Benzo(a)pyrene
Concen: 1.810 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.02 min
Lab File: BE094729.D
Acq: 4 Nov 2017 4:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	13.3	18.1	27.1#





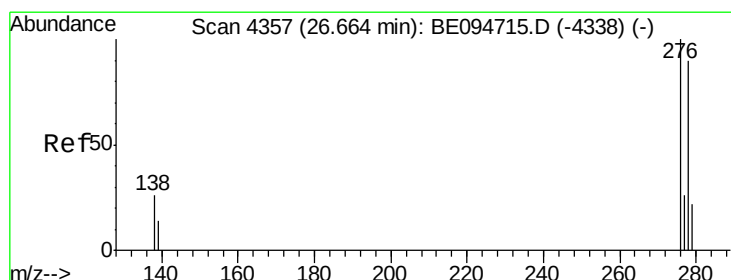
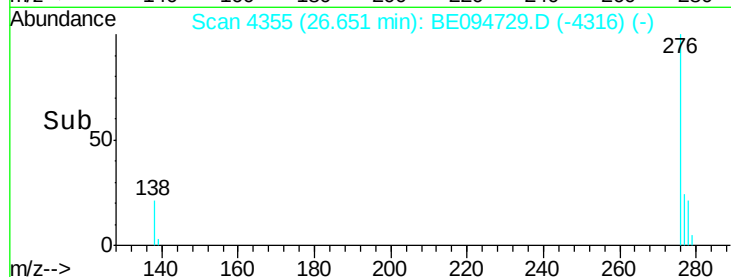
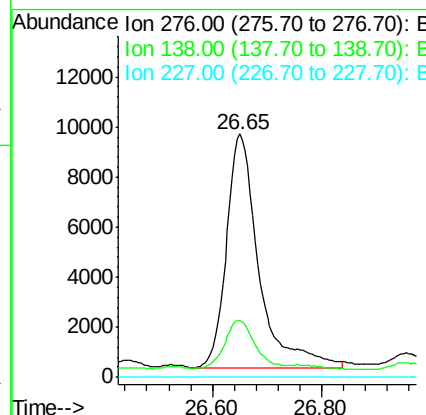
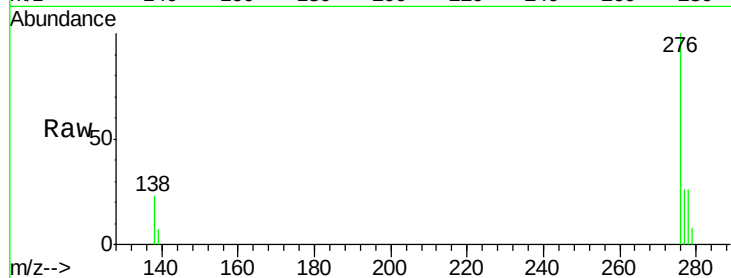
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.021 ng/ul
 RT: 26.65 min Scan# 4355
 Delta R.T. -0.02 min
 Lab File: BE094729.D
 Acq: 4 Nov 2017 4:01

Instrument :
 BNA_E
 ClientSampleId :
 B-31(1-2)-101817

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

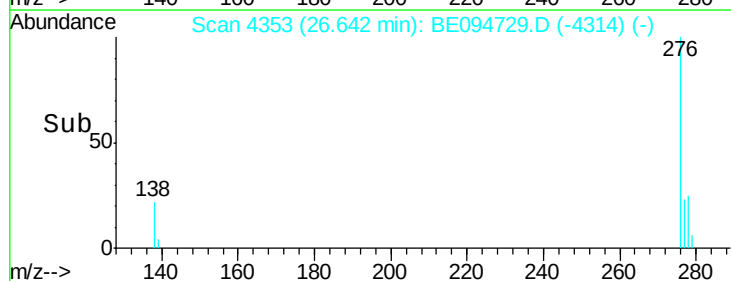
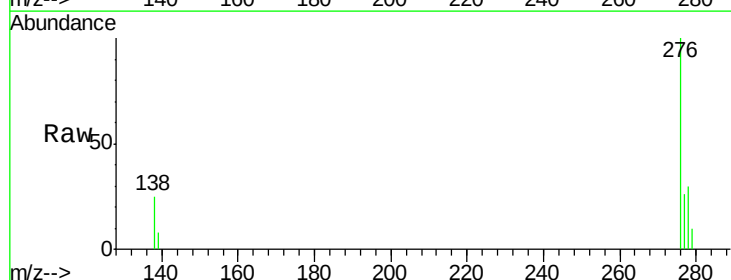
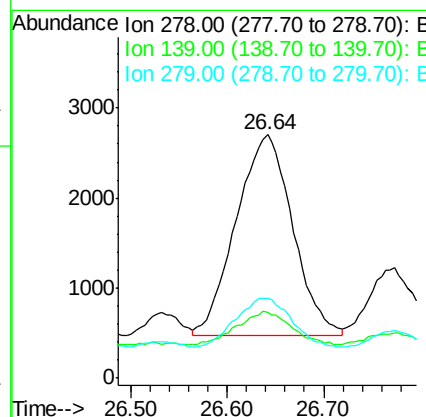
Manual Integrations
 APPROVED

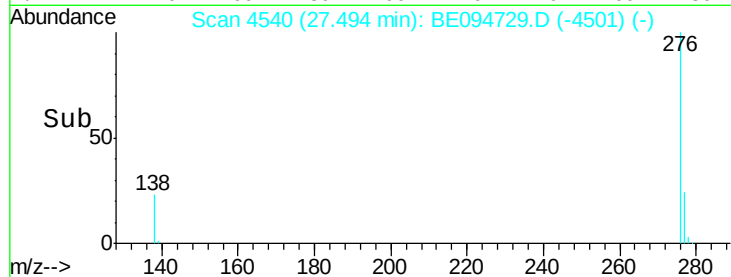
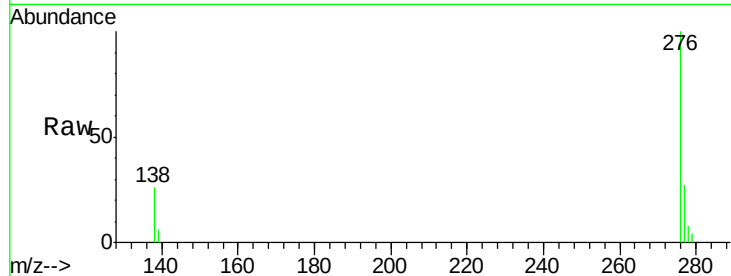
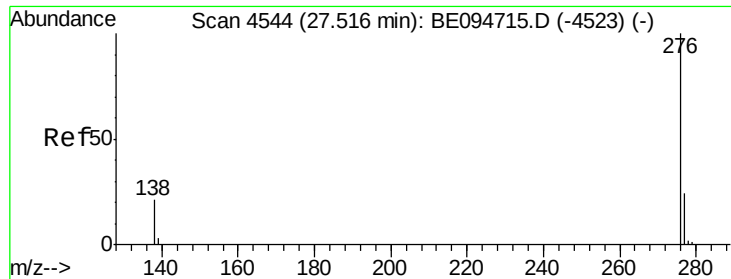
Sohil
 11/4/2017 2:17:03 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.288 ng/ul
 RT: 26.64 min Scan# 4353
 Delta R.T. -0.02 min
 Lab File: BE094729.D
 Acq: 4 Nov 2017 4:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	26.9	17.4	26.0#
279	33.0	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 0.987 ng/ul

RT: 27.49 min Scan# 4540

Delta R.T. -0.02 min

Lab File: BE094729.D

Acq: 4 Nov 2017 4:01

Instrument :

BNA_E

ClientSampleId :

B-31(1-2)-101817

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.8
277	27.2	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/4/2017 2:17:03 PM

