

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093838.D
 Acq On : 16 Aug 2017 13:29
 Operator : SJ/JU
 Sample : I4672-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG6

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:25 PM

Quant Time: Aug 17 01:54:19 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 00:58:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2237	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11851	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7037	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14884	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	15960	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19553	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3663	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9008	0.19	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	15349	0.532	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	13268	0.631	ng/ul	98
7) Acenaphthylene	14.24	152	46432	1.577	ng/ul	96
8) Acenaphthene	14.58	153	6382	0.276	ng/ul	98
9) Fluorene	15.57	166	56571m	1.932	ng/ul	
12) Phenanthrene	17.29	178	544693	13.438	ng/ul#	89
13) Anthracene	17.38	178	140823	3.567	ng/ul#	90
15) Fluoranthene	19.30	202	732517	14.451	ng/ul	84
17) Pyrene	19.66	202	570020	12.236	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	310969	6.720	ng/ul#	84
19) Chrysene	21.45	228	243819	5.493	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	292320m	4.833	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	128691m	2.158	ng/ul	
23) Benzo(a)pyrene	23.80	252	192248	3.342	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.55	276	112055	1.764	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.56	278	26426	0.498	ng/ul	97
26) Benzo(a,h,i)perylene	27.37	276	80839	1.510	ng/ul	98

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

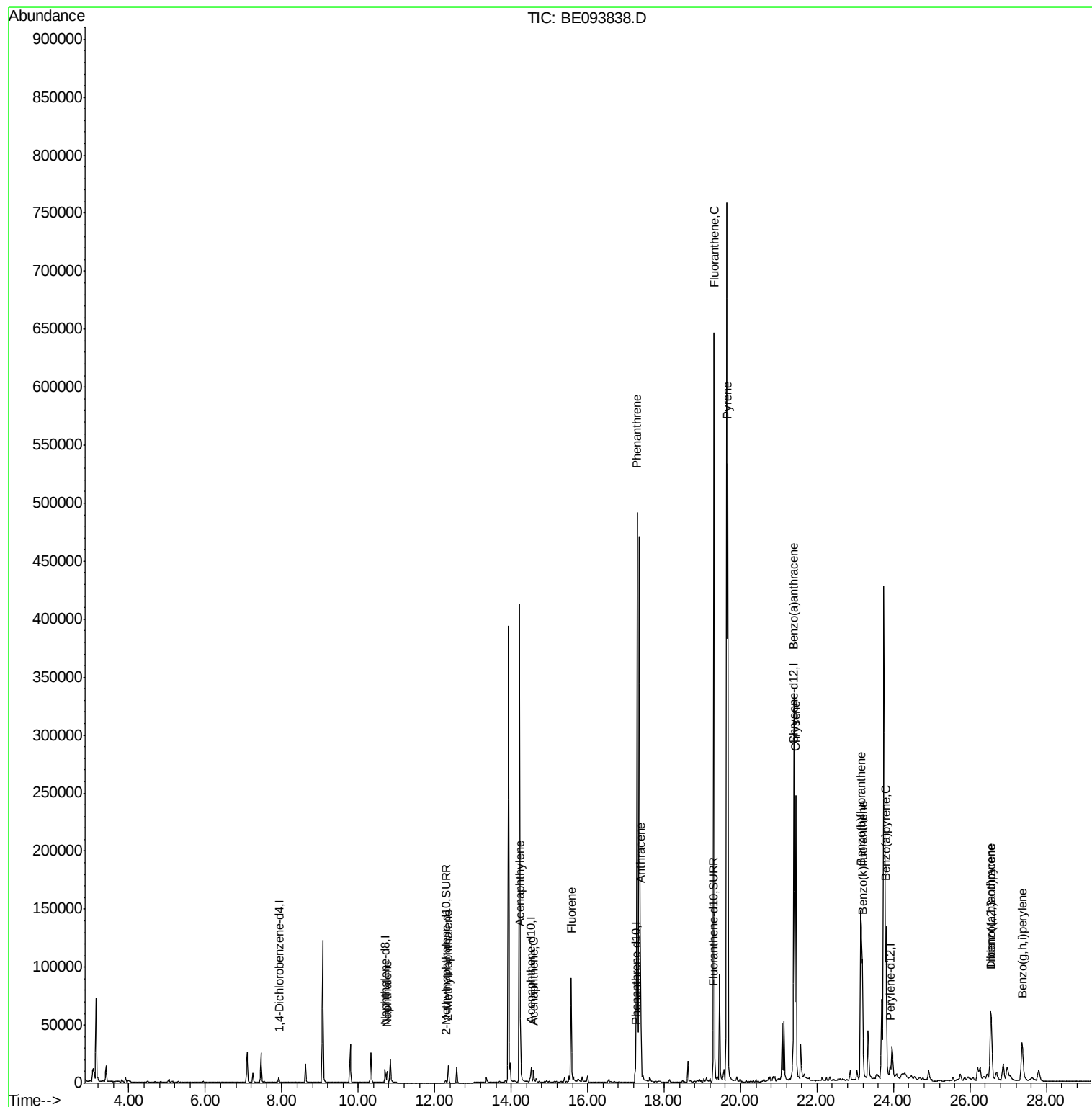
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
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ALS Vial : 7 Sample Multiplier: 1

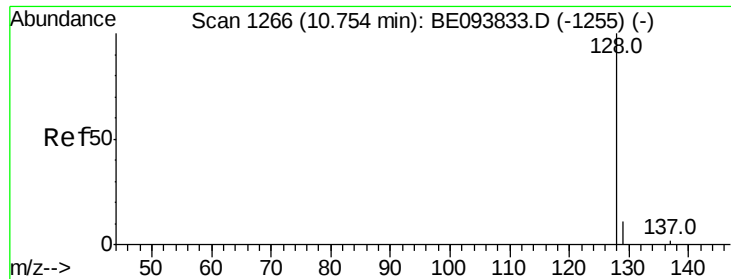
Instrument :
BNA_E
ClientSampled :
C0AG6

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

Naphthalene

Concen: 0.532 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Instrument :

BNA_E

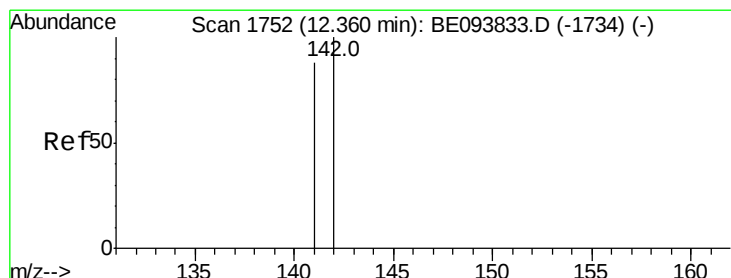
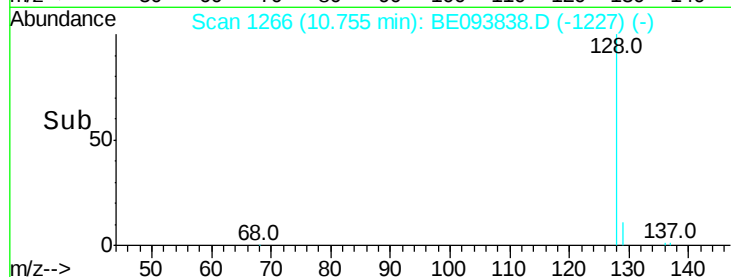
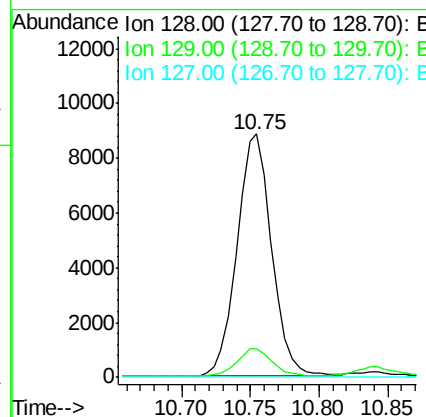
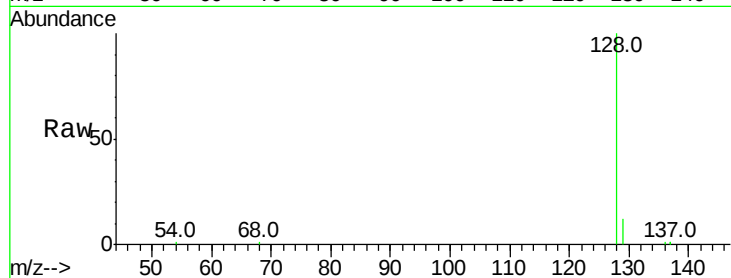
ClientSampleId :

C0AG6

Tot Ion:128	Resp:	15349
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: 0.631 ng/ul

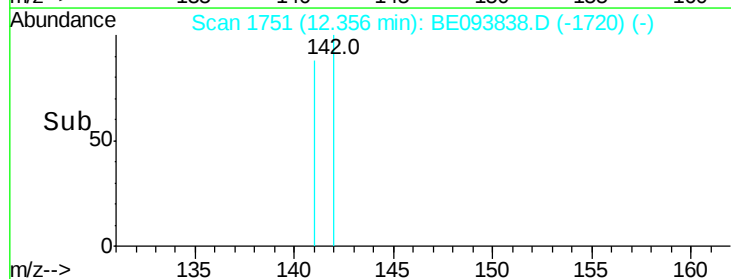
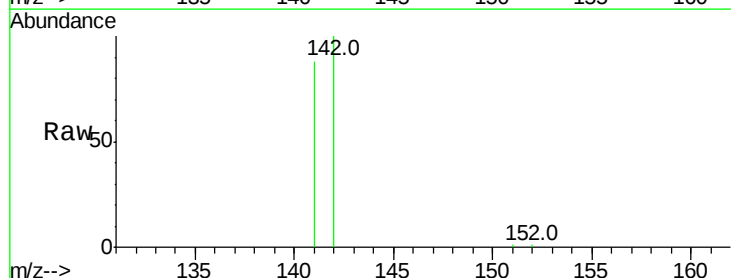
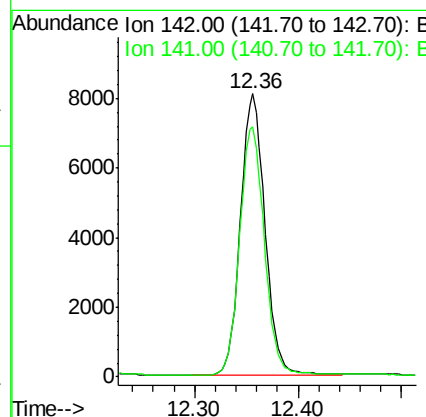
RT: 12.36 min Scan# 1751

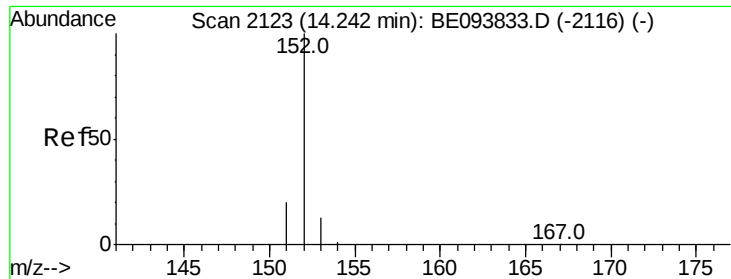
Delta R.T. -0.00 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Tgt Ion:142	Resp:	13268
Ion Ratio	Lower	Upper
142 100		
141 89.2	72.6	108.8





#7

Acenaphthylene

Concen: 1.577 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Instrument :

BNA_E

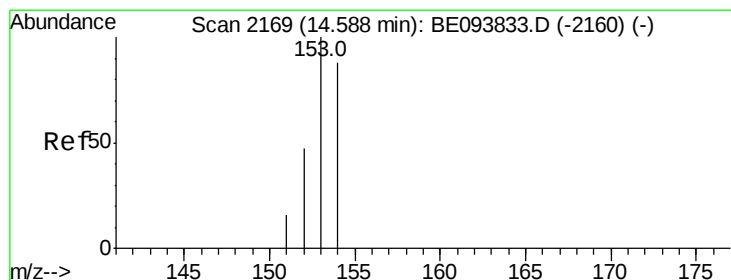
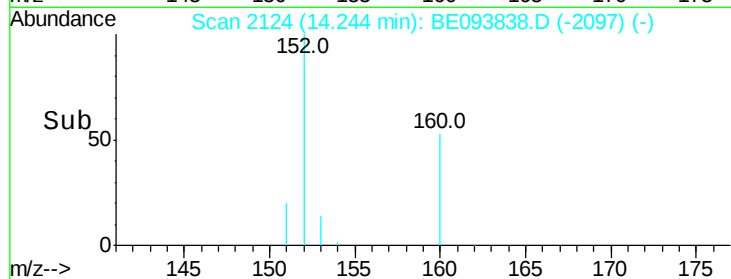
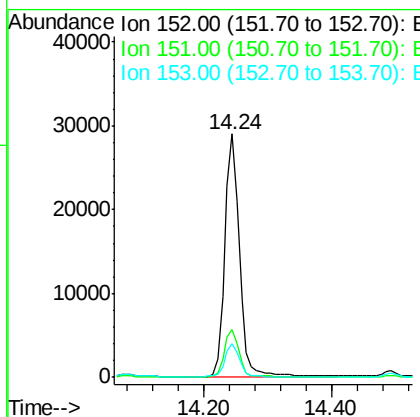
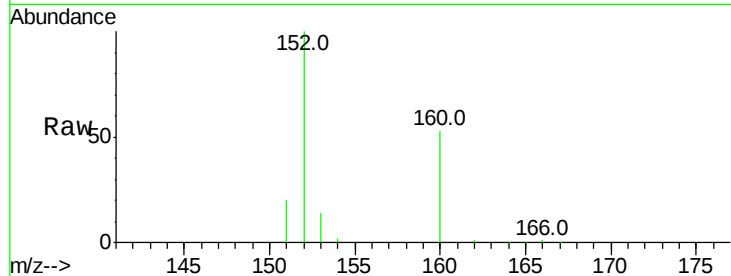
ClientSampleId :

C0AG6

Tot Ion:	152	Resp:	46432
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.1	25.7
153	14.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.276 ng/ul

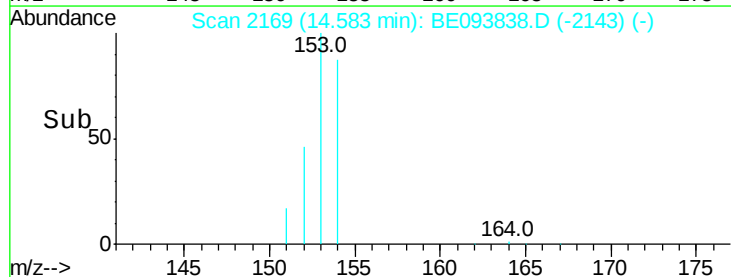
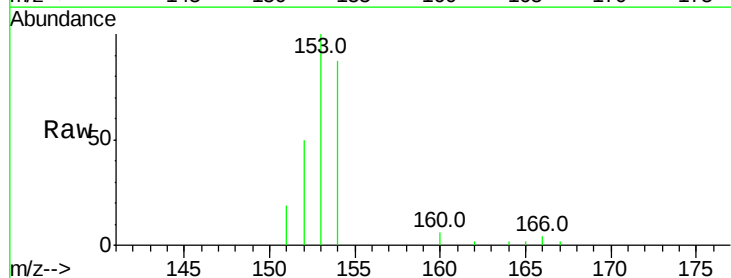
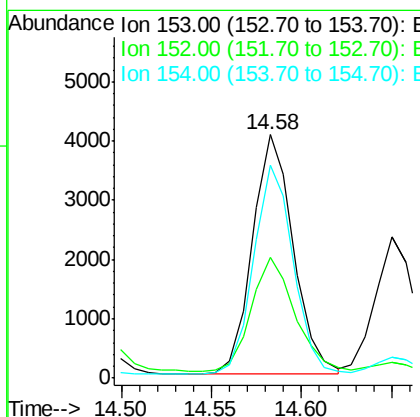
RT: 14.58 min Scan# 2169

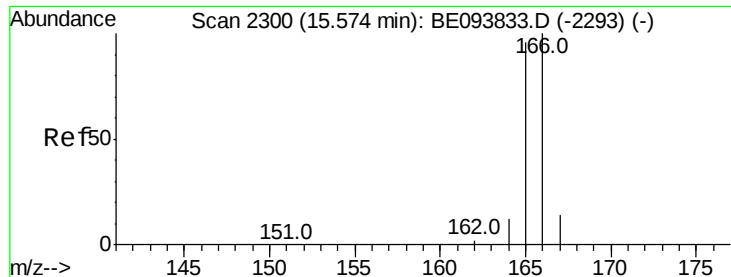
Delta R.T. -0.01 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Tgt Ion:	153	Resp:	6382
Ion Ratio	Lower	Upper	
153	100		
152	49.8	40.3	60.5
154	87.3	71.4	107.2





#9

Fluorene

Concen: 1.932 ng/ul m

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Instrument :

BNA_E

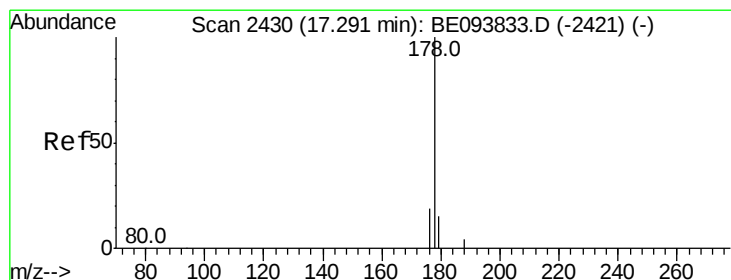
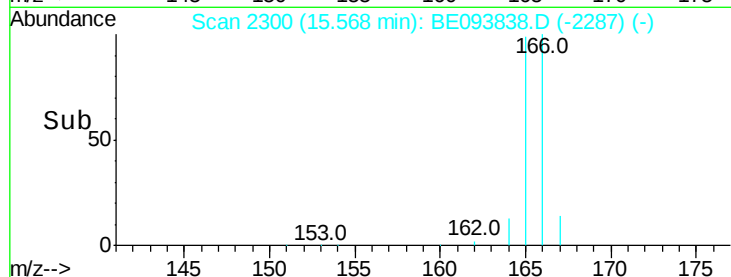
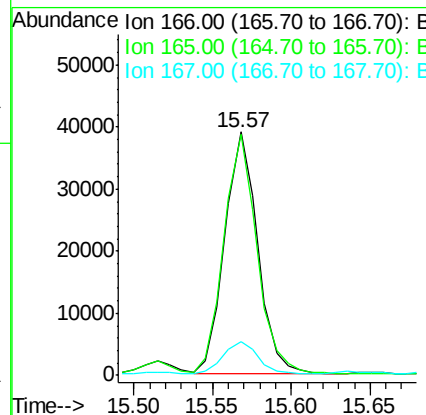
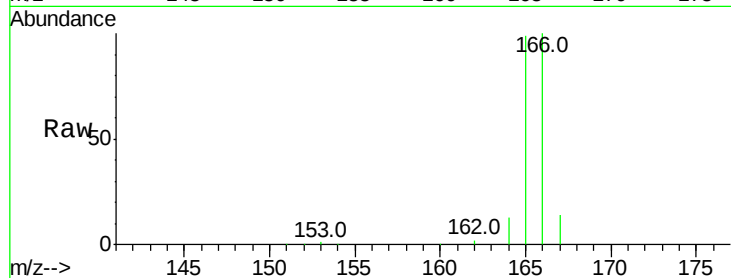
ClientSampled :

C0AG6

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	13.9	14.6	22.0

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#12

Phenanthrene

Concen: 13.438 ng/ul

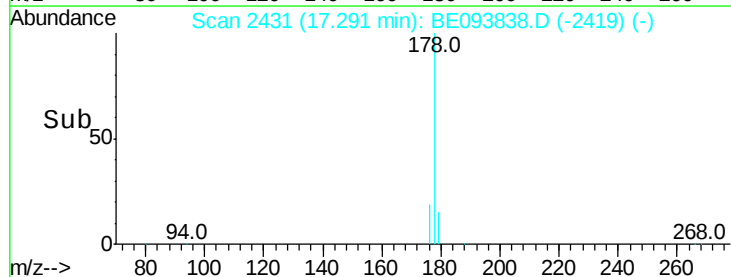
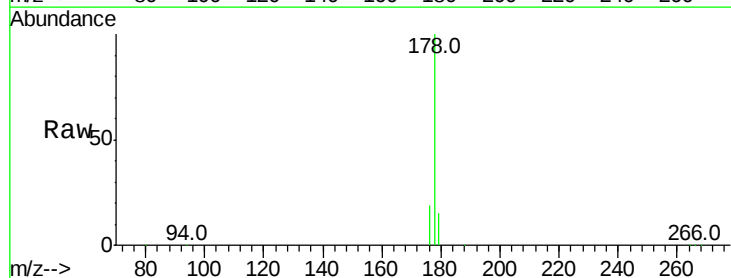
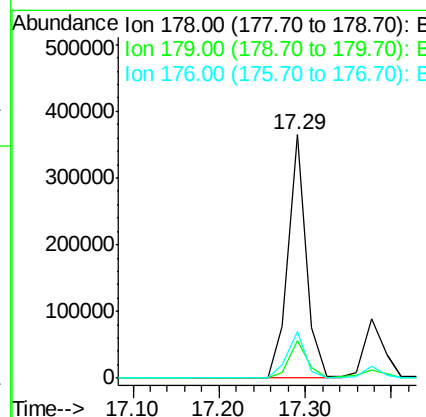
RT: 17.29 min Scan# 2431

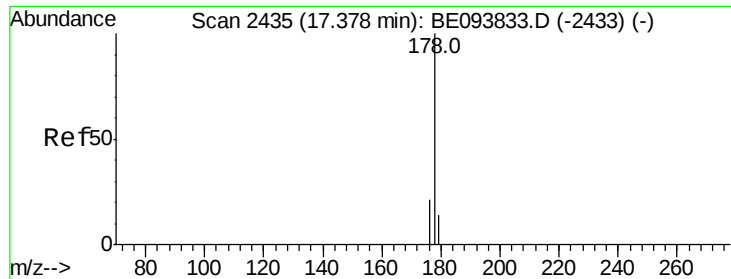
Delta R.T. -0.00 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6
176	19.3	13.6	20.4





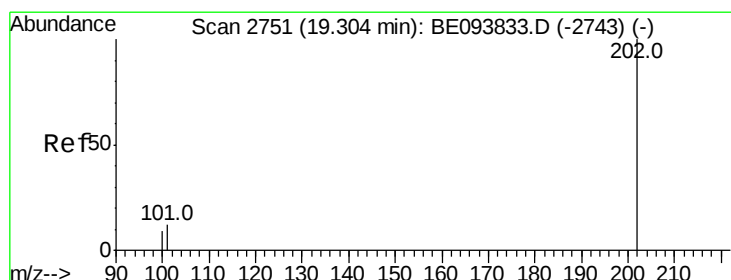
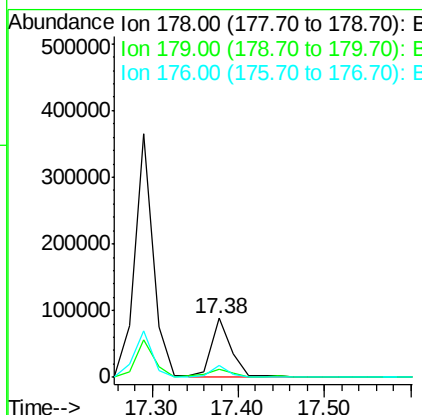
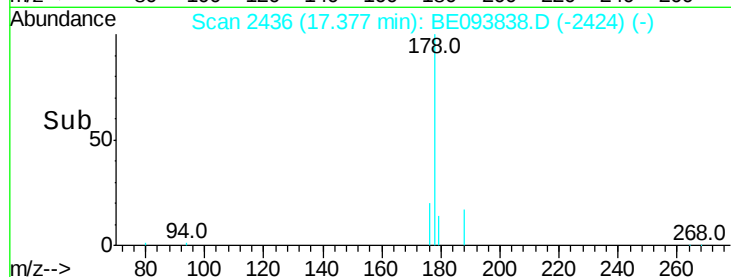
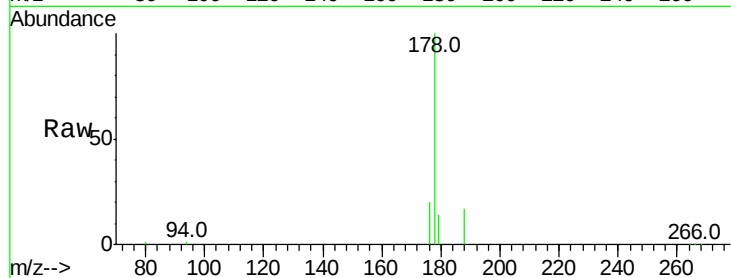
#13
 Anthracene
 Concen: 3.567 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE093838.D
 Acq: 16 Aug 2017 13:29

Instrument :
 BNA_E
 ClientSampled :
 C0AG6

Tot Ion:178 Resp: 140823
 Ion Ratio Lower Upper
 178 100
 179 14.5 18.1 27.1#
 176 19.6 14.7 22.1

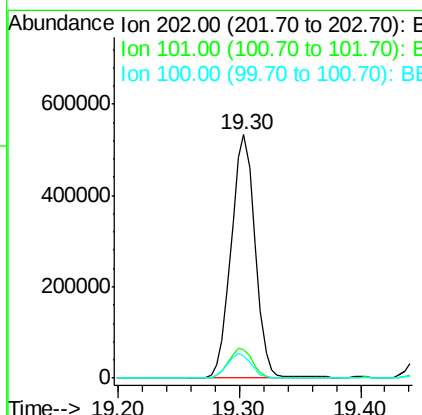
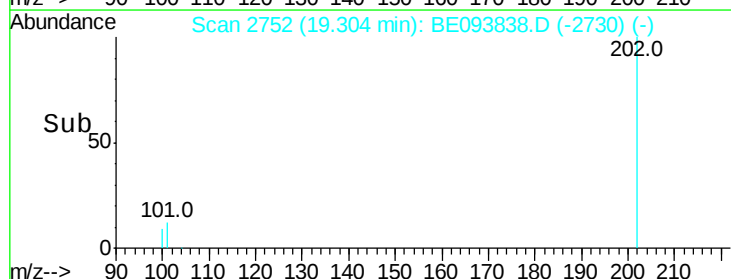
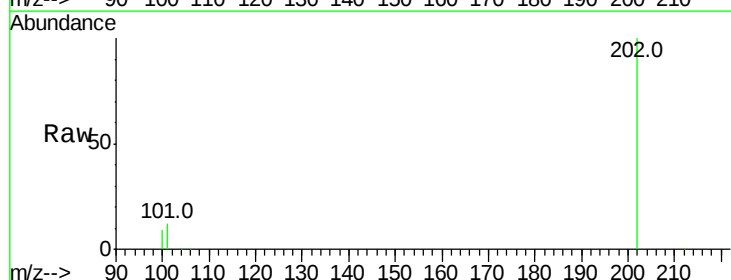
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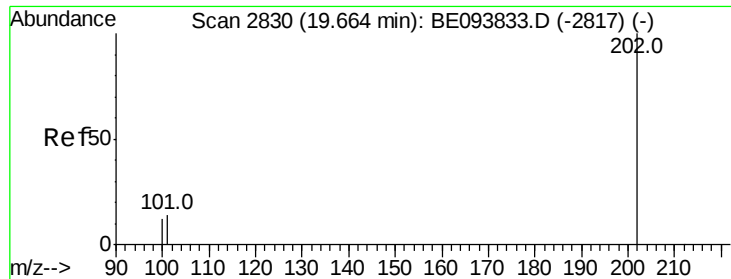
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#15
 Fluoranthene
 Concen: 14.451 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BE093838.D
 Acq: 16 Aug 2017 13:29

Tgt Ion:202 Resp: 732517
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 30.3
 100 9.4 0.0 39.5





#17

Pvrene

Concen: 12.236 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Instrument :

BNA_E

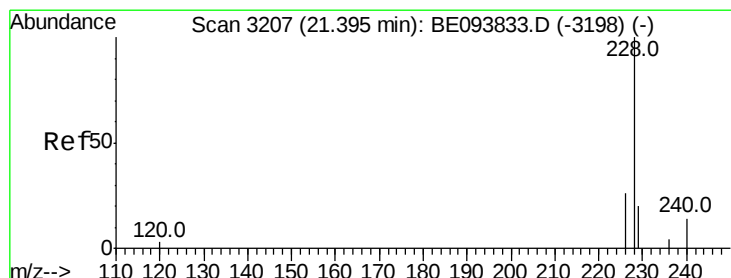
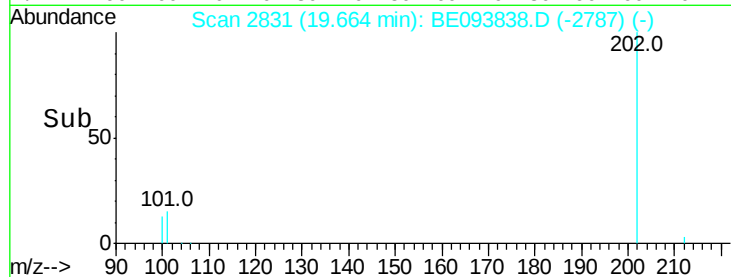
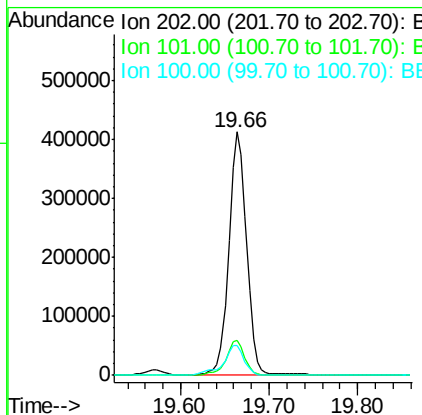
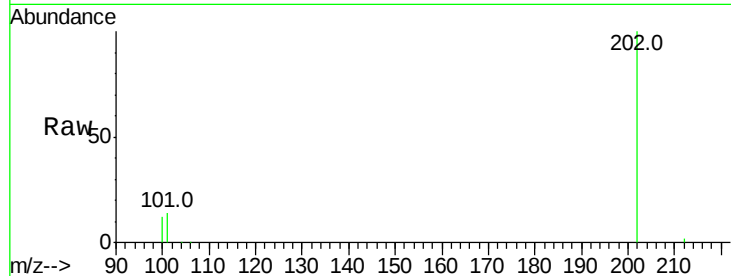
ClientSampleId :

C0AG6

Tot Ion:	202	Resp:	570020
Ion Ratio	Lower	Upper	
202	100		
101	14.2	18.2	27.4#
100	12.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 6.720 ng/ul

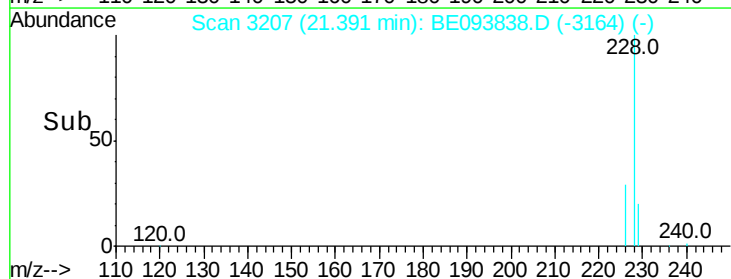
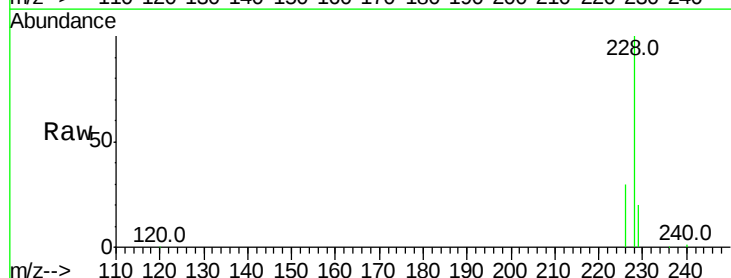
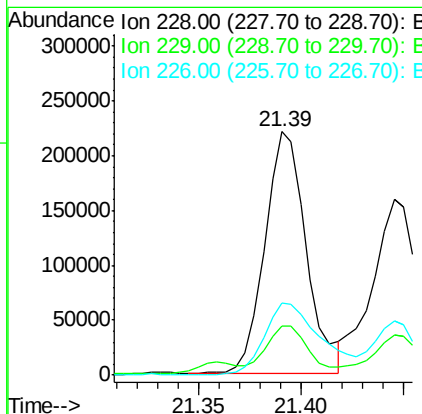
RT: 21.39 min Scan# 3207

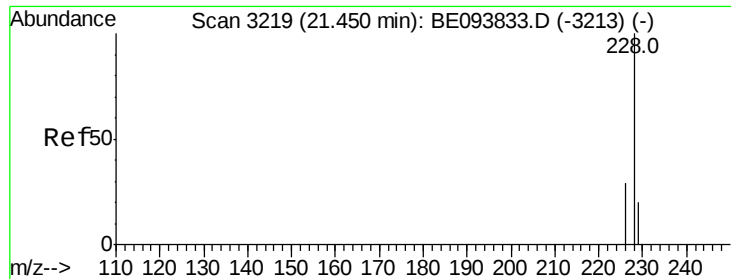
Delta R.T. -0.00 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Tgt Ion:	228	Resp:	310969
Ion Ratio	Lower	Upper	
228	100		
229	20.4	22.8	34.2#
226	29.6	17.0	25.6#





#19

Chrysene

Concen: 5.493 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Instrument :

BNA_E

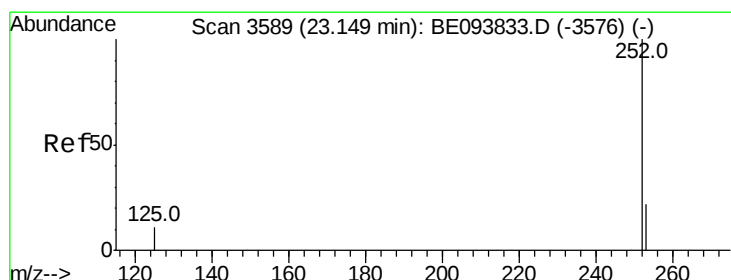
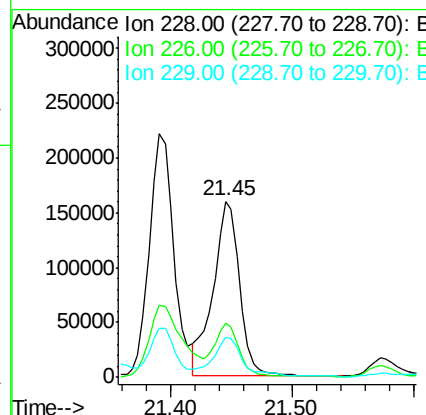
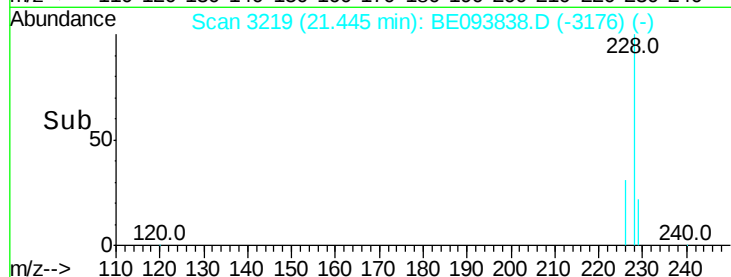
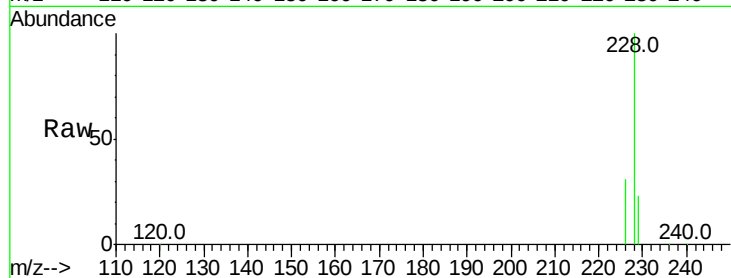
ClientSampled :

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Tot Ion:	228	Resp:	243819
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.0
229	22.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.833 ng/ul m

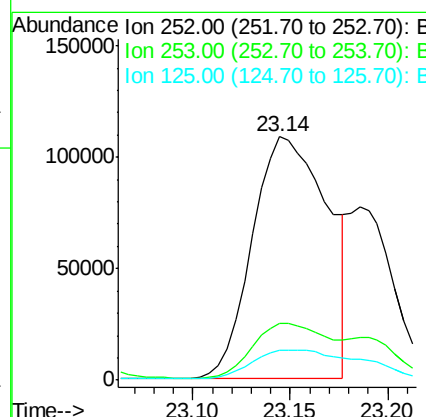
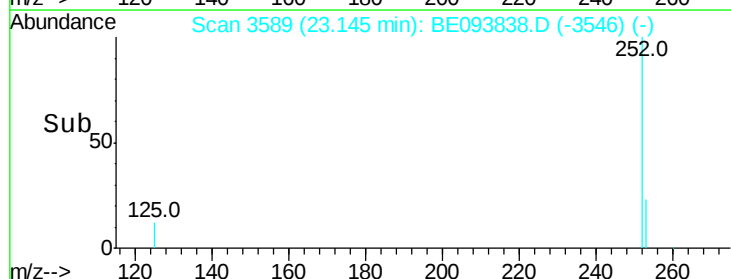
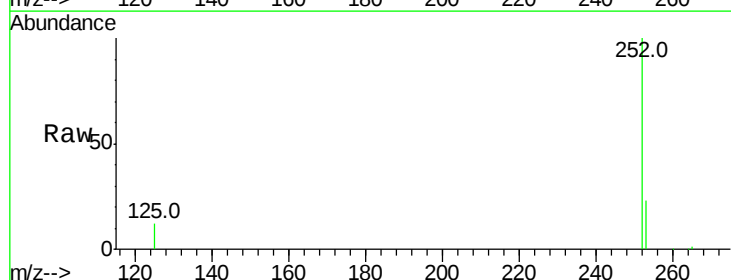
RT: 23.14 min Scan# 3589

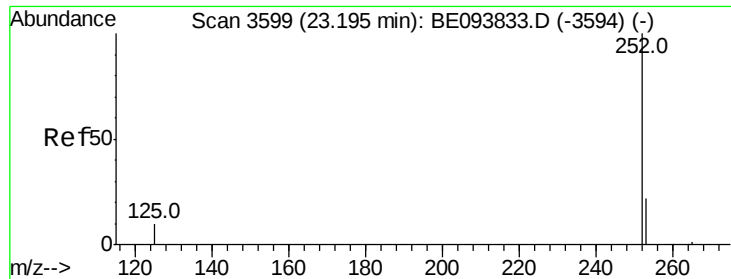
Delta R.T. -0.00 min

Lab File: BE093838.D

Acq: 16 Aug 2017 13:29

Tgt Ion:	252	Resp:	292320
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	12.1	0.0	35.0





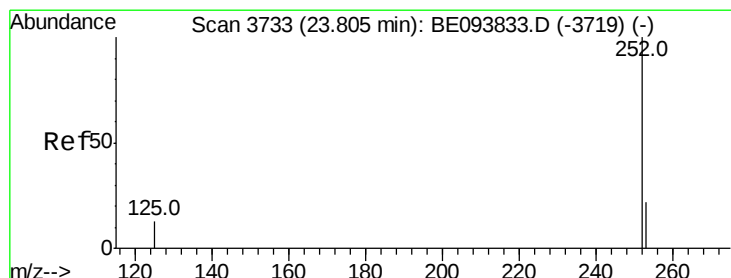
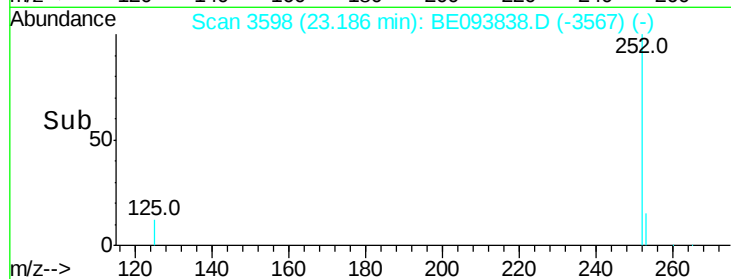
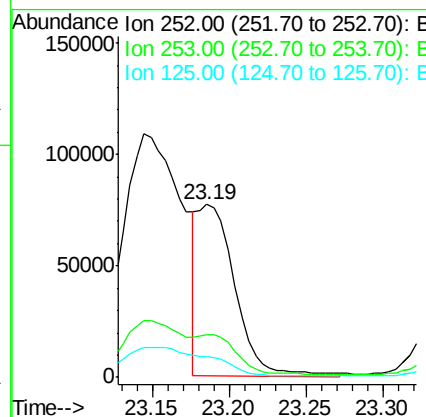
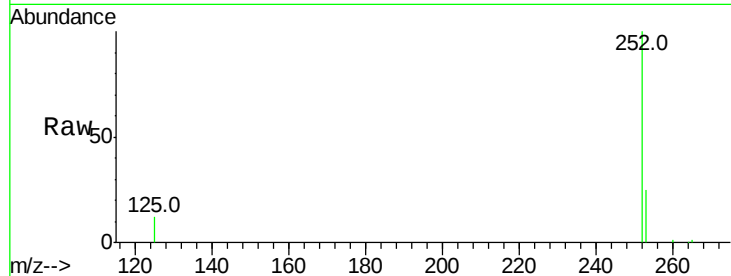
#22
Benzo(k)fluoranthene
Concen: 2.158 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.01 min
Lab File: BE093838.D
Acq: 16 Aug 2017 13:29

Instrument :
BNA_E
ClientSampleId :
C0AG6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	24.5	36.7
125	12.1	13.7	20.5#

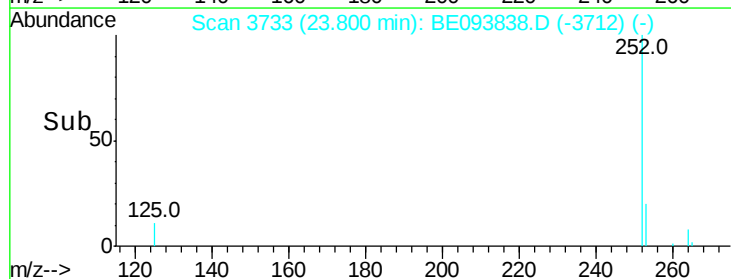
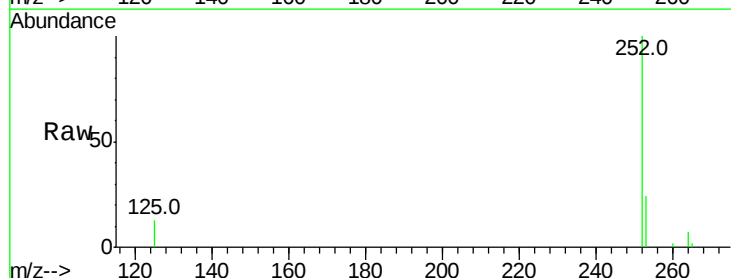
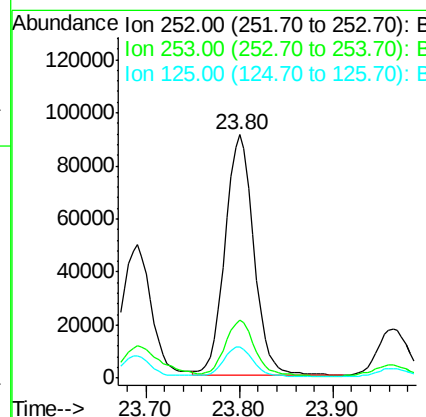
Manual Integrations
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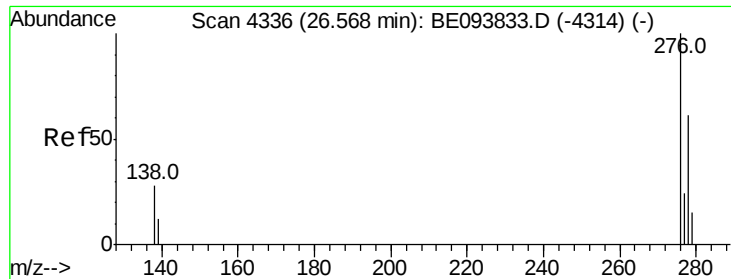
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#23
Benzo(a)pyrene
Concen: 3.342 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE093838.D
Acq: 16 Aug 2017 13:29

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	28.5	42.7#
125	12.7	18.1	27.1#





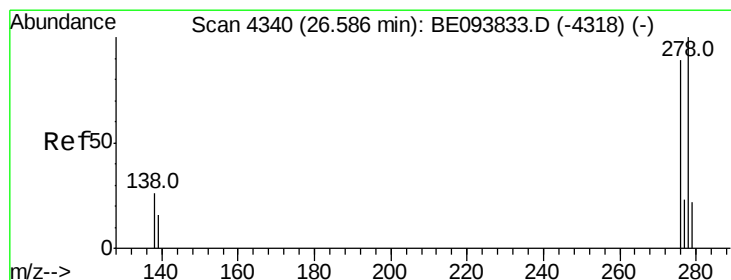
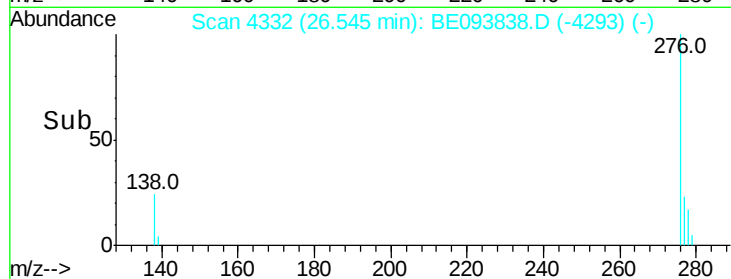
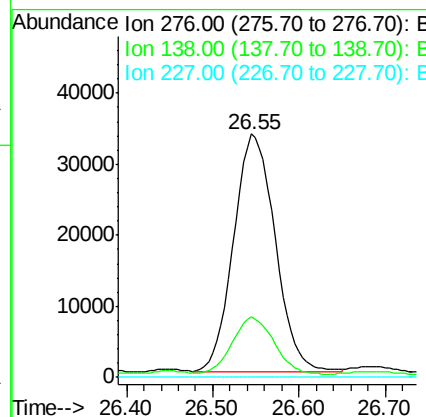
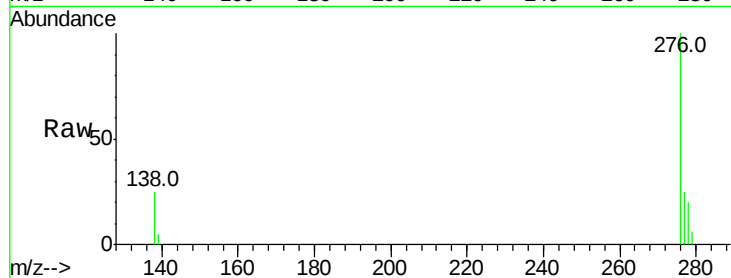
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.764 ng/ul
 RT: 26.55 min Scan# 4332
 Delta R.T. -0.02 min
 Lab File: BE093838.D
 Acq: 16 Aug 2017 13:29

Instrument :
 BNA_E
 ClientSampleId :
 C0AG6

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	23.9	28.0	42.0#
227	0.0	8.0	12.0#

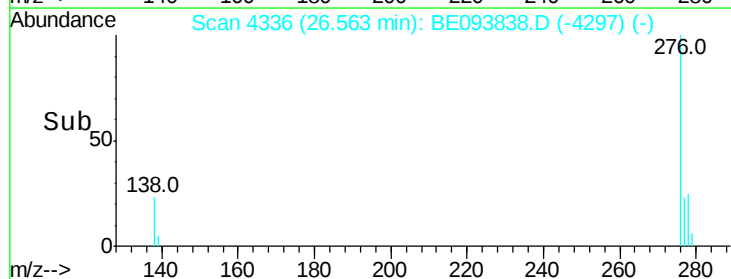
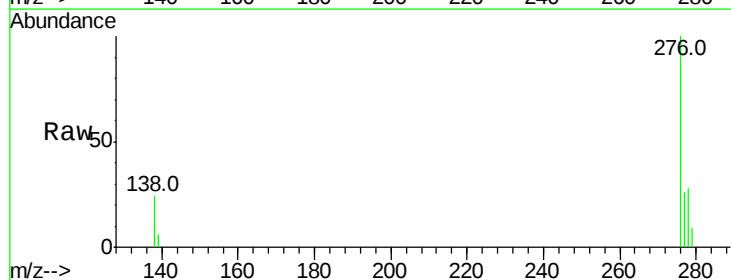
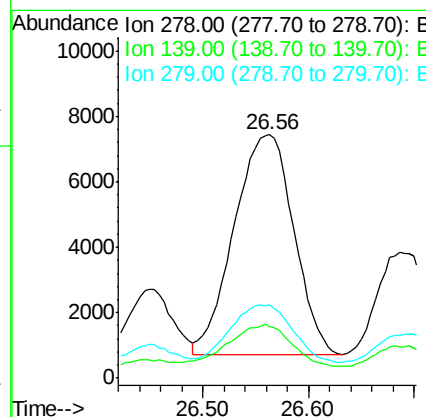
Manual Integrations
 APPROVED

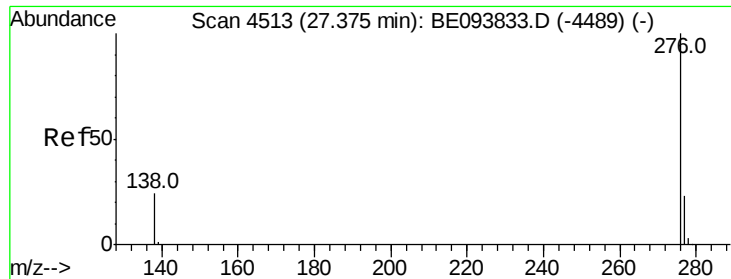
Sohil
 8/17/2017 5:59:25 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.498 ng/ul
 RT: 26.56 min Scan# 4336
 Delta R.T. -0.02 min
 Lab File: BE093838.D
 Acq: 16 Aug 2017 13:29

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.3	17.4	26.0
279	30.3	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 1.510 ng/ul

RT: 27.37 min Scan# 4512

Delta R.T. -0.01 min

Lab File: BE093838.D

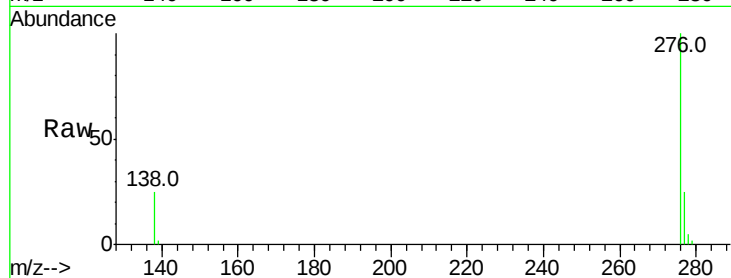
Acq: 16 Aug 2017 13:29

Instrument :

BNA_E

ClientSampleId :

C0AG6



Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:25 PM

