

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093855.D
 Acq On : 17 Aug 2017 00:22
 Operator : SJ/JU
 Sample : I4672-09DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH9DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:52 PM

Quant Time: Aug 17 04:50:00 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2645	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13352	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7428	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16492	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18169	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	15780	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	880	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2042	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	9220	0.284	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	2609	0.110	ng/ul	98
7) Acenaphthylene	14.24	152	21438	0.690	ng/ul	97
8) Acenaphthene	14.59	153	1113	0.046	ng/ul#	91
9) Fluorene	15.57	166	9423	0.305	ng/ul	89
12) Phenanthrene	17.29	178	259449	5.777	ng/ul#	88
13) Anthracene	17.38	178	106282	2.429	ng/ul#	89
15) Fluoranthene	19.31	202	455818	8.115	ng/ul	84
17) Pyrene	19.67	202	417885	7.880	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	289467	5.495	ng/ul#	86
19) Chrysene	21.45	228	239312	4.736	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	204970m	4.199	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	74809m	1.554	ng/ul	
23) Benzo(a)pyrene	23.81	252	167384	3.605	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.56	276	68543	1.337	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.57	278	25147	0.587	ng/ul	95
26) Benzo(a,h,i)perylene	27.39	276	51489	1.192	ng/ul	99

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

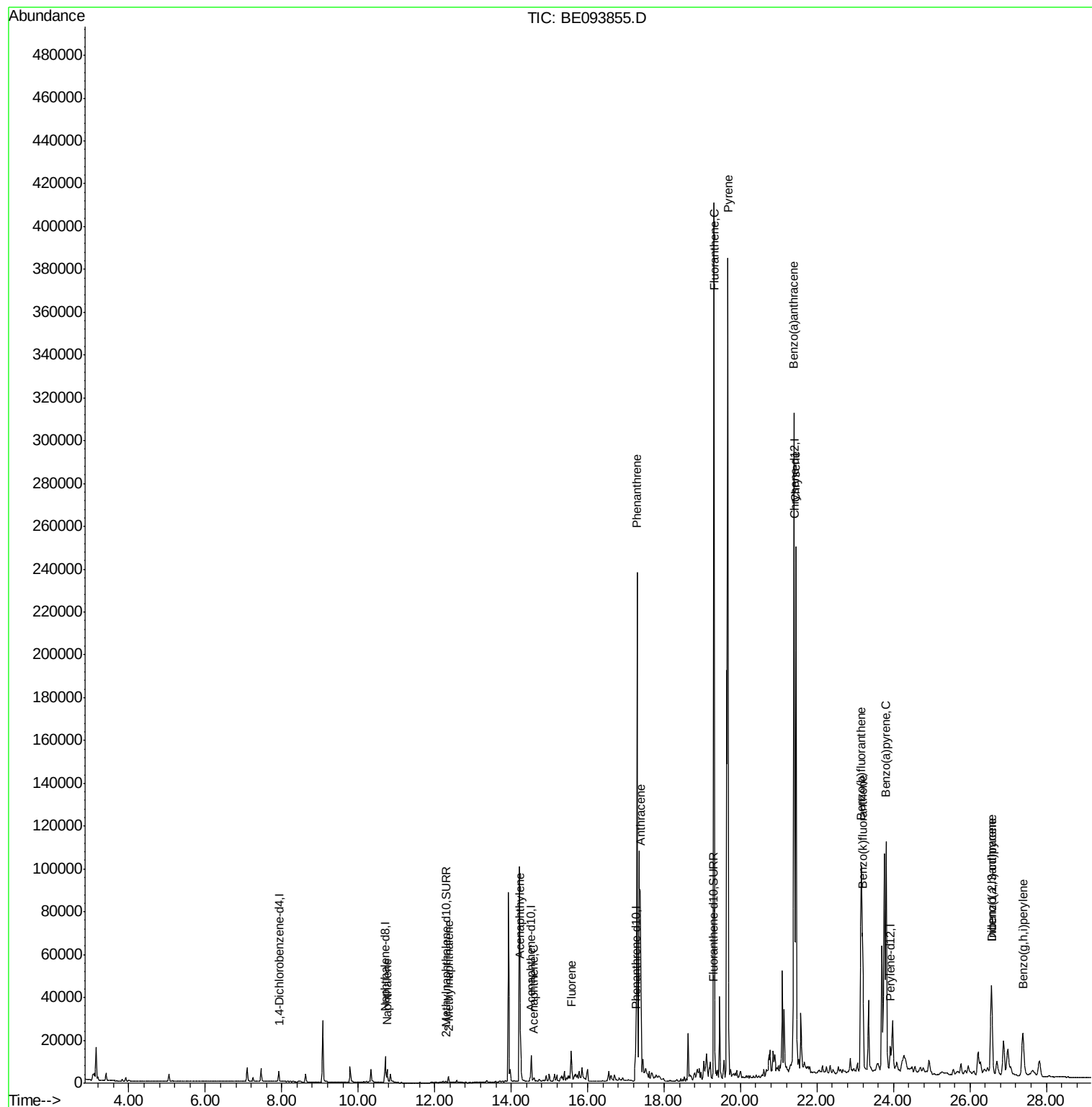
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093855.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

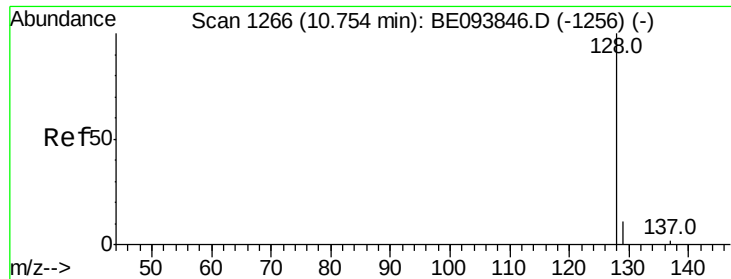
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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#3

Naphthalene

Concen: 0.284 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampleId :

C0AH9DL

Tot Ion:128 Resp: 9220

Ion Ratio Lower Upper

128 100

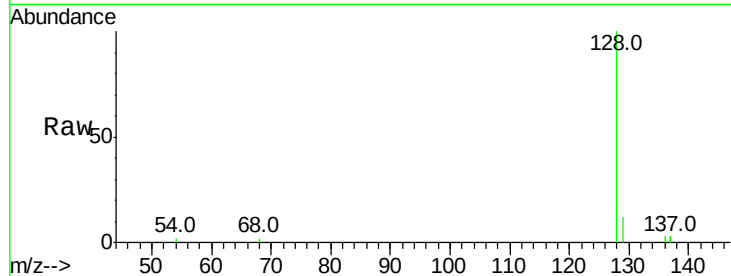
129 11.8 11.3 16.9

127 0.0 4.0 6.0#

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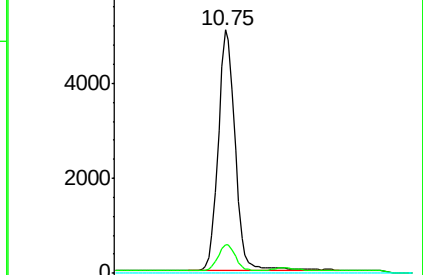
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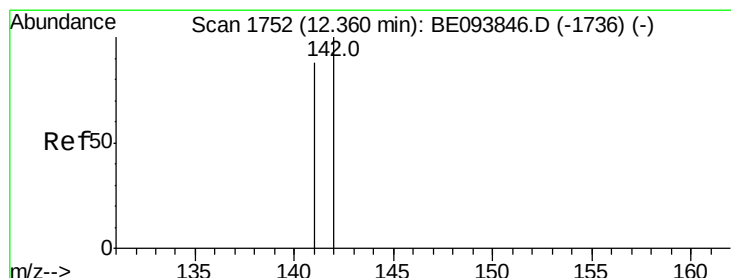
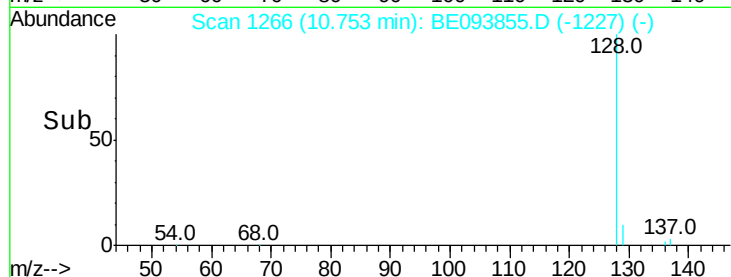
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.110 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093855.D

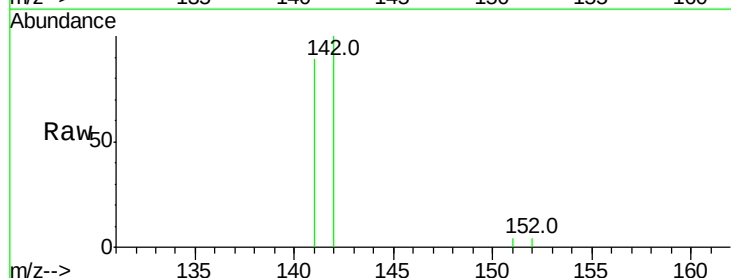
Acq: 17 Aug 2017 00:22

Tgt Ion:142 Resp: 2609

Ion Ratio Lower Upper

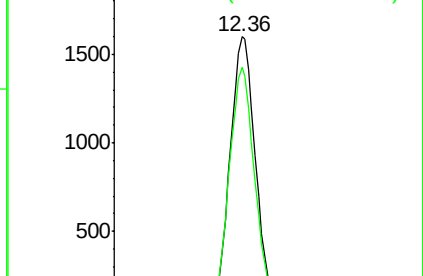
142 100

141 89.1 72.6 108.8

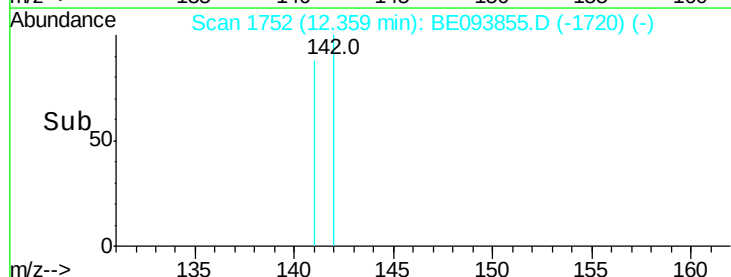


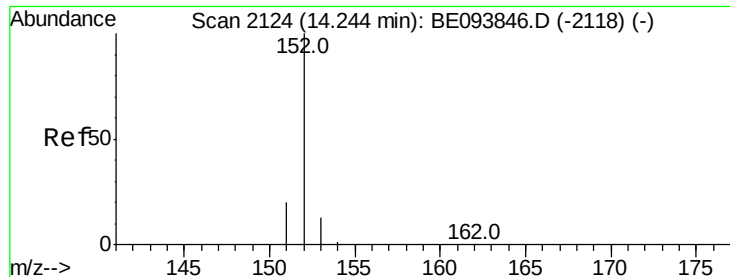
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.690 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

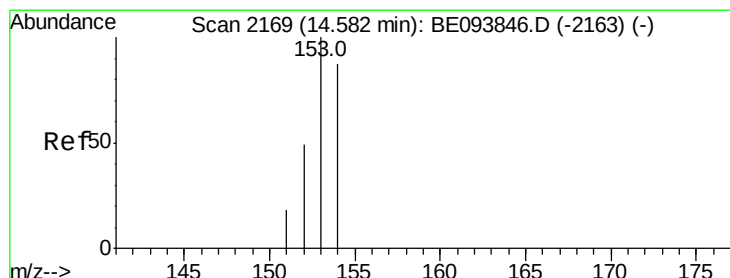
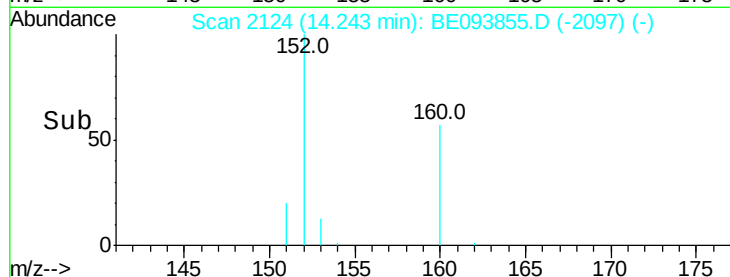
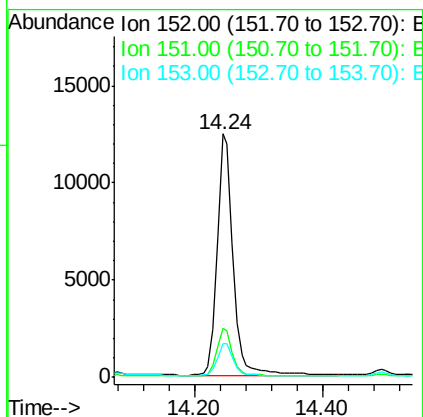
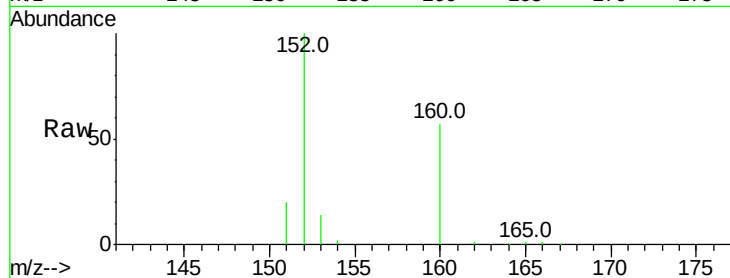
ClientSampleId :

C0AH9DL

Tot Ion:	152	Resp:	21438
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	13.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.046 ng/ul

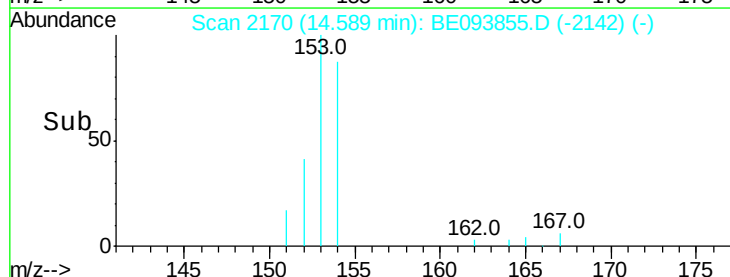
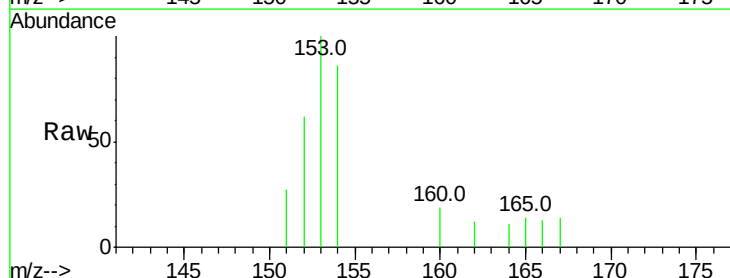
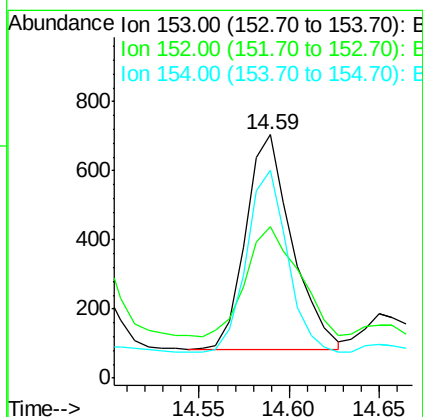
RT: 14.59 min Scan# 2170

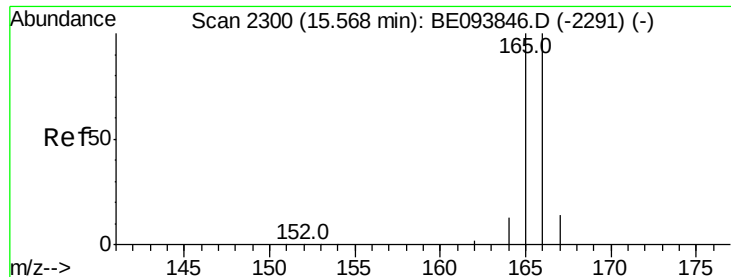
Delta R.T. 0.01 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Tgt Ion:	153	Resp:	1113
Ion Ratio	Lower	Upper	
153	100		
152	62.0	40.3	60.5#
154	85.5	71.4	107.2





#9

Fluorene

Concen: 0.305 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

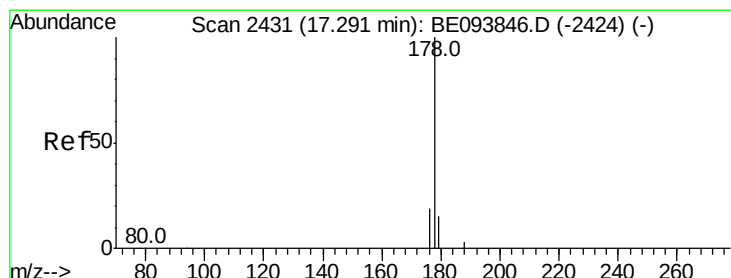
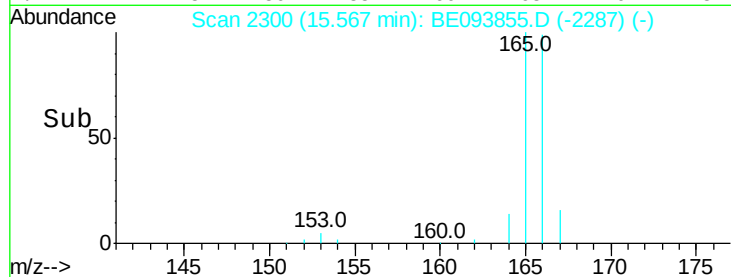
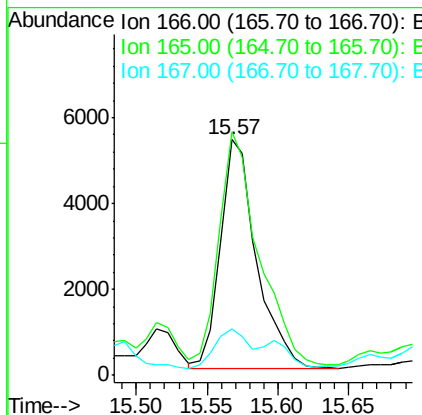
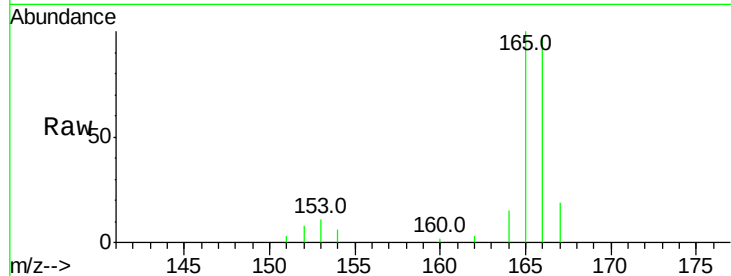
ClientSampleId :

C0AH9DL

Tot Ion:	166	Resp:	9423
Ion Ratio	Lower	Upper	
166	100		
165	103.3	73.4	110.2
167	19.7	14.6	22.0

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#12

Phenanthrene

Concen: 5.777 ng/ul

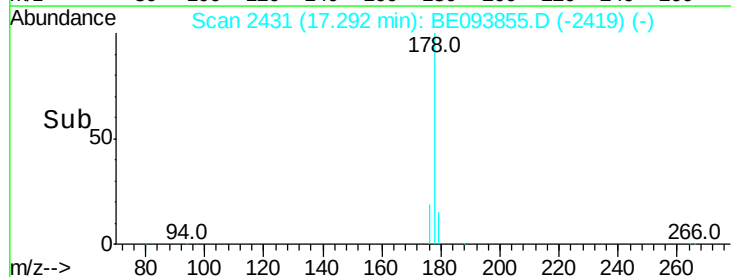
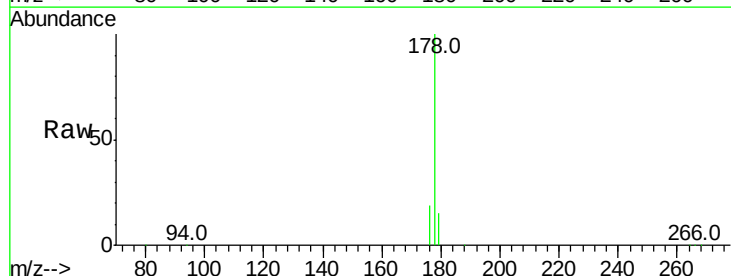
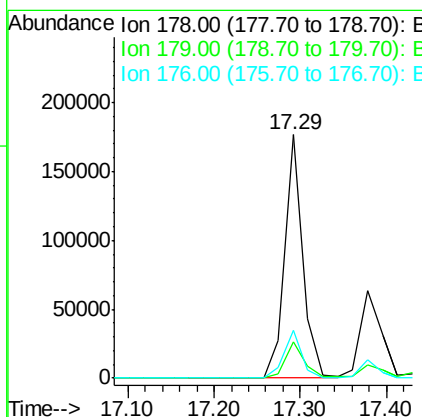
RT: 17.29 min Scan# 2431

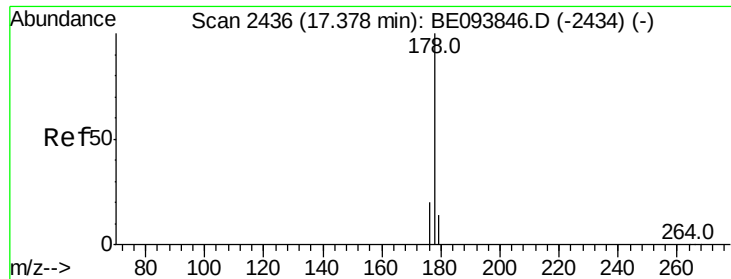
Delta R.T. 0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Tgt Ion:	178	Resp:	259449
Ion Ratio	Lower	Upper	
178	100		
179	15.0	18.4	27.6#
176	19.4	13.6	20.4





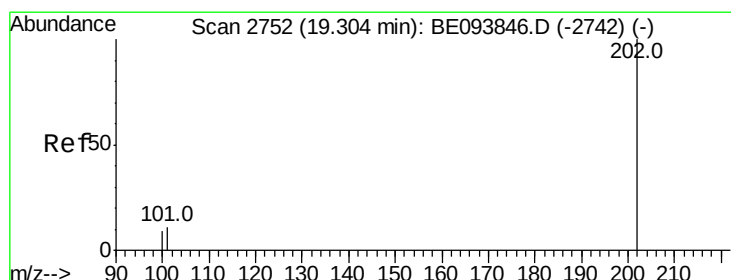
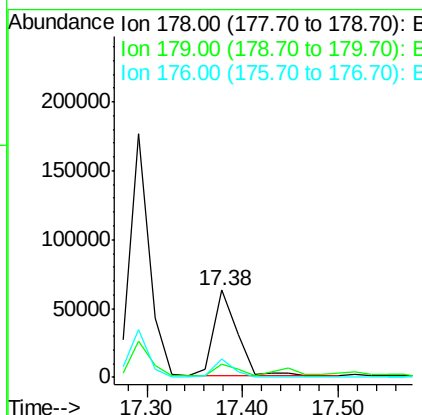
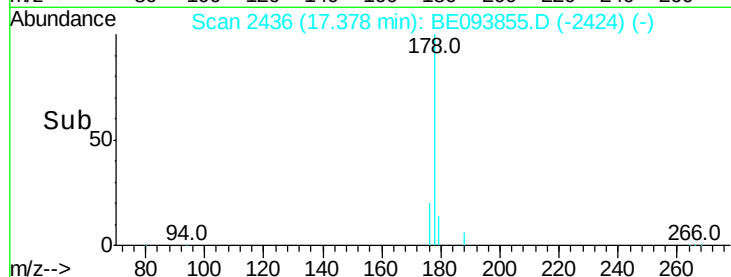
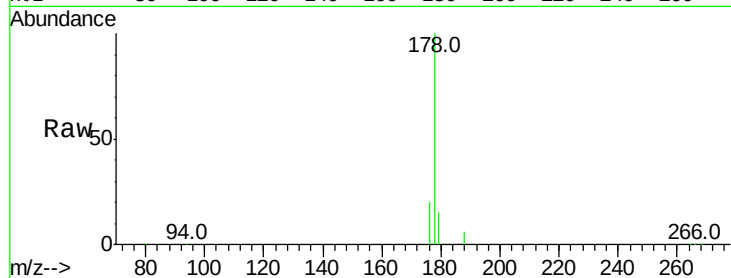
#13
 Anthracene
 Concen: 2.429 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093855.D
 Acq: 17 Aug 2017 00:22

Instrument :
 BNA_E
 ClientSampleId :
 C0AH9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.1	27.1#
176	20.3	14.7	22.1

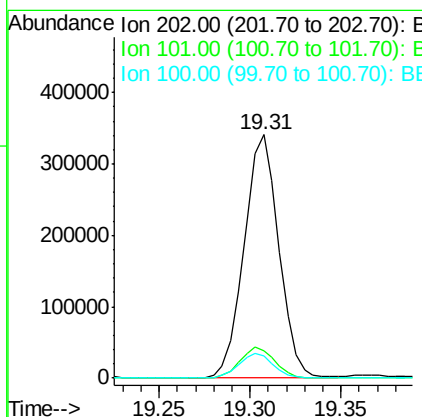
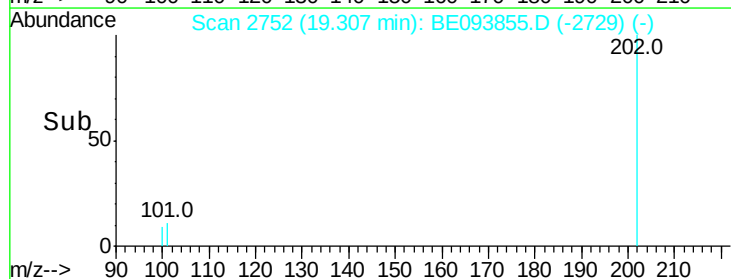
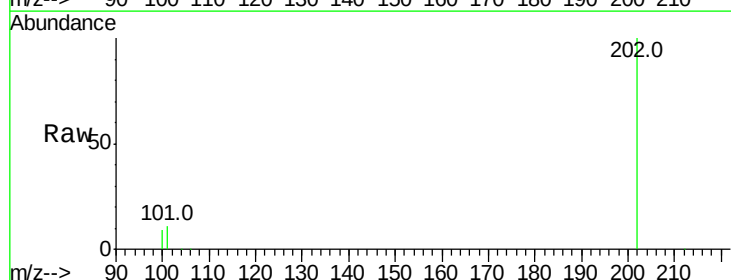
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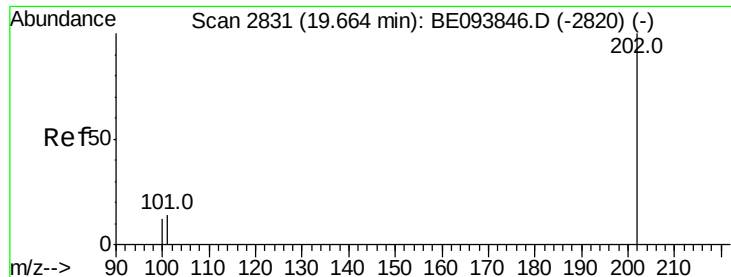
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#15
 Fluoranthene
 Concen: 8.115 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BE093855.D
 Acq: 17 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	8.9	0.0	39.5





#17

Pvrene

Concen: 7.880 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

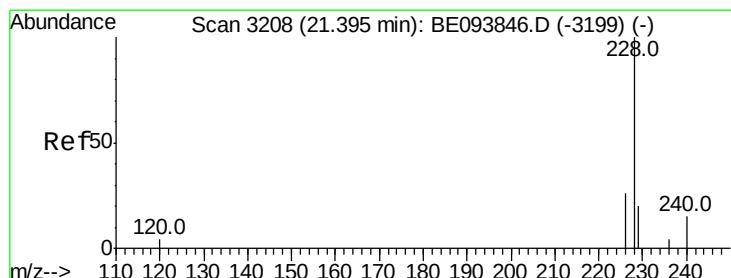
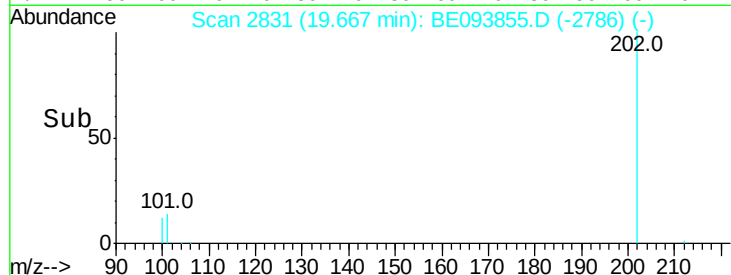
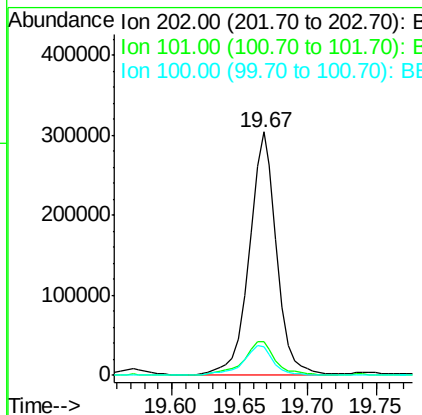
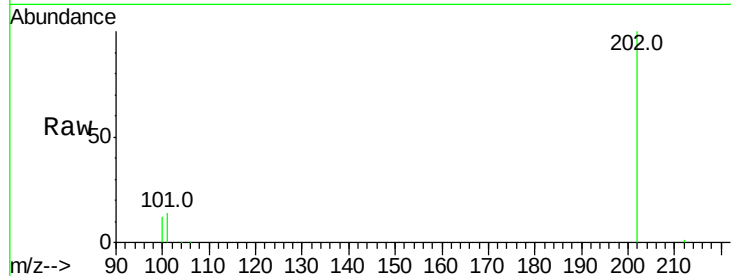
ClientSampleId :

C0AH9DL

Tot Ion:	202	Resp:	417885
Ion Ratio	Lower	Upper	
202	100		
101	14.0	18.2	27.4#
100	11.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 5.495 ng/ul

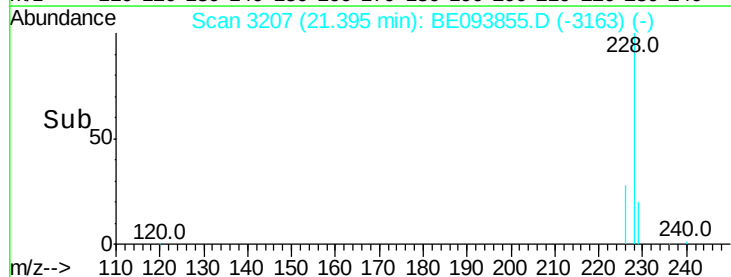
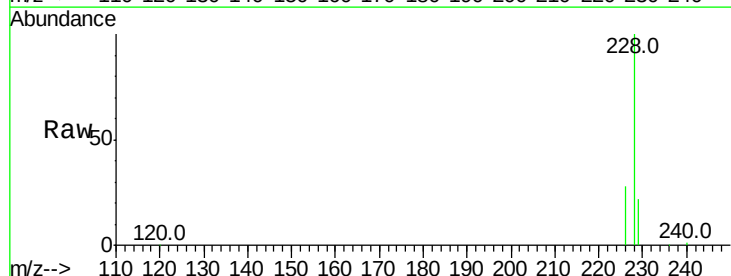
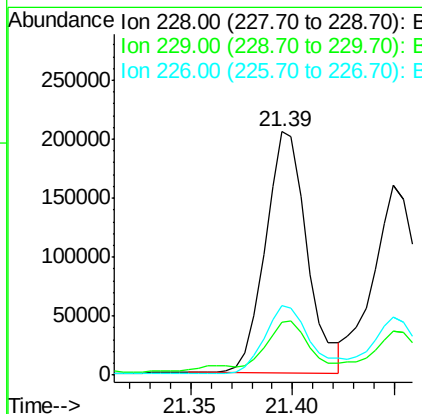
RT: 21.39 min Scan# 3207

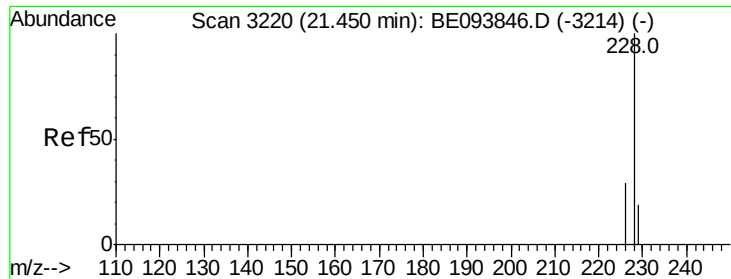
Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Tgt Ion:	228	Resp:	289467
Ion Ratio	Lower	Upper	
228	100		
229	21.5	22.8	34.2#
226	28.3	17.0	25.6#





#19

Chrysene

Concen: 4.736 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

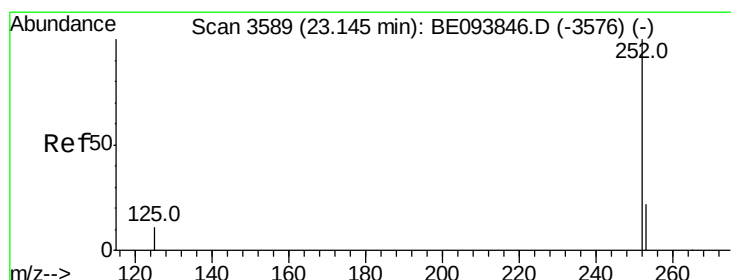
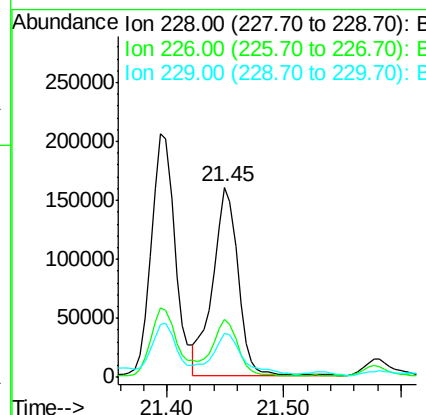
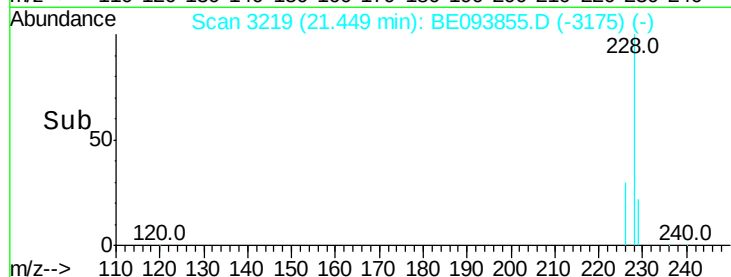
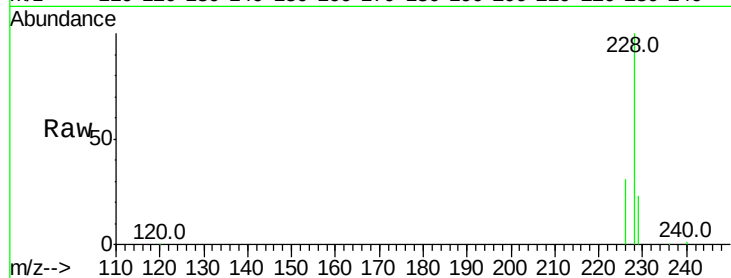
ClientSampled :

C0AH9DL

Tot Ion:	228	Resp:	239312
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.0
229	23.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.199 ng/ul m

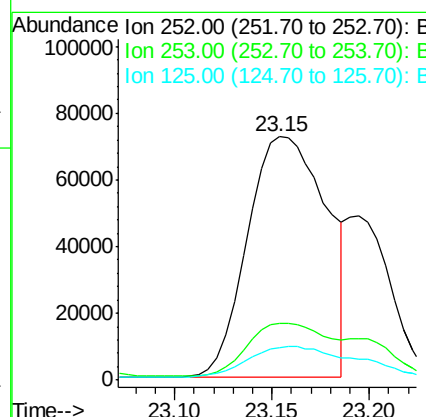
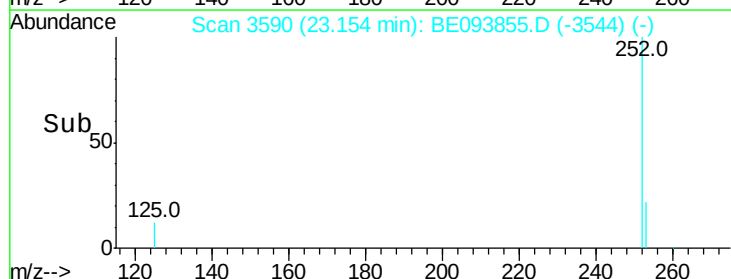
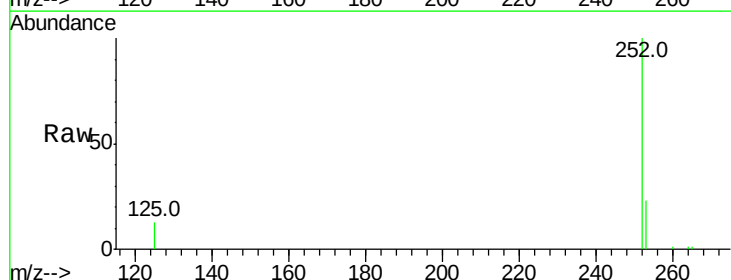
RT: 23.15 min Scan# 3590

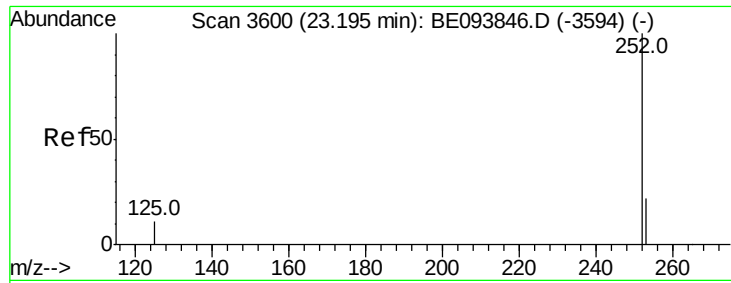
Delta R.T. 0.01 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Tgt Ion:	252	Resp:	204970
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	13.1	0.0	35.0





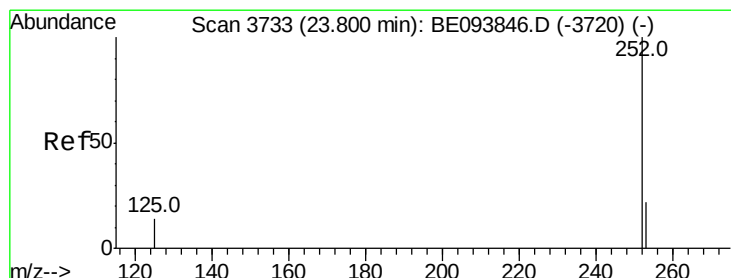
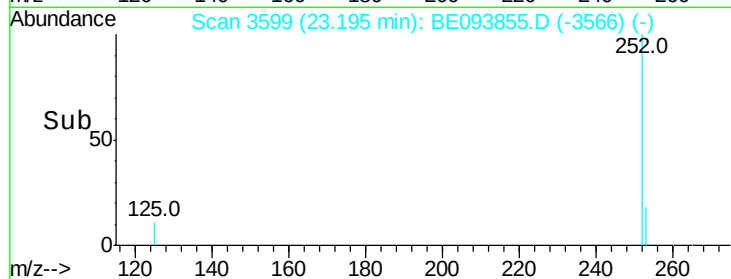
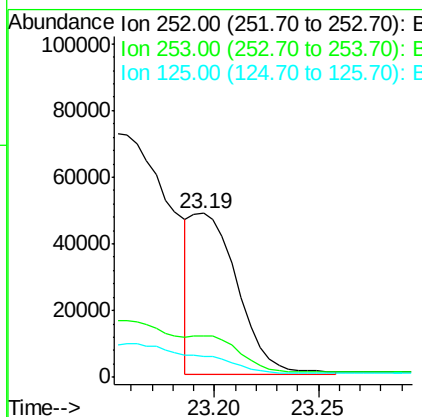
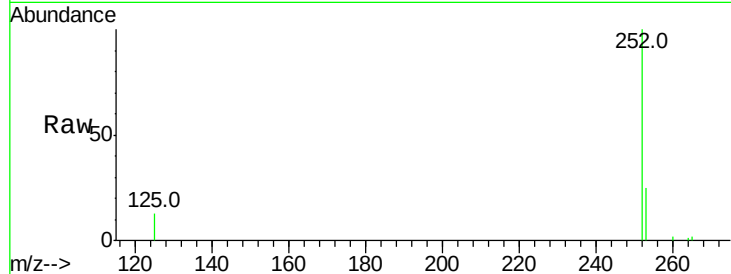
#22
Benzo(k)fluoranthene
Concen: 1.554 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE093855.D
Acq: 17 Aug 2017 00:22

Instrument :
BNA_E
ClientSampleId :
C0AH9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	24.5	36.7
125	13.1	13.7	20.5#

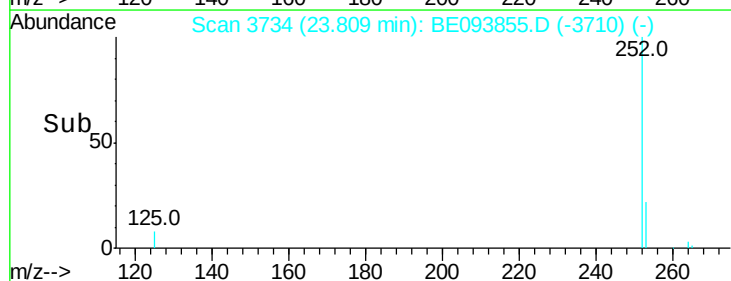
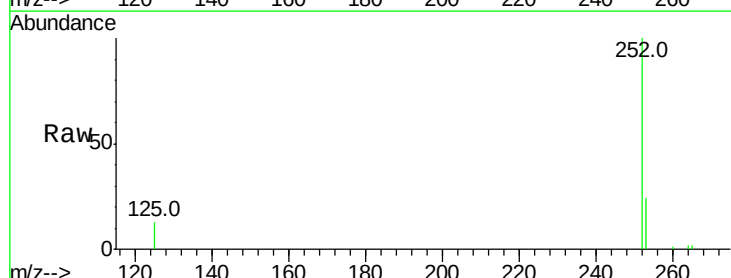
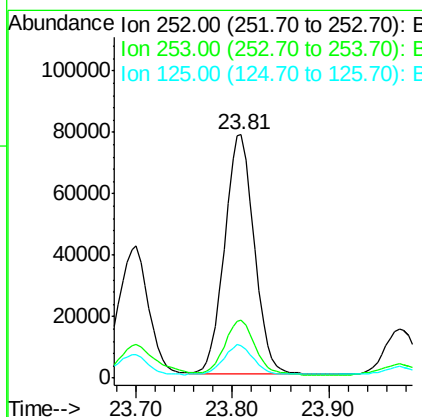
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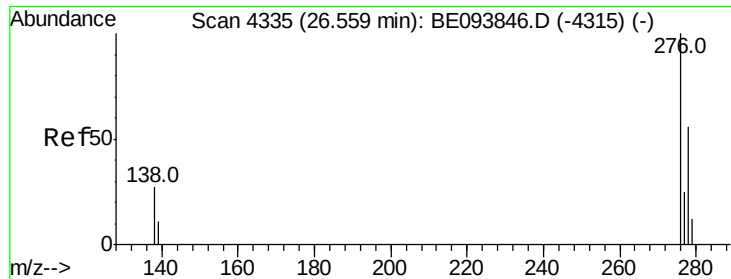
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#23
Benzo(a)pyrene
Concen: 3.605 ng/ul
RT: 23.81 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BE093855.D
Acq: 17 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	28.5	42.7#
125	13.4	18.1	27.1#





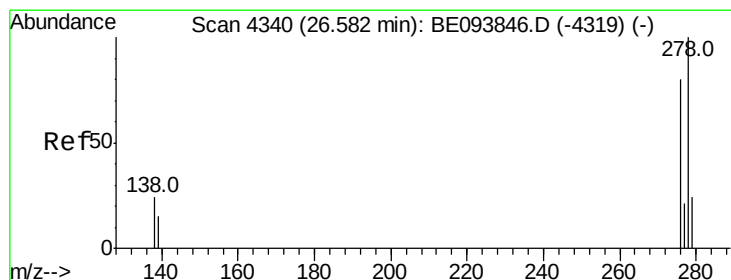
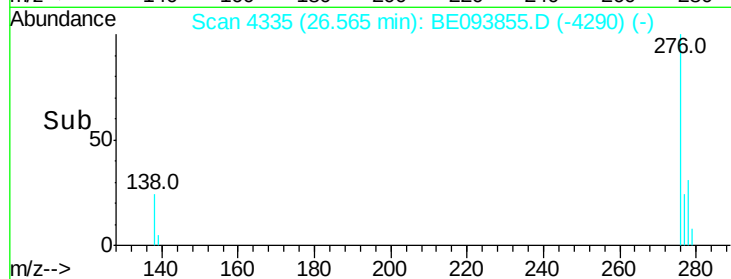
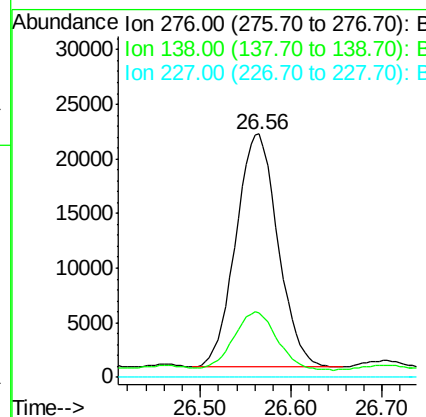
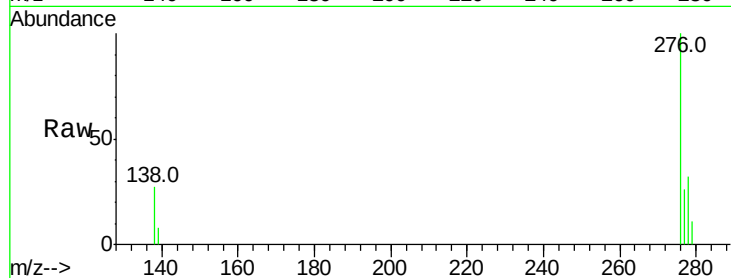
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.337 ng/ul
 RT: 26.56 min Scan# 4335
 Delta R.T. 0.01 min
 Lab File: BE093855.D
 Acq: 17 Aug 2017 00:22

Instrument :
 BNA_E
 ClientSampleId :
 C0AH9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	28.0	42.0#
227	0.0	8.0	12.0#

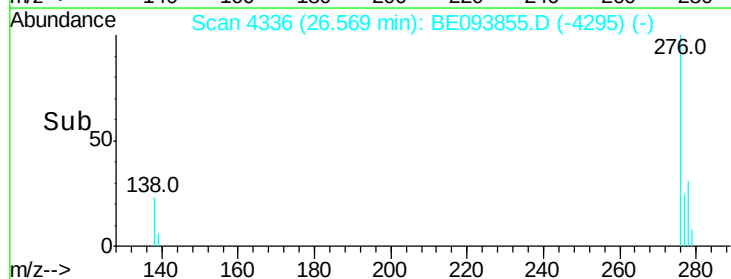
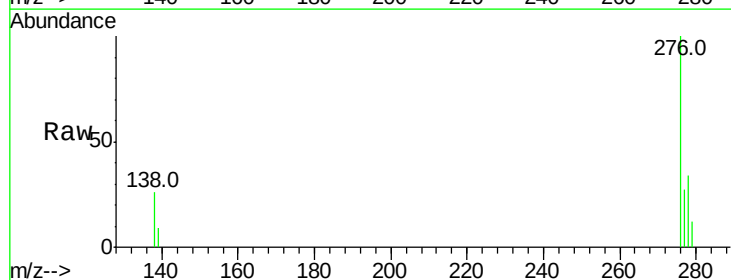
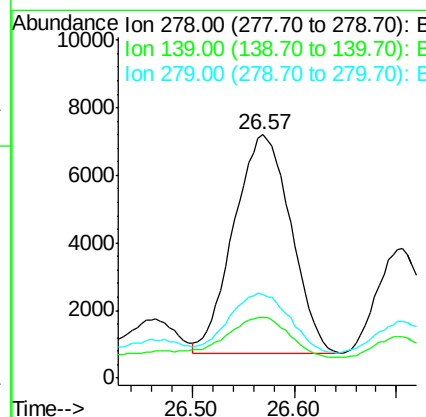
Manual Integrations
 APPROVED

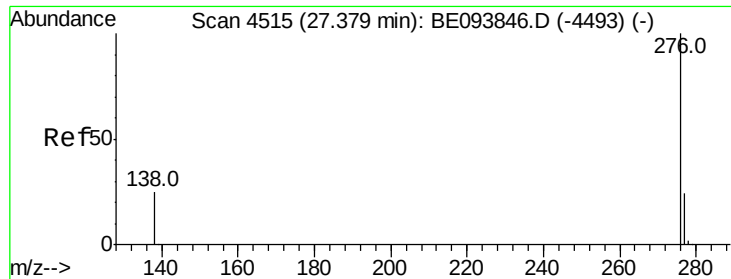
Sohil
 8/17/2017 5:59:52 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.587 ng/ul
 RT: 26.57 min Scan# 4336
 Delta R.T. -0.01 min
 Lab File: BE093855.D
 Acq: 17 Aug 2017 00:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.1	17.4	26.0
279	34.5	25.9	38.9





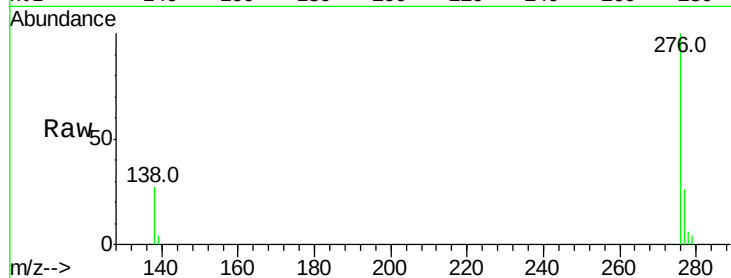
#26
 Benzo(a,h,i)perylene
 Concen: 1.192 ng/ul
 RT: 27.39 min Scan# 4516
 Delta R.T. 0.01 min
 Lab File: BE093855.D
 Acq: 17 Aug 2017 00:22

Instrument :
 BNA_E
 ClientSampleId :
 C0AH9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.8	32.8
277	26.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:52 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

