

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094735.D
 Acq On : 4 Nov 2017 7:33
 Operator : SJ/JU
 Sample : I5955-02 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-10(3-5)-101617

Manual Integrations
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Quant Time: Nov 06 00:08:24 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 06:57:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1165	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	7198	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4208	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9825	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10338	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	12288	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1010	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2511	0.09	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.24	152	489	0.026	ng/ul#	65
8) Acenaphthene	14.57	153	717	0.052	ng/ul	96
9) Fluorene	15.56	166	688	0.045	ng/ul#	89
12) Phenanthrene	17.29	178	8866	0.342	ng/ul#	92
13) Anthracene	17.38	178	2010	0.078	ng/ul	96
15) Fluoranthene	19.31	202	14402	0.480	ng/ul	84
17) Pyrene	19.67	202	12982	0.406	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	6855	0.232	ng/ul#	88
19) Chrysene	21.46	228	6329m	0.207	ng/ul	
21) Benzo(b)fluoranthene	23.18	252	7235m	0.209	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	2450m	0.066	ng/ul	
23) Benzo(a)pyrene	23.85	252	4892	0.142	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.67	276	2630	0.074	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	675	0.022	ng/ul#	6
26) Benzo(g,h,i)perylene	27.52	276	2179	0.076	ng/ul#	65

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

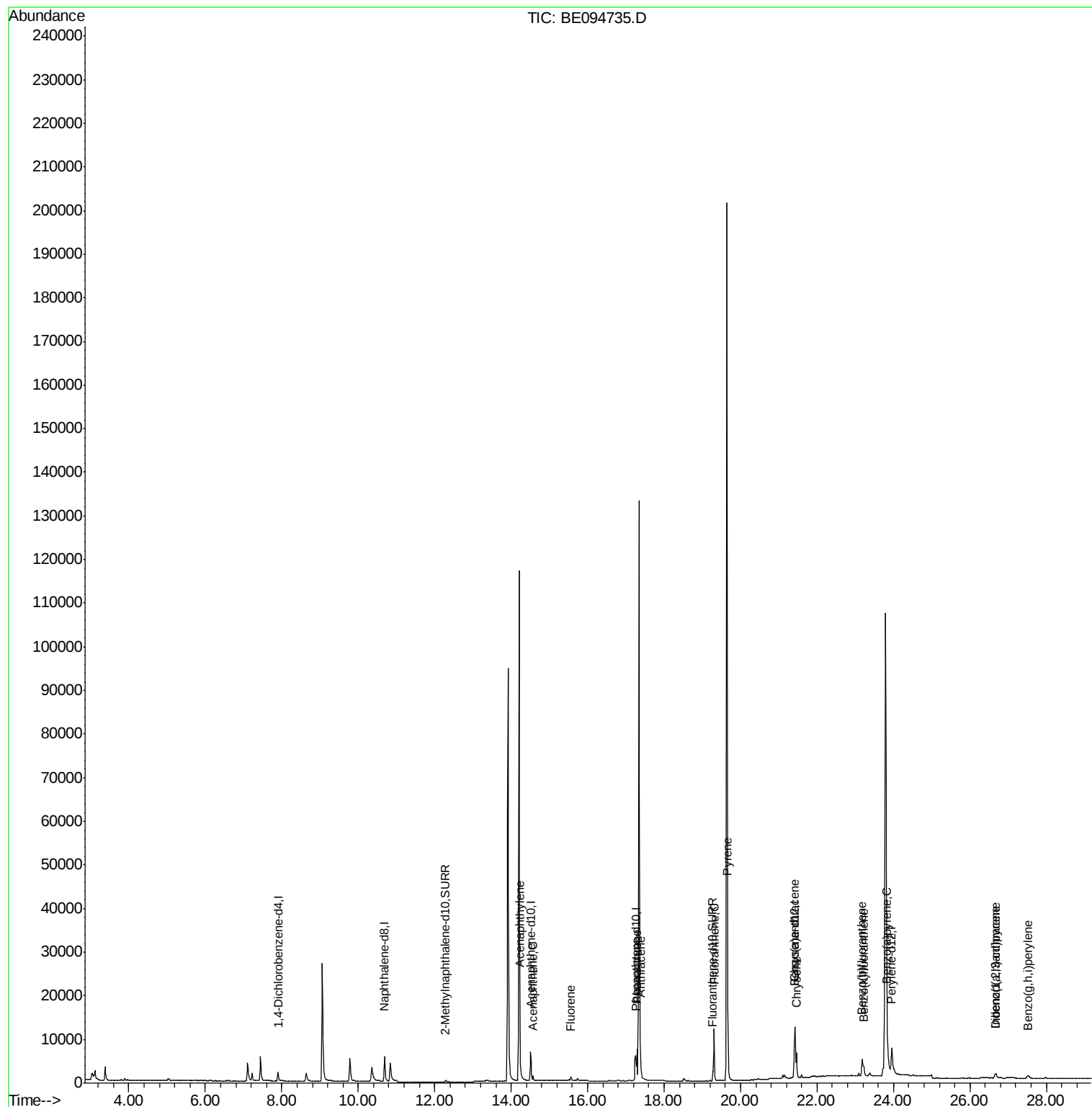
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 34 Sample Multiplier: 1

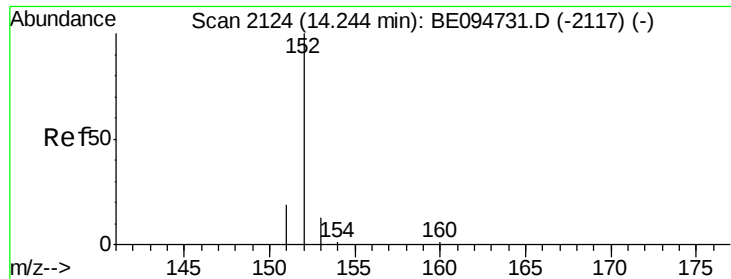
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Sat Nov 04 06:57:51 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Instrument :

BNA_E

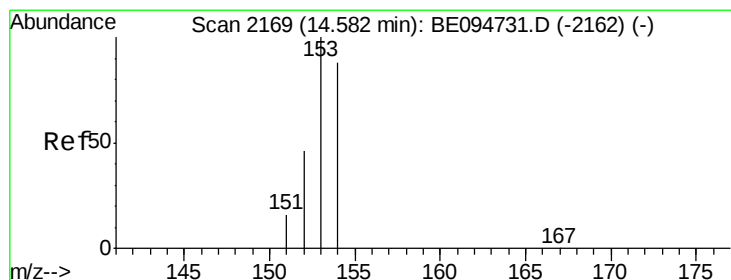
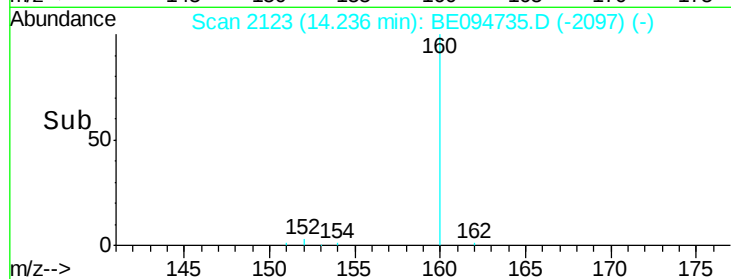
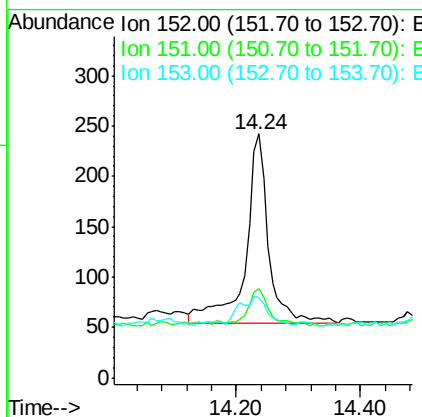
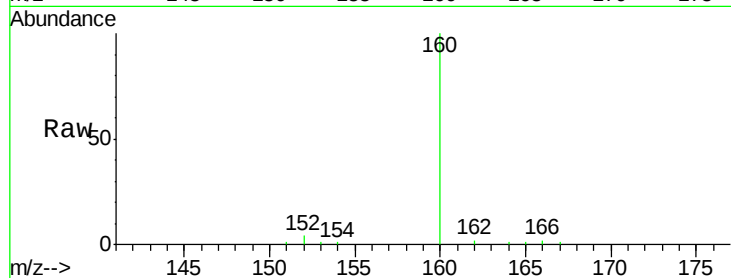
ClientSampleId :

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Tgt Ion:	152	Resp:	489
Ion Ratio	Lower	Upper	
152	100		
151	36.8	17.1	25.7#
153	32.6	12.8	19.2#

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#8

Acenaphthene

Concen: 0.052 ng/ul

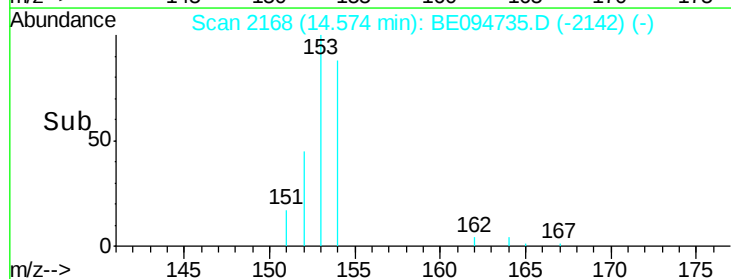
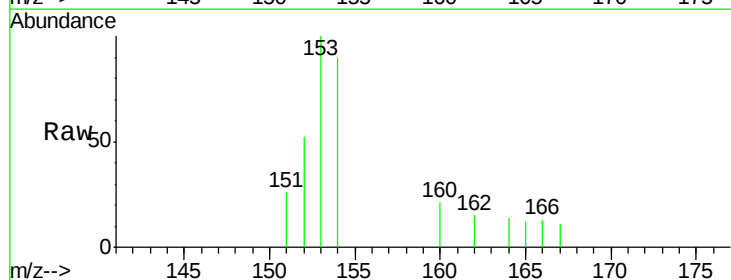
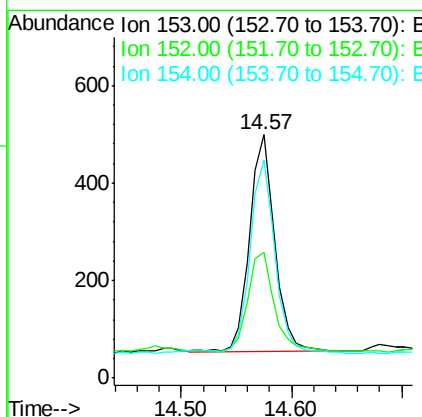
RT: 14.57 min Scan# 2168

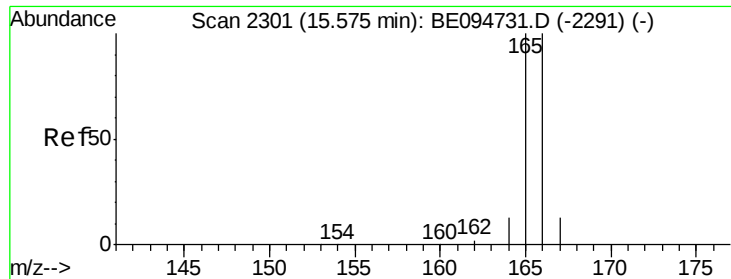
Delta R.T. -0.01 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Tgt Ion:	153	Resp:	717
Ion Ratio	Lower	Upper	
153	100		
152	51.9	36.0	54.0
154	89.8	72.0	108.0





#9

Fluorene

Concen: 0.045 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Instrument :

BNA_E

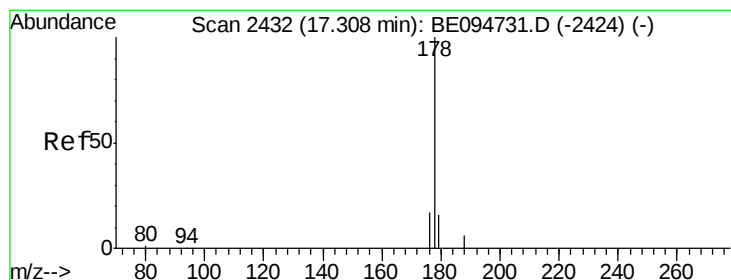
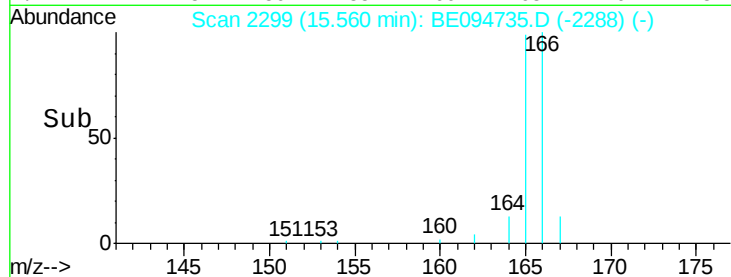
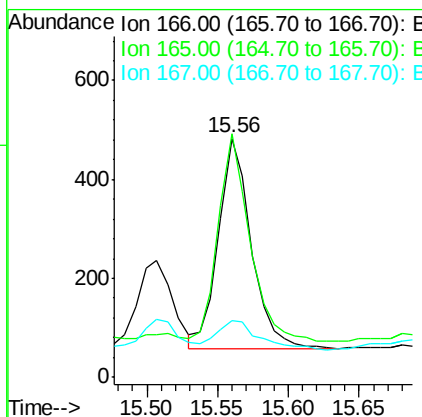
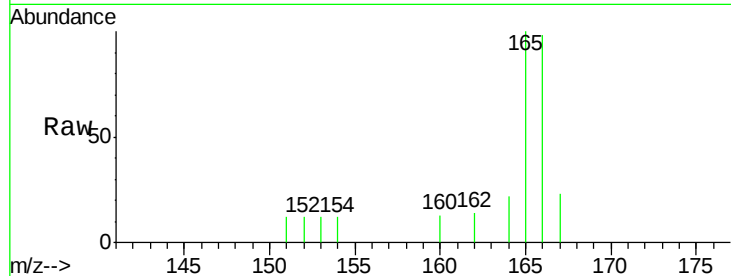
ClientSampleId :

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Tgt Ion:	166	Resp:	688
Ion Ratio	Lower	Upper	
166	100		
165	101.9	73.4	110.2
167	23.8	14.6	22.0

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#12

Phenanthrene

Concen: 0.342 ng/ul

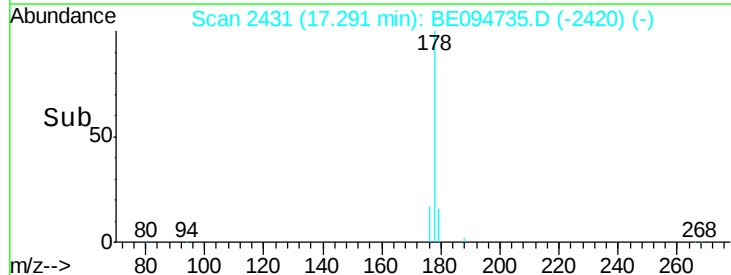
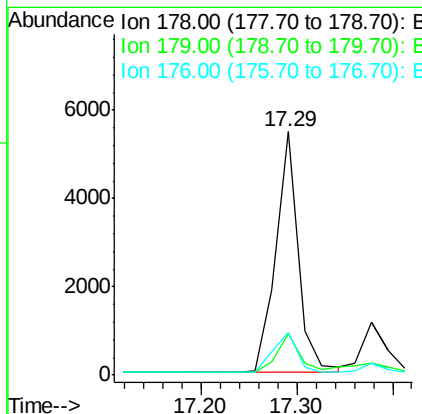
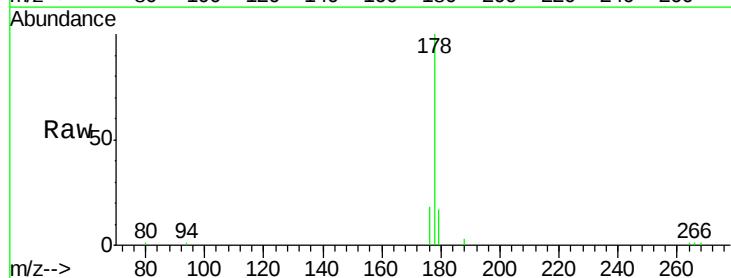
RT: 17.29 min Scan# 2431

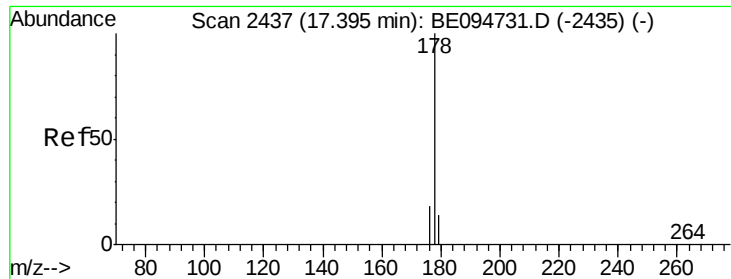
Delta R.T. -0.02 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Tgt Ion:	178	Resp:	8866
Ion Ratio	Lower	Upper	
178	100		
179	16.8	18.4	27.6
176	17.7	13.6	20.4





#13

Anthracene

Concen: 0.078 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Instrument :

BNA_E

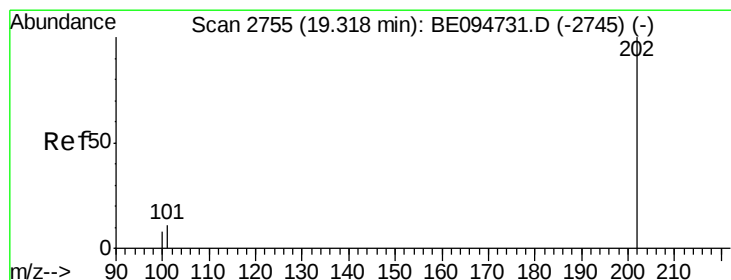
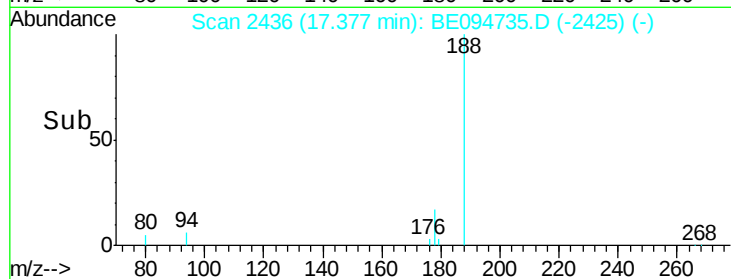
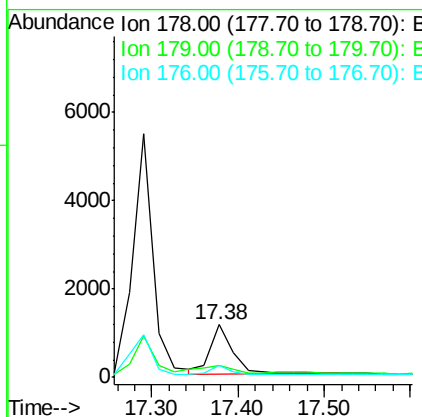
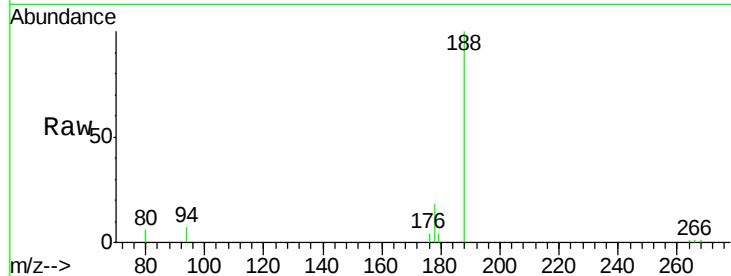
ClientSampleId :

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Tgt Ion:	178	Resp:	2010
Ion Ratio	Lower	Upper	
178	100		
179	22.7	18.1	27.1
176	21.9	14.7	22.1

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#15

Fluoranthene

Concen: 0.480 ng/ul

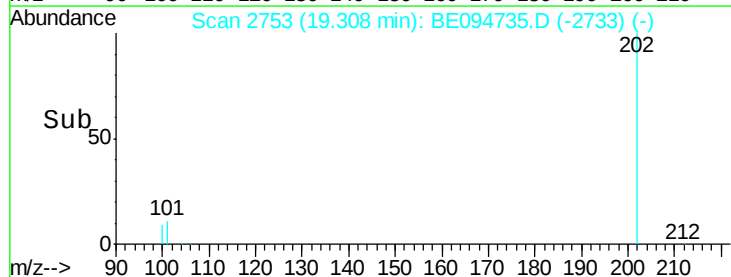
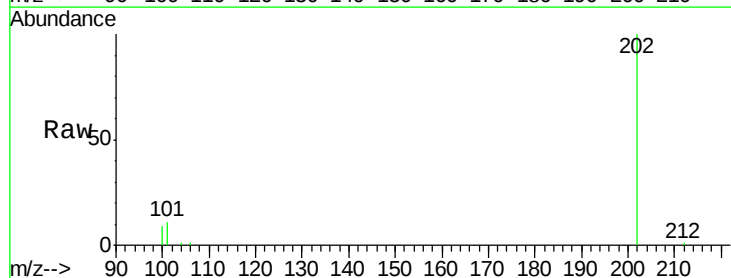
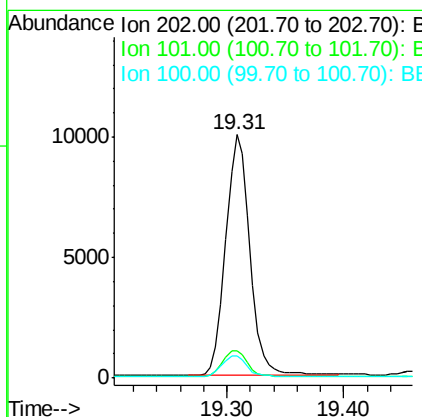
RT: 19.31 min Scan# 2753

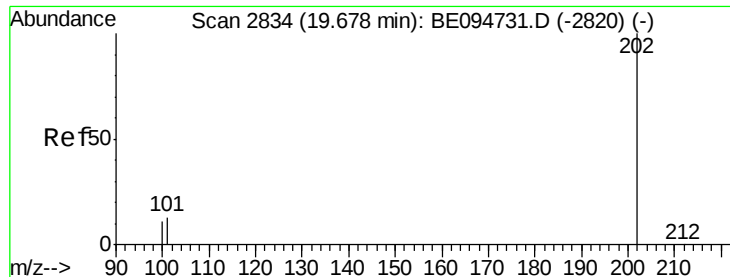
Delta R.T. -0.01 min

Lab File: BE094735.D

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Tgt Ion:	202	Resp:	14402
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	30.3
100	9.3	0.0	39.5





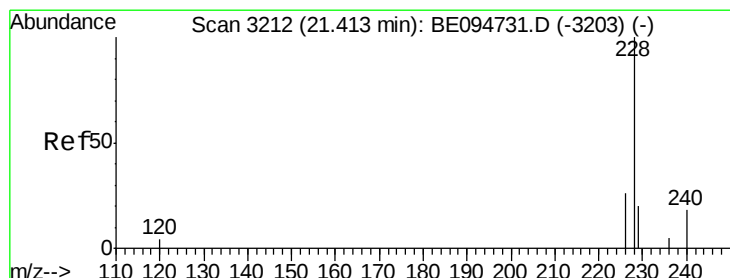
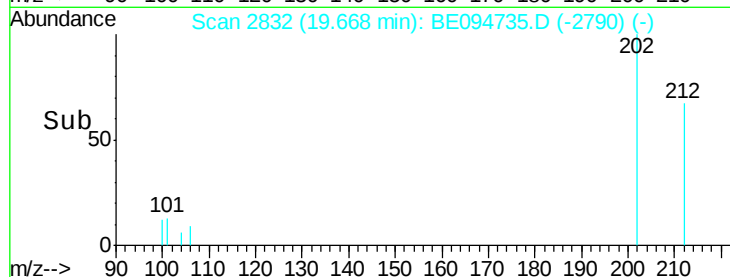
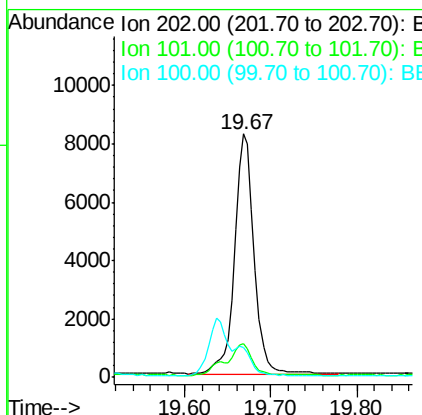
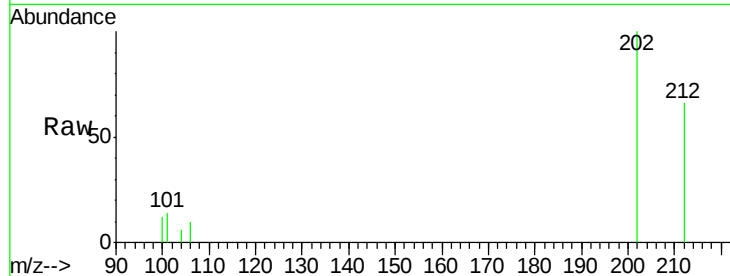
#17
Pyrene
 Concen: 0.406 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094735.D
 Acq: 4 Nov 2017 7:33

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	18.2	27.4#
100	12.3	15.6	23.4#

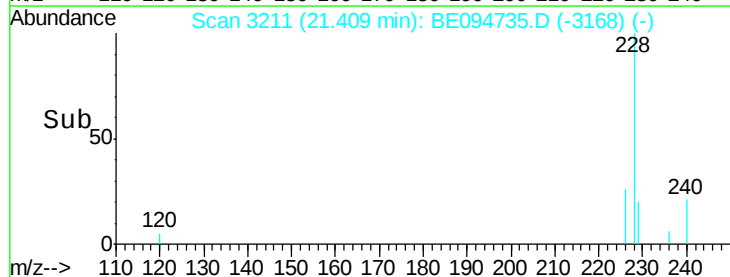
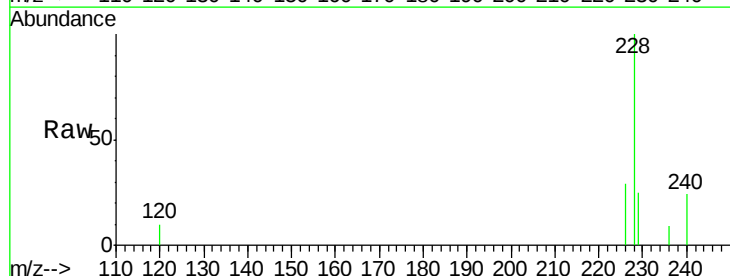
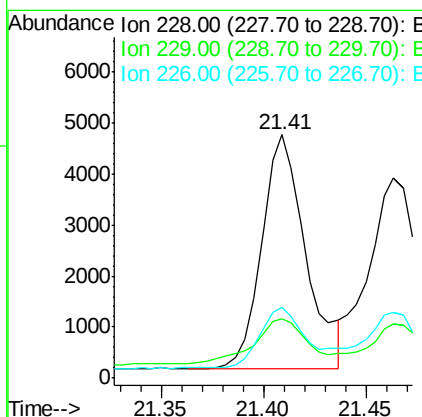
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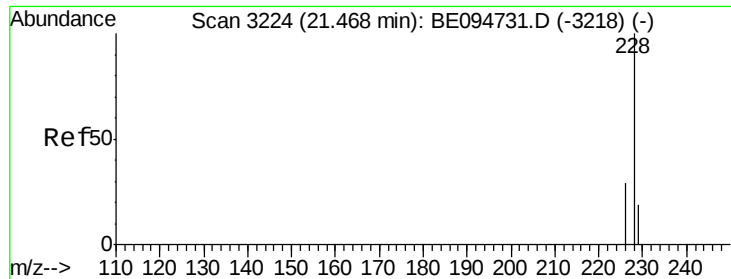
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#18
Benzo(a)anthracene
 Concen: 0.232 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: BE094735.D
 Acq: 4 Nov 2017 7:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.6	22.8	34.2
226	29.3	17.0	25.6#





#19

Chrysene

Concen: 0.207 ng/ul m

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Instrument :

BNA_E

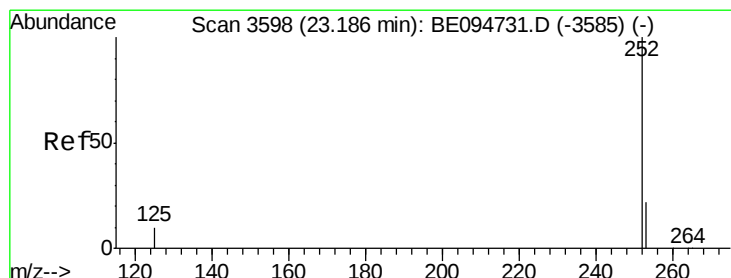
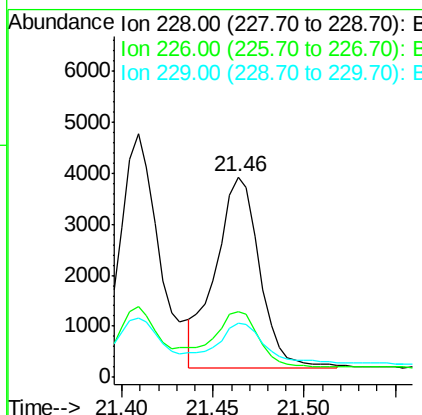
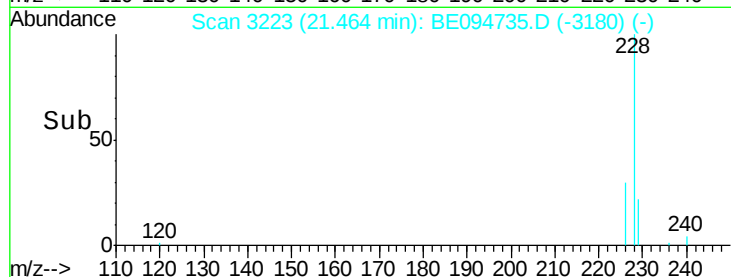
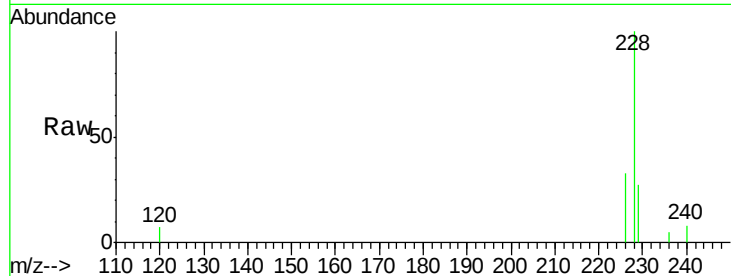
ClientSampleId :

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Tgt Ion:	228	Resp:	6329
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.4	35.0
229	27.2	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.209 ng/ul m

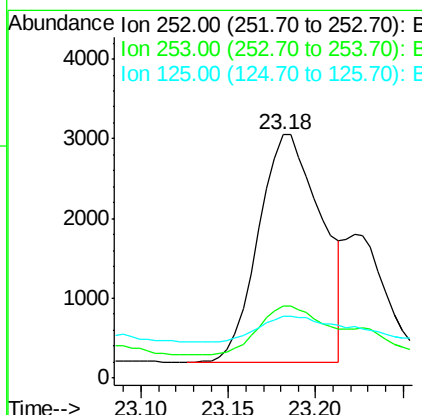
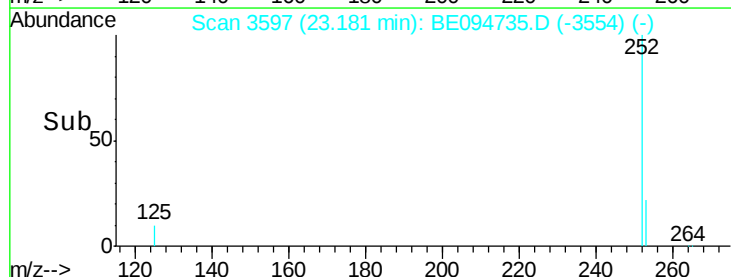
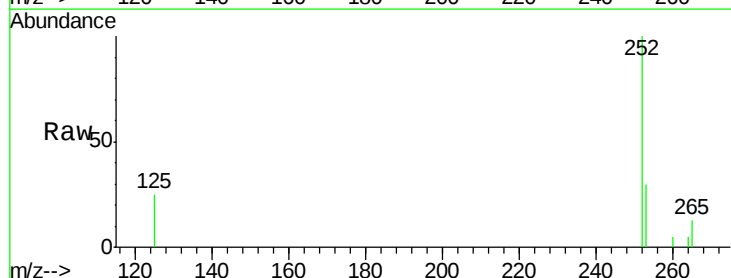
RT: 23.18 min Scan# 3597

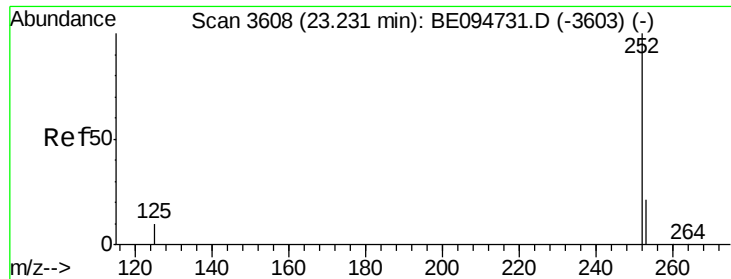
Delta R.T. -0.00 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Tgt Ion:	252	Resp:	7235
Ion Ratio	Lower	Upper	
252	100		
253	29.7	0.0	64.2
125	25.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.066 ng/ul m

RT: 23.22 min Scan# 3606

Delta R.T. -0.01 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Instrument :

BNA_E

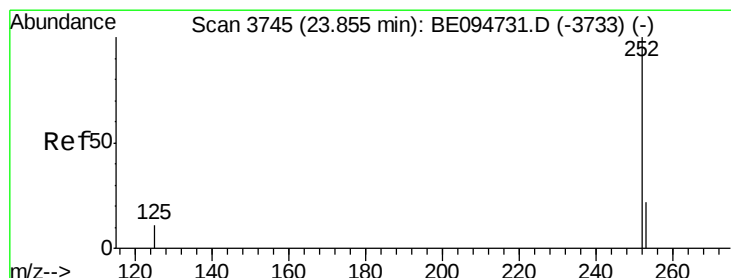
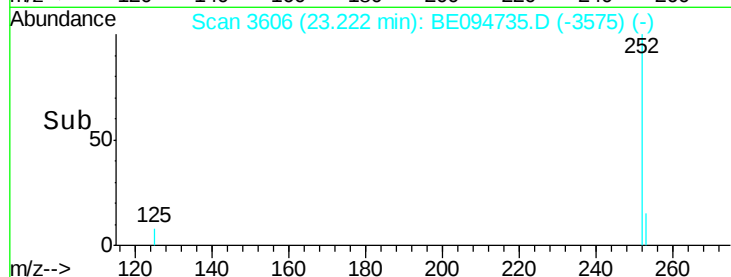
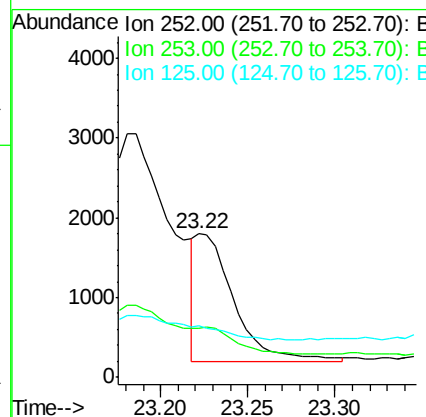
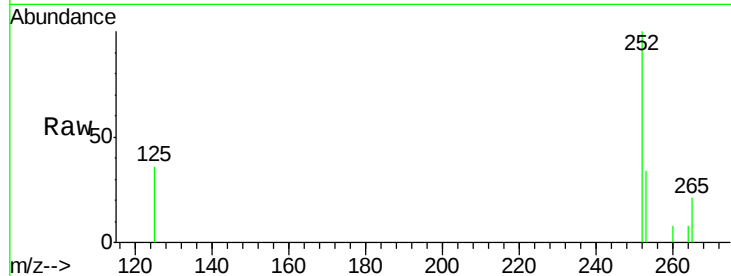
ClientSampleId :

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Tgt Ion:	252	Resp:	2450
Ion Ratio	Lower	Upper	
252	100		
253	34.3	24.5	36.7
125	35.6	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.142 ng/ul

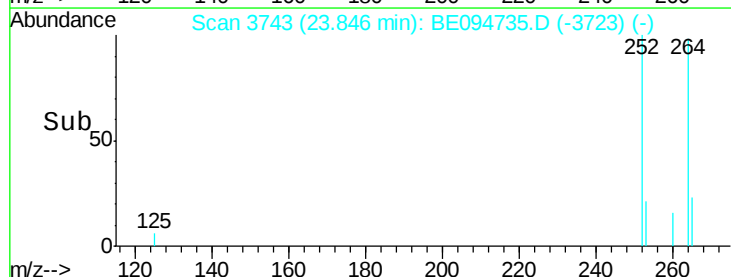
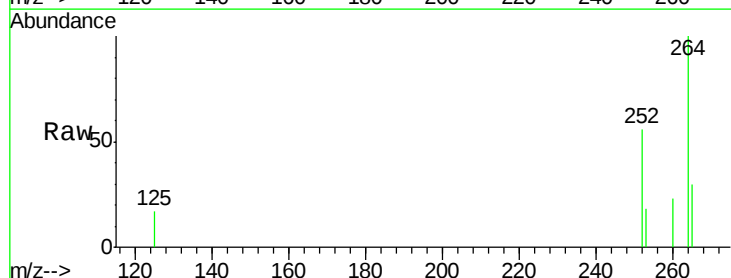
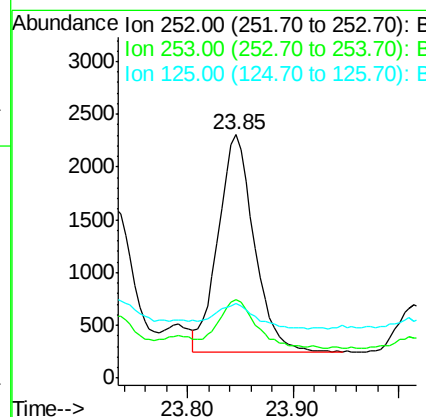
RT: 23.85 min Scan# 3743

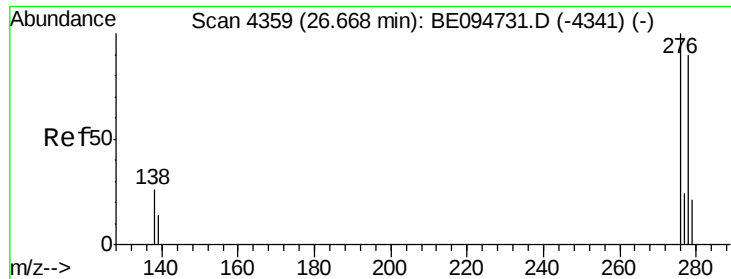
Delta R.T. -0.01 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Tgt Ion:	252	Resp:	4892
Ion Ratio	Lower	Upper	
252	100		
253	32.2	28.5	42.7
125	30.7	18.1	27.1#





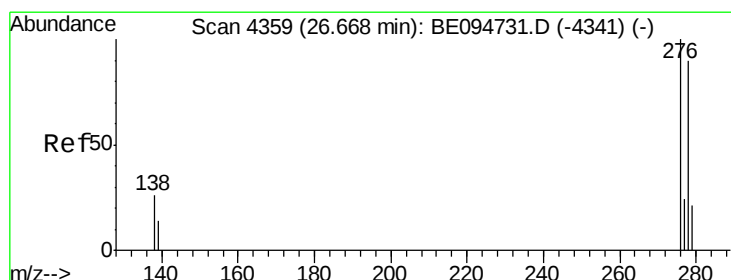
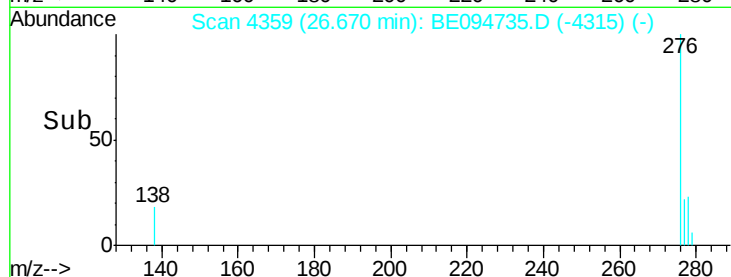
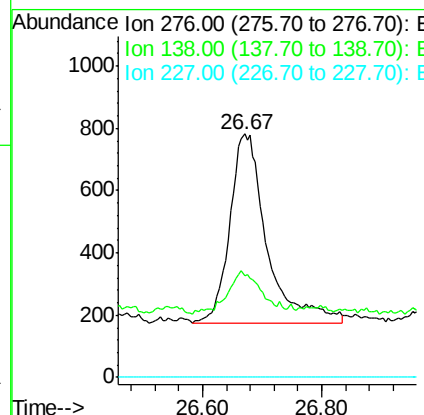
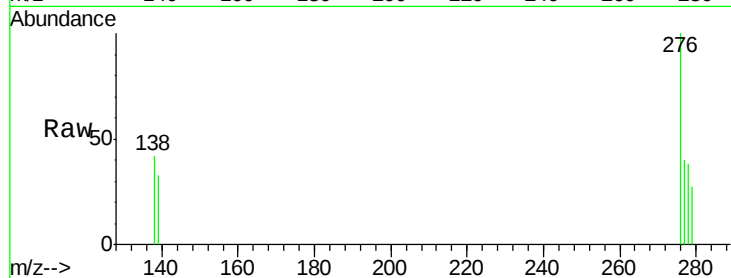
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.074 ng/u1
 RT: 26.67 min Scan# 4359
 Delta R.T. 0.00 min
 Lab File: BE094735.D
 Acq: 4 Nov 2017 7:33

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Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	28.0	42.0#
227	0.0	8.0	12.0#

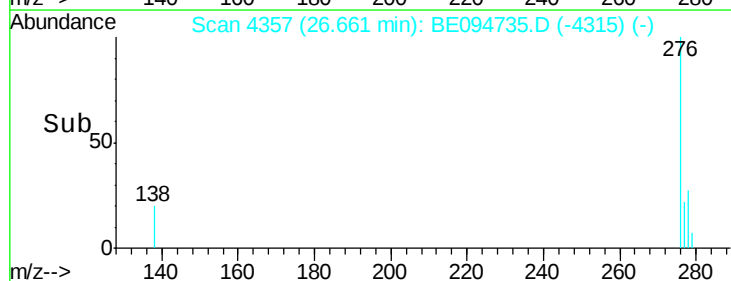
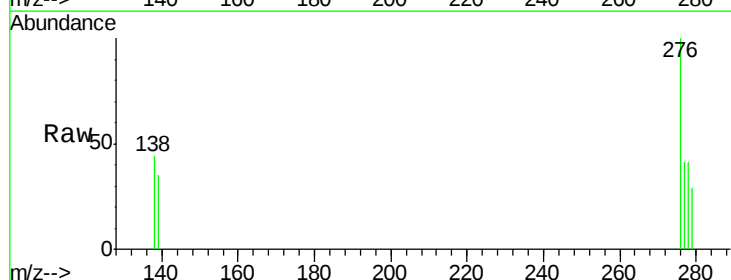
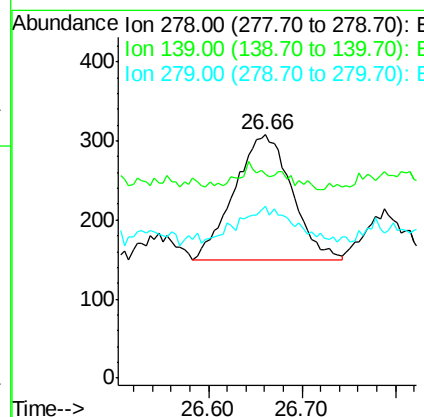
Manual Integrations
 APPROVED

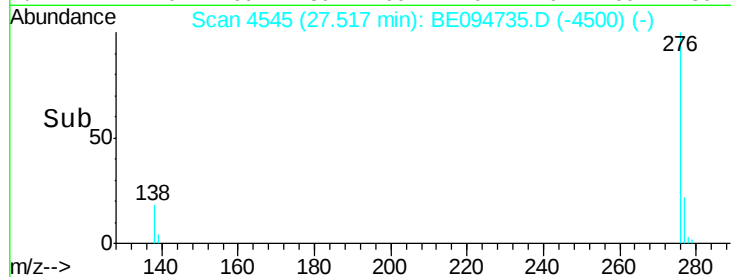
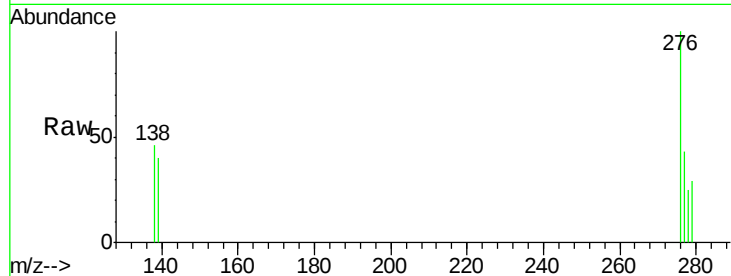
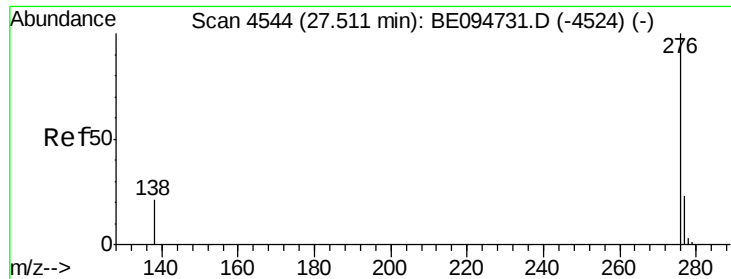
Sohil
 11/6/2017 5:58:40 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/u1
 RT: 26.66 min Scan# 4357
 Delta R.T. -0.01 min
 Lab File: BE094735.D
 Acq: 4 Nov 2017 7:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	83.8	17.4	26.0#
279	70.8	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.076 ng/ul

RT: 27.52 min Scan# 4545

Delta R.T. 0.01 min

Lab File: BE094735.D

Acq: 4 Nov 2017 7:33

Instrument :

BNA_E

ClientSampleId :

B-10(3-5)-101617

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	45.8	21.8	32.8#	
277	42.7	20.5	30.7#	

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