

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094303.D
 Acq On : 12 Oct 2017 5:42
 Operator : SJ/JU
 Sample : I5550-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Manual Integrations
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Sohil
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Quant Time: Oct 12 09:35:39 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1703	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8319	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5144	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9831	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9703	0.40	ng/ul	0.01
20) Perylene-d12	24.00	264	14221	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2949	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	6700	0.20	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.75	128	62885	3.086	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	19375	1.466	ng/ul	97
7) Acenaphthylene	14.26	152	12800	0.638	ng/ul	96
8) Acenaphthene	14.59	153	53317	3.229	ng/ul	96
9) Fluorene	15.58	166	49259	2.548	ng/ul	95
12) Phenanthrene	17.31	178	681793	26.539	ng/ul#	91
13) Anthracene	17.39	178	148159	5.930	ng/ul#	92
15) Fluoranthene	19.33	202	1193156	35.346	ng/ul	84
17) Pyrene	19.69	202	1057005	39.153	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	526957	20.472	ng/ul#	87
19) Chrysene	21.48	228	630634	21.215	ng/ul	97
21) Benzo(b)fluoranthene	23.22	252	771691m	19.976	ng/ul	
22) Benzo(k)fluoranthene	23.26	252	269221m	6.029	ng/ul	
23) Benzo(a)pyrene	23.89	252	476228	11.863	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.73	276	274413	6.682	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.73	278	60458	1.755	ng/ul#	70
26) Benzo(a,h,i)perylene	27.59	276	209671	5.919	ng/ul	93

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

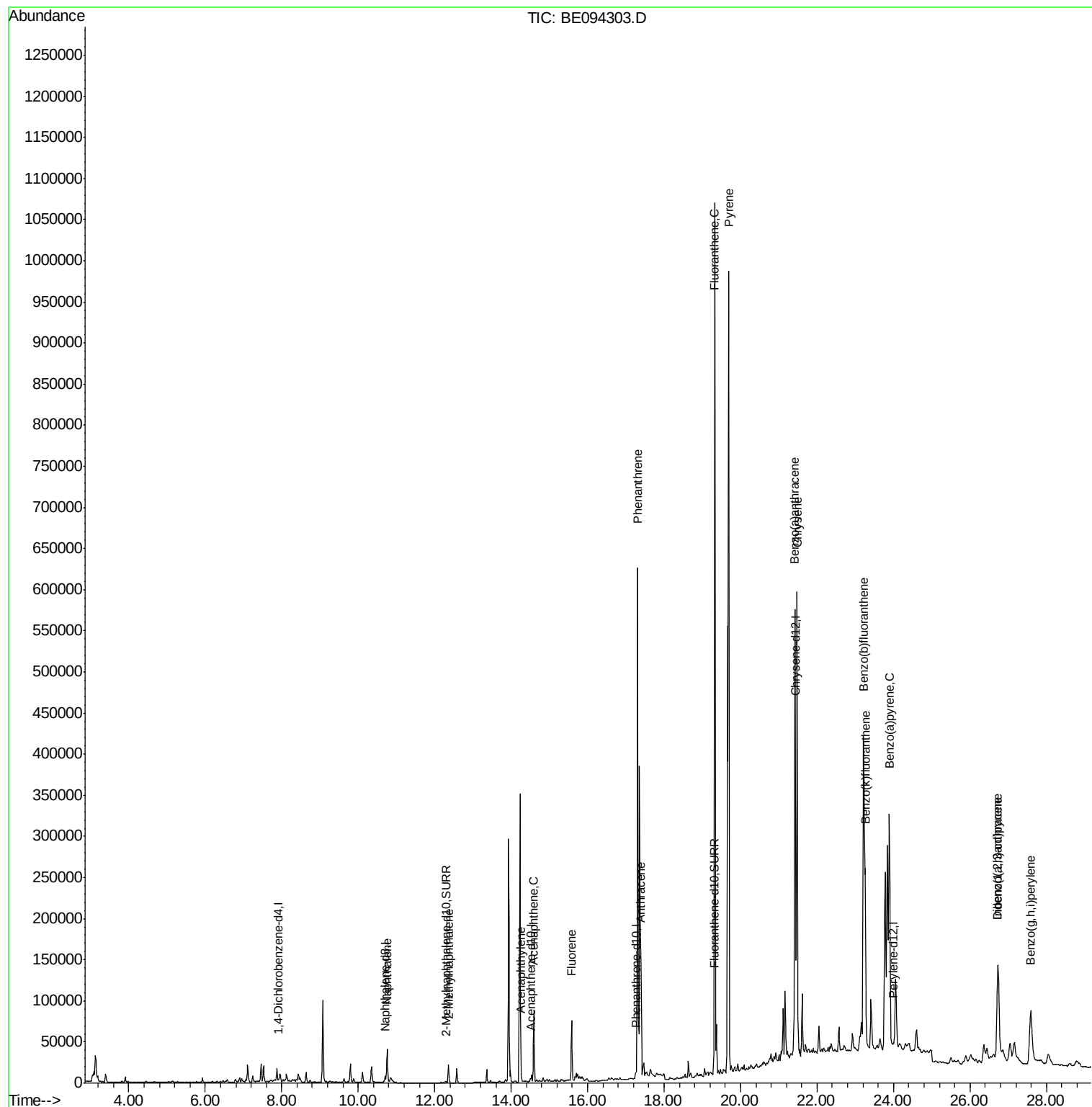
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094303.D
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Sample : I5550-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

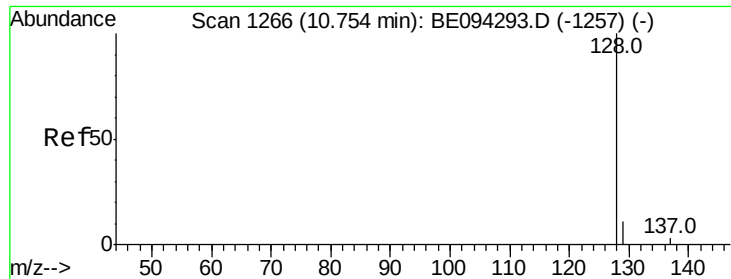
Instrument :
BNA_E
ClientSampleId :
C0AF0

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QLast Update : Thu Oct 12 08:55:52 2017
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#3

Naphthalene

Concen: 3.086 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE094303.D

Acq: 12 Oct 2017 5:42

Instrument :

BNA_E

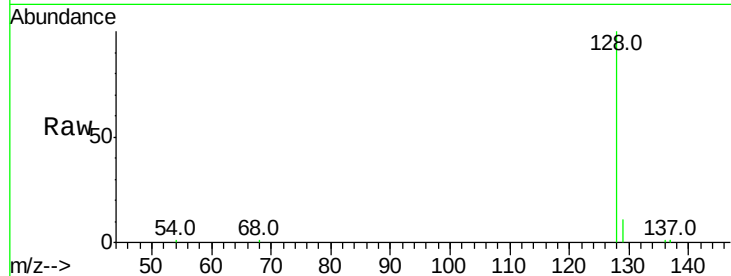
ClientSampleId :

C0AF0

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0

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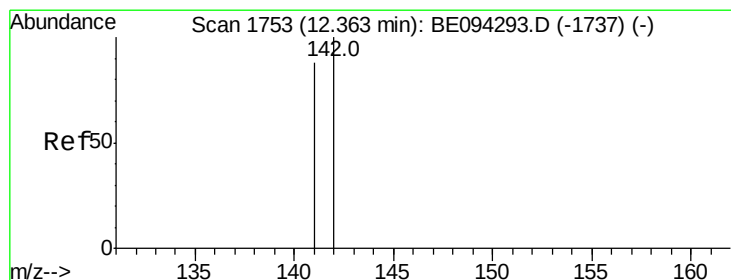
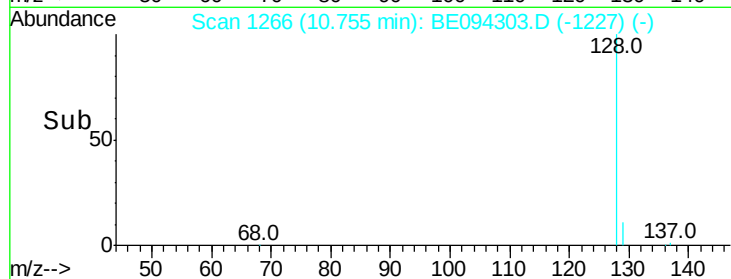
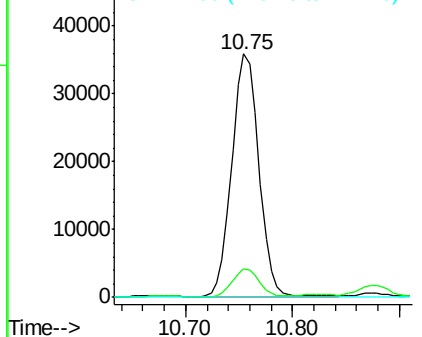
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.466 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. -0.00 min

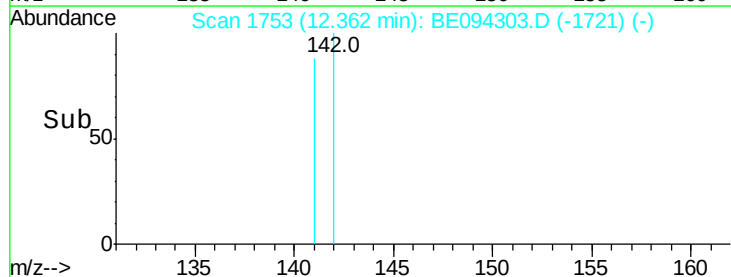
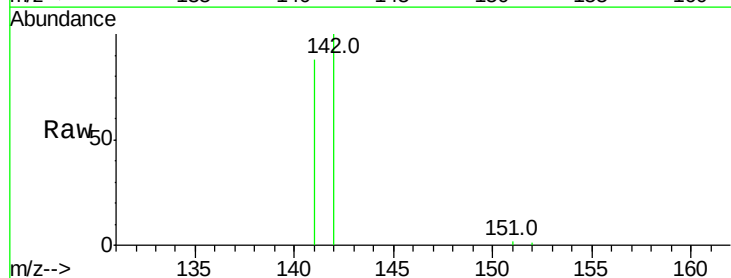
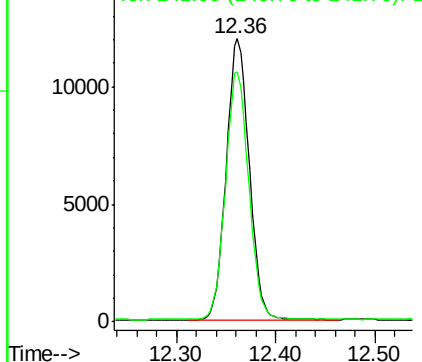
Lab File: BE094303.D

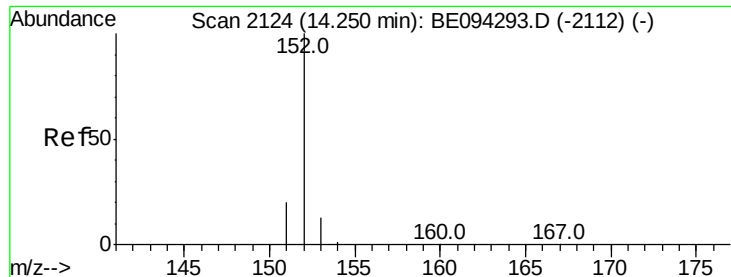
Acq: 12 Oct 2017 5:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	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: 0.638 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BE094303.D

Acq: 12 Oct 2017 5:42

Instrument :

BNA_E

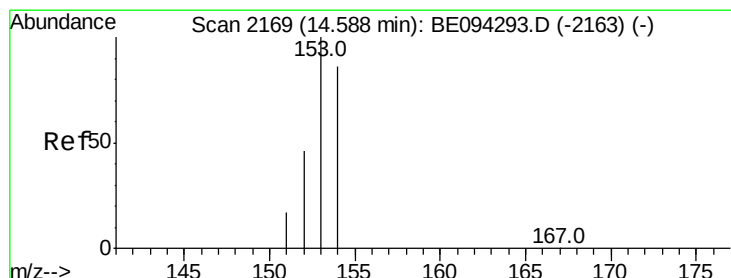
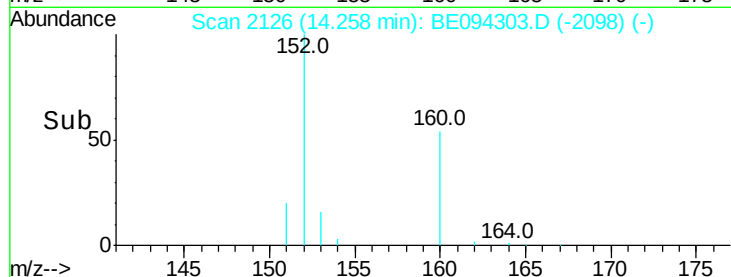
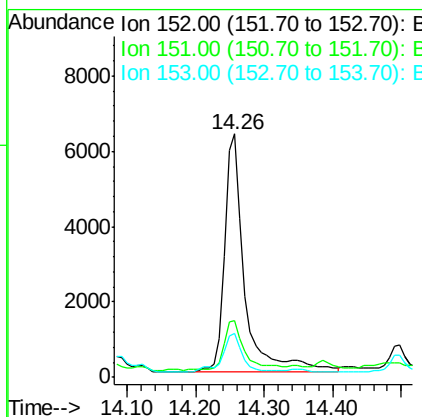
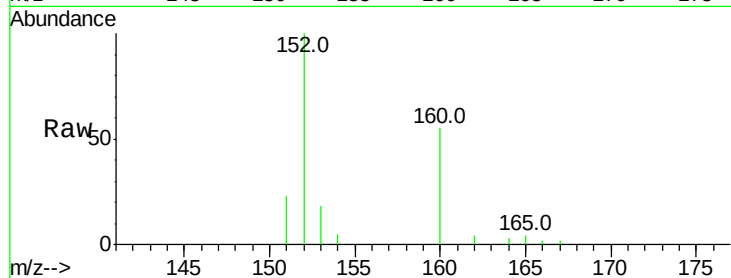
ClientSampled :

C0AF0

Tot Ion:	152	Resp:	12800
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.1	25.7
153	18.0	12.8	19.2

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#8

Acenaphthene

Concen: 3.229 ng/ul

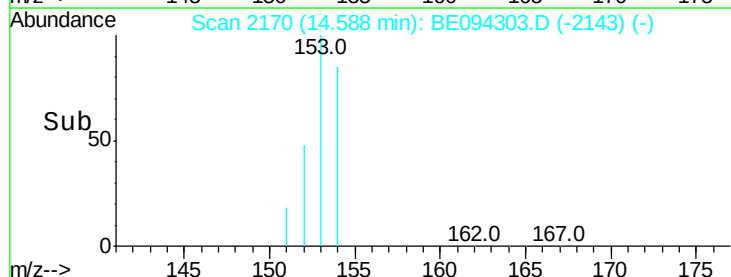
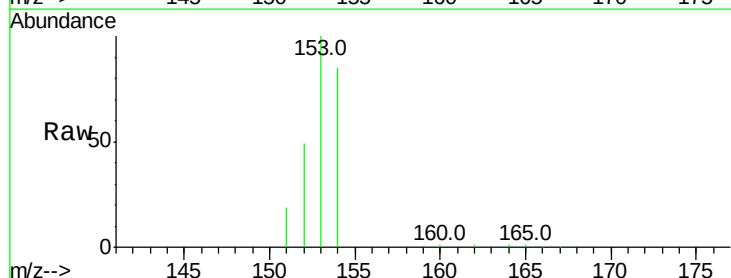
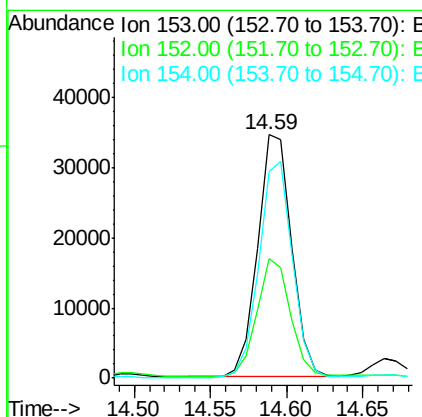
RT: 14.59 min Scan# 2170

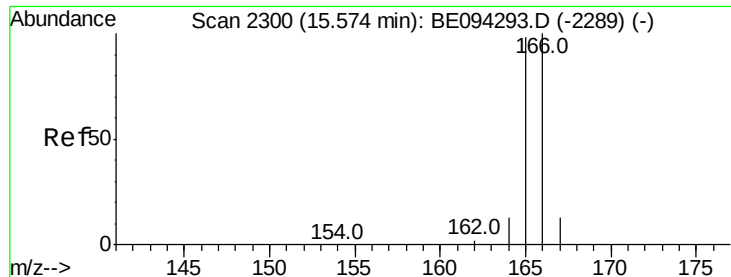
Delta R.T. 0.00 min

Lab File: BE094303.D

Acq: 12 Oct 2017 5:42

Tgt Ion:	153	Resp:	53317
Ion Ratio	Lower	Upper	
153	100		
152	48.9	40.3	60.5
154	85.1	71.4	107.2





#9

Fluorene

Concen: 2.548 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BE094303.D

Acq: 12 Oct 2017 5:42

Instrument :

BNA_E

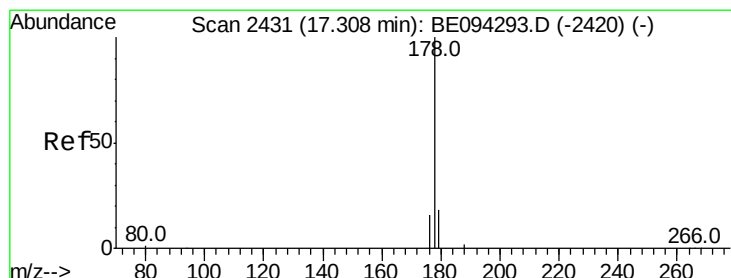
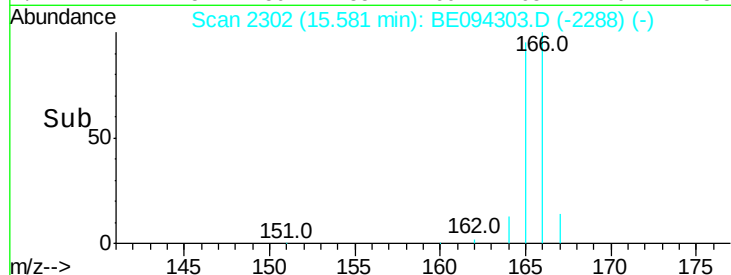
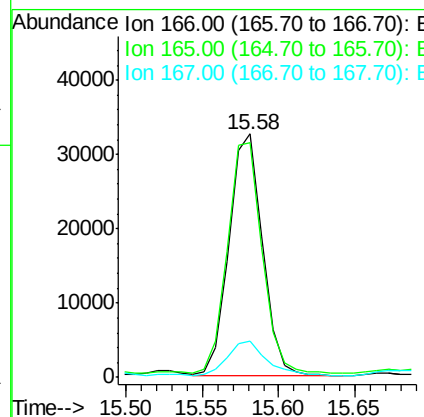
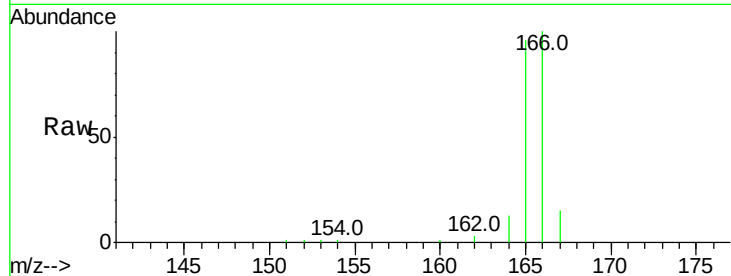
ClientSampled :

C0AF0

Tot Ion:	166	Resp:	49259
Ion Ratio	Lower	Upper	
166	100		
165	96.2	73.4	110.2
167	14.7	14.6	22.0

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#12

Phenanthrene

Concen: 26.539 ng/ul

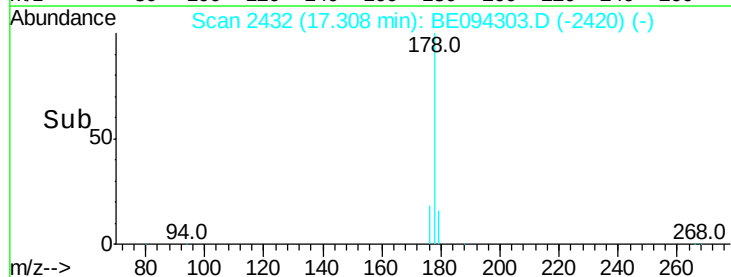
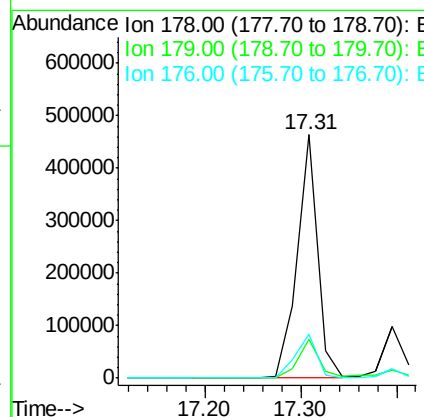
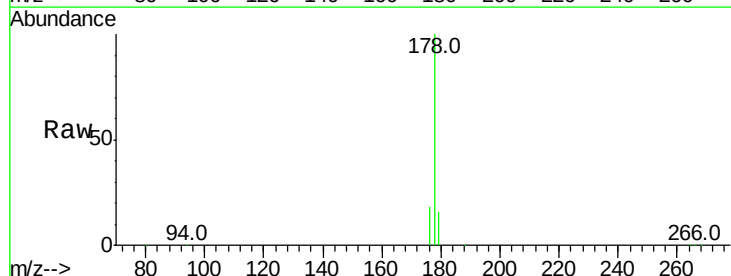
RT: 17.31 min Scan# 2432

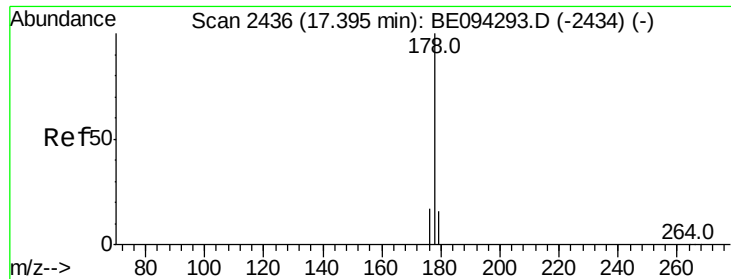
Delta R.T. -0.00 min

Lab File: BE094303.D

Acq: 12 Oct 2017 5:42

Tgt Ion:	178	Resp:	681793
Ion Ratio	Lower	Upper	
178	100		
179	16.2	18.4	27.6#
176	18.2	13.6	20.4





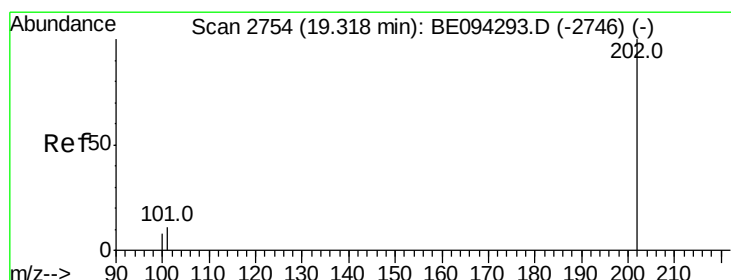
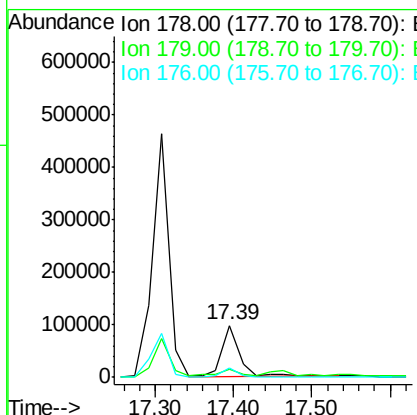
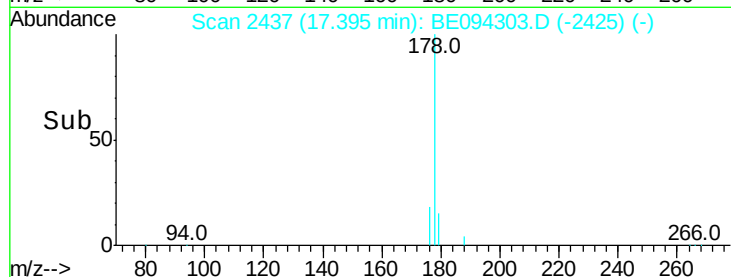
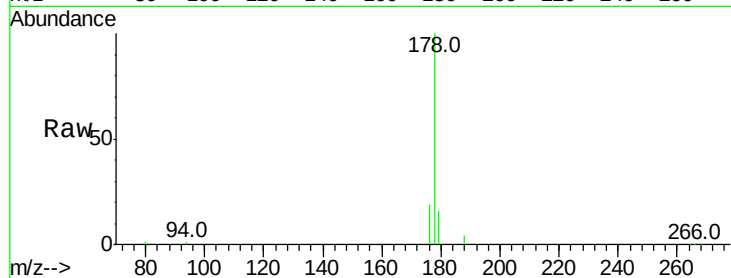
#13
 Anthracene
 Concen: 5.930 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BE094303.D
 Acq: 12 Oct 2017 5:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.1	27.1#
176	18.8	14.7	22.1

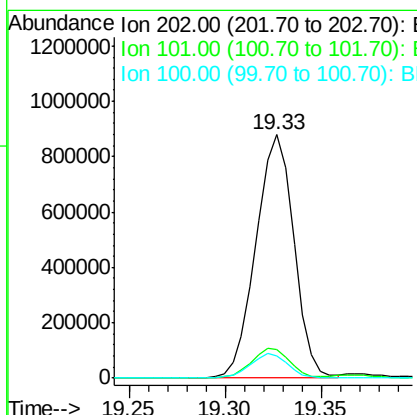
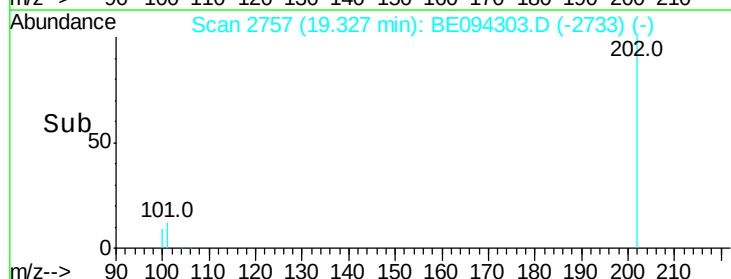
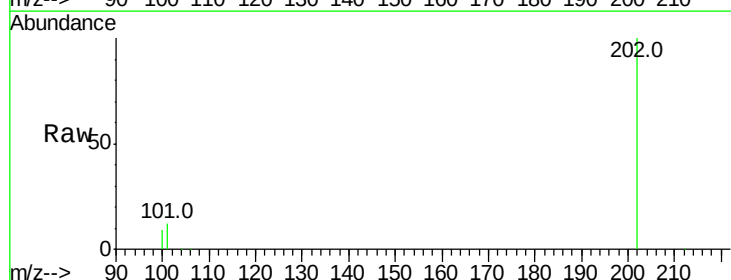
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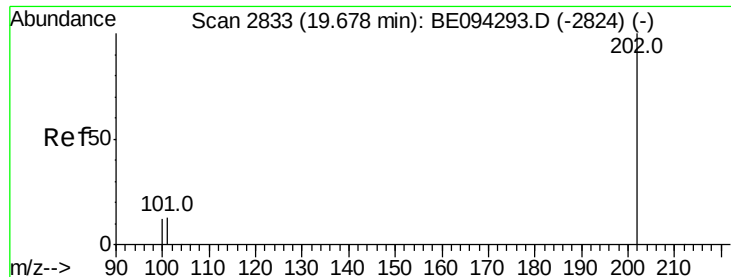
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#15
 Fluoranthene
 Concen: 35.346 ng/ul
 RT: 19.33 min Scan# 2757
 Delta R.T. 0.01 min
 Lab File: BE094303.D
 Acq: 12 Oct 2017 5:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.3	0.0	39.5





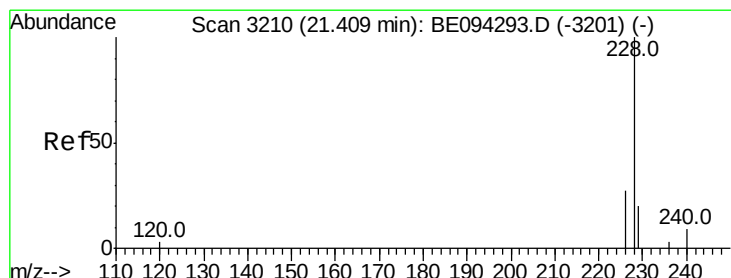
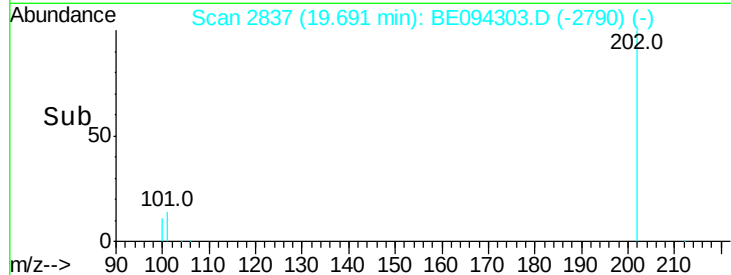
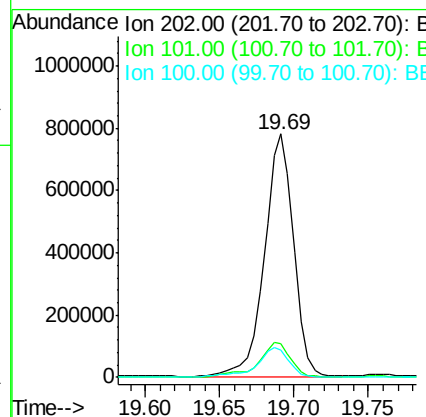
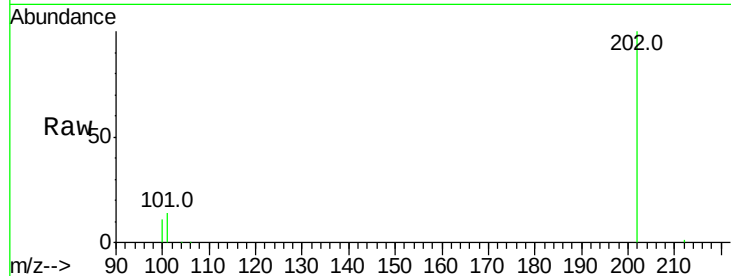
#17
Pvrene
Concen: 39.153 ng/ul
RT: 19.69 min Scan# 2837
Delta R.T. 0.01 min
Lab File: BE094303.D
Acq: 12 Oct 2017 5:42

Instrument :
BNA_E
ClientSampleId :
C0AF0

Tot Ion:202 Resp: 1057005
Ion Ratio Lower Upper
202 100
101 13.7 18.2 27.4#
100 11.4 15.6 23.4#

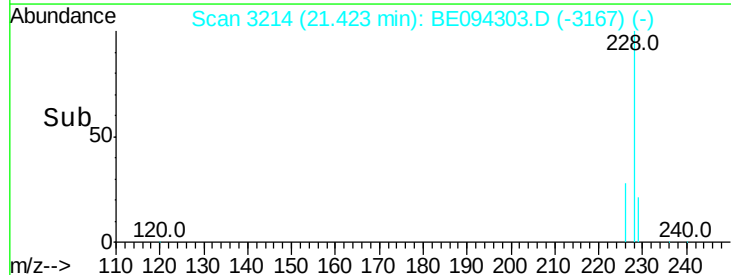
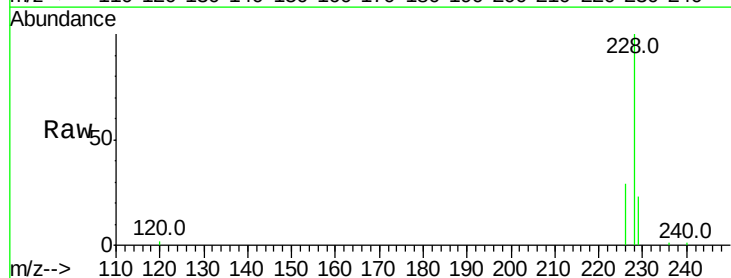
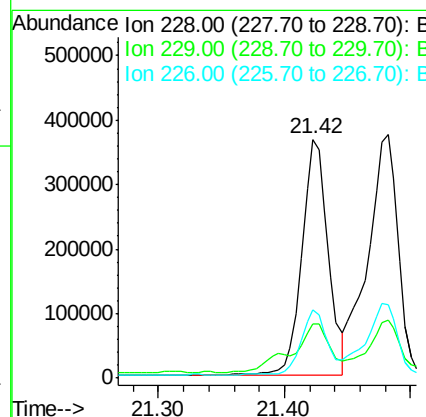
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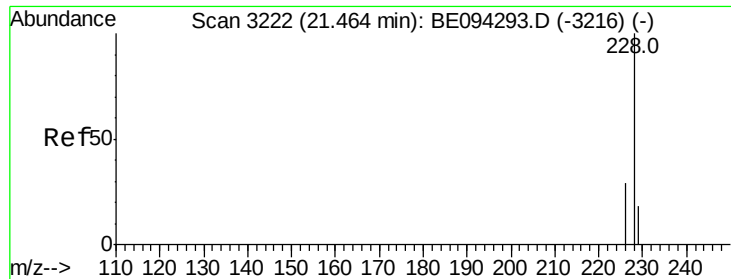
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#18
Benzo(a)anthracene
Concen: 20.472 ng/ul
RT: 21.42 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BE094303.D
Acq: 12 Oct 2017 5:42

Tgt Ion:228 Resp: 526957
Ion Ratio Lower Upper
228 100
229 22.9 22.8 34.2
226 28.7 17.0 25.6#





#19

Chrysene

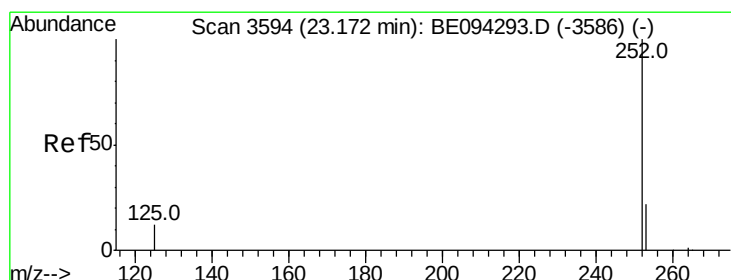
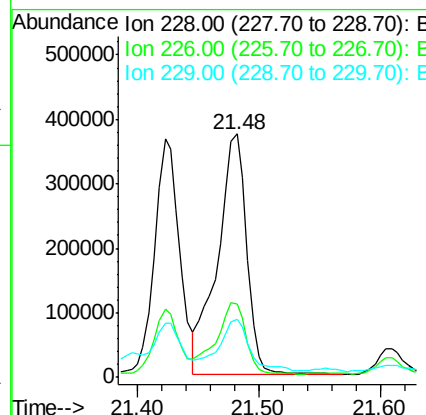
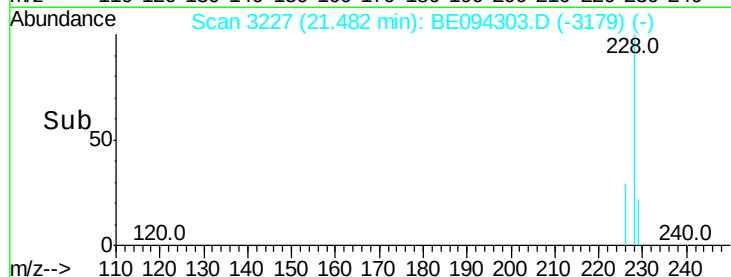
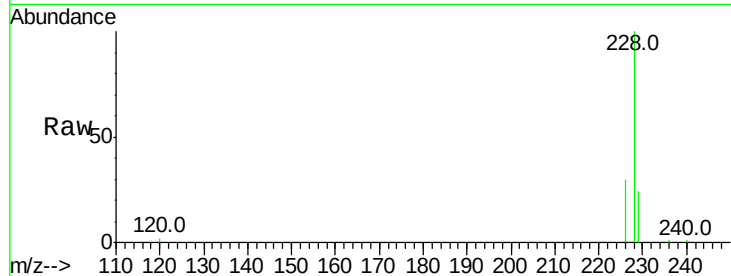
Concen: 21.215 ng/ul
 RT: 21.48 min Scan# 3227
 Delta R.T. 0.02 min
 Lab File: BE094303.D
 Acq: 12 Oct 2017 5:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	23.9	17.7	26.5

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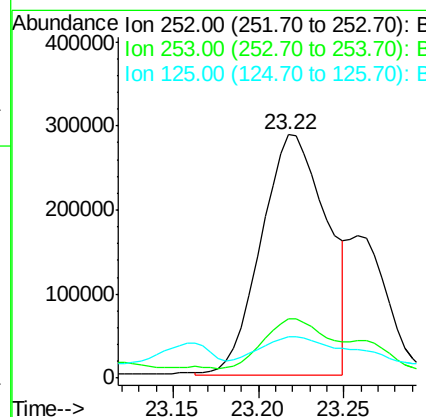
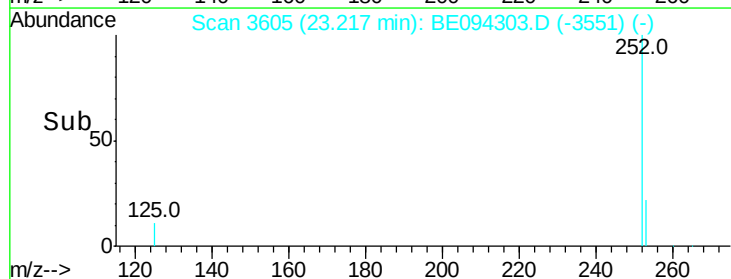
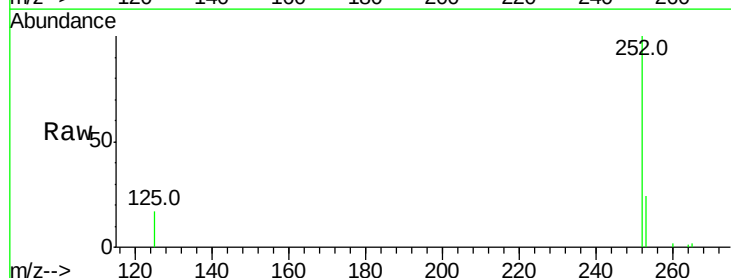


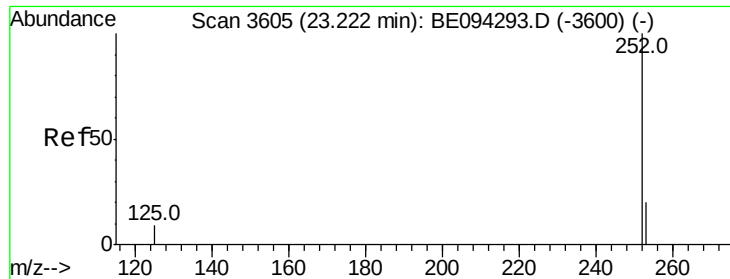
#21

Benzo(b)fluoranthene

Concen: 19.976 ng/ul m
 RT: 23.22 min Scan# 3605
 Delta R.T. 0.05 min
 Lab File: BE094303.D
 Acq: 12 Oct 2017 5:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	64.2
125	16.9	0.0	35.0





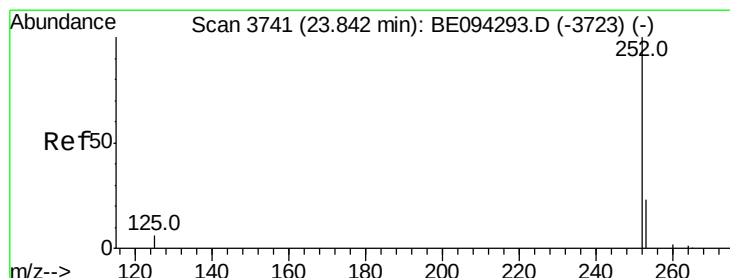
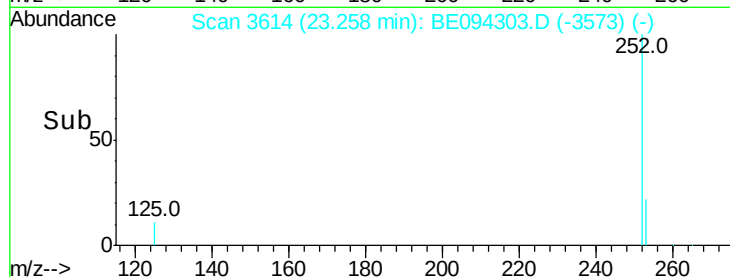
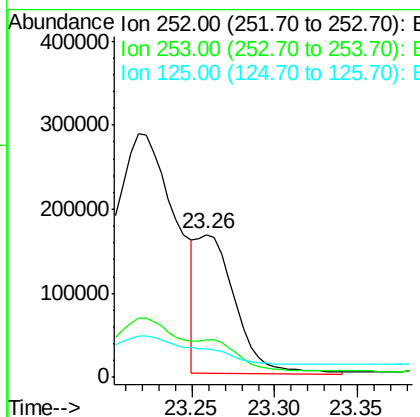
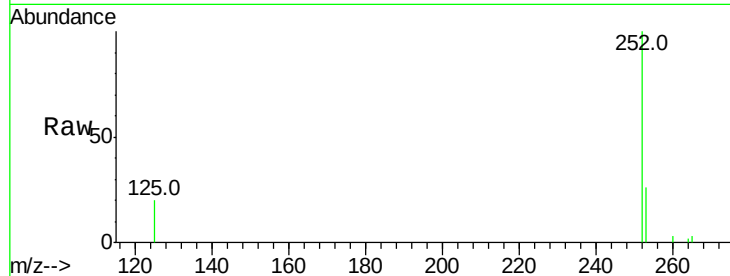
#22
Benzo(k)fluoranthene
Concen: 6.029 ng/ul m
RT: 23.26 min Scan# 3614
Delta R.T. 0.04 min
Lab File: BE094303.D
Acq: 12 Oct 2017 5:42

Instrument :
BNA_E
ClientSampleId :
C0AF0

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.2	24.5	36.7
125	20.0	13.7	20.5

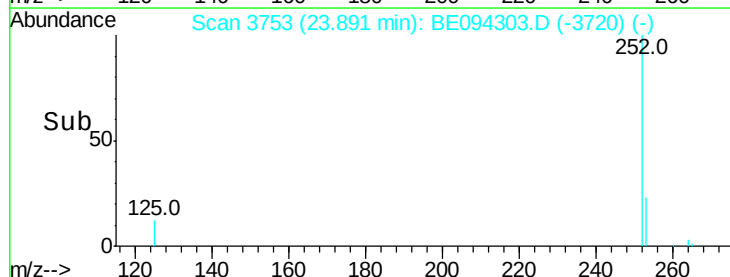
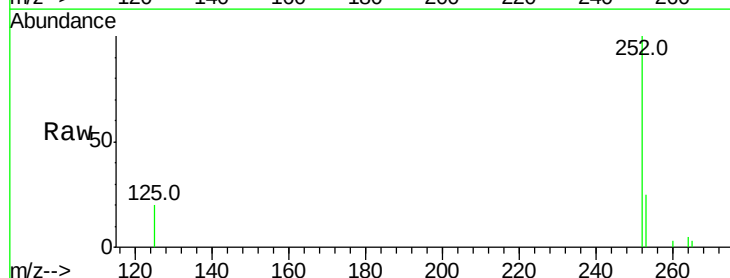
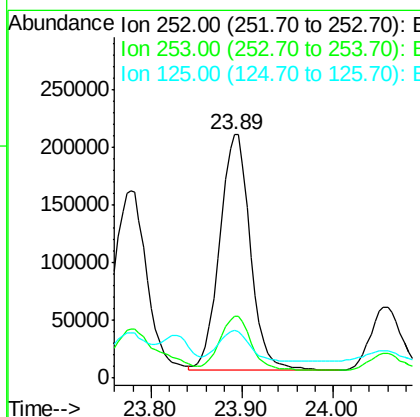
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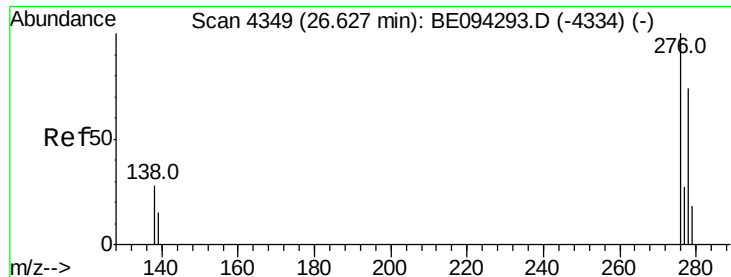
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#23
Benzo(a)pyrene
Concen: 11.863 ng/ul
RT: 23.89 min Scan# 3753
Delta R.T. 0.05 min
Lab File: BE094303.D
Acq: 12 Oct 2017 5:42

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.2	28.5	42.7#
125	19.5	18.1	27.1





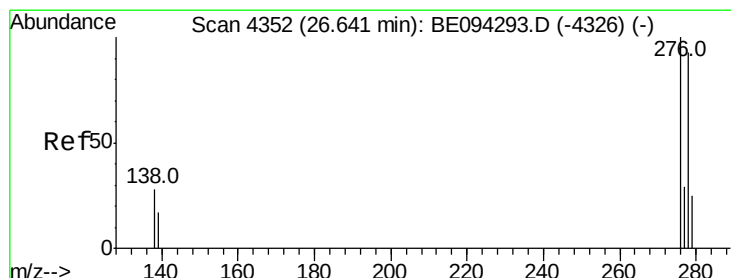
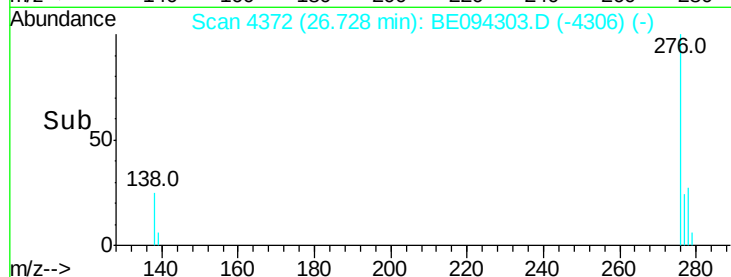
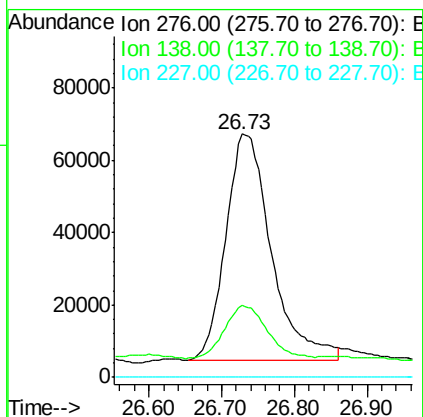
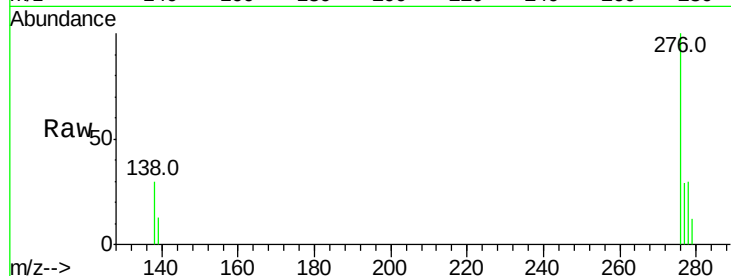
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.682 ng/ul
 RT: 26.73 min Scan# 4372
 Delta R.T. 0.10 min
 Lab File: BE094303.D
 Acq: 12 Oct 2017 5:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AF0

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	28.0	42.0#
227	0.0	8.0	12.0#

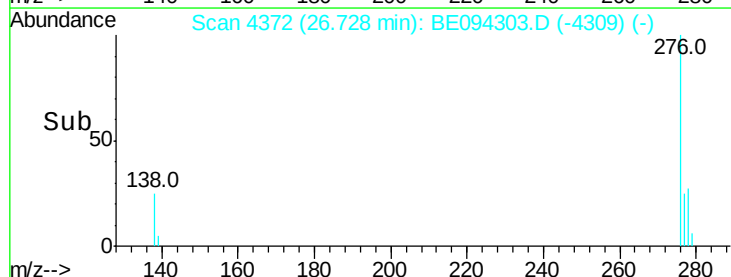
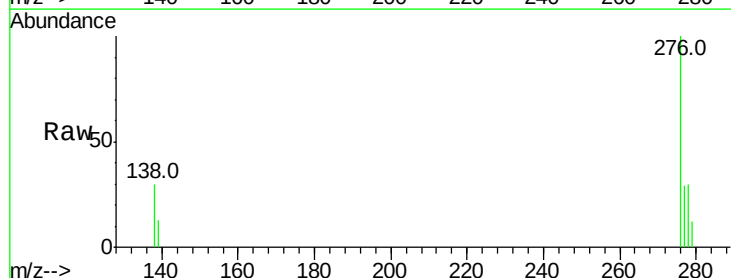
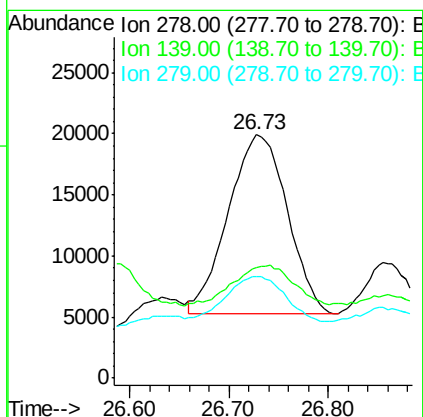
Manual Integrations
 APPROVED

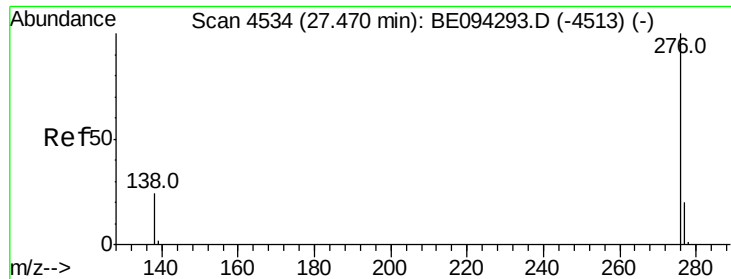
Sohil
 10/13/2017 12:06:10 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.755 ng/ul
 RT: 26.73 min Scan# 4372
 Delta R.T. 0.09 min
 Lab File: BE094303.D
 Acq: 12 Oct 2017 5:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.6	17.4	26.0#
279	41.9	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 5.919 ng/ul

RT: 27.59 min Scan# 4561

Delta R.T. 0.12 min

Lab File: BE094303.D

Acq: 12 Oct 2017 5:42

Instrument :

BNA_E

ClientSampleId :

C0AF0

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.2	21.8	32.8
277	30.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/13/2017 12:06:10 PM

