

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093853.D
 Acq On : 16 Aug 2017 23:08
 Operator : SJ/JU
 Sample : I4672-03DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG5DL

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:48 PM

Quant Time: Aug 17 04:34:37 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	2474	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12749	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7431	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16493	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18190	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	16069	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	935	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2498	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	9555	0.308	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	7167	0.317	ng/ul	99
7) Acenaphthylene	14.25	152	10483	0.337	ng/ul	97
8) Acenaphthene	14.59	153	1159	0.047	ng/ul	96
9) Fluorene	15.57	166	3645	0.118	ng/ul	91
12) Phenanthrene	17.29	178	71790	1.598	ng/ul#	90
13) Anthracene	17.38	178	16033	0.366	ng/ul#	91
15) Fluoranthene	19.30	202	174487	3.106	ng/ul	84
17) Pyrene	19.66	202	149276	2.811	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	88234	1.673	ng/ul#	84
19) Chrysene	21.45	228	83670	1.654	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	115531m	2.324	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	49956m	1.019	ng/ul	
23) Benzo(a)pyrene	23.80	252	82425	1.743	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.55	276	54994	1.054	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.56	278	13421	0.308	ng/ul	96
26) Benzo(a,h,i)perylene	27.38	276	44981	1.023	ng/ul	99

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

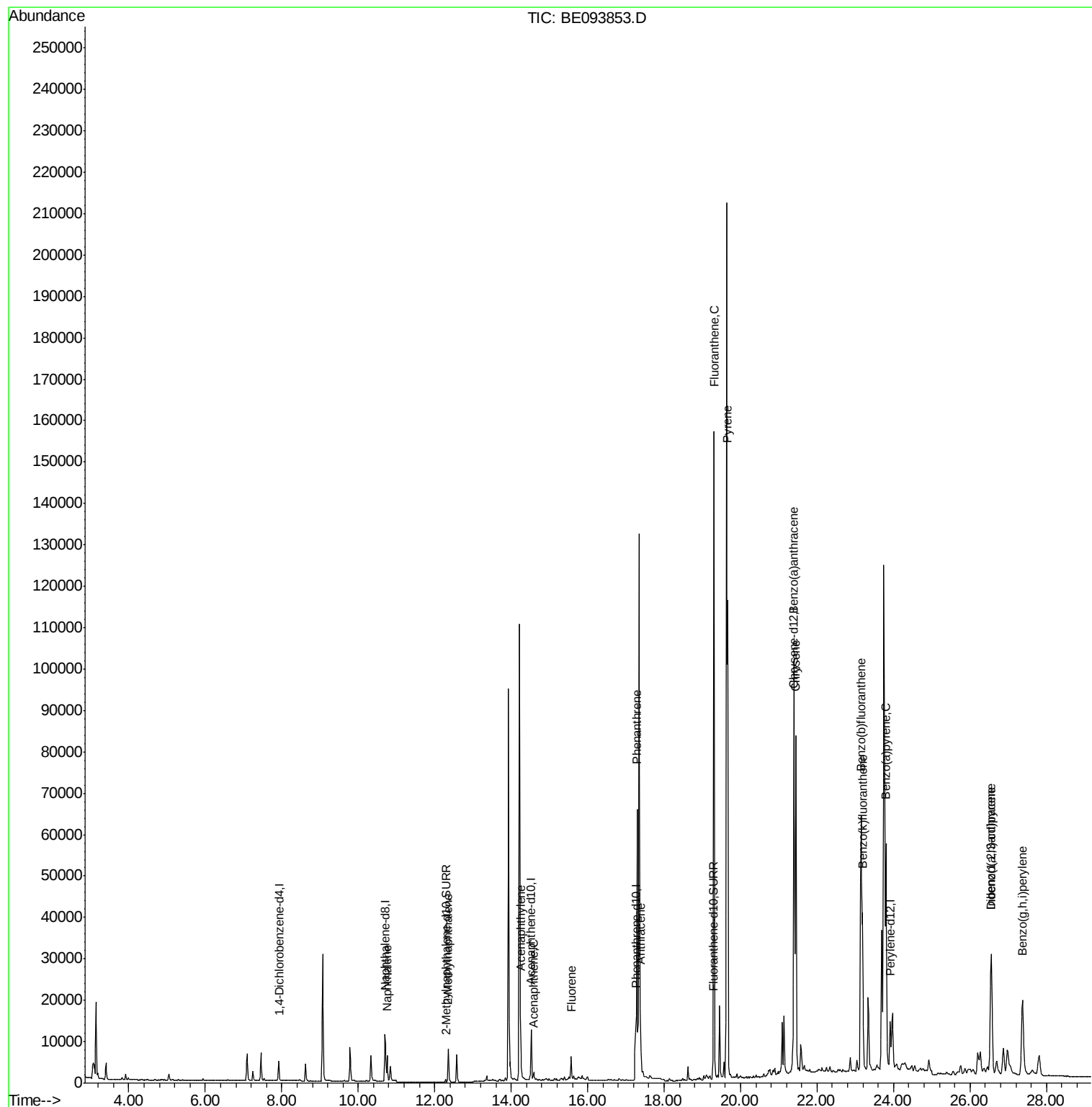
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
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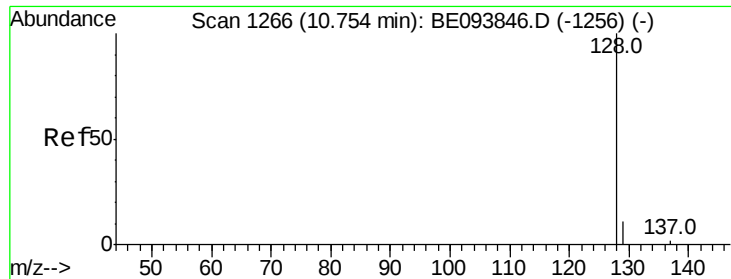
Instrument :
BNA_E
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C0AG5DL

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#3

Naphthalene

Concen: 0.308 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093853.D

Acq: 16 Aug 2017 23:08

Instrument :

BNA_E

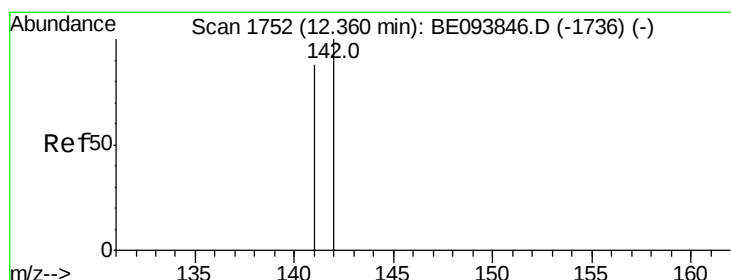
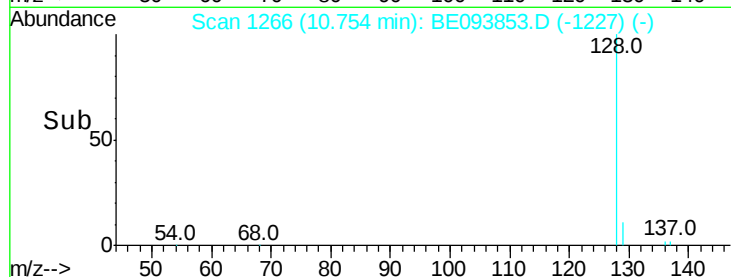
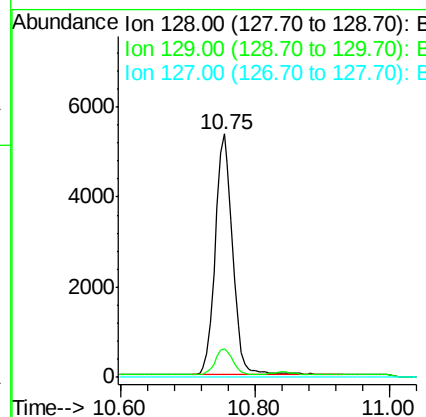
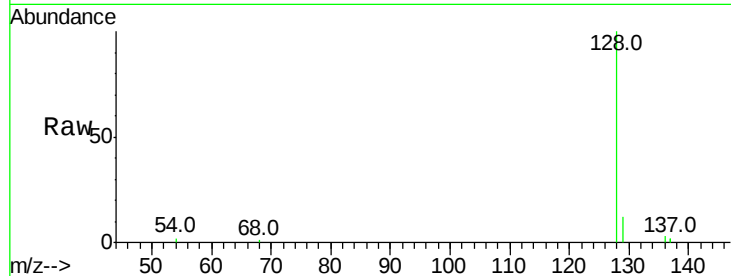
ClientSampleId :

C0AG5DL

Tot Ion:	128	Resp:	9555
Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.317 ng/ul

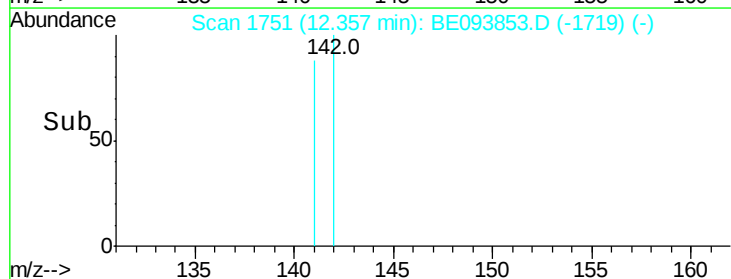
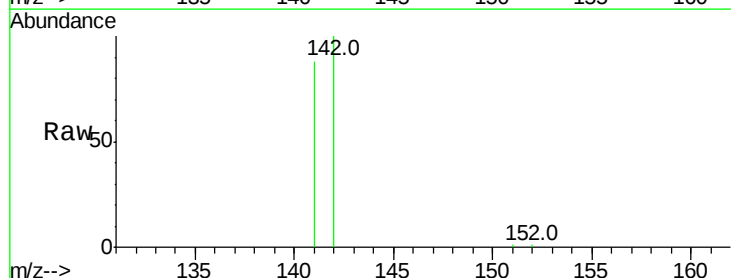
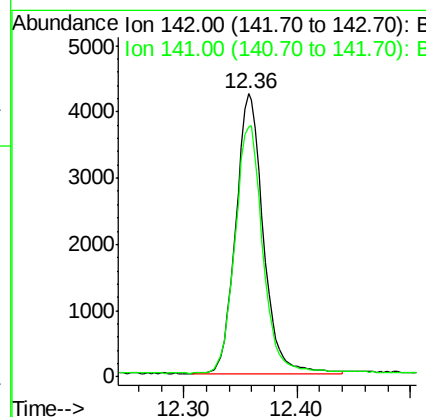
RT: 12.36 min Scan# 1751

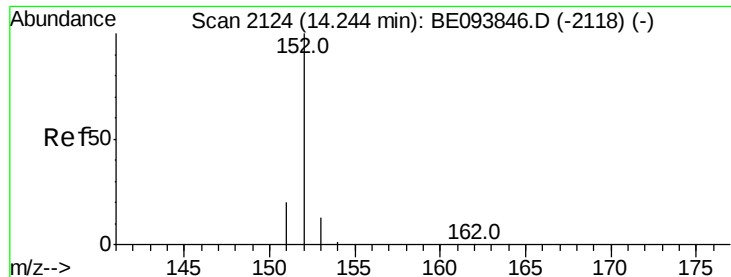
Delta R.T. -0.00 min

Lab File: BE093853.D

Acq: 16 Aug 2017 23:08

Tgt Ion:	142	Resp:	7167
Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.337 ng/ul

RT: 14.25 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE093853.D

Acq: 16 Aug 2017 23:08

Instrument :

BNA_E

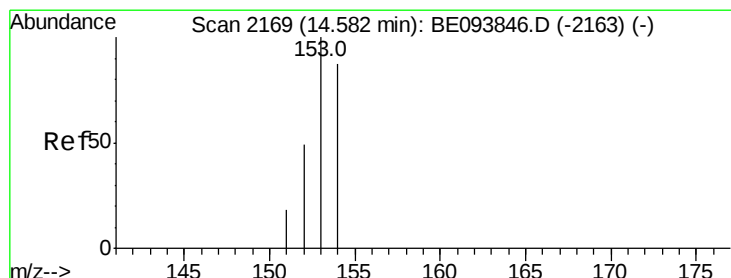
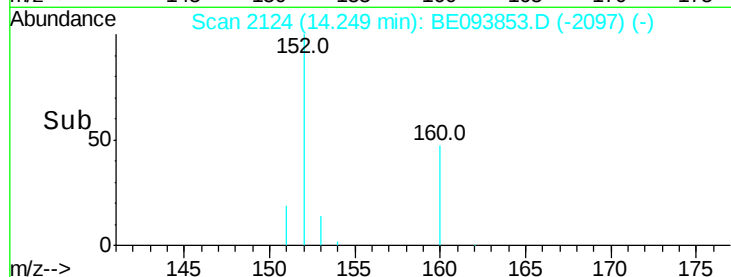
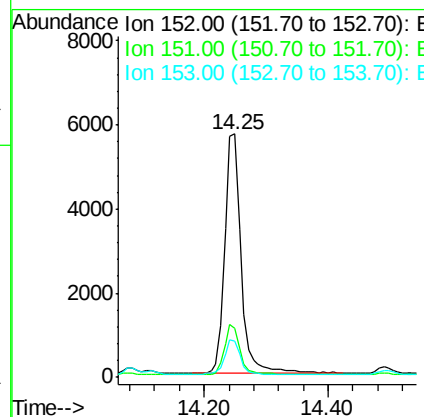
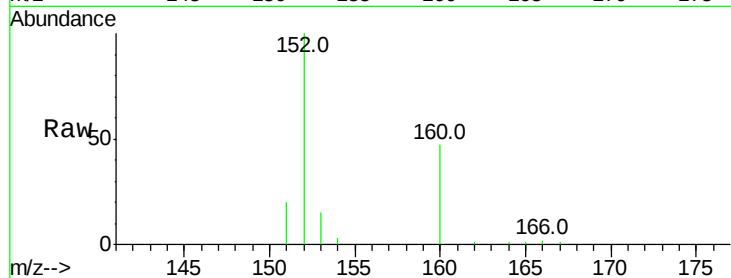
ClientSampleId :

C0AG5DL

Tot Ion:	152	Resp:	10483
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.1	25.7
153	15.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.047 ng/ul

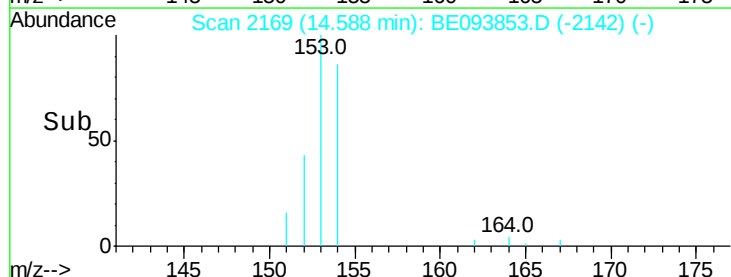
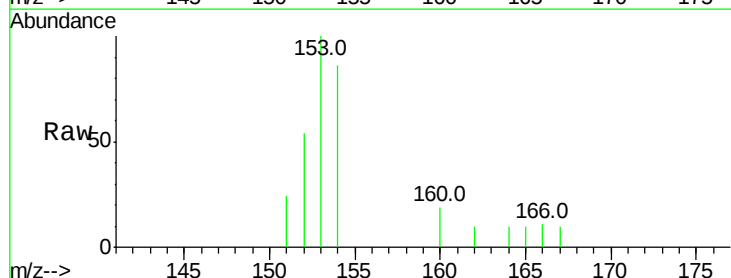
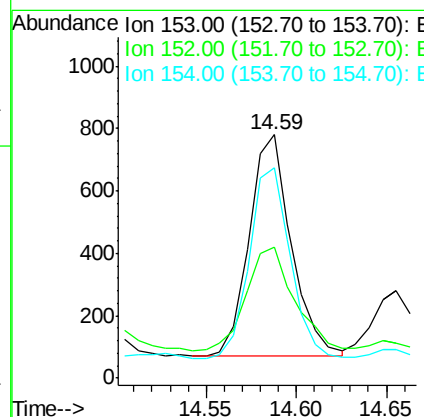
RT: 14.59 min Scan# 2169

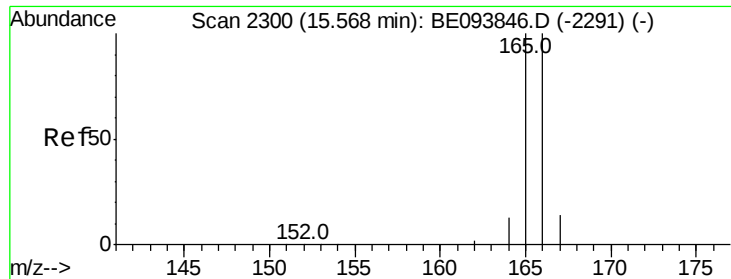
Delta R.T. 0.01 min

Lab File: BE093853.D

Acq: 16 Aug 2017 23:08

Tgt Ion:	153	Resp:	1159
Ion Ratio	Lower	Upper	
153	100		
152	53.9	40.3	60.5
154	86.2	71.4	107.2





#9

Fluorene

Concen: 0.118 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE093853.D

Acq: 16 Aug 2017 23:08

Instrument :

BNA_E

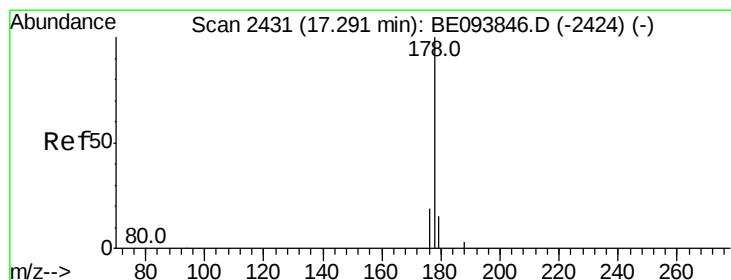
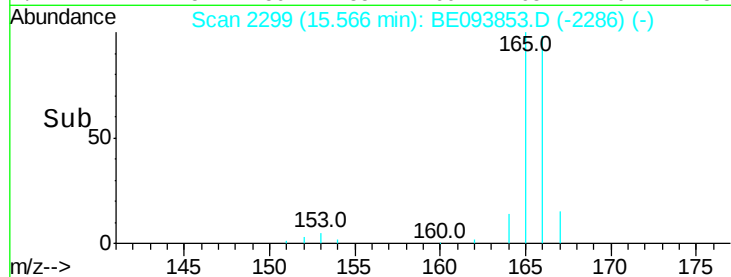
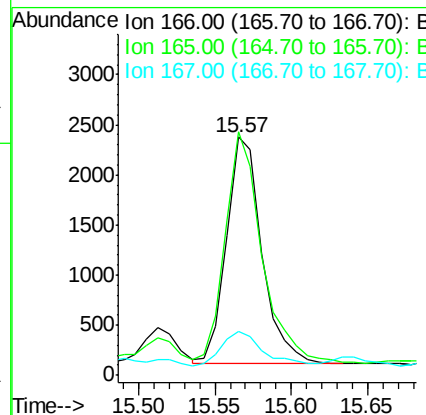
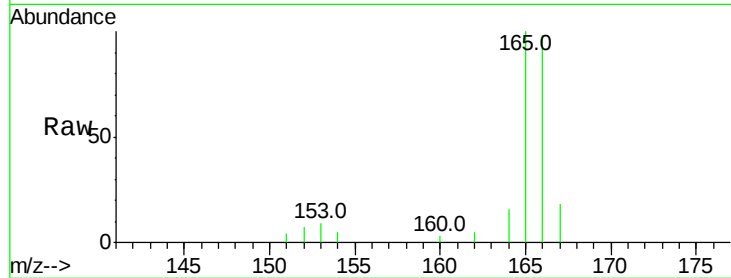
ClientSampleId :

C0AG5DL

Tot Ion:	166	Resp:	3645
Ion	Ratio	Lower	Upper
166	100		
165	102.3	73.4	110.2
167	18.3	14.6	22.0

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#12

Phenanthrene

Concen: 1.598 ng/ul

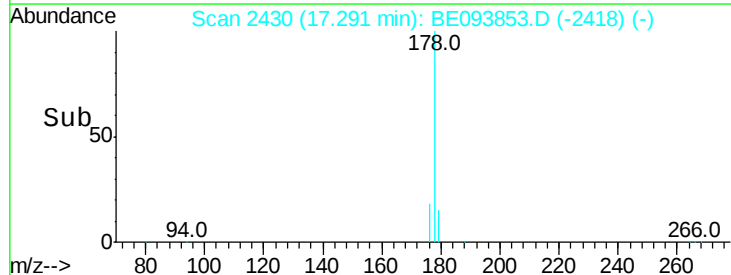
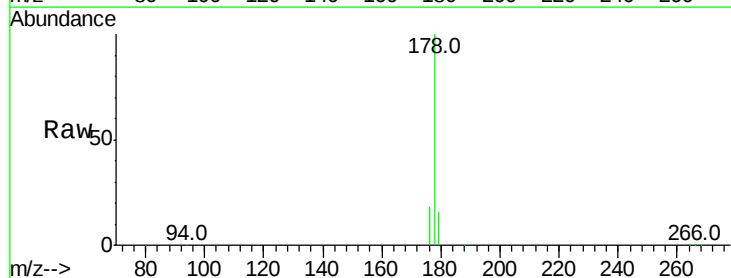
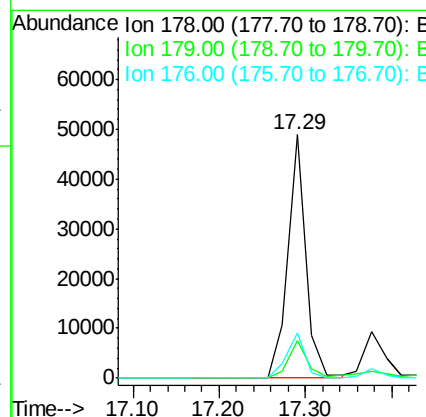
RT: 17.29 min Scan# 2430

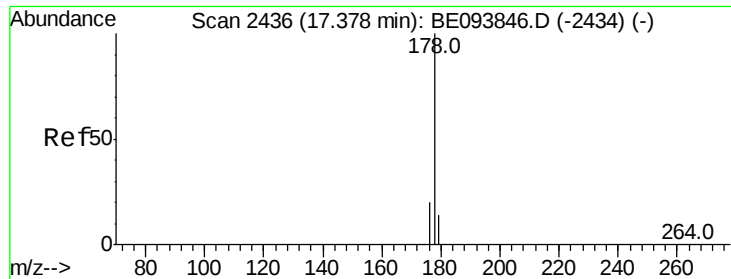
Delta R.T. -0.00 min

Lab File: BE093853.D

Acq: 16 Aug 2017 23:08

Tgt Ion:	178	Resp:	71790
Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	18.4	13.6	20.4





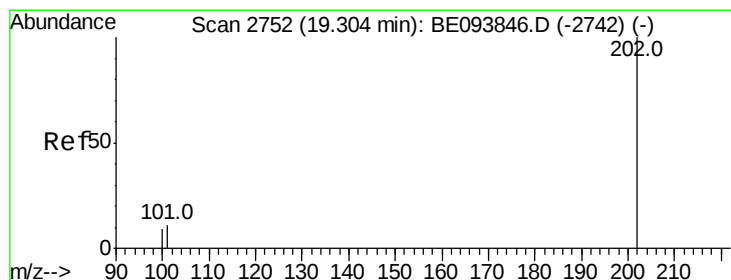
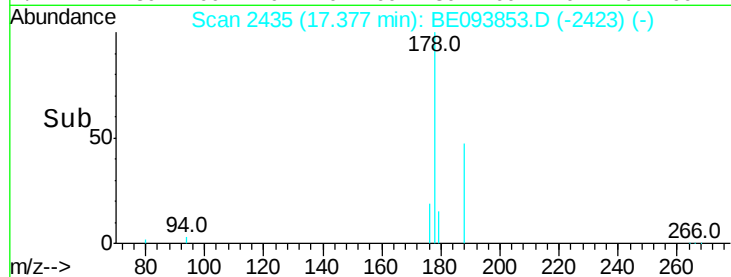
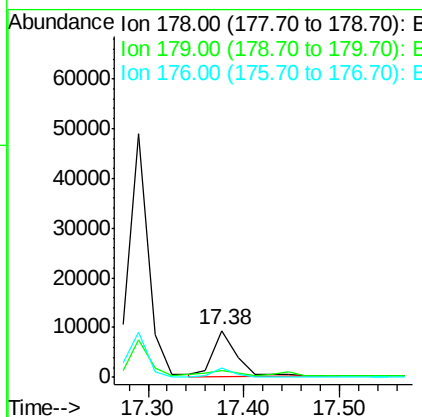
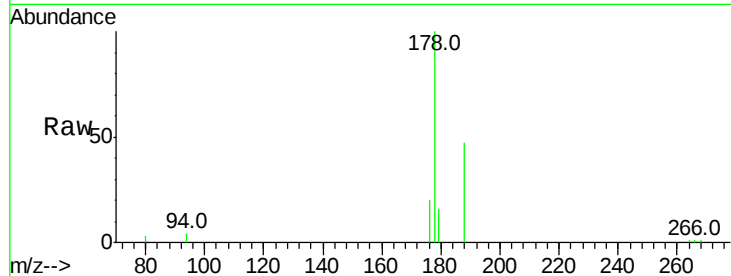
#13
 Anthracene
 Concen: 0.366 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BE093853.D
 Acq: 16 Aug 2017 23:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AG5DL

Tot Ion:178 Resp: 16033
 Ion Ratio Lower Upper
 178 100
 179 16.0 18.1 27.1#
 176 19.8 14.7 22.1

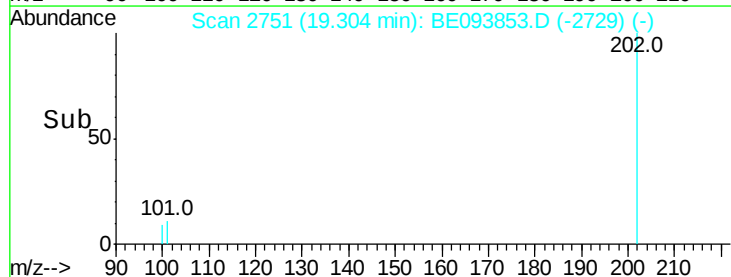
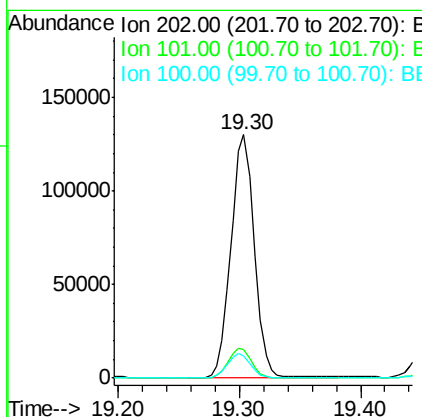
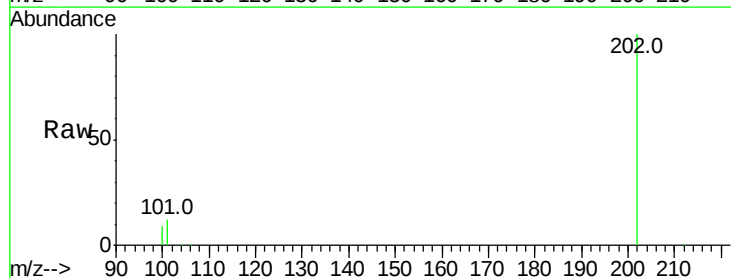
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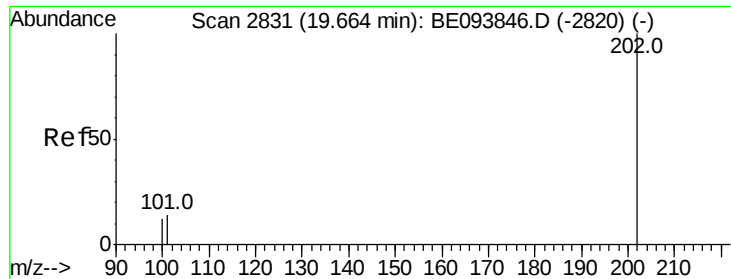
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#15
 Fluoranthene
 Concen: 3.106 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BE093853.D
 Acq: 16 Aug 2017 23:08

Tgt Ion:202 Resp: 174487
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 30.3
 100 9.1 0.0 39.5





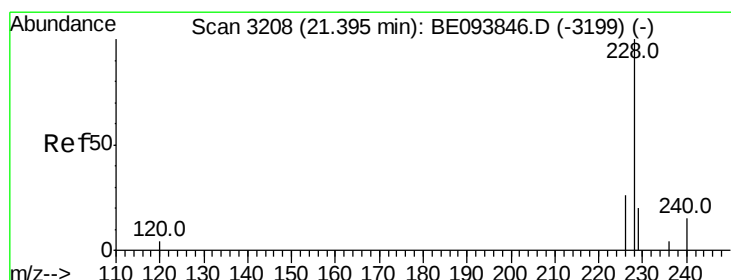
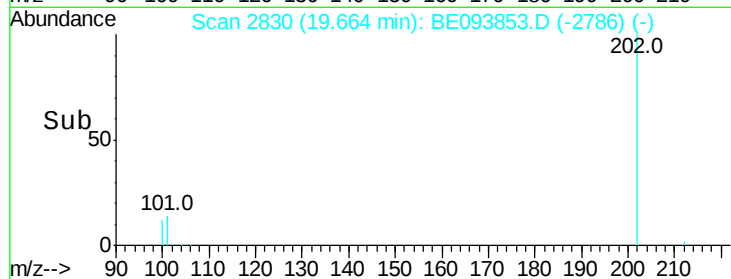
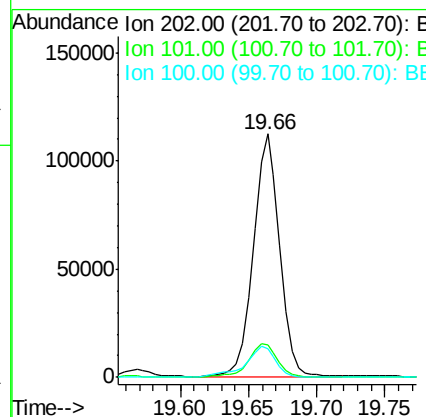
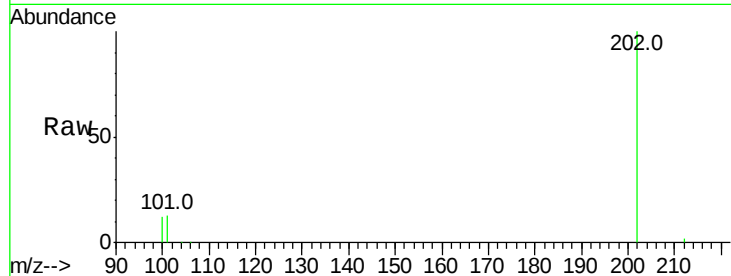
#17
Pvrene
Concen: 2.811 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BE093853.D
Acq: 16 Aug 2017 23:08

Instrument :
BNA_E
ClientSampleId :
C0AG5DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.5	15.6	23.4#

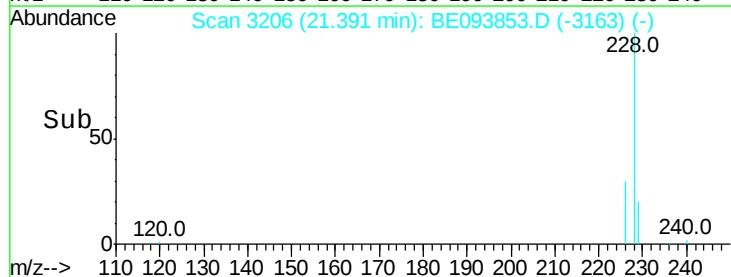
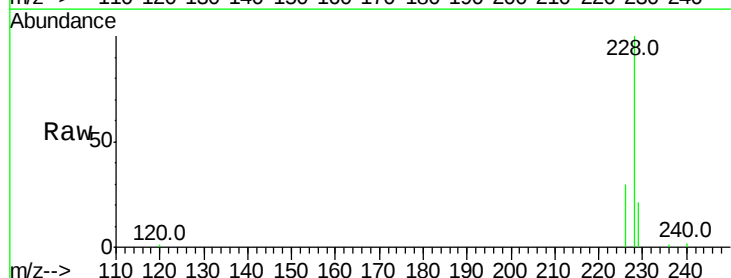
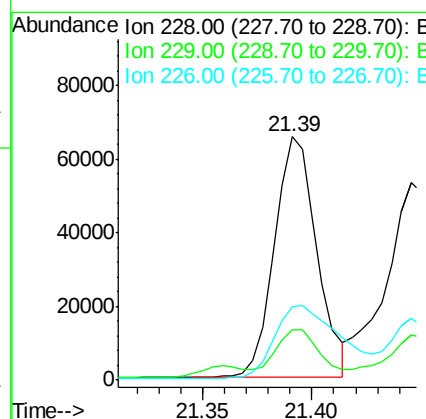
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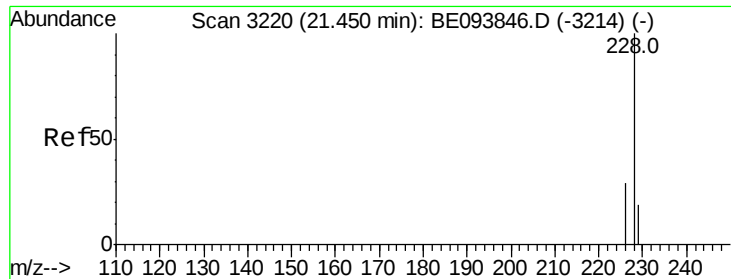
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#18
Benzo(a)anthracene
Concen: 1.673 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093853.D
Acq: 16 Aug 2017 23:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	30.3	17.0	25.6#





#19

Chrysene

Concen: 1.654 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE093853.D

Acq: 16 Aug 2017 23:08

Instrument :

BNA_E

ClientSampleId :

C0AG5DL

Tot Ion:228 Resp: 83670

Ion Ratio Lower Upper

228 100

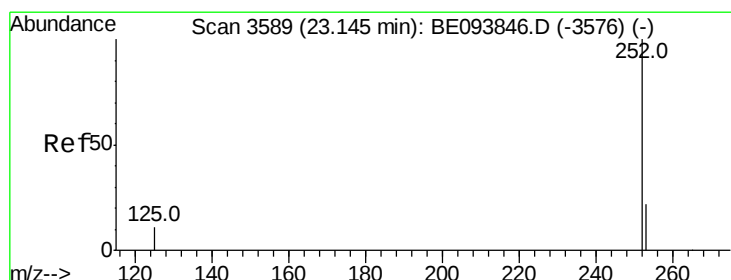
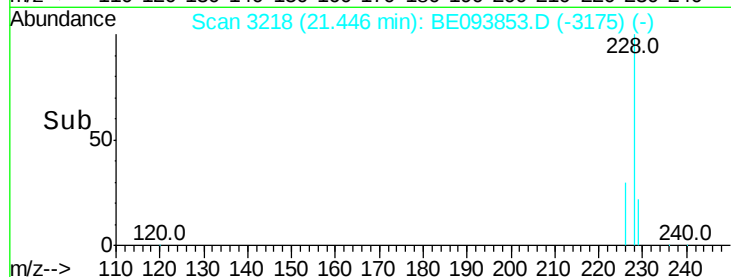
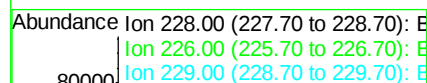
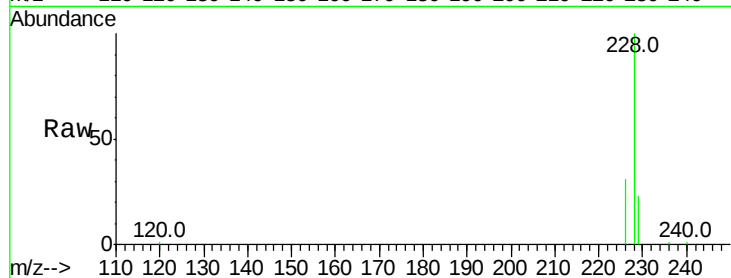
226 31.0 23.4 35.0

229 22.6 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 2.324 ng/ul m

RT: 23.15 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE093853.D

Acq: 16 Aug 2017 23:08

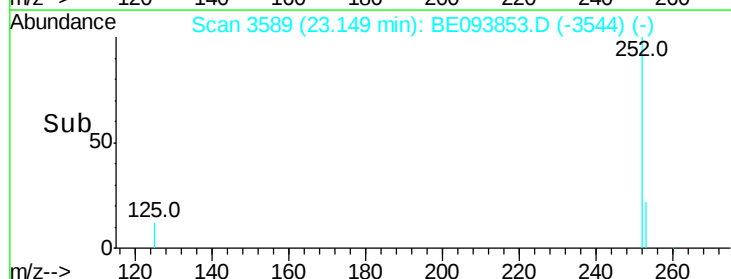
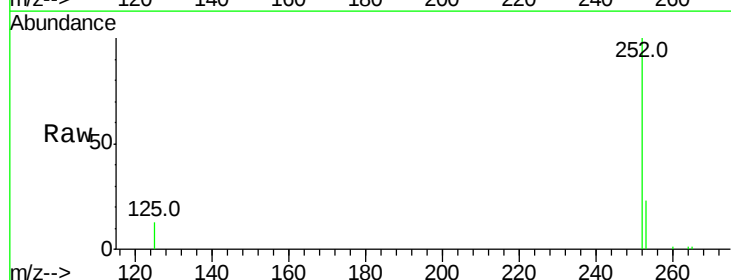
Tgt Ion:252 Resp: 115531

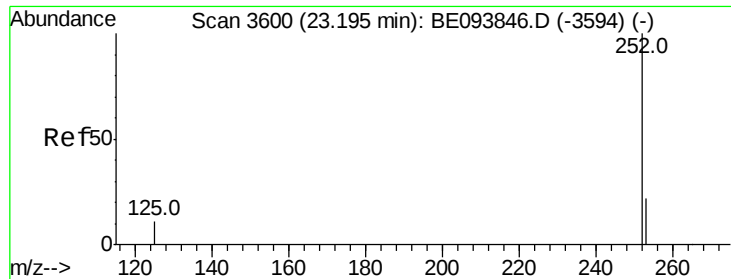
Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

125 13.2 0.0 35.0





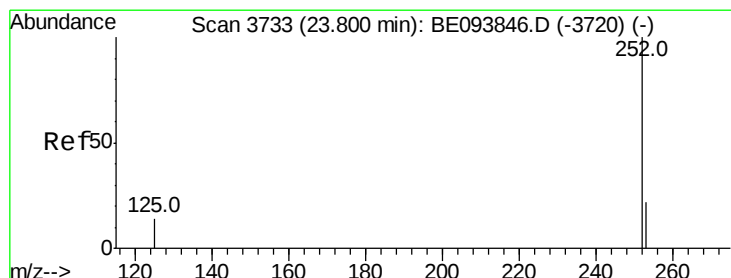
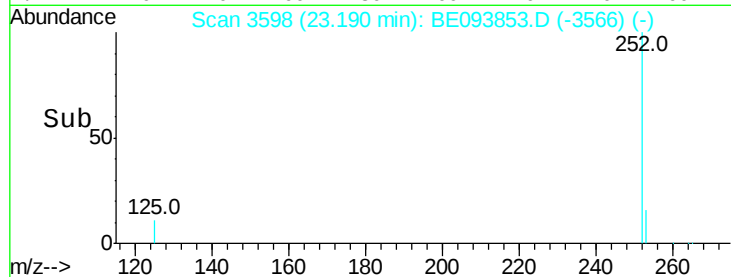
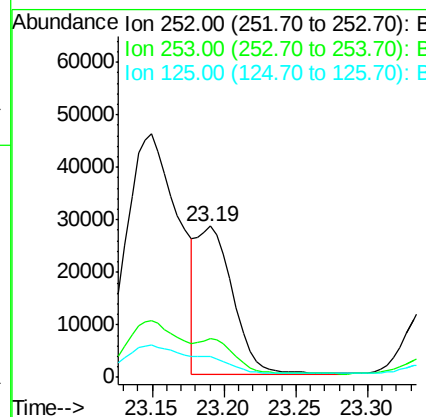
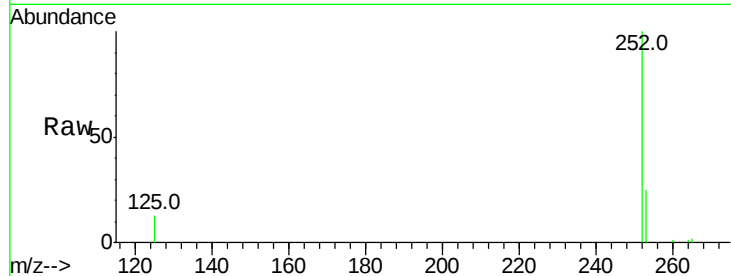
#22
Benzo(k)fluoranthene
Concen: 1.019 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BE093853.D
Acq: 16 Aug 2017 23:08

Instrument :
BNA_E
ClientSampleId :
C0AG5DL

Tot Ion:252 Resp: 49956
Ion Ratio Lower Upper
252 100
253 25.4 24.5 36.7
125 13.5 13.7 20.5#

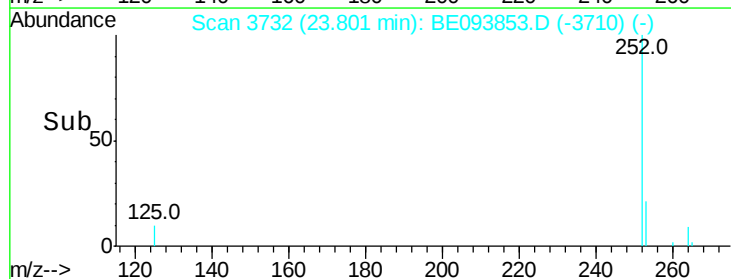
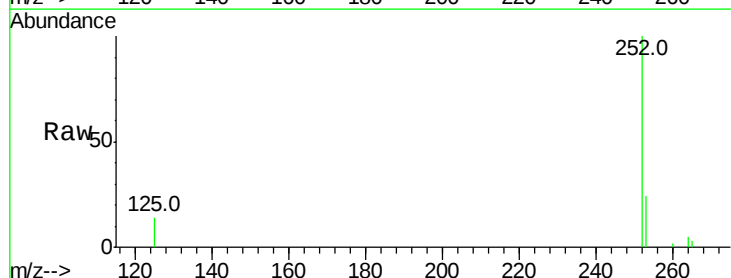
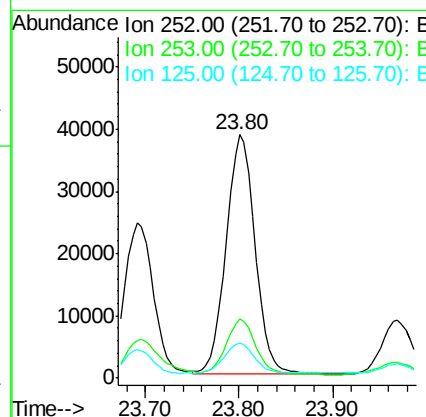
Manual Integrations
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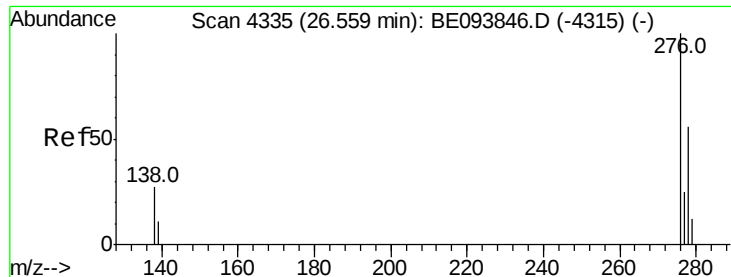
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#23
Benzo(a)pyrene
Concen: 1.743 ng/ul
RT: 23.80 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BE093853.D
Acq: 16 Aug 2017 23:08

Tgt Ion:252 Resp: 82425
Ion Ratio Lower Upper
252 100
253 24.2 28.5 42.7#
125 14.3 18.1 27.1#





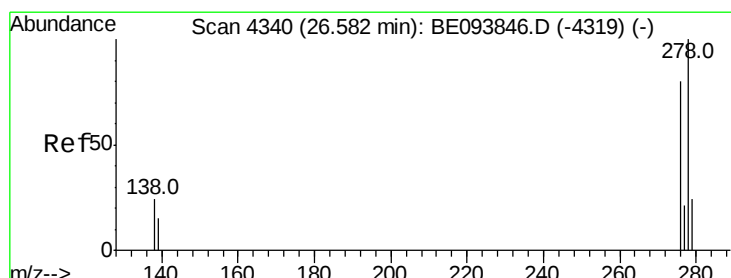
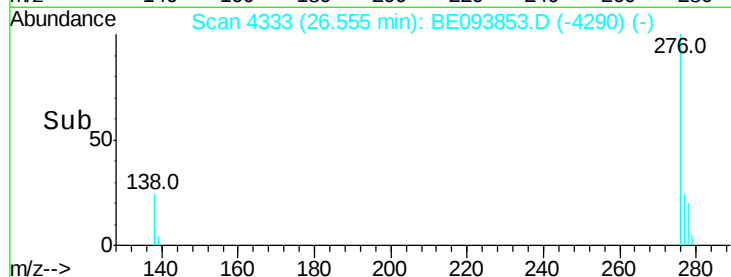
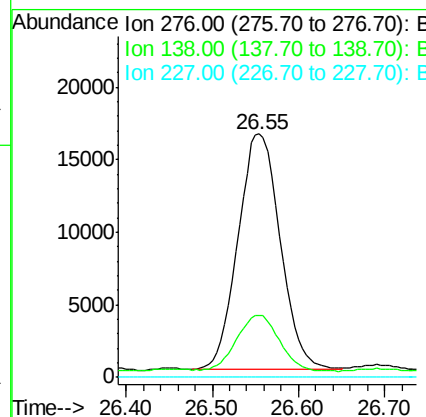
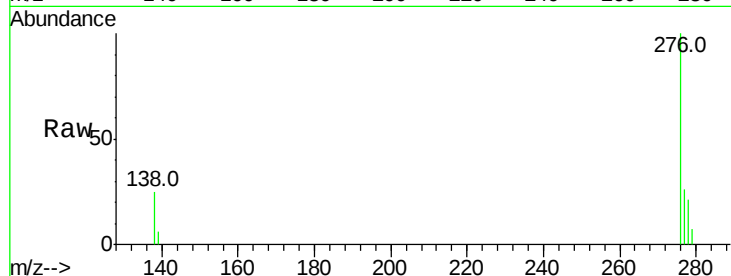
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.054 ng/ul
 RT: 26.55 min Scan# 4335
 Delta R.T. -0.00 min
 Lab File: BE093853.D
 Acq: 16 Aug 2017 23:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AG5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#

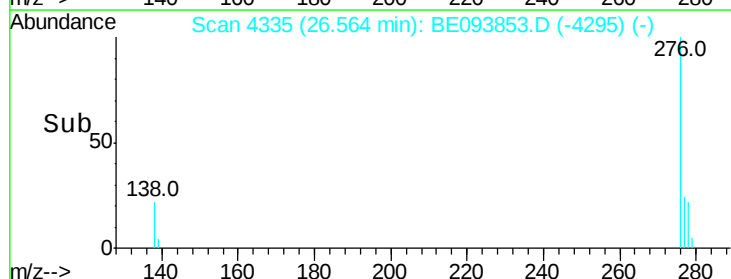
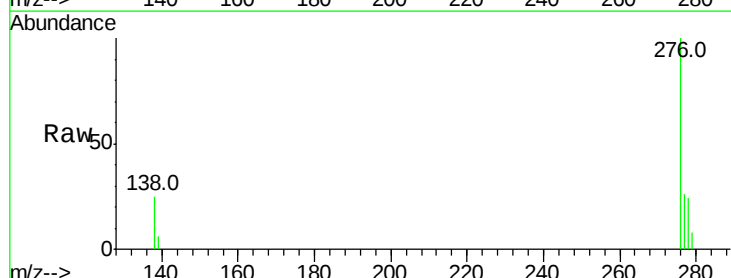
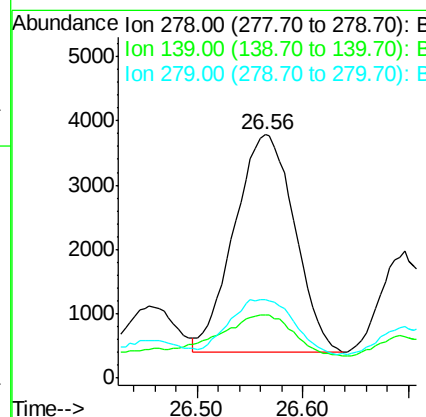
Manual Integrations
 APPROVED

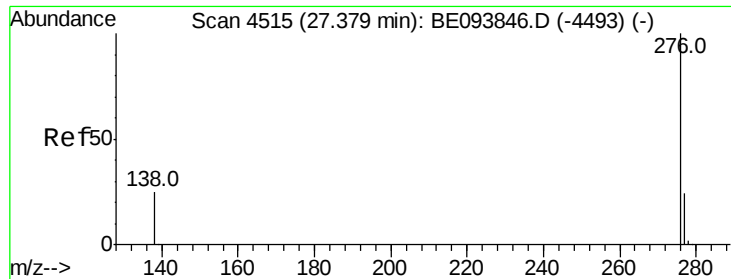
Sohil
 8/17/2017 5:59:48 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.308 ng/ul
 RT: 26.56 min Scan# 4335
 Delta R.T. -0.02 min
 Lab File: BE093853.D
 Acq: 16 Aug 2017 23:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.0	17.4	26.0
279	32.2	25.9	38.9





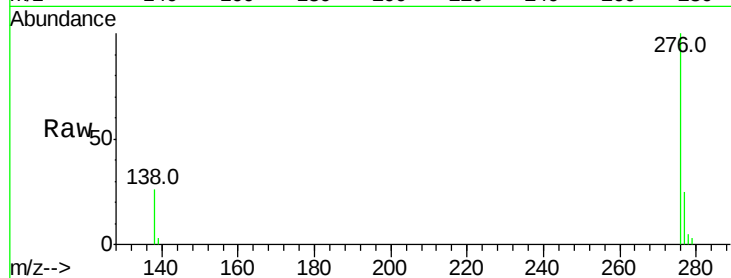
#26
 Benzo(a,h,i)perylene
 Concen: 1.023 ng/ul
 RT: 27.38 min Scan# 4513
 Delta R.T. -0.00 min
 Lab File: BE093853.D
 Acq: 16 Aug 2017 23:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AG5DL

Tot Ion:	276	Resp:	44981
Ion Ratio	Lower	Upper	
276	100		
138	26.3	21.8	32.8
277	25.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:48 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

