

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:10:41 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	2185	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11555	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7004	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14794	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	15463	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	14865m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4188	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10239	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	29996	1.067	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	22865	1.115	ng/ul	99
7) Acenaphthylene	14.24	152	11691	0.399	ng/ul	98
8) Acenaphthene	14.58	153	4806	0.209	ng/ul	96
9) Fluorene	15.57	166	8707	0.299	ng/ul	93
12) Phenanthrene	17.29	178	189508	4.704	ng/ul#	90
13) Anthracene	17.38	178	25279	0.644	ng/ul#	91
15) Fluoranthene	19.30	202	306128	6.076	ng/ul	85
17) Pyrene	19.66	202	281989	6.248	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	135383	3.020	ng/ul#	85
19) Chrysene	21.44	228	149112	3.468	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	166568	3.622	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	75497m	1.665	ng/ul	
23) Benzo(a)pyrene	23.80	252	119342m	2.729	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	74066m	1.534	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	19037m	0.472	ng/ul	
26) Benzo(a,h,i)perylene	27.37	276	61061m	1.501	ng/ul	

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

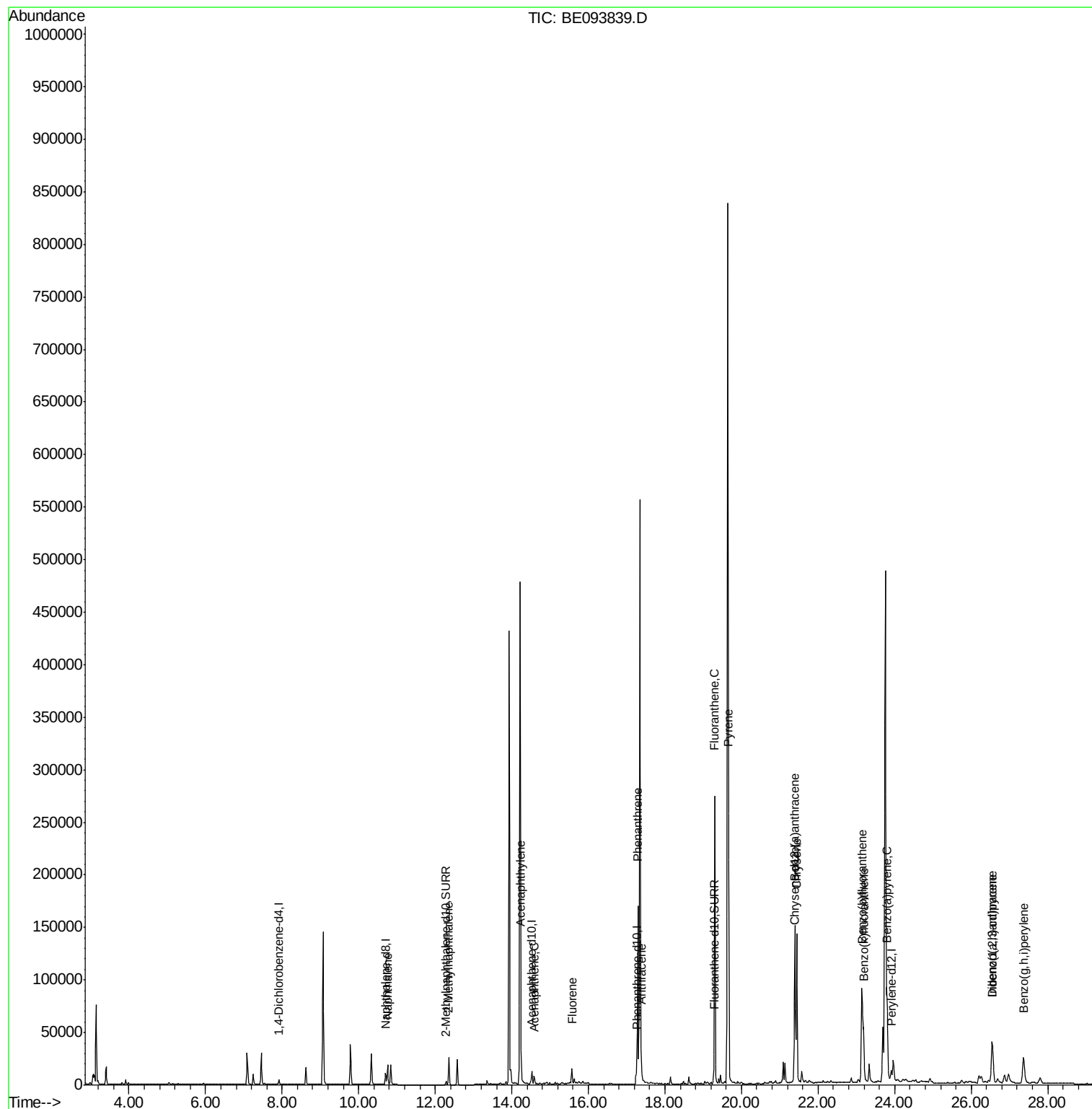
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093839.D
Acq On : 16 Aug 2017 14:08
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ALS Vial : 8 Sample Multiplier: 1

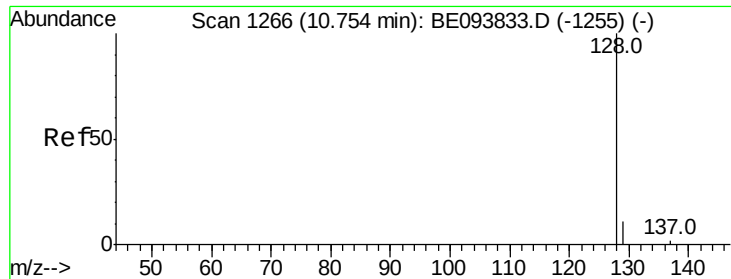
Instrument :
BNA_E
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#3

Naphthalene

Concen: 1.067 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Instrument :

BNA_E

ClientSampleId :

C0AH1

Tot Ion:128 Resp: 29996

Ion Ratio Lower Upper

128 100

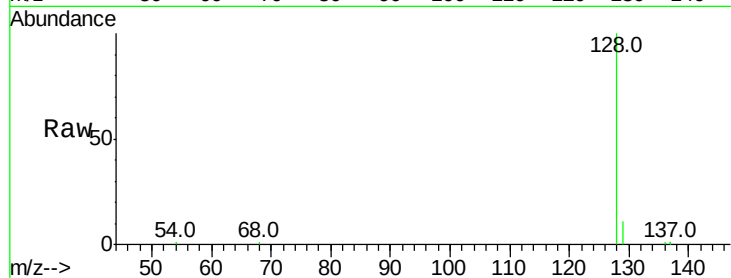
129 11.3 11.3 16.9

127 0.0 4.0 6.0#

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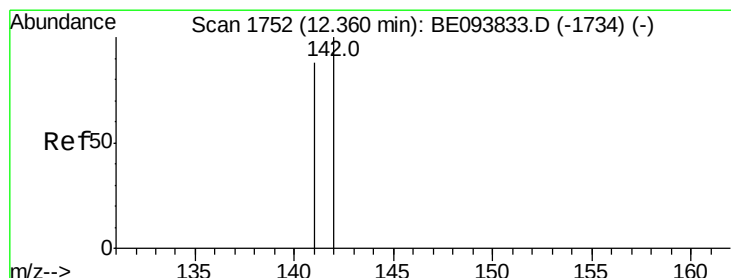
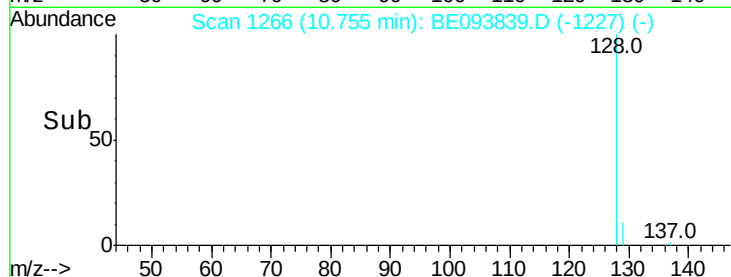
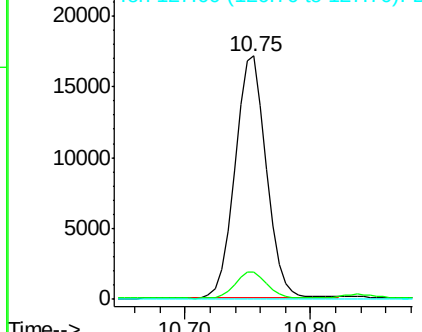
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.115 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093839.D

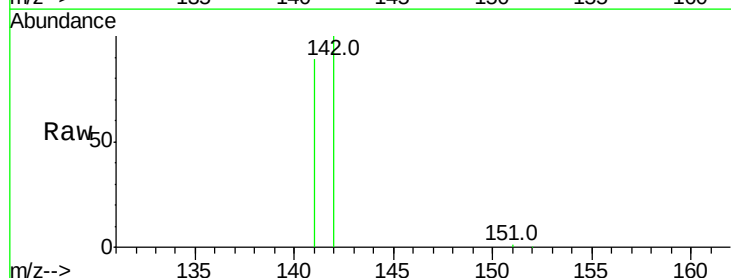
Acq: 16 Aug 2017 14:08

Tgt Ion:142 Resp: 22865

Ion Ratio Lower Upper

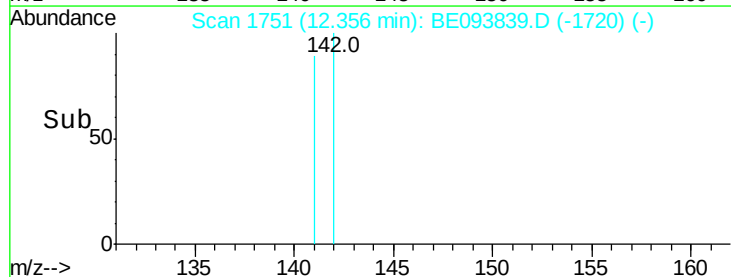
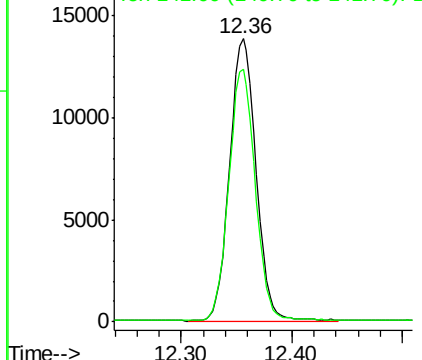
142 100

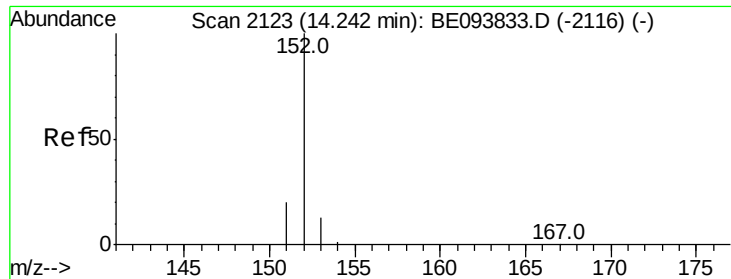
141 89.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.399 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Instrument :

BNA_E

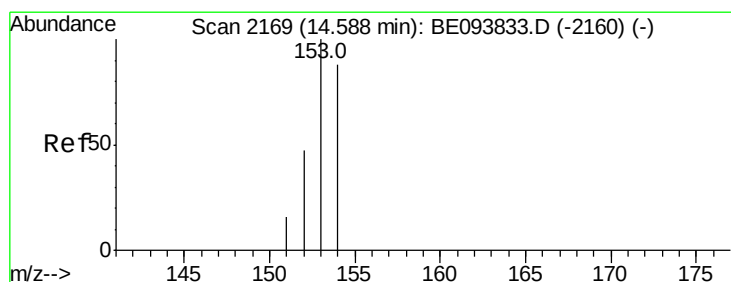
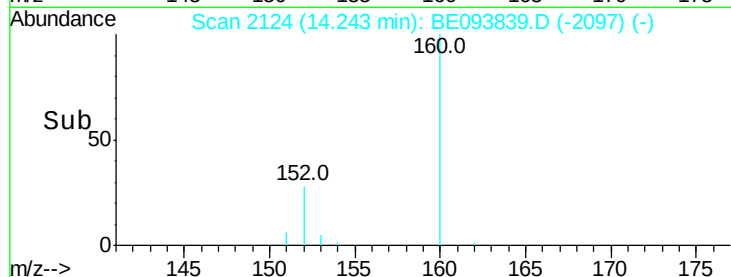
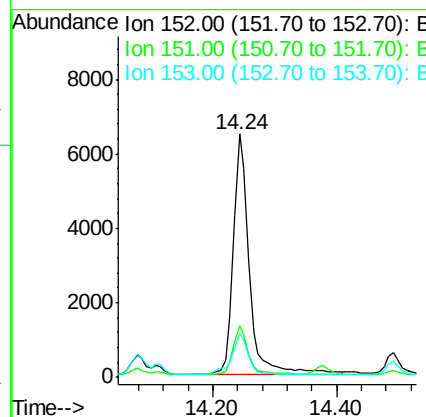
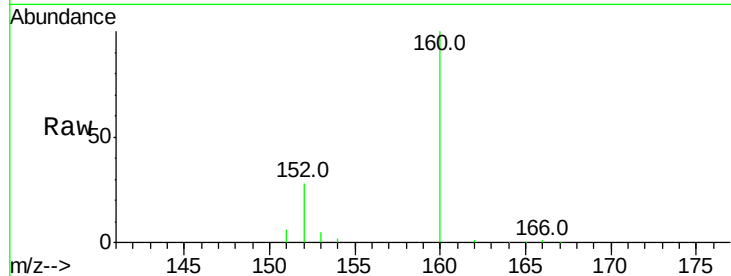
ClientSampleId :

C0AH1

Tot Ion:	152	Resp:	11691
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	18.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.209 ng/ul

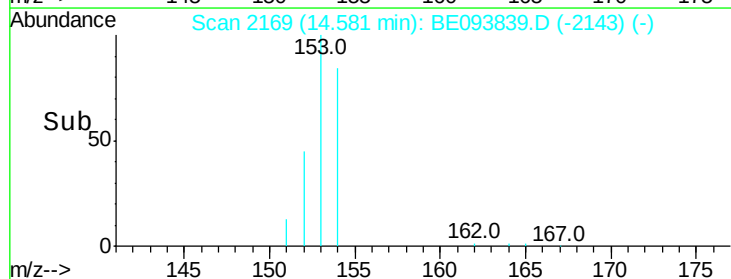
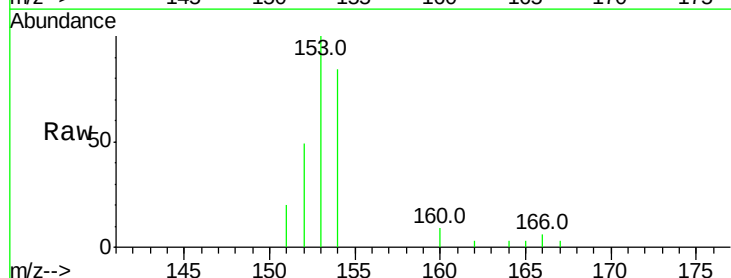
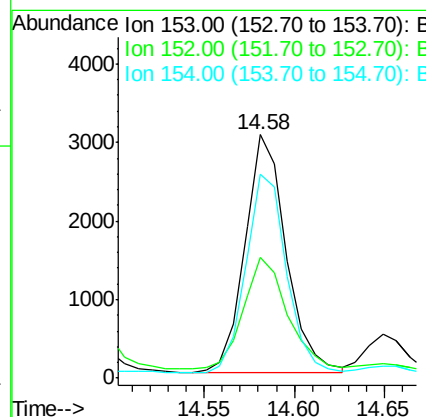
RT: 14.58 min Scan# 2169

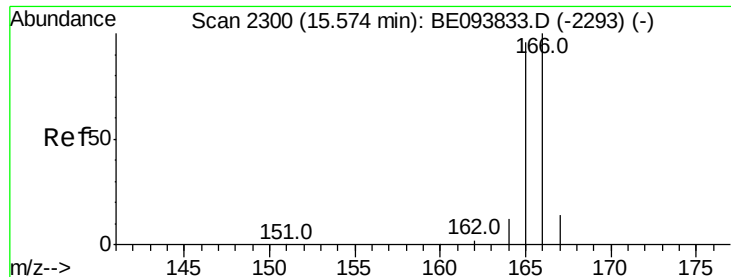
Delta R.T. -0.01 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Tgt Ion:	153	Resp:	4806
Ion Ratio	Lower	Upper	
153	100		
152	49.5	40.3	60.5
154	83.8	71.4	107.2





#9

Fluorene

Concen: 0.299 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Instrument :

BNA_E

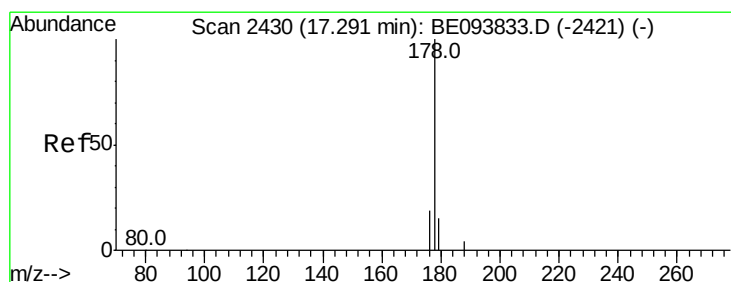
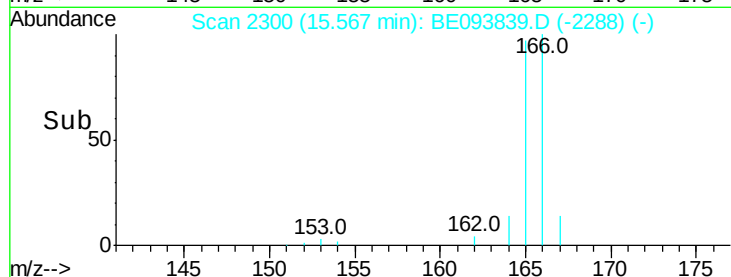
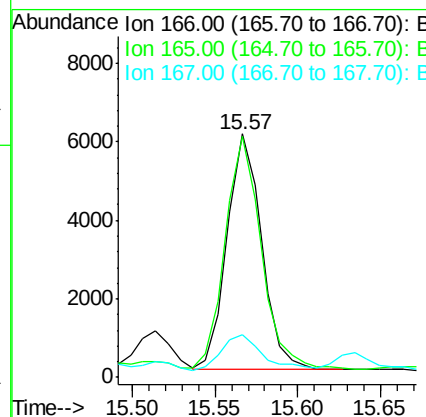
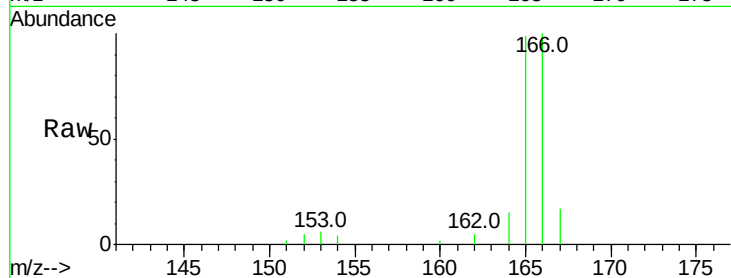
ClientSampleId :

C0AH1

Tot Ion:	166	Resp:	8707
Ion Ratio	Lower	Upper	
166	100		
165	99.1	73.4	110.2
167	17.3	14.6	22.0

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#12

Phenanthrene

Concen: 4.704 ng/ul

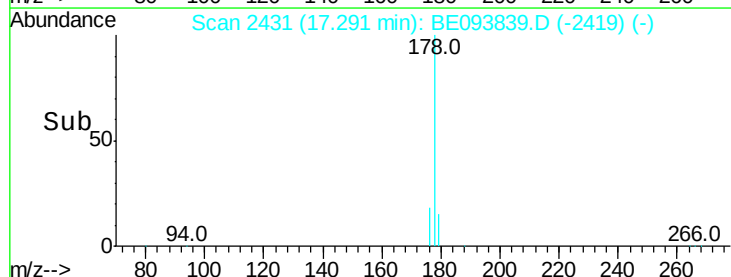
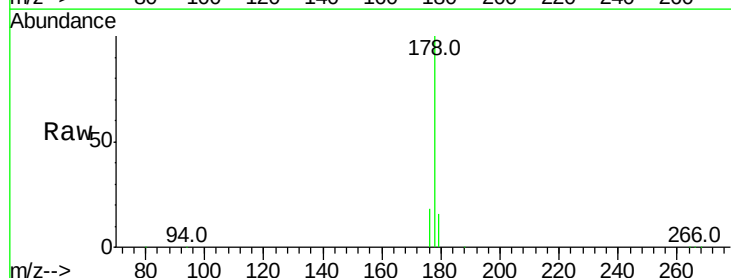
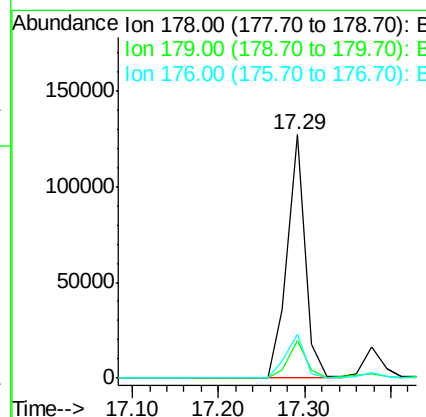
RT: 17.29 min Scan# 2431

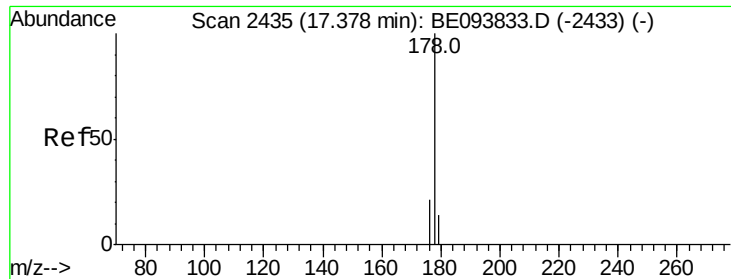
Delta R.T. 0.00 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Tgt Ion:	178	Resp:	189508
Ion Ratio	Lower	Upper	
178	100		
179	15.5	18.4	27.6#
176	18.0	13.6	20.4





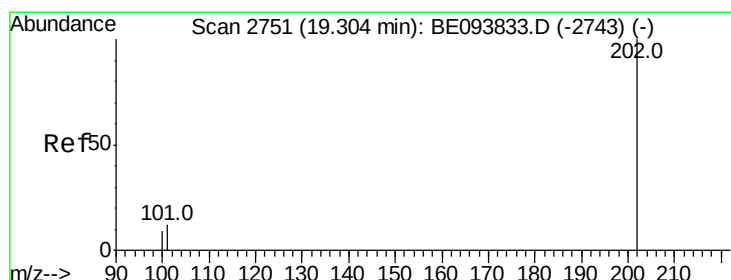
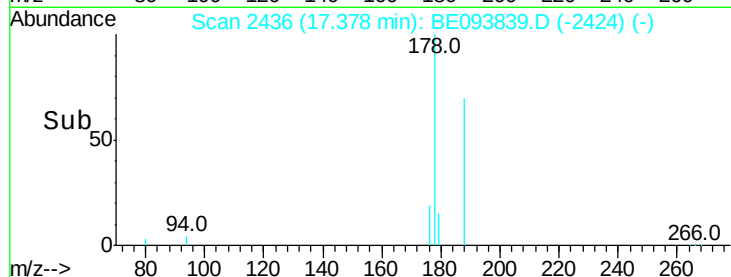
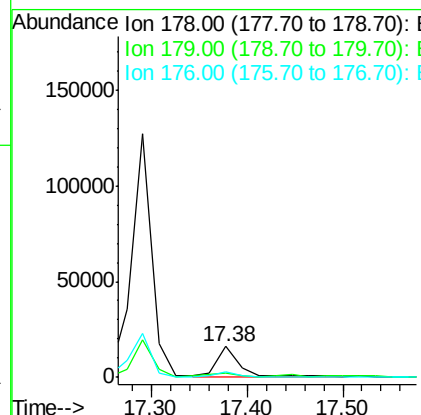
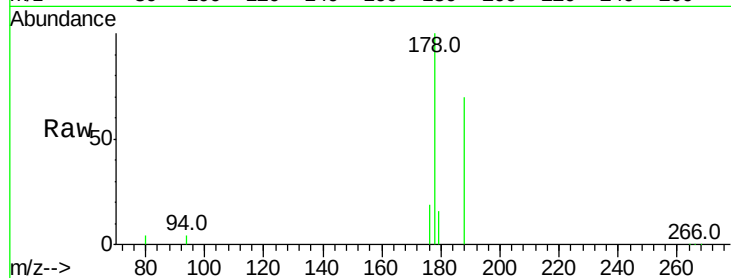
#13
 Anthracene
 Concen: 0.644 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093839.D
 Acq: 16 Aug 2017 14:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AH1

Tot Ion:178 Resp: 25279
 Ion Ratio Lower Upper
 178 100
 179 15.7 18.1 27.1#
 176 19.2 14.7 22.1

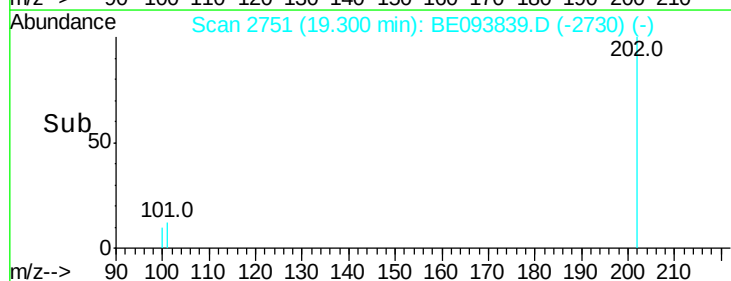
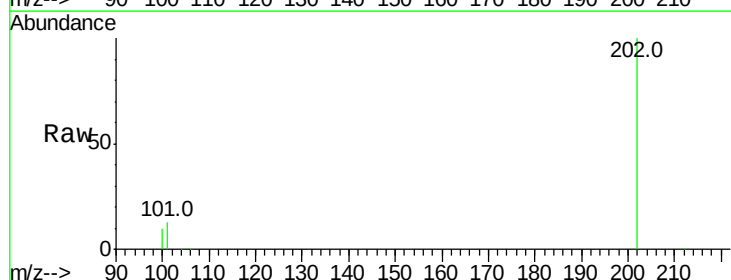
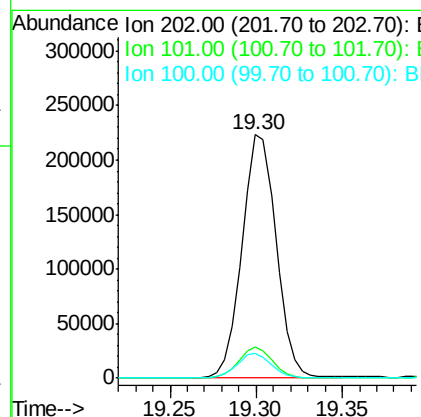
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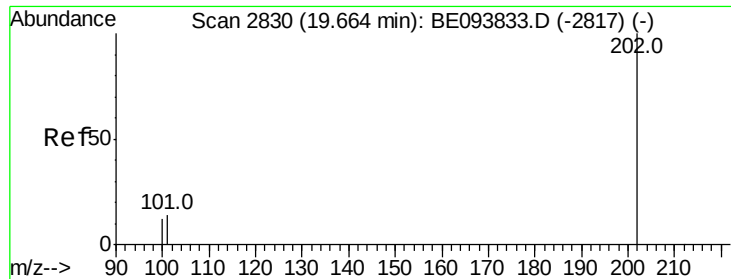
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#15
 Fluoranthene
 Concen: 6.076 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093839.D
 Acq: 16 Aug 2017 14:08

Tgt Ion:202 Resp: 306128
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 30.3
 100 10.3 0.0 39.5





#17

Pyrene

Concen: 6.248 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Instrument :

BNA_E

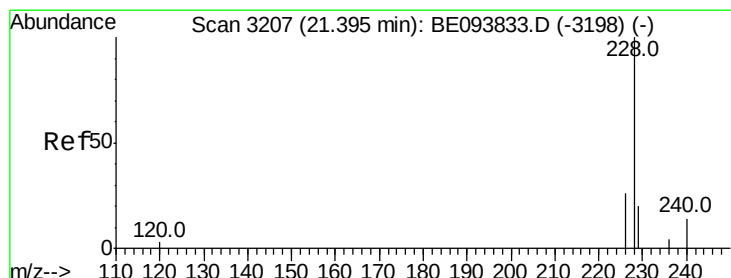
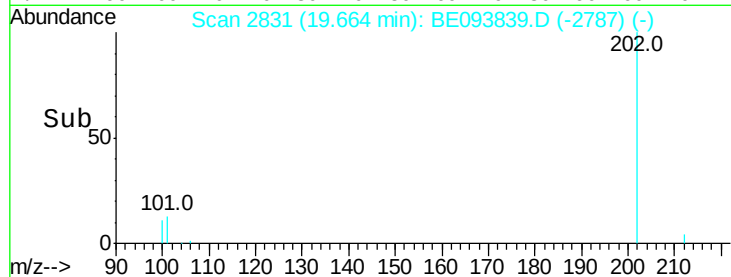
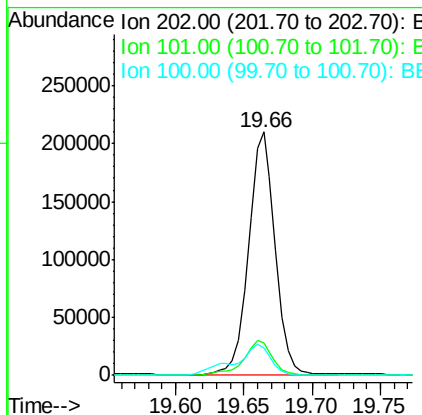
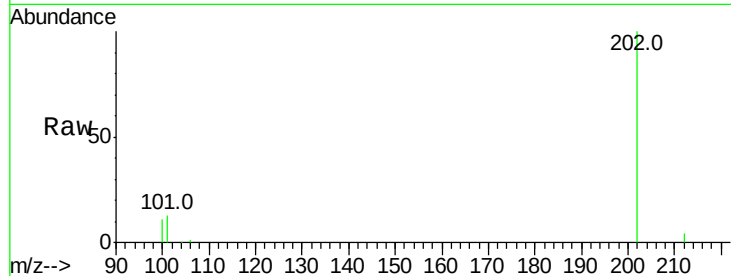
ClientSampleId :

C0AH1

Tot Ion:	202	Resp:	281989
Ion Ratio	Lower	Upper	
202	100		
101	13.1	18.2	27.4#
100	11.2	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 3.020 ng/ul

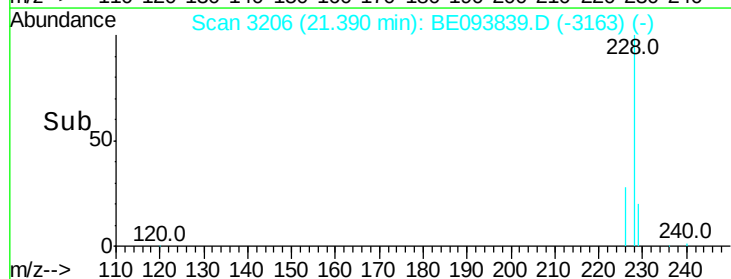
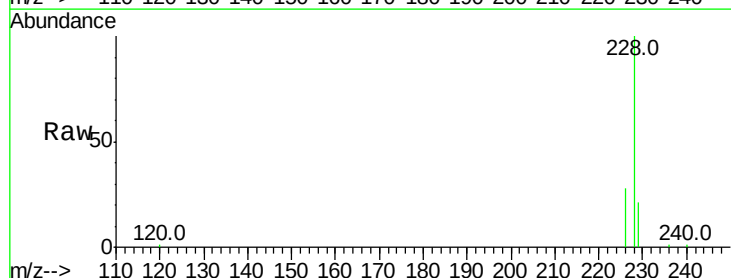
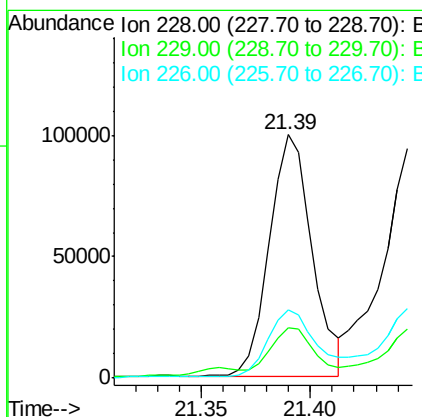
RT: 21.39 min Scan# 3206

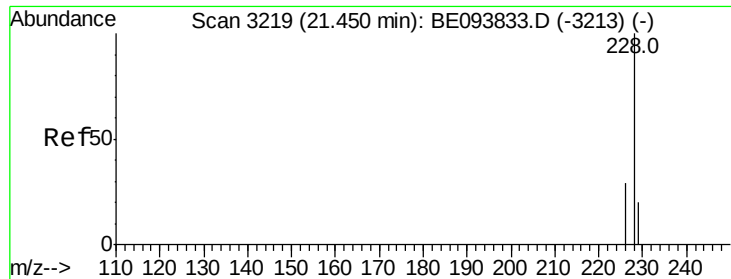
Delta R.T. -0.01 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Tgt Ion:	228	Resp:	135383
Ion Ratio	Lower	Upper	
228	100		
229	20.8	22.8	34.2#
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 3.468 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Instrument :

BNA_E

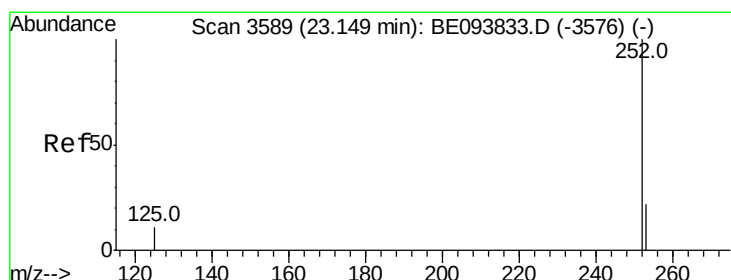
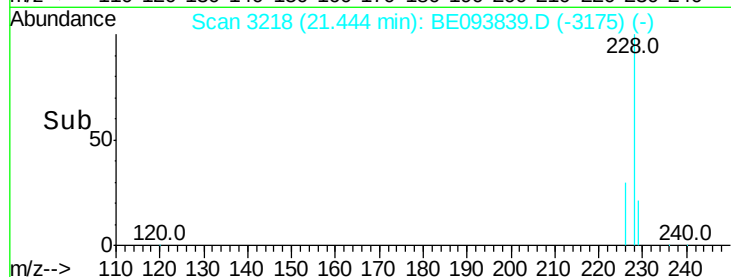
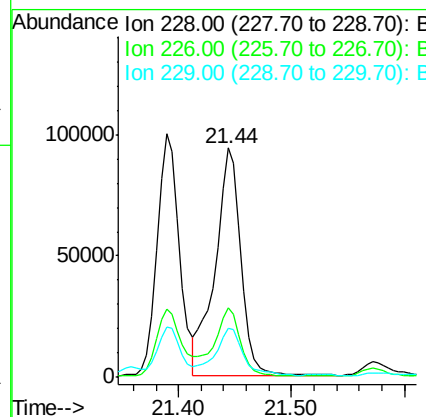
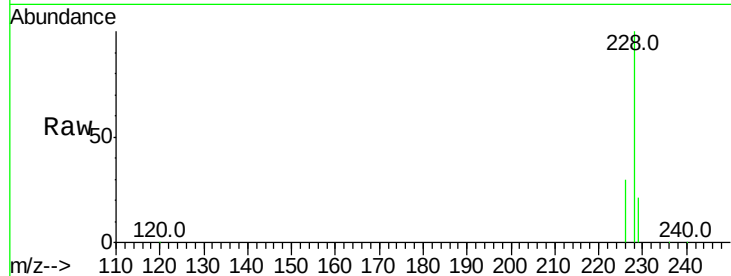
ClientSampled :

C0AH1

Tot Ion:228	Resp:	149112
Ion Ratio	Lower	Upper
228 100		
226 30.0	23.4	35.0
229 21.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.622 ng/ul

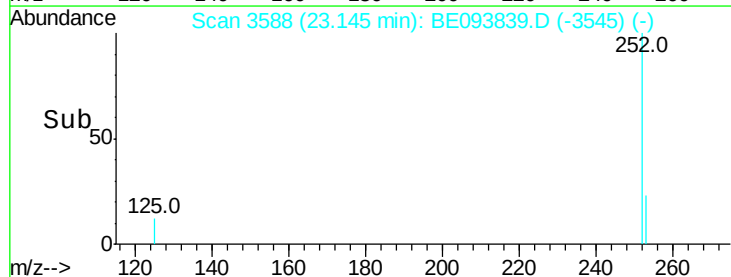
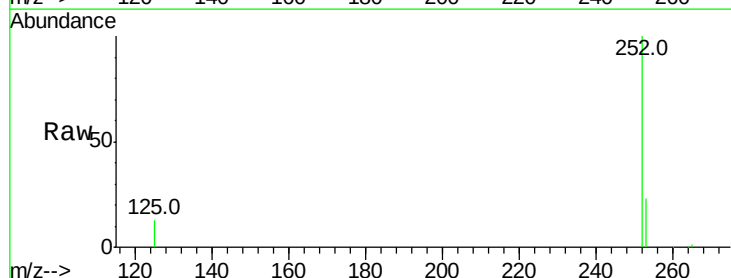
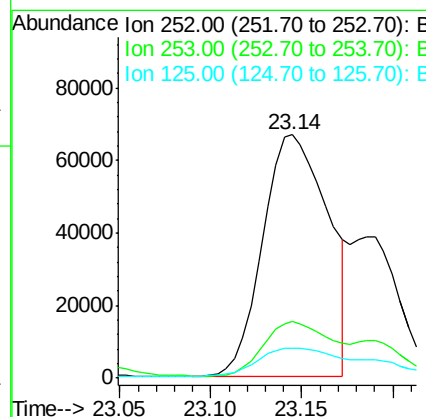
RT: 23.14 min Scan# 3588

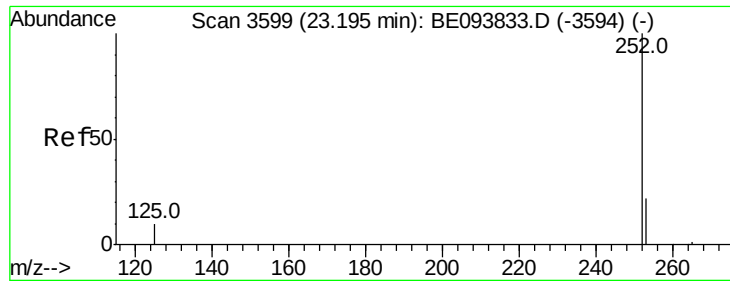
Delta R.T. -0.00 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Tgt Ion:252	Resp:	166568
Ion Ratio	Lower	Upper
252 100		
253 23.5	0.0	64.2
125 12.5	0.0	35.0





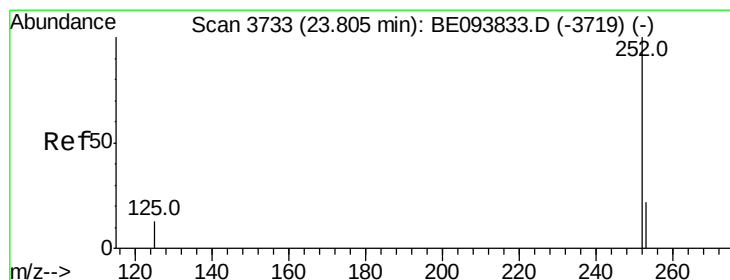
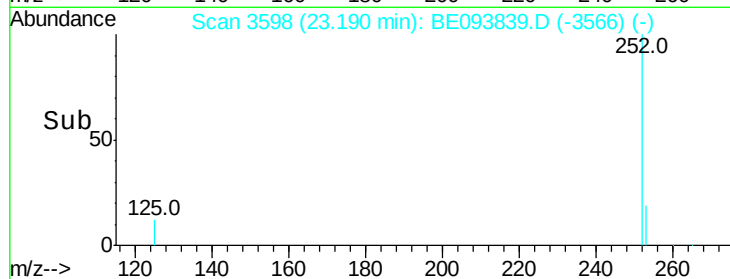
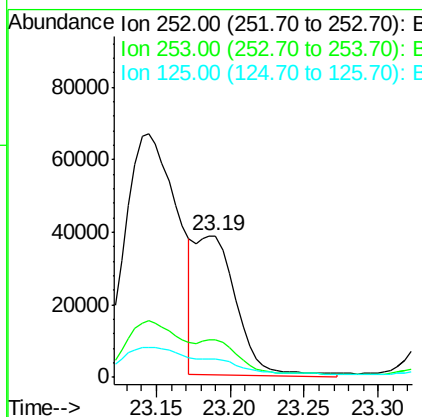
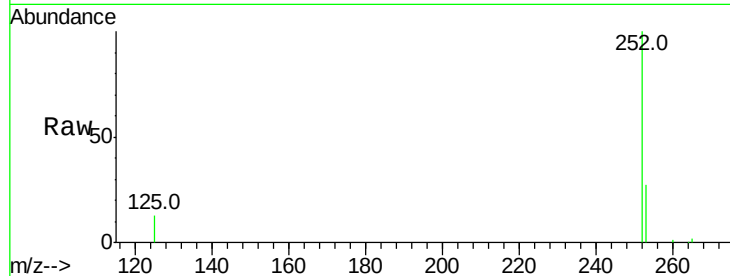
#22
Benzo(k)fluoranthene
Concen: 1.665 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BE093839.D
Acq: 16 Aug 2017 14:08

Instrument :
BNA_E
ClientSampleId :
C0AH1

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	24.5	36.7
125	13.2	13.7	20.5#

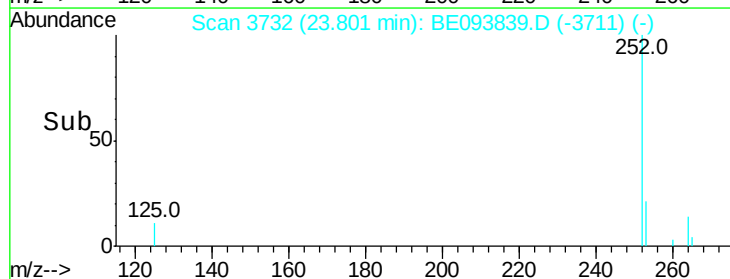
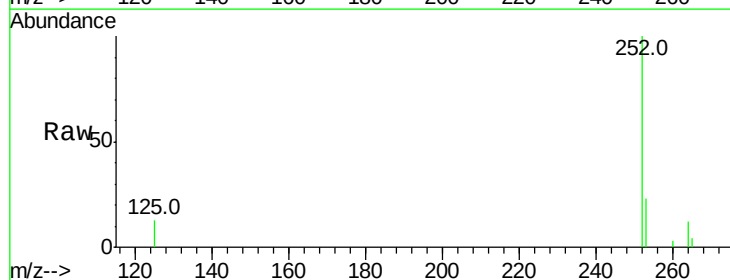
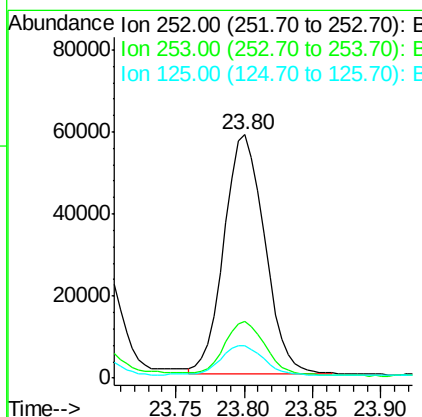
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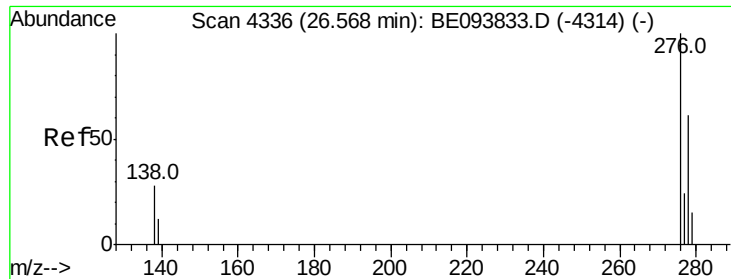
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#23
Benzo(a)pyrene
Concen: 2.729 ng/ul m
RT: 23.80 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE093839.D
Acq: 16 Aug 2017 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	13.3	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.534 ng/ul m

RT: 26.55 min Scan# 4331

Delta R.T. -0.02 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Instrument :

BNA_E

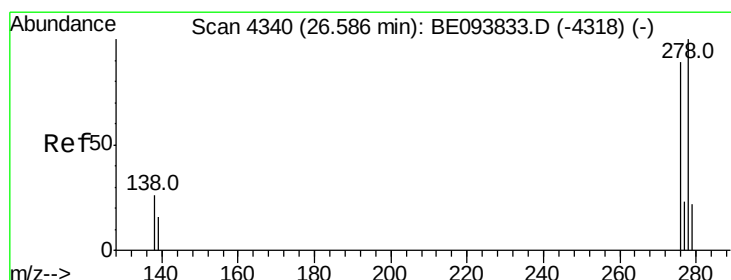
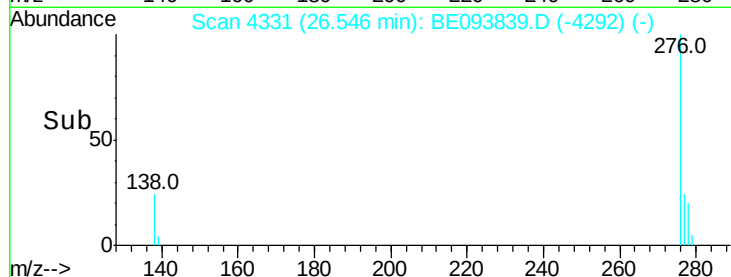
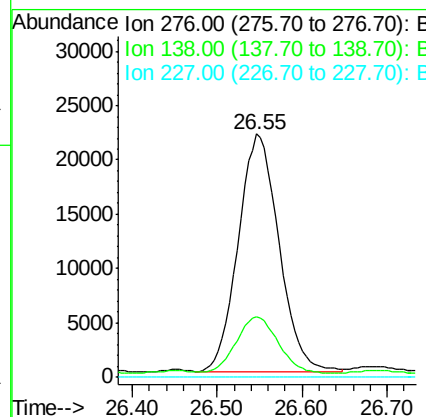
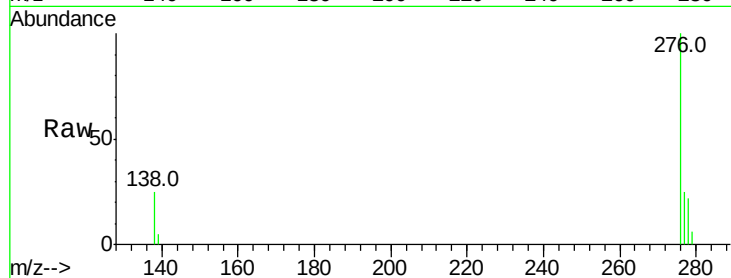
ClientSampleId :

C0AH1

Tot Ion:	276	Resp:	74066
Ion Ratio	Lower	Upper	
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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Sohil
8/17/2017 5:59:27 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.472 ng/ul m

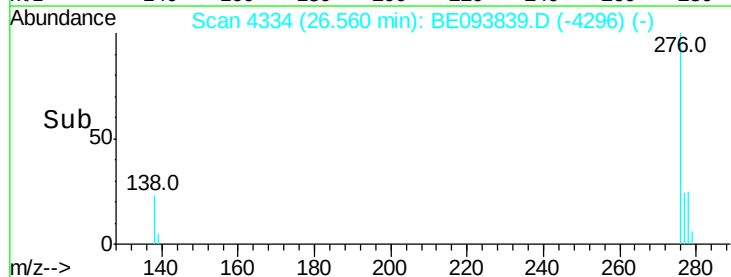
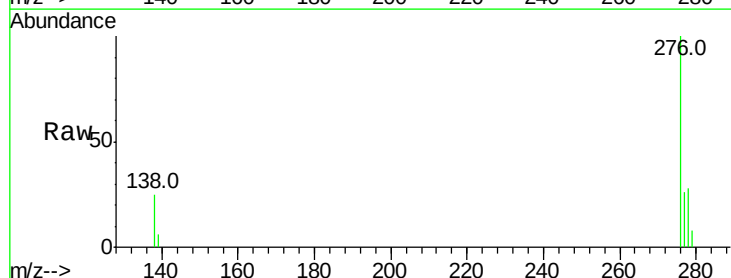
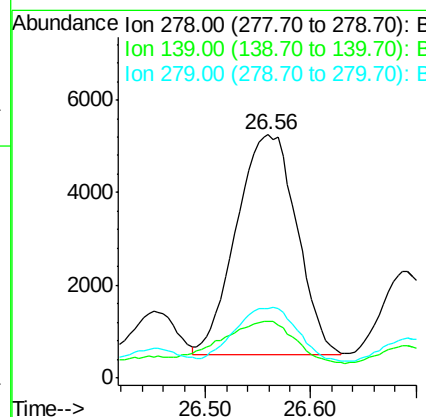
RT: 26.56 min Scan# 4334

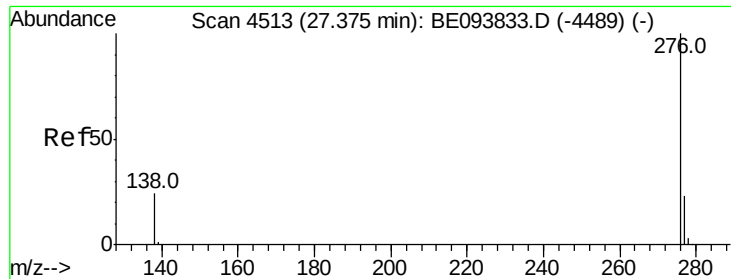
Delta R.T. -0.03 min

Lab File: BE093839.D

Acq: 16 Aug 2017 14:08

Tgt Ion:	278	Resp:	19037
Ion Ratio	Lower	Upper	
278	100		
139	23.2	17.4	26.0
279	28.4	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 1.501 ng/ul m
 RT: 27.37 min Scan# 4511
 Delta R.T. -0.01 min
 Lab File: BE093839.D
 Acq: 16 Aug 2017 14:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AH1

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.8
277	24.4	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

