

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
 Data File : BE093795.D
 Acq On : 14 Aug 2017 20:06
 Operator : SJ/JU
 Sample : I4557-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Manual Integrations
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Sohil
 8/15/2017 6:43:32 PM

Quant Time: Aug 15 11:04:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 10:51:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2562	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13464	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8948	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18265	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18407	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15761m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	6831	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	18479	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	13318	0.407	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	23191	0.971	ng/ul	99
7) Acenaphthylene	14.24	152	6281	0.168	ng/ul#	73
8) Acenaphthene	14.58	153	9144	0.311	ng/ul	95
9) Fluorene	15.57	166	34993	0.940	ng/ul	91
12) Phenanthrene	17.29	178	112791	2.267	ng/ul#	90
13) Anthracene	17.38	178	35060	0.724	ng/ul#	86
15) Fluoranthene	19.30	202	143957	2.314	ng/ul	83
17) Pyrene	19.67	202	173703	3.233	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	71921	1.348	ng/ul#	91
19) Chrysene	21.45	228	66584	1.301	ng/ul#	90
21) Benzo(b)fluoranthene	23.15	252	68175m	1.398	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	23565m	0.490	ng/ul	
23) Benzo(a)pyrene	23.81	252	53214m	1.147	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	28367m	0.554	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	8048m	0.188	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	23253m	0.539	ng/ul	

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

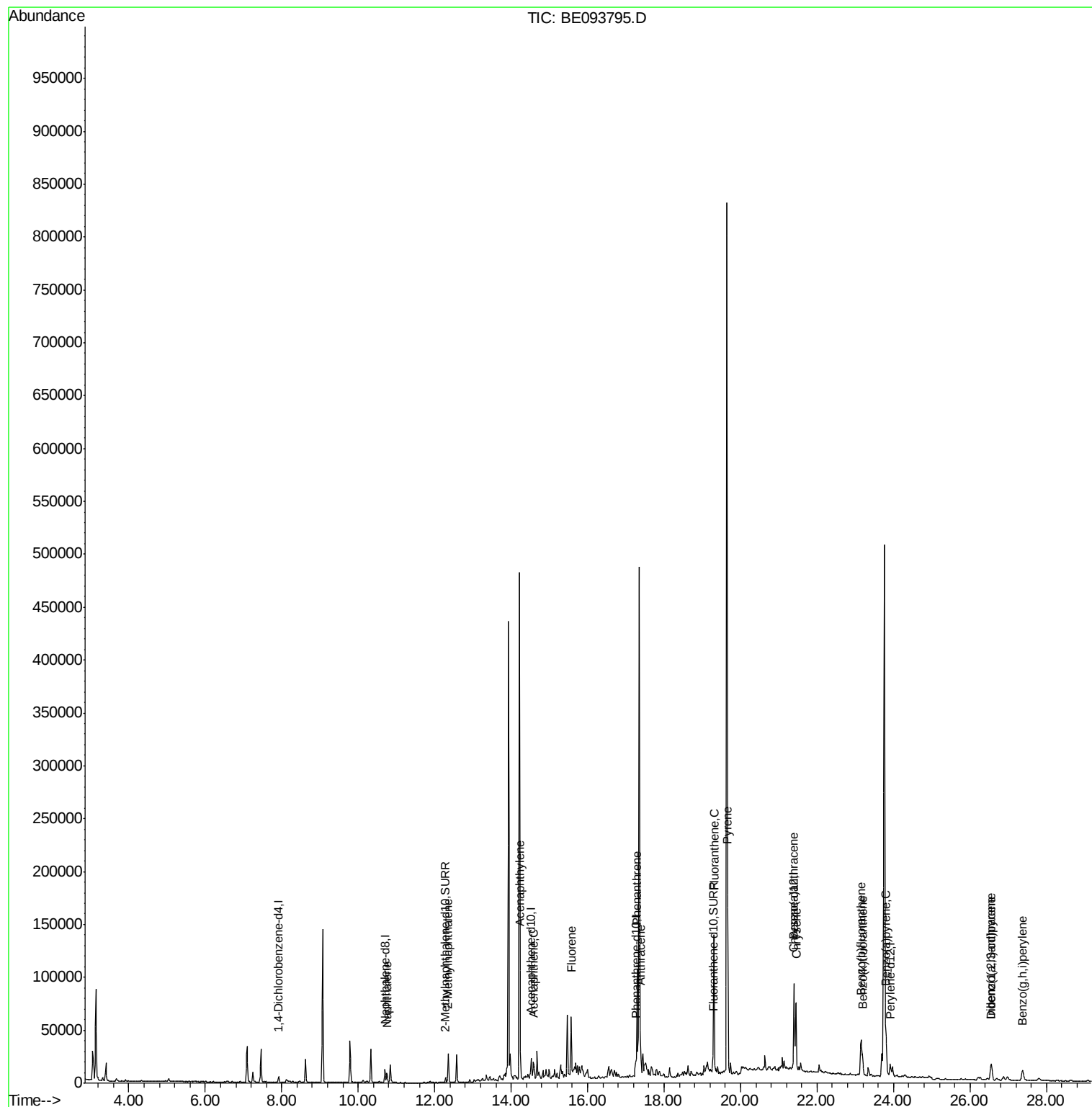
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
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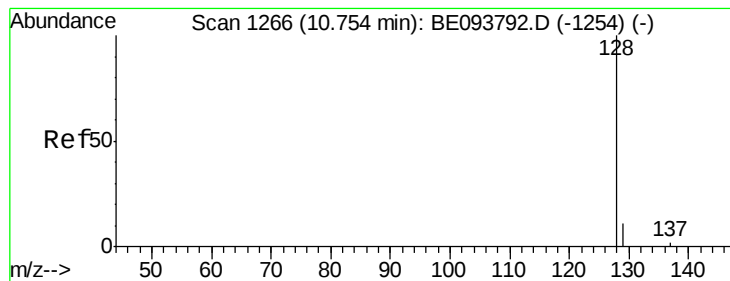
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#3

Naphthalene

Concen: 0.407 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Instrument :

BNA_E

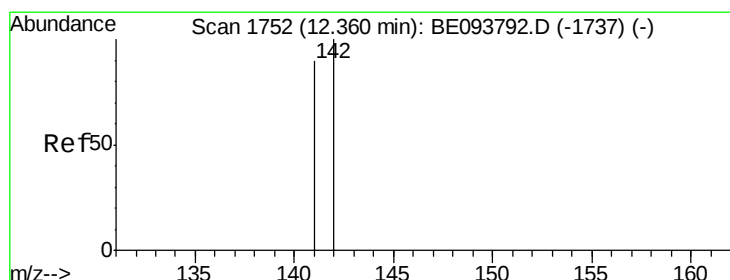
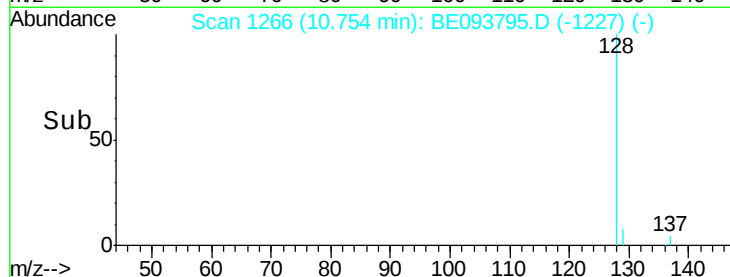
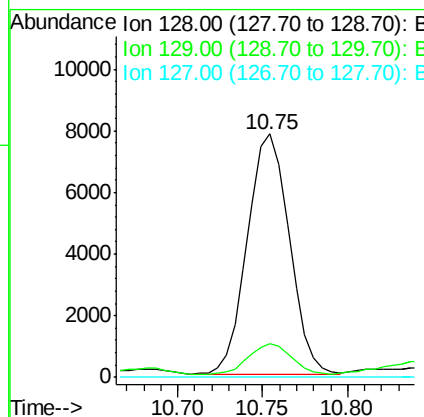
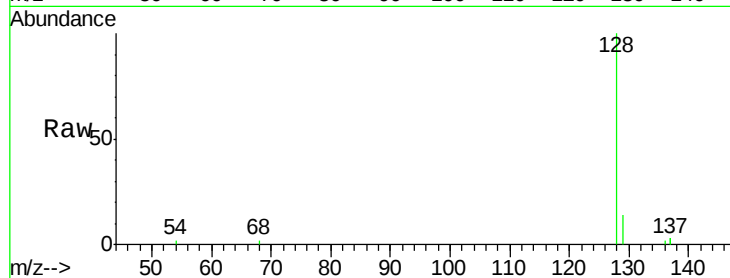
ClientSampled :

C0AC6

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.971 ng/ul

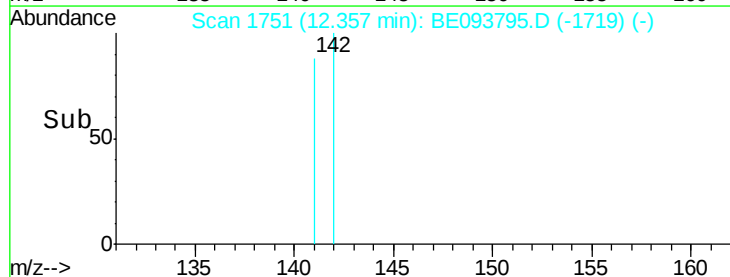
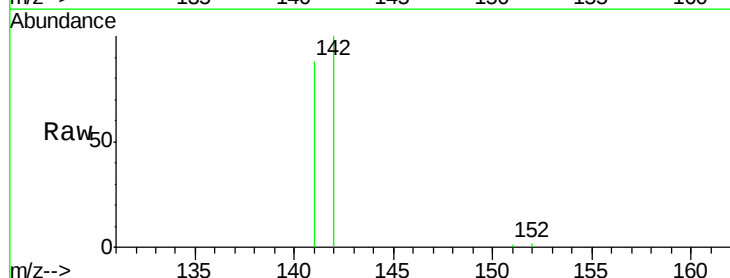
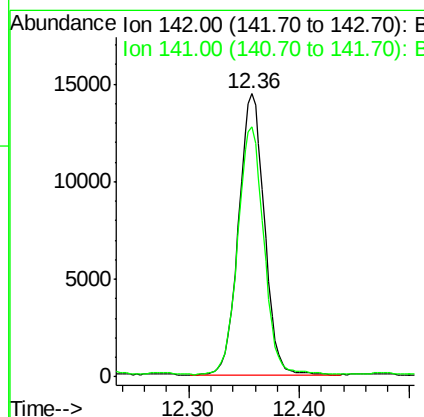
RT: 12.36 min Scan# 1751

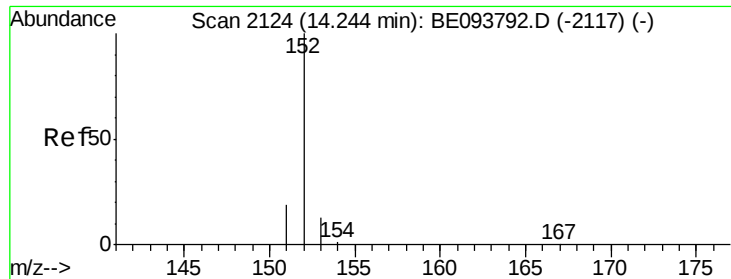
Delta R.T. -0.00 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.168 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Instrument :

BNA_E

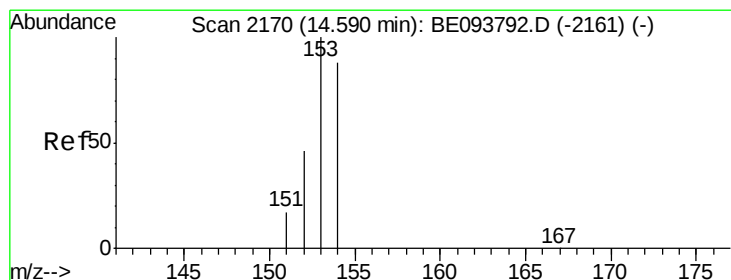
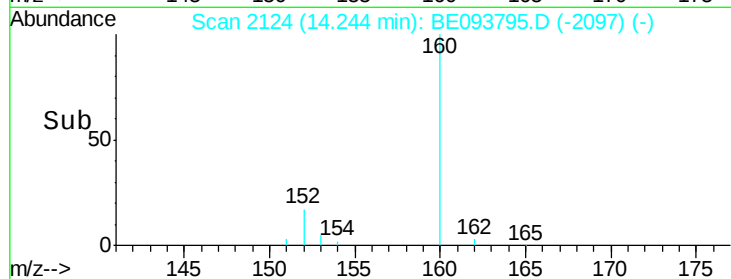
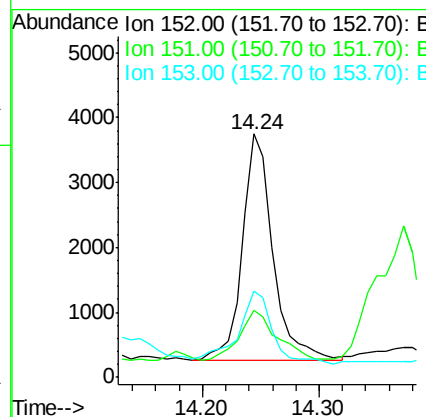
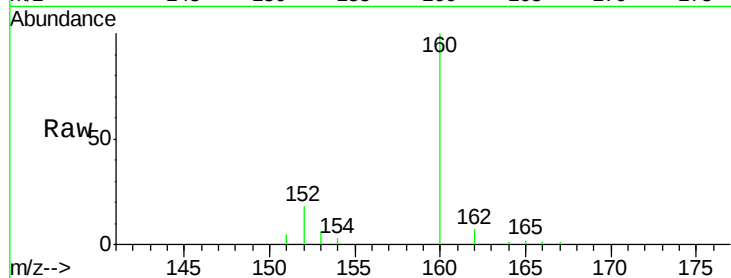
ClientSampled :

C0AC6

Tgt Ion:	152	Resp:	6281
Ion Ratio	Lower	Upper	
152	100		
151	27.5	17.1	25.7#
153	35.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.311 ng/ul

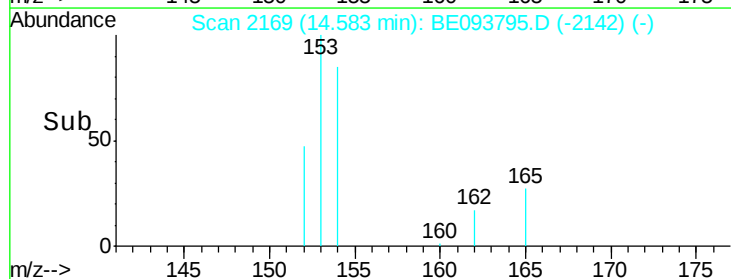
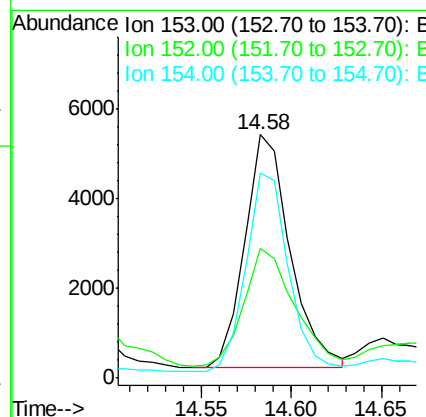
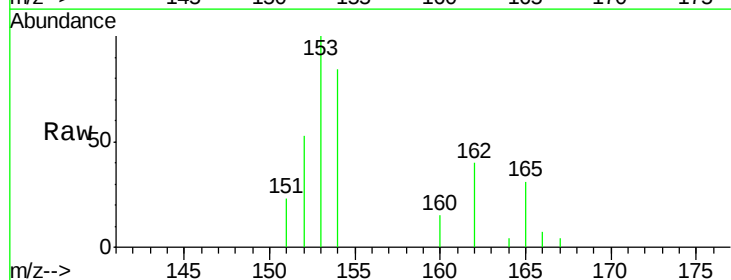
RT: 14.58 min Scan# 2169

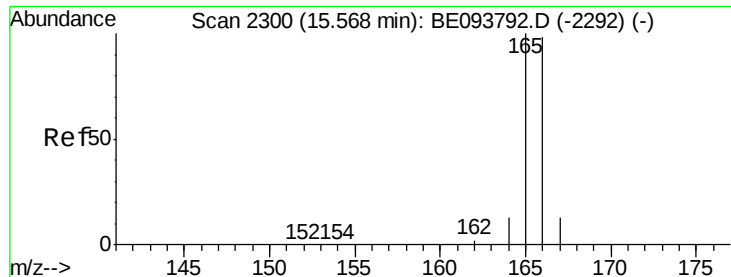
Delta R.T. 0.00 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Tgt Ion:	153	Resp:	9144
Ion Ratio	Lower	Upper	
153	100		
152	53.2	40.3	60.5
154	84.2	71.4	107.2





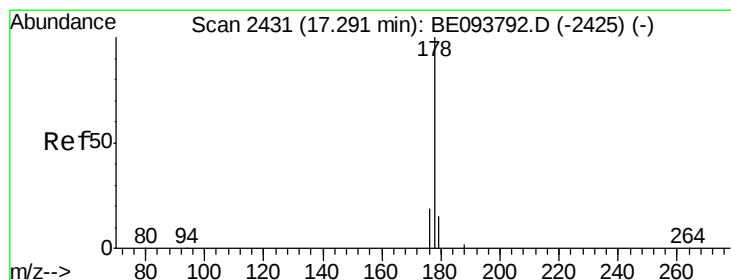
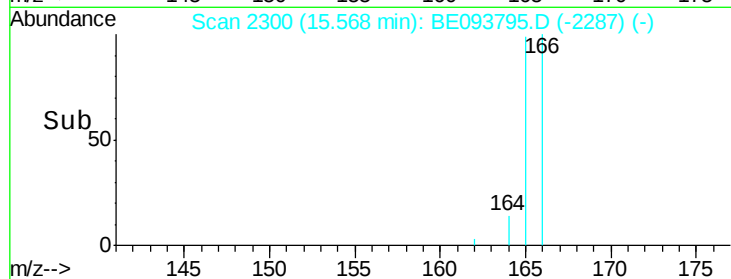
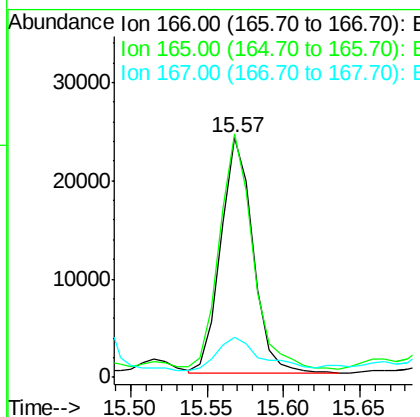
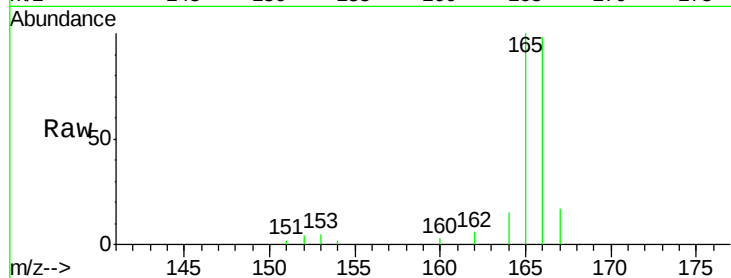
#9
Fluorene
 Concen: 0.940 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BE093795.D
 Acq: 14 Aug 2017 20:06

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.7	73.4	110.2
167	16.9	14.6	22.0

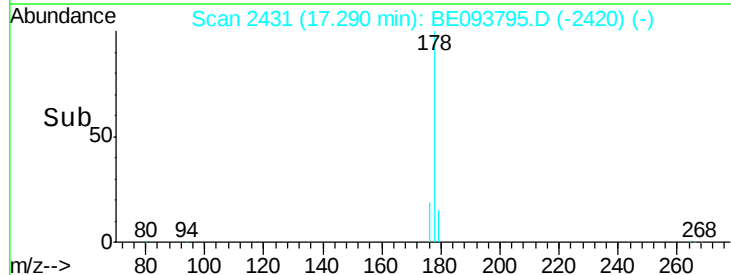
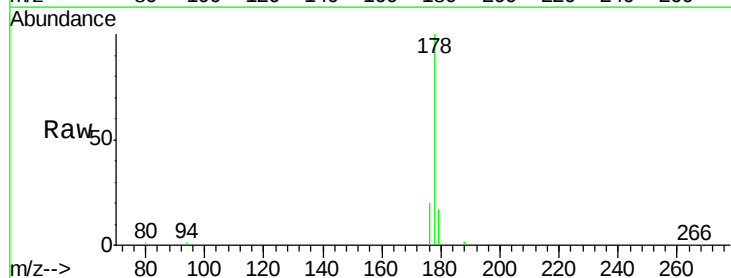
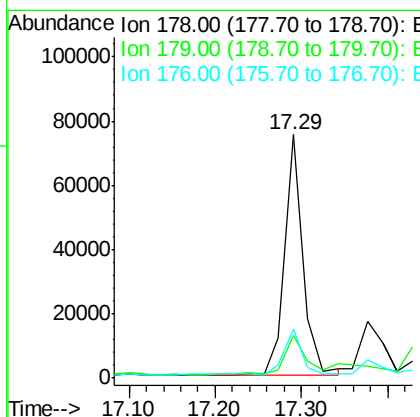
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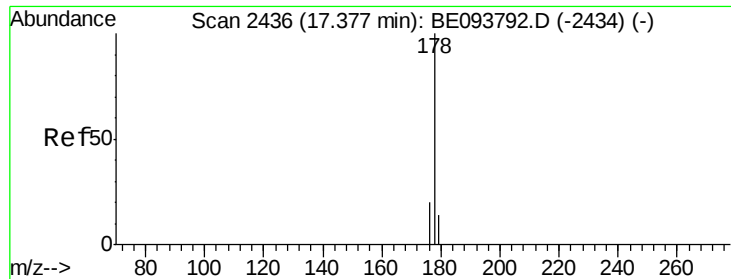
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#12
Phenanthrene
 Concen: 2.267 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE093795.D
 Acq: 14 Aug 2017 20:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.4	27.6#
176	20.3	13.6	20.4





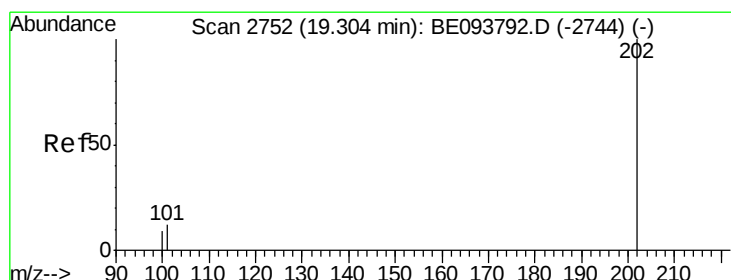
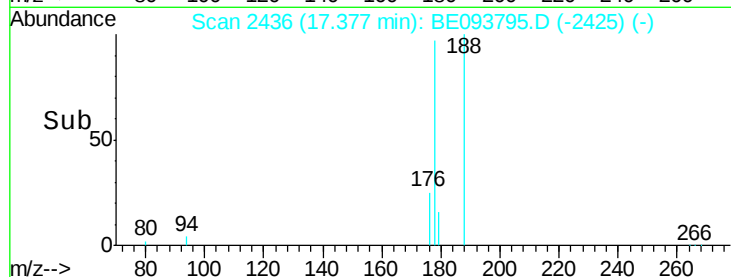
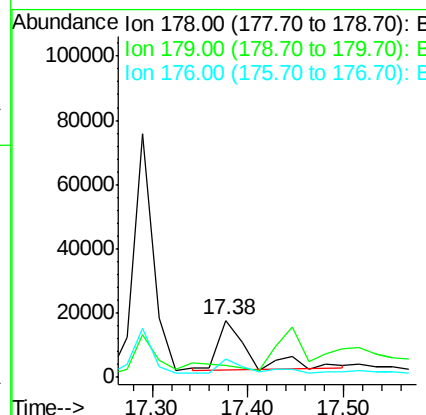
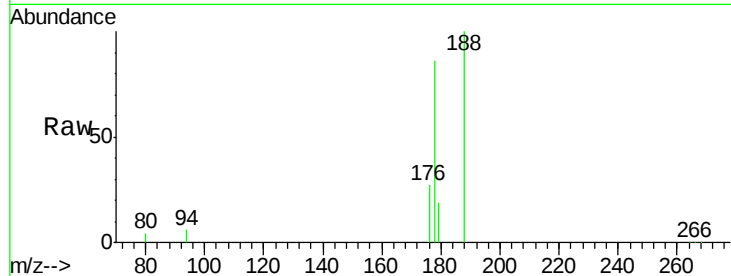
#13
 Anthracene
 Concen: 0.724 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE093795.D
 Acq: 14 Aug 2017 20:06

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Tgt Ion:178 Resp: 35060
 Ion Ratio Lower Upper
 178 100
 179 21.8 18.1 27.1
 176 31.8 14.7 22.1#

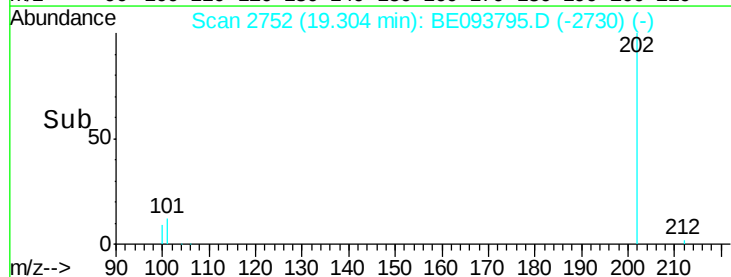
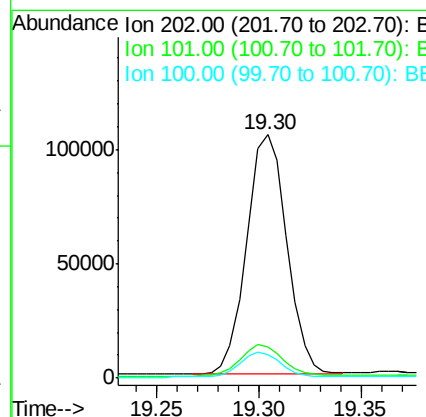
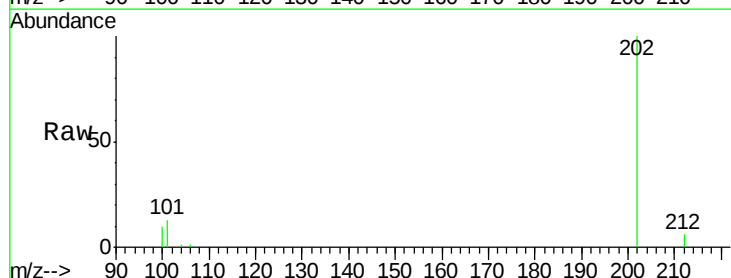
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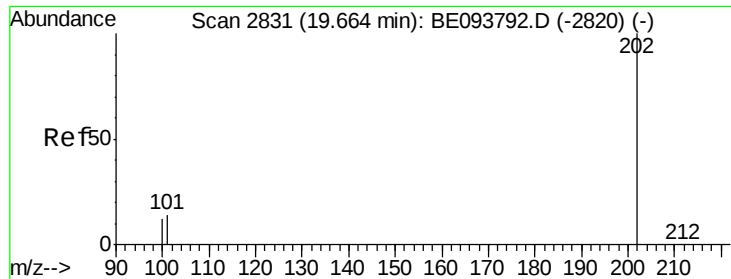
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#15
 Fluoranthene
 Concen: 2.314 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BE093795.D
 Acq: 14 Aug 2017 20:06

Tgt Ion:202 Resp: 143957
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 30.3
 100 9.8 0.0 39.5





#17

Pyrene

Concen: 3.233 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Instrument :

BNA_E

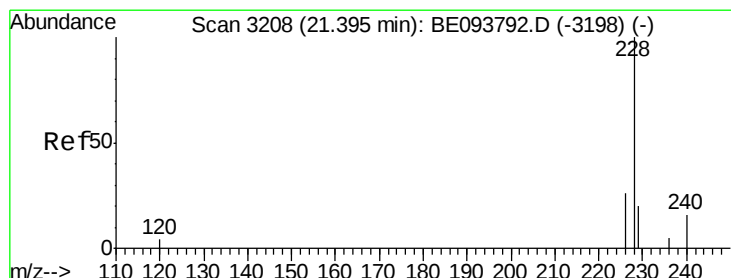
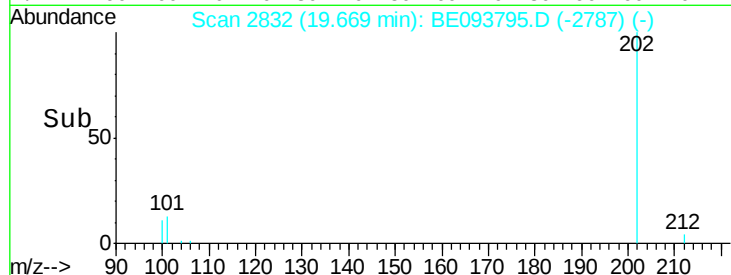
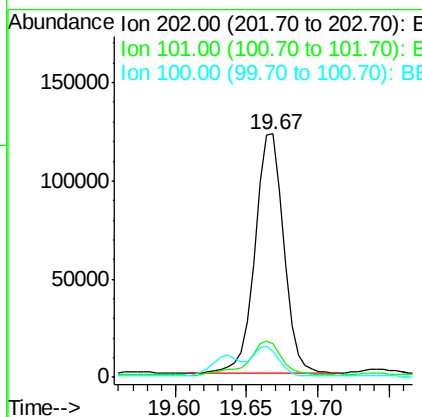
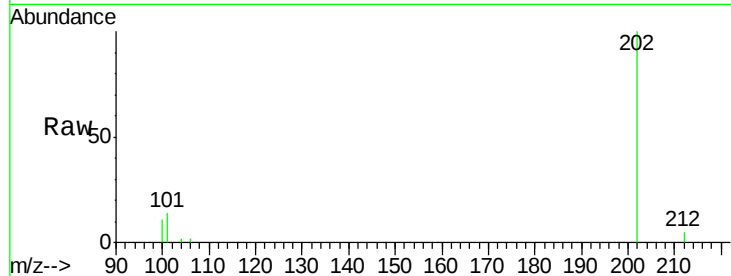
ClientSampleId :

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Tgt Ion:	202	Resp:	173703
Ion Ratio	Lower	Upper	
202	100		
101	13.7	18.2	27.4#
100	10.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.348 ng/ul

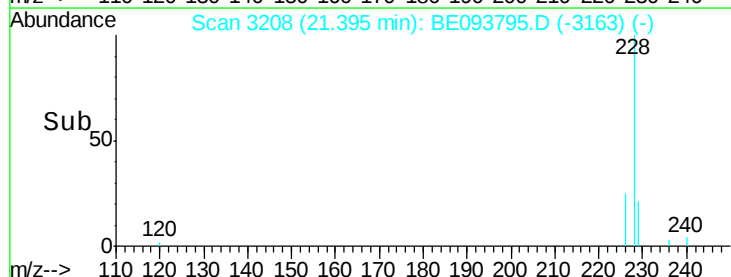
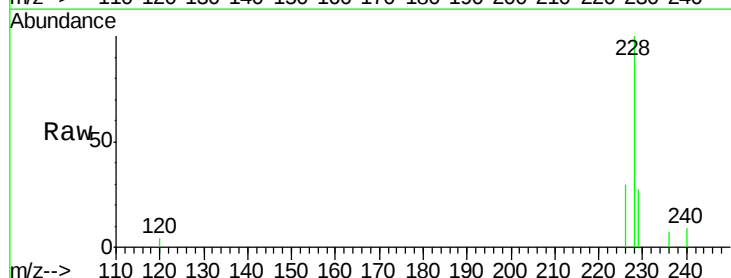
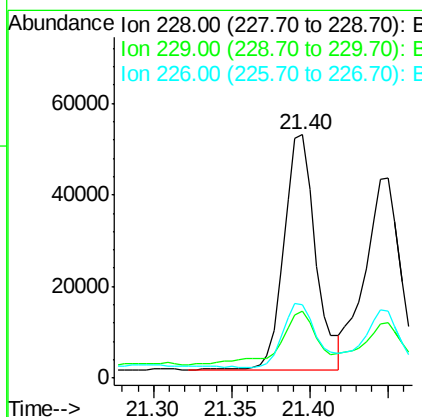
RT: 21.40 min Scan# 3208

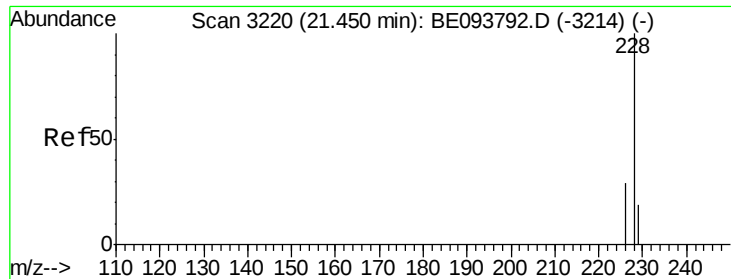
Delta R.T. 0.01 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Tgt Ion:	228	Resp:	71921
Ion Ratio	Lower	Upper	
228	100		
229	27.4	22.8	34.2
226	30.3	17.0	25.6#





#19

Chrysene

Concen: 1.301 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Instrument :

BNA_E

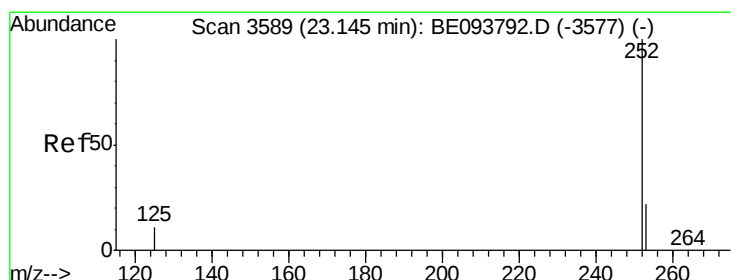
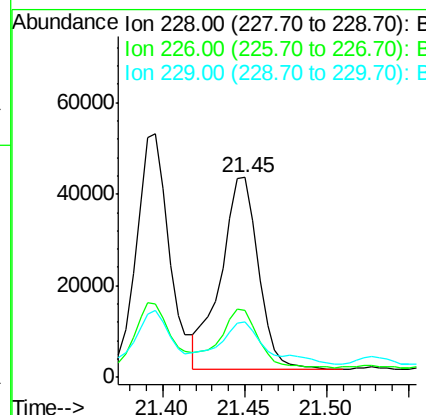
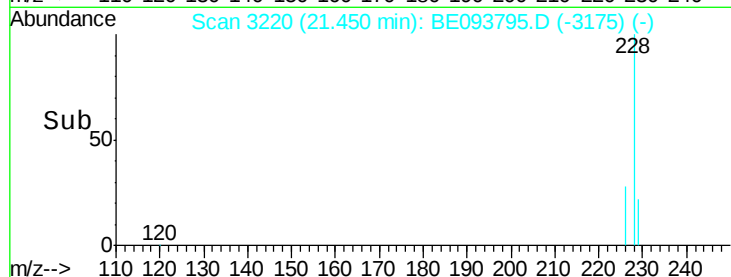
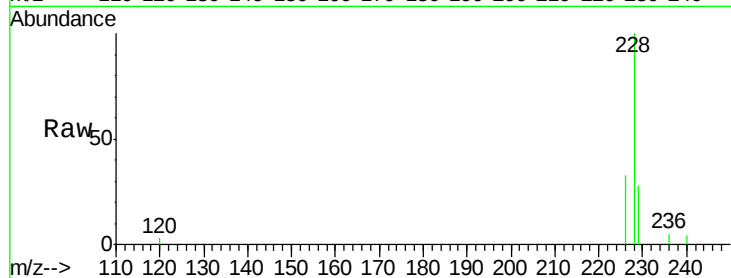
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Tgt Ion:	228	Resp:	66584
Ion Ratio	Lower	Upper	
228	100		
226	33.4	23.4	35.0
229	27.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.398 ng/ul m

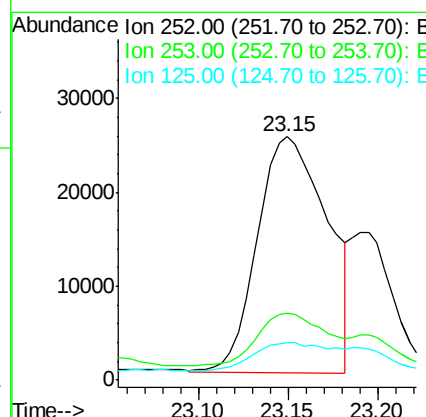
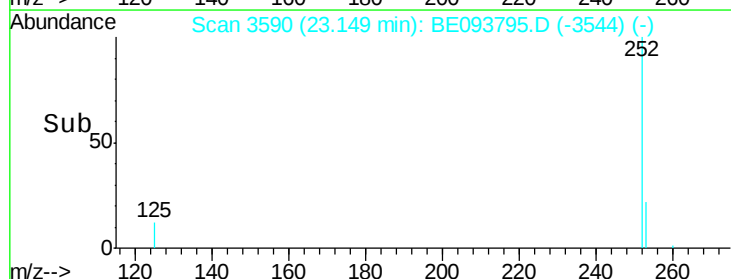
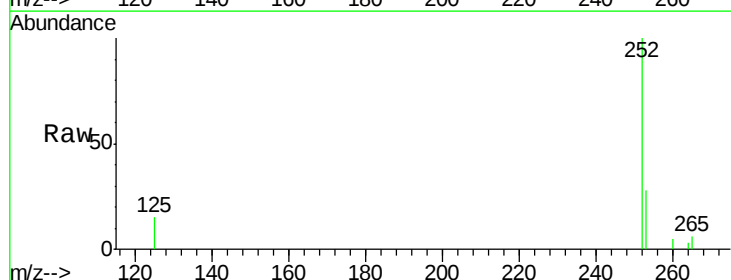
RT: 23.15 min Scan# 3590

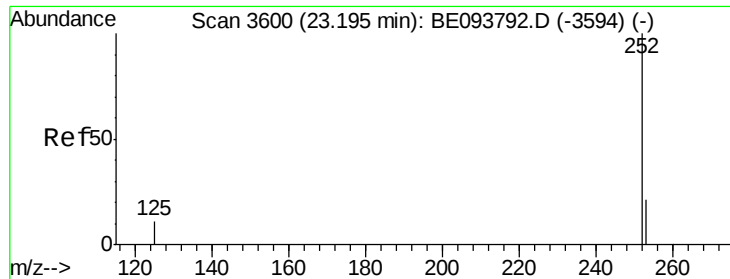
Delta R.T. 0.01 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Tgt Ion:	252	Resp:	68175
Ion Ratio	Lower	Upper	
252	100		
253	27.6	0.0	64.2
125	15.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.490 ng/ul m

RT: 23.19 min Scan# 3600

Delta R.T. 0.01 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Instrument :

BNA_E

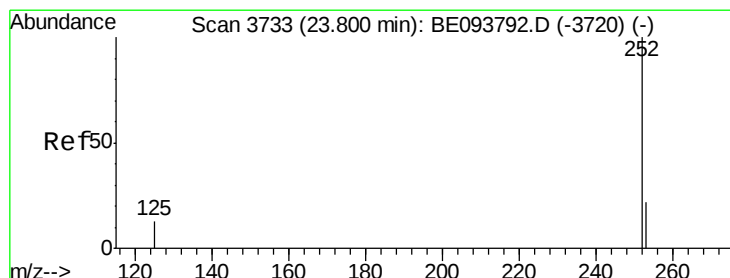
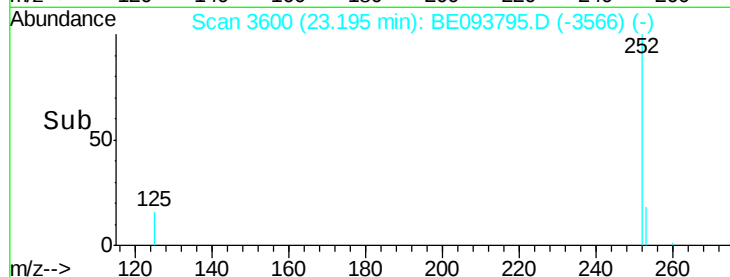
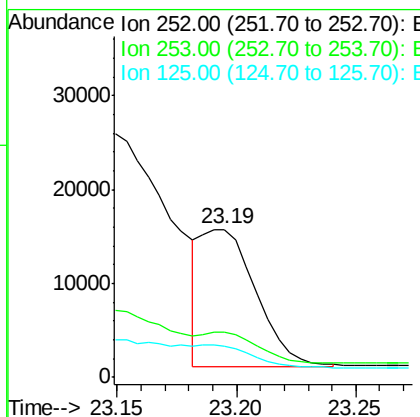
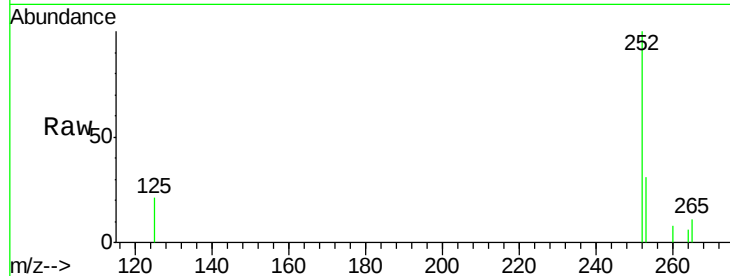
ClientSampleId :

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Tgt Ion:	252	Resp:	23565
Ion Ratio	Lower	Upper	
252	100		
253	30.6	24.5	36.7
125	21.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.147 ng/ul m

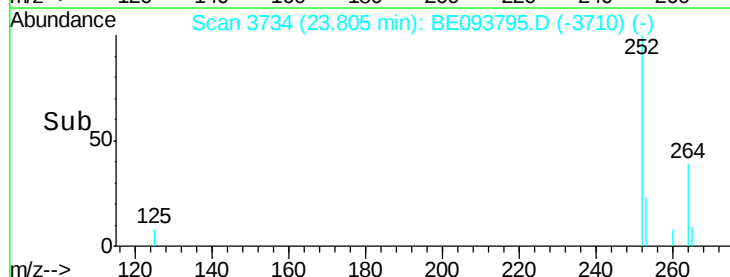
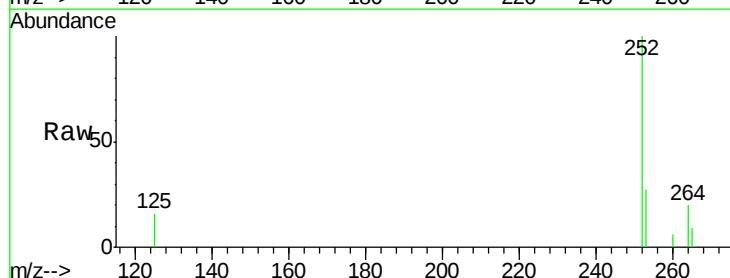
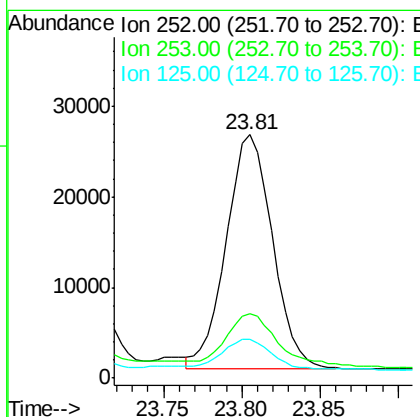
RT: 23.81 min Scan# 3734

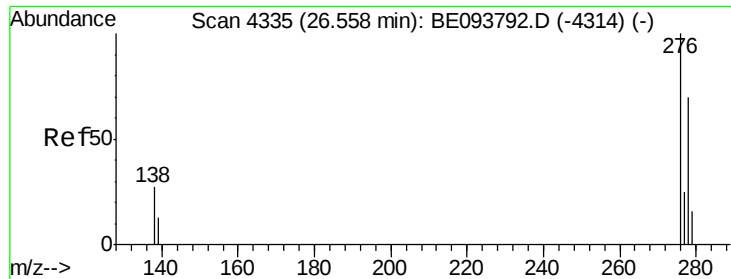
Delta R.T. 0.01 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Tgt Ion:	252	Resp:	53214
Ion Ratio	Lower	Upper	
252	100		
253	26.6	28.5	42.7#
125	15.9	18.1	27.1#





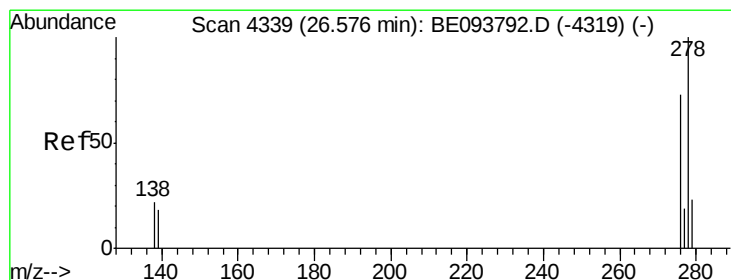
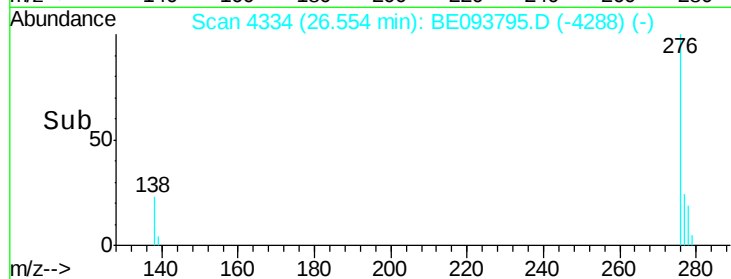
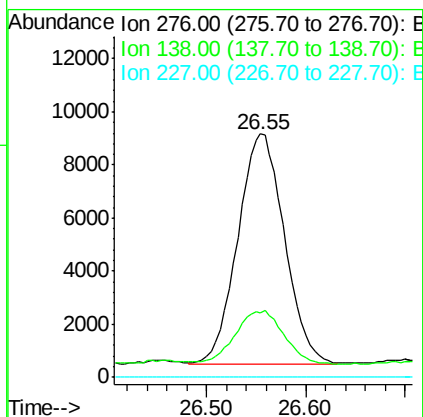
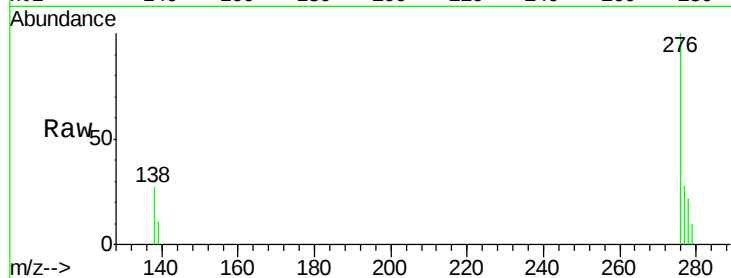
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.554 ng/ul m
 RT: 26.55 min Scan# 4334
 Delta R.T. 0.01 min
 Lab File: BE093795.D
 Acq: 14 Aug 2017 20:06

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	1.1	28.0	42.0#
227	0.0	8.0	12.0#

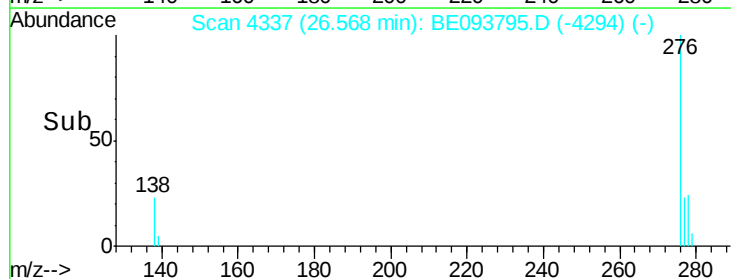
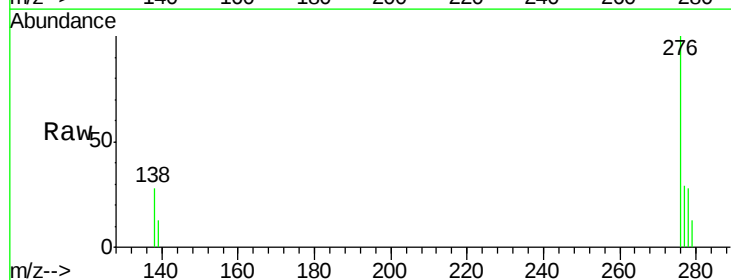
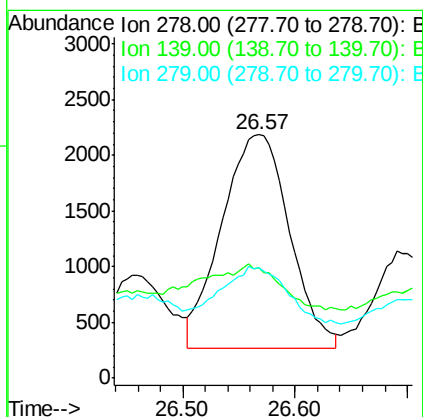
Manual Integrations
 APPROVED

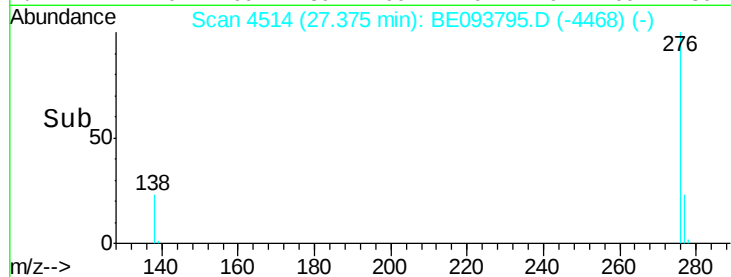
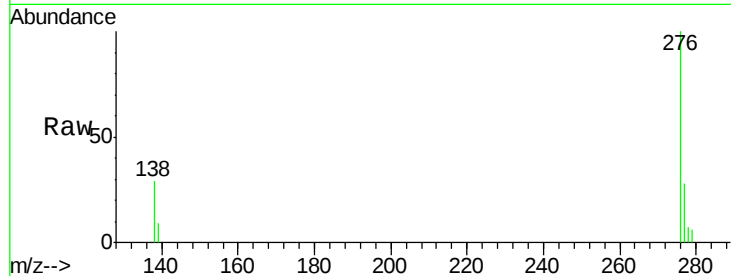
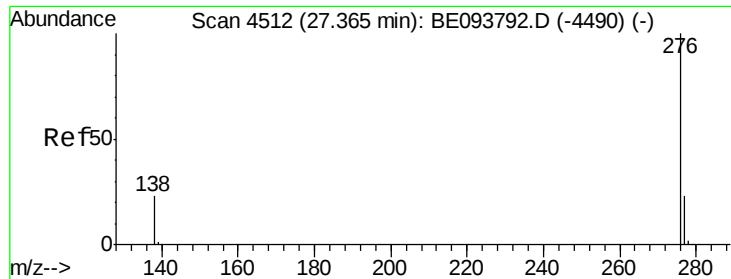
Sohil
 8/15/2017 6:43:32 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.188 ng/ul m
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.01 min
 Lab File: BE093795.D
 Acq: 14 Aug 2017 20:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	45.5	17.4	26.0#
279	45.5	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.539 ng/ul m

RT: 27.37 min Scan# 4514

Delta R.T. 0.01 min

Lab File: BE093795.D

Acq: 14 Aug 2017 20:06

Instrument :

BNA_E

ClientSampleId :

C0AC6

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	28.7	21.8	32.8	
277	28.1	20.5	30.7	

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:32 PM

