

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094738.D
 Acq On : 4 Nov 2017 9:18
 Operator : SJ/JU
 Sample : I5955-05 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-15(0.25-1.25)-101717

Manual Integrations
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 11/6/2017 5:58:47 PM

Quant Time: Nov 06 00:22:32 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	1927	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	11339	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	6323	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13484	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	13356	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	14543	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	729	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1663	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	5378	0.194	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	2880	0.148	ng/ul	96
7) Acenaphthylene	14.23	152	3480	0.122	ng/ul	97
12) Phenanthrene	17.29	178	8060	0.226	ng/ul	93
13) Anthracene	17.38	178	2272m	0.065	ng/ul	
15) Fluoranthene	19.31	202	9182	0.223	ng/ul	83
17) Pyrene	19.67	202	8821	0.214	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	5579	0.146	ng/ul#	56
19) Chrysene	21.46	228	6968	0.177	ng/ul#	67
21) Benzo(b)fluoranthene	23.18	252	22150m	0.541	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	5650m	0.129	ng/ul	
23) Benzo(a)pyrene	23.85	252	5942	0.145	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	26.66	276	13288	0.314	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.65	278	3762	0.106	ng/ul#	24
26) Benzo(g,h,i)perylene	27.52	276	12159	0.358	ng/ul#	78

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

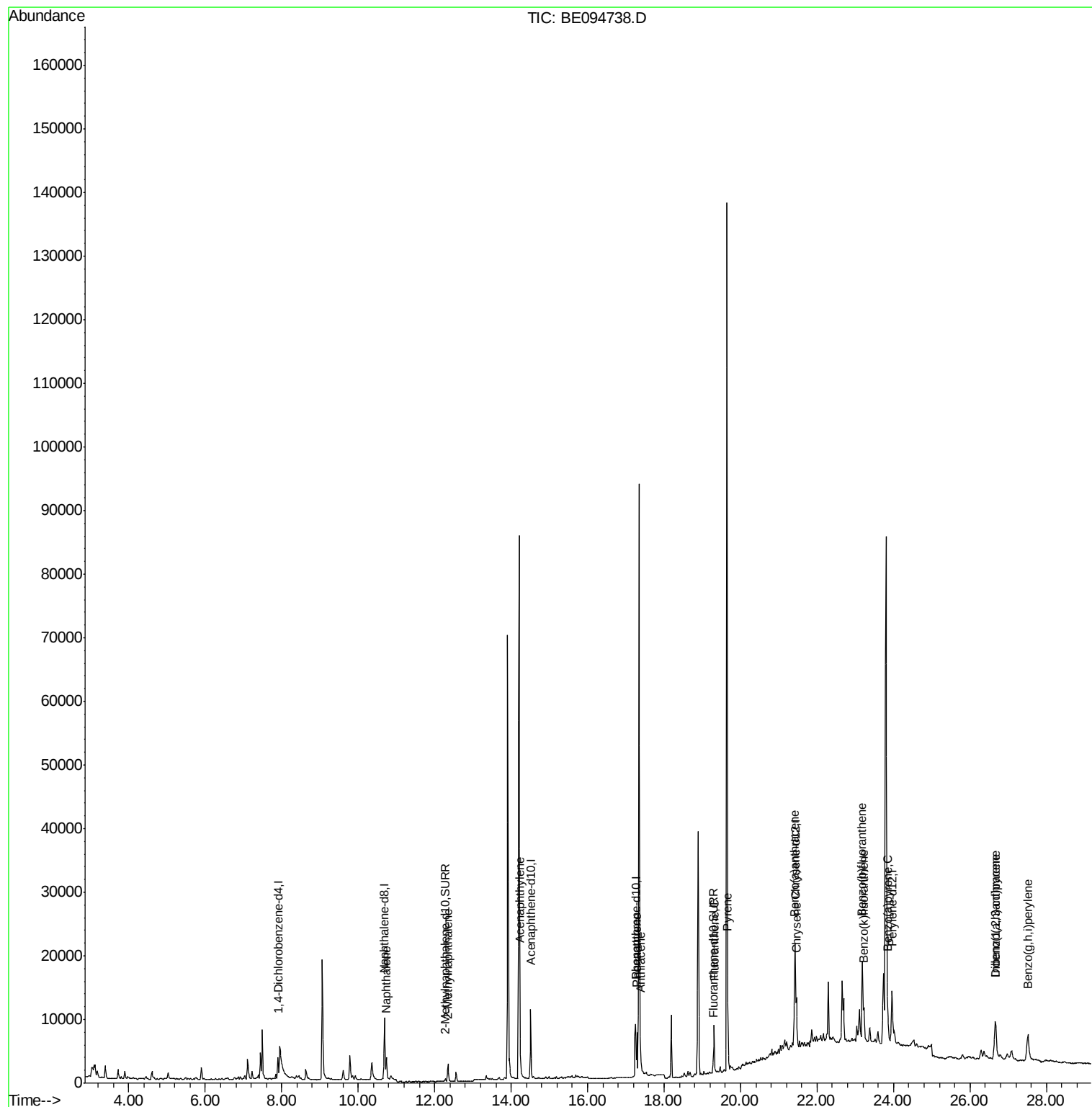
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 37 Sample Multiplier: 1

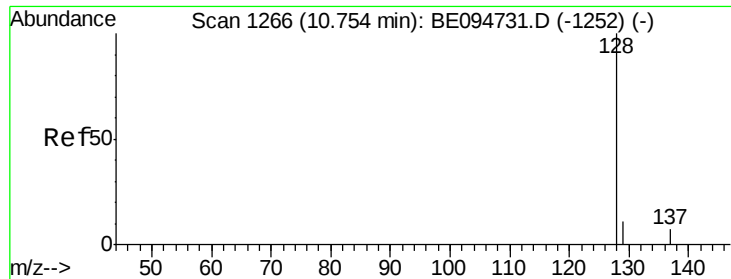
Instrument :
BNA_E
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B-15(0.25-1.25)-101717

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Quant Time: Nov 06 00:22:32 2017
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





#3

Naphthalene

Concen: 0.194 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094738.D

Acq: 4 Nov 2017 9:18

Instrument :

BNA_E

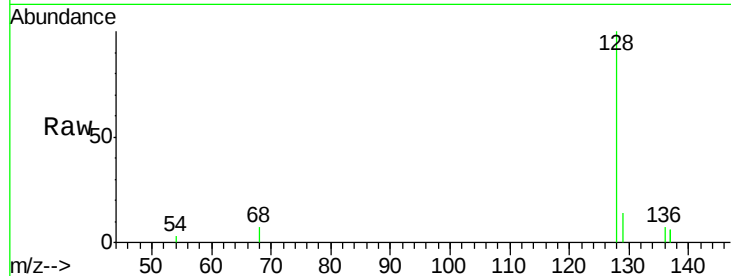
ClientSampleId :

B-15(0.25-1.25)-101717

Tgt Ion:	128	Resp:	5378
Ion Ratio	Lower	Upper	
128	100		
129	13.7	11.3	16.9
127	0.0	4.0	6.0#

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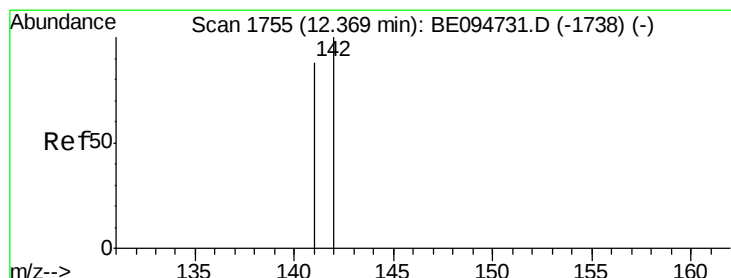
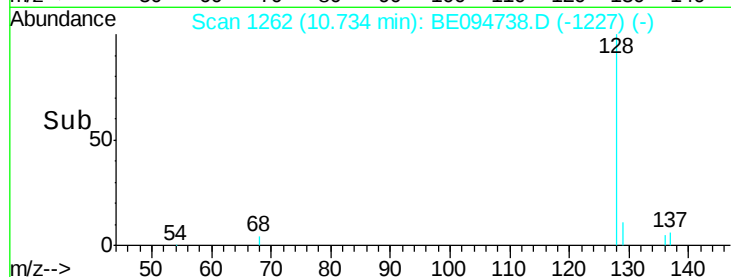
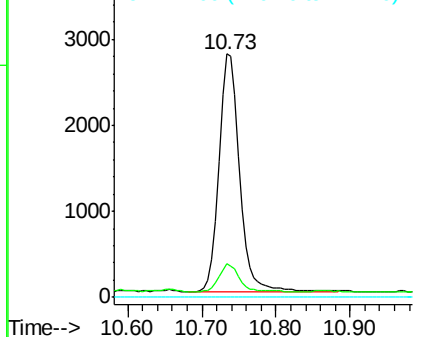
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.148 ng/ul

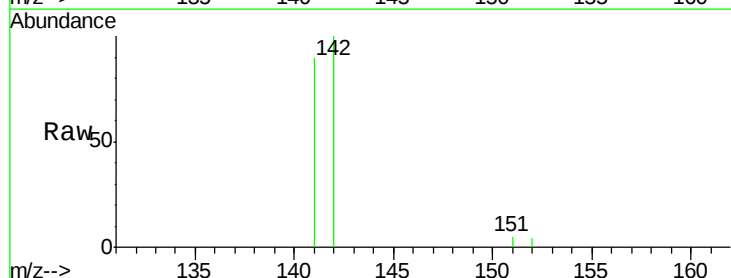
RT: 12.35 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BE094738.D

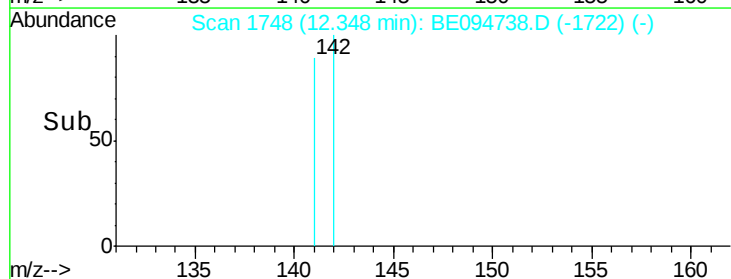
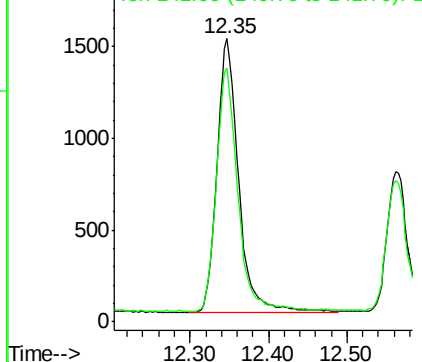
Acq: 4 Nov 2017 9:18

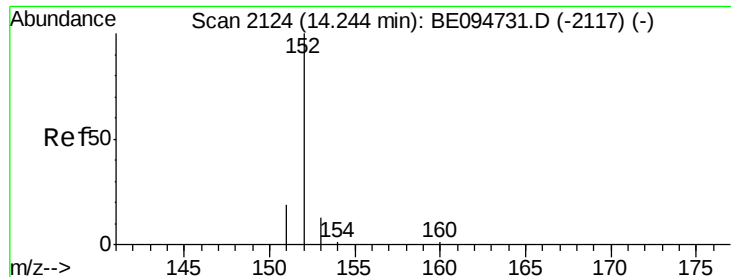
Tgt Ion:	142	Resp:	2880
Ion Ratio	Lower	Upper	
142	100		
141	87.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.122 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE094738.D

Acq: 4 Nov 2017 9:18

Instrument :

BNA_E

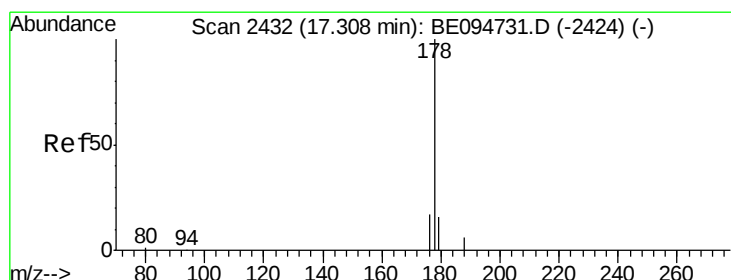
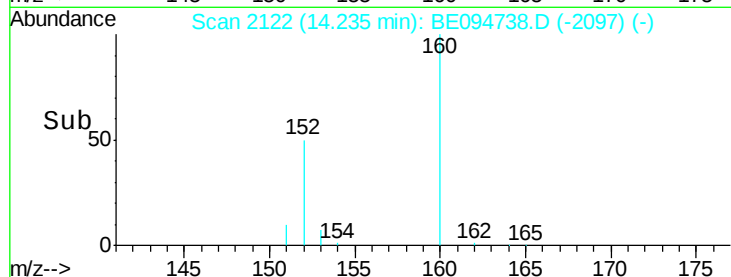
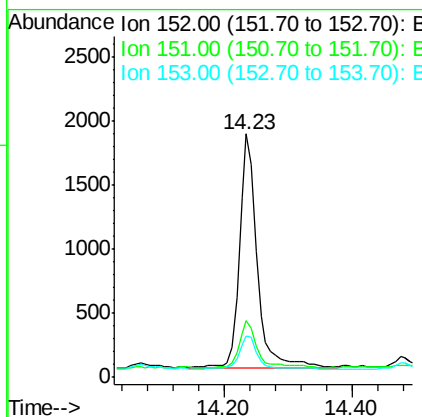
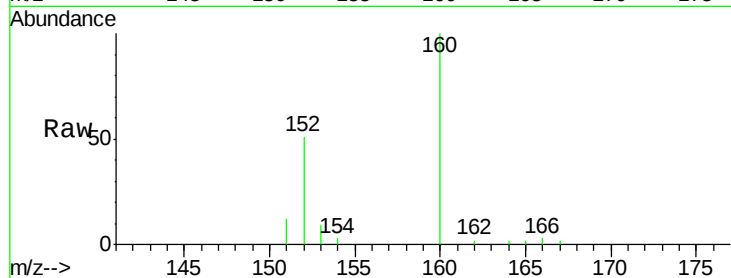
ClientSampleId :

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Tgt Ion:	152	Resp:	3480
Ion Ratio	Lower	Upper	
152	100		
151	23.2	17.1	25.7
153	16.8	12.8	19.2

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#12

Phenanthrene

Concen: 0.226 ng/ul

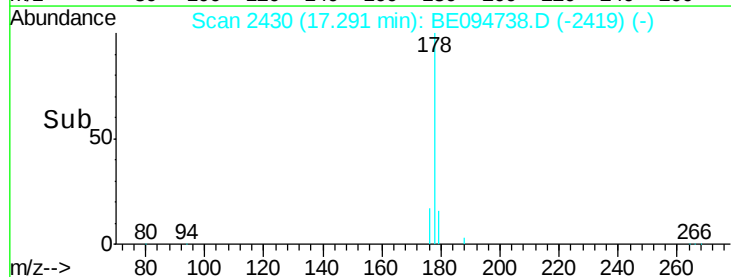
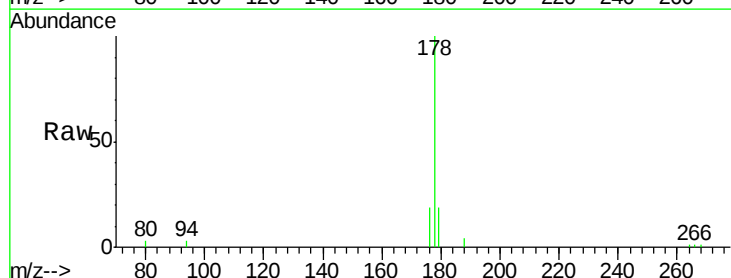
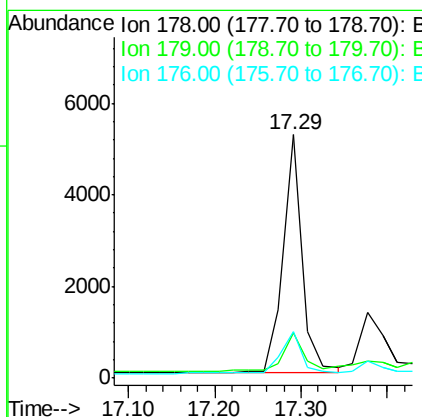
RT: 17.29 min Scan# 2430

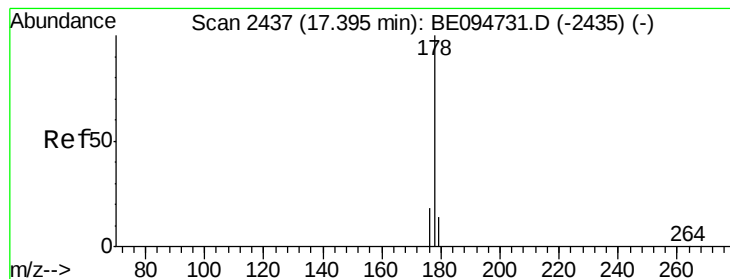
Delta R.T. -0.02 min

Lab File: BE094738.D

Acq: 4 Nov 2017 9:18

Tgt Ion:	178	Resp:	8060
Ion Ratio	Lower	Upper	
178	100		
179	18.6	18.4	27.6
176	18.9	13.6	20.4





#13

Anthracene

Concen: 0.065 ng/ul m

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094738.D

Acq: 4 Nov 2017 9:18

Instrument :

BNA_E

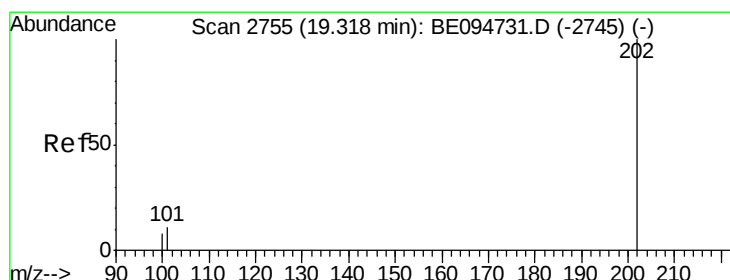
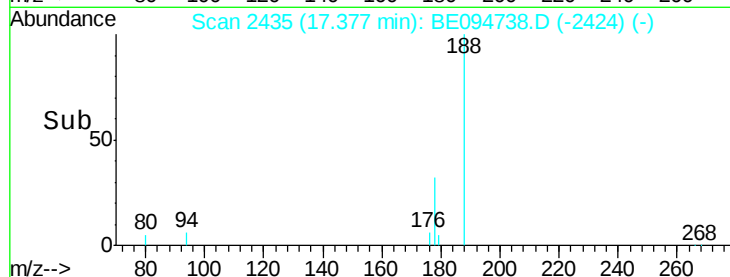
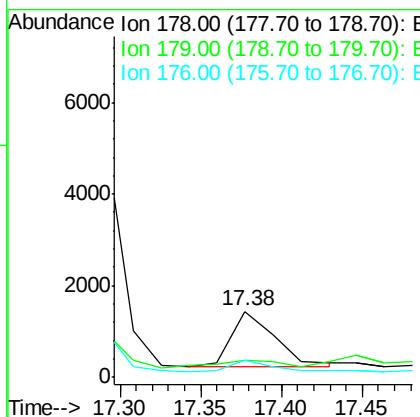
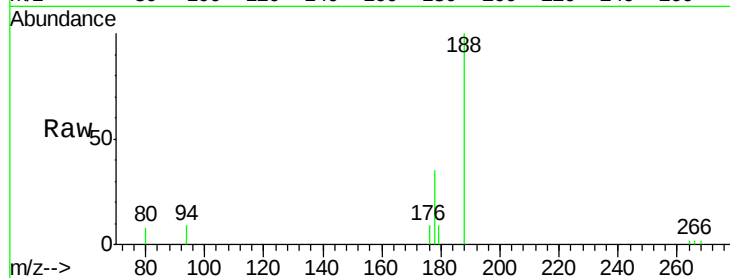
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	25.4	18.1	27.1
176	25.2	14.7	22.1

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#15

Fluoranthene

Concen: 0.223 ng/ul

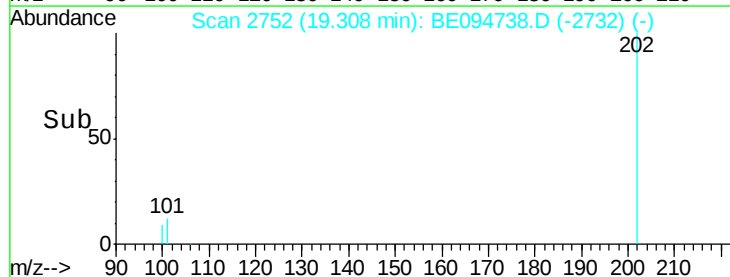
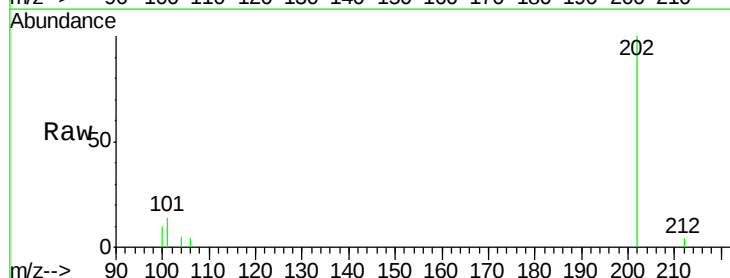
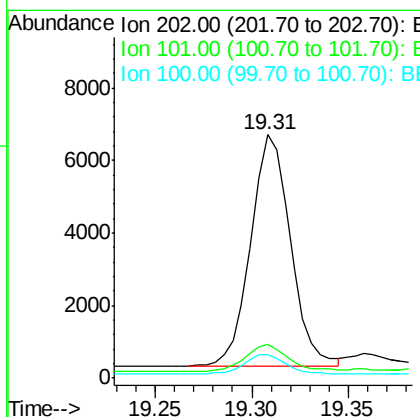
RT: 19.31 min Scan# 2752

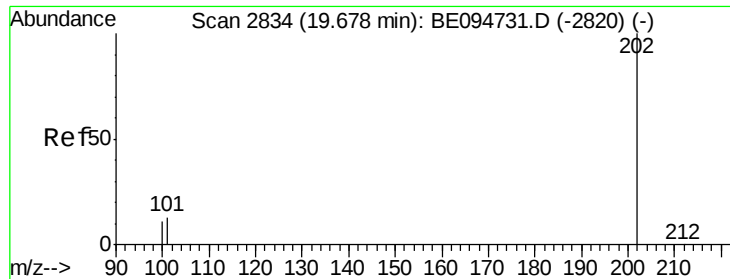
Delta R.T. -0.01 min

Lab File: BE094738.D

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.3
100	9.8	0.0	39.5





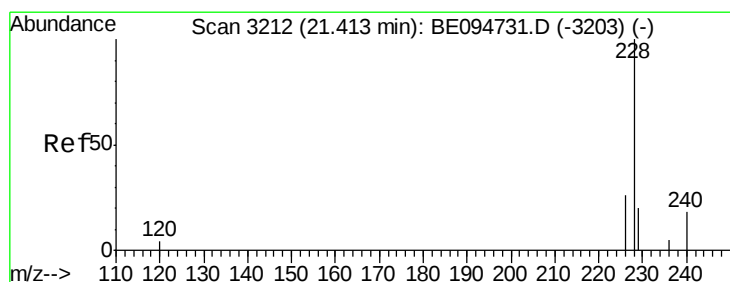
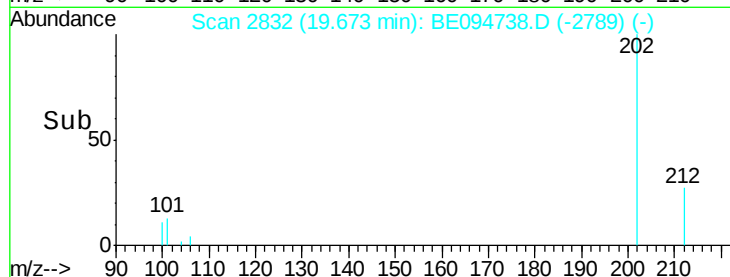
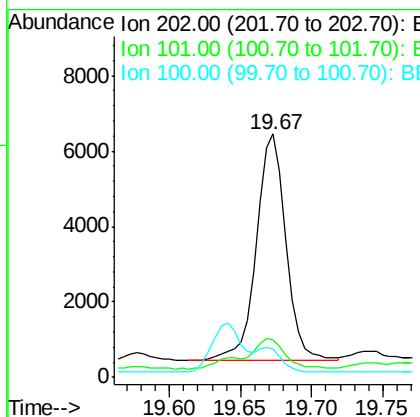
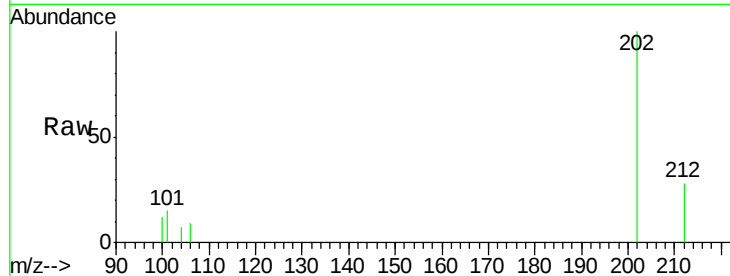
#17
 Pyrene
 Concen: 0.214 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BE094738.D
 Acq: 4 Nov 2017 9:18

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	18.2	27.4#
100	11.6	15.6	23.4#

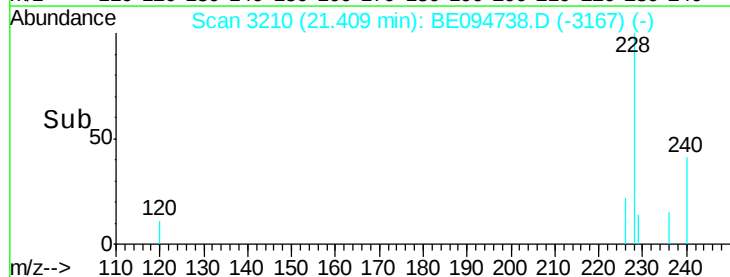
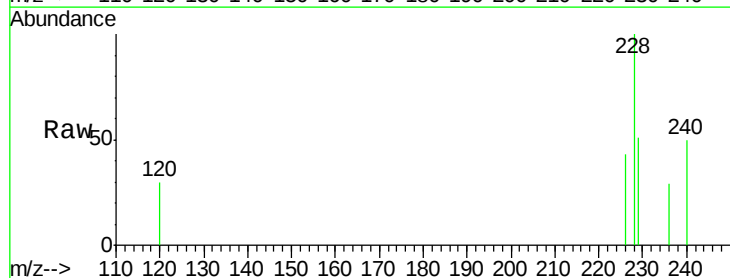
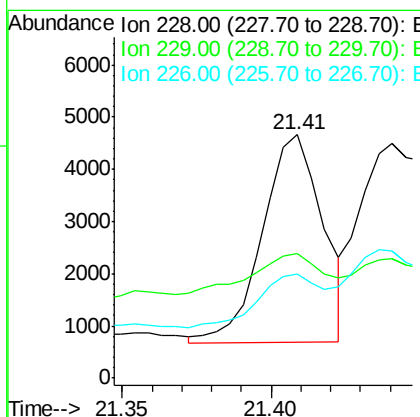
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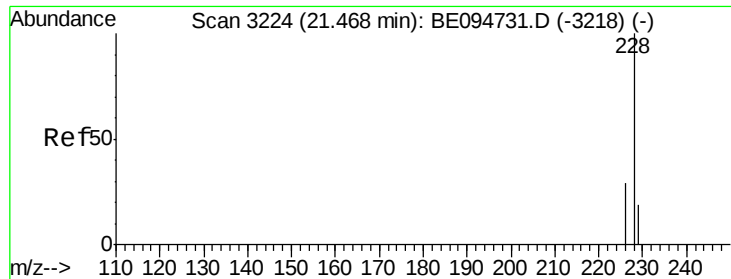
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#18
 Benzo(a)anthracene
 Concen: 0.146 ng/ul
 RT: 21.41 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094738.D
 Acq: 4 Nov 2017 9:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	51.0	22.8	34.2#
226	42.6	17.0	25.6#





#19

Chrysene

Concen: 0.177 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094738.D

Acq: 4 Nov 2017 9:18

Instrument :

BNA_E

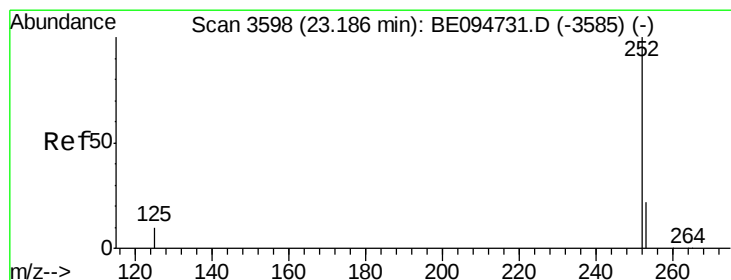
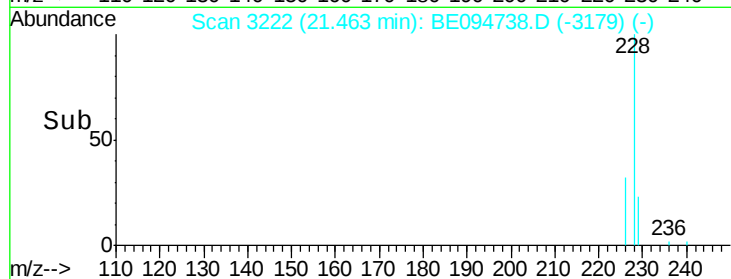
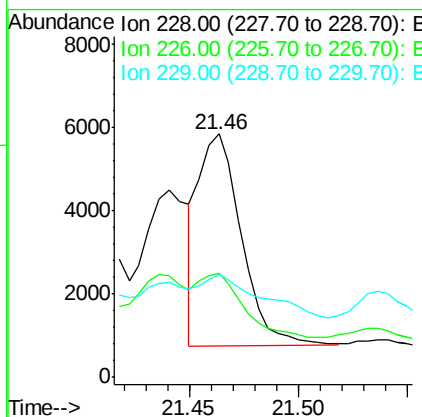
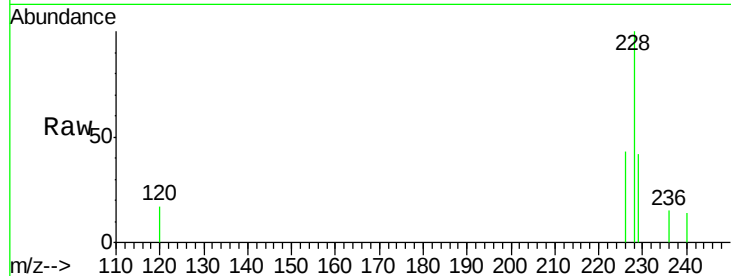
ClientSampleId :

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Tgt Ion:	228	Resp:	6968
Ion Ratio	Lower	Upper	
228	100		
226	42.7	23.4	35.0#
229	42.2	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.541 ng/ul m

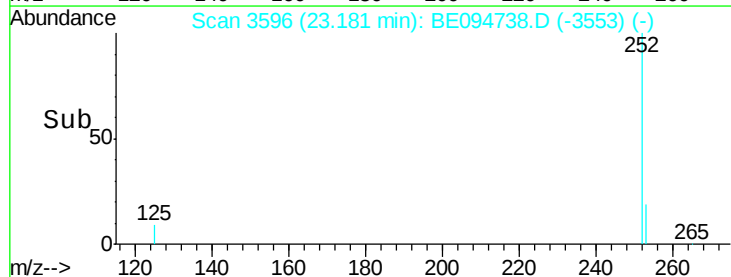
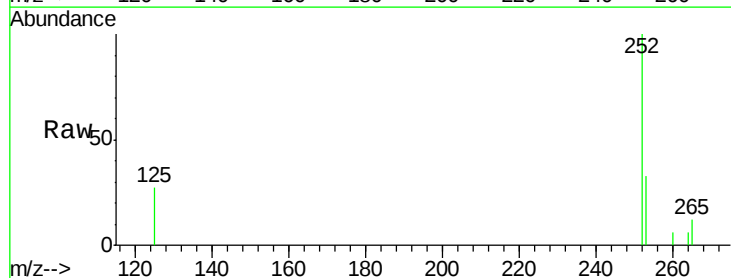
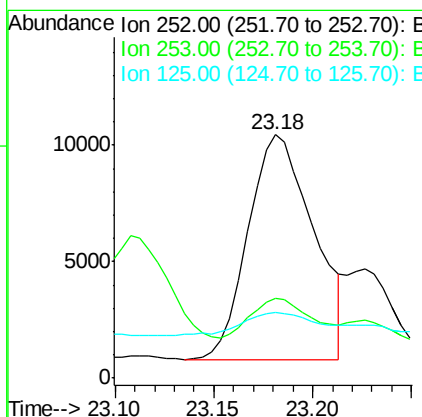
RT: 23.18 min Scan# 3596

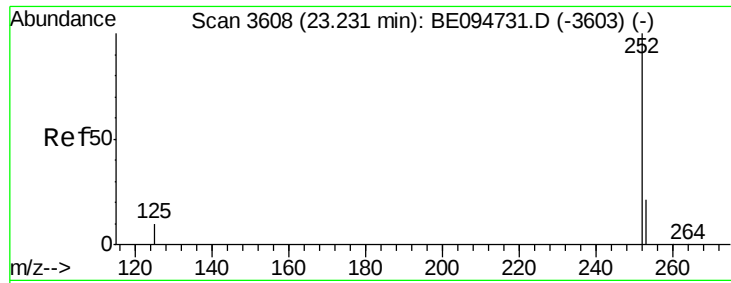
Delta R.T. -0.00 min

Lab File: BE094738.D

Acq: 4 Nov 2017 9:18

Tgt Ion:	252	Resp:	22150
Ion Ratio	Lower	Upper	
252	100		
253	32.7	0.0	64.2
125	27.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.129 ng/ul m

RT: 23.23 min Scan# 3606

Delta R.T. -0.00 min

Lab File: BE094738.D

Acq: 4 Nov 2017 9:18

Instrument :

BNA_E

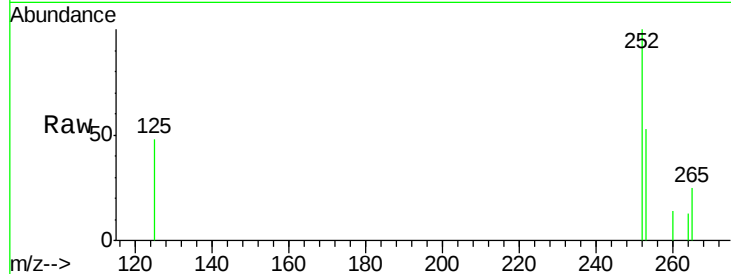
ClientSampleId :

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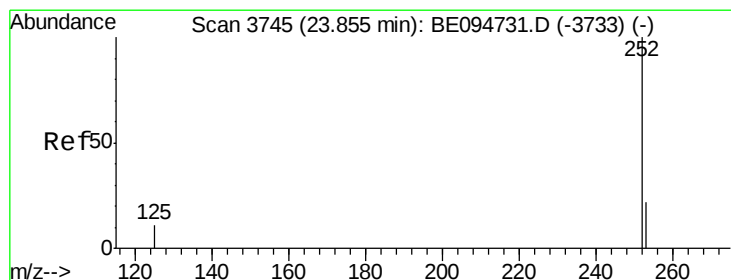
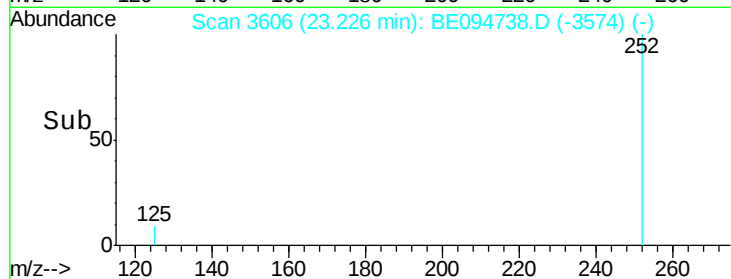
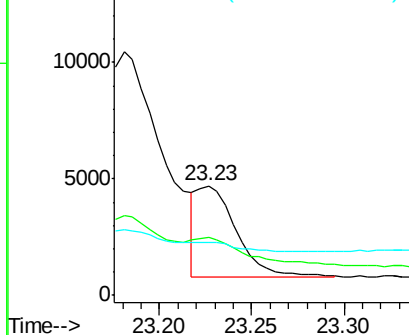
Tgt Ion:	252	Resp:	5650
Ion Ratio	Lower	Upper	
252	100		
253	52.7	24.5	36.7#
125	47.8	13.7	20.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.145 ng/ul

RT: 23.85 min Scan# 3742

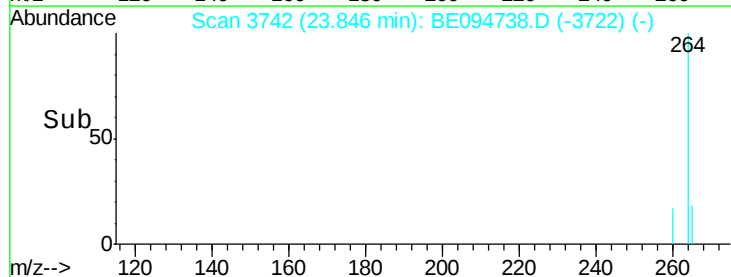
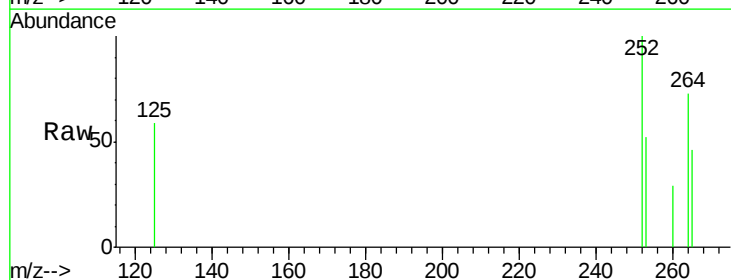
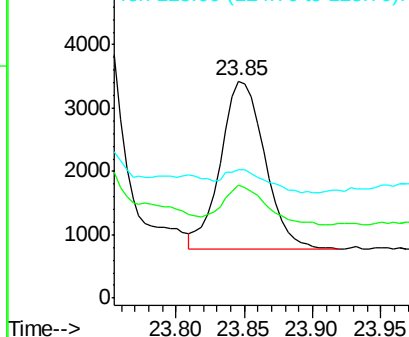
Delta R.T. -0.01 min

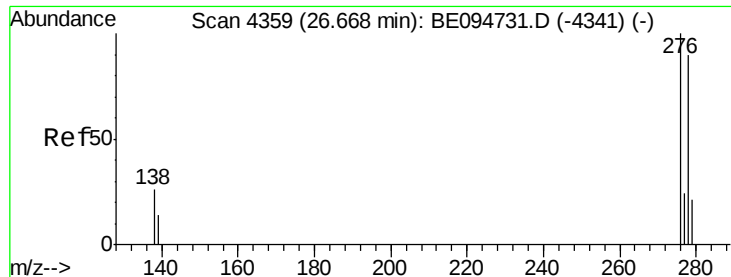
Lab File: BE094738.D

Acq: 4 Nov 2017 9:18

Tgt Ion:	252	Resp:	5942
Ion Ratio	Lower	Upper	
252	100		
253	52.1	28.5	42.7#
125	59.4	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

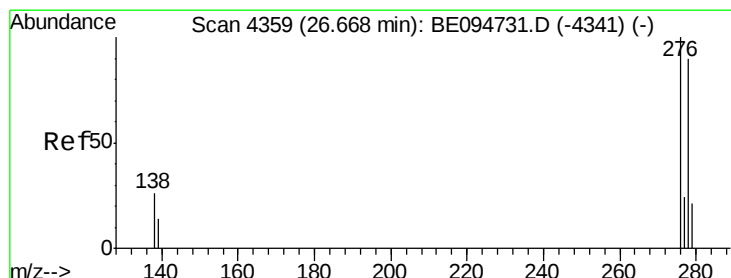
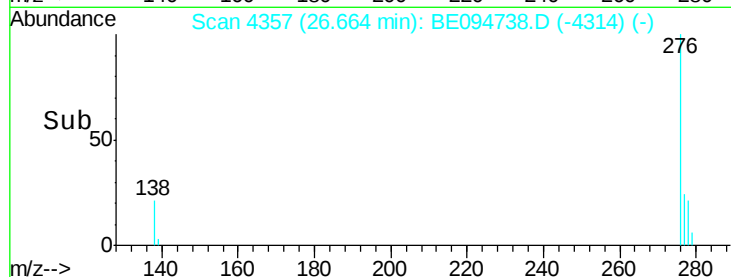
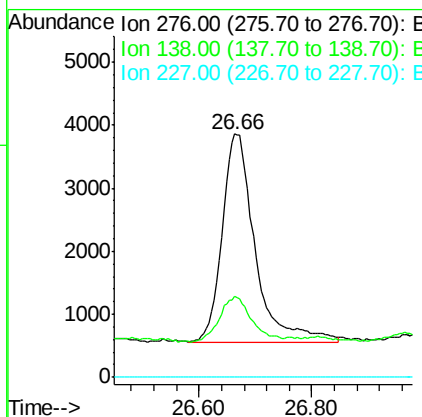
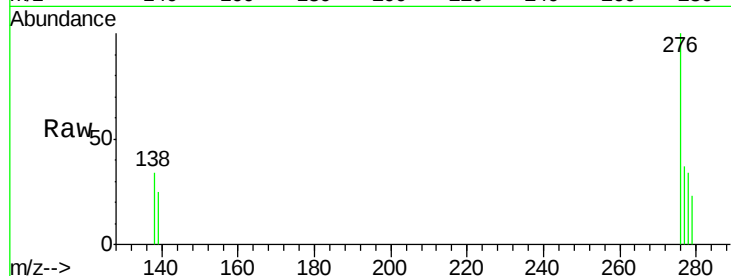
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.00 min
Lab File: BE094738.D
Acq: 4 Nov 2017 9:18

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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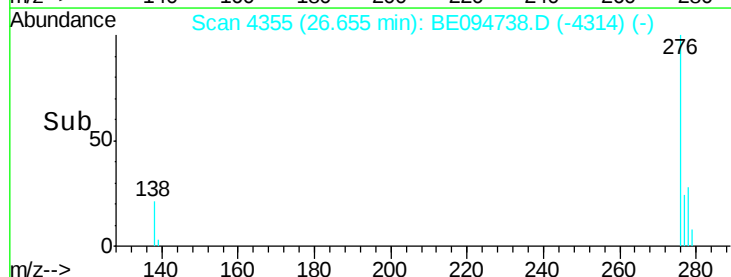
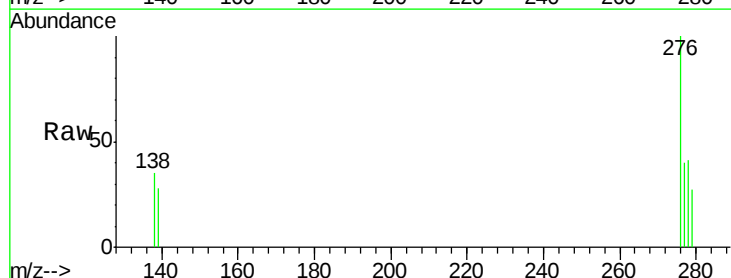
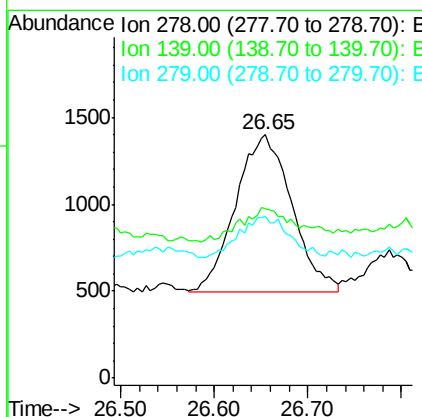
Sohil
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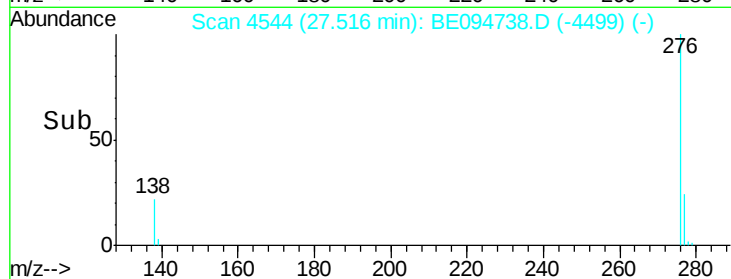
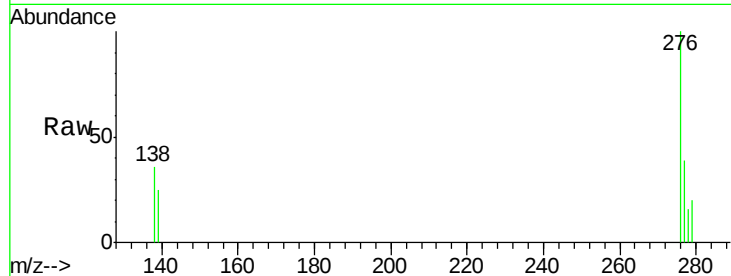
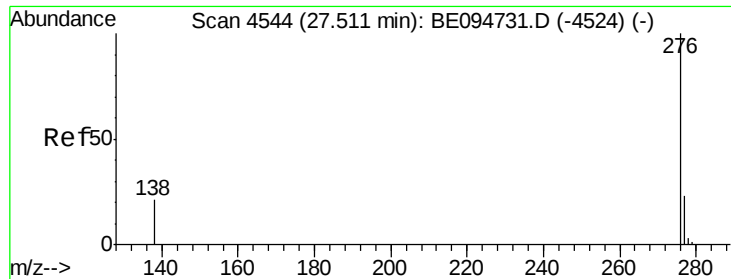


#25

Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.65 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BE094738.D
Acq: 4 Nov 2017 9:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	69.3	17.4	26.0#
279	66.2	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.358 ng/ul

RT: 27.52 min Scan# 4544

Delta R.T. 0.00 min

Lab File: BE094738.D

Acq: 4 Nov 2017 9:18

Instrument :

BNA_E

ClientSampleId :

B-15(0.25-1.25)-101717

Tgt	Ion	276	Resp:	12159
Ion	Ratio	Lower	Upper	
276	100			
138	36.1	21.8	32.8#	
277	39.4	20.5	30.7#	

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