

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093837.D
 Acq On : 16 Aug 2017 12:53
 Operator : SJ/JU
 Sample : I4672-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AG3

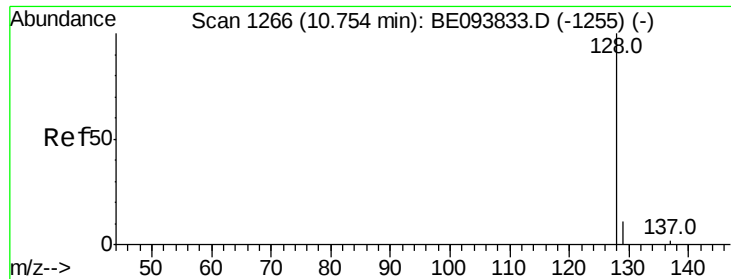
Manual Integrations
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Quant Time: Aug 17 01:41:30 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2397	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12580	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7602	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15598	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16198	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15727m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4216	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10569	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	44077	1.440	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	29080	1.303	ng/ul	99
7) Acenaphthylene	14.24	152	8642	0.272	ng/ul#	96
8) Acenaphthene	14.58	153	1524	0.061	ng/ul	95
9) Fluorene	15.57	166	1955	0.062	ng/ul#	87
12) Phenanthrene	17.29	178	59927	1.411	ng/ul#	92
13) Anthracene	17.38	178	12640	0.305	ng/ul#	93
15) Fluoranthene	19.30	202	127576	2.402	ng/ul	84
17) Pyrene	19.66	202	140659	2.975	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	86983	1.852	ng/ul#	86
19) Chrysene	21.44	228	95166	2.113	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	121405	2.496	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	54549m	1.137	ng/ul	
23) Benzo(a)pyrene	23.80	252	96321m	2.081	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	59836m	1.171	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	14742m	0.345	ng/ul	
26) Benzo(a,h,i)perylene	27.37	276	51449m	1.195	ng/ul	

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



#3

Naphthalene

Concen: 1.440 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

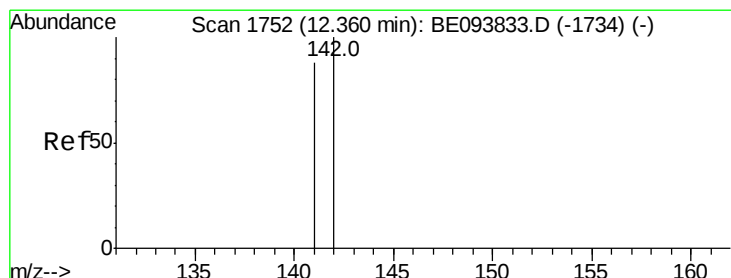
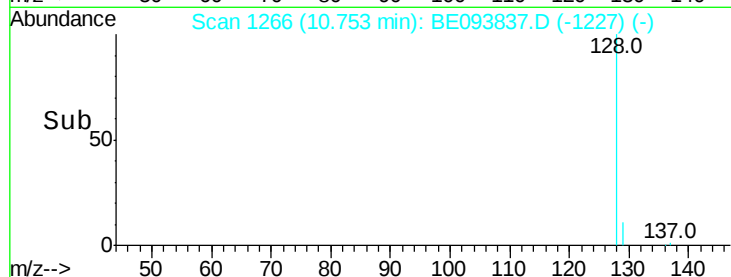
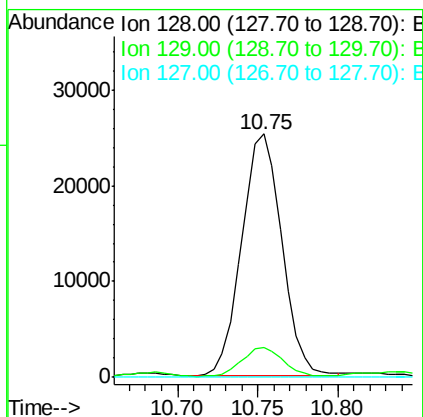
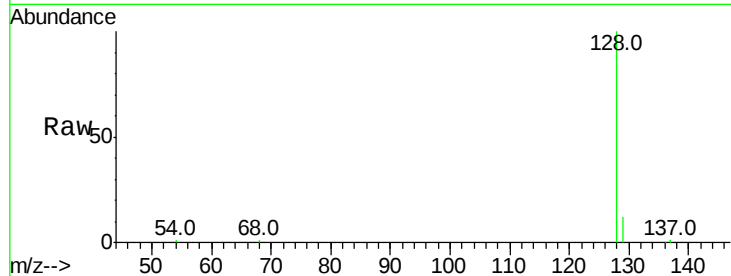
ClientSampleId :

C0AG3

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.303 ng/ul

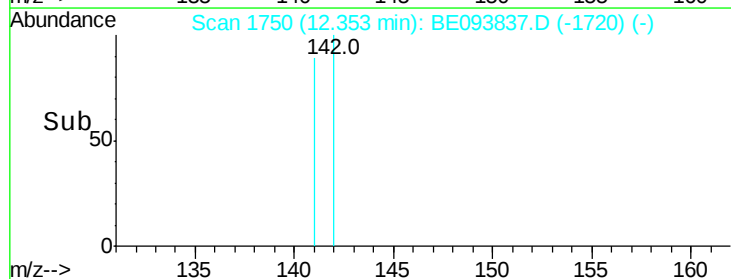
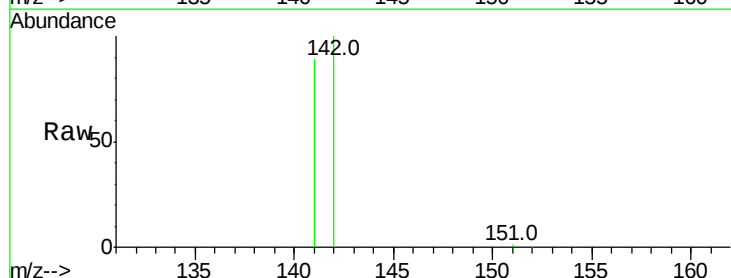
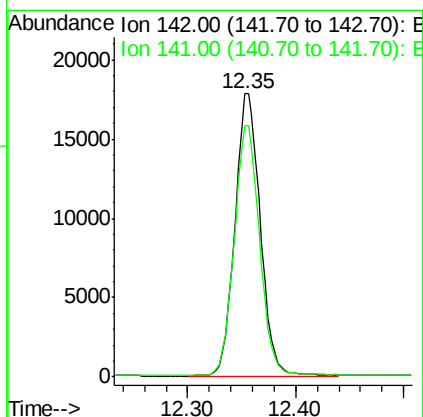
RT: 12.35 min Scan# 1750

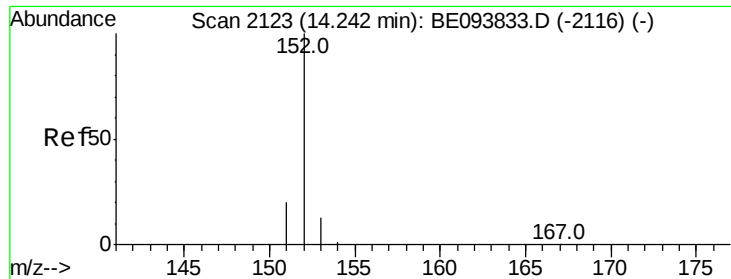
Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.272 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

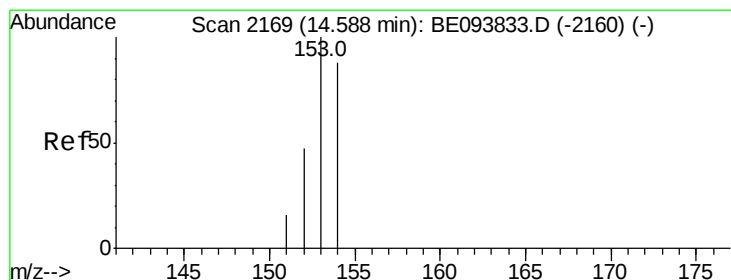
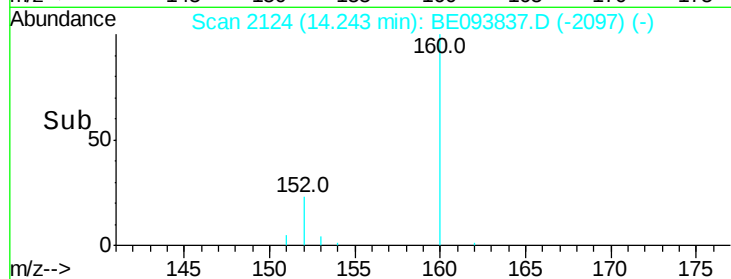
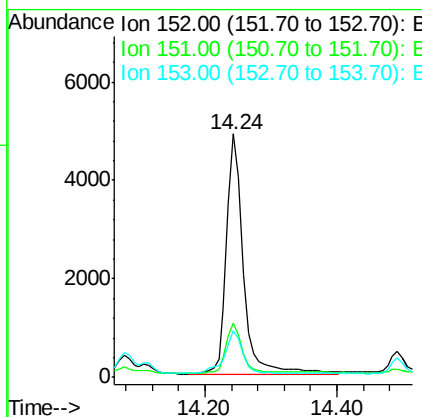
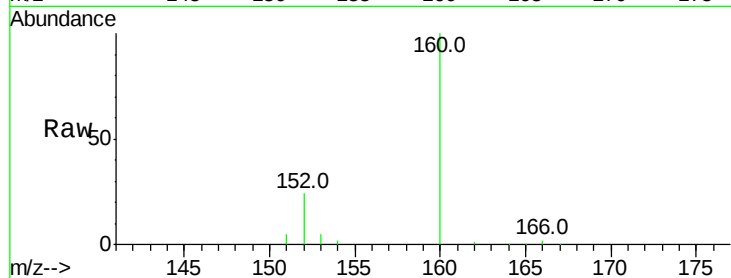
ClientSampleId :

C0AG3

Tot Ion:	152	Resp:	8642
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.1	25.7
153	19.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.061 ng/ul

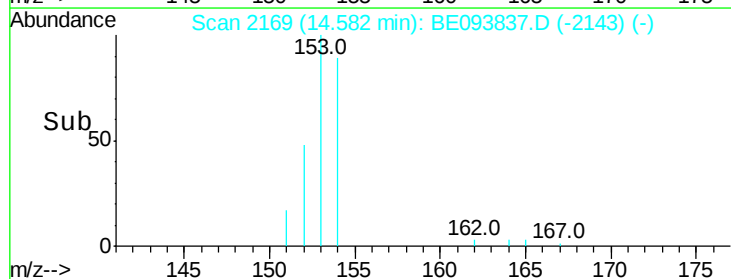
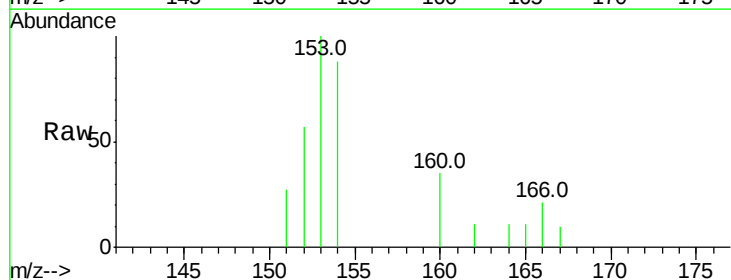
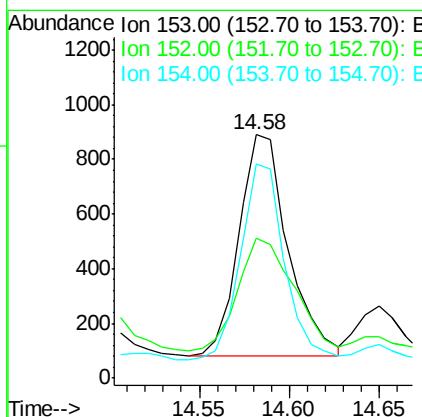
RT: 14.58 min Scan# 2169

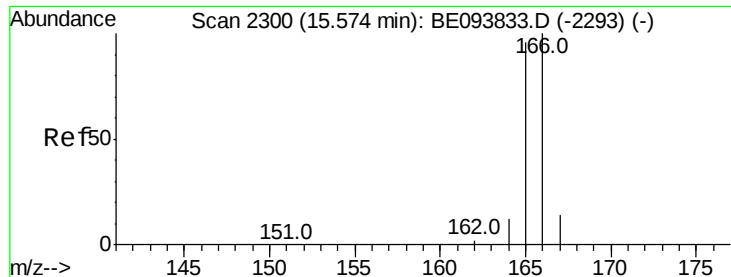
Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Tgt Ion:	153	Resp:	1524
Ion Ratio	Lower	Upper	
153	100		
152	57.4	40.3	60.5
154	88.0	71.4	107.2





#9

Fluorene

Concen: 0.062 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

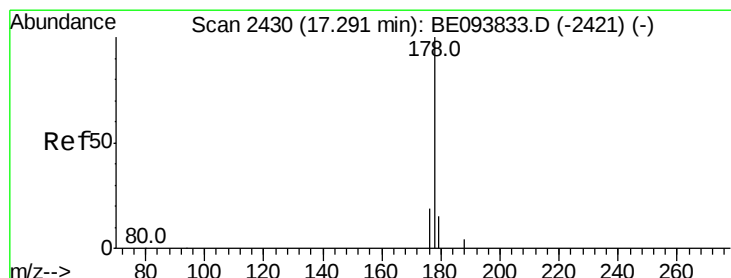
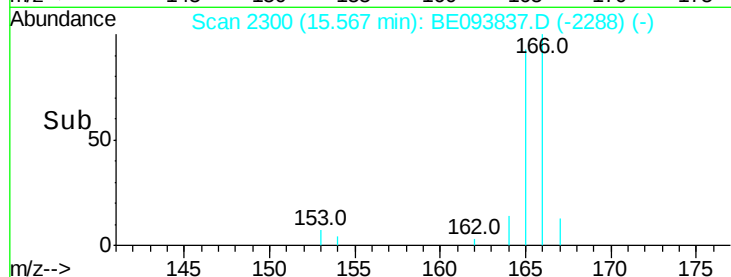
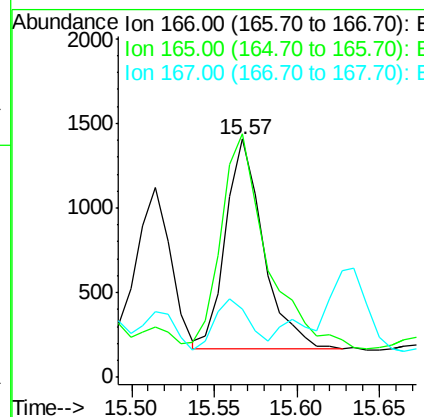
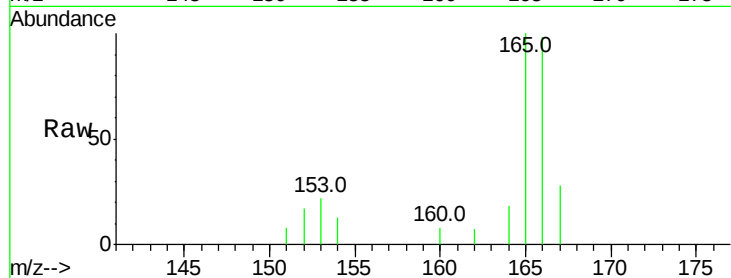
ClientSampleId :

C0AG3

Tot Ion:	166	Resp:	1955
Ion Ratio	Lower	Upper	
166	100		
165	102.1	73.4	110.2
167	28.6	14.6	22.0#

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#12

Phenanthrene

Concen: 1.411 ng/ul

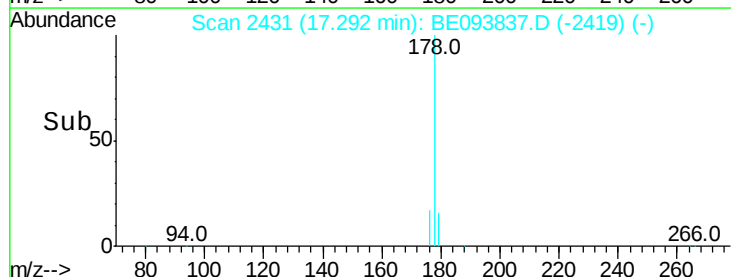
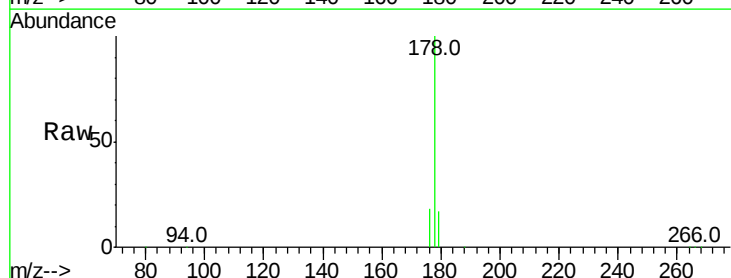
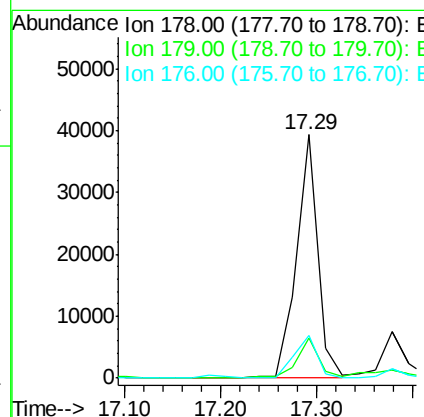
RT: 17.29 min Scan# 2431

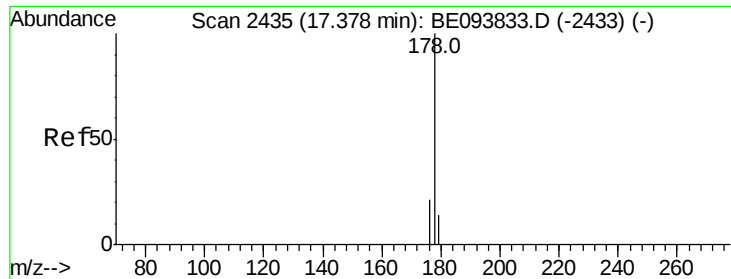
Delta R.T. 0.00 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Tgt Ion:	178	Resp:	59927
Ion Ratio	Lower	Upper	
178	100		
179	16.6	18.4	27.6#
176	17.6	13.6	20.4





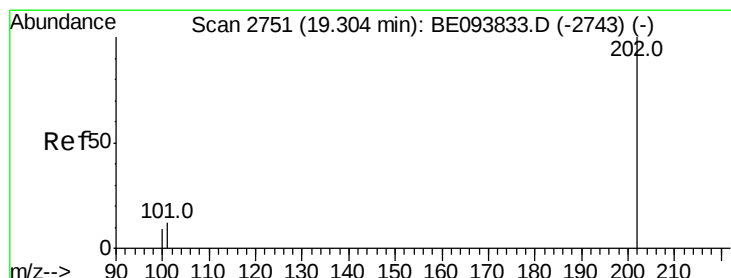
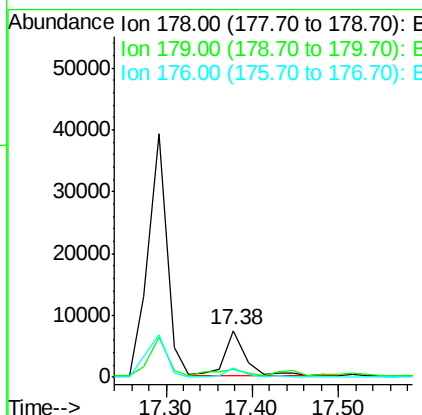
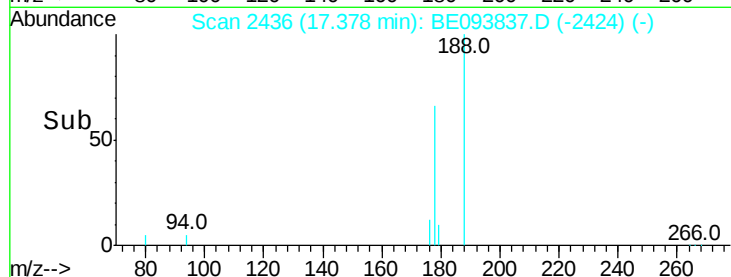
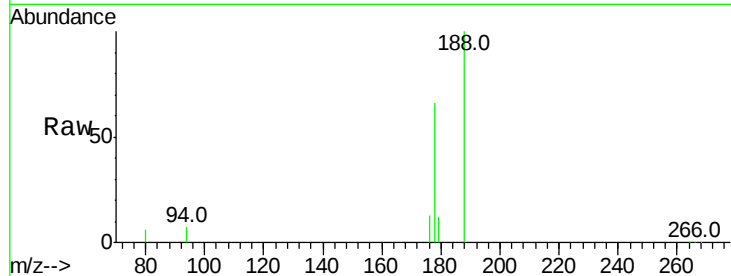
#13
 Anthracene
 Concen: 0.305 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093837.D
 Acq: 16 Aug 2017 12:53

Instrument :
 BNA_E
 ClientSampleId :
 C0AG3

Tot Ion:178 Resp: 12640
 Ion Ratio Lower Upper
 178 100
 179 17.4 18.1 27.1#
 176 19.4 14.7 22.1

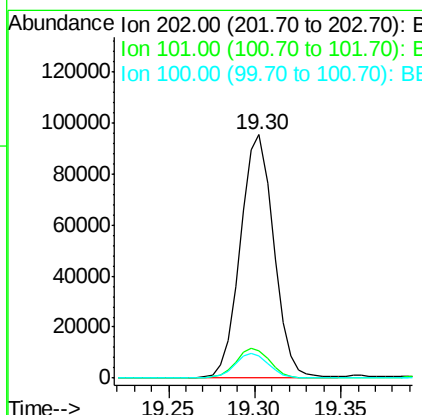
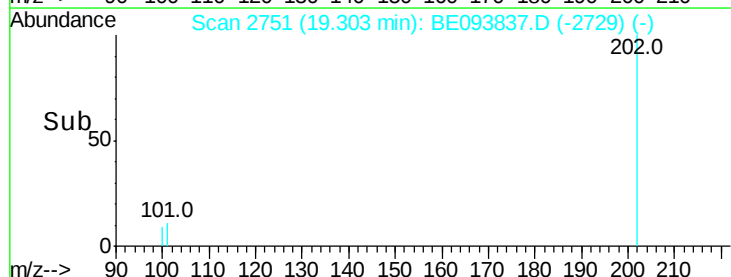
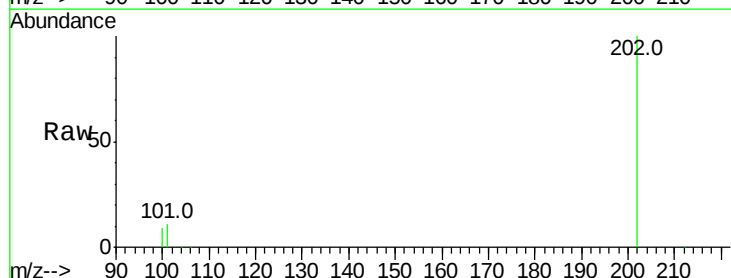
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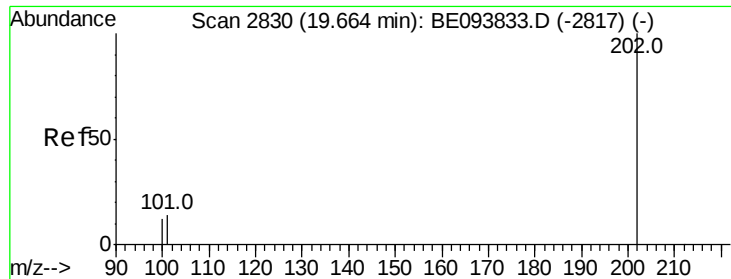
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#15
 Fluoranthene
 Concen: 2.402 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093837.D
 Acq: 16 Aug 2017 12:53

Tgt Ion:202 Resp: 127576
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 30.3
 100 8.9 0.0 39.5





#17

Pvrene

Concen: 2.975 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

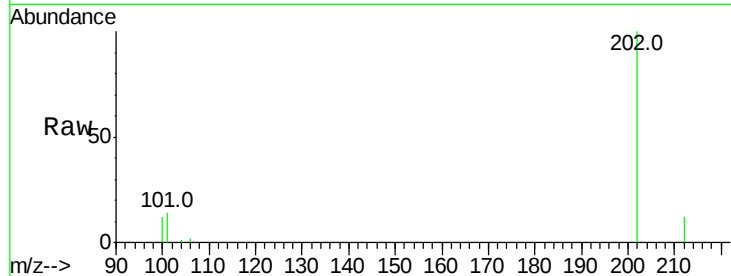
ClientSampled :

C0AG3

Tot Ion:	202	Resp:	140659
Ion Ratio	Lower	Upper	
202	100		
101	13.8	18.2	27.4#
100	11.8	15.6	23.4#

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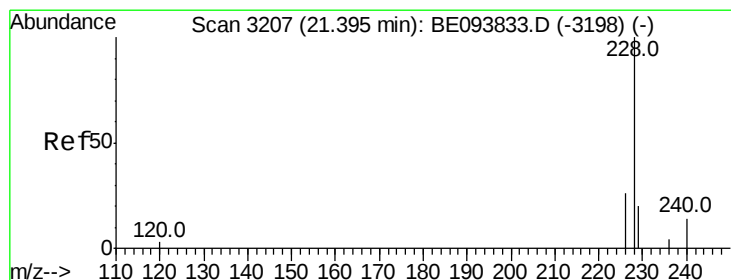
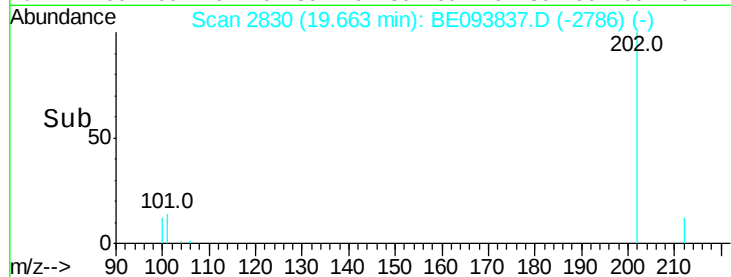
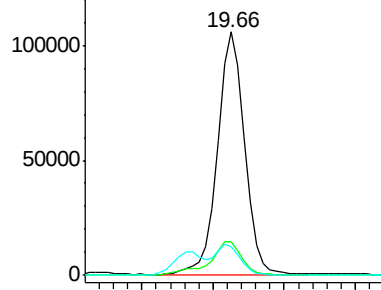
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 1.852 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BE093837.D

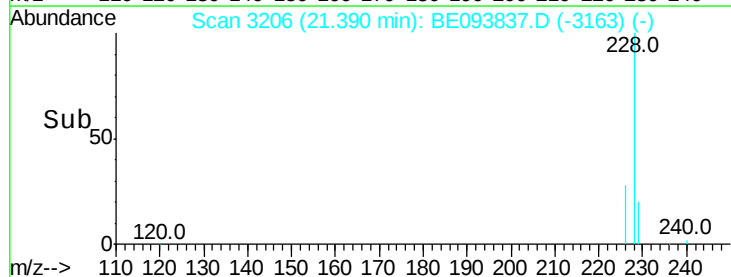
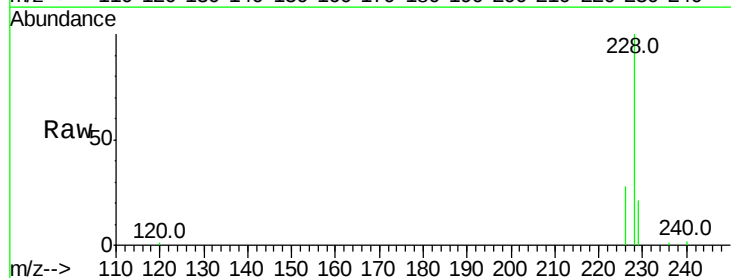
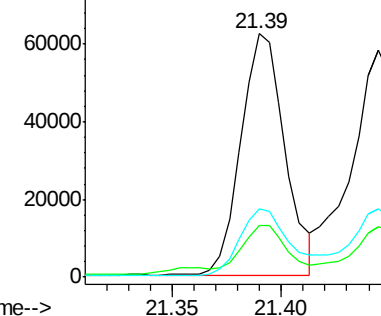
Acq: 16 Aug 2017 12:53

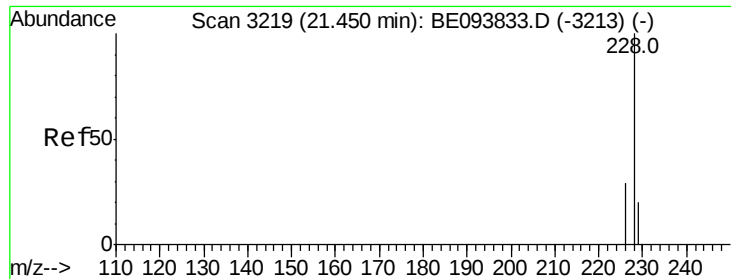
Tgt Ion:	228	Resp:	86983
Ion Ratio	Lower	Upper	
228	100		
229	21.0	22.8	34.2#
226	28.1	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.113 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

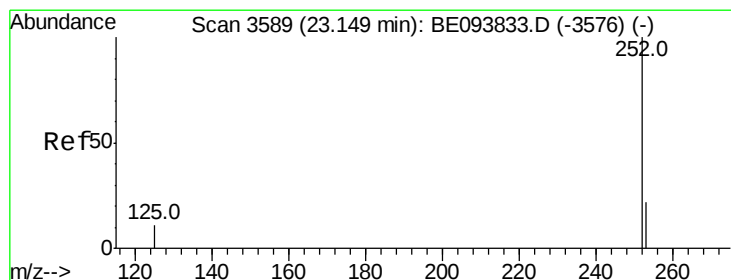
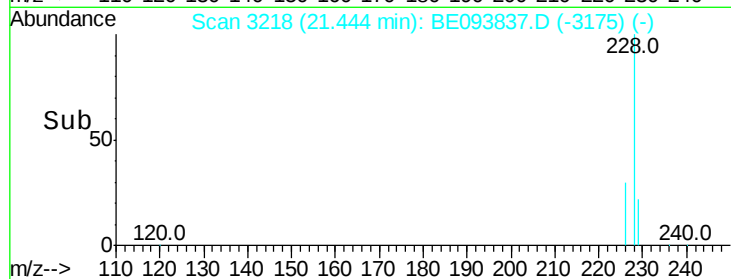
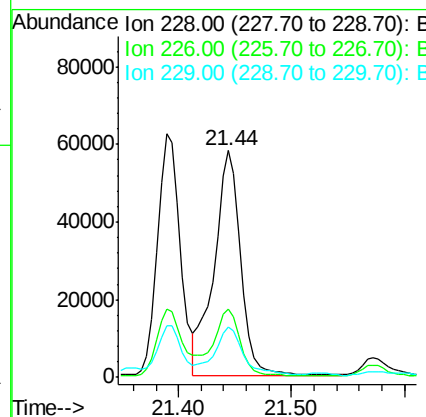
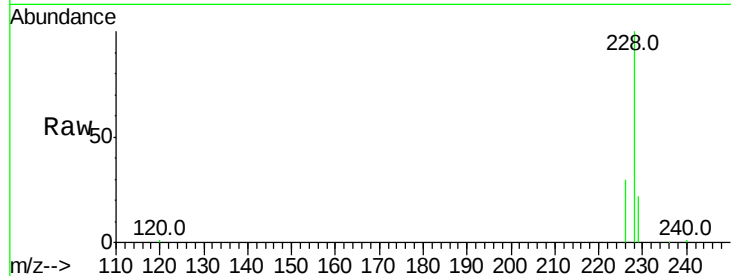
ClientSampleId :

C0AG3

Tot Ion:	228	Resp:	95166
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.496 ng/ul

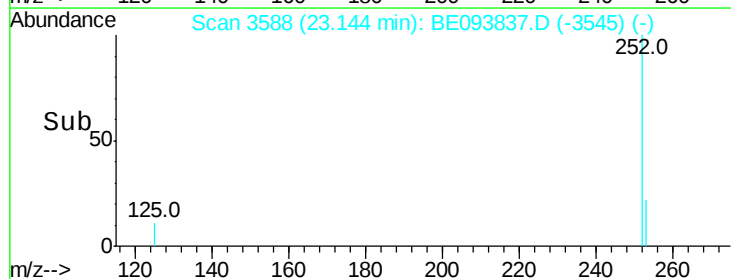
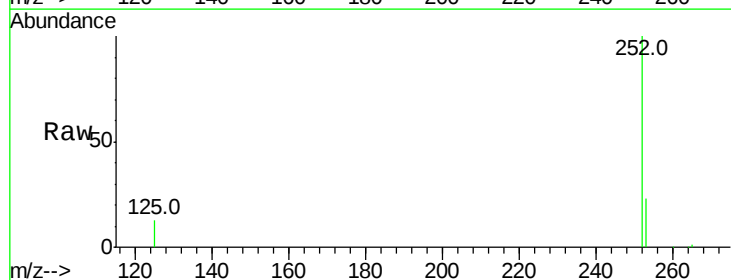
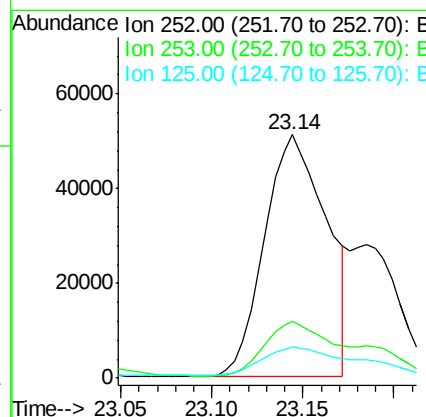
RT: 23.14 min Scan# 3588

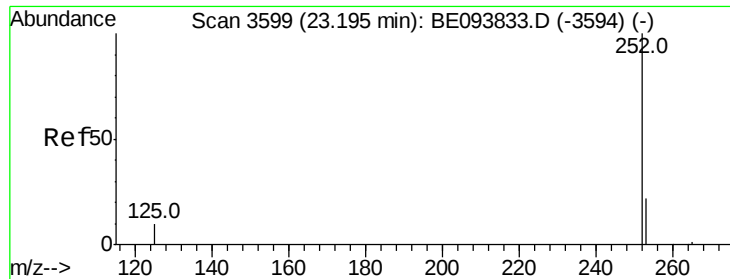
Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Tgt Ion:	252	Resp:	121405
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	12.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.137 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

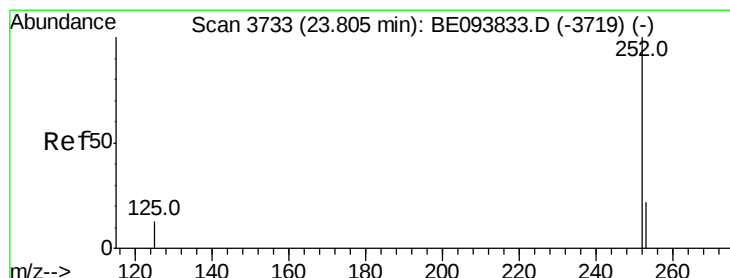
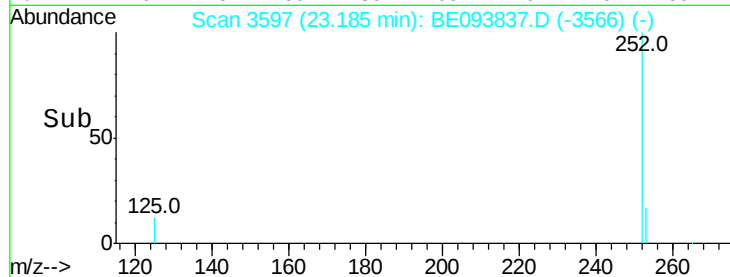
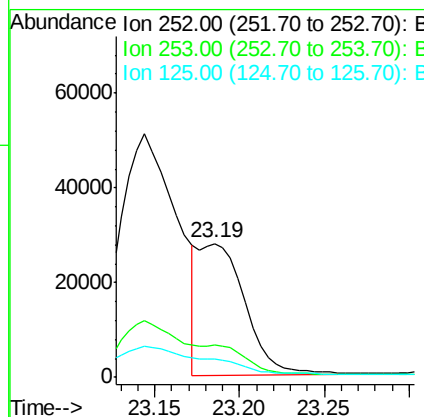
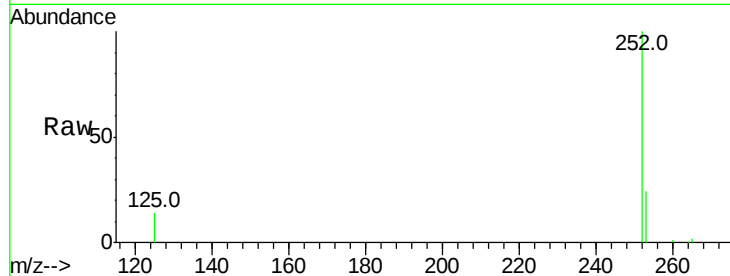
ClientSampleId :

C0AG3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	13.6	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.081 ng/ul m

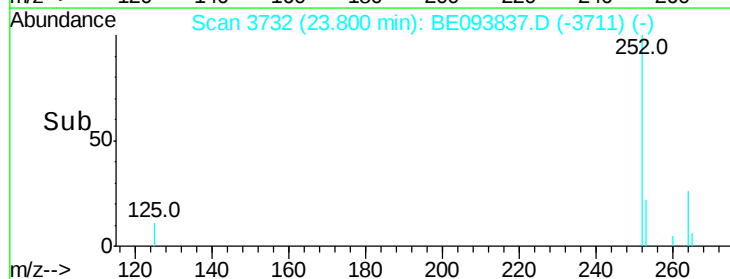
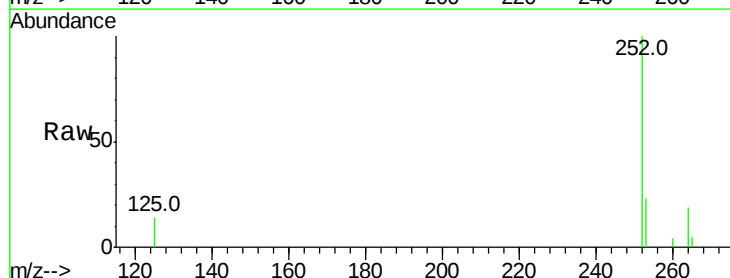
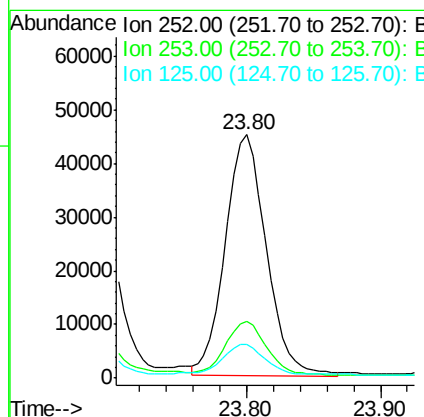
RT: 23.80 min Scan# 3732

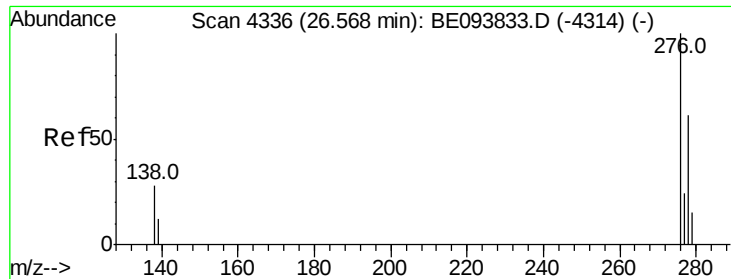
Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	13.7	18.1	27.1#





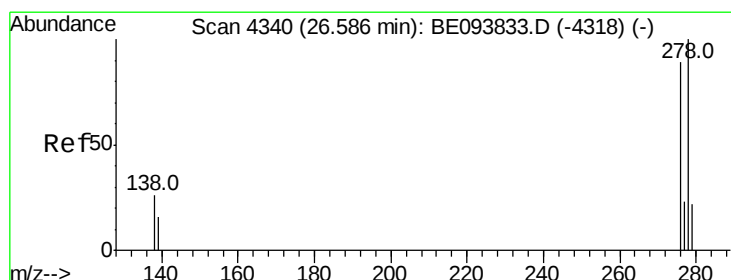
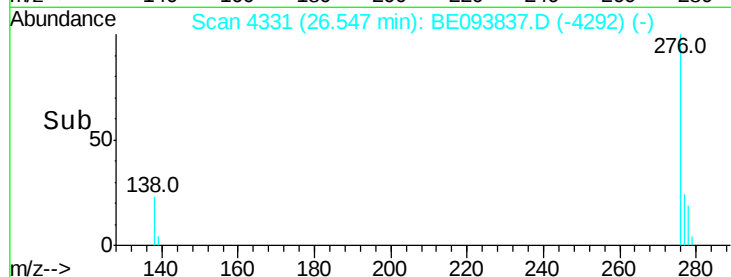
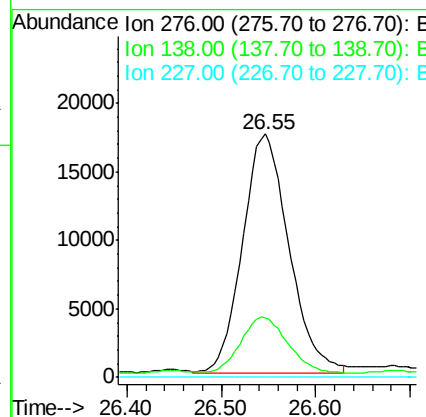
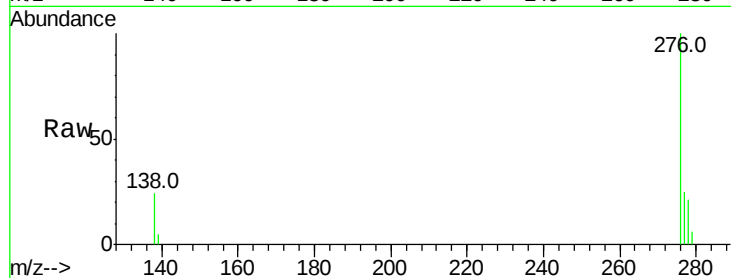
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.171 ng/ul m
 RT: 26.55 min Scan# 4331
 Delta R.T. -0.02 min
 Lab File: BE093837.D
 Acq: 16 Aug 2017 12:53

Instrument :
 BNA_E
 ClientSampleId :
 C0AG3

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

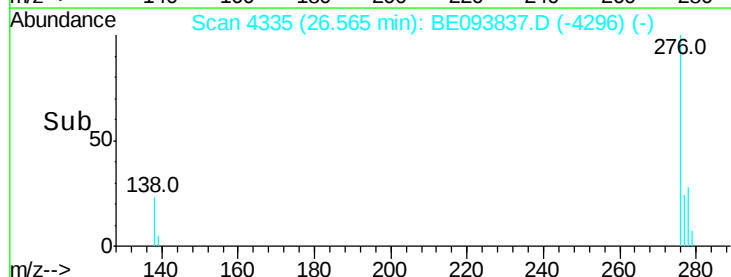
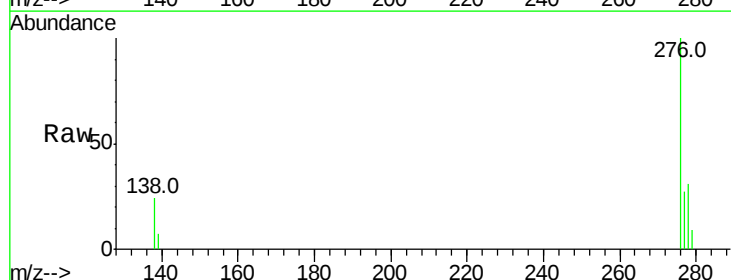
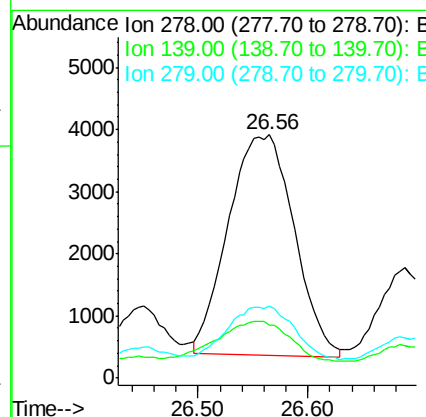
Manual Integrations
 APPROVED

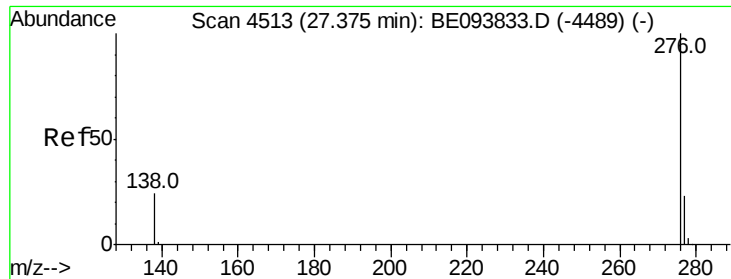
Sohil
 8/17/2017 5:59:23 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.345 ng/ul m
 RT: 26.56 min Scan# 4335
 Delta R.T. -0.02 min
 Lab File: BE093837.D
 Acq: 16 Aug 2017 12:53

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.7	17.4	26.0
279	29.4	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 1.195 ng/ul m

RT: 27.37 min Scan# 4511

Delta R.T. -0.01 min

Lab File: BE093837.D

Acq: 16 Aug 2017 12:53

Instrument :

BNA_E

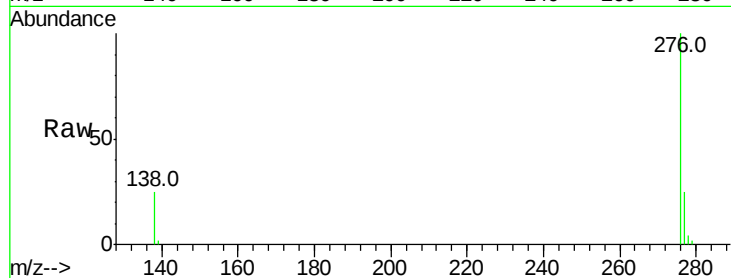
ClientSampleId :

C0AG3

Tot Ion:	276	Resp:	51449
Ion Ratio	Lower	Upper	
276	100		
138	24.8	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:23 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

