

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093841.D
 Acq On : 16 Aug 2017 15:22
 Operator : SJ/JU
 Sample : I4672-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH4

Manual Integrations
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Sohil
 8/17/2017 5:59:30 PM

Quant Time: Aug 17 02:28:02 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	2228	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11687	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7018	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15108	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16137	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19511	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3379	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	8781	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	11516	0.405	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	8225	0.397	ng/ul	99
7) Acenaphthylene	14.24	152	13264	0.452	ng/ul	98
8) Acenaphthene	14.58	153	1180	0.051	ng/ul	96
9) Fluorene	15.57	166	1695	0.058	ng/ul#	91
12) Phenanthrene	17.29	178	55925	1.359	ng/ul#	90
13) Anthracene	17.38	178	16029	0.400	ng/ul#	91
15) Fluoranthene	19.30	202	211383	4.108	ng/ul	84
17) Pyrene	19.66	202	197085	4.184	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	119724	2.559	ng/ul#	85
19) Chrysene	21.44	228	122483	2.729	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	170577m	2.826	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	54432m	0.915	ng/ul	
23) Benzo(a)pyrene	23.80	252	105109	1.831	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.55	276	66911	1.056	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.56	278	17634	0.333	ng/ul	97
26) Benzo(a,h,i)perylene	27.37	276	53405	1.000	ng/ul	98

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

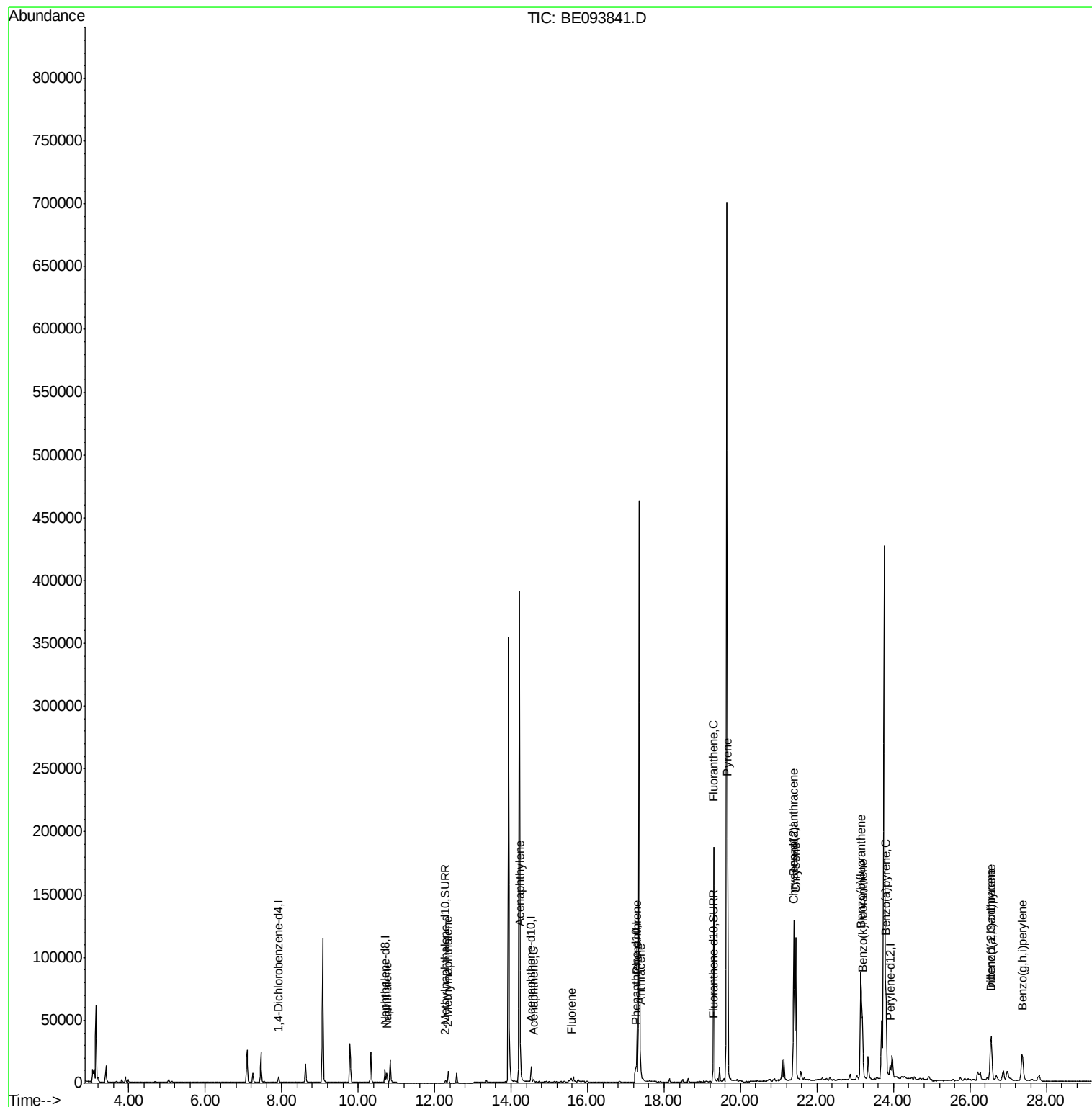
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
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ALS Vial : 10 Sample Multiplier: 1

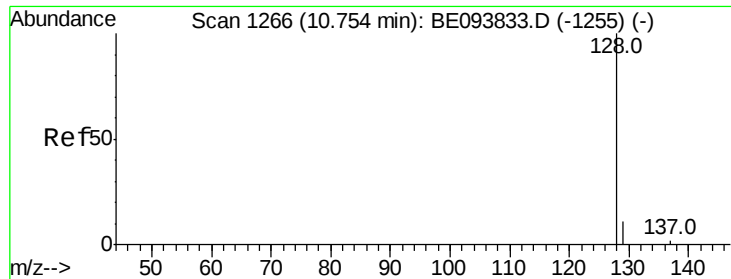
Instrument :
BNA_E
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QLast Update : Thu Aug 17 00:58:19 2017
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#3

Naphthalene

Concen: 0.405 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093841.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_E

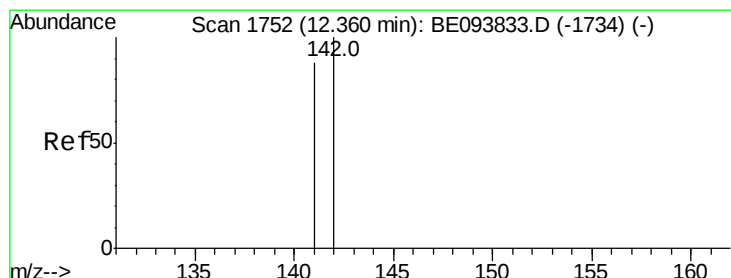
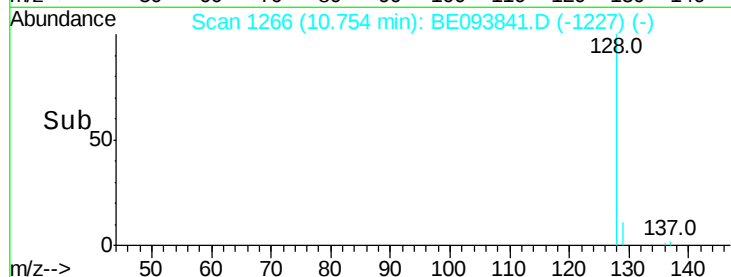
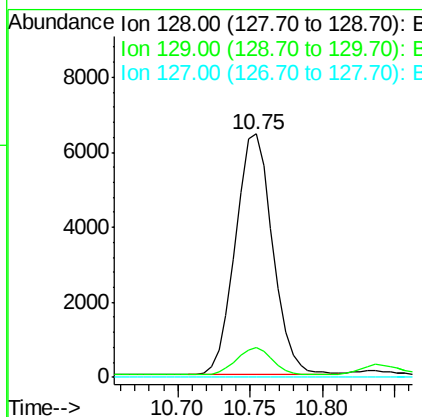
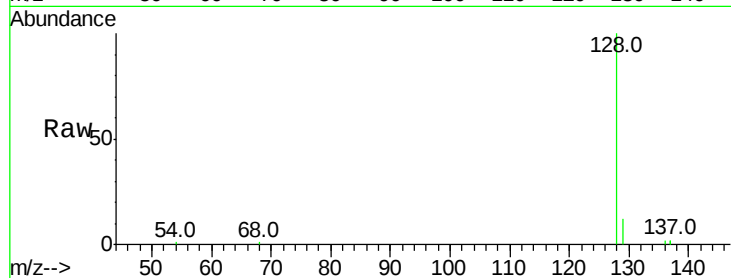
ClientSampleId :

C0AH4

Tot Ion:128	Resp:	11516
Ion Ratio	Lower	Upper
128 100		
129 12.0	11.3	16.9
127 0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.397 ng/ul

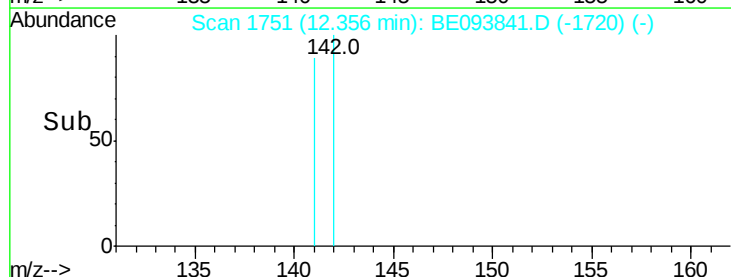
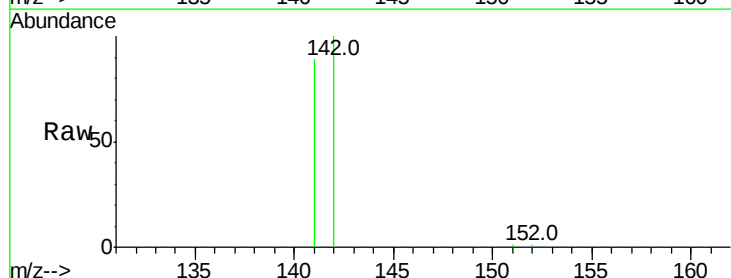
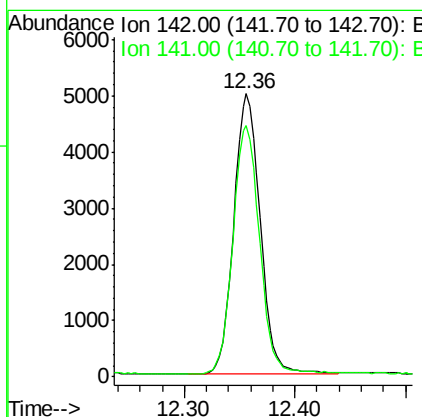
RT: 12.36 min Scan# 1751

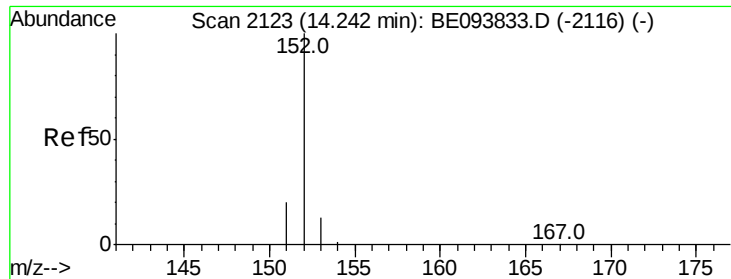
Delta R.T. -0.00 min

Lab File: BE093841.D

Acq: 16 Aug 2017 15:22

Tgt Ion:142	Resp:	8225
Ion Ratio	Lower	Upper
142 100		
141 89.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.452 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093841.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_E

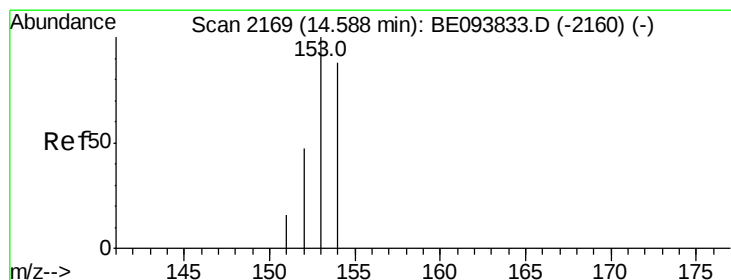
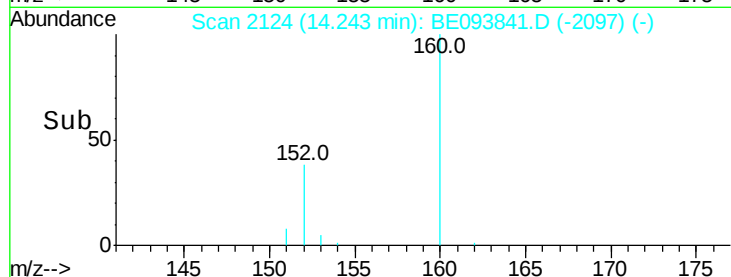
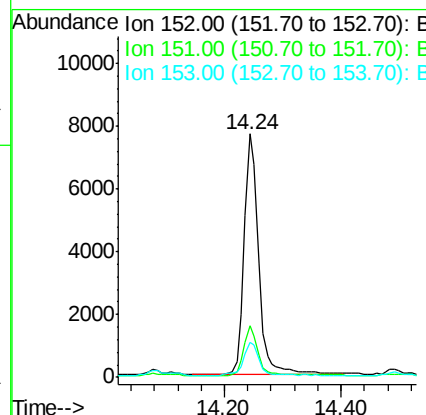
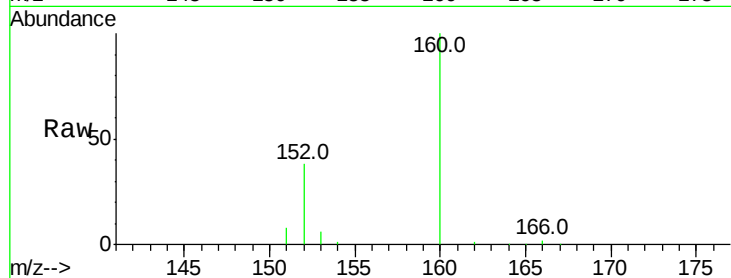
ClientSampled :

C0AH4

Tot Ion:	152	Resp:	13264
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.1	25.7
153	14.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.051 ng/ul

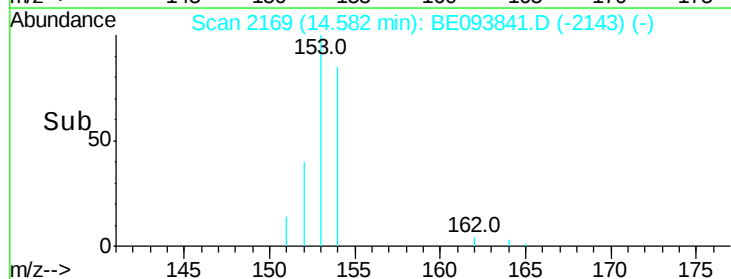
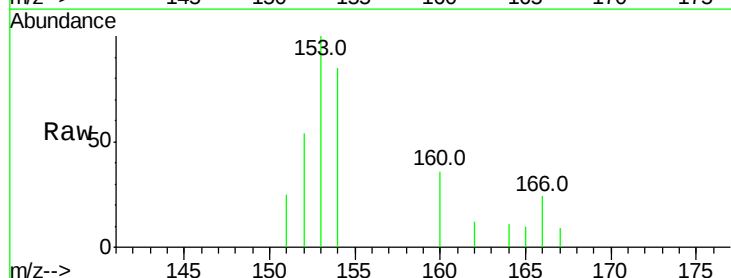
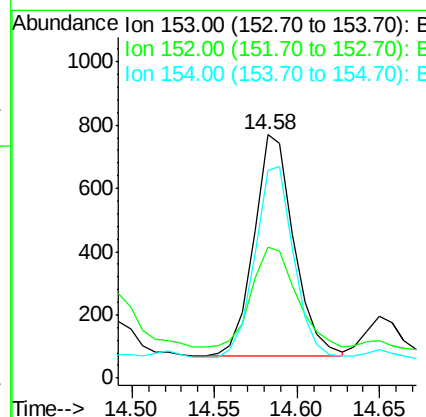
RT: 14.58 min Scan# 2169

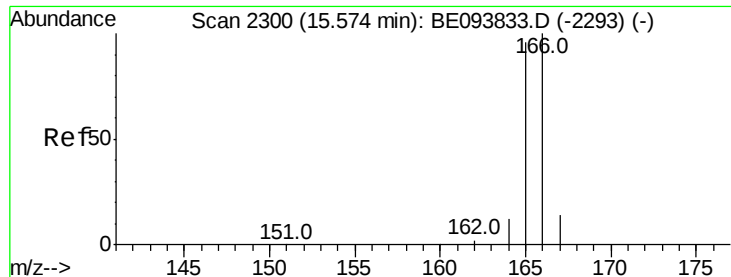
Delta R.T. -0.01 min

Lab File: BE093841.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	153	Resp:	1180
Ion Ratio	Lower	Upper	
153	100		
152	53.6	40.3	60.5
154	85.2	71.4	107.2





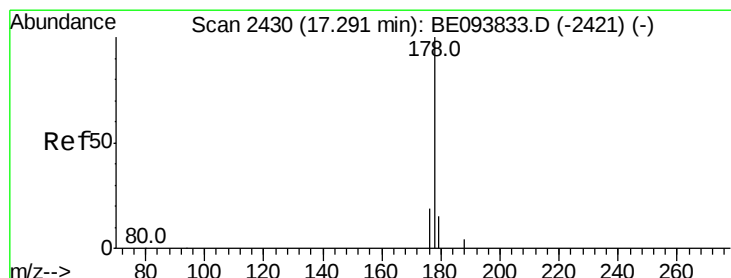
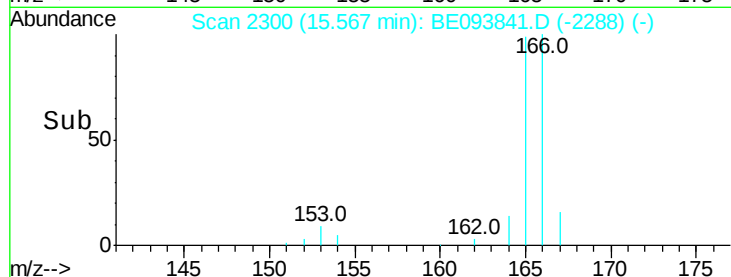
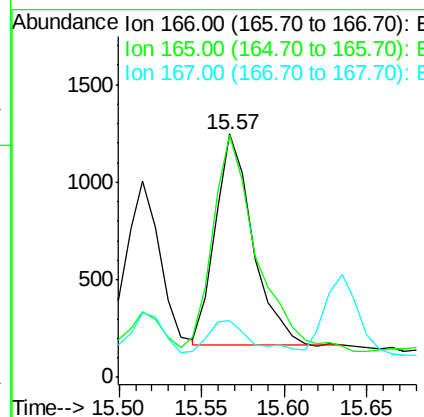
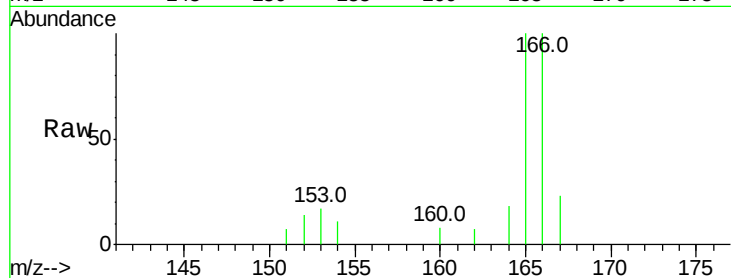
#9
Fluorene
 Concen: 0.058 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE093841.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_E
 ClientSampleId :
 C0AH4

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	73.4	110.2
167	23.3	14.6	22.0

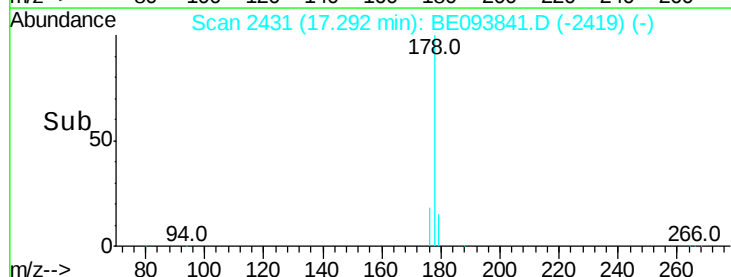
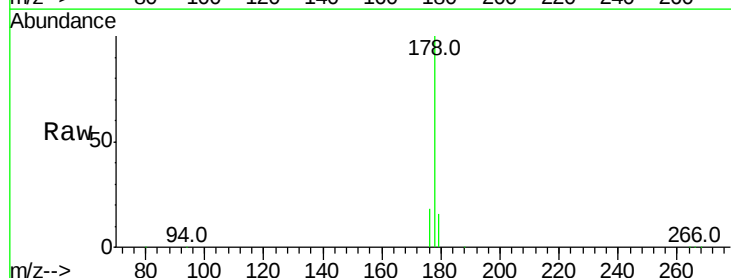
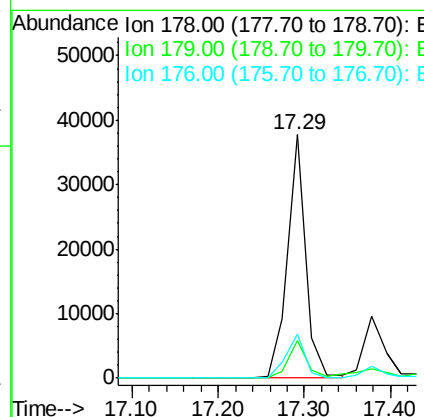
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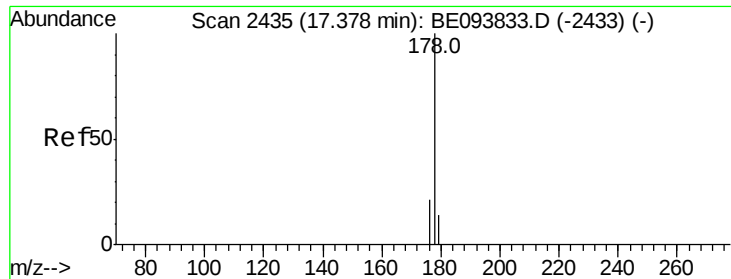
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#12
Phenanthrene
 Concen: 1.359 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE093841.D
 Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6
176	18.0	13.6	20.4





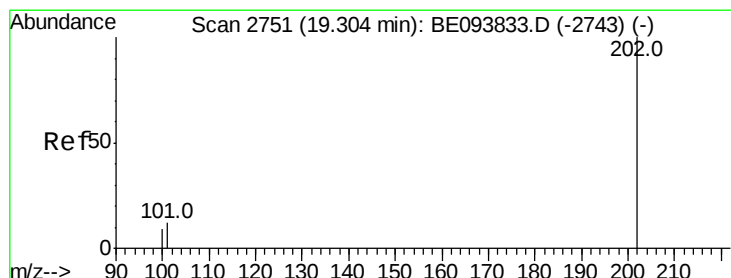
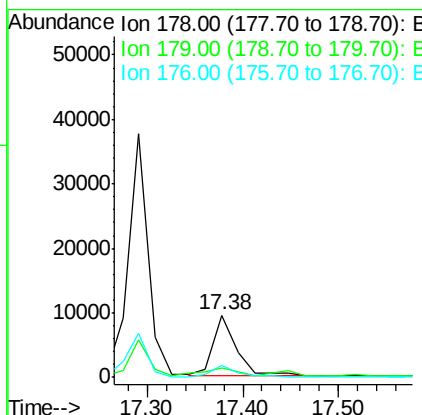
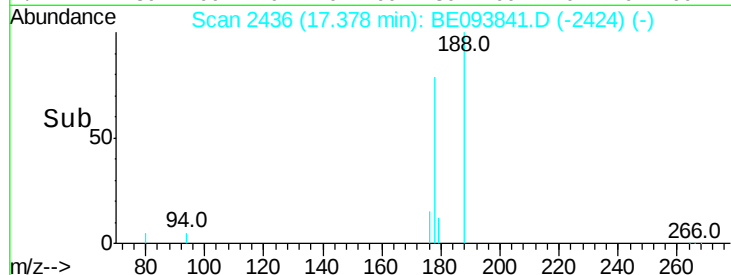
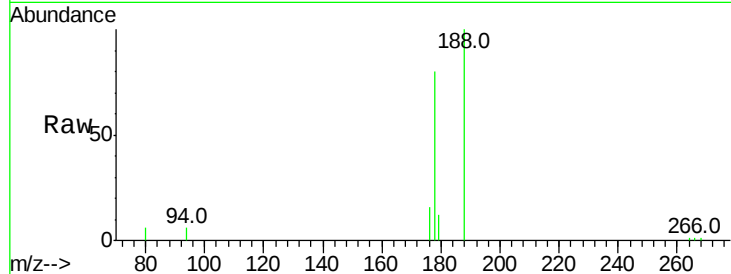
#13
 Anthracene
 Concen: 0.400 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE093841.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_E
 ClientSampled :
 C0AH4

Tot Ion:178 Resp: 16029
 Ion Ratio Lower Upper
 178 100
 179 15.7 18.1 27.1#
 176 19.6 14.7 22.1

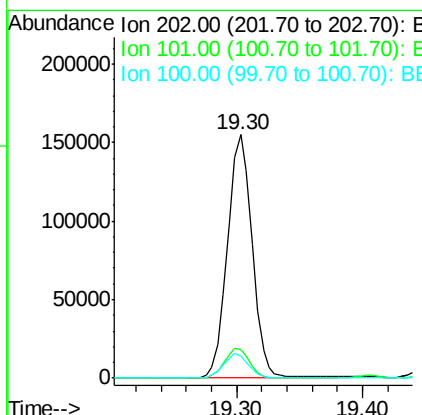
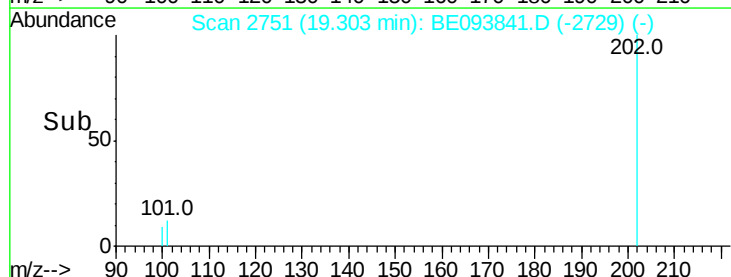
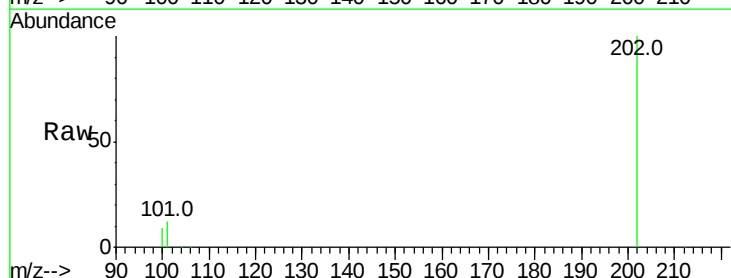
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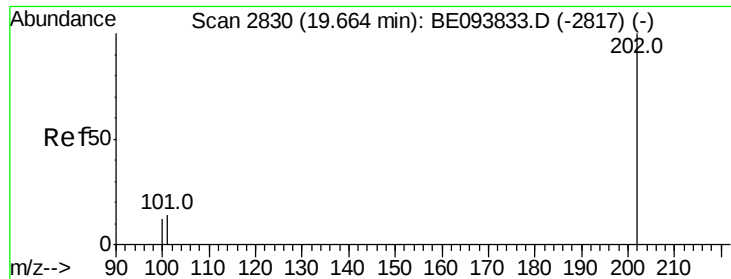
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#15
 Fluoranthene
 Concen: 4.108 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093841.D
 Acq: 16 Aug 2017 15:22

Tgt Ion:202 Resp: 211383
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 30.3
 100 9.2 0.0 39.5





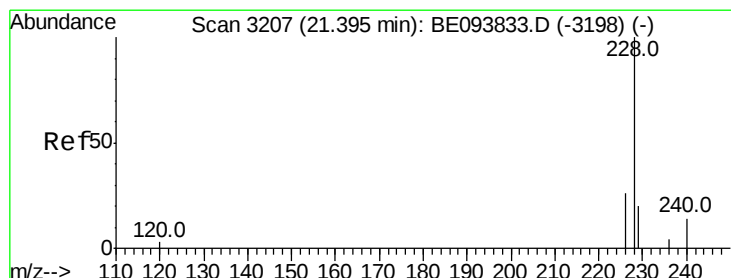
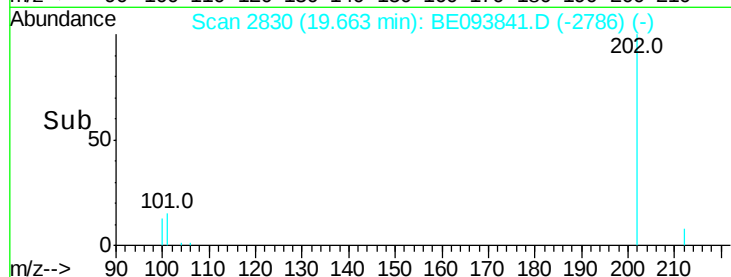
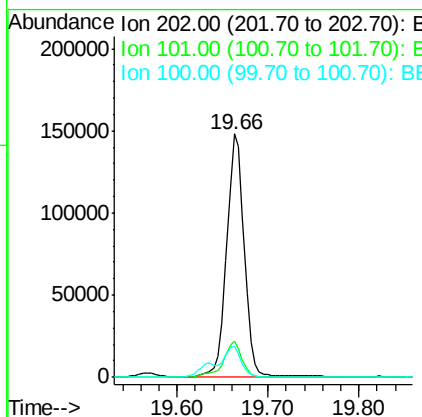
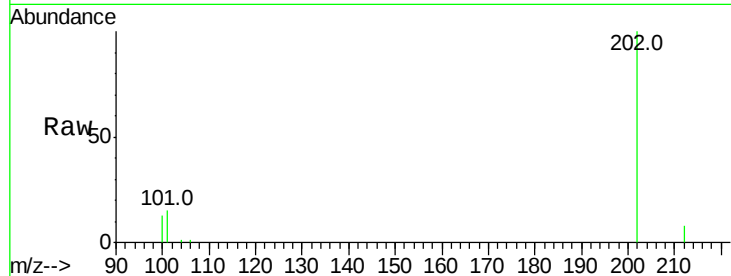
#17
Pvrene
Concen: 4.184 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093841.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_E
ClientSampleId :
C0AH4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.6	18.2	27.4#
100	12.8	15.6	23.4#

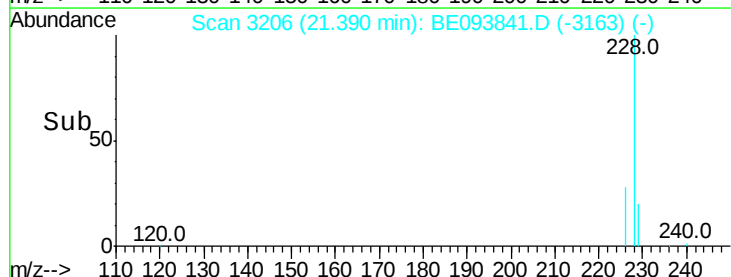
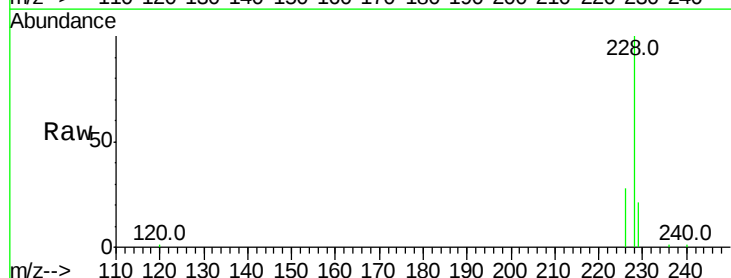
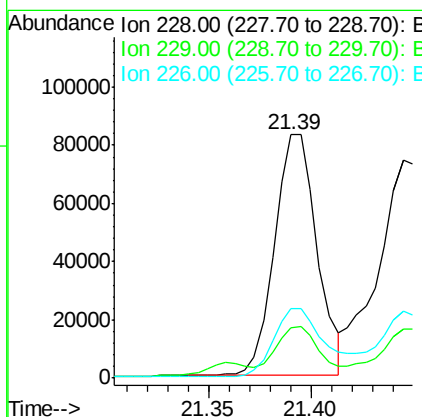
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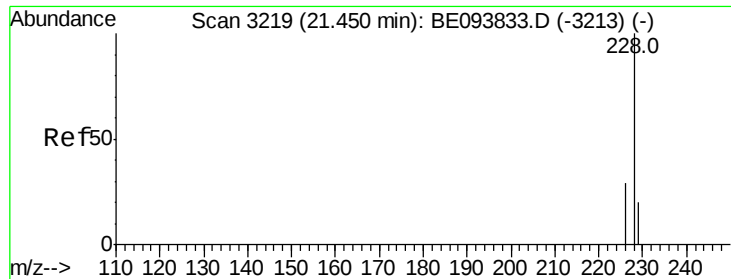
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#18
Benzo(a)anthracene
Concen: 2.559 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE093841.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	28.4	17.0	25.6#





#19

Chrysene

Concen: 2.729 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093841.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_E

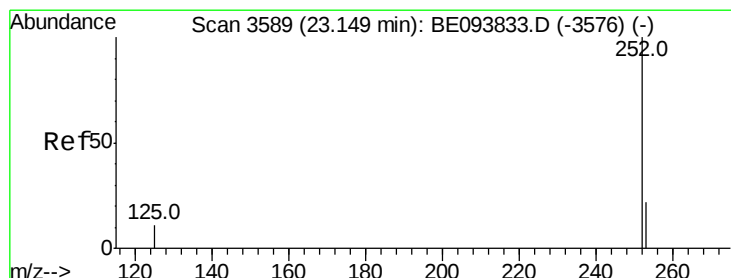
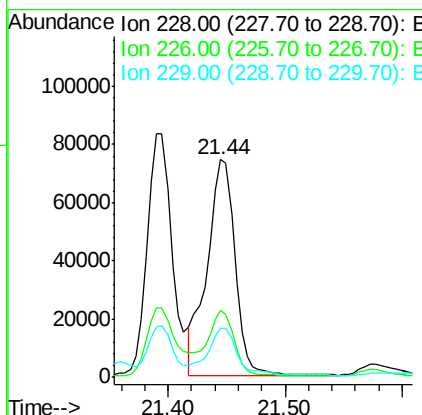
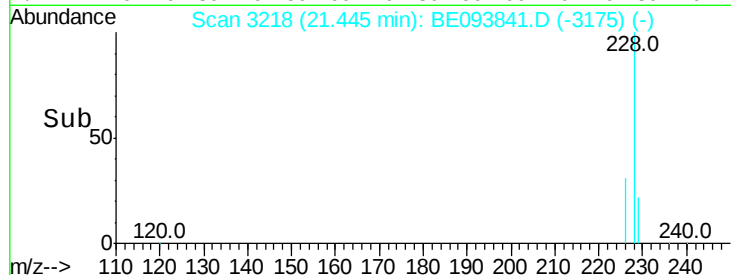
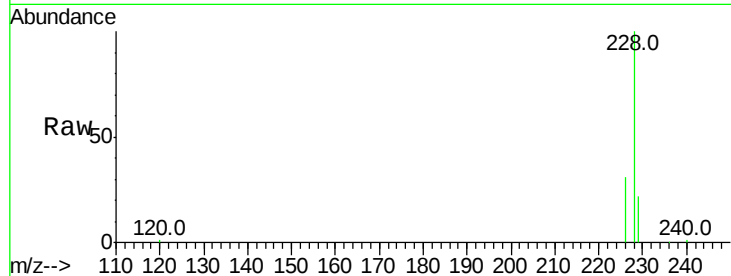
ClientSampled :

C0AH4

Tot Ion:228	Resp:	122483
Ion Ratio	Lower	Upper
228 100		
226 31.0	23.4	35.0
229 22.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.826 ng/ul m

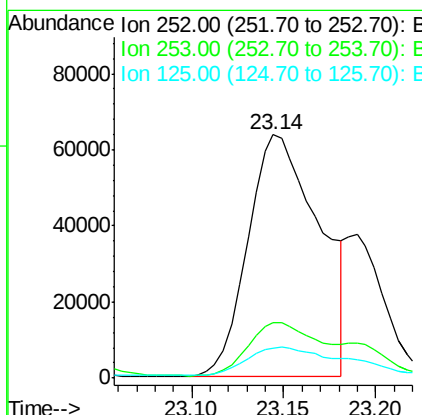
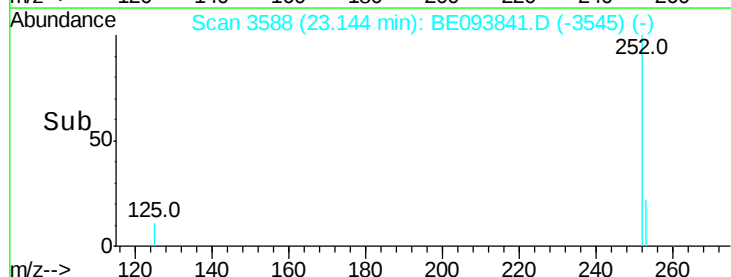
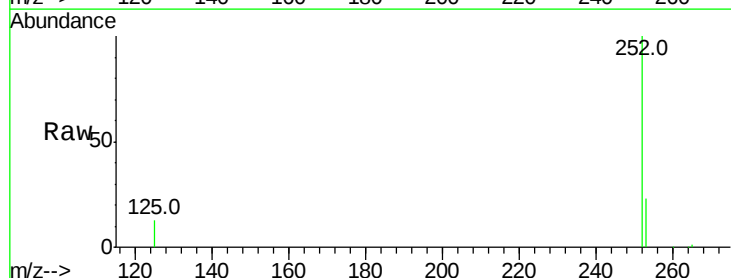
RT: 23.14 min Scan# 3588

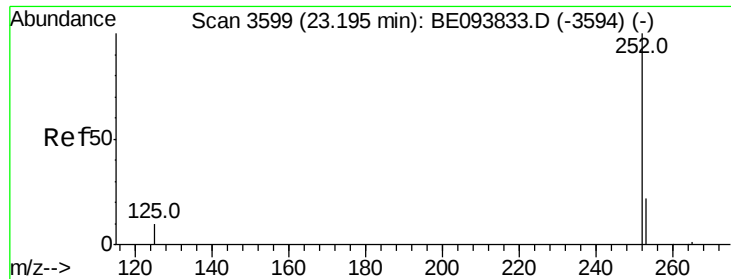
Delta R.T. -0.01 min

Lab File: BE093841.D

Acq: 16 Aug 2017 15:22

Tgt Ion:252	Resp:	170577
Ion Ratio	Lower	Upper
252 100		
253 23.0	0.0	64.2
125 12.5	0.0	35.0





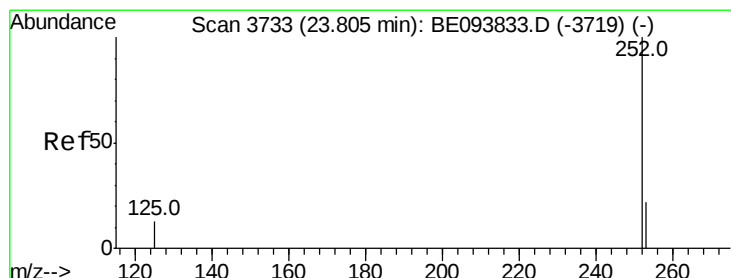
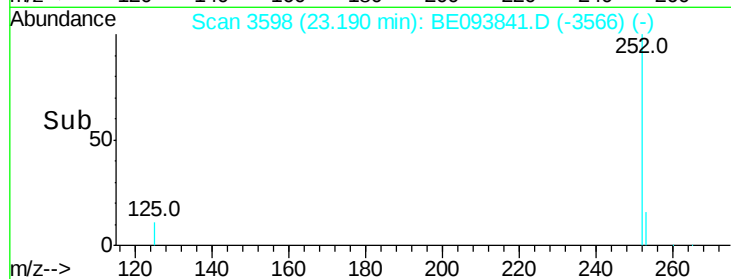
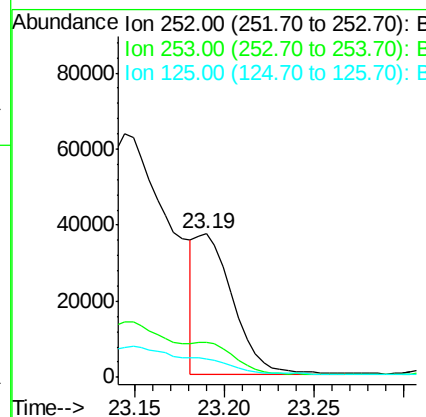
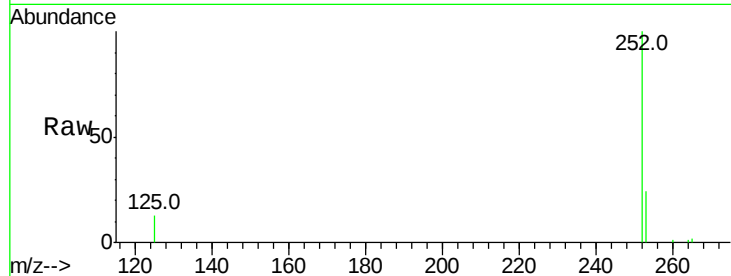
#22
Benzo(k)fluoranthene
Concen: 0.915 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.01 min
Lab File: BE093841.D
Acq: 16 Aug 2017 15:22

Instrument :
BNA_E
ClientSampleId :
C0AH4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	24.5	36.7#
125	12.9	13.7	20.5#

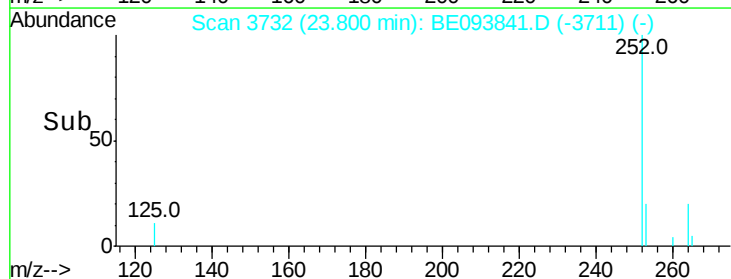
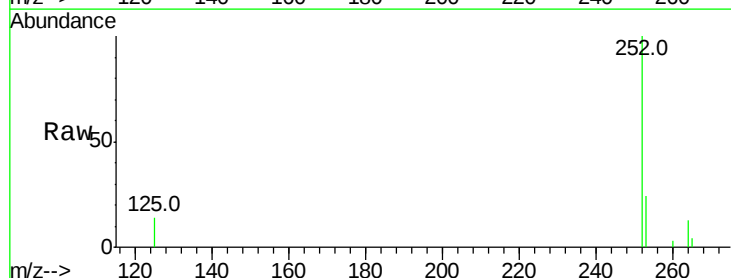
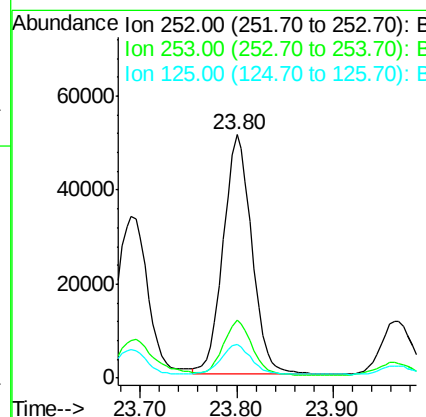
Manual Integrations
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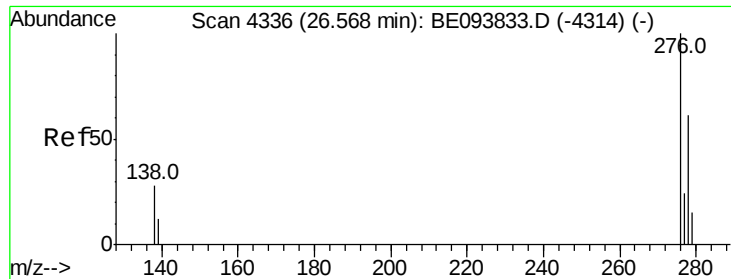
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#23
Benzo(a)pyrene
Concen: 1.831 ng/ul
RT: 23.80 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BE093841.D
Acq: 16 Aug 2017 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	13.8	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.056 ng/ul

RT: 26.55 min Scan# 4332

Delta R.T. -0.02 min

Lab File: BE093841.D

Acq: 16 Aug 2017 15:22

Instrument :

BNA_E

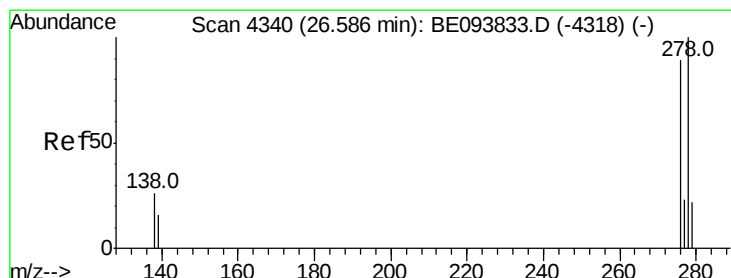
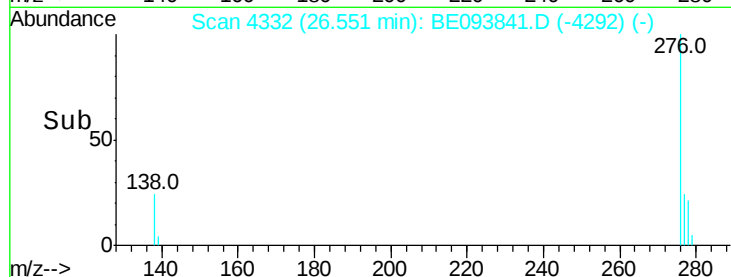
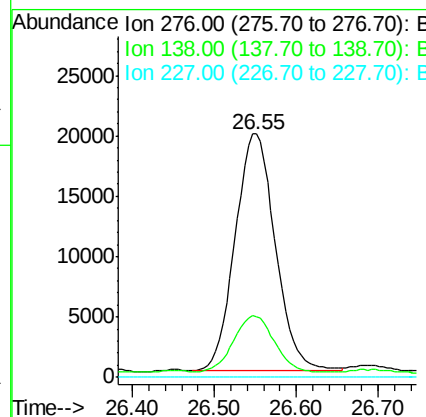
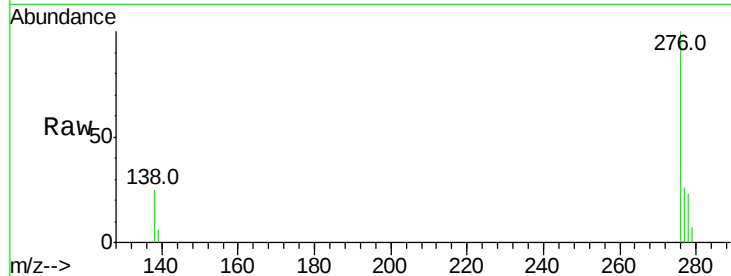
ClientSampled :

C0AH4

Tot Ion:	276	Resp:	66911
Ion Ratio	Lower	Upper	
276	100		
138	24.5	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.333 ng/ul

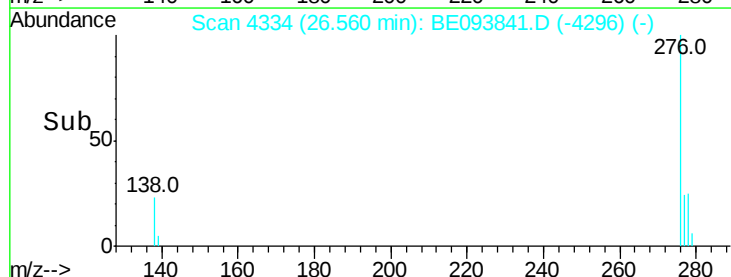
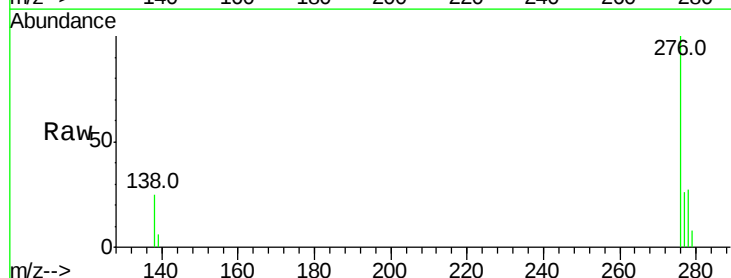
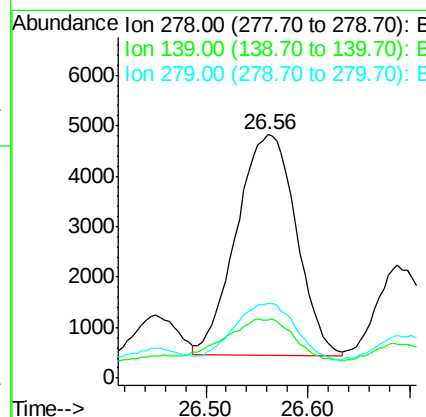
RT: 26.56 min Scan# 4334

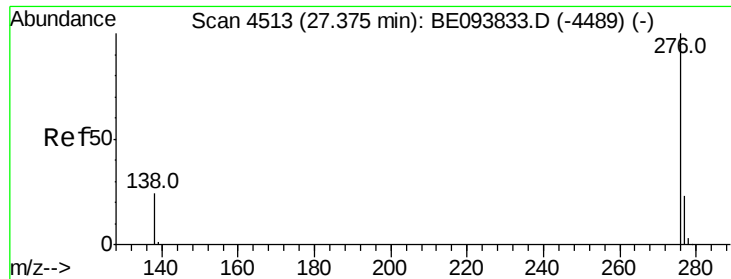
Delta R.T. -0.03 min

Lab File: BE093841.D

Acq: 16 Aug 2017 15:22

Tgt Ion:	278	Resp:	17634
Ion Ratio	Lower	Upper	
278	100		
139	23.8	17.4	26.0
279	30.9	25.9	38.9





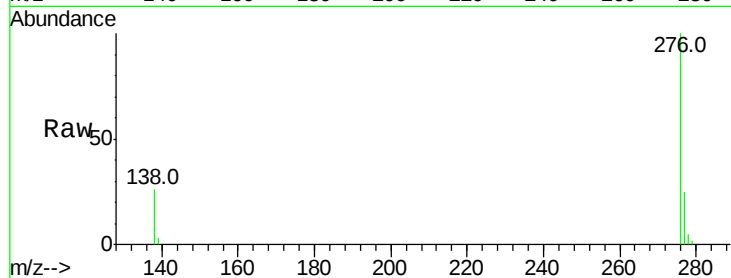
#26
 Benzo(a,h,i)perylene
 Concen: 1.000 ng/ul
 RT: 27.37 min Scan# 4511
 Delta R.T. -0.01 min
 Lab File: BE093841.D
 Acq: 16 Aug 2017 15:22

Instrument :
 BNA_E
 ClientSampleId :
 C0AH4

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.8	32.8
277	25.2	20.5	30.7

Manual Integrations
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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

