

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094270.D
 Acq On : 11 Oct 2017 2:52
 Operator : SJ/JU
 Sample : I5533-02DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-56(2-4)-092717DL

Manual Integrations
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 10/11/2017 7:20:28 PM

Quant Time: Oct 11 08:18:32 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 07:23:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2413	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12178	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6713	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	14412	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	14483	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	15028	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1649	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	4131	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	1404	0.047	ng/ul#	89
5) 2-Methylnaphthalene	12.35	142	448	0.023	ng/ul	99
7) Acenaphthylene	14.24	152	921	0.035	ng/ul#	84
8) Acenaphthene	14.57	153	2665	0.124	ng/ul	99
9) Fluorene	15.56	166	2229	0.088	ng/ul	90
12) Phenanthrene	17.29	178	36335	0.965	ng/ul#	93
13) Anthracene	17.38	178	8178	0.223	ng/ul#	94
15) Fluoranthene	19.30	202	67343	1.361	ng/ul	84
17) Pyrene	19.66	202	60076	1.491	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	31710	0.825	ng/ul#	86
19) Chrysene	21.44	228	30919	0.697	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	38571m	0.945	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	13202m	0.280	ng/ul	
23) Benzo(a)pyrene	23.80	252	27988	0.660	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.57	276	17789	0.410	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.58	278	4363	0.120	ng/ul#	78
26) Benzo(a,h,i)perylene	27.39	276	16525	0.441	ng/ul	96

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

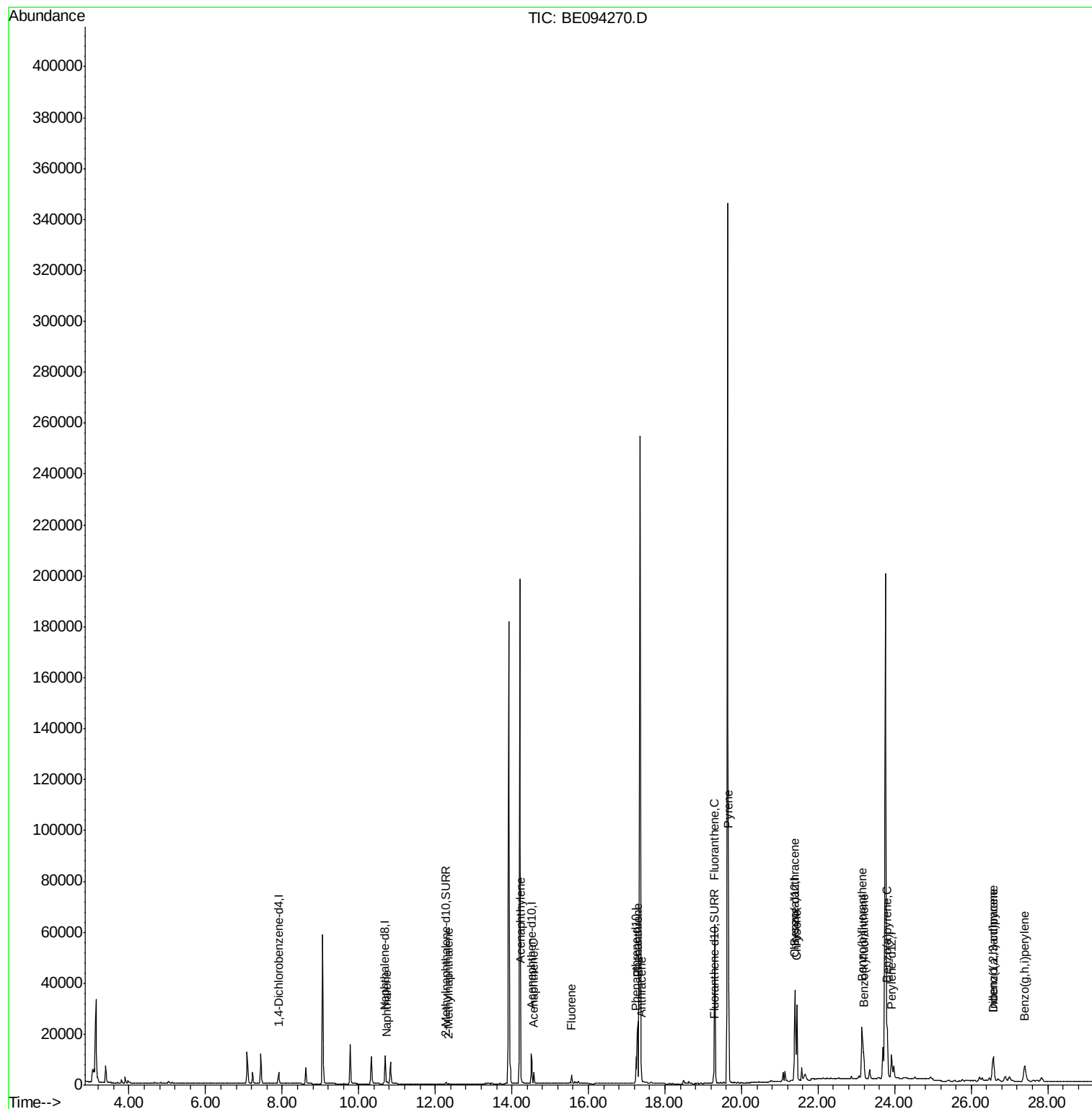
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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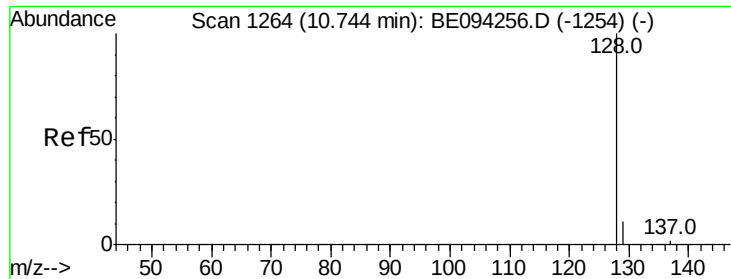
Instrument :
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#3

Naphthalene

Concen: 0.047 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE094270.D

Acq: 11 Oct 2017 2:52

Instrument :

BNA_E

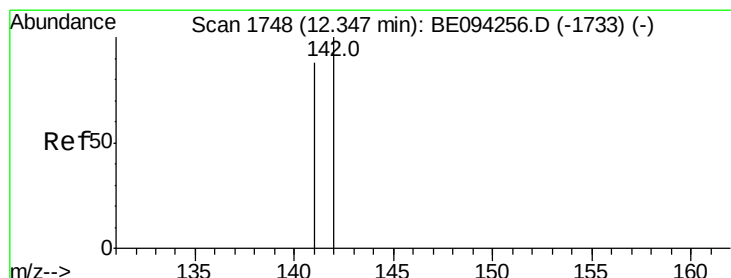
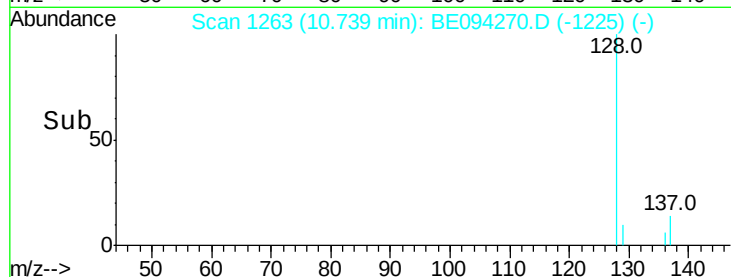
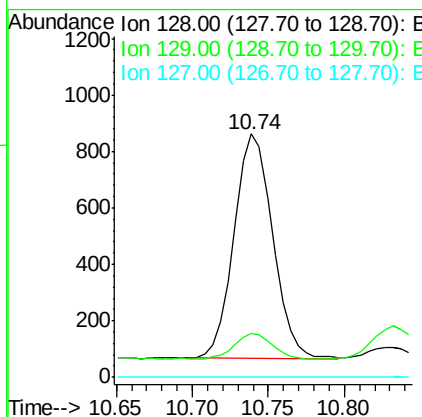
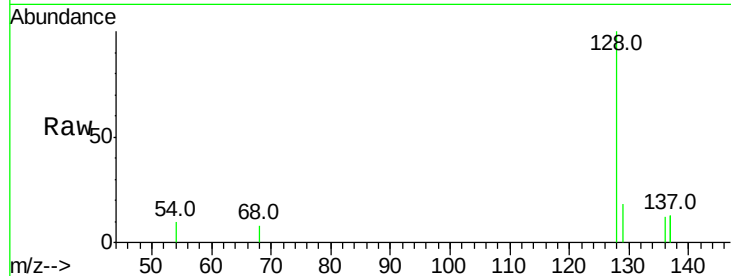
ClientSampleId :

B-56(2-4)-092717DL

Tot Ion:	128	Resp:	1404
Ion	Ratio	Lower	Upper
128	100		
129	18.0	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

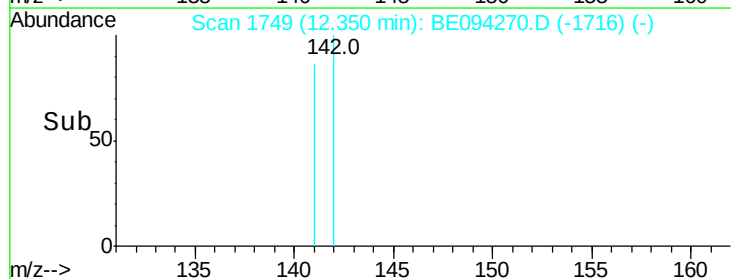
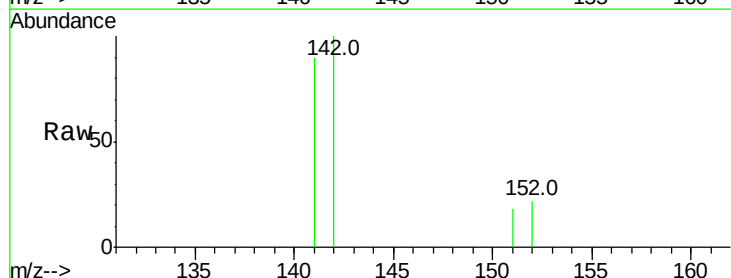
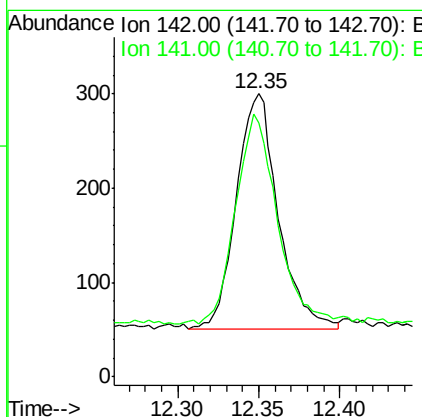
RT: 12.35 min Scan# 1749

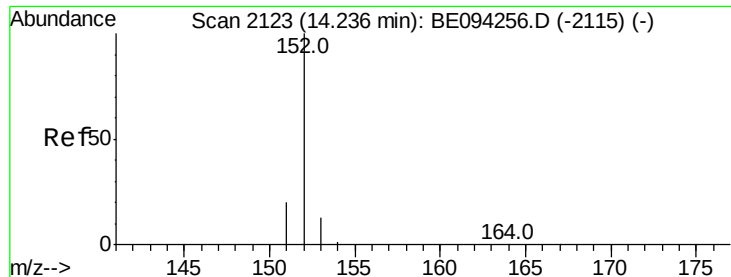
Delta R.T. 0.00 min

Lab File: BE094270.D

Acq: 11 Oct 2017 2:52

Tgt Ion:	142	Resp:	448
Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094270.D

Acq: 11 Oct 2017 2:52

Instrument :

BNA_E

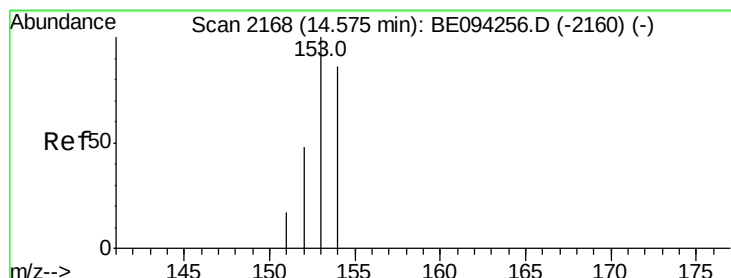
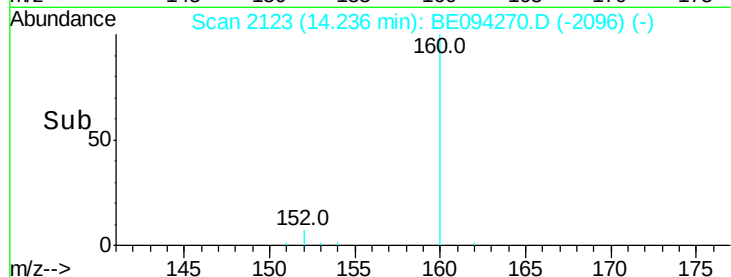
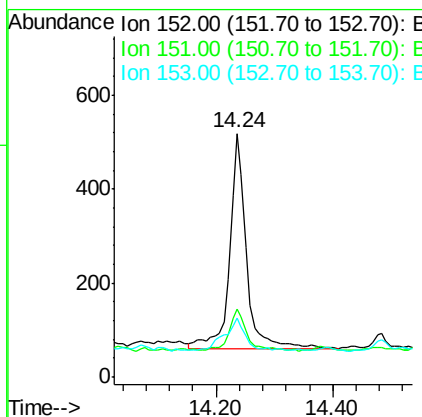
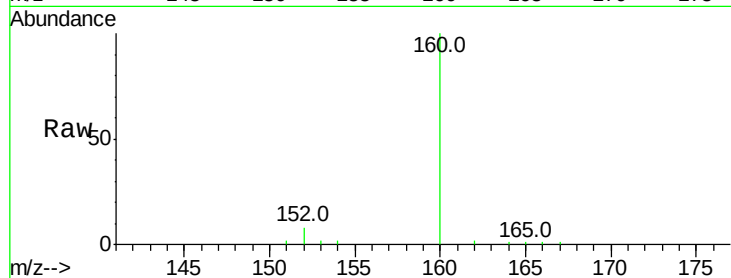
ClientSampleId :

B-56(2-4)-092717DL

Tot Ion	152	Resp:	921
Ion Ratio	Lower	Upper	
152	100		
151	28.0	17.1	25.7#
153	24.1	12.8	19.2#

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#8

Acenaphthene

Concen: 0.124 ng/ul

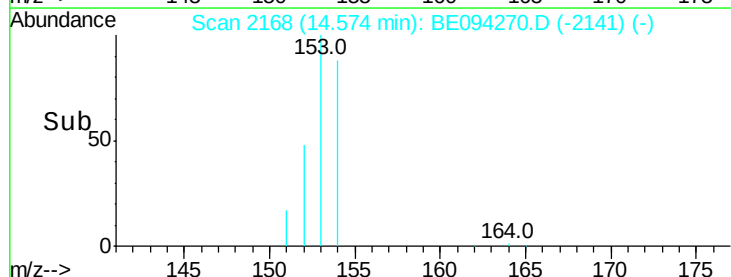
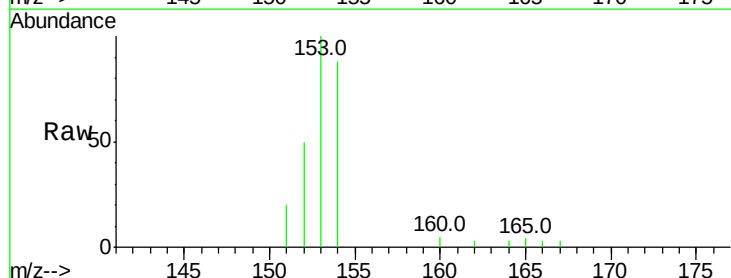
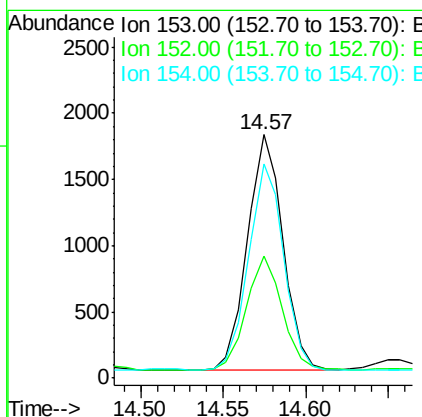
RT: 14.57 min Scan# 2168

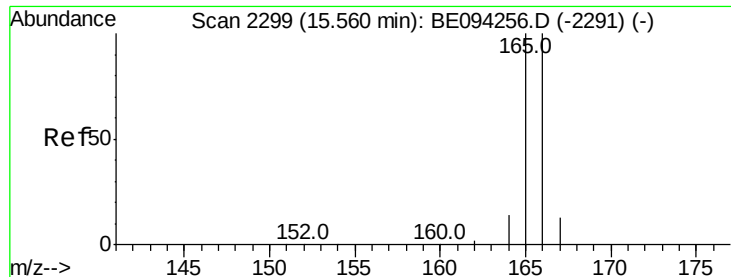
Delta R.T. -0.00 min

Lab File: BE094270.D

Acq: 11 Oct 2017 2:52

Tgt Ion	153	Resp:	2665
Ion Ratio	Lower	Upper	
153	100		
152	50.3	40.3	60.5
154	88.0	71.4	107.2





#9

Fluorene

Concen: 0.088 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE094270.D

Acq: 11 Oct 2017 2:52

Instrument :

BNA_E

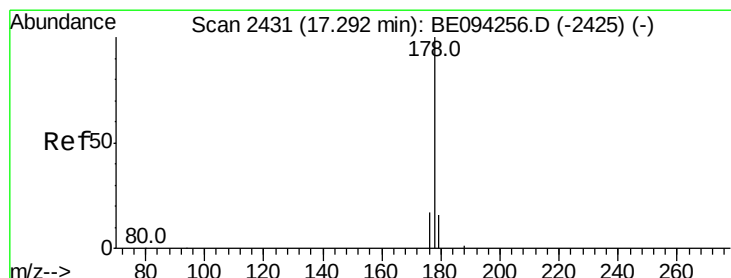
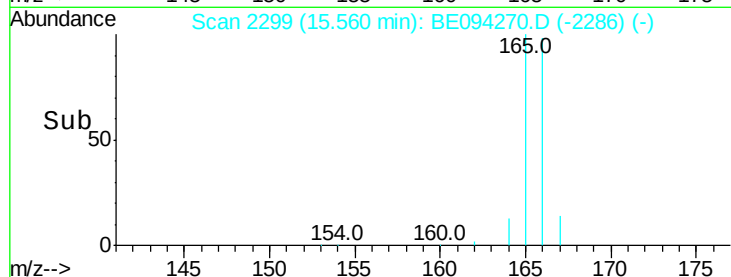
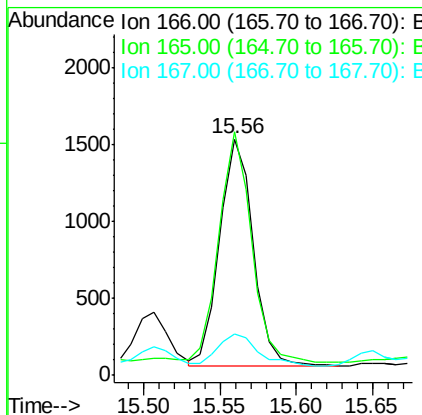
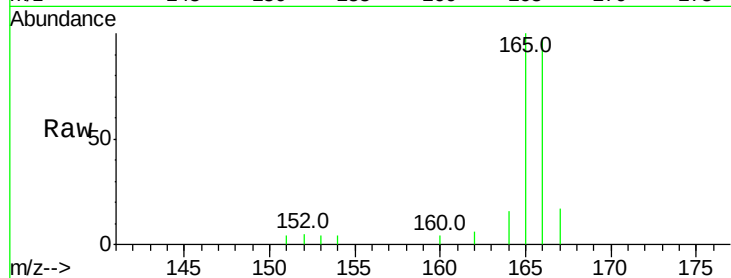
ClientSampleId :

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Tot Ion:	166	Resp:	2229
Ion Ratio	Lower	Upper	
166	100		
165	103.1	73.4	110.2
167	17.7	14.6	22.0

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#12

Phenanthrene

Concen: 0.965 ng/ul

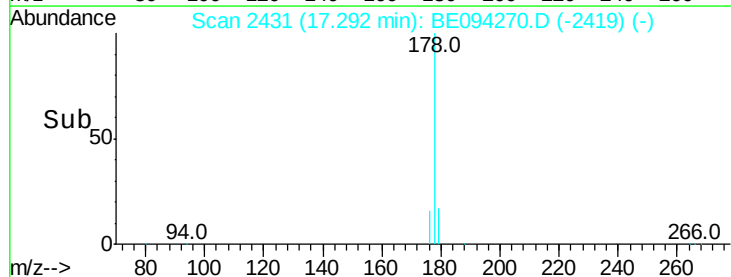
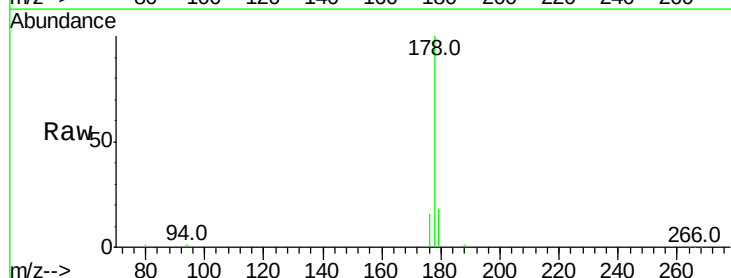
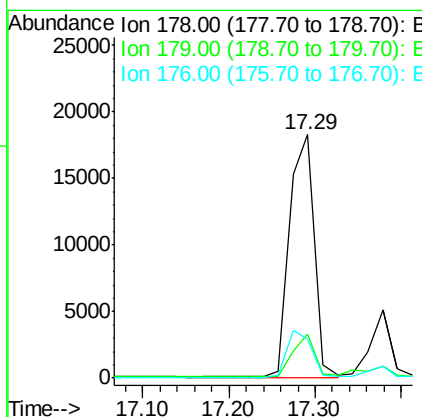
RT: 17.29 min Scan# 2431

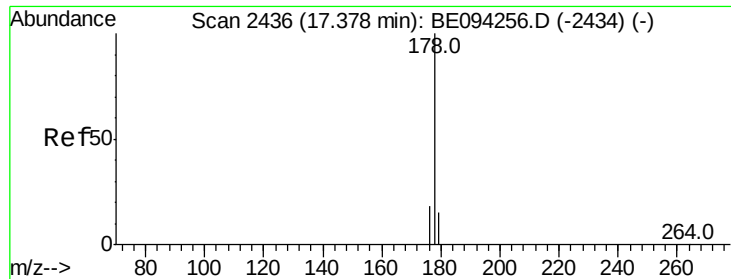
Delta R.T. -0.00 min

Lab File: BE094270.D

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Tgt Ion:	178	Resp:	36335
Ion Ratio	Lower	Upper	
178	100		
179	17.9	18.4	27.6#
176	15.9	13.6	20.4





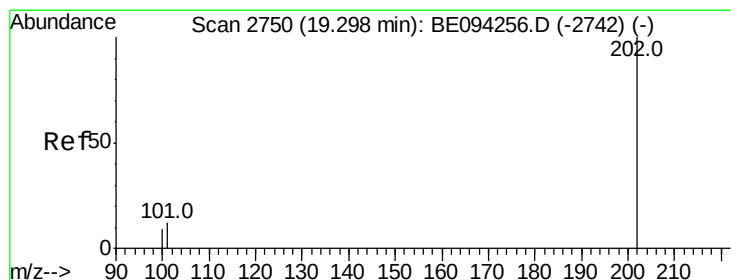
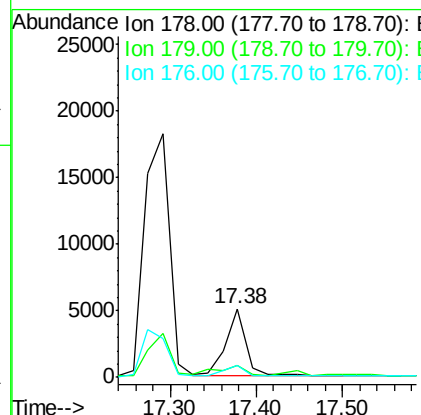
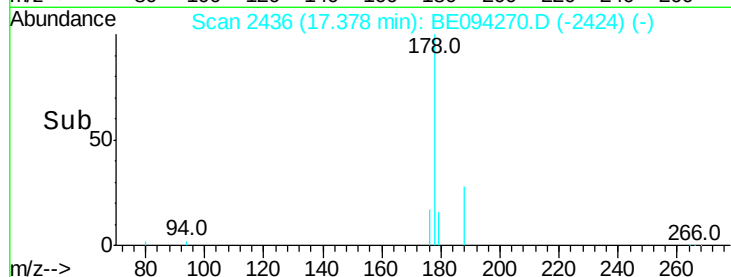
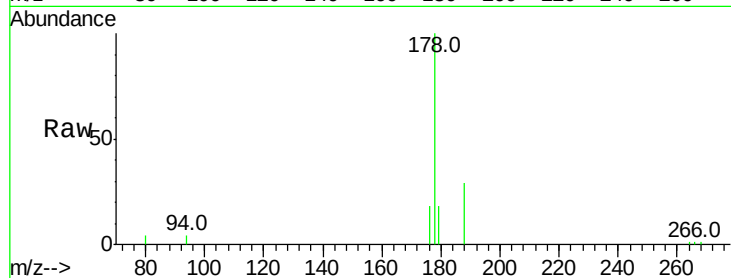
#13
 Anthracene
 Concen: 0.223 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094270.D
 Acq: 11 Oct 2017 2:52

Instrument :
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 B-56(2-4)-092717DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.1	27.1#
176	17.6	14.7	22.1

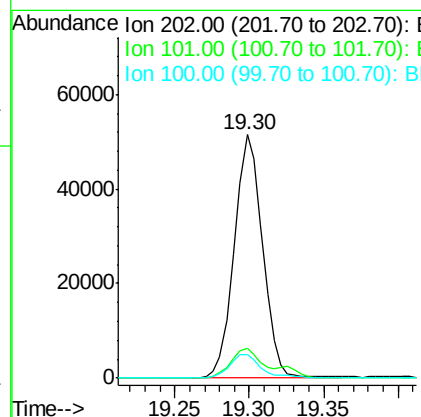
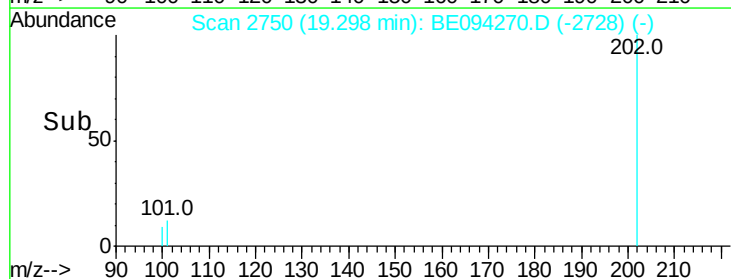
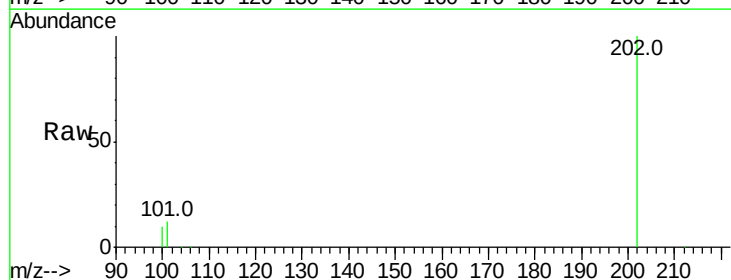
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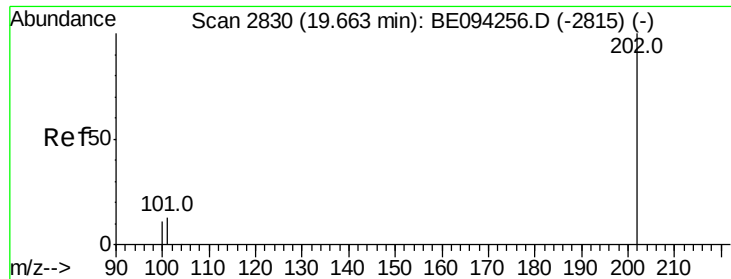
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#15
 Fluoranthene
 Concen: 1.361 ng/ul
 RT: 19.30 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BE094270.D
 Acq: 11 Oct 2017 2:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.5	0.0	39.5





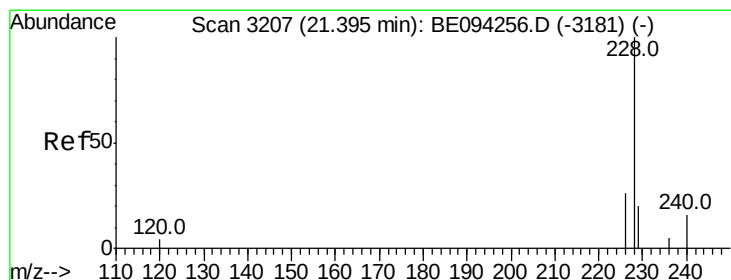
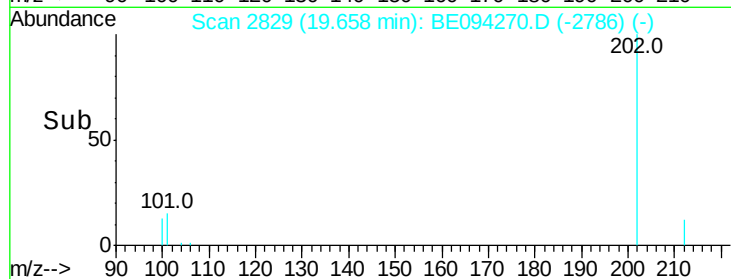
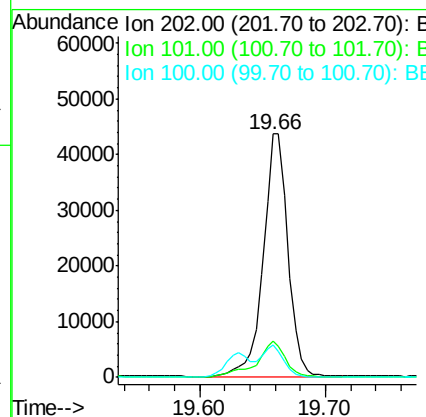
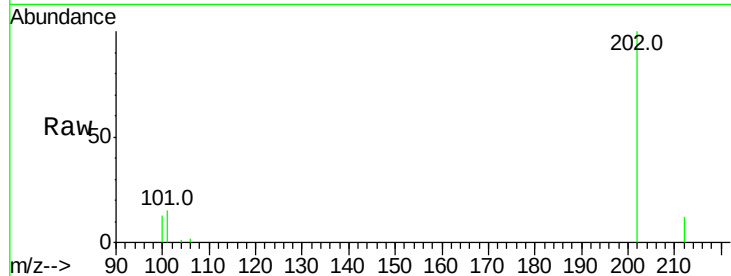
#17
Pvrene
Concen: 1.491 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BE094270.D
Acq: 11 Oct 2017 2:52

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	18.2	27.4#
100	13.2	15.6	23.4#

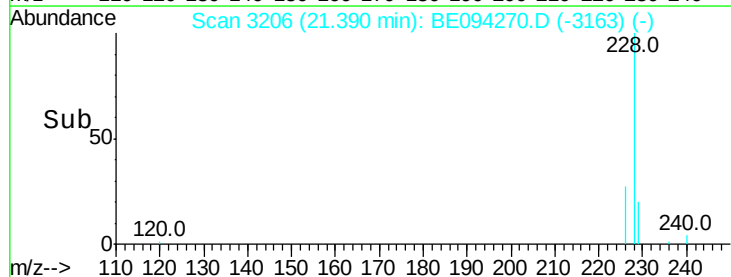
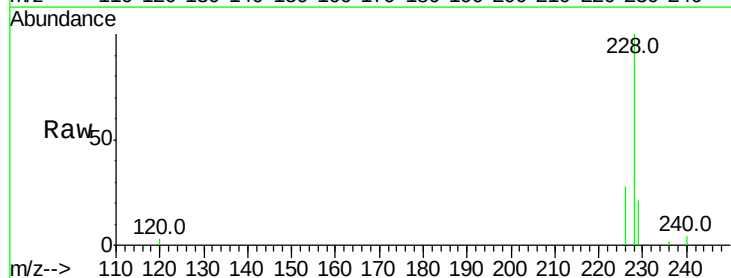
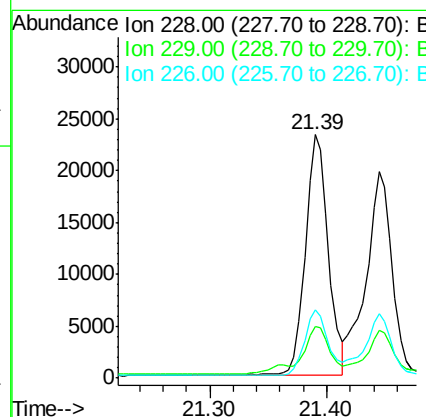
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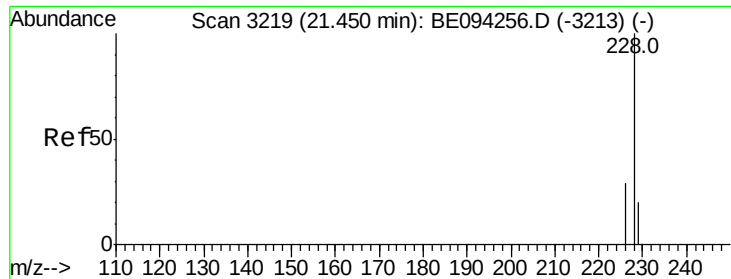
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#18
Benzo(a)anthracene
Concen: 0.825 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE094270.D
Acq: 11 Oct 2017 2:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 0.697 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE094270.D

Acq: 11 Oct 2017 2:52

Instrument :

BNA_E

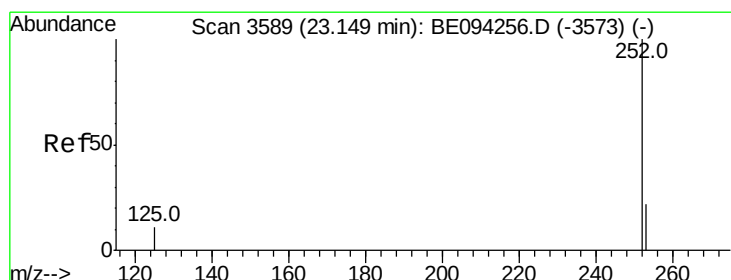
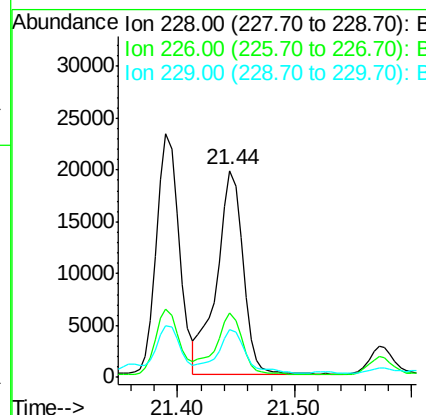
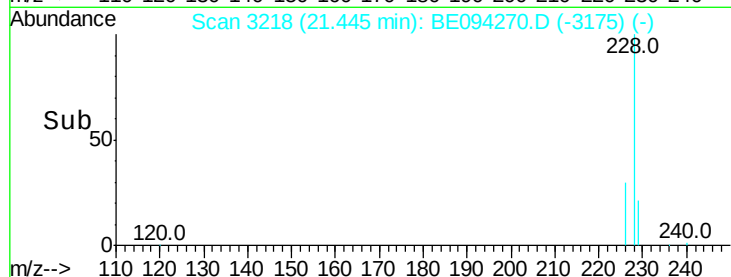
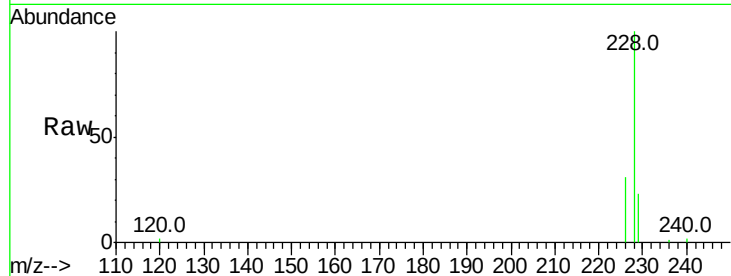
ClientSampleId :

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Tot Ion:	228	Resp:	30919
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.4	35.0
229	22.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.945 ng/ul m

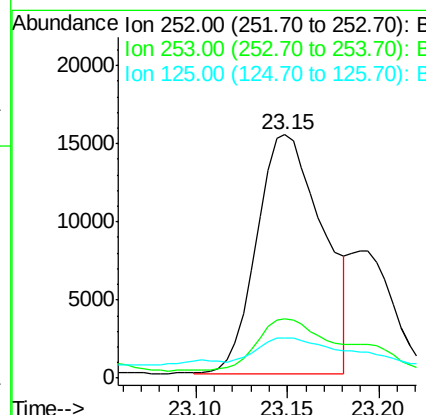
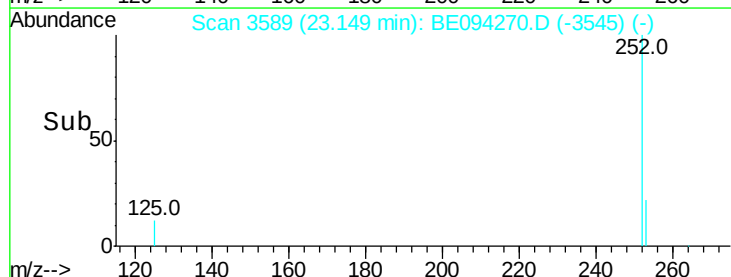
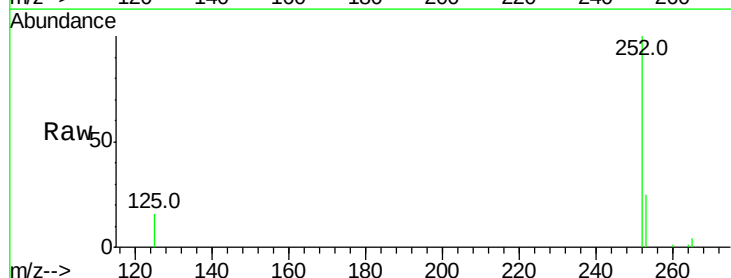
RT: 23.15 min Scan# 3589

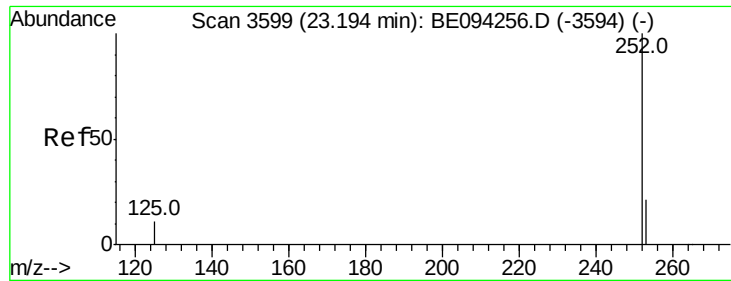
Delta R.T. -0.00 min

Lab File: BE094270.D

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Tgt Ion:	252	Resp:	38571
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	64.2
125	16.5	0.0	35.0





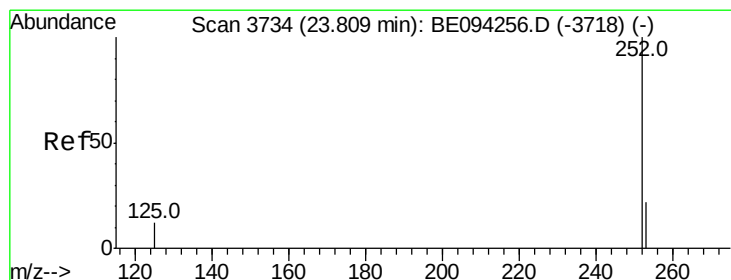
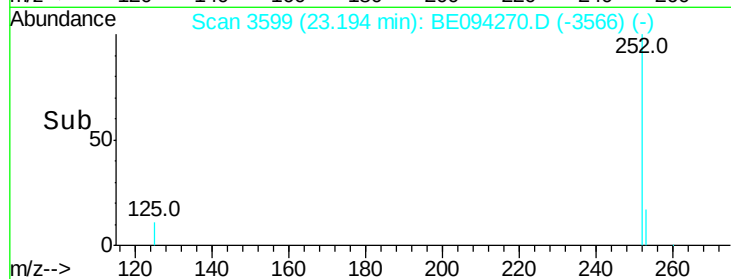
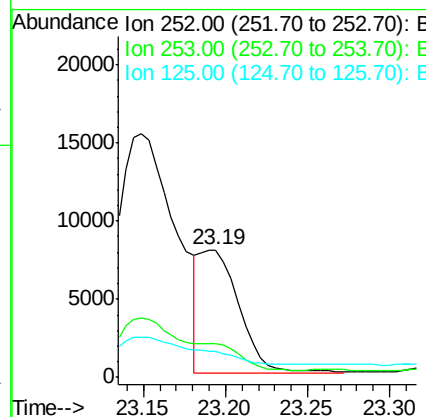
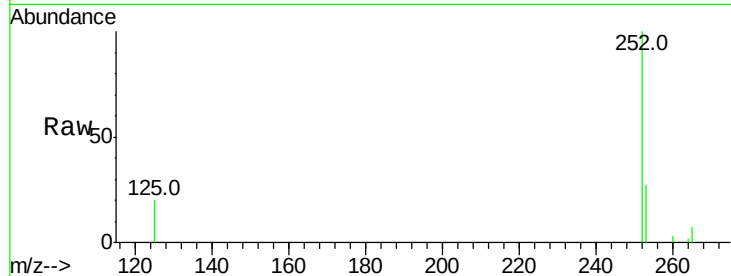
#22
Benzo(k)fluoranthene
Concen: 0.280 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE094270.D
Acq: 11 Oct 2017 2:52

Instrument :
BNA_E
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B-56(2-4)-092717DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	24.5	36.7
125	20.2	13.7	20.5

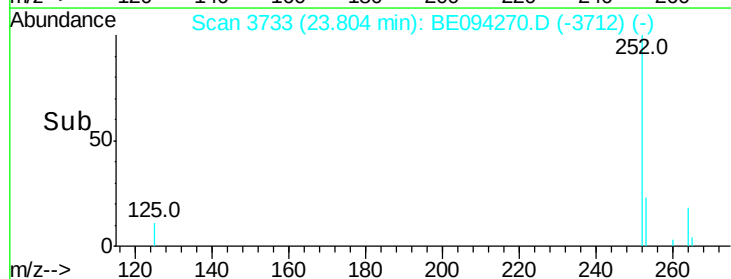
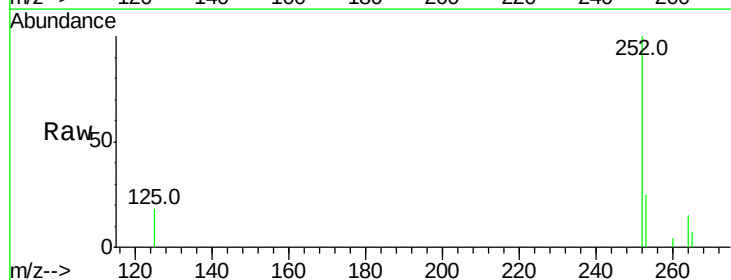
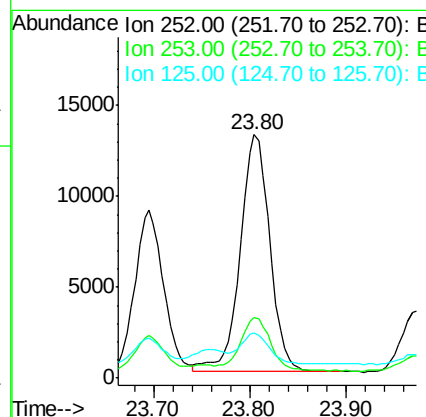
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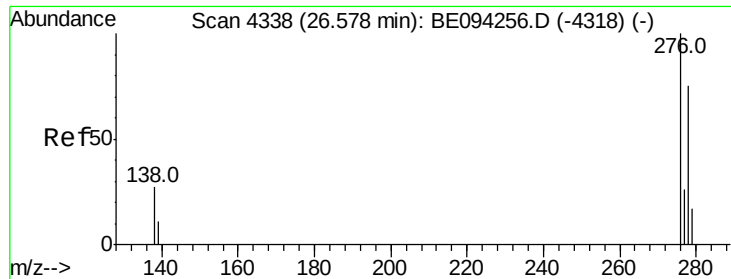
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#23
Benzo(a)pyrene
Concen: 0.660 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE094270.D
Acq: 11 Oct 2017 2:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	28.5	42.7#
125	18.4	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.410 ng/ul

RT: 26.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BE094270.D

Acq: 11 Oct 2017 2:52

Instrument :

BNA_E

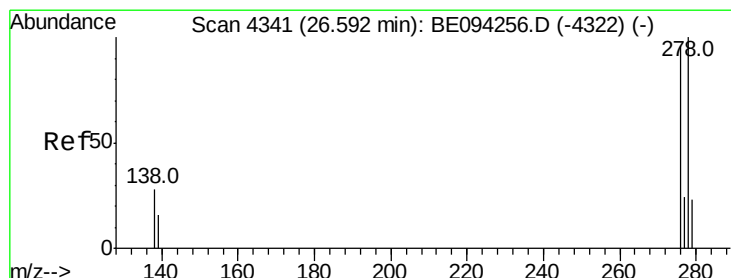
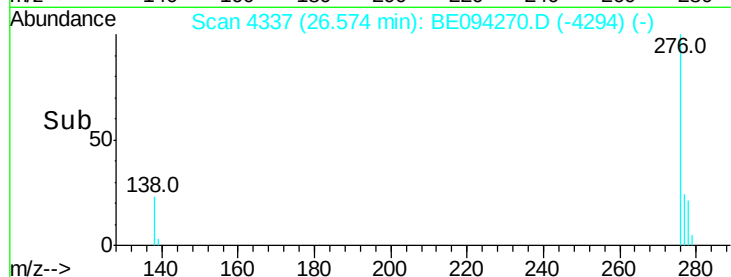
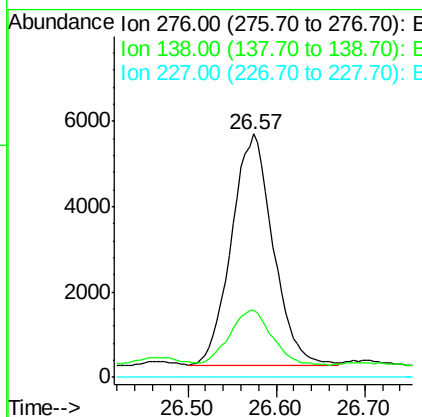
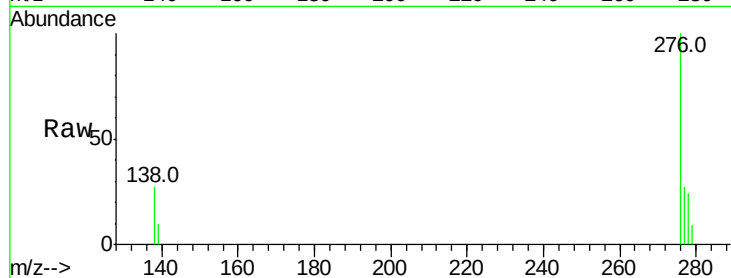
ClientSampleId :

B-56(2-4)-092717DL

Tot Ion:	276	Resp:	17789
Ion Ratio	Lower	Upper	
276	100		
138	23.9	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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Sohil
10/11/2017 7:20:28 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.120 ng/ul

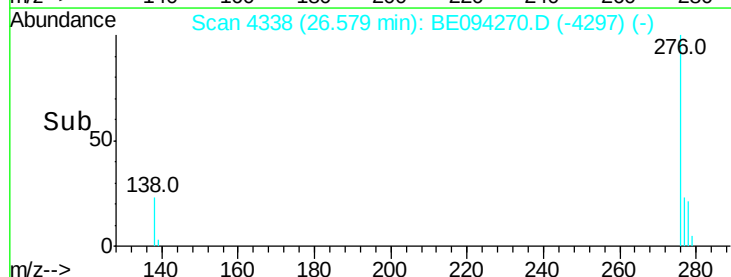
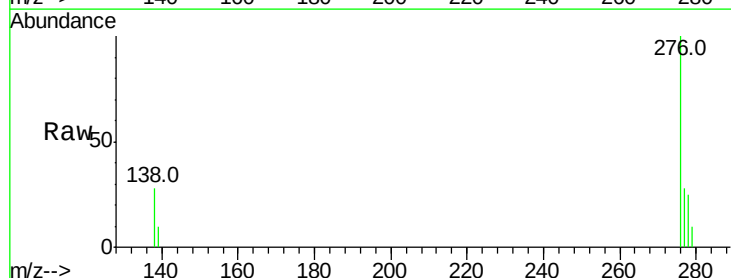
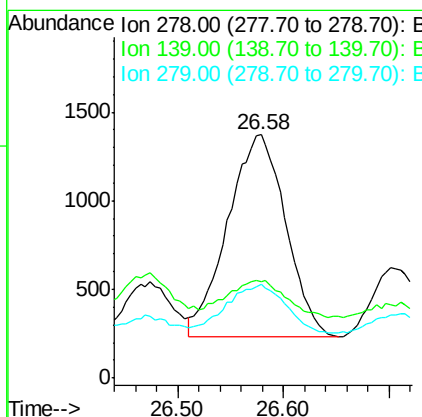
RT: 26.58 min Scan# 4338

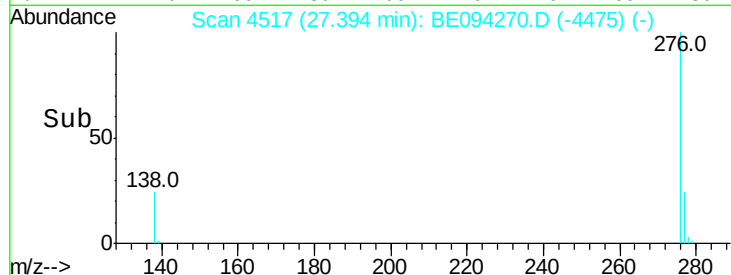
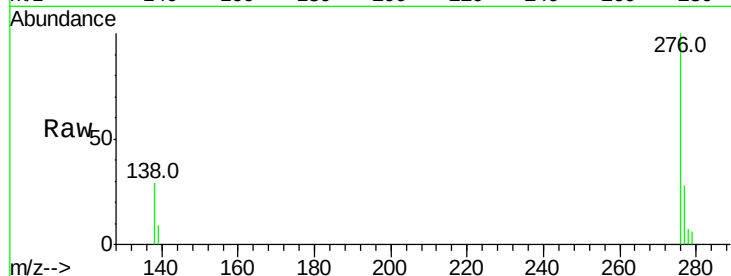
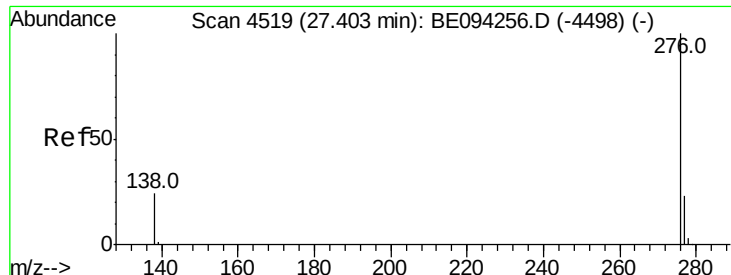
Delta R.T. -0.01 min

Lab File: BE094270.D

Acq: 11 Oct 2017 2:52

Tgt Ion:	278	Resp:	4363
Ion Ratio	Lower	Upper	
278	100		
139	39.8	17.4	26.0#
279	38.5	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.441 ng/ul
 RT: 27.39 min Scan# 4517
 Delta R.T. -0.01 min
 Lab File: BE094270.D
 Acq: 11 Oct 2017 2:52

Instrument :
 BNA_E
 ClientSampleId :
 B-56(2-4)-092717DL

Tot Ion:	276	Resp:	16525
Ion Ratio		Lower	Upper
276	100		
138	29.5	21.8	32.8
277	28.0	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:20:28 PM

