

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080417\
 Data File : BE093669.D
 Acq On : 4 Aug 2017 13:54
 Operator : SJ/JU
 Sample : I4373-09DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA6

Manual Integrations
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Sohil
 8/4/2017 5:28:13 PM

Quant Time: Aug 04 17:03:24 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:09:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2956	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15285	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9396	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21744	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23139	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	23785	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2065	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	6795	0.10	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	1461	0.039	ng/ul#	89
5) 2-Methylnaphthalene	12.36	142	1331	0.049	ng/ul	98
8) Acenaphthene	14.59	153	1024	0.033	ng/ul	97
9) Fluorene	15.57	166	1185	0.030	ng/ul	92
12) Phenanthrene	17.29	178	38363	0.648	ng/ul#	88
13) Anthracene	17.38	178	8654	0.150	ng/ul#	90
15) Fluoranthene	19.30	202	72203	0.975	ng/ul	84
17) Pyrene	19.66	202	64501	0.955	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	39026	0.582	ng/ul#	87
19) Chrysene	21.45	228	38235	0.594	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	56253m	0.765	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	19933m	0.275	ng/ul	
23) Benzo(a)pyrene	23.80	252	41617m	0.595	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	26327	0.341	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.56	278	6721	0.104	ng/ul#	91
26) Benzo(g,h,i)perylene	27.36	276	25239	0.388	ng/ul	98

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

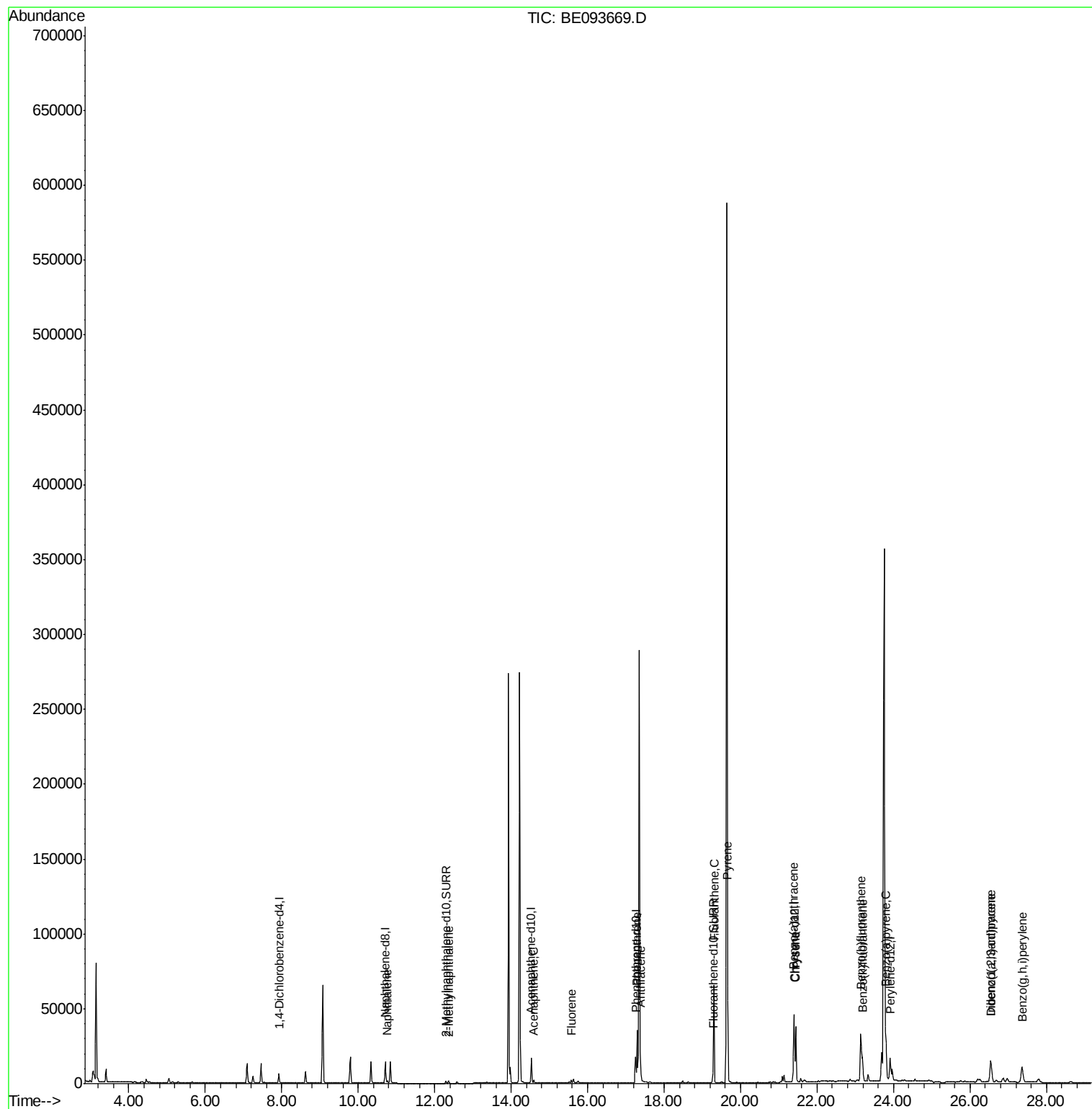
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080417\
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ALS Vial : 9 Sample Multiplier: 1

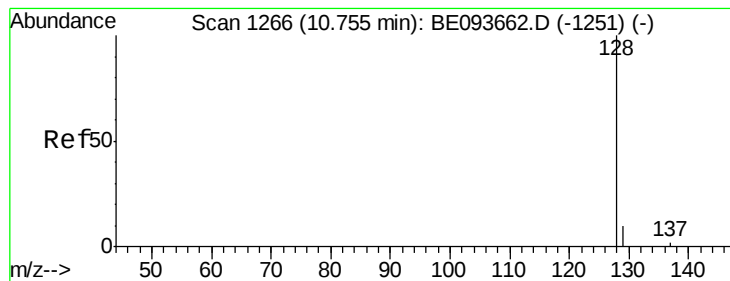
Instrument :
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#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093669.D

Acq: 4 Aug 2017 13:54

Instrument :

BNA_E

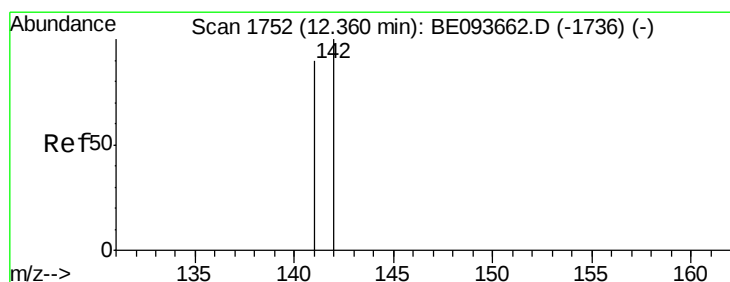
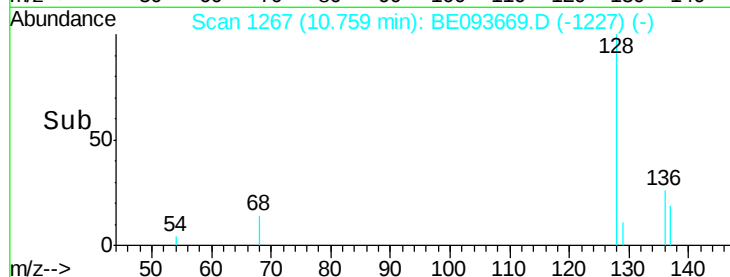
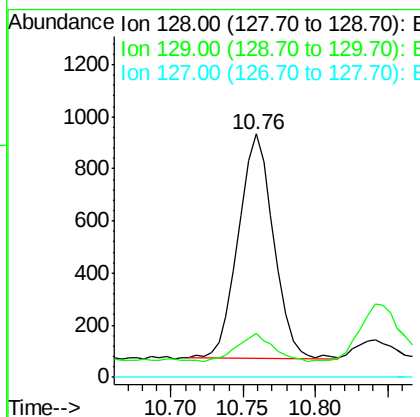
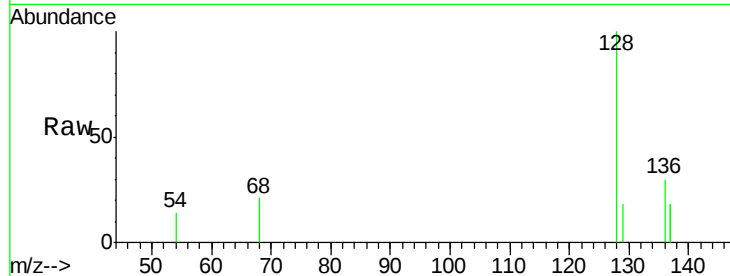
ClientSampleId :

C0AA6

Tgt Ion:	128	Resp:	1461
Ion Ratio	Lower	Upper	
128	100		
129	17.9	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.049 ng/ul

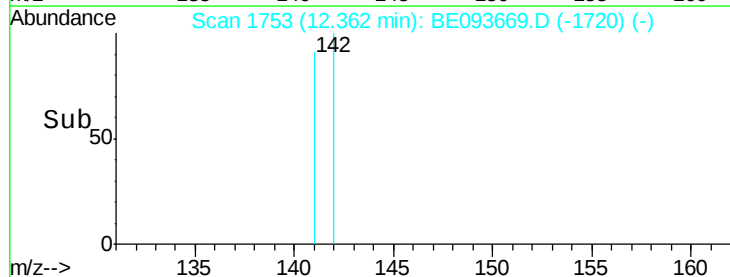
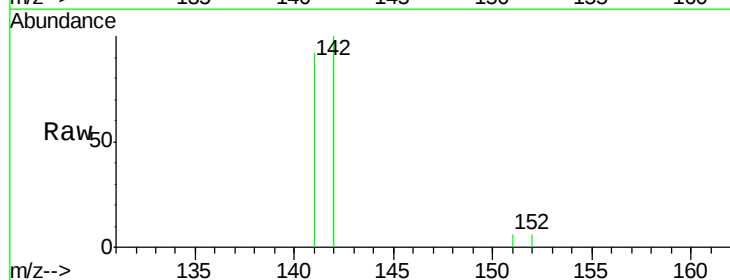
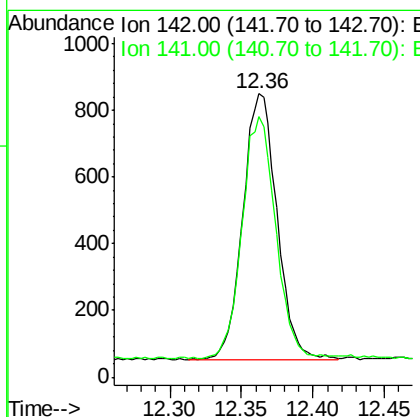
RT: 12.36 min Scan# 1753

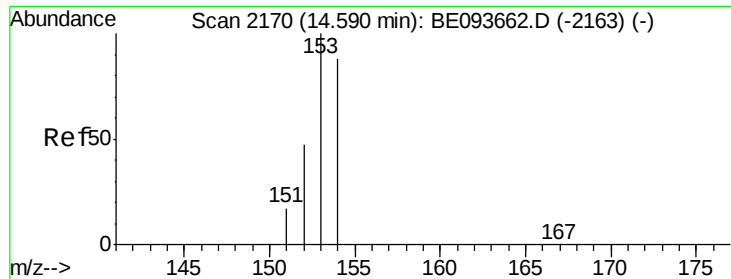
Delta R.T. 0.00 min

Lab File: BE093669.D

Acq: 4 Aug 2017 13:54

Tgt Ion:	142	Resp:	1331
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.6	108.8





#8

Acenaphthene

Concen: 0.033 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE093669.D

Acq: 4 Aug 2017 13:54

Instrument :

BNA_E

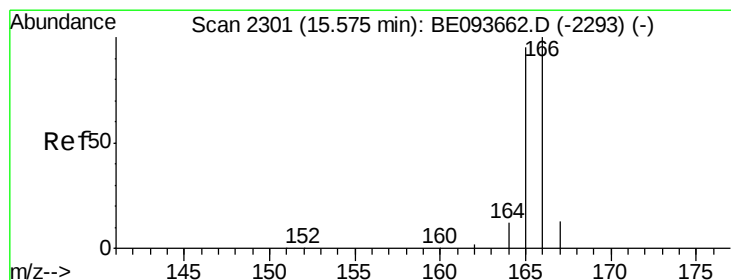
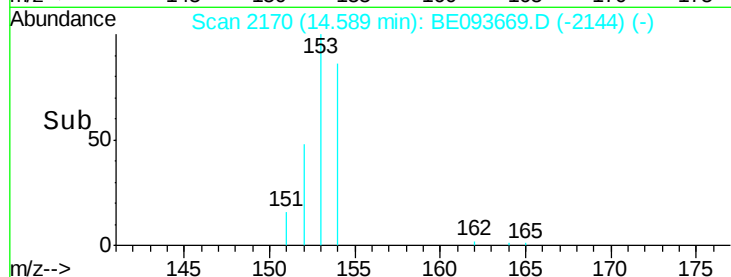
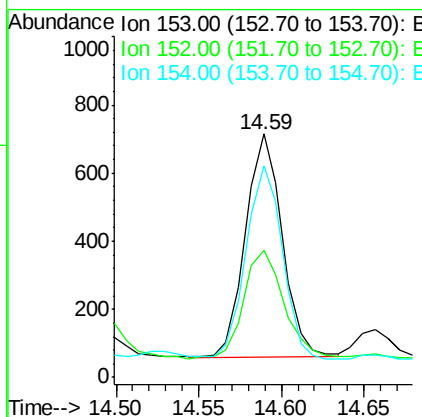
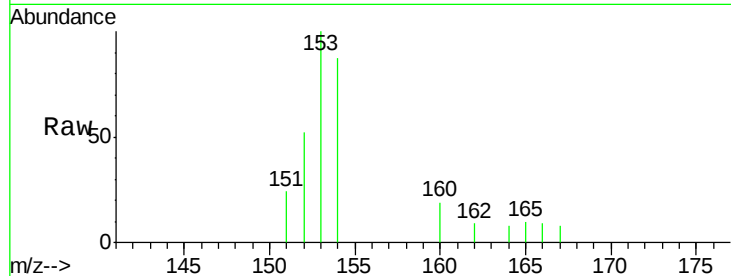
ClientSampleId :

C0AA6

Tgt Ion:	153	Resp:	1024
Ion	Ratio	Lower	Upper
153	100		
152	52.0	40.3	60.5
154	86.7	71.4	107.2

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#9

Fluorene

Concen: 0.030 ng/ul

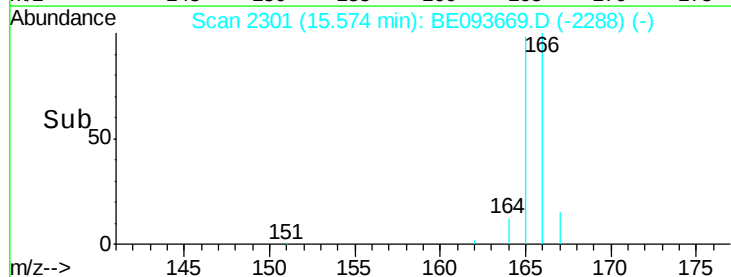
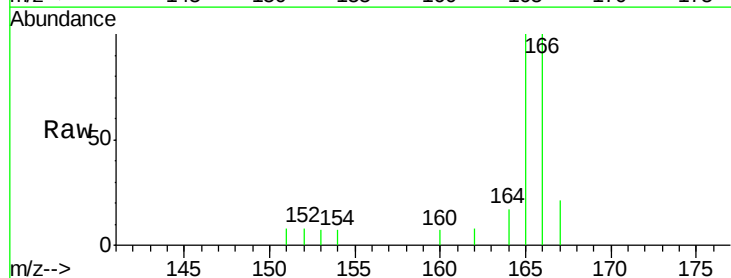
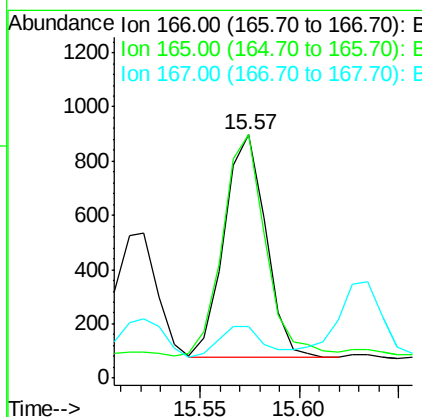
RT: 15.57 min Scan# 2301

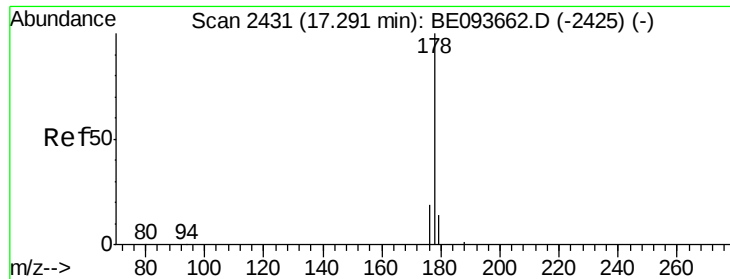
Delta R.T. -0.00 min

Lab File: BE093669.D

Acq: 4 Aug 2017 13:54

Tgt Ion:	166	Resp:	1185
Ion	Ratio	Lower	Upper
166	100		
165	99.9	73.4	110.2
167	21.2	14.6	22.0





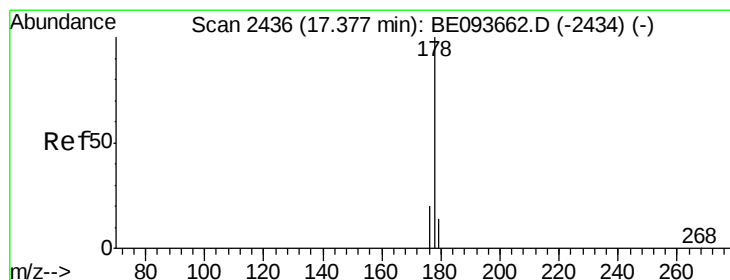
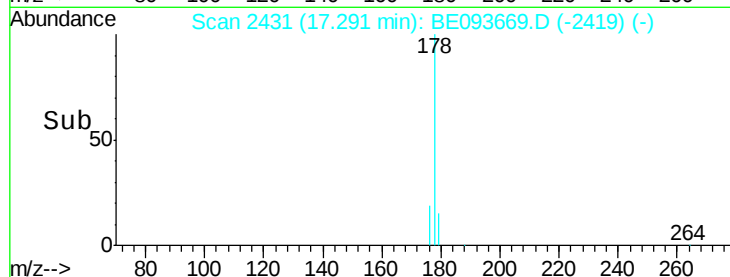
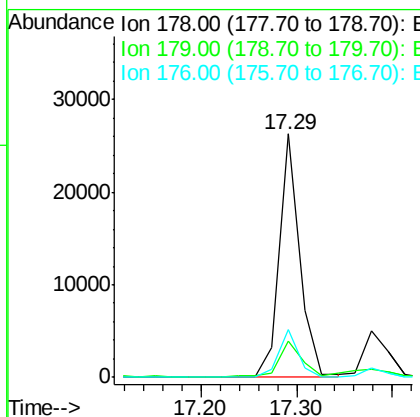
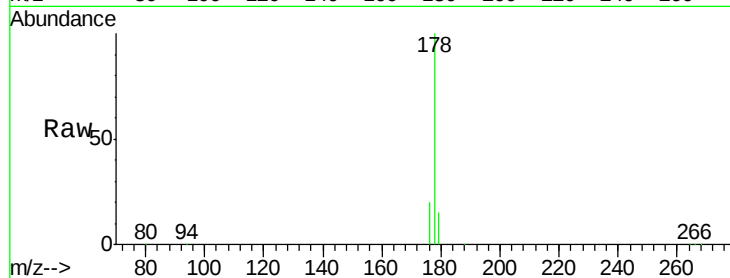
#12
Phenanthrene
Concen: 0.648 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093669.D
Acq: 4 Aug 2017 13:54

Instrument :
BNA_E
ClientSampleId :
C0AA6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	19.6	13.6	20.4

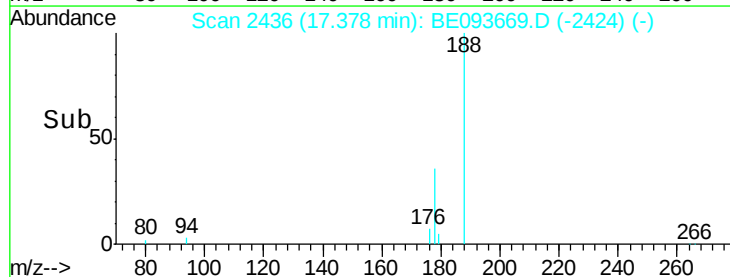
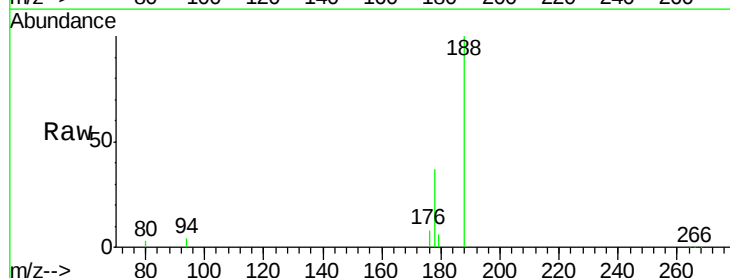
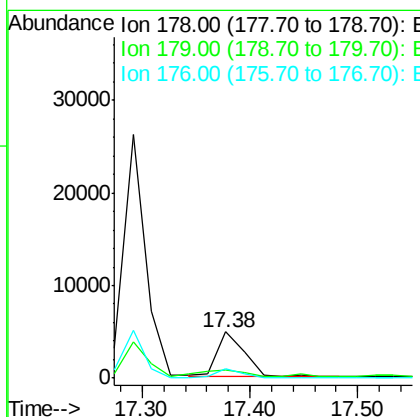
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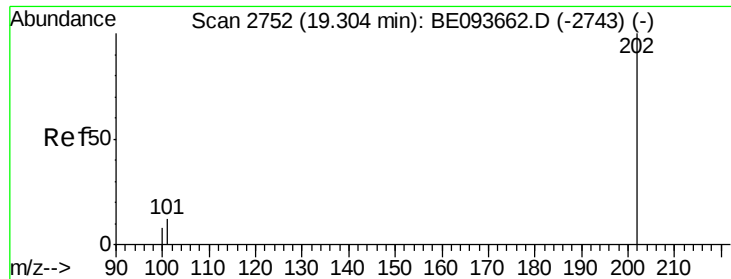
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#13
Anthracene
Concen: 0.150 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE093669.D
Acq: 4 Aug 2017 13:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.1	27.1#
176	21.1	14.7	22.1





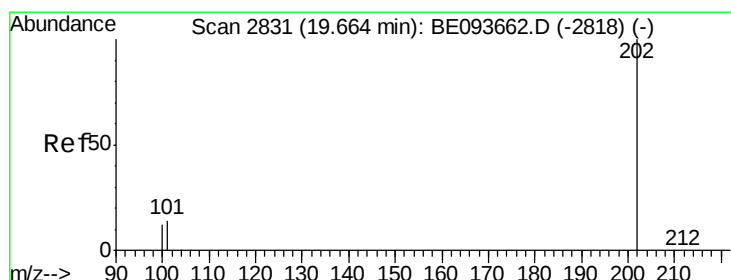
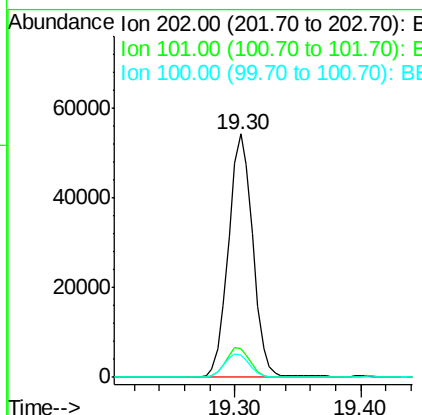
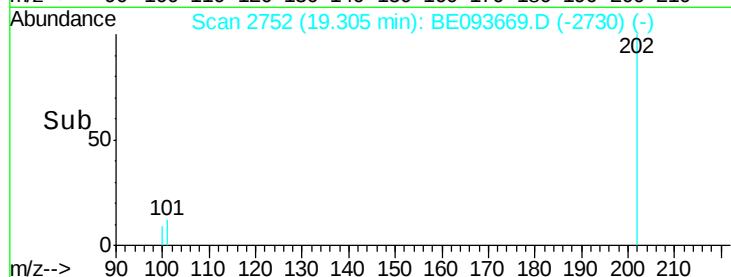
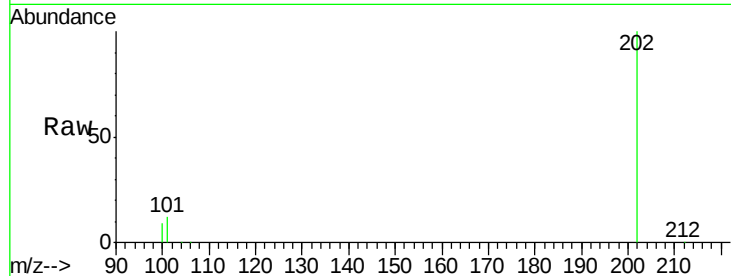
#15
Fluoranthene
Concen: 0.975 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BE093669.D
Acq: 4 Aug 2017 13:54

Instrument :
BNA_E
ClientSampleId :
C0AA6

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

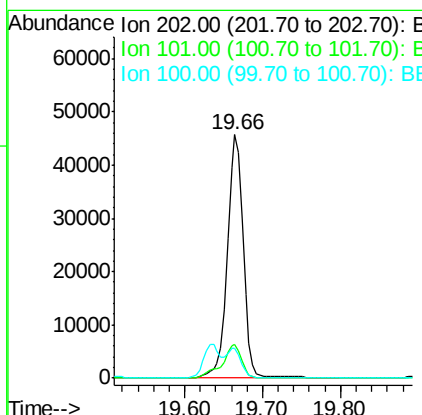
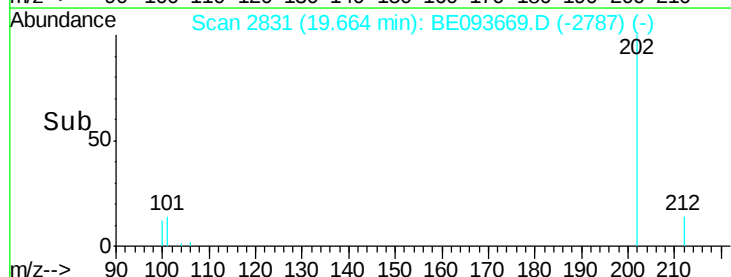
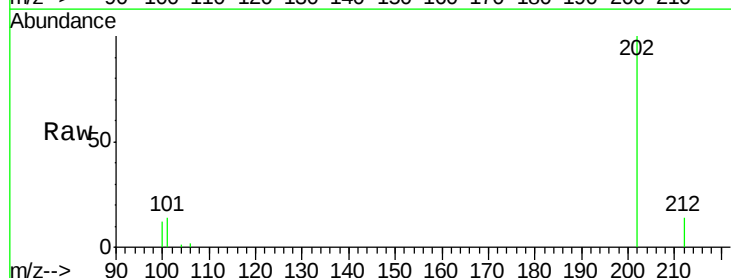
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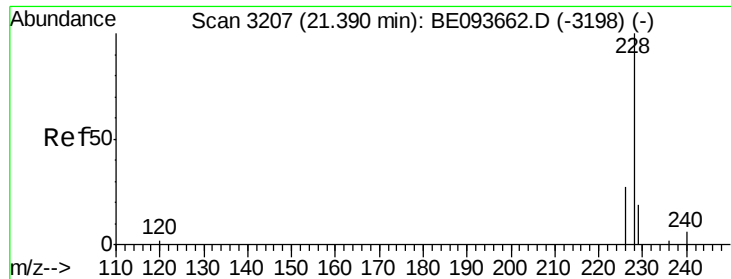
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#17
Pyrene
Concen: 0.955 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093669.D
Acq: 4 Aug 2017 13:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	18.2	27.4#
100	12.1	15.6	23.4#





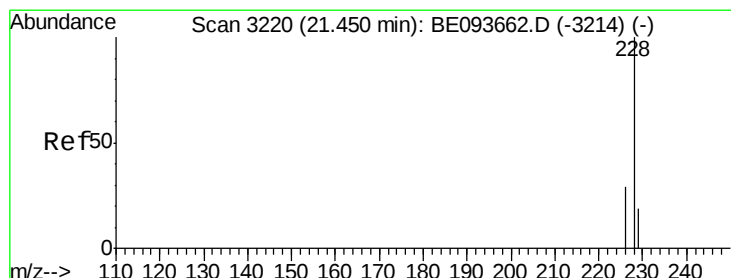
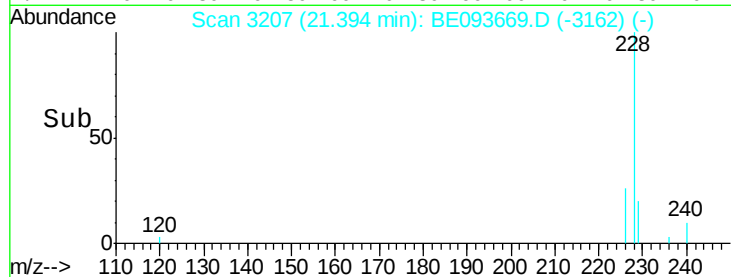
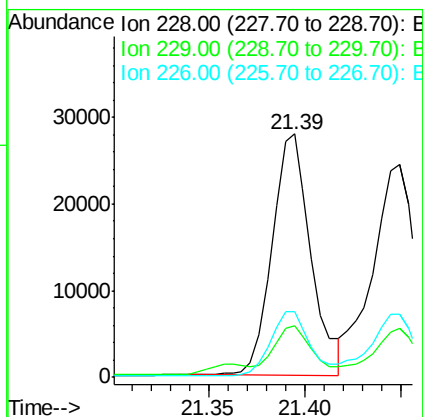
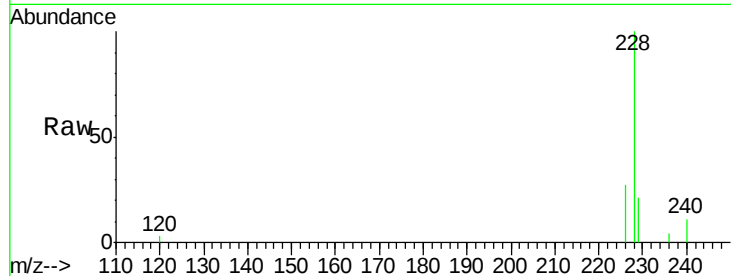
#18
Benzo(a)anthracene
Concen: 0.582 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE093669.D
Acq: 4 Aug 2017 13:54

Instrument :
BNA_E
ClientSampleId :
C0AA6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	26.8	17.0	25.6#

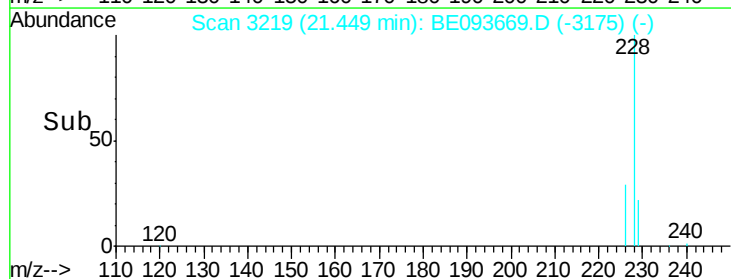
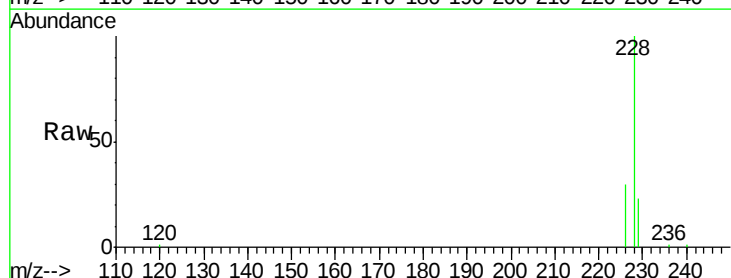
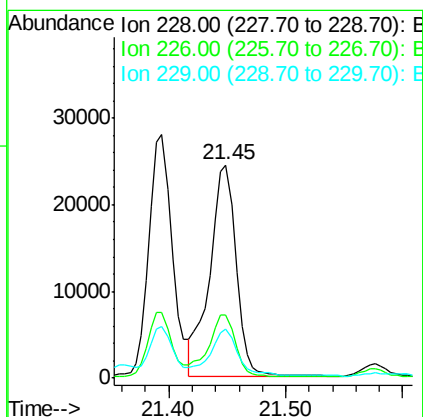
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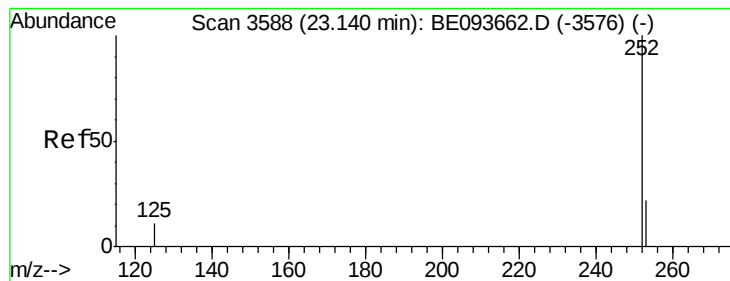
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#19
Chrysene
Concen: 0.594 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093669.D
Acq: 4 Aug 2017 13:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	22.9	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.765 ng/ul m

RT: 23.14 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BE093669.D

Acq: 4 Aug 2017 13:54

Instrument :

BNA_E

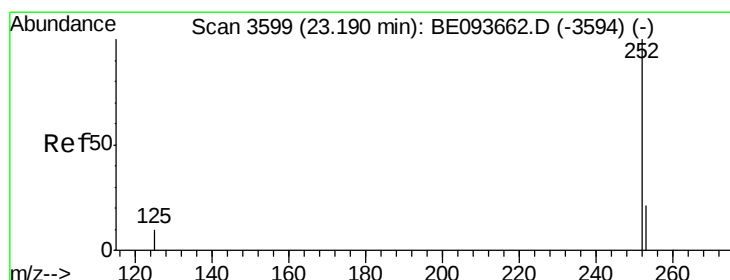
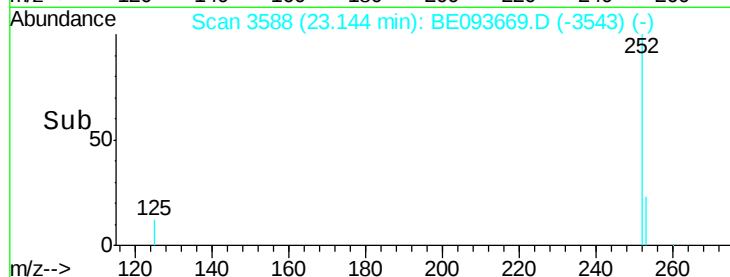
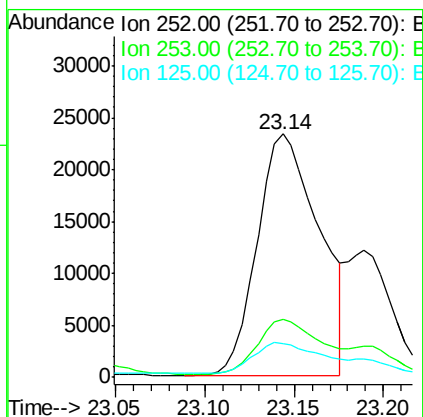
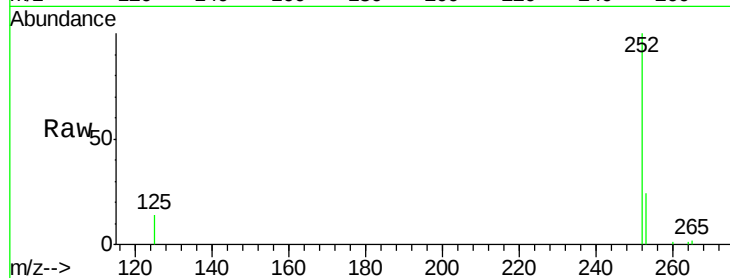
ClientSampleId :

C0AA6

Tgt Ion:	252	Resp:	56253
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	64.2
125	14.0	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.275 ng/ul m

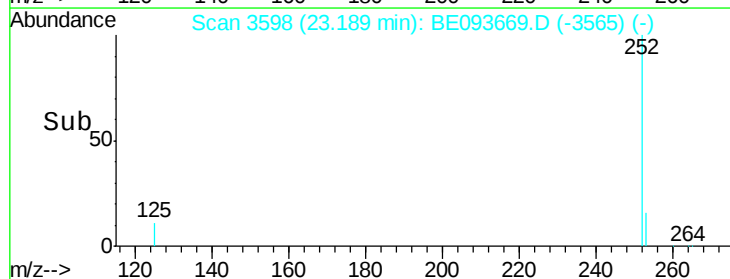
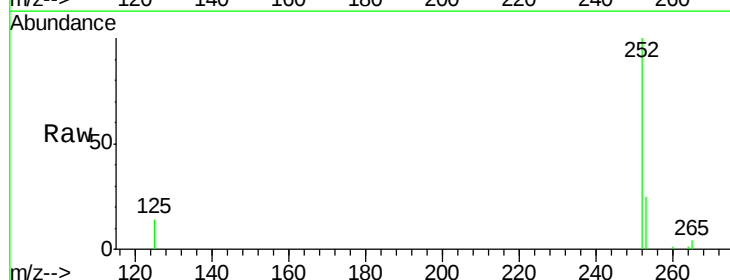
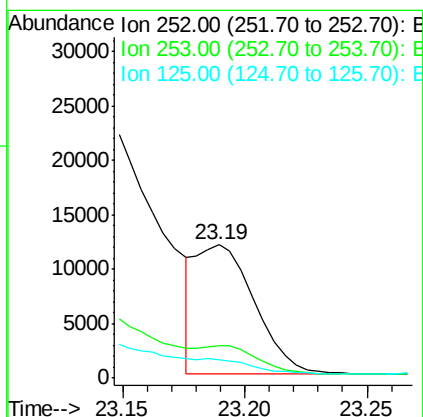
RT: 23.19 min Scan# 3598

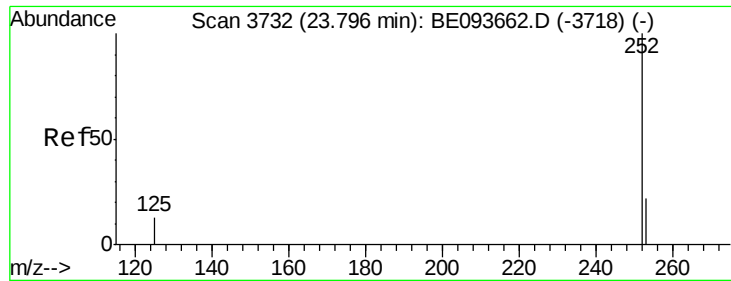
Delta R.T. -0.00 min

Lab File: BE093669.D

Acq: 4 Aug 2017 13:54

Tgt Ion:	252	Resp:	19933
Ion Ratio	Lower	Upper	
252	100		
253	24.6	24.5	36.7
125	13.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.595 ng/ul m

RT: 23.80 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE093669.D

Acq: 4 Aug 2017 13:54

Instrument :

BNA_E

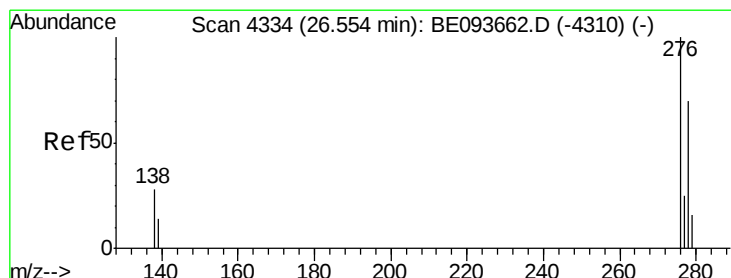
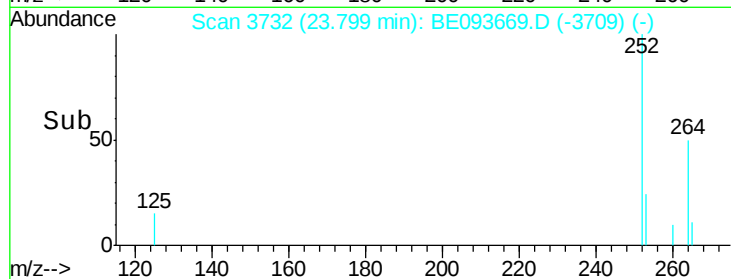
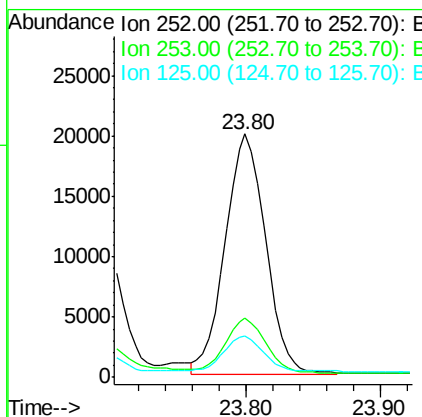
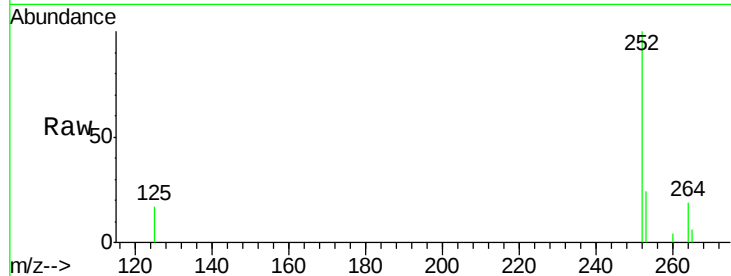
ClientSampled :

C0AA6

Tgt Ion:	252	Resp:	41617
Ion Ratio	Lower	Upper	
252	100		
253	24.3	28.5	42.7#
125	16.9	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.341 ng/ul

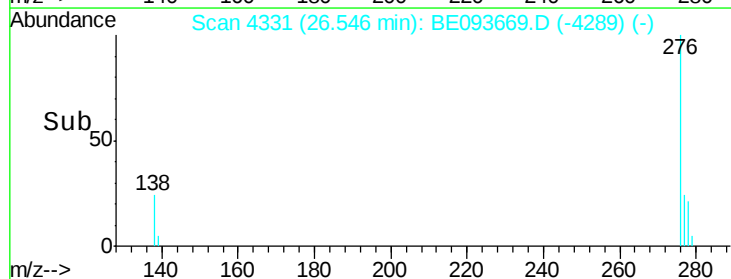
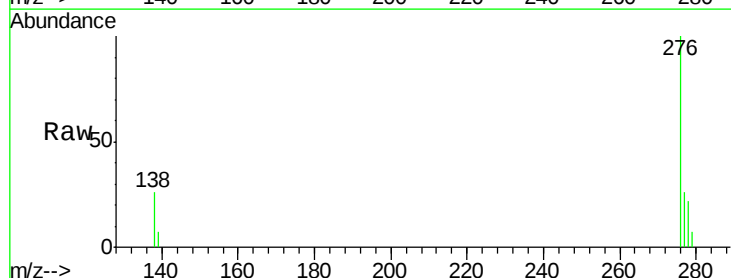
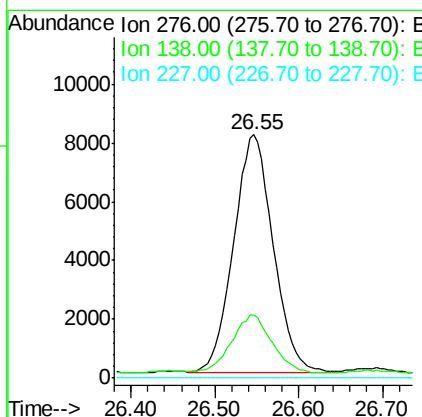
RT: 26.55 min Scan# 4331

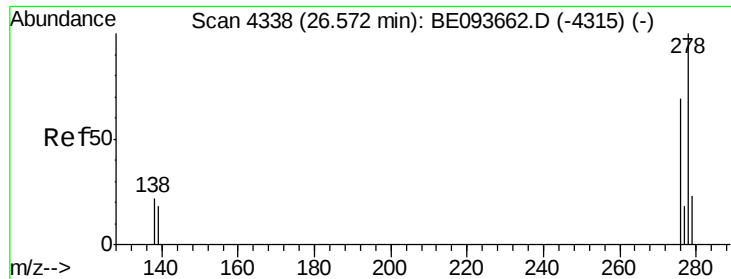
Delta R.T. -0.01 min

Lab File: BE093669.D

Acq: 4 Aug 2017 13:54

Tgt Ion:	276	Resp:	26327
Ion Ratio	Lower	Upper	
276	100		
138	24.8	28.0	42.0#
227	0.0	8.0	12.0#





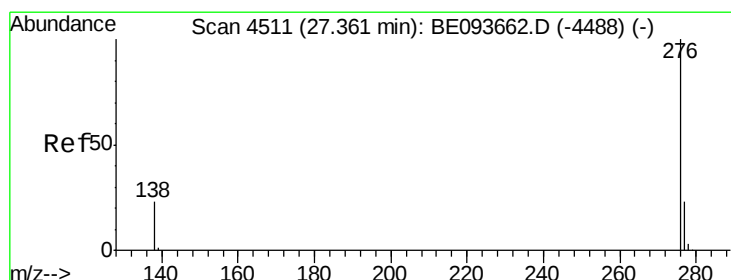
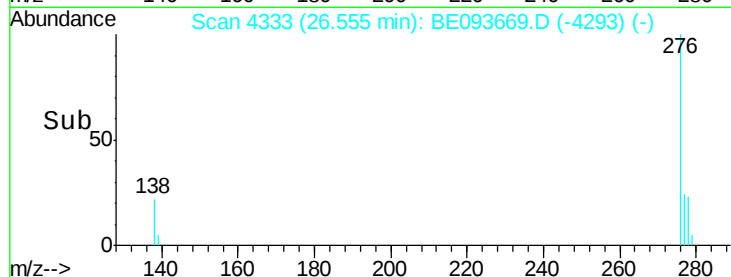
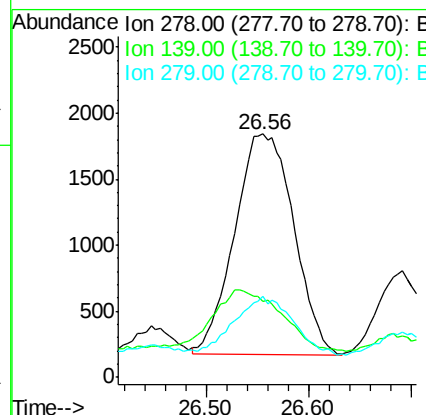
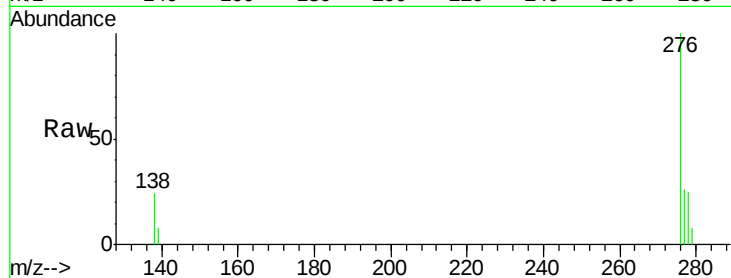
#25
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.56 min Scan# 4333
Delta R.T. -0.02 min
Lab File: BE093669.D
Acq: 4 Aug 2017 13:54

Instrument :
BNA_E
ClientSampled :
C0AA6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.3	17.4	26.0#
279	33.0	25.9	38.9

Manual Integrations
APPROVED

Sohil
8/4/2017 5:28:13 PM



#26
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 27.36 min Scan# 4510
Delta R.T. 0.00 min
Lab File: BE093669.D
Acq: 4 Aug 2017 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.8	32.8
277	25.4	20.5	30.7

