

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093836.D
 Acq On : 16 Aug 2017 12:14
 Operator : SJ/JU
 Sample : I4672-15DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ3DL

Manual Integrations
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Quant Time: Aug 17 01:24:22 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	2005	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10812	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6295	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13504	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14265	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15952	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1537	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	3663	0.09	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	2149	0.082	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	1120	0.058	ng/ul	96
7) Acenaphthylene	14.24	152	915	0.035	ng/ul#	84
8) Acenaphthene	14.58	153	1001	0.048	ng/ul	99
9) Fluorene	15.57	166	1747	0.067	ng/ul	94
12) Phenanthrene	17.29	178	26974	0.733	ng/ul#	91
13) Anthracene	17.38	178	6786	0.189	ng/ul#	92
15) Fluoranthene	19.30	202	38569	0.839	ng/ul	84
17) Pyrene	19.66	202	33520	0.805	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	17500	0.423	ng/ul#	86
19) Chrysene	21.44	228	15799	0.398	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	21588m	0.437	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	8235m	0.169	ng/ul	
23) Benzo(a)pyrene	23.80	252	14241	0.303	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.55	276	7564	0.146	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.56	278	1756	0.041	ng/ul#	79
26) Benzo(a,h,i)perylene	27.37	276	5964	0.137	ng/ul	95

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

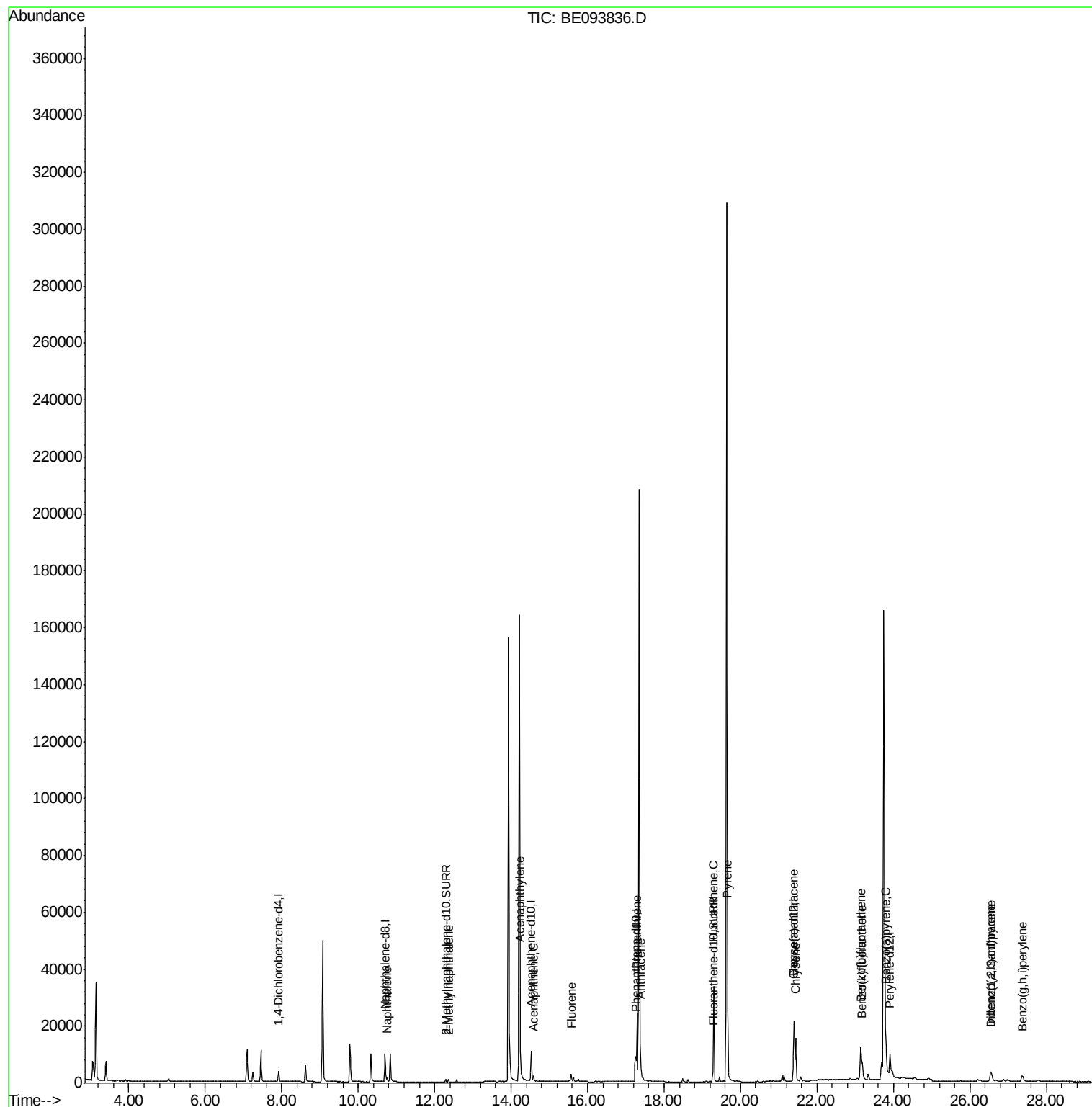
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093836.D
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ALS Vial : 5 Sample Multiplier: 1

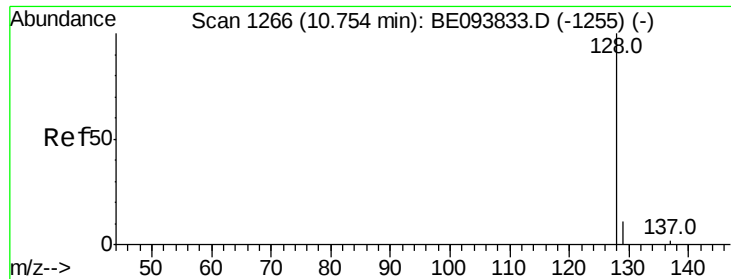
Instrument :
BNA_E
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Quant Time: Aug 17 01:24:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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QLast Update : Thu Aug 17 00:58:19 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.082 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093836.D

Acq: 16 Aug 2017 12:14

Instrument :

BNA_E

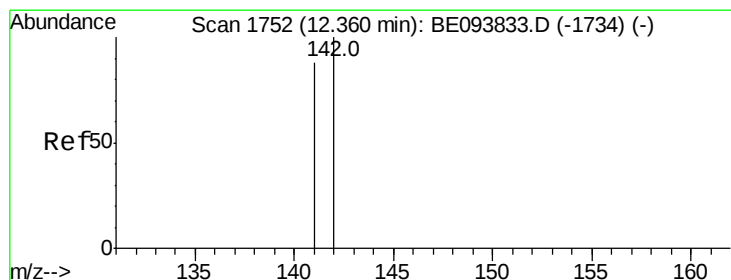
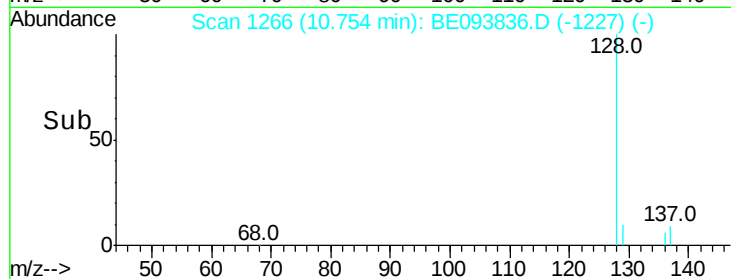
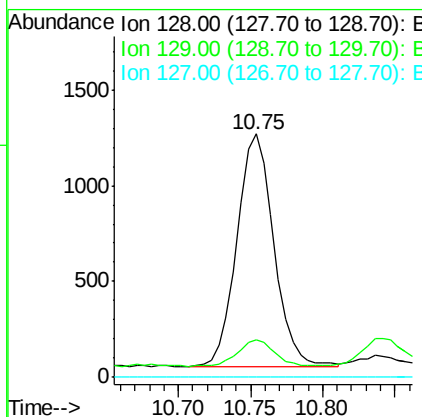
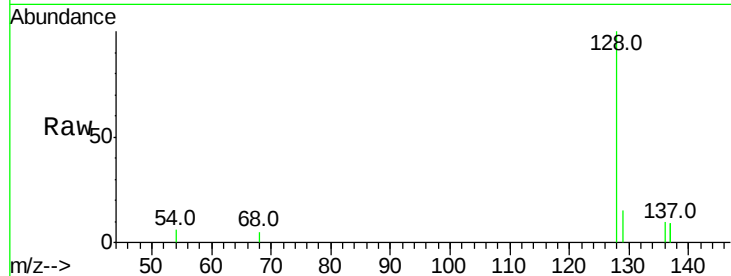
ClientSampleId :

C0AJ3DL

Tot Ion:	128	Resp:	2149
Ion	Ratio	Lower	Upper
128	100		
129	15.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.058 ng/ul

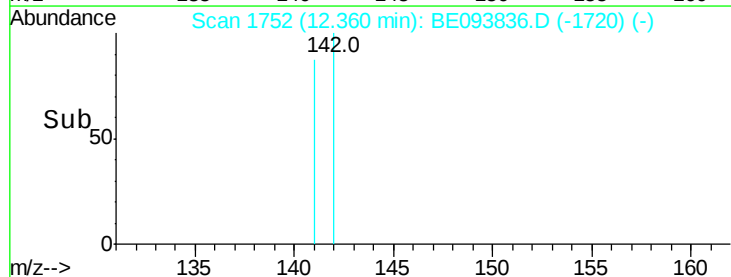
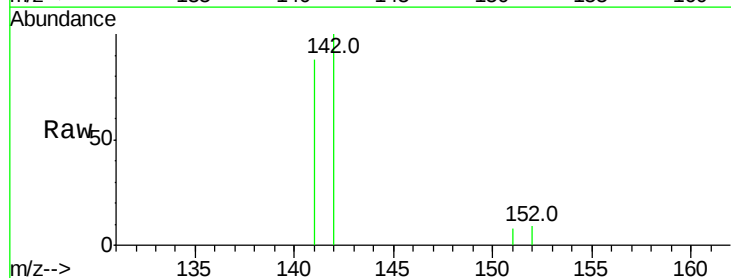
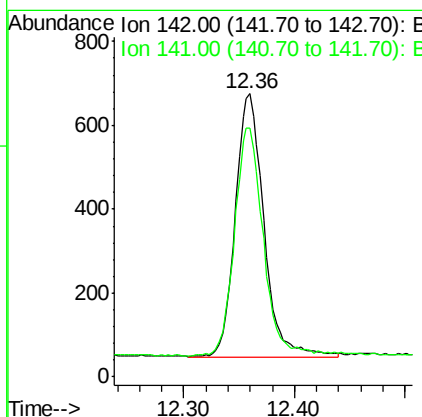
RT: 12.36 min Scan# 1752

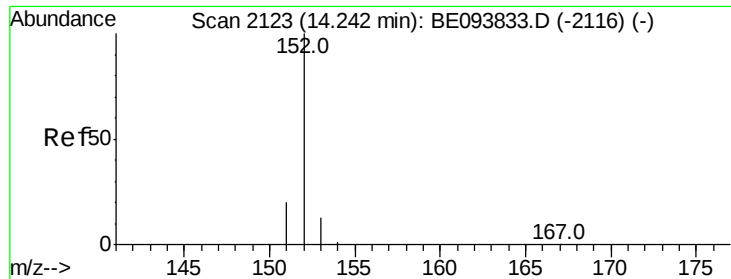
Delta R.T. -0.00 min

Lab File: BE093836.D

Acq: 16 Aug 2017 12:14

Tgt Ion:	142	Resp:	1120
Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093836.D

Acq: 16 Aug 2017 12:14

Instrument :

BNA_E

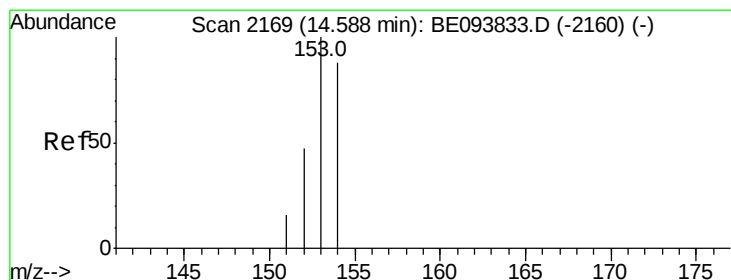
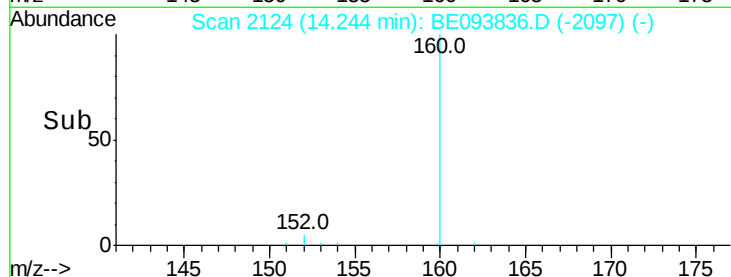
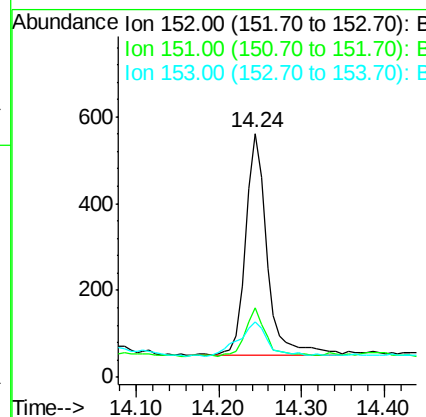
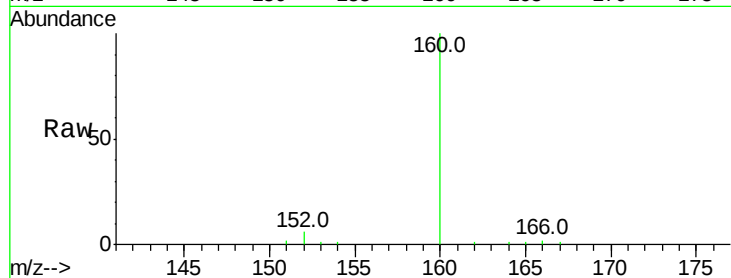
ClientSampleId :

C0AJ3DL

Tot Ion:	152	Resp:	915
Ion Ratio	Lower	Upper	
152	100		
151	28.7	17.1	25.7#
153	23.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.048 ng/ul

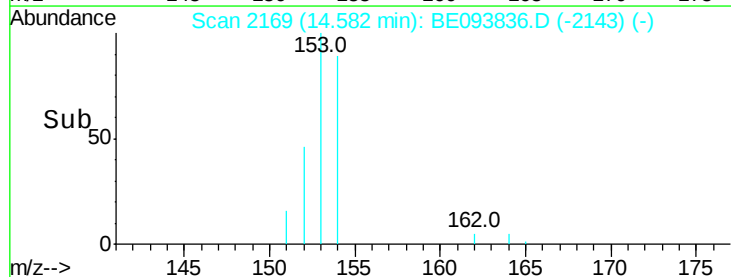
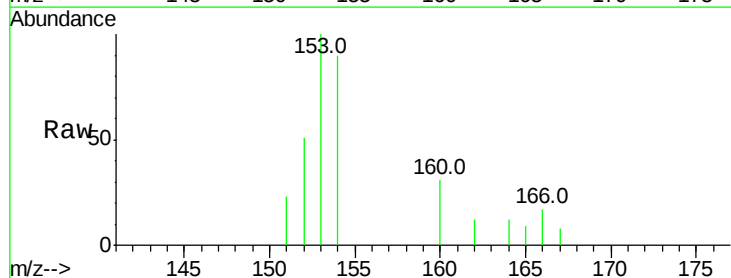
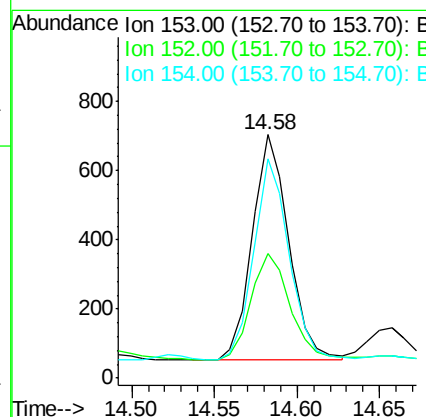
RT: 14.58 min Scan# 2169

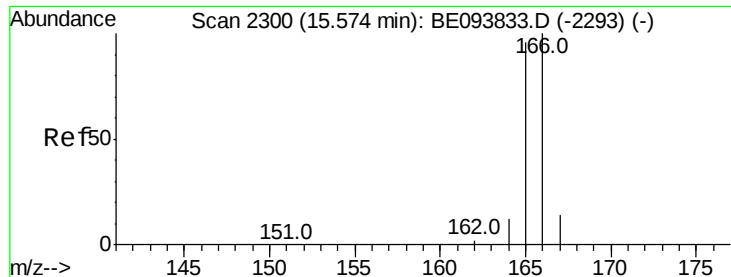
Delta R.T. -0.01 min

Lab File: BE093836.D

Acq: 16 Aug 2017 12:14

Tgt Ion:	153	Resp:	1001
Ion Ratio	Lower	Upper	
153	100		
152	51.4	40.3	60.5
154	89.9	71.4	107.2





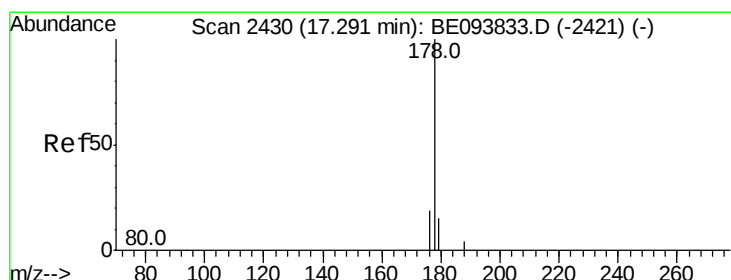
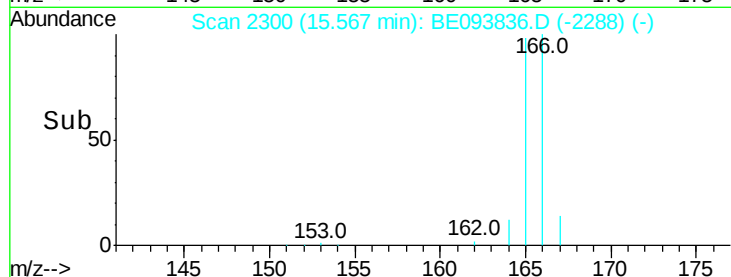
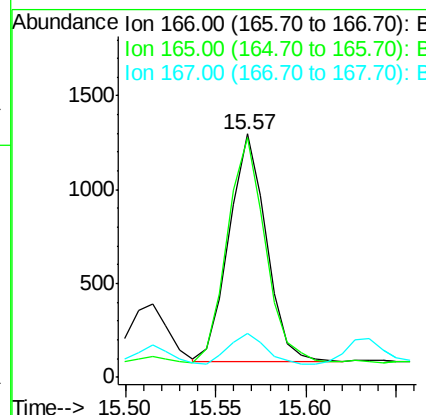
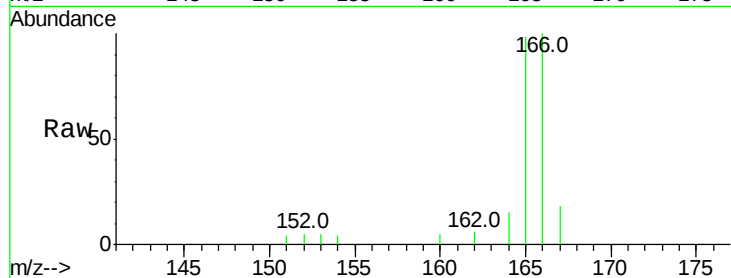
#9
Fluorene
 Concen: 0.067 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE093836.D
 Acq: 16 Aug 2017 12:14

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ3DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	73.4	110.2
167	17.8	14.6	22.0

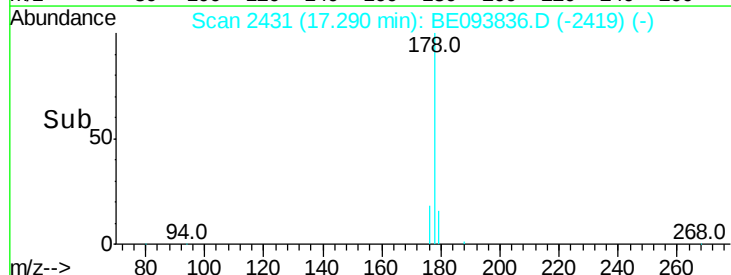
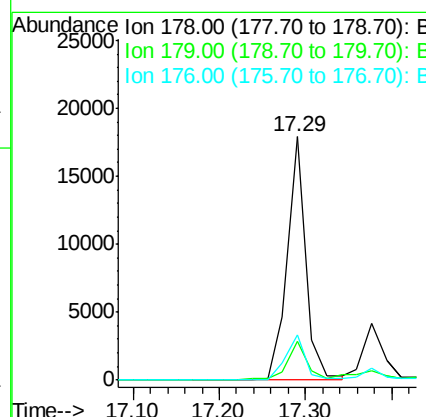
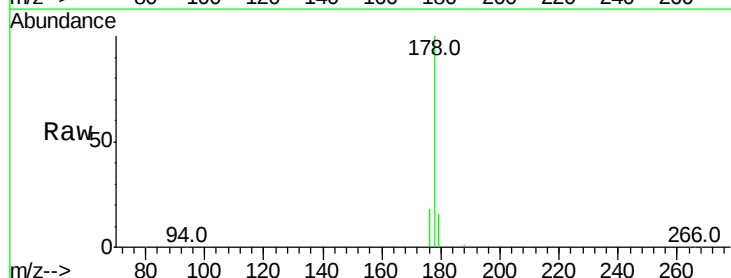
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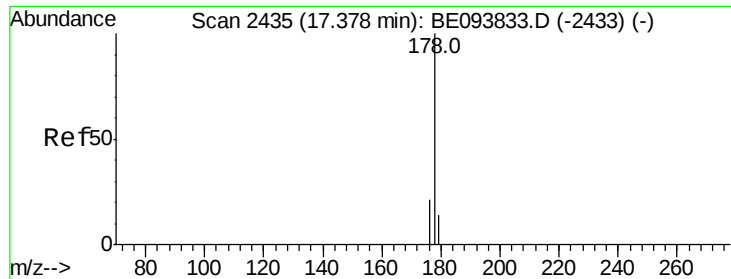
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#12
Phenanthrene
 Concen: 0.733 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE093836.D
 Acq: 16 Aug 2017 12:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	18.3	13.6	20.4





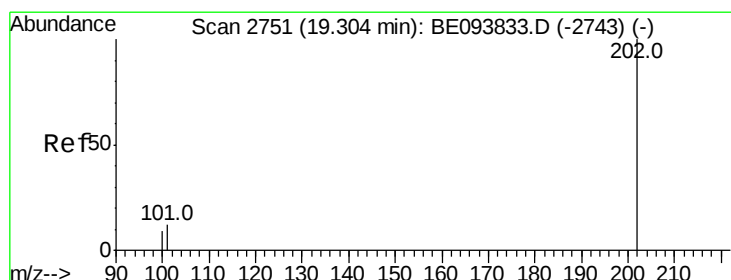
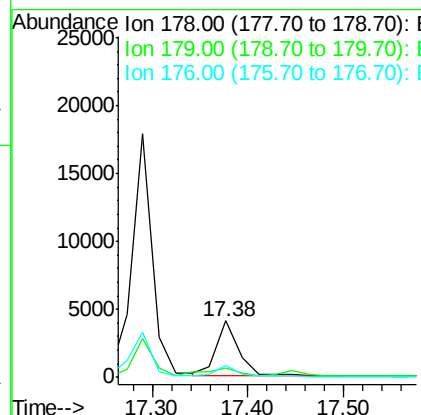
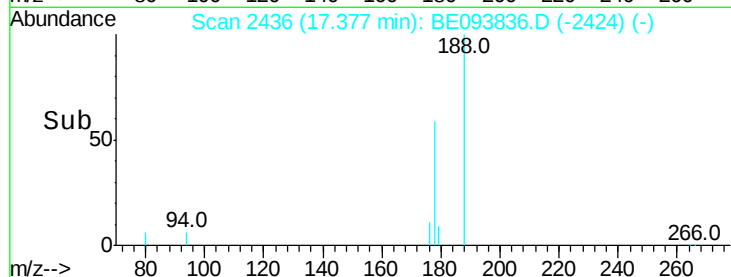
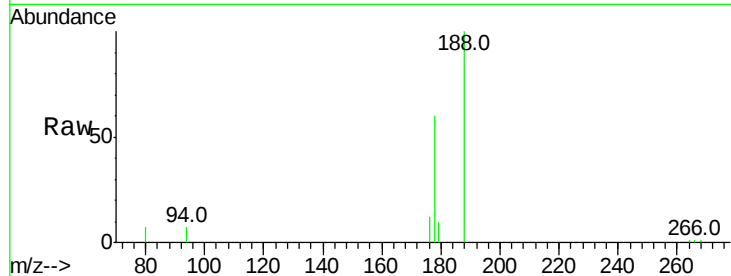
#13
 Anthracene
 Concen: 0.189 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE093836.D
 Acq: 16 Aug 2017 12:14

Instrument :
 BNA_E
 ClientSampled :
 C0AJ3DL

Tot Ion:178 Resp: 6786
 Ion Ratio Lower Upper
 178 100
 179 17.2 18.1 27.1#
 176 20.1 14.7 22.1

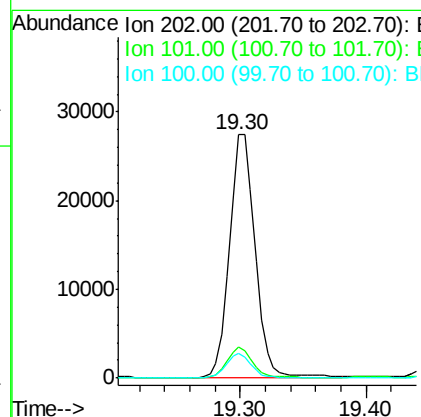
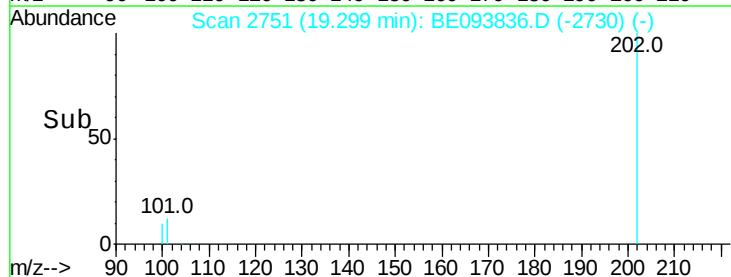
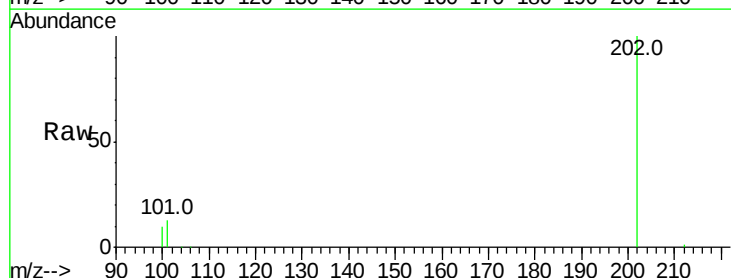
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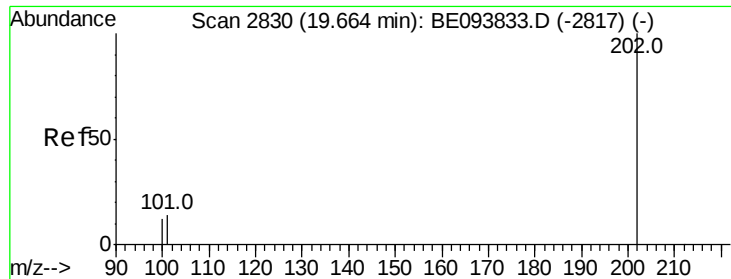
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#15
 Fluoranthene
 Concen: 0.839 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE093836.D
 Acq: 16 Aug 2017 12:14

Tgt Ion:202 Resp: 38569
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 30.3
 100 10.2 0.0 39.5





#17

Pvrene

Concen: 0.805 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE093836.D

Acq: 16 Aug 2017 12:14

Instrument :

BNA_E

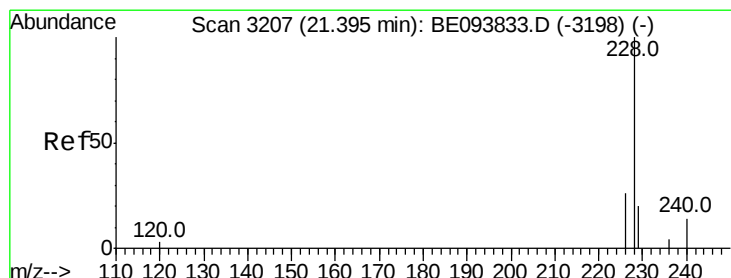
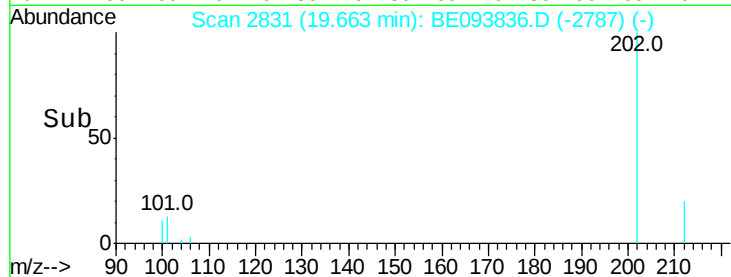
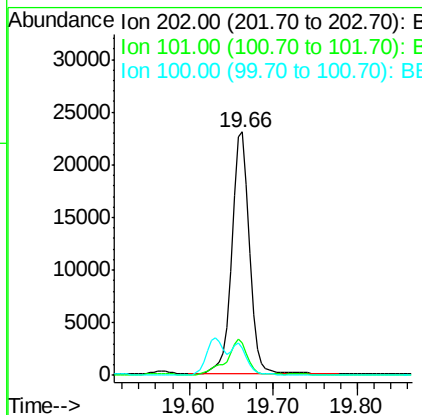
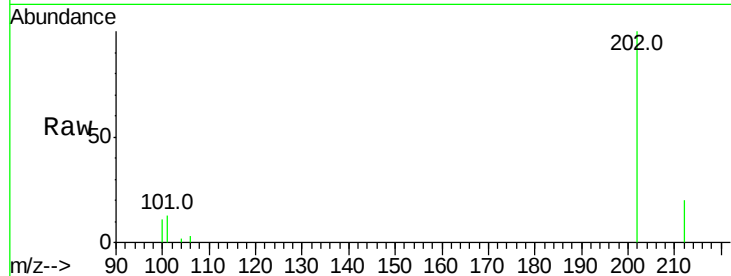
ClientSampleId :

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Tot Ion:	202	Resp:	33520
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: 0.423 ng/ul

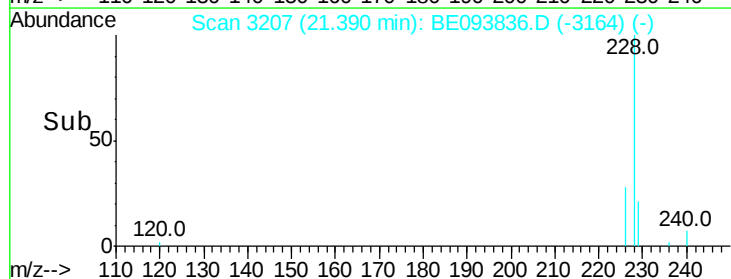
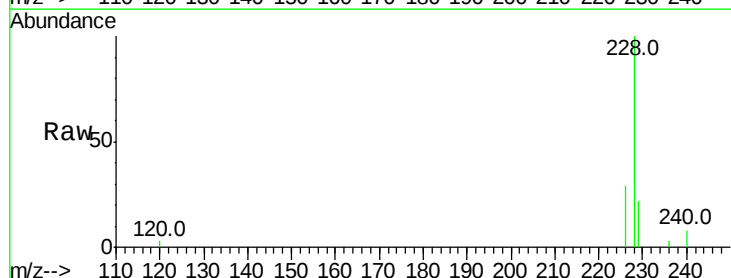
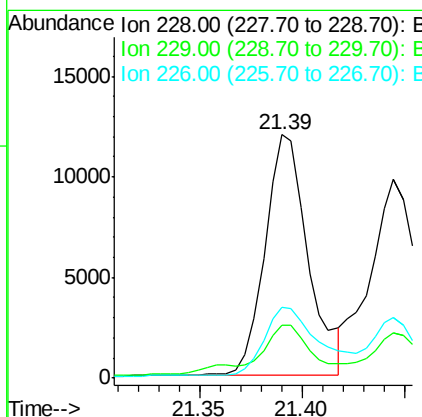
RT: 21.39 min Scan# 3207

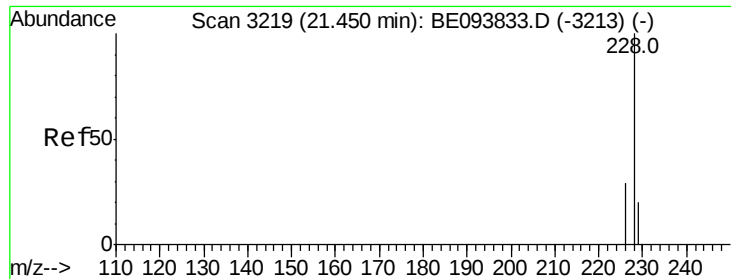
Delta R.T. -0.01 min

Lab File: BE093836.D

Acq: 16 Aug 2017 12:14

Tgt Ion:	228	Resp:	17500
Ion Ratio	Lower	Upper	
228	100		
229	21.9	22.8	34.2#
226	29.1	17.0	25.6#





#19

Chrysene

Concen: 0.398 ng/ul

RT: 21.44 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE093836.D

Acq: 16 Aug 2017 12:14

Instrument :

BNA_E

ClientSampleId :

C0AJ3DL

Tot Ion:228 Resp: 15799

Ion Ratio Lower Upper

228 100

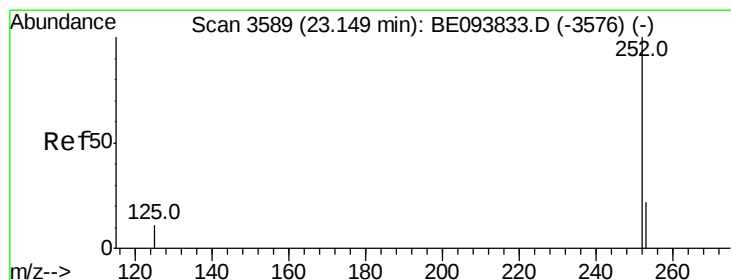
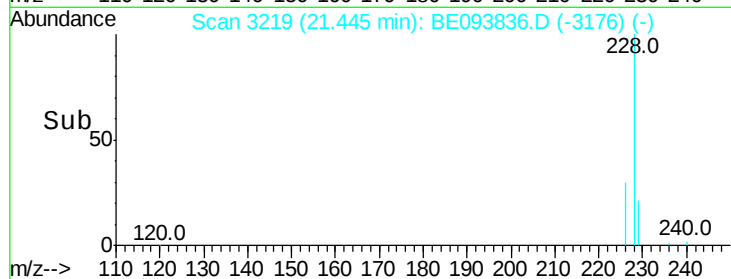
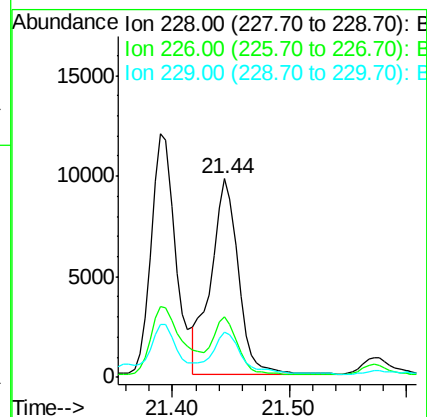
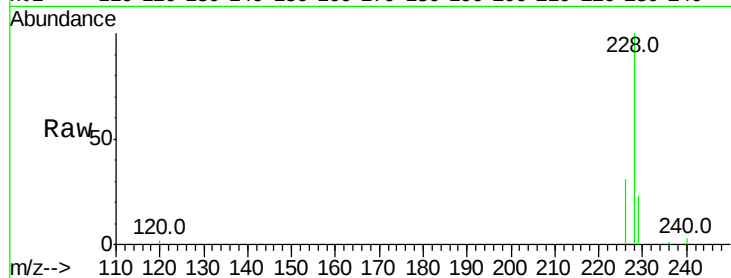
226 30.6 23.4 35.0

229 22.7 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 0.437 ng/ul m

RT: 23.14 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BE093836.D

Acq: 16 Aug 2017 12:14

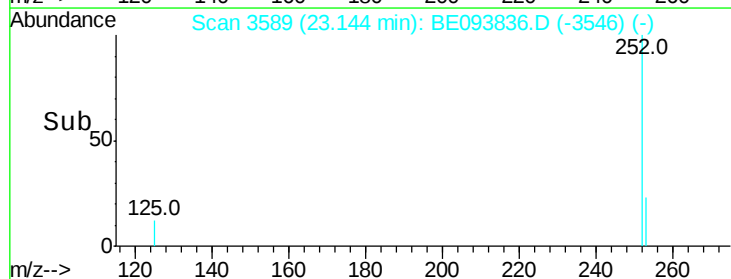
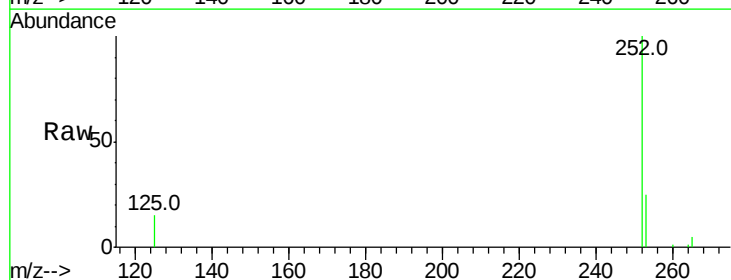
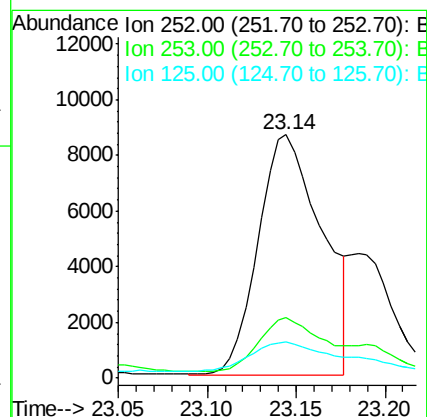
Tgt Ion:252 Resp: 21588

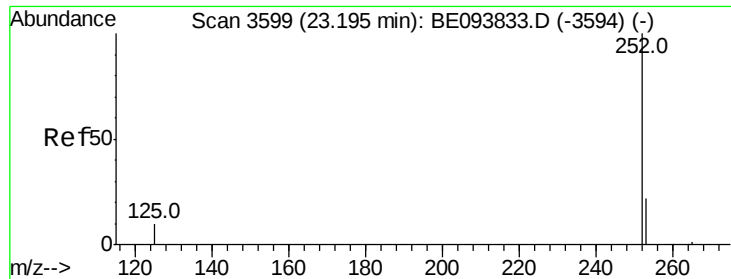
Ion Ratio Lower Upper

252 100

253 24.7 0.0 64.2

125 14.7 0.0 35.0





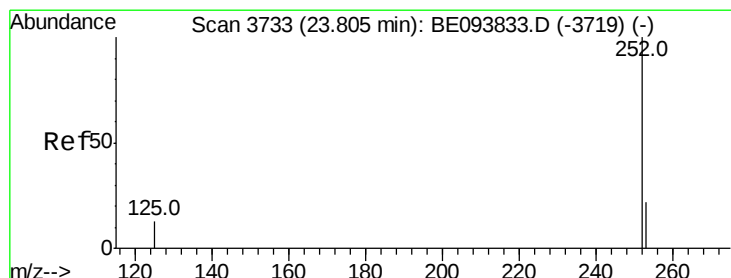
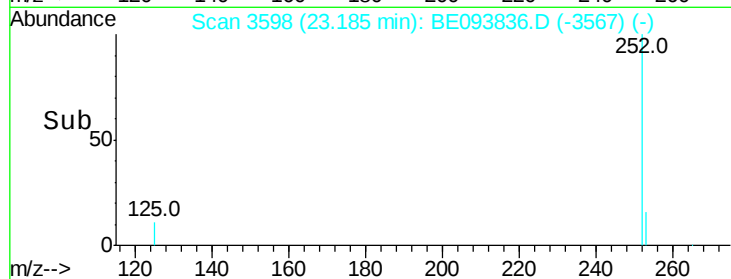
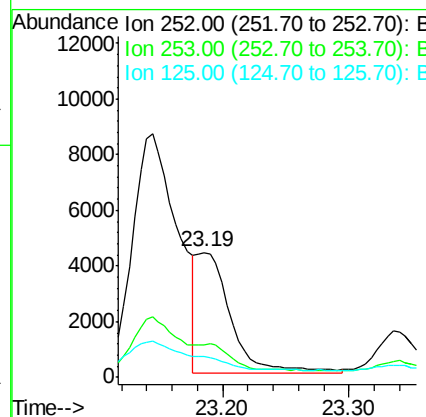
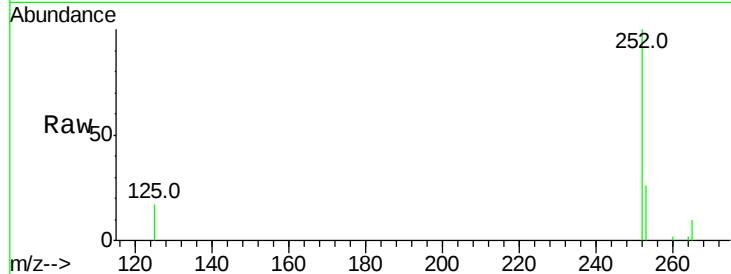
#22
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.01 min
Lab File: BE093836.D
Acq: 16 Aug 2017 12:14

Instrument :
BNA_E
ClientSampleId :
C0AJ3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	24.5	36.7
125	16.5	13.7	20.5

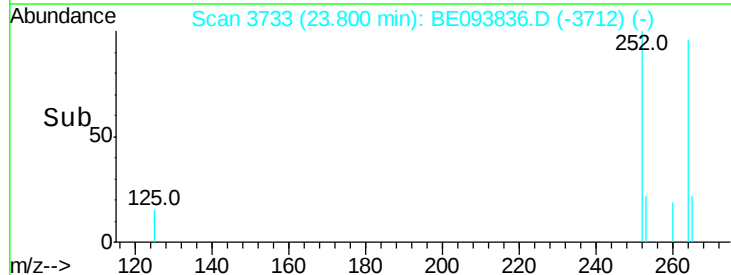
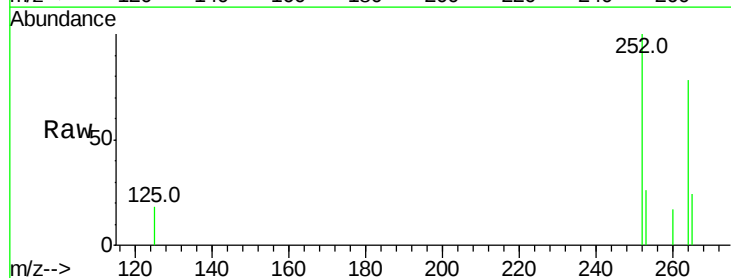
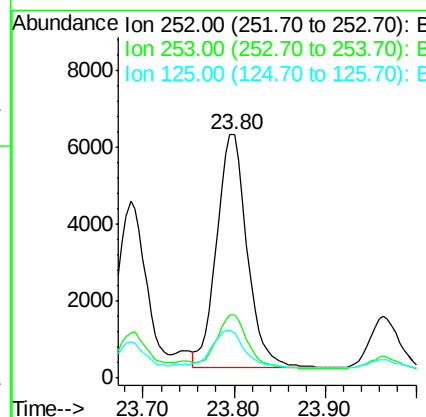
Manual Integrations
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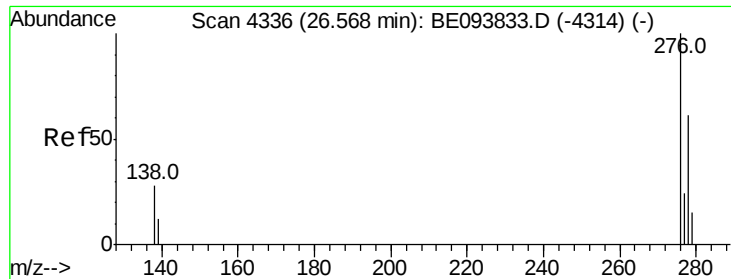
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#23
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BE093836.D
Acq: 16 Aug 2017 12:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	28.5	42.7#
125	18.4	18.1	27.1





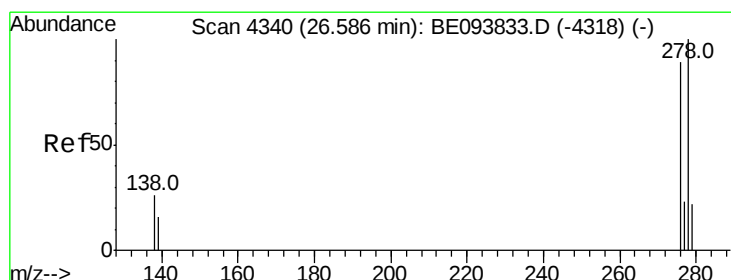
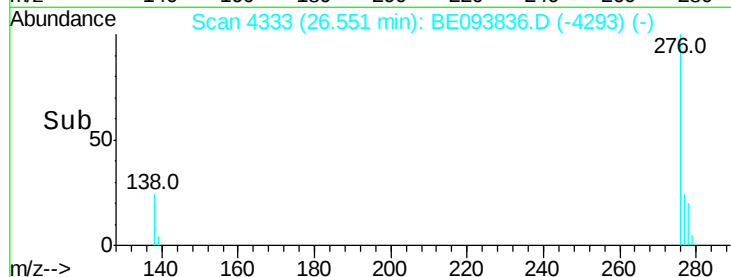
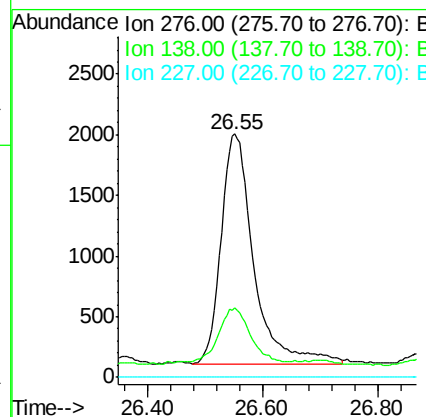
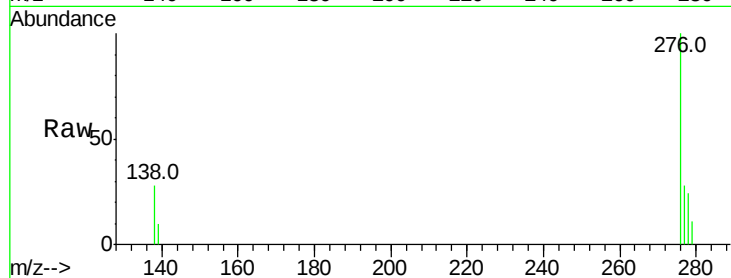
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.146 ng/ul
 RT: 26.55 min Scan# 4333
 Delta R.T. -0.02 min
 Lab File: BE093836.D
 Acq: 16 Aug 2017 12:14

Instrument :
 BNA_E
 ClientSampled :
 C0AJ3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	28.0	42.0#
227	0.0	8.0	12.0#

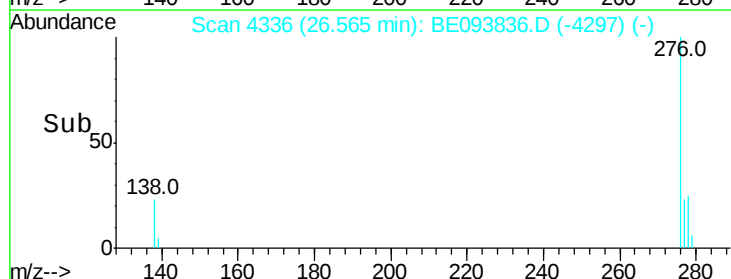
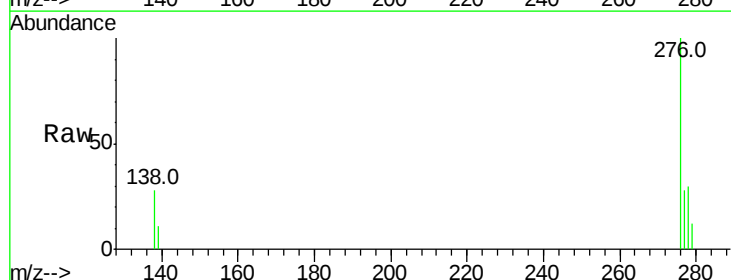
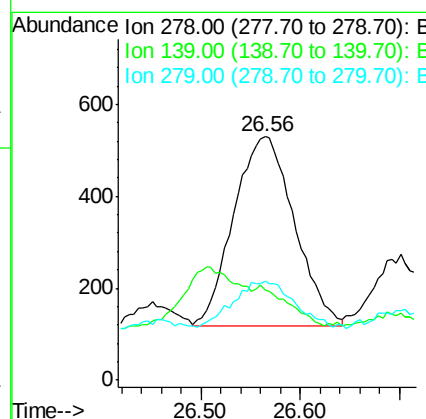
Manual Integrations
 APPROVED

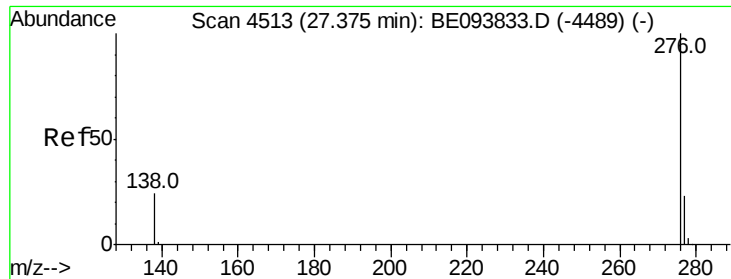
Sohil
 8/17/2017 5:59:22 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.041 ng/ul
 RT: 26.56 min Scan# 4336
 Delta R.T. -0.02 min
 Lab File: BE093836.D
 Acq: 16 Aug 2017 12:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.8	17.4	26.0#
279	40.6	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.137 ng/ul

RT: 27.37 min Scan# 4512

Delta R.T. -0.01 min

Lab File: BE093836.D

Acq: 16 Aug 2017 12:14

Instrument :

BNA_E

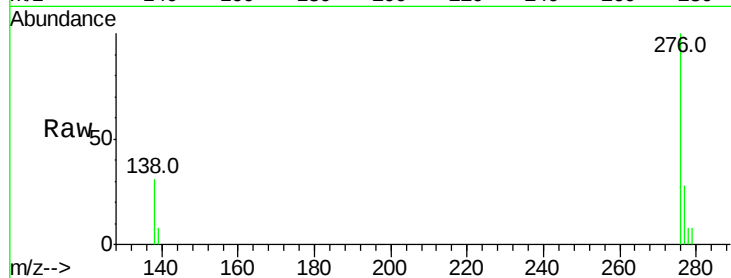
ClientSampleId :

C0AJ3DL

Tot Ion:	276	Resp:	5964
Ion Ratio	Lower	Upper	
276	100		
138	30.8	21.8	32.8
277	27.6	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:22 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

