

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
 Data File : BE093787.D
 Acq On : 14 Aug 2017 14:53
 Operator : SJ/JU
 Sample : I4504-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA8

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:14 PM

Quant Time: Aug 14 19:22:15 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 14 18:19:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3134	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	16119	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	10828m	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15160	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	22337	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	21547	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3938	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8542	0.18	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	27559	0.703	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	53080	1.856	ng/ul	99
7) Acenaphthylene	14.25	152	9988	0.221	ng/ul#	53
8) Acenaphthene	14.58	153	14628	0.411	ng/ul	93
9) Fluorene	15.57	166	67043	1.488	ng/ul	83
12) Phenanthrene	17.29	178	331516	8.030	ng/ul#	88
13) Anthracene	17.38	178	62667	1.558	ng/ul#	86
15) Fluoranthene	19.31	202	178050	3.448	ng/ul	83
17) Pyrene	19.67	202	287866	4.415	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	110705	1.709	ng/ul#	74
19) Chrysene	21.45	228	107709	1.734	ng/ul#	75
21) Benzo(b)fluoranthene	23.16	252	70545m	1.058	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	17225m	0.262	ng/ul	
23) Benzo(a)pyrene	23.82	252	69004	1.088	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.59	276	32214	0.460	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.60	278	6971	0.119	ng/ul#	1
26) Benzo(g,h,i)perylene	27.41	276	22020	0.373	ng/ul#	77

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

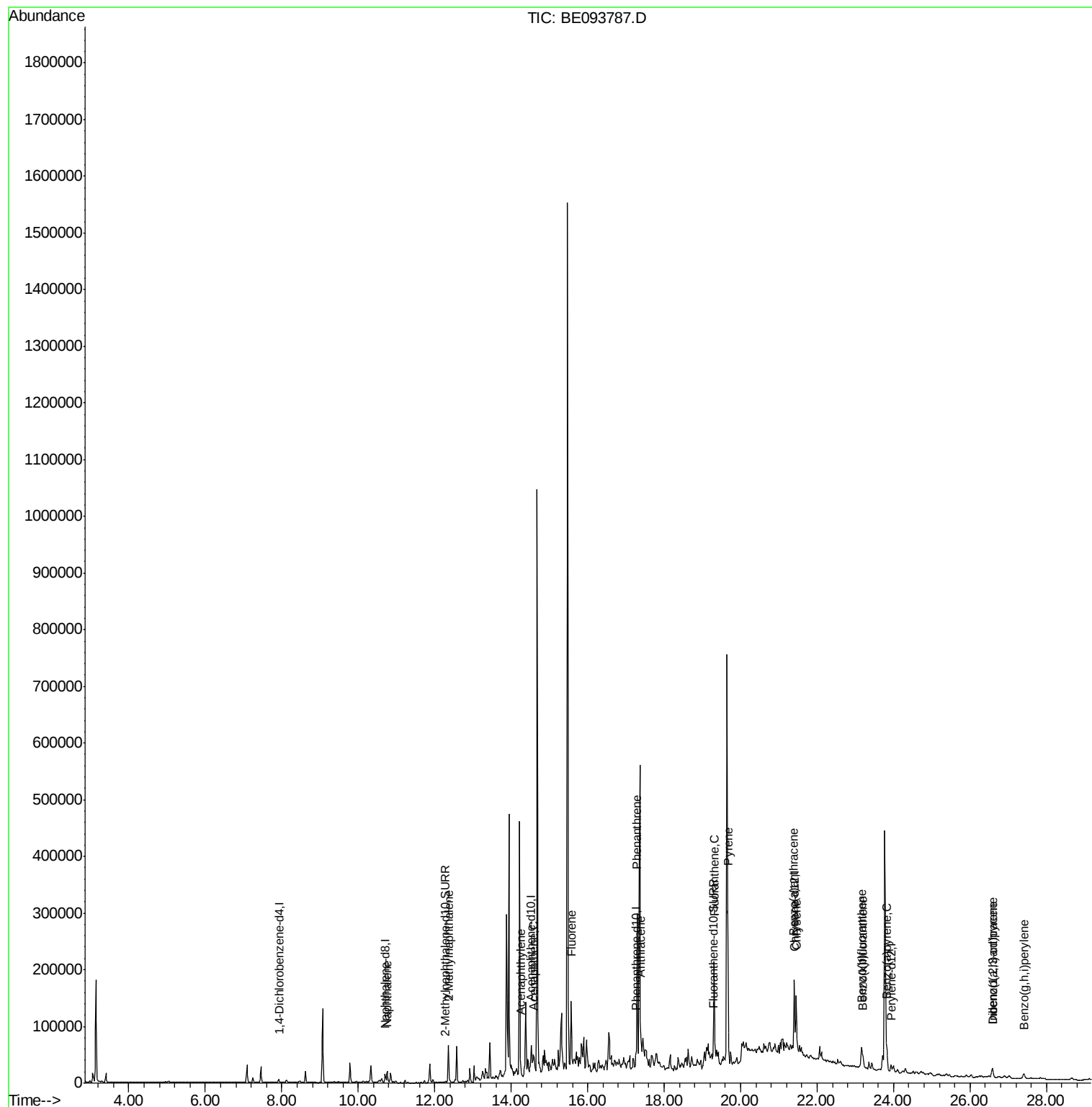
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
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ALS Vial : 6 Sample Multiplier: 1

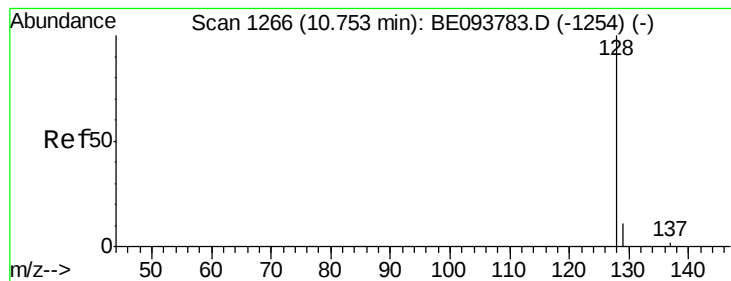
Instrument :
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C0AA8

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

Naphthalene

Concen: 0.703 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Instrument :

BNA_E

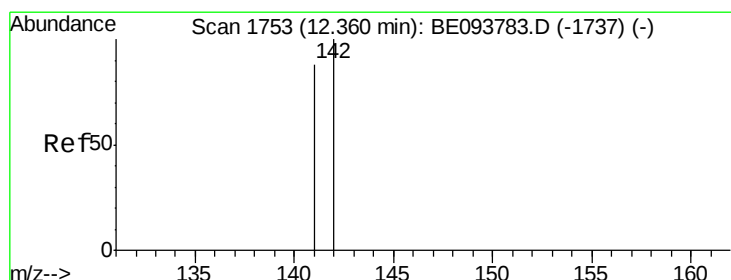
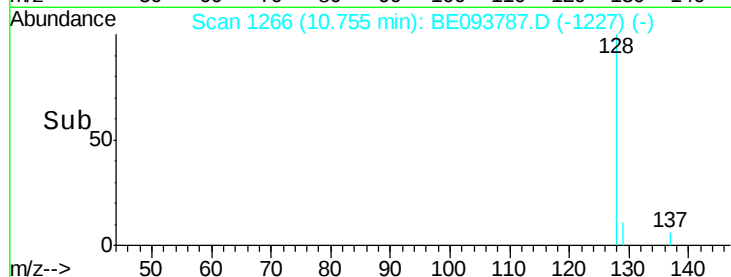
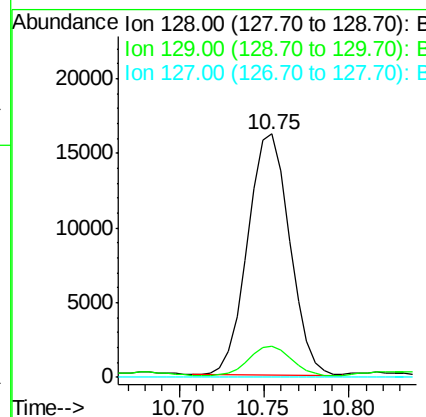
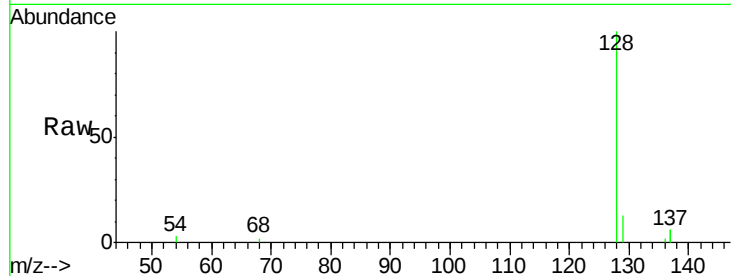
ClientSampleId :

C0AA8

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.856 ng/ul

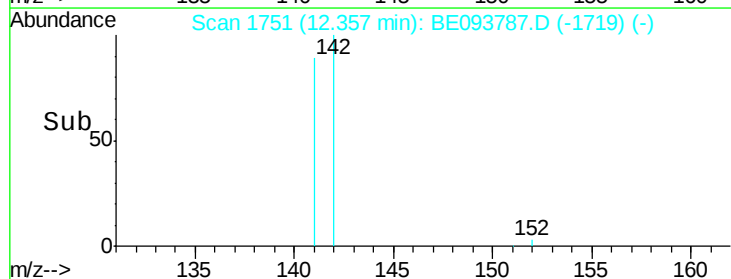
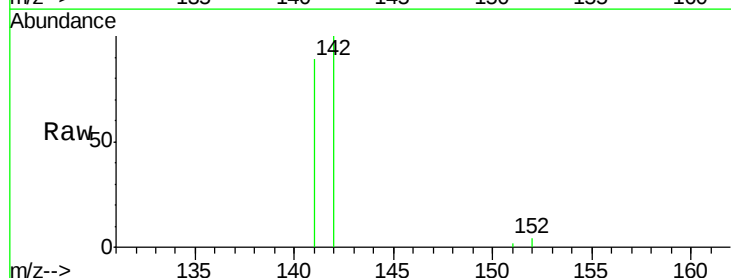
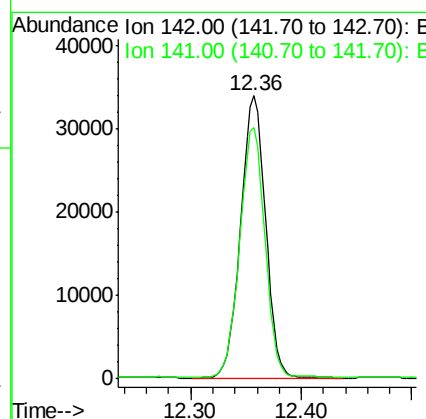
RT: 12.36 min Scan# 1751

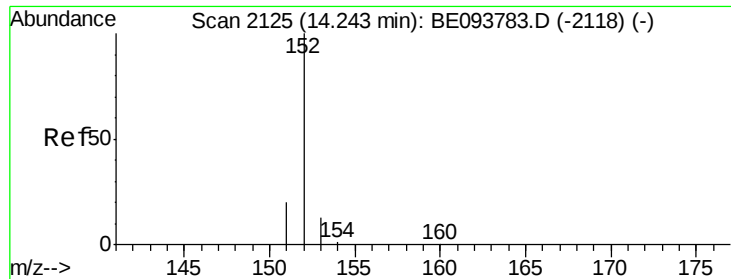
Delta R.T. -0.00 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.221 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Instrument :

BNA_E

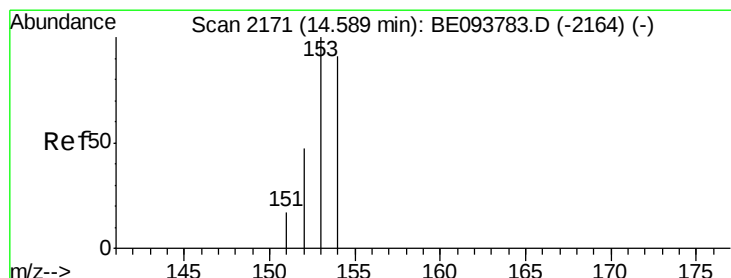
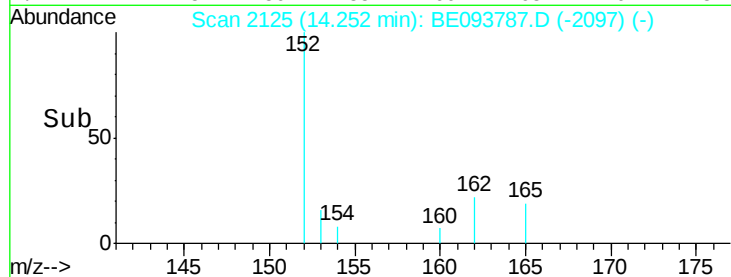
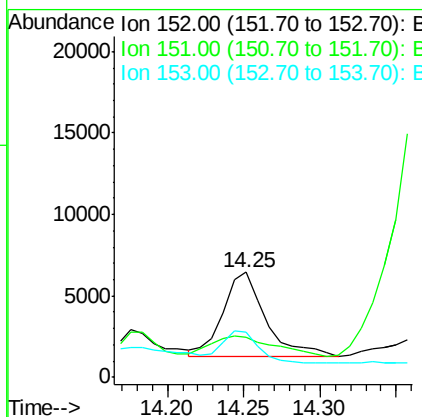
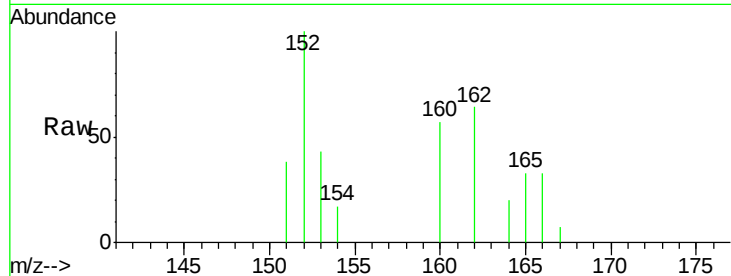
ClientSampleId :

C0AA8

Tgt Ion:	152	Resp:	9988
Ion Ratio	Lower	Upper	
152	100		
151	38.0	17.1	25.7#
153	43.1	12.8	19.2#

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#8

Acenaphthene

Concen: 0.411 ng/ul

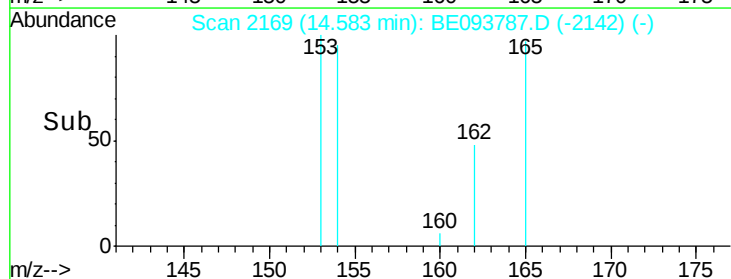
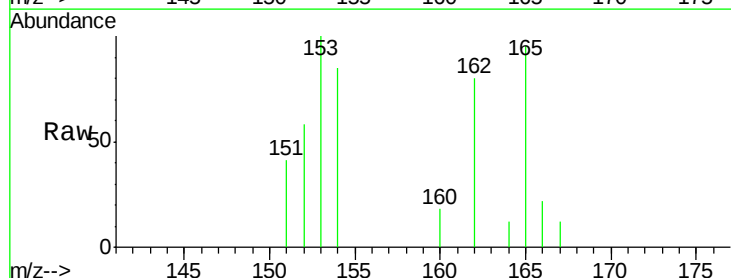
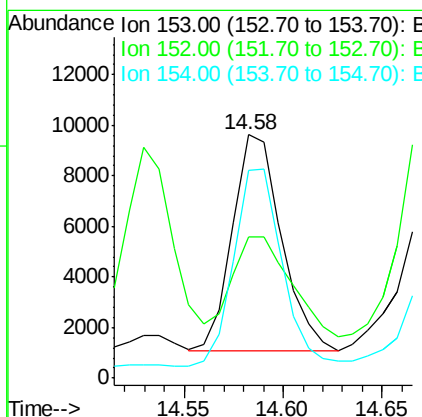
RT: 14.58 min Scan# 2169

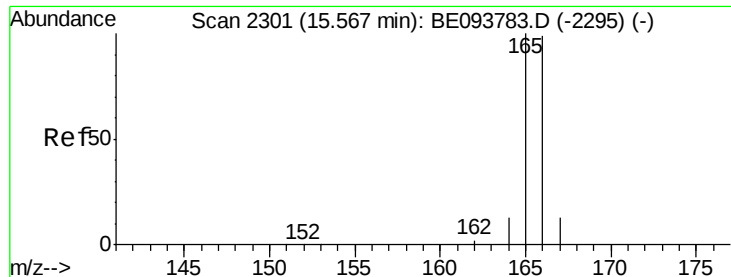
Delta R.T. 0.00 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Tgt Ion:	153	Resp:	14628
Ion Ratio	Lower	Upper	
153	100		
152	58.2	40.3	60.5
154	85.1	71.4	107.2





#9

Fluorene

Concen: 1.488 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Instrument :

BNA_E

ClientSampleId :

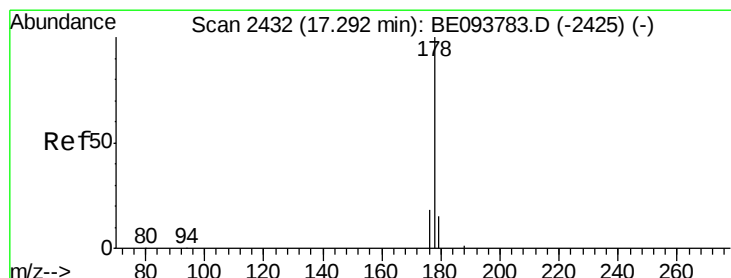
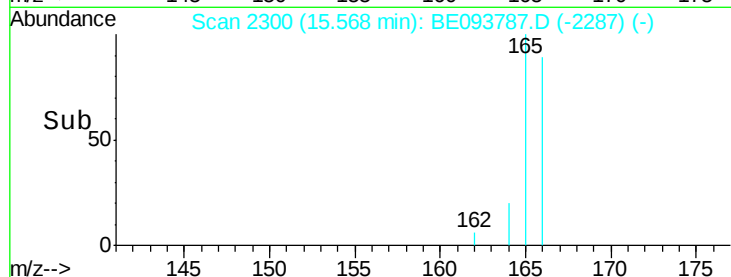
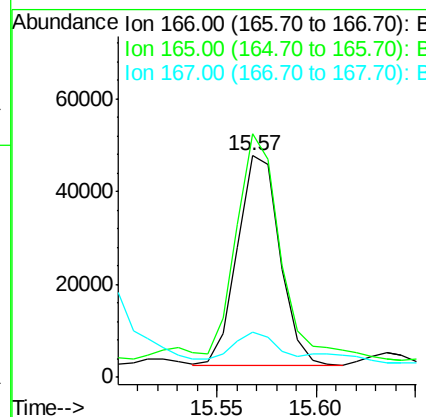
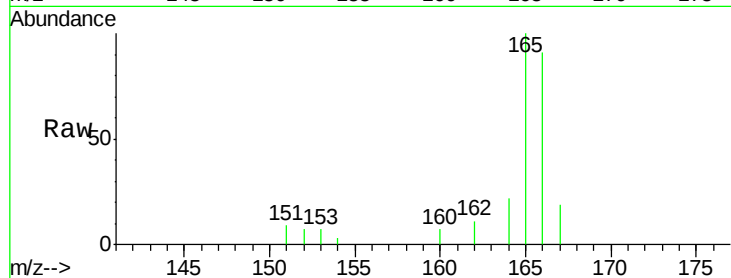
C0AA8

Tgt Ion:166 Resp: 67043

Ion	Ratio	Lower	Upper
166	100		
165	109.9	73.4	110.2
167	20.4	14.6	22.0

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#12

Phenanthrene

Concen: 8.030 ng/ul

RT: 17.29 min Scan# 2431

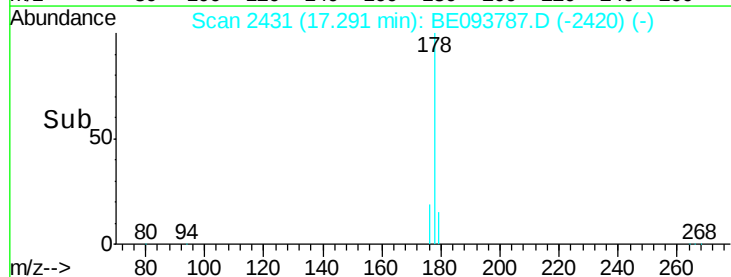
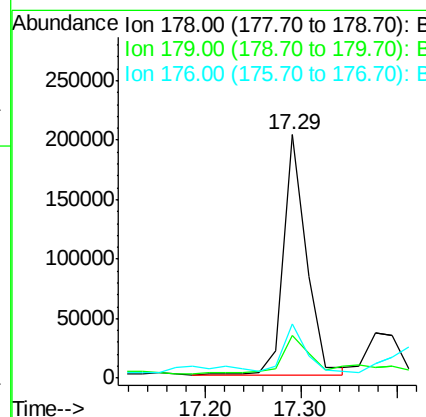
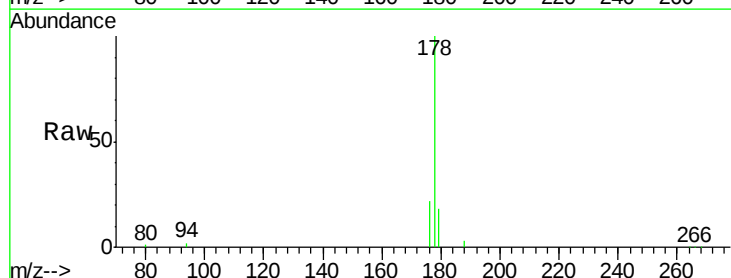
Delta R.T. -0.00 min

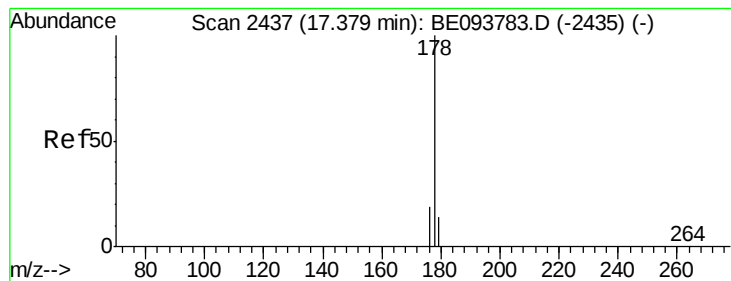
Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Tgt Ion:178 Resp: 331516

Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6#
176	22.5	13.6	20.4#





#13

Anthracene

Concen: 1.558 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Instrument :

BNA_E

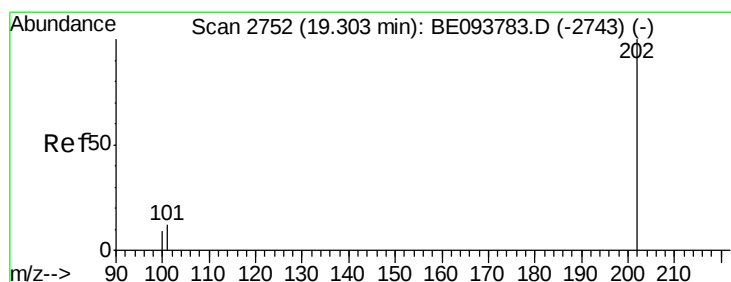
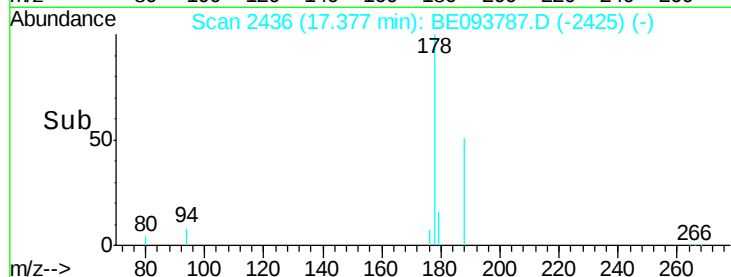
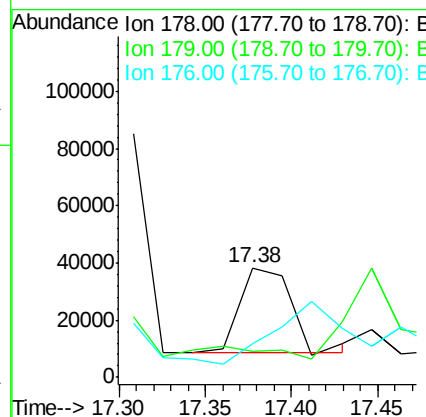
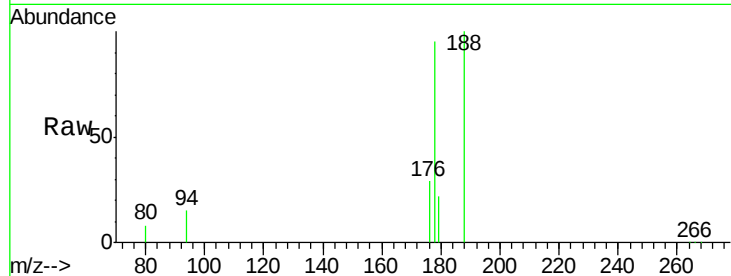
ClientSampled :

C0AA8

Tgt Ion:	178	Resp:	62667
Ion Ratio	Lower	Upper	
178	100		
179	23.5	18.1	27.1
176	30.9	14.7	22.1#

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#15

Fluoranthene

Concen: 3.448 ng/ul

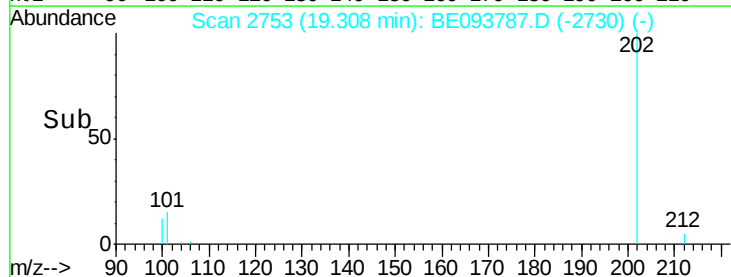
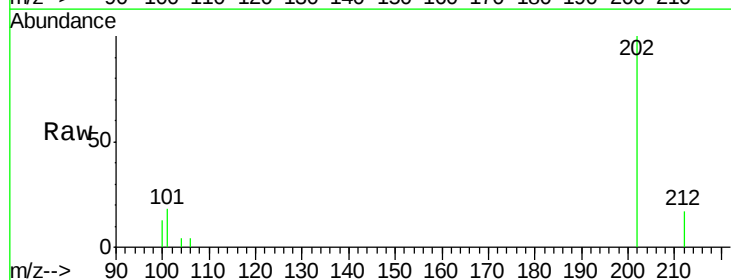
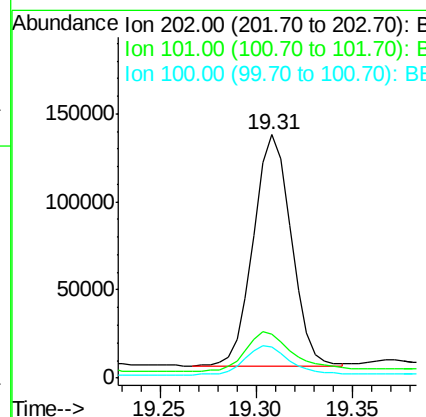
RT: 19.31 min Scan# 2753

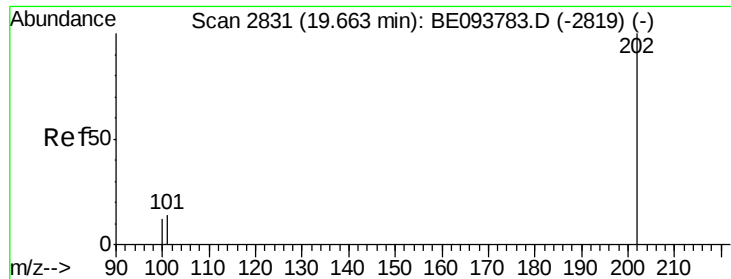
Delta R.T. 0.01 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Tgt Ion:	202	Resp:	178050
Ion Ratio	Lower	Upper	
202	100		
101	18.2	0.0	30.3
100	12.6	0.0	39.5





#17

Pyrene

Concen: 4.415 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Instrument :

BNA_E

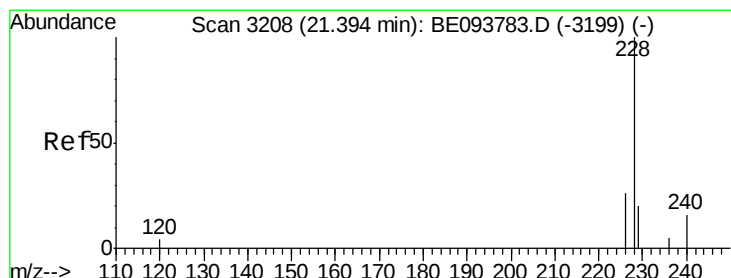
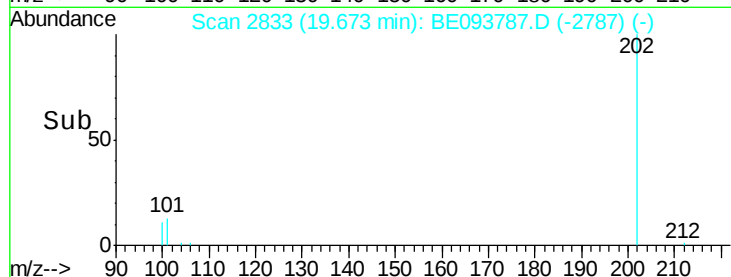
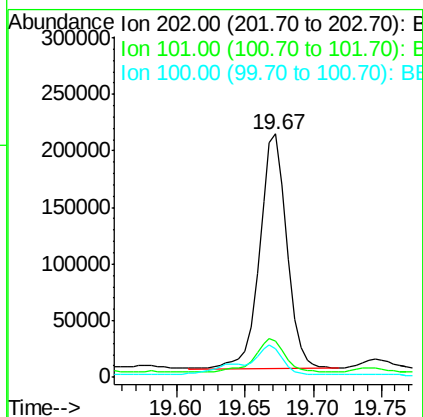
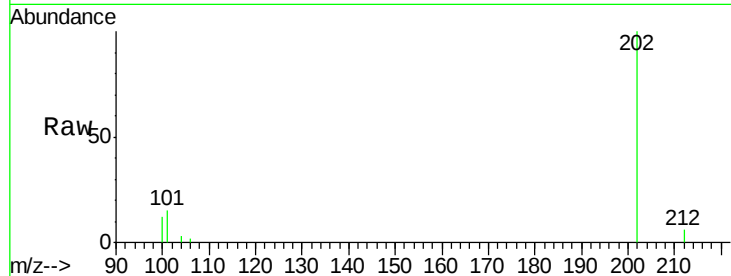
ClientSampled :

C0AA8

Tgt Ion:	202	Resp:	287866
Ion Ratio	Lower	Upper	
202	100		
101	14.8	18.2	27.4#
100	11.6	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.709 ng/ul

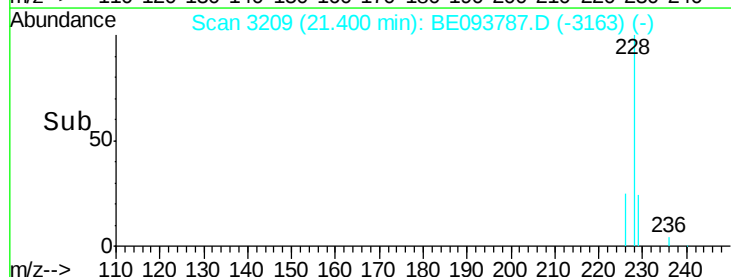
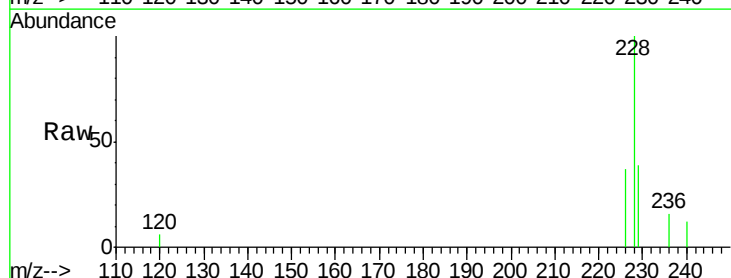
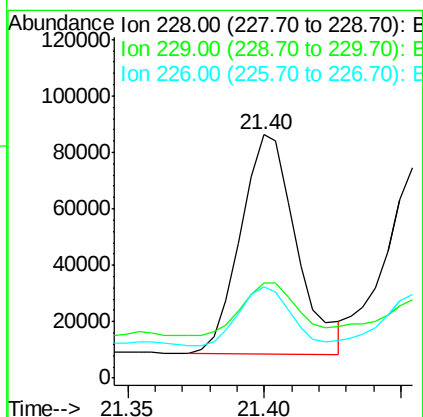
RT: 21.40 min Scan# 3209

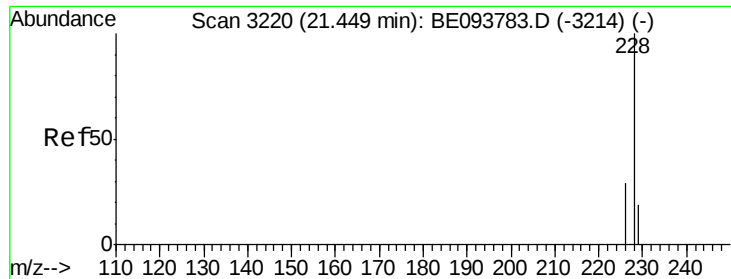
Delta R.T. 0.01 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Tgt Ion:	228	Resp:	110705
Ion Ratio	Lower	Upper	
228	100		
229	38.9	22.8	34.2#
226	37.5	17.0	25.6#





#19

Chrysene

Concen: 1.734 ng/ul

RT: 21.45 min Scan# 3221

Delta R.T. 0.01 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Instrument :

BNA_E

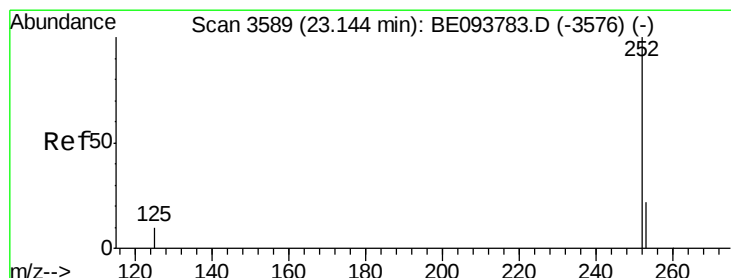
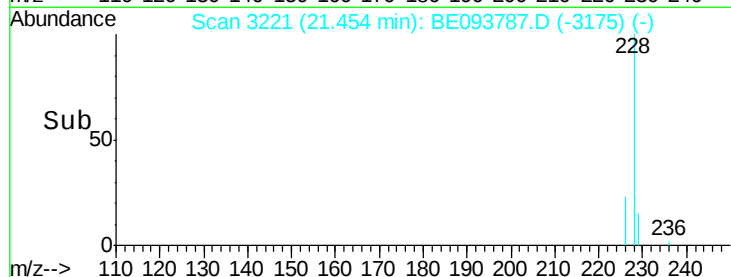
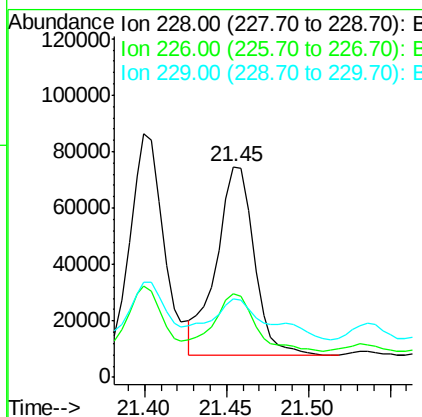
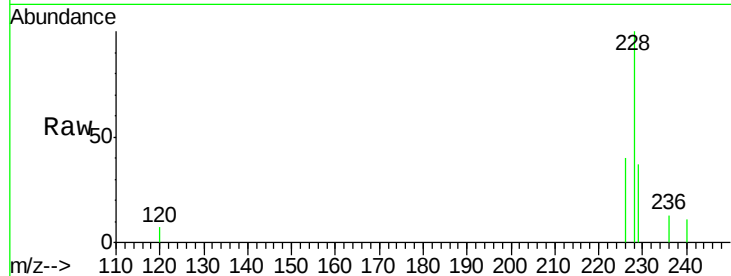
ClientSampled :

C0AA8

Tgt Ion:	228	Resp:	107709
Ion Ratio		Lower	Upper
228	100		
226	39.9	23.4	35.0#
229	37.2	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.058 ng/ul m

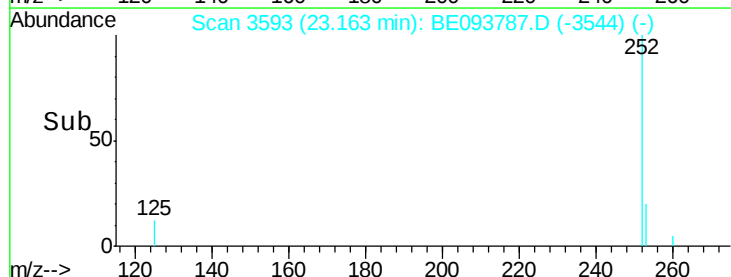
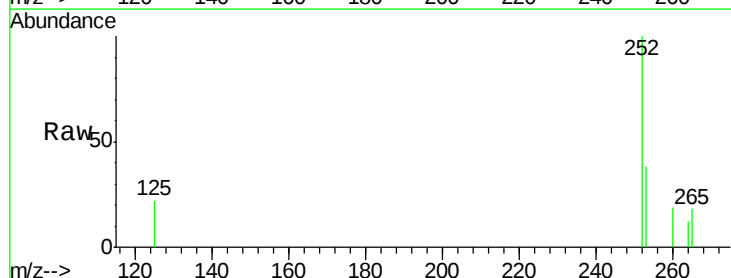
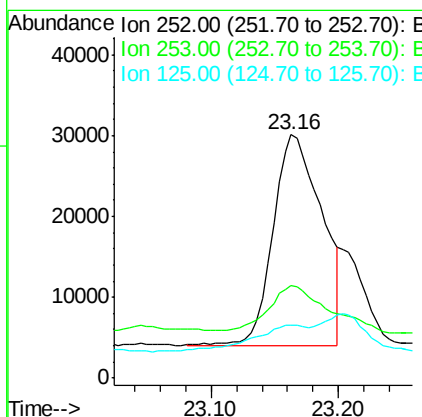
RT: 23.16 min Scan# 3593

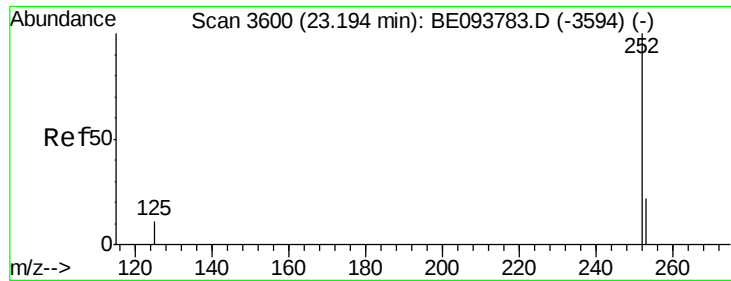
Delta R.T. 0.02 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Tgt Ion:	252	Resp:	70545
Ion Ratio		Lower	Upper
252	100		
253	38.0	0.0	64.2
125	21.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.262 ng/ul m

RT: 23.20 min Scan# 3601

Delta R.T. 0.01 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Instrument :

BNA_E

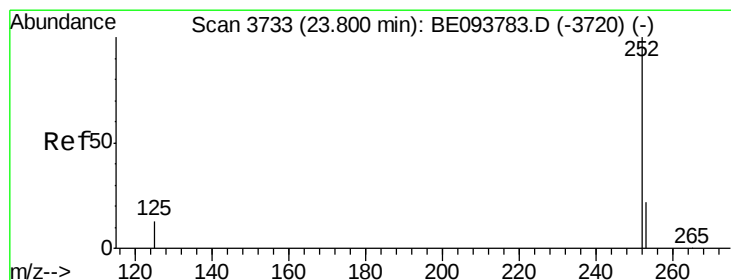
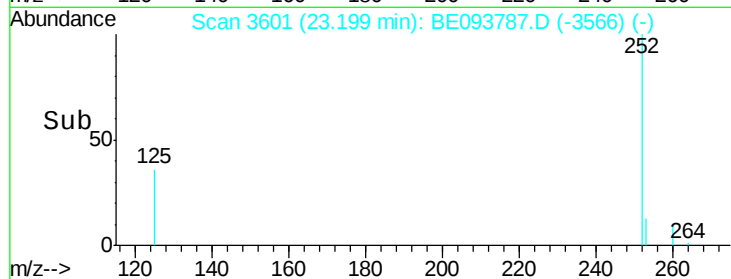
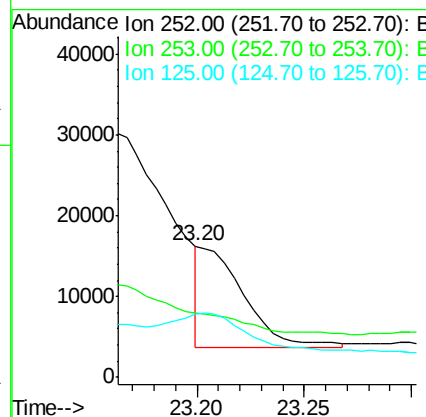
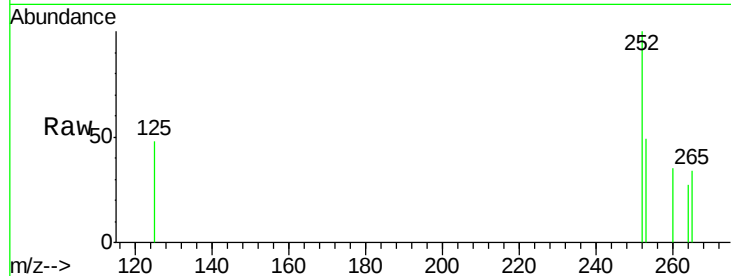
ClientSampleId :

C0AA8

Tgt Ion:	252	Resp:	17225
Ion Ratio	Lower	Upper	
252	100		
253	48.7	24.5	36.7#
125	48.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.088 ng/ul

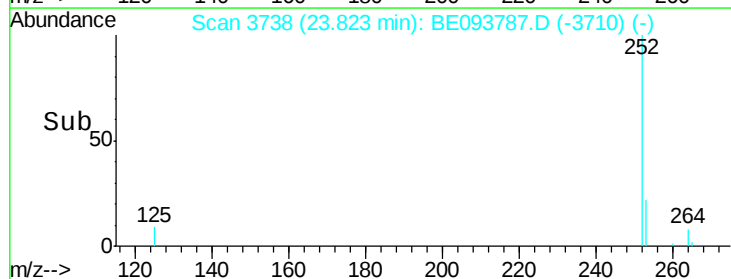
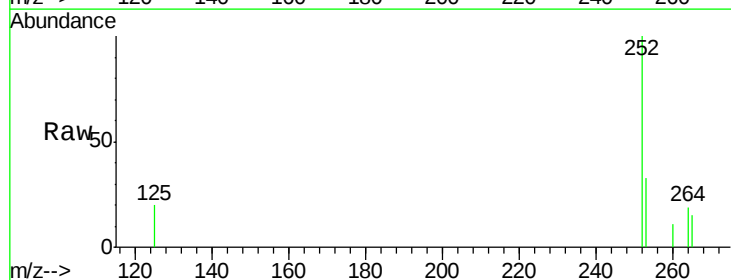
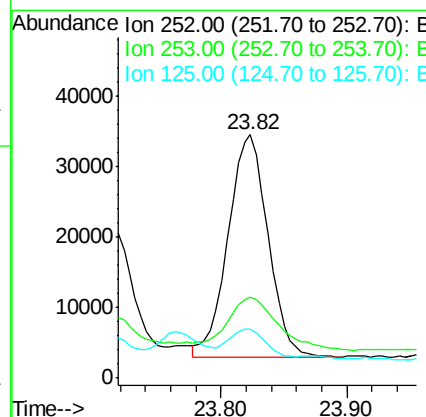
RT: 23.82 min Scan# 3738

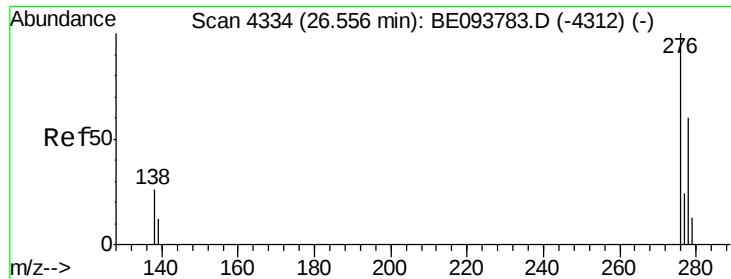
Delta R.T. 0.03 min

Lab File: BE093787.D

Acq: 14 Aug 2017 14:53

Tgt Ion:	252	Resp:	69004
Ion Ratio	Lower	Upper	
252	100		
253	33.2	28.5	42.7
125	20.1	18.1	27.1





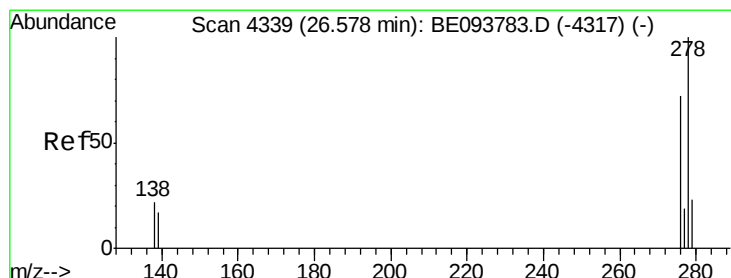
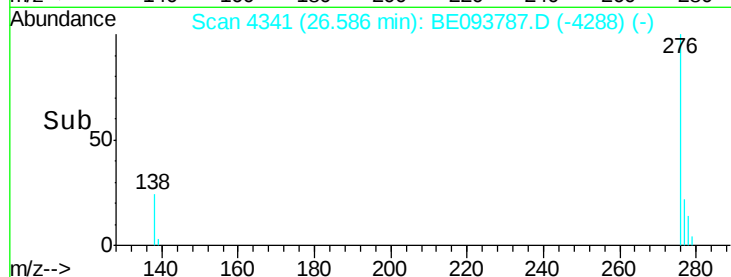
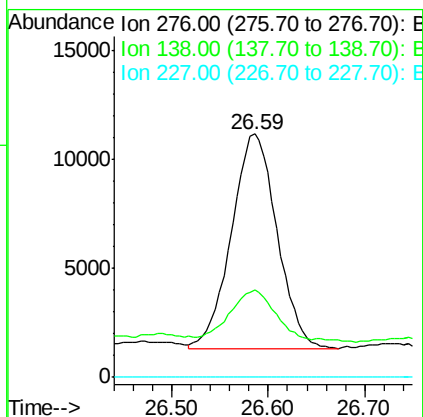
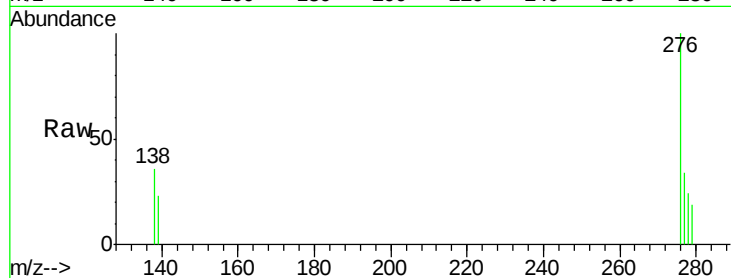
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.460 ng/u1
 RT: 26.59 min Scan# 4341
 Delta R.T. 0.04 min
 Lab File: BE093787.D
 Acq: 14 Aug 2017 14:53

Instrument :
 BNA_E
 ClientSampleId :
 C0AA8

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	32214		
138	25.4		28.0	42.0#
227	0.0		8.0	12.0#

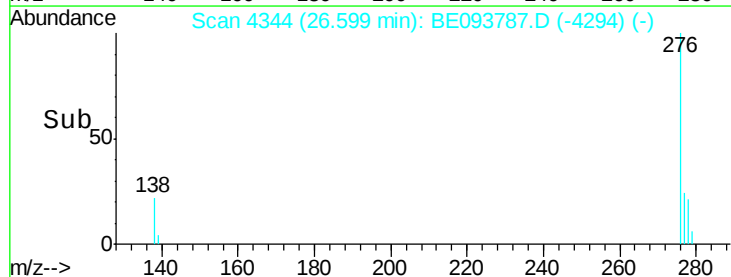
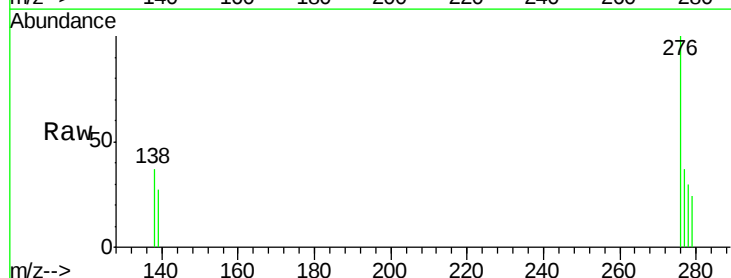
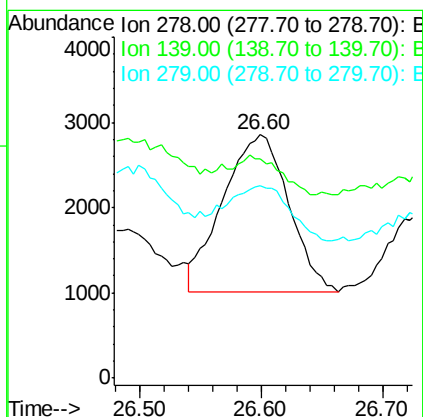
Manual Integrations
 APPROVED

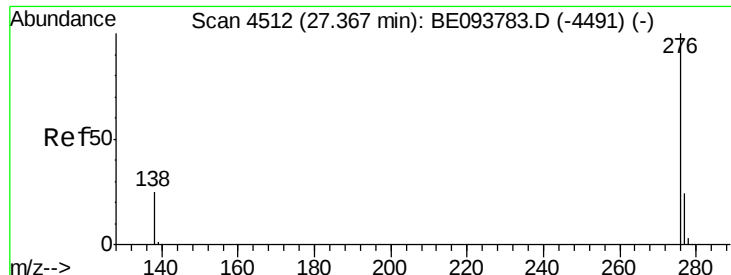
Sohil
 8/15/2017 6:43:14 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.119 ng/u1
 RT: 26.60 min Scan# 4344
 Delta R.T. 0.03 min
 Lab File: BE093787.D
 Acq: 14 Aug 2017 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	6971		
139	89.9		17.4	26.0#
279	79.2		25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.373 ng/ul
 RT: 27.41 min Scan# 4522
 Delta R.T. 0.04 min
 Lab File: BE093787.D
 Acq: 14 Aug 2017 14:53

Instrument :
 BNA_E
 ClientSampleId :
 C0AA8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.3	21.8	32.8#
277	36.9	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:14 PM

