

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
 Data File : BE094205.D
 Acq On : 7 Oct 2017 16:38
 Operator : SJ/JU
 Sample : I5449-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-40(0-1)-092617

Manual Integrations
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Quant Time: Oct 08 03:22:31 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1556	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8038	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	4958	0.40	ng/ul	0.05
10) Phenanthrene-d10	17.26	188	8381m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	9394m	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	7517m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.33	152	2128m	0.17	ng/ul	0.04
14) Fluoranthene-d10	19.27	212	4323m	0.15	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	39994	2.03	ng/ul#	95
7) Acenaphthylene	14.30	152	13836	0.72	ng/ul#	89
8) Acenaphthene	14.63	153	7654	0.48	ng/ul#	87
9) Fluorene	15.59	166	9016	0.48	ng/ul#	81
11) Pentachlorophenol	16.93	266	1143m	1.16	ng/ul	
12) Phenanthrene	17.29	178	373703m	17.06	ng/ul	
13) Anthracene	17.38	178	38482	1.81	ng/ul	95
15) Fluoranthene	19.30	202	578332m	20.10	ng/ul	
17) Pyrene	19.67	202	561446	21.48	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	262453	10.53	ng/ul#	86
19) Chrysene	21.45	228	407718	14.17	ng/ul	95
21) Benzo(b)fluoranthene	23.17	252	506752m	24.82	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	149127m	6.32	ng/ul	
23) Benzo(a)pyrene	23.83	252	171848m	8.10	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.60	276	224695m	10.35	ng/ul	
25) Dibenzo(a,h)anthracene	26.60	278	65431m	3.59	ng/ul	
26) Benzo(g,h,i)perylene	27.43	276	216949m	11.59	ng/ul	

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

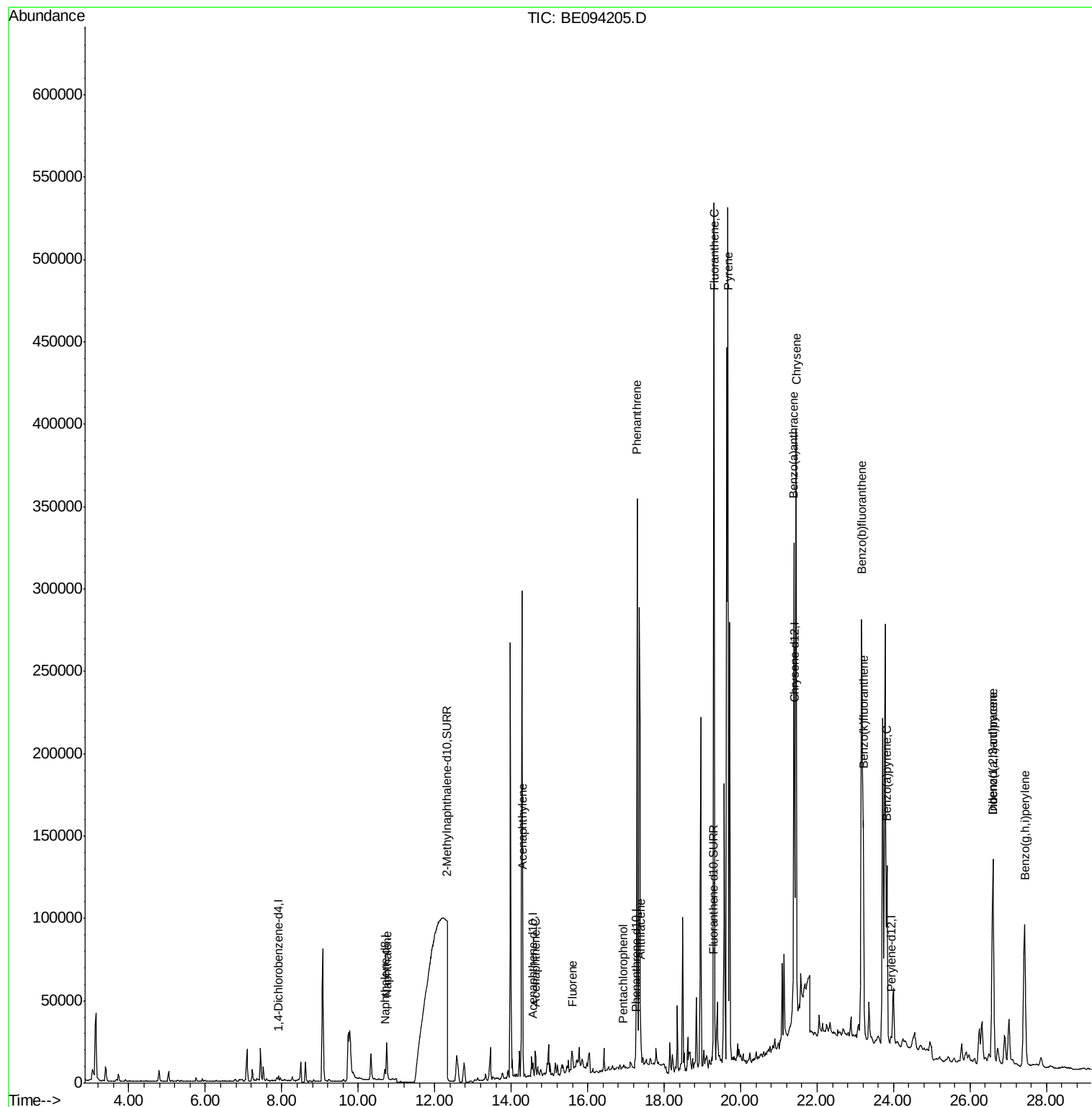
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
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ALS Vial : 10 Sample Multiplier: 1

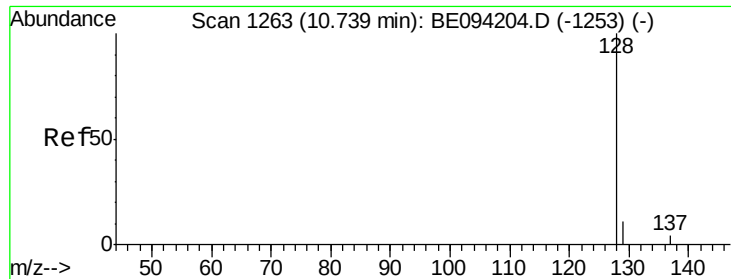
Instrument :
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B-40(0-1)-092617

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QLast Update : Fri Sep 22 01:38:22 2017
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#3

Naphthalene

Concen: 2.03 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094205.D

Acq: 7 Oct 2017 16:38

Instrument :

BNA_E

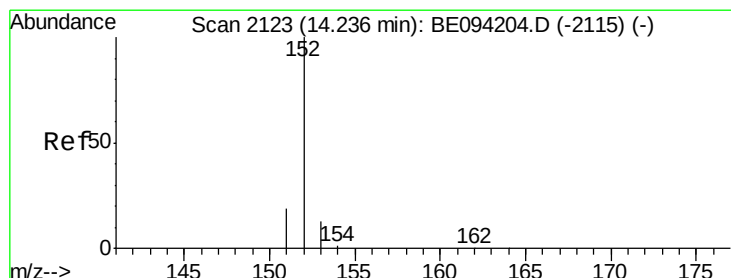
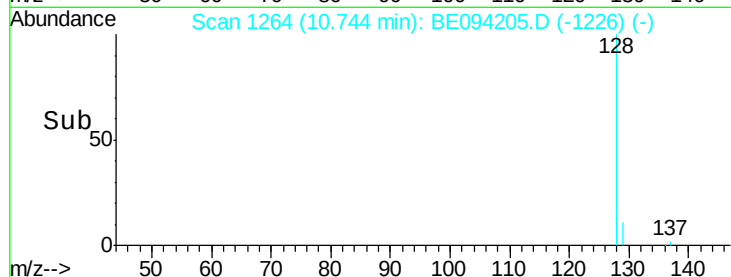
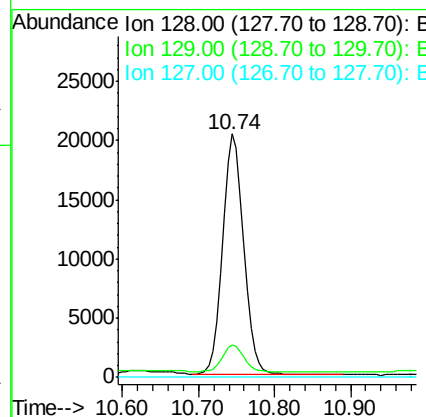
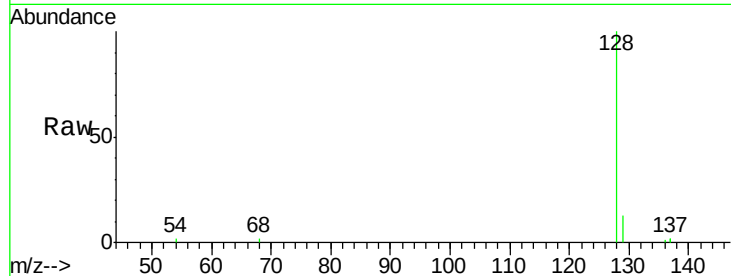
ClientSampleId :

B-40(0-1)-092617

Tgt Ion:	128	Resp:	39994
Ion Ratio	Lower	Upper	
128	100		
129	13.5	11.3	16.9
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.72 ng/ul

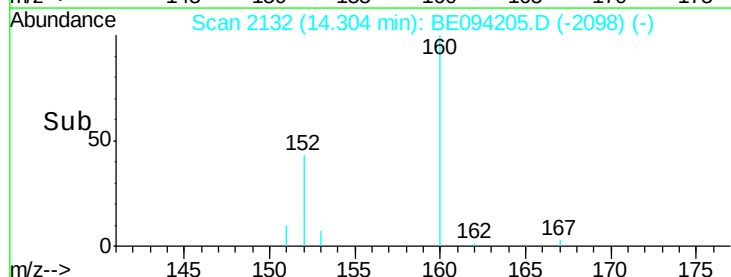
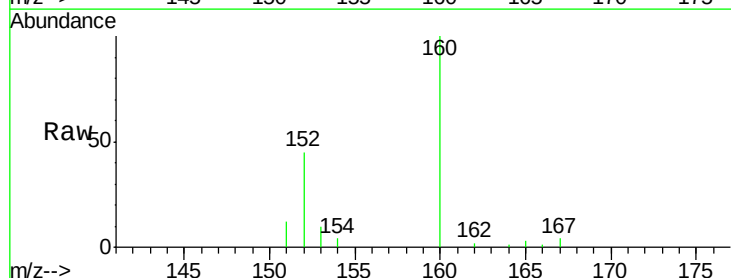
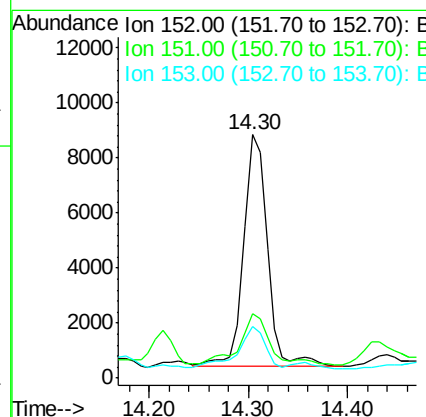
RT: 14.30 min Scan# 2132

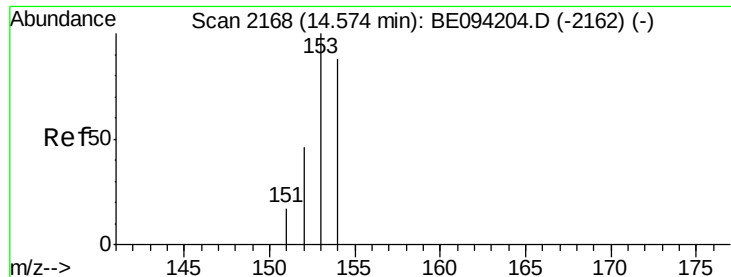
Delta R.T. 0.05 min

Lab File: BE094205.D

Acq: 7 Oct 2017 16:38

Tgt Ion:	152	Resp:	13836
Ion Ratio	Lower	Upper	
152	100		
151	26.4	17.1	25.7#
153	21.0	12.8	19.2#





#8

Acenaphthene

Concen: 0.48 ng/ul

RT: 14.63 min Scan# 2176

Delta R.T. 0.05 min

Lab File: BE094205.D

Acq: 7 Oct 2017 16:38

Instrument :

BNA_E

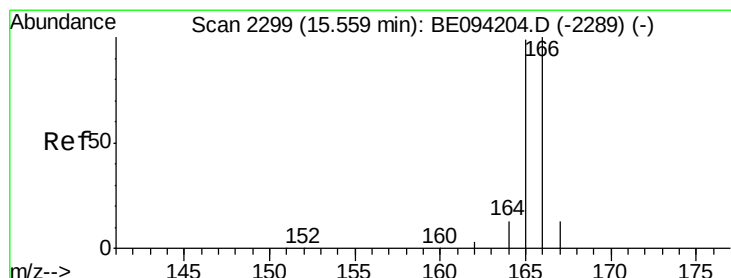
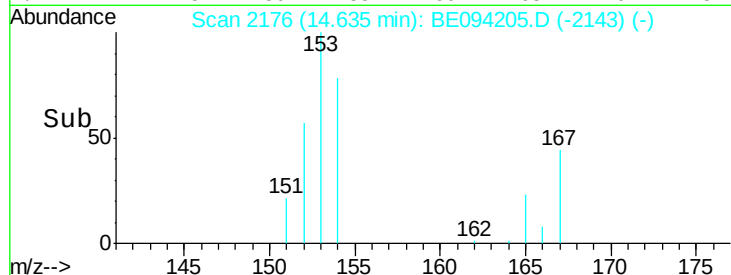
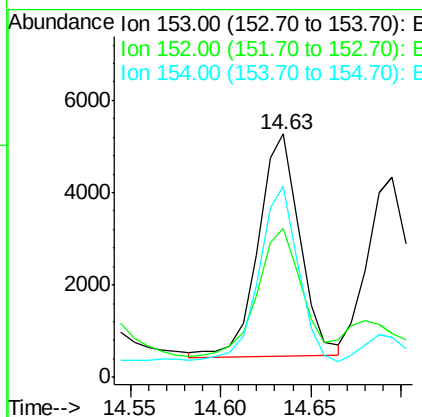
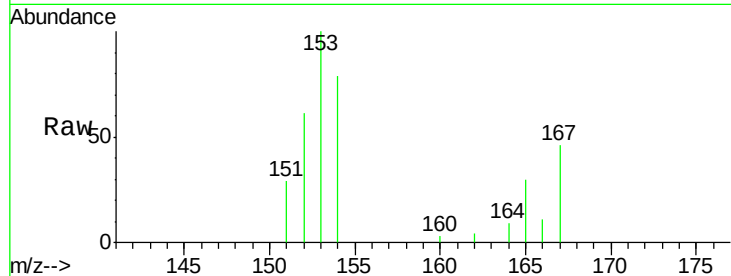
ClientSampleId :

B-40(0-1)-092617

Tgt Ion	Ratio	Lower	Upper
153	100		
152	61.3	40.3	60.5#
154	78.7	71.4	107.2

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#9

Fluorene

Concen: 0.48 ng/ul

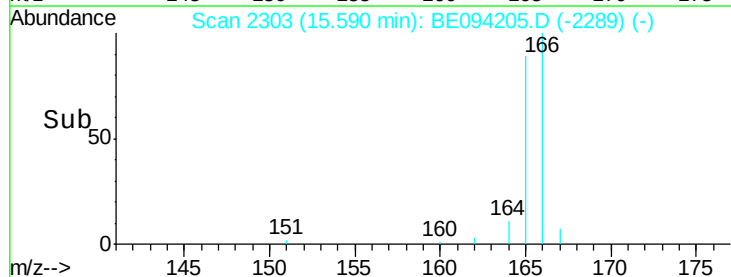
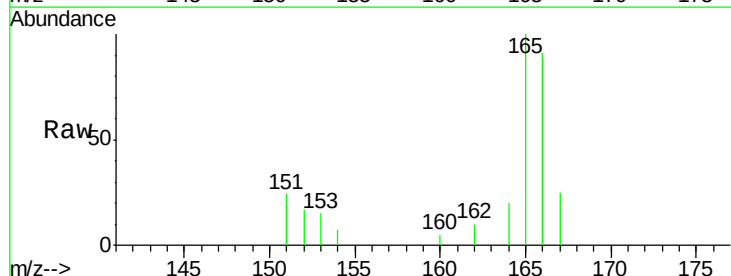
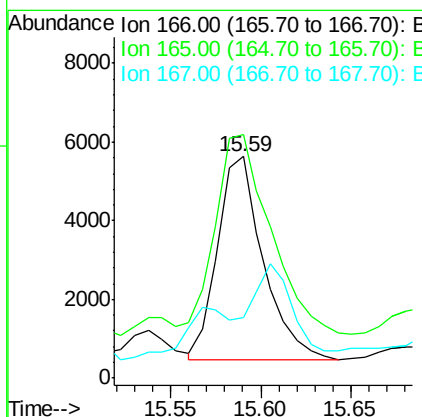
RT: 15.59 min Scan# 2303

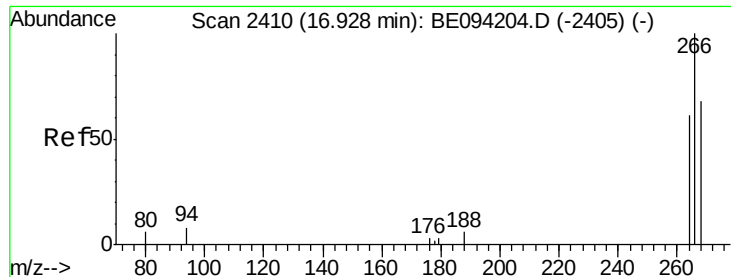
Delta R.T. 0.01 min

Lab File: BE094205.D

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	109.8	73.4	110.2
167	27.4	14.6	22.0#





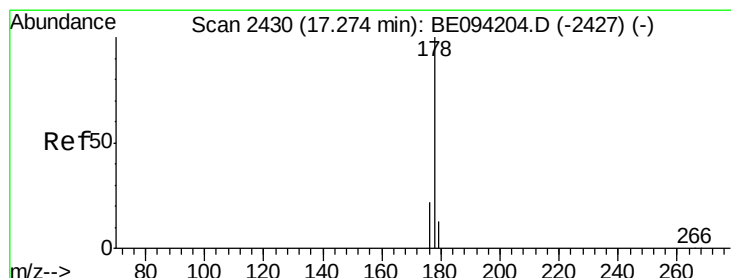
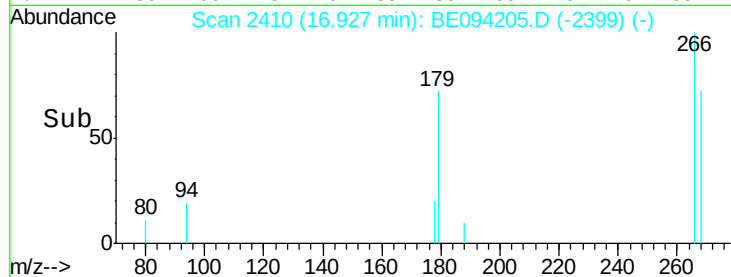
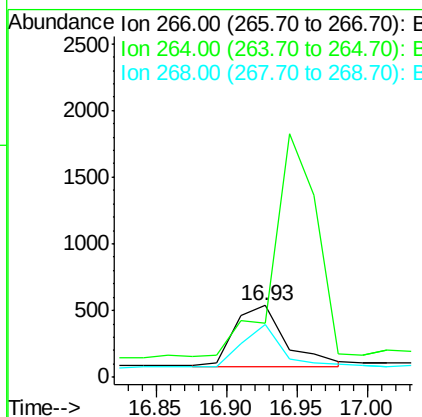
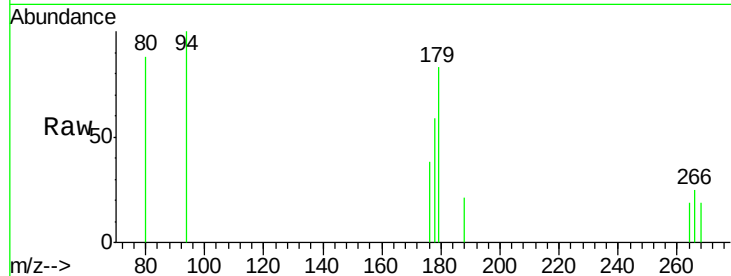
#11
 Pentachlorophenol
 Concen: 1.16 ng/ul m
 RT: 16.93 min Scan# 2410
 Delta R.T. -0.02 min
 Lab File: BE094205.D
 Acq: 7 Oct 2017 16:38

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	6.9	49.8	74.8#

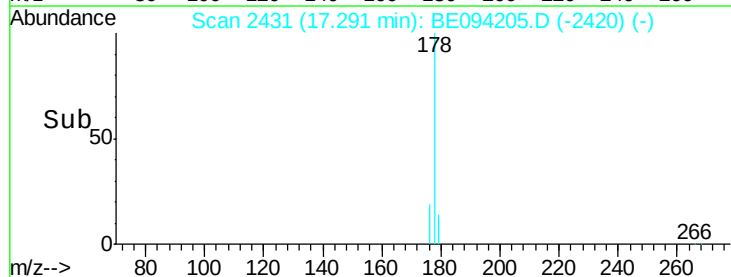
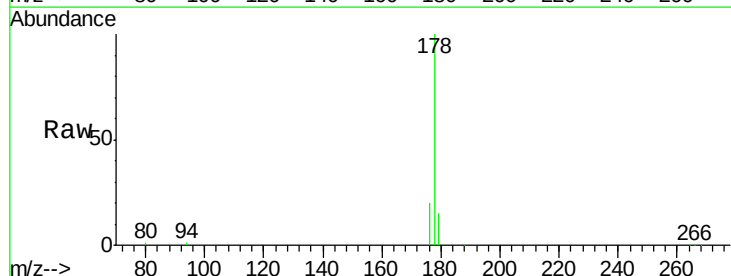
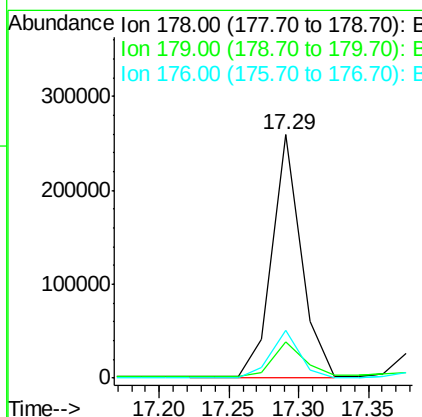
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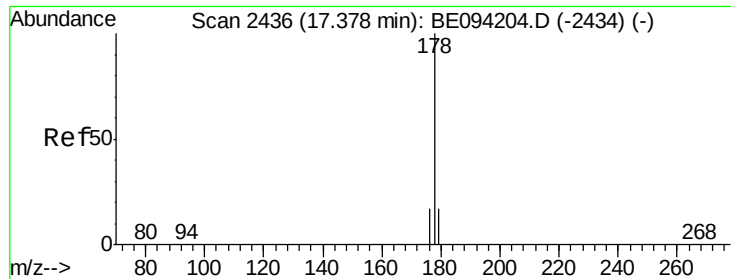
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#12
 Phenanthrene
 Concen: 17.06 ng/ul m
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094205.D
 Acq: 7 Oct 2017 16:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6#
176	19.6	13.6	20.4





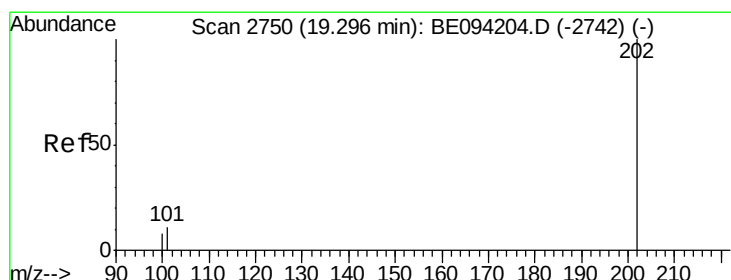
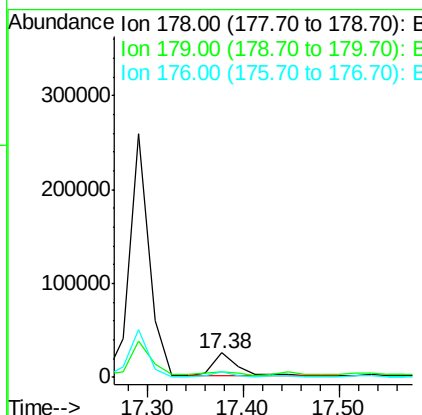
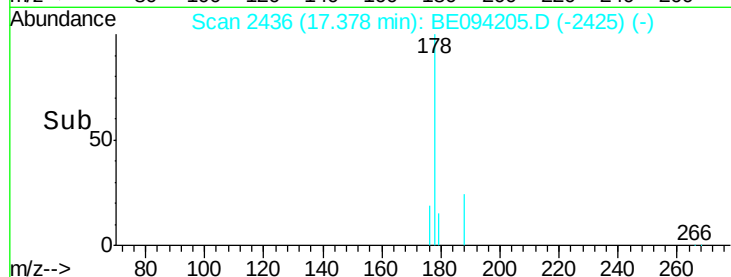
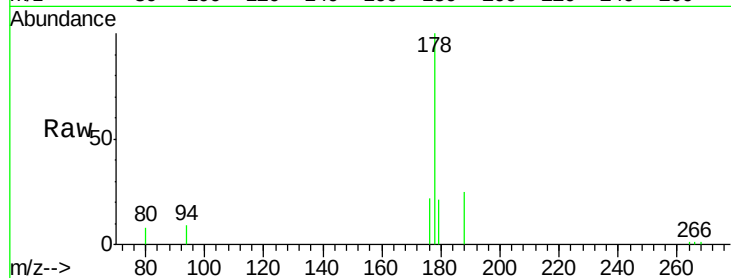
#13
 Anthracene
 Concen: 1.81 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094205.D
 Acq: 7 Oct 2017 16:38

Instrument :
 BNA_E
 ClientSampleId :
 B-40(0-1)-092617

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.0	18.1	27.1
176	21.8	14.7	22.1

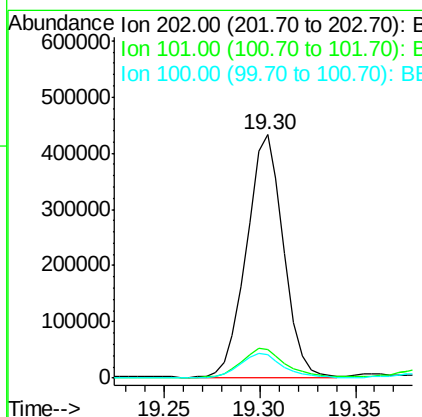
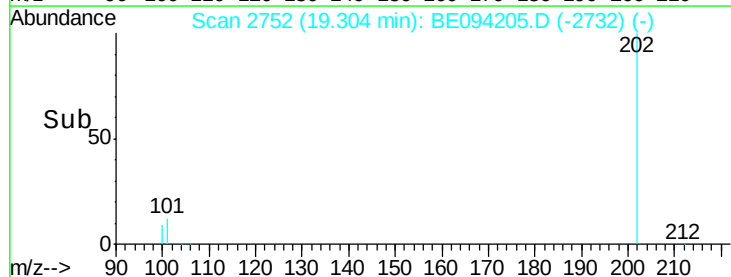
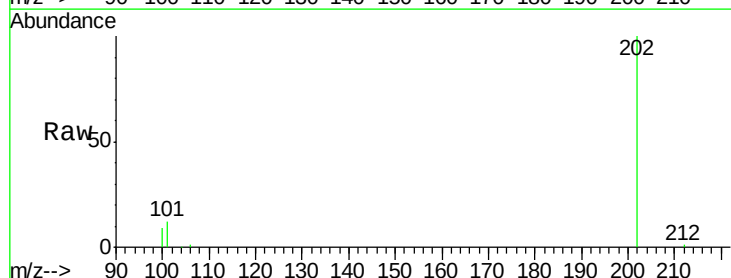
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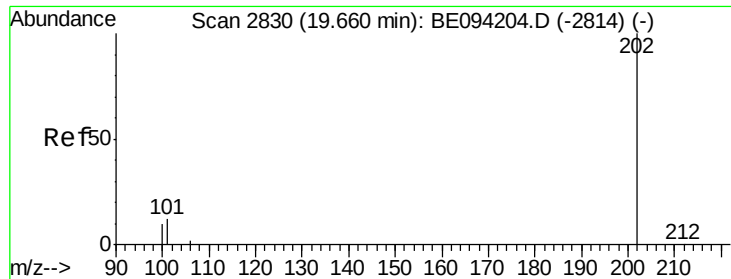
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#15
 Fluoranthene
 Concen: 20.10 ng/ul m
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094205.D
 Acq: 7 Oct 2017 16:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.5	0.0	39.5





#17

Pyrene

Concen: 21.48 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094205.D

Acq: 7 Oct 2017 16:38

Instrument :

BNA_E

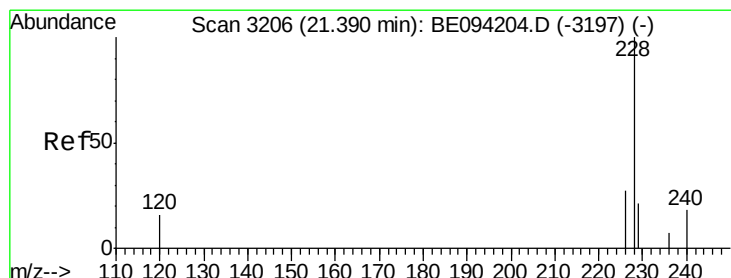
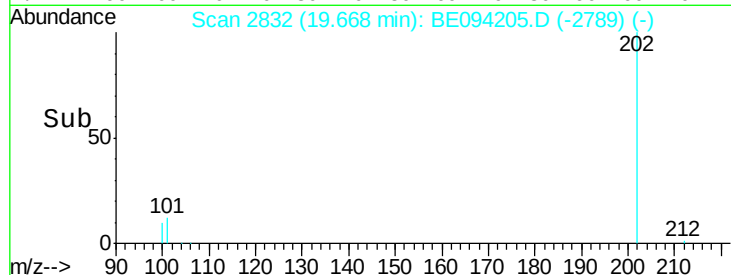
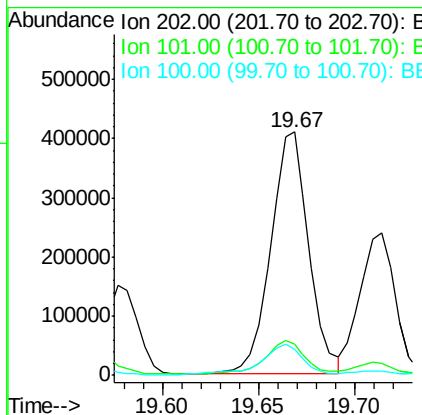
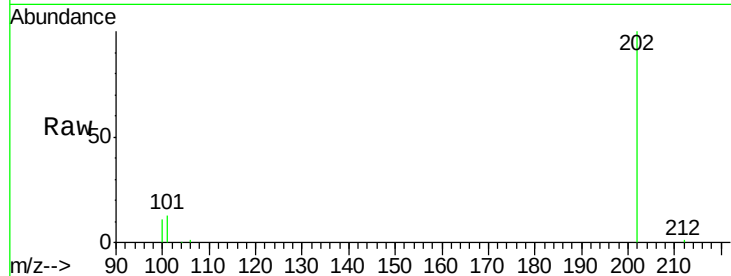
ClientSampled :

B-40(0-1)-092617

Tgt Ion:	202	Resp:	561446
Ion Ratio	Lower	Upper	
202	100		
101	12.6	18.2	27.4#
100	10.7	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 10.53 ng/ul

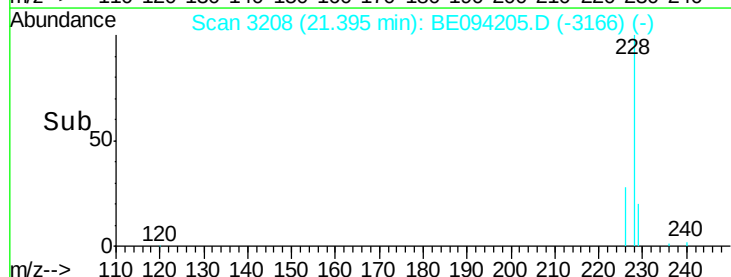
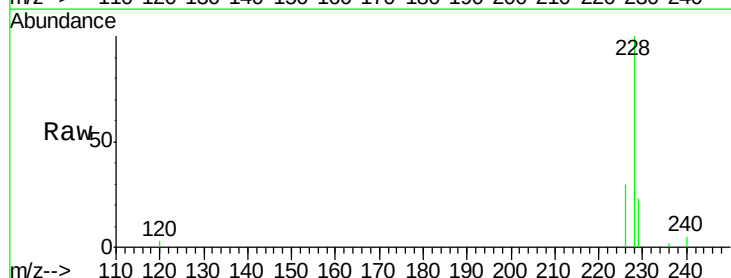
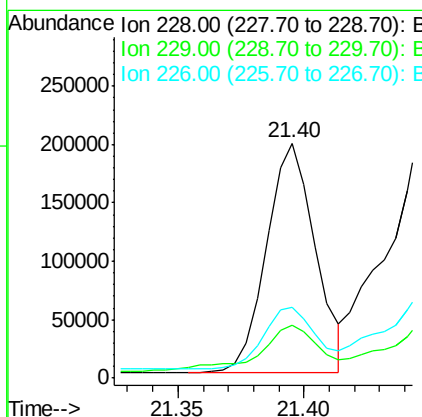
RT: 21.40 min Scan# 3208

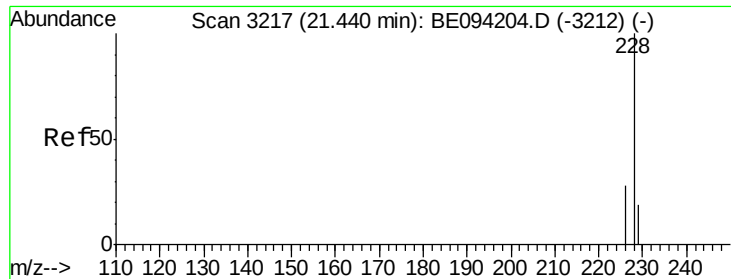
Delta R.T. -0.01 min

Lab File: BE094205.D

Acq: 7 Oct 2017 16:38

Tgt Ion:	228	Resp:	262453
Ion Ratio	Lower	Upper	
228	100		
229	22.7	22.8	34.2#
226	30.3	17.0	25.6#





#19

Chrysene

Concen: 14.17 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE094205.D

Acq: 7 Oct 2017 16:38

Instrument :

BNA_E

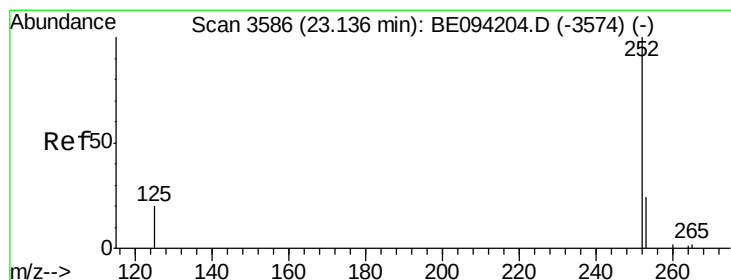
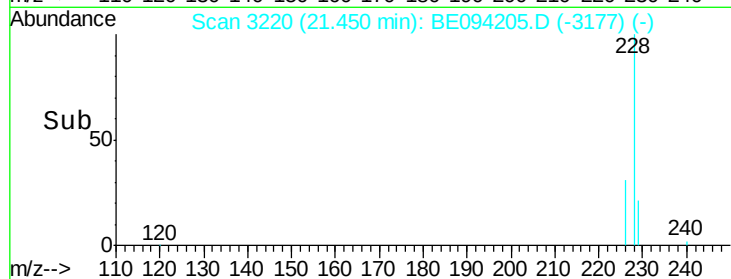
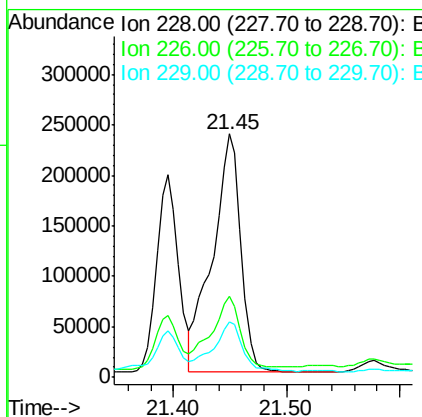
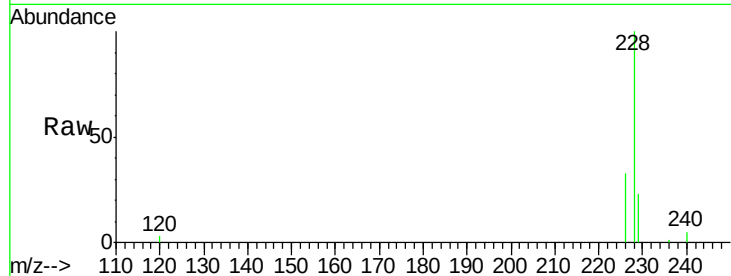
ClientSampleId :

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Tgt Ion:	228	Resp:	407718
Ion Ratio	Lower	Upper	
228	100		
226	33.1	23.4	35.0
229	22.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 24.82 ng/ul m

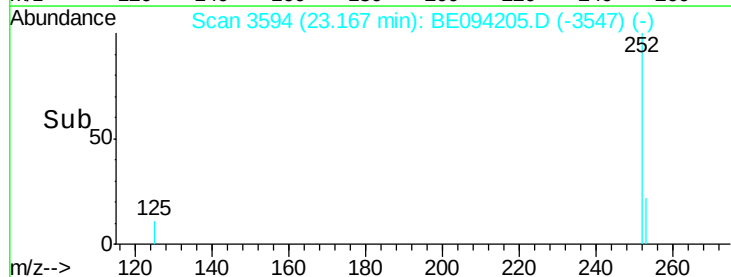
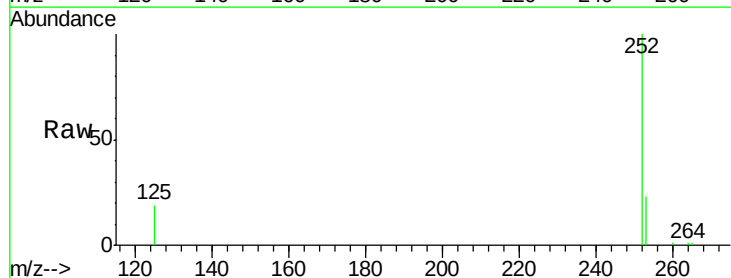
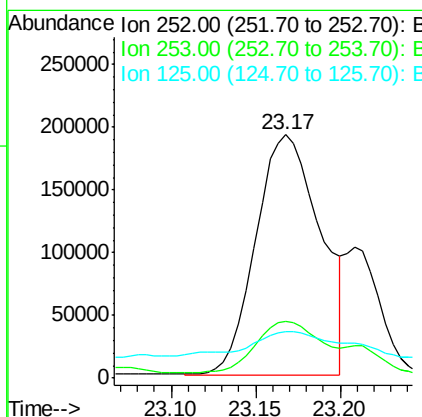
RT: 23.17 min Scan# 3594

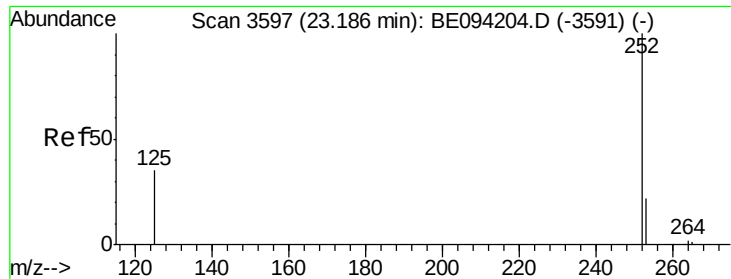
Delta R.T. 0.01 min

Lab File: BE094205.D

Acq: 7 Oct 2017 16:38

Tgt Ion:	252	Resp:	506752
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	19.2	0.0	35.0





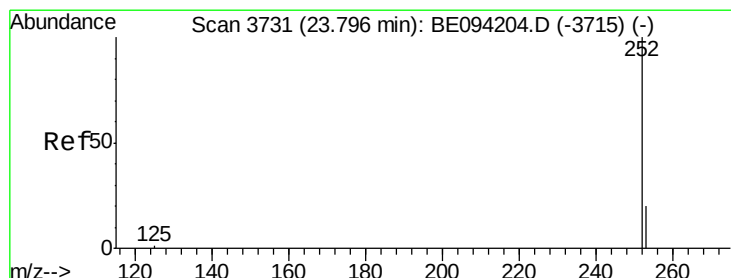
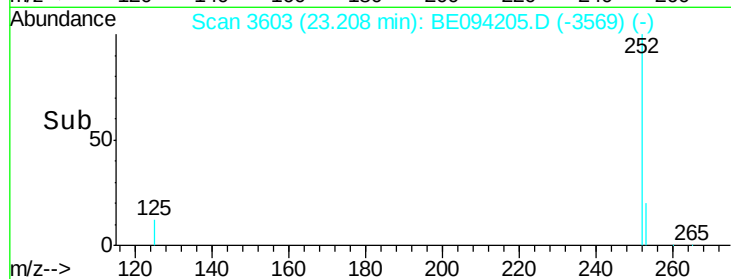
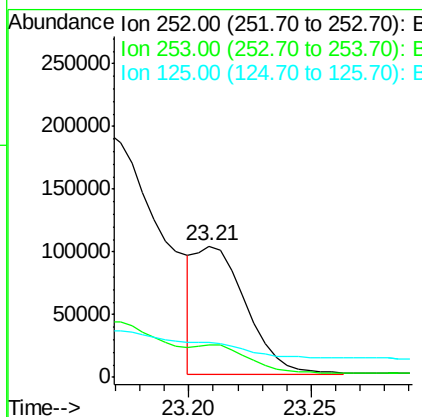
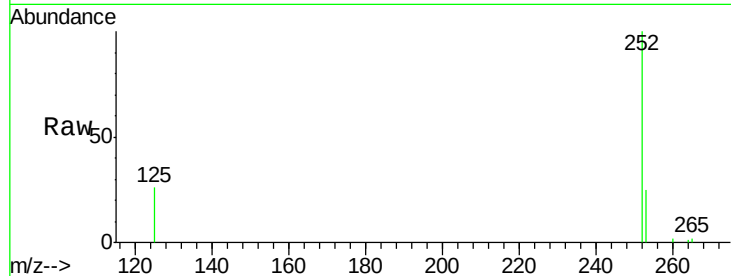
#22
Benzo(k)fluoranthene
Concen: 6.32 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. 0.01 min
Lab File: BE094205.D
Acq: 7 Oct 2017 16:38

Instrument :
BNA_E
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B-40(0-1)-092617

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	24.5	36.7
125	26.5	13.7	20.5#

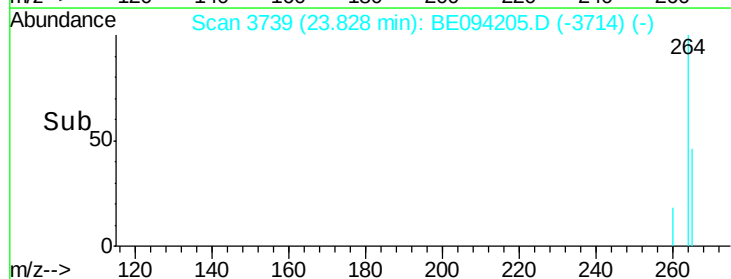
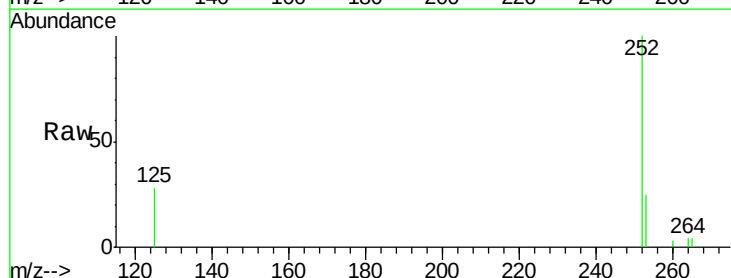
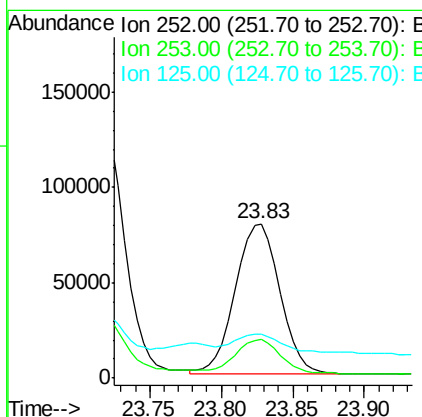
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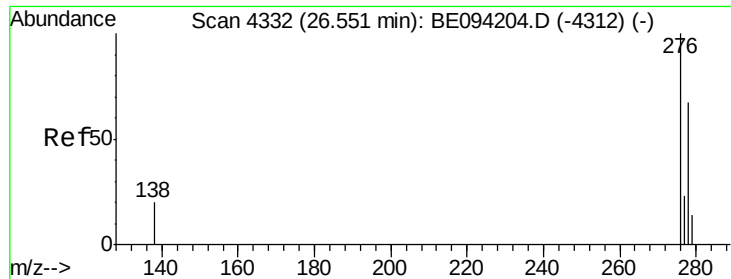
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#23
Benzo(a)pyrene
Concen: 8.10 ng/ul m
RT: 23.83 min Scan# 3739
Delta R.T. 0.01 min
Lab File: BE094205.D
Acq: 7 Oct 2017 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	28.5	42.7#
125	28.3	18.1	27.1#





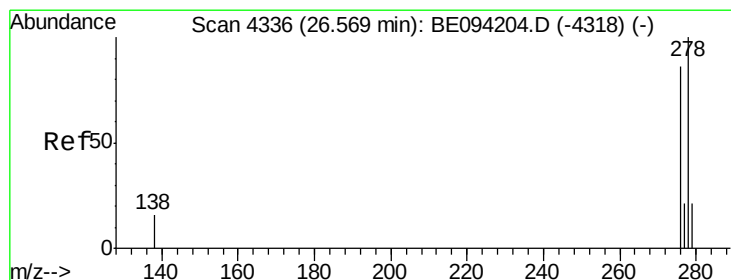
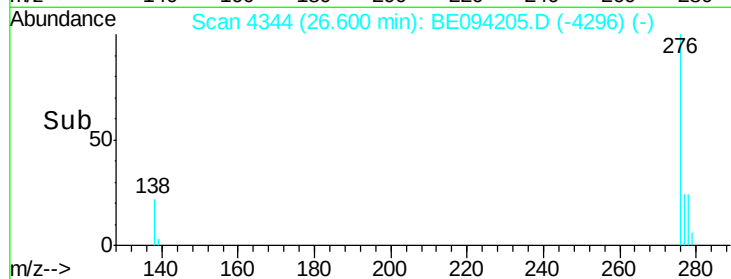
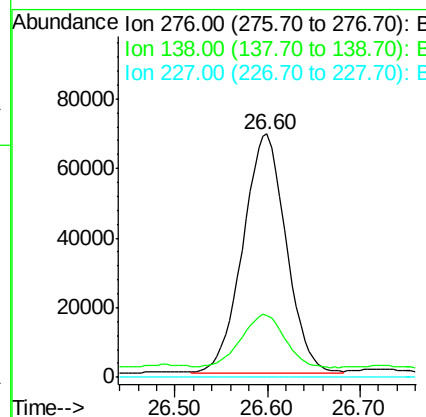
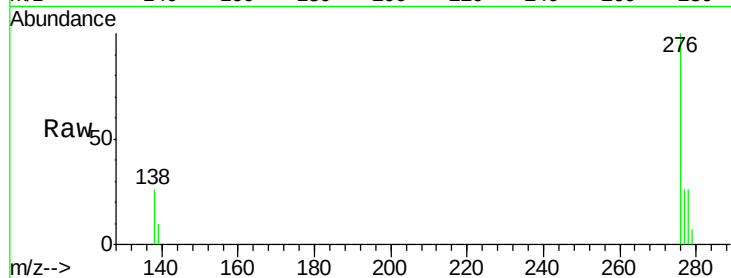
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 10.35 ng/ul m
 RT: 26.60 min Scan# 4344
 Delta R.T. 0.02 min
 Lab File: BE094205.D
 Acq: 7 Oct 2017 16:38

Instrument :
 BNA_E
 ClientSampleId :
 B-40(0-1)-092617

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.3	28.0	42.0#
227	0.0	8.0	12.0#

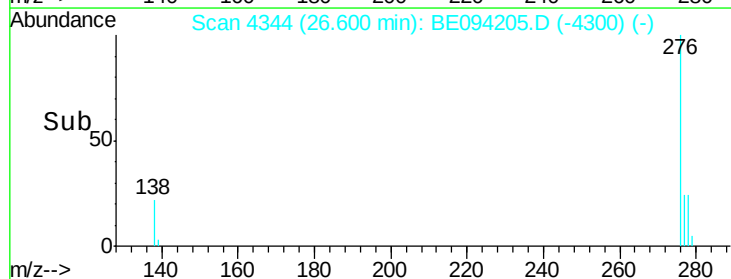
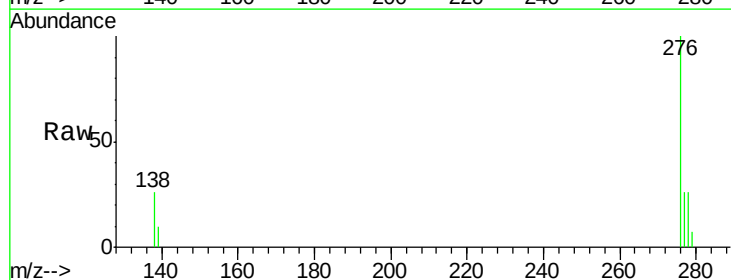
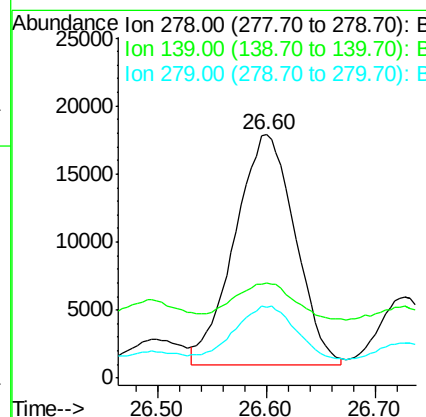
Manual Integrations
 APPROVED

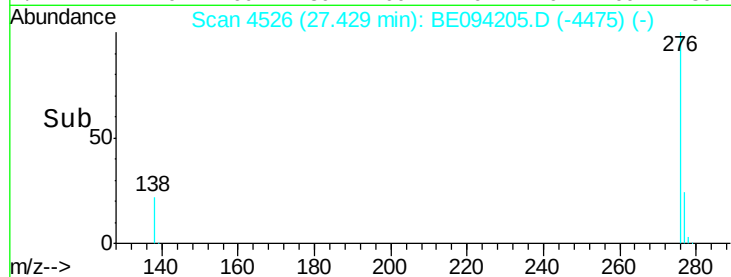
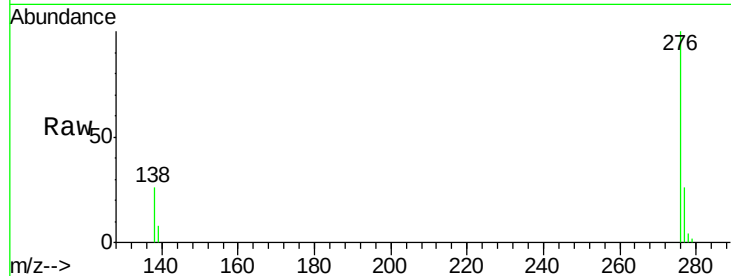
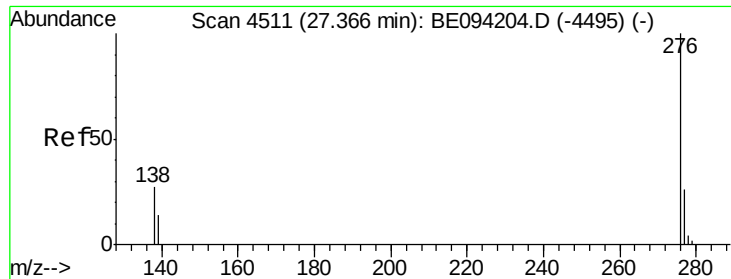
Sohil
 10/9/2017 6:52:56 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.59 ng/ul m
 RT: 26.60 min Scan# 4344
 Delta R.T. -0.00 min
 Lab File: BE094205.D
 Acq: 7 Oct 2017 16:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	39.3	17.4	26.0#
279	29.3	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 11.59 ng/ul m

RT: 27.43 min Scan# 4526

Delta R.T. 0.03 min

Lab File: BE094205.D

Acq: 7 Oct 2017 16:38

Instrument :

BNA_E

ClientSampleId :

B-40(0-1)-092617

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	26.3	21.8	32.8	
277	25.5	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:56 PM

