

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
 Data File : BE093825.D
 Acq On : 16 Aug 2017 2:00
 Operator : SJ/JU
 Sample : I4672-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG9

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:42:54 PM

Quant Time: Aug 16 08:24:45 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2023	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10647	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14620	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	15615	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	16129m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3677	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10534	0.23	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	25150	0.971	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	22854	1.210	ng/ul	99
7) Acenaphthylene	14.24	152	4038	0.145	ng/ul#	87
9) Fluorene	15.57	166	999	0.036	ng/ul#	76
12) Phenanthrene	17.29	178	46692	1.173	ng/ul#	90
13) Anthracene	17.38	178	6687	0.172	ng/ul	93
15) Fluoranthene	19.30	202	72903	1.464	ng/ul	84
17) Pyrene	19.66	202	66048	1.449	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	33969	0.750	ng/ul#	86
19) Chrysene	21.45	228	38401	0.884	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	44712	0.896	ng/ul	89
22) Benzo(k)fluoranthene	23.17	252	20002m	0.407	ng/ul	
23) Benzo(a)pyrene	23.80	252	29980m	0.632	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	18777m	0.358	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	4449m	0.102	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	14536m	0.329	ng/ul	

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

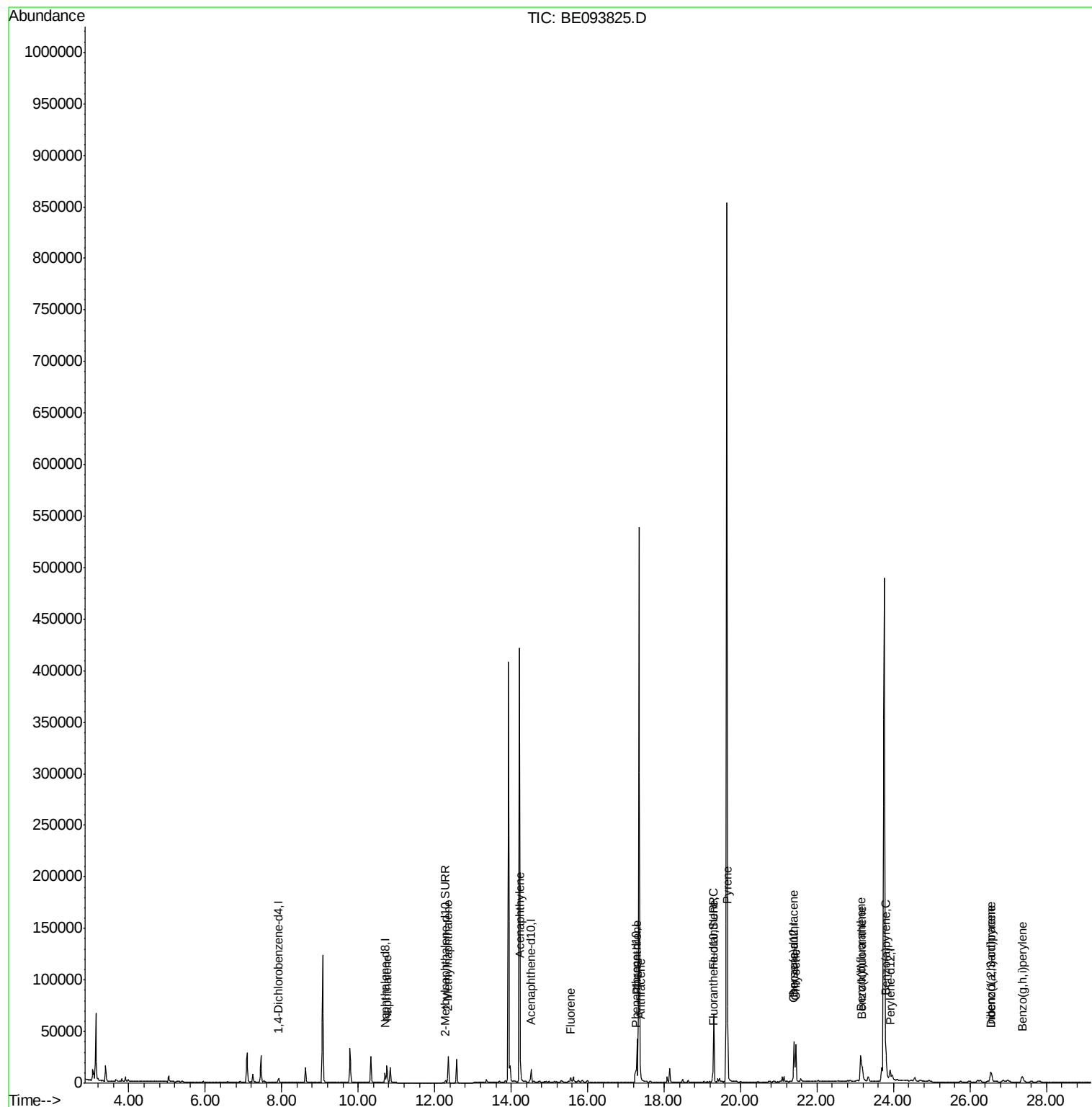
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
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ALS Vial : 24 Sample Multiplier: 1

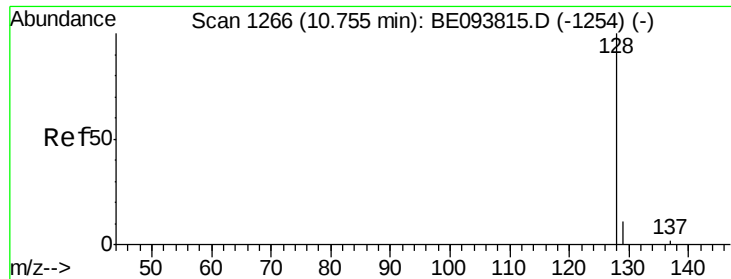
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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QLast Update : Wed Aug 16 07:30:49 2017
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#3

Naphthalene

Concen: 0.971 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

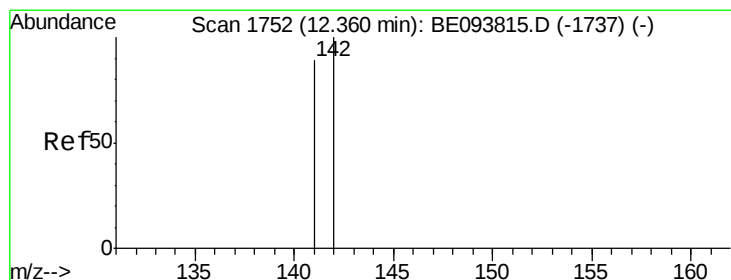
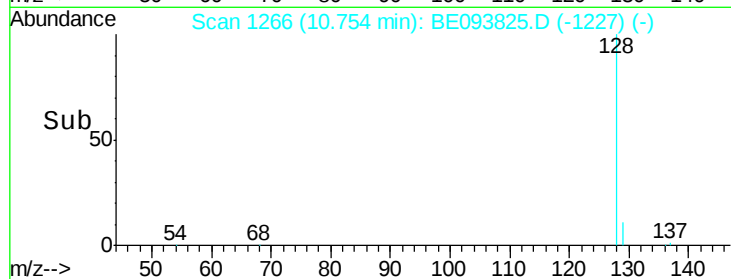
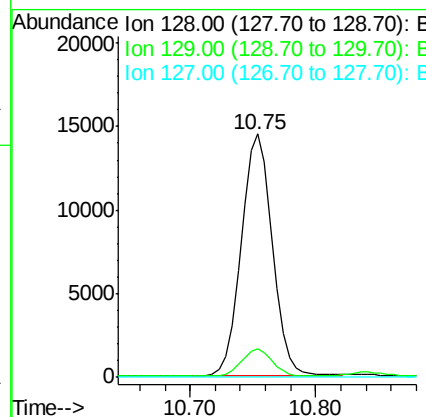
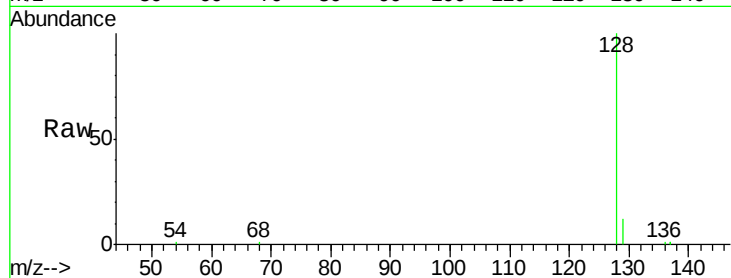
ClientSampleId :

C0AG9

Tgt Ion:	128	Resp:	25150
Ion Ratio	Lower	Upper	
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.210 ng/ul

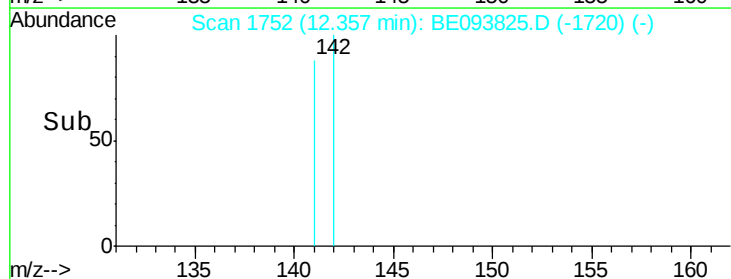
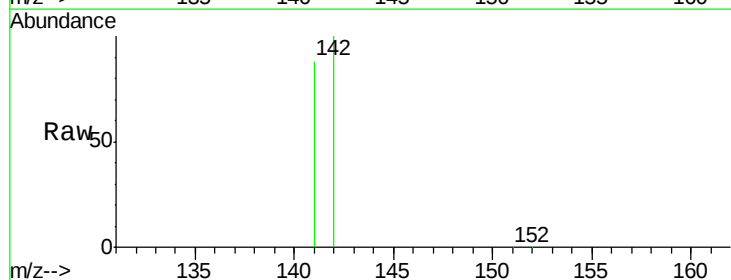
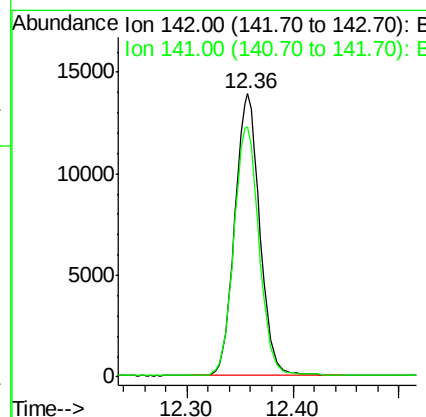
RT: 12.36 min Scan# 1752

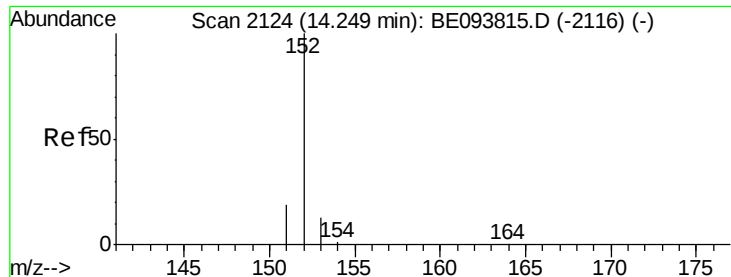
Delta R.T. -0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Tgt Ion:	142	Resp:	22854
Ion Ratio	Lower	Upper	
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.145 ng/ul

RT: 14.24 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

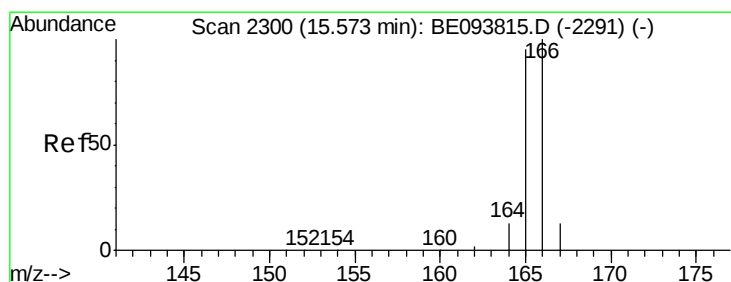
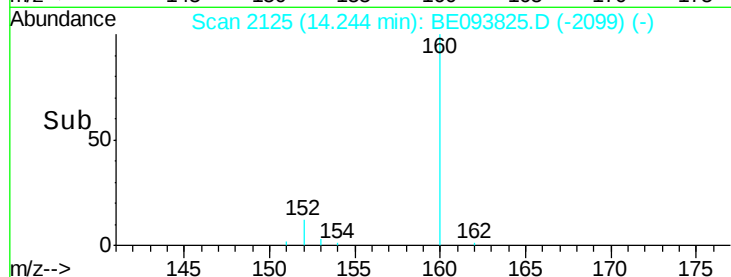
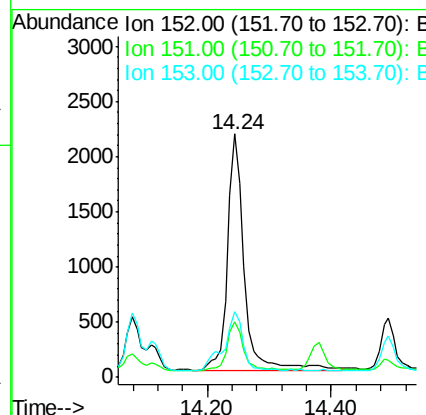
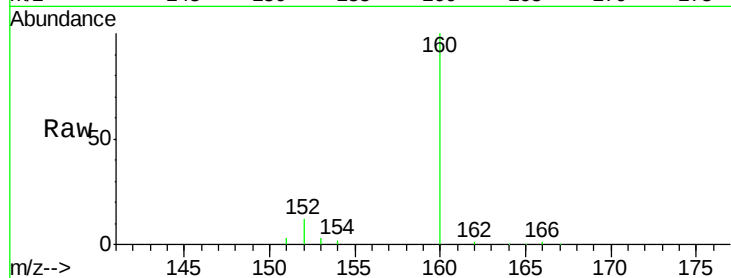
ClientSampled :

C0AG9

Tgt Ion:	152	Resp:	4038
Ion Ratio	Lower	Upper	
152	100		
151	23.0	17.1	25.7
153	27.1	12.8	19.2

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#9

Fluorene

Concen: 0.036 ng/ul

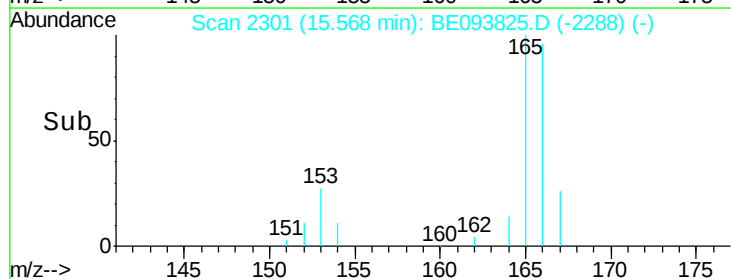
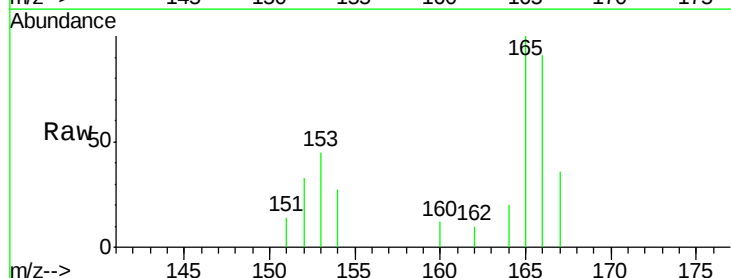
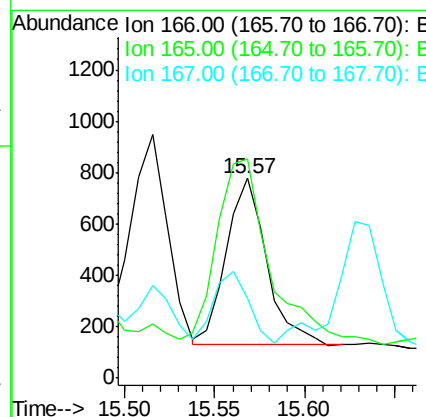
RT: 15.57 min Scan# 2301

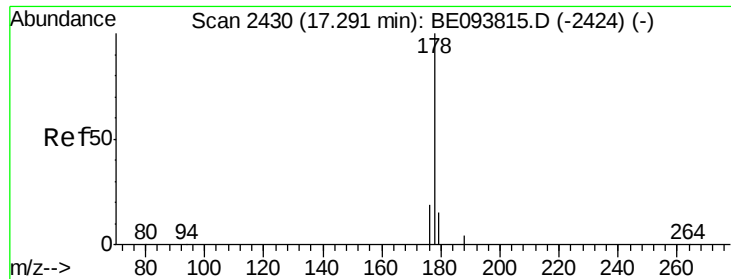
Delta R.T. -0.01 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Tgt Ion:	166	Resp:	999
Ion Ratio	Lower	Upper	
166	100		
165	109.9	73.4	110.2
167	39.7	14.6	22.0





#12

Phenanthrene

Concen: 1.173 ng/ul

RT: 17.29 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

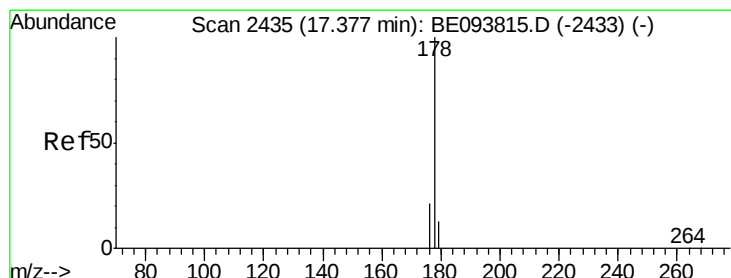
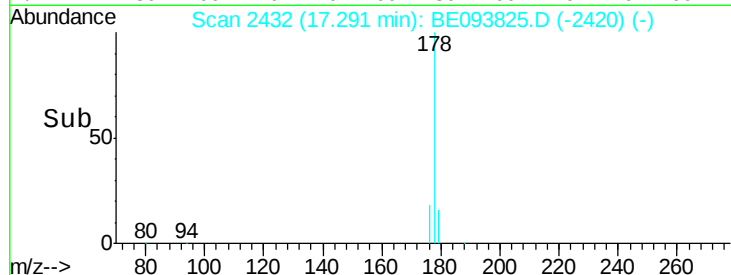
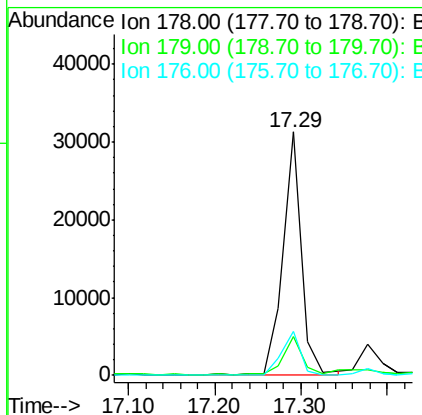
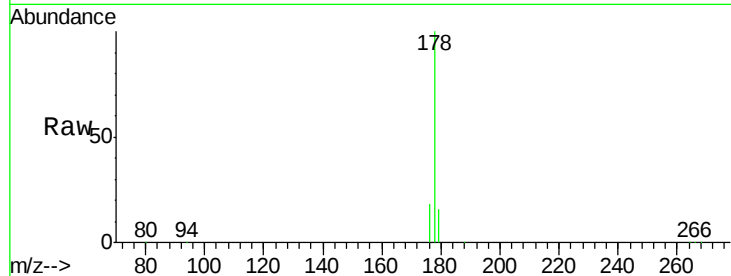
ClientSampleId :

C0AG9

Tgt Ion:	178	Resp:	46692
Ion Ratio	Lower	Upper	
178	100		
179	15.9	18.4	27.6#
176	18.2	13.6	20.4

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#13

Anthracene

Concen: 0.172 ng/ul

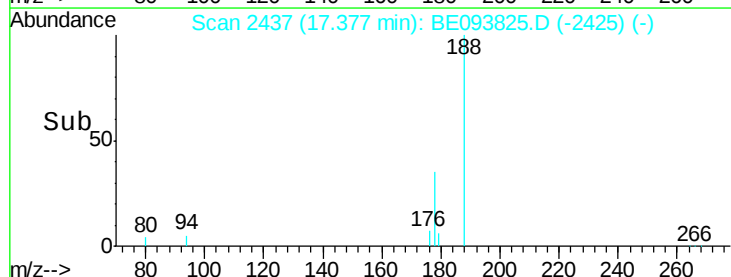
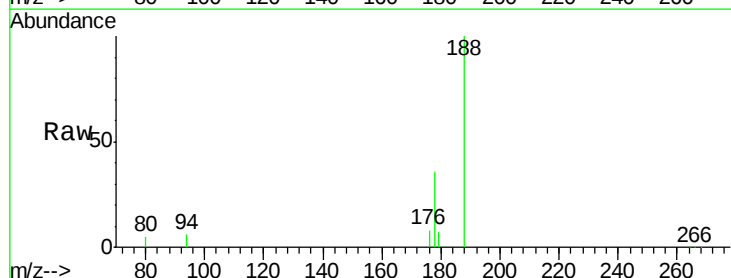
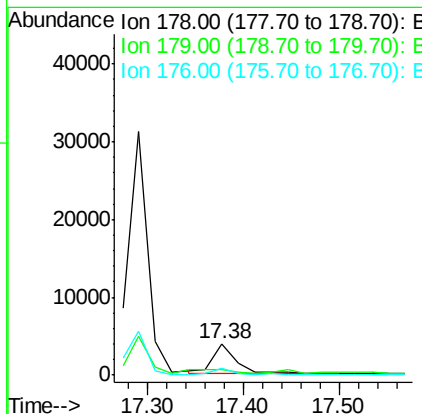
RT: 17.38 min Scan# 2437

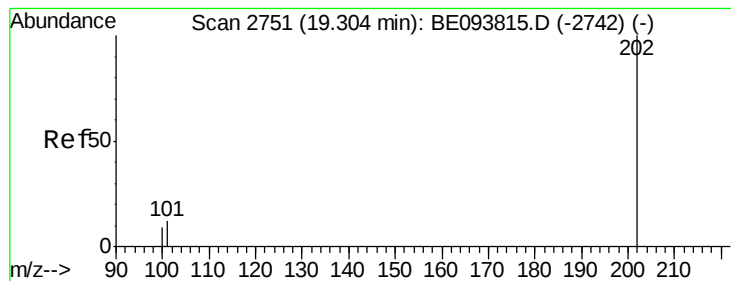
Delta R.T. 0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Tgt Ion:	178	Resp:	6687
Ion Ratio	Lower	Upper	
178	100		
179	18.7	18.1	27.1
176	21.1	14.7	22.1





#15

Fluoranthene

Concen: 1.464 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

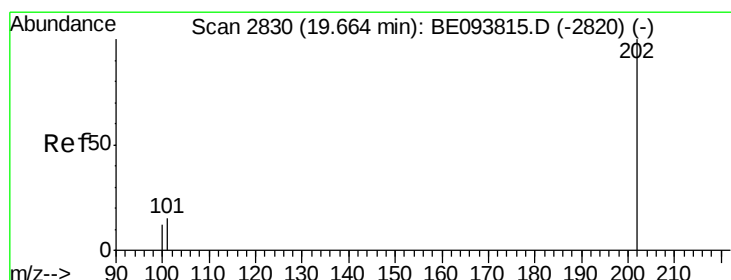
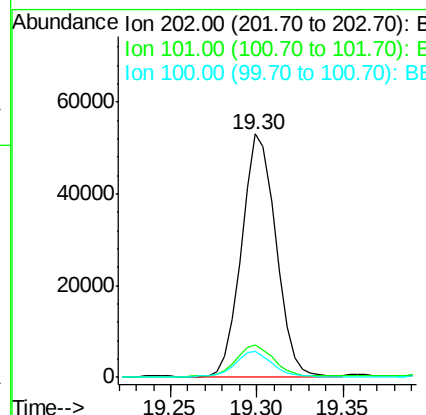
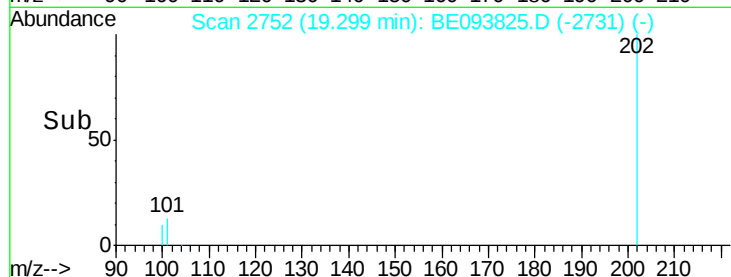
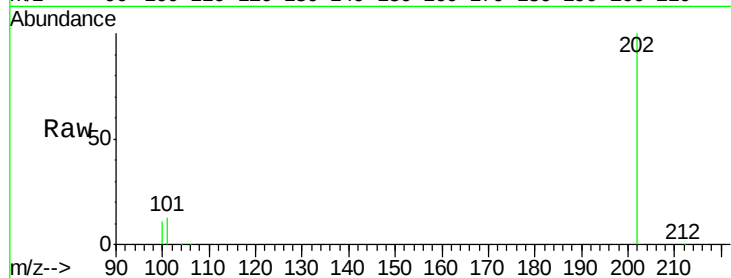
ClientSampleId :

C0AG9

Tgt Ion:	202	Resp:	72903
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	30.3
100	10.6	0.0	39.5

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#17

Pyrene

Concen: 1.449 ng/ul

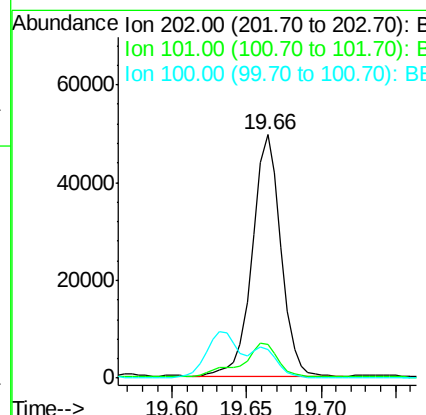
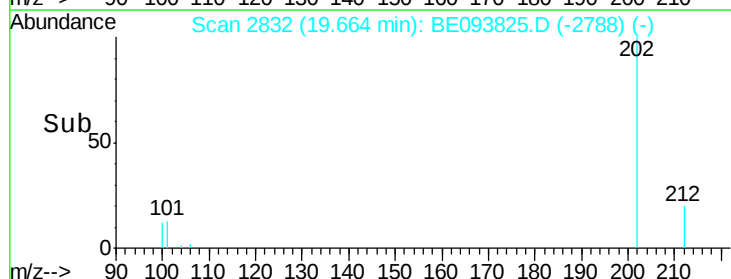
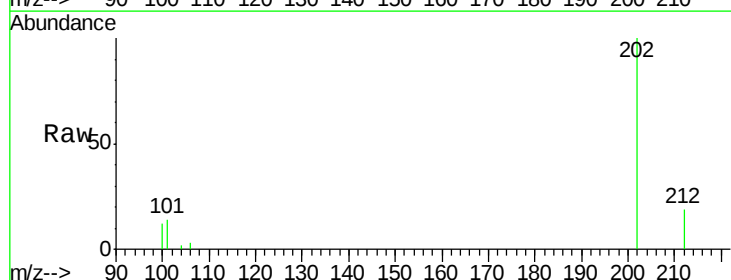
RT: 19.66 min Scan# 2832

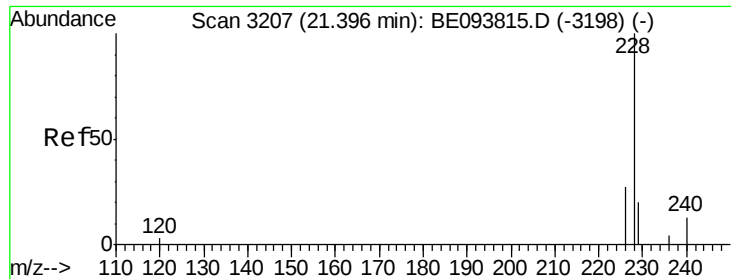
Delta R.T. 0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Tgt Ion:	202	Resp:	66048
Ion Ratio	Lower	Upper	
202	100		
101	13.8	18.2	27.4#
100	11.8	15.6	23.4#





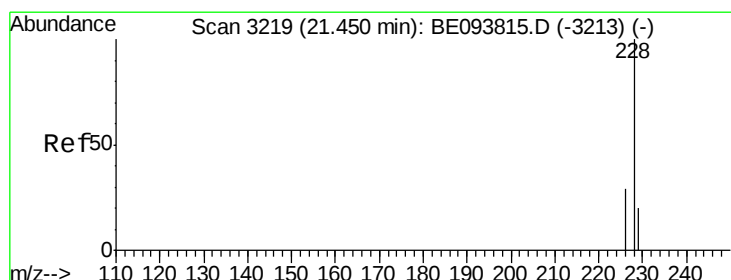
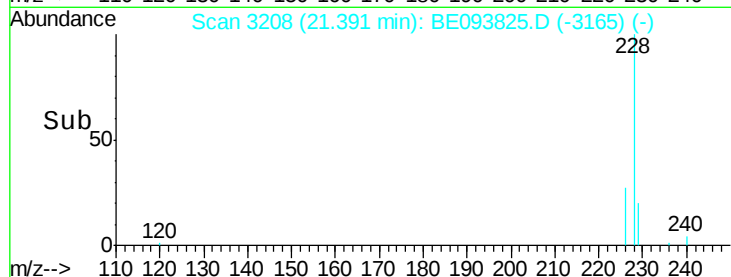
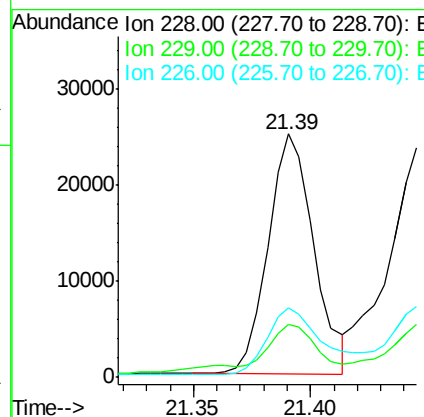
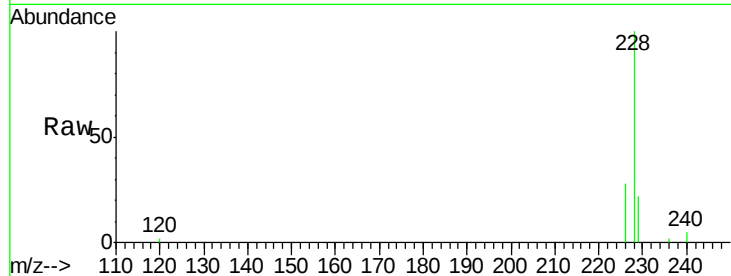
#18
Benzo(a)anthracene
Concen: 0.750 ng/u1
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093825.D
Acq: 16 Aug 2017 2:00

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	28.4	17.0	25.6#

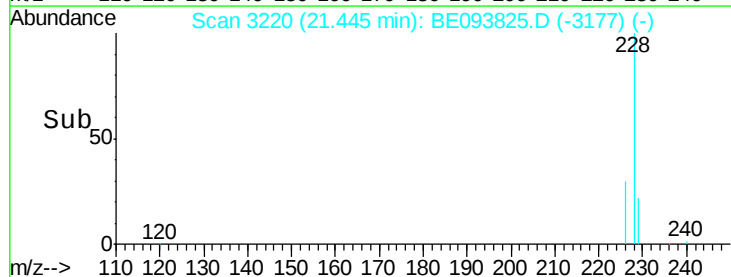
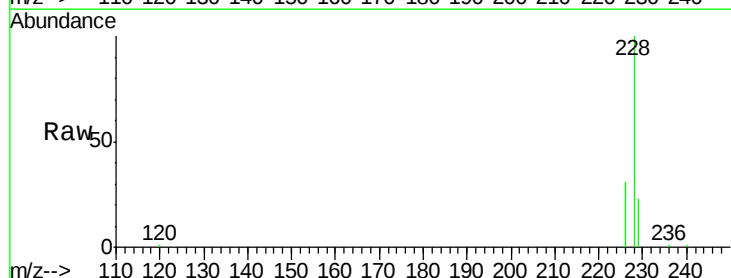
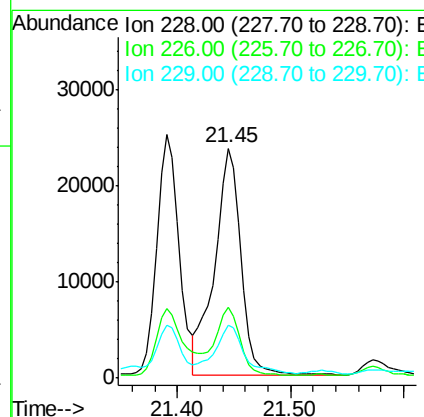
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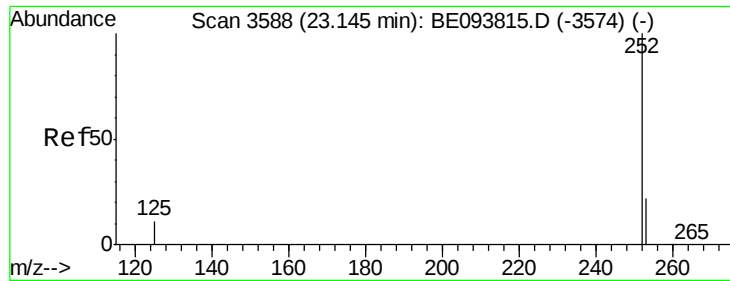
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#19
Chrysene
Concen: 0.884 ng/u1
RT: 21.45 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE093825.D
Acq: 16 Aug 2017 2:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	23.2	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.896 ng/ul

RT: 23.14 min Scan# 3590

Delta R.T. 0.00 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

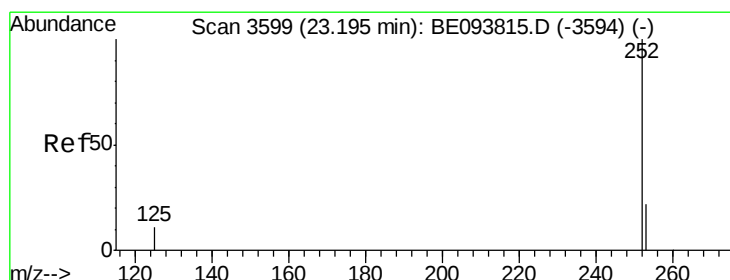
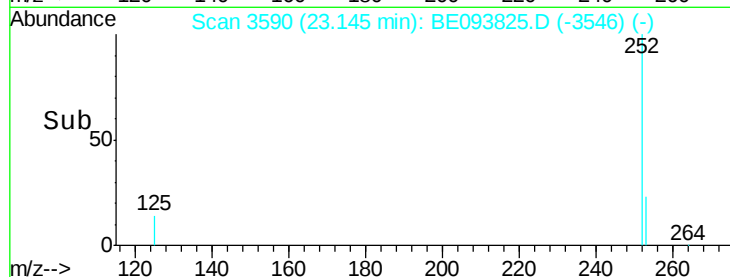
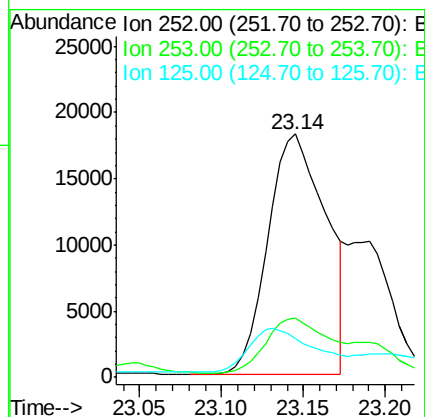
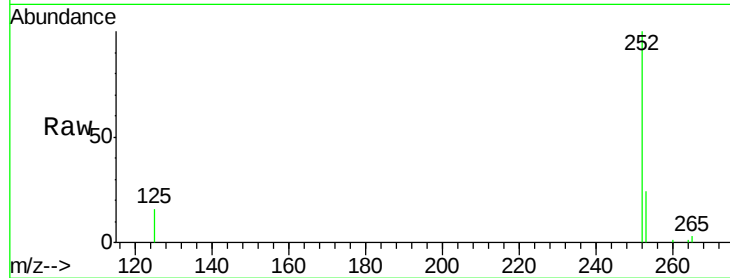
ClientSampled :

C0AG9

Tgt Ion:	252	Resp:	44712
Ion Ratio	Lower	Upper	
252	100		
253	24.2	0.0	64.2
125	15.9	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.407 ng/ul m

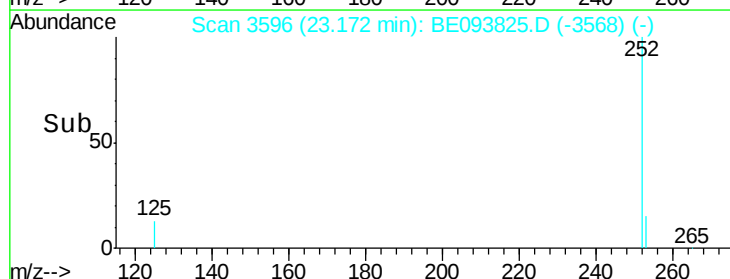
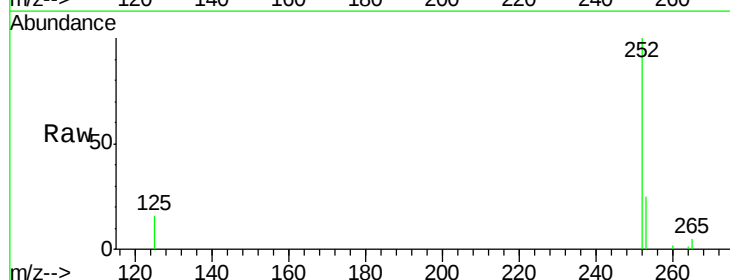
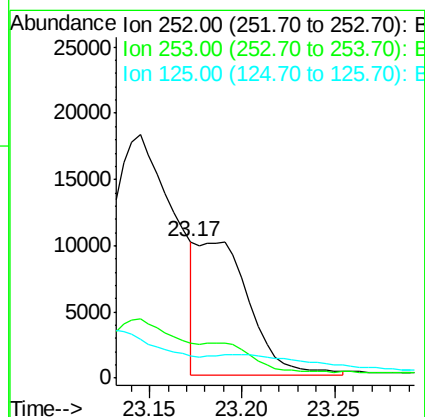
RT: 23.17 min Scan# 3596

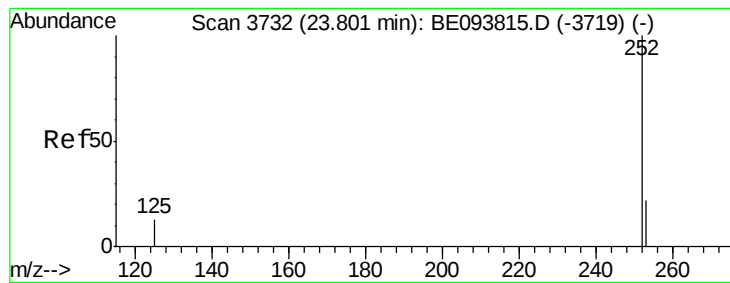
Delta R.T. -0.02 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

Tgt Ion:	252	Resp:	20002
Ion Ratio	Lower	Upper	
252	100		
253	25.2	24.5	36.7
125	16.2	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.632 ng/ul m

RT: 23.80 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BE093825.D

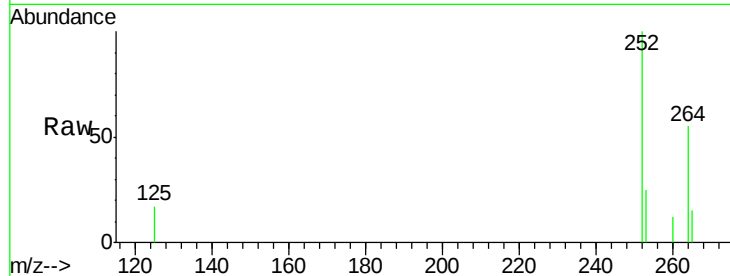
Acq: 16 Aug 2017 2:00

Instrument :

BNA_E

ClientSampleId :

C0AG9



Tgt Ion:252 Resp: 29980

Ion Ratio Lower Upper

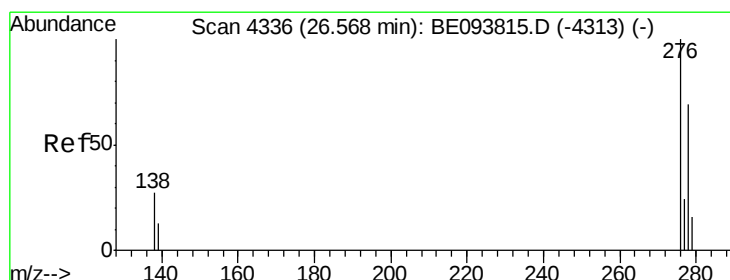
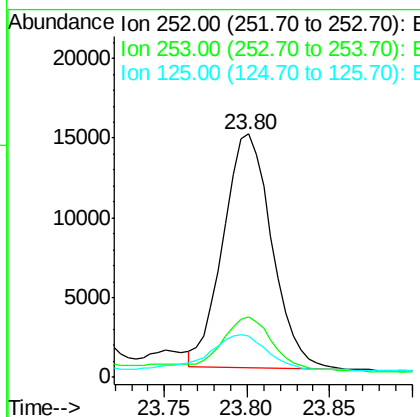
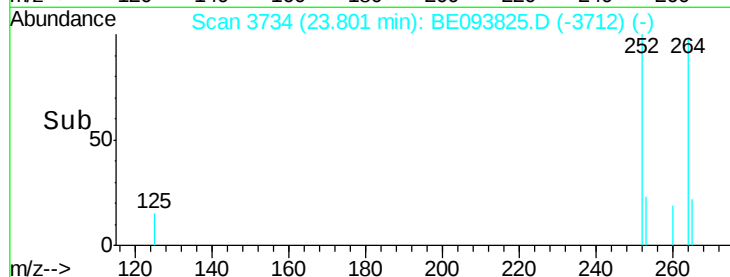
252 100

253 24.8 28.5 42.7#

125 17.1 18.1 27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.358 ng/ul m

RT: 26.55 min Scan# 4333

Delta R.T. -0.02 min

Lab File: BE093825.D

Acq: 16 Aug 2017 2:00

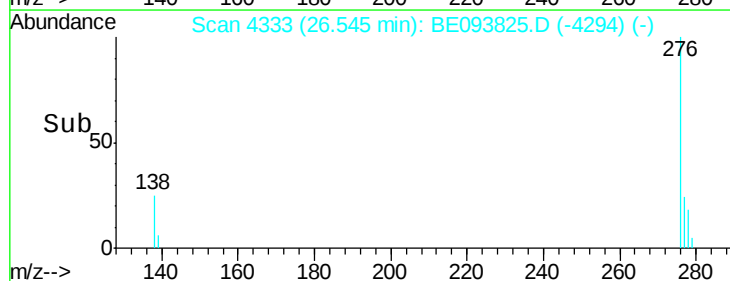
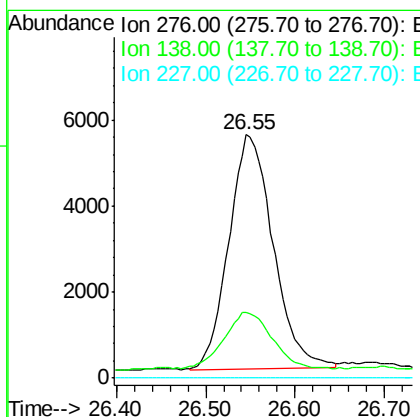
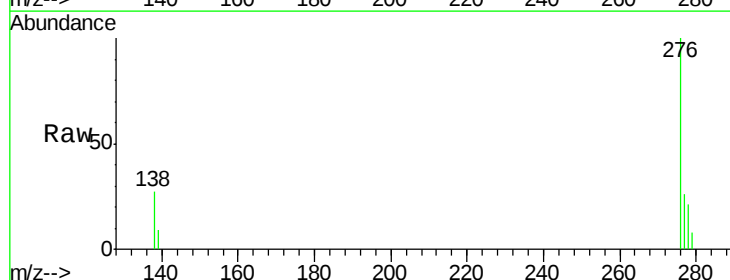
Tgt Ion:276 Resp: 18777

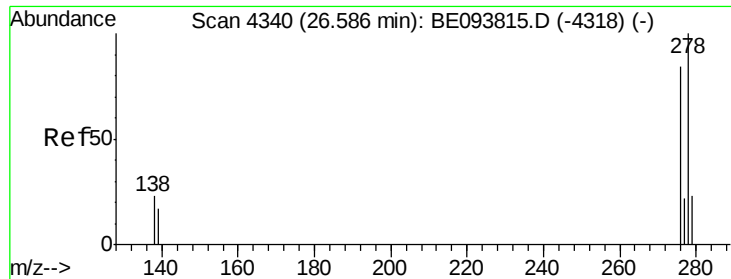
Ion Ratio Lower Upper

276 100

138 0.0 28.0 42.0#

227 0.0 8.0 12.0#





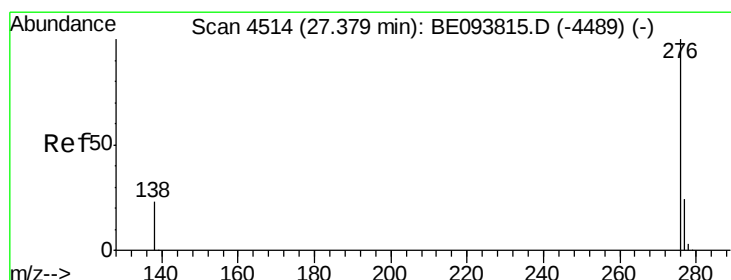
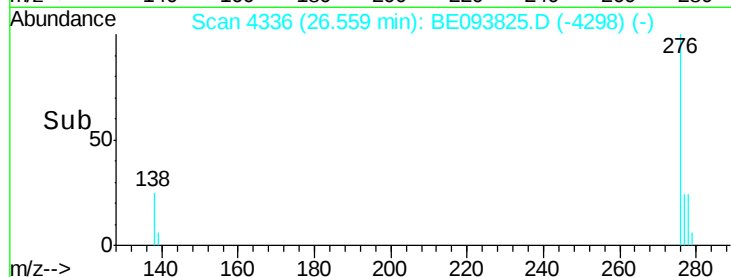
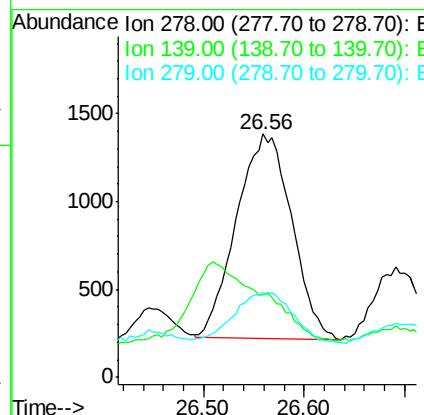
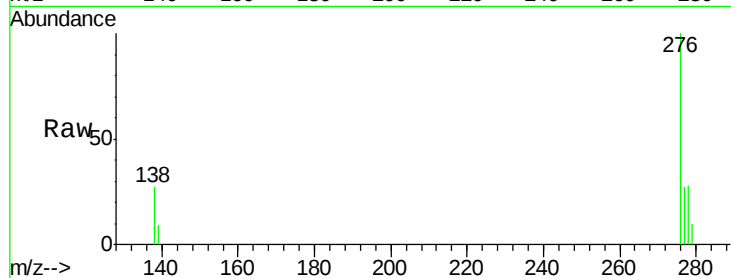
#25
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul m
RT: 26.56 min Scan# 4336
Delta R.T. -0.03 min
Lab File: BE093825.D
Acq: 16 Aug 2017 2:00

Instrument :
BNA_E
ClientSampleId :
C0AG9

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.7	17.4	26.0#
279	34.8	25.9	38.9

Manual Integrations
APPROVED

Sohil
8/16/2017 6:42:54 PM



#26
Benzo(g,h,i)perylene
Concen: 0.329 ng/ul m
RT: 27.37 min Scan# 4513
Delta R.T. -0.01 min
Lab File: BE093825.D
Acq: 16 Aug 2017 2:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.8	32.8
277	25.8	20.5	30.7

