

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094827.D
 Acq On : 22 Nov 2017 12:23
 Operator : SJ/JU
 Sample : I6514-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

Manual Integrations
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Sohil
 11/27/2017 3:24:55 PM

Quant Time: Nov 23 01:09:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 00:56:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	773	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	4844	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.50	164	3270	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	8089	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8515	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8541	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	852	0.11	ng/ul	0.02
14) Fluoranthene-d10	19.27	212	2585	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.73	128	383	0.033	ng/ul#	62
5) 2-Methylnaphthalene	12.36	142	379	0.047	ng/ul	96
7) Acenaphthylene	14.23	152	452	0.030	ng/ul#	68
12) Phenanthrene	17.27	178	3502	0.161	ng/ul#	88
13) Anthracene	17.38	178	773	0.035	ng/ul#	78
15) Fluoranthene	19.30	202	6764	0.237	ng/ul	83
17) Pyrene	19.66	202	6424	0.241	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	3877	0.150	ng/ul#	93
19) Chrysene	21.46	228	4323	0.167	ng/ul	93
21) Benzo(b)fluoranthene	23.18	252	5131m	0.202	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	2183m	0.081	ng/ul	
23) Benzo(a)pyrene	23.84	252	3296	0.130	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.68	276	2442	0.089	ng/ul#	73
26) Benzo(g,h,i)perylene	27.53	276	1646	0.071	ng/ul#	67

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

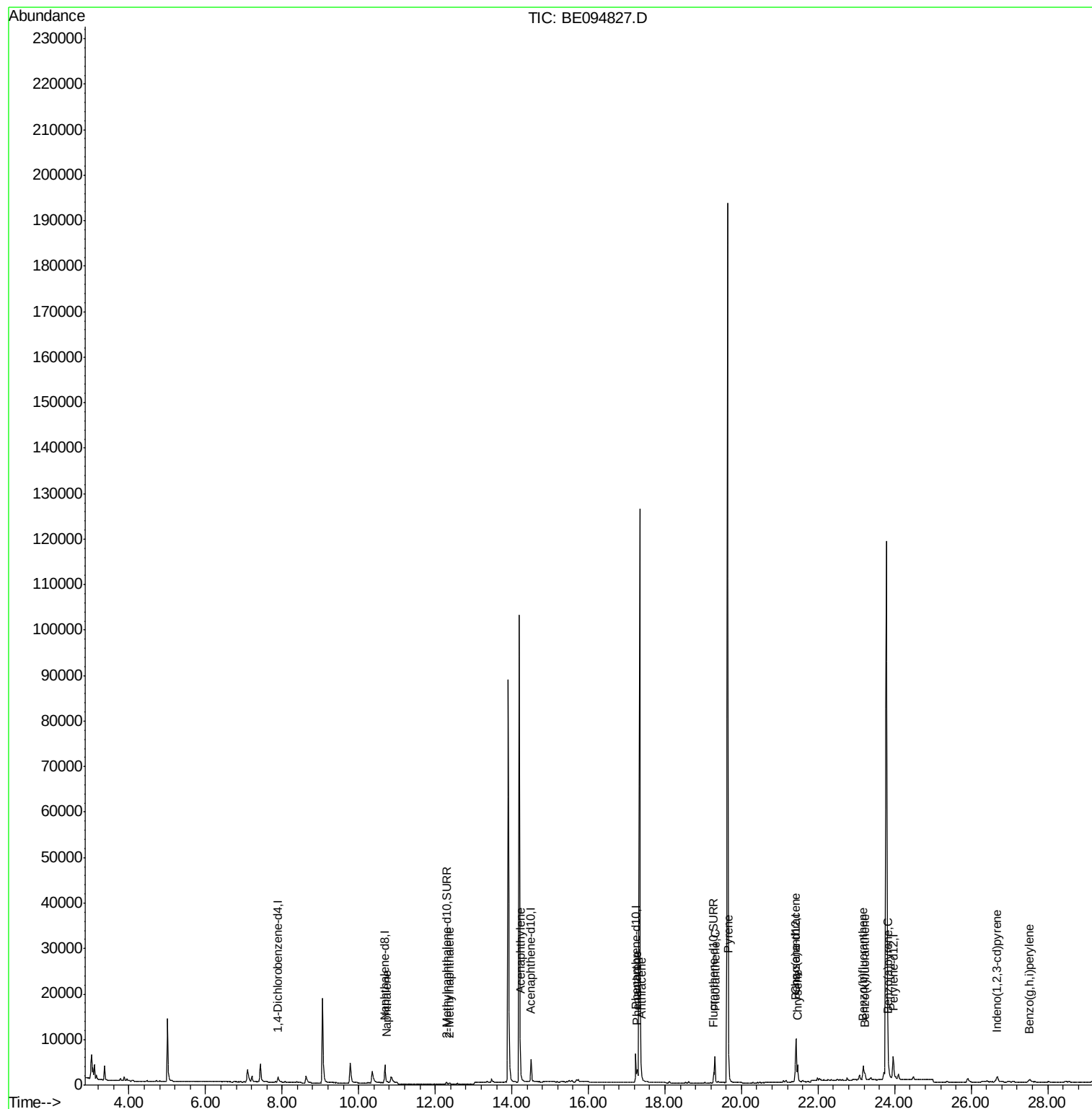
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094827.D
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ALS Vial : 4 Sample Multiplier: 1

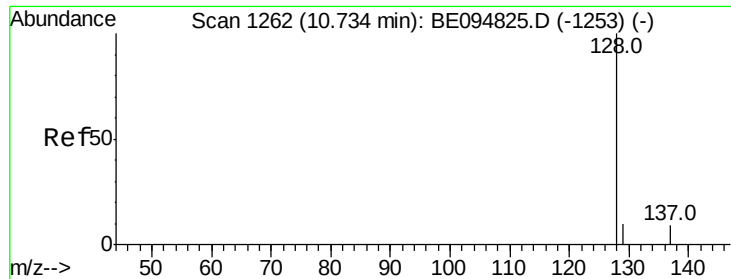
Instrument :
BNA_E
ClientSampleId :
C0AB2

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
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QLast Update : Thu Nov 23 00:56:52 2017
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#3

Naphthalene

Concen: 0.033 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE094827.D

Acq: 22 Nov 2017 12:23

Instrument :

BNA_E

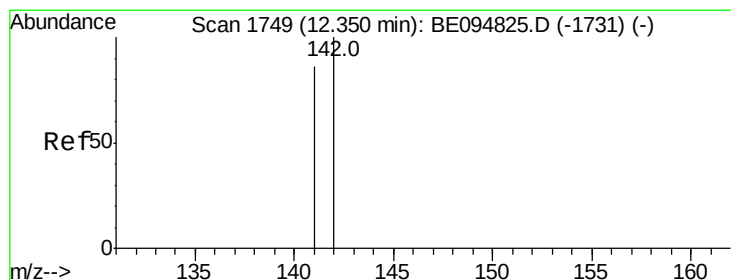
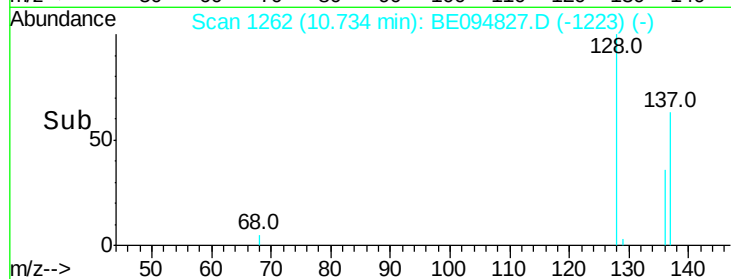
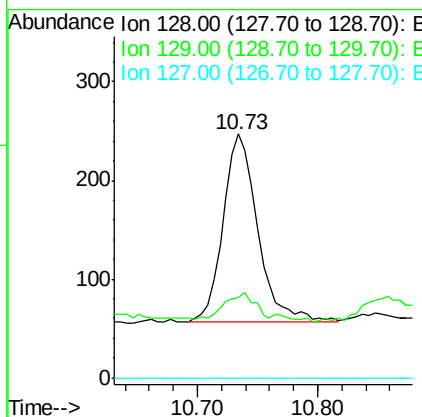
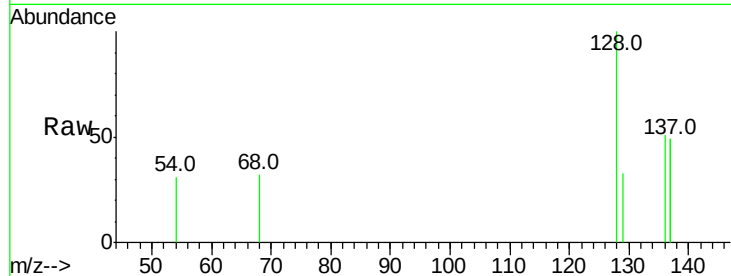
ClientSampleId :

C0AB2

Tot Ion	Ratio	Lower	Upper
128	100		
129	32.8	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.047 ng/ul

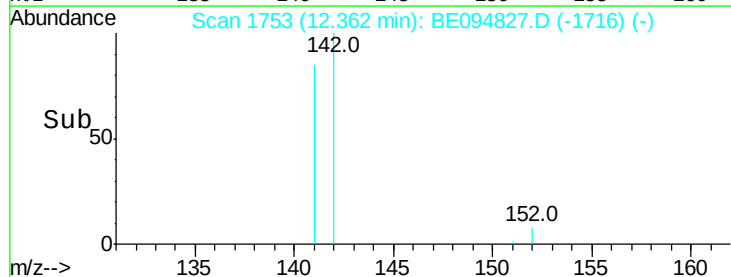
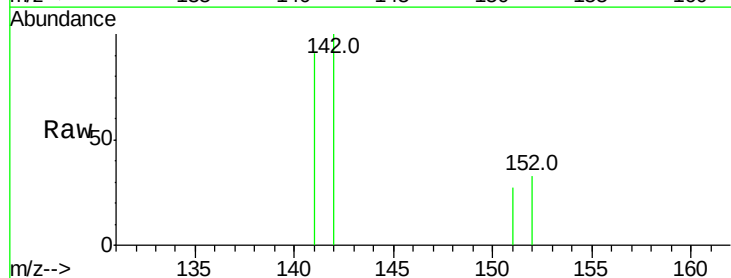
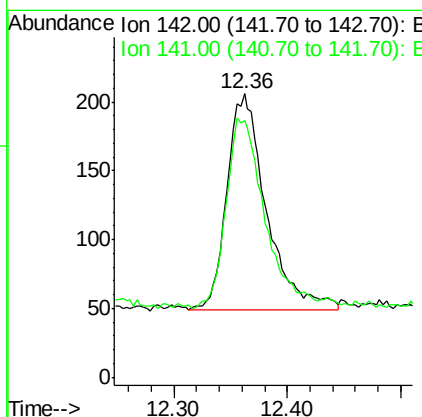
RT: 12.36 min Scan# 1753

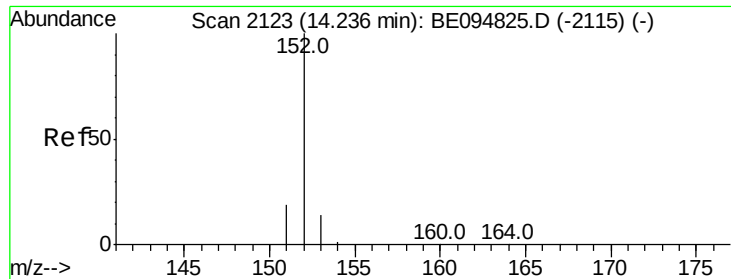
Delta R.T. 0.01 min

Lab File: BE094827.D

Acq: 22 Nov 2017 12:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE094827.D

Acq: 22 Nov 2017 12:23

Instrument :

BNA_E

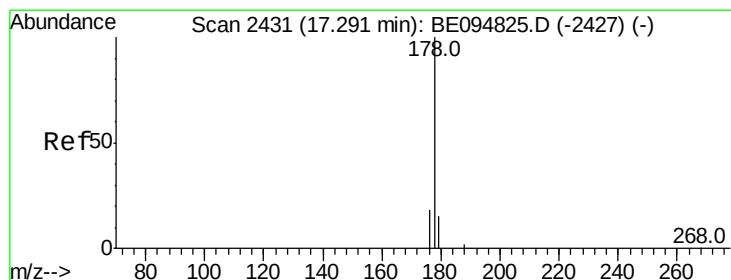
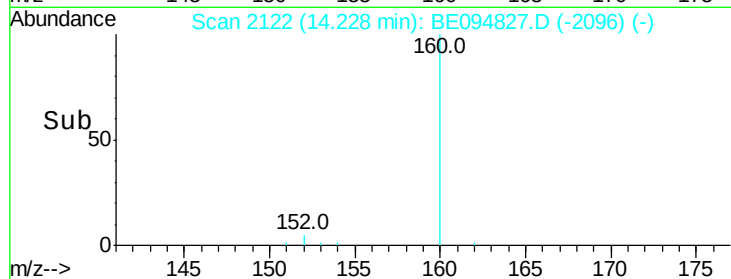
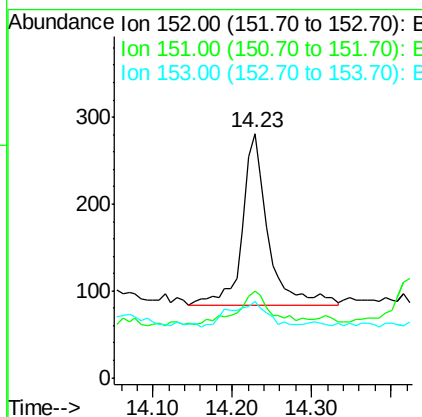
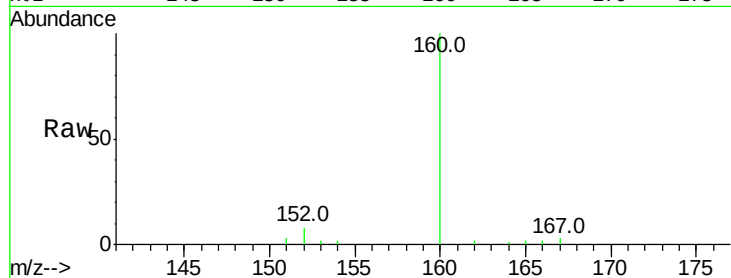
ClientSampled :

C0AB2

Tot Ion:	152	Resp:	452
Ion Ratio	Lower	Upper	
152	100		
151	35.2	17.1	25.7#
153	31.3	12.8	19.2#

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#12

Phenanthrene

Concen: 0.161 ng/ul

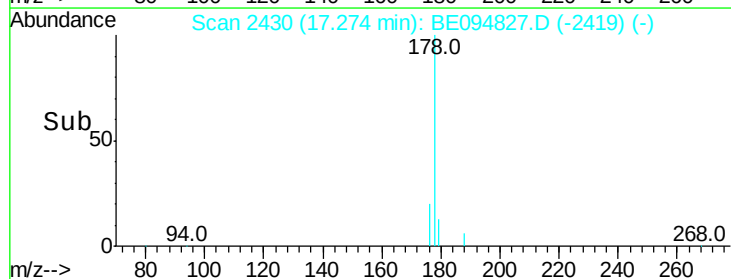
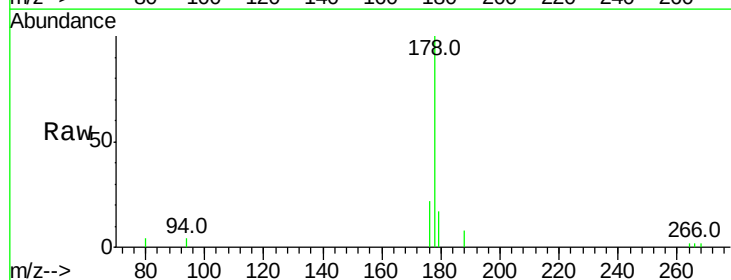
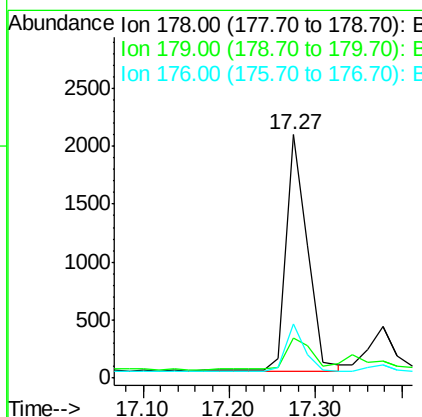
RT: 17.27 min Scan# 2430

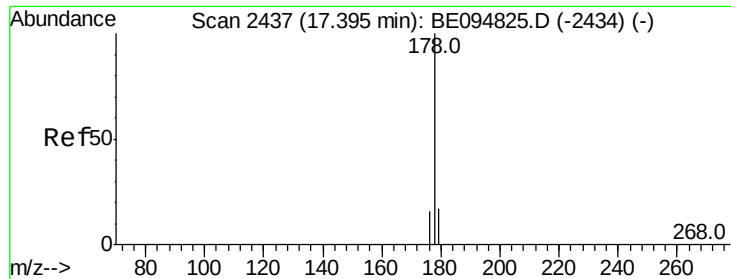
Delta R.T. -0.02 min

Lab File: BE094827.D

Acq: 22 Nov 2017 12:23

Tgt Ion:	178	Resp:	3502
Ion Ratio	Lower	Upper	
178	100		
179	16.7	18.4	27.6#
176	22.0	13.6	20.4#





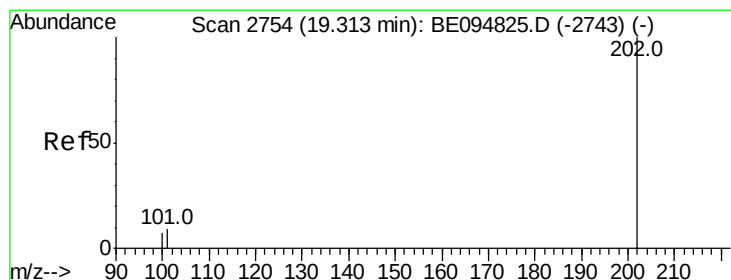
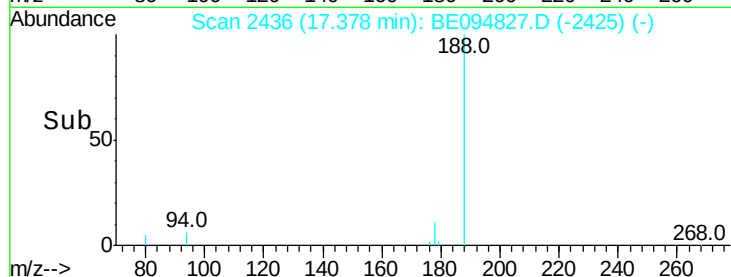
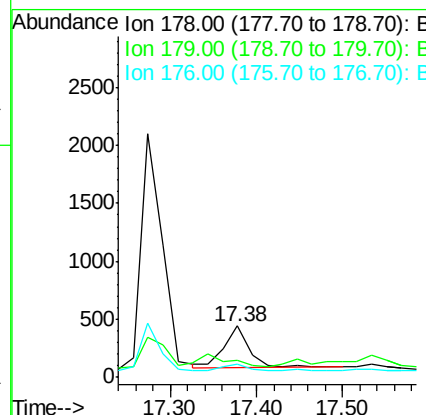
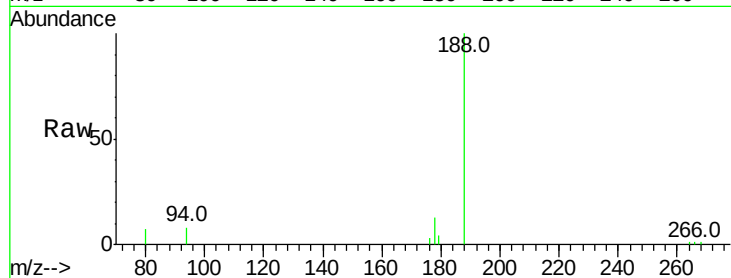
#13
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094827.D
 Acq: 22 Nov 2017 12:23

Instrument :
 BNA_E
 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	34.2	18.1	27.1#
176	26.6	14.7	22.1#

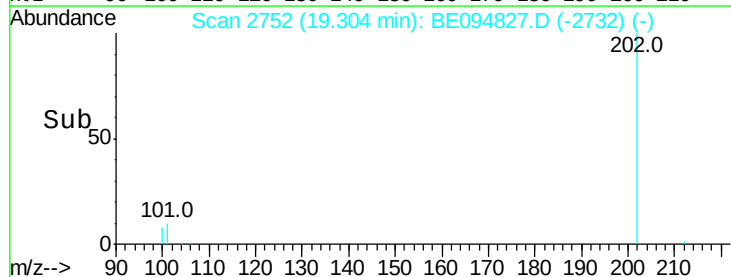
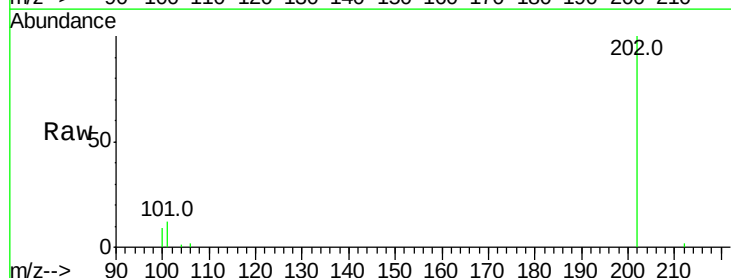
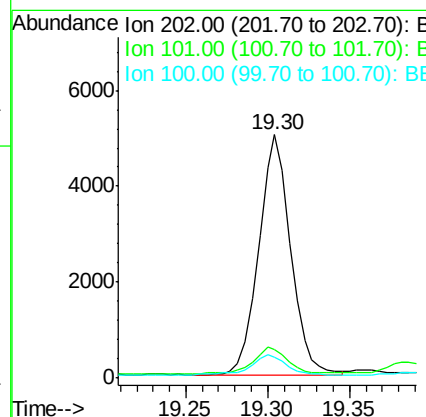
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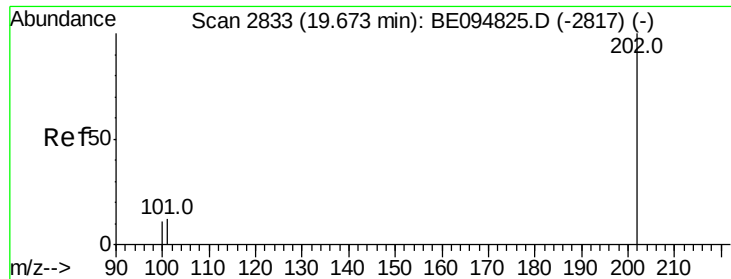
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#15
 Fluoranthene
 Concen: 0.237 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094827.D
 Acq: 22 Nov 2017 12:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	8.8	0.0	39.5





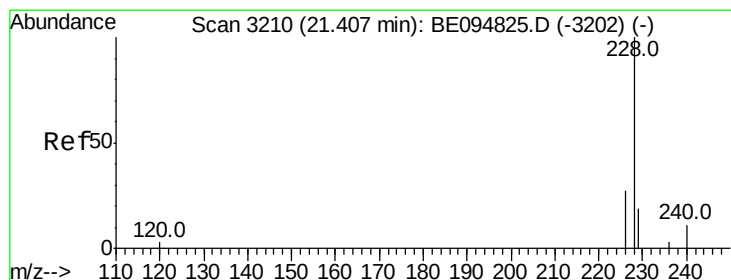
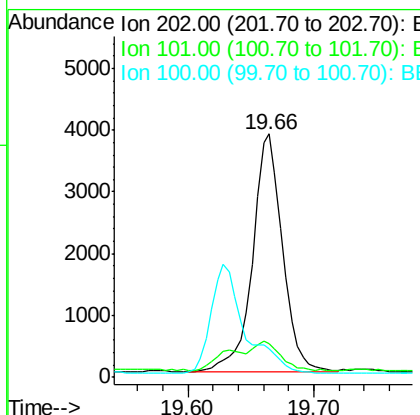
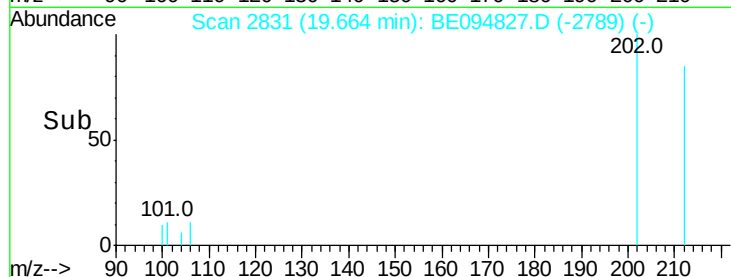
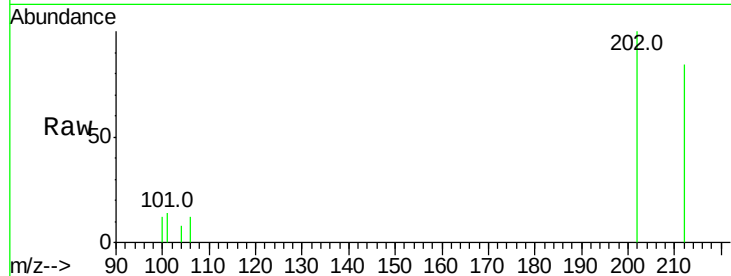
#17
Pvrene
Concen: 0.241 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	11.9	15.6	23.4#

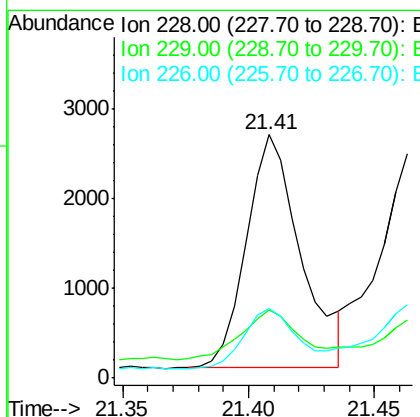
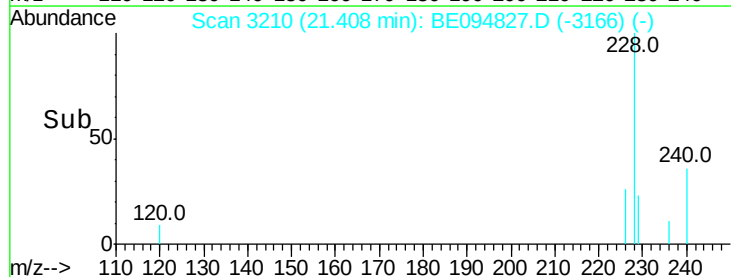
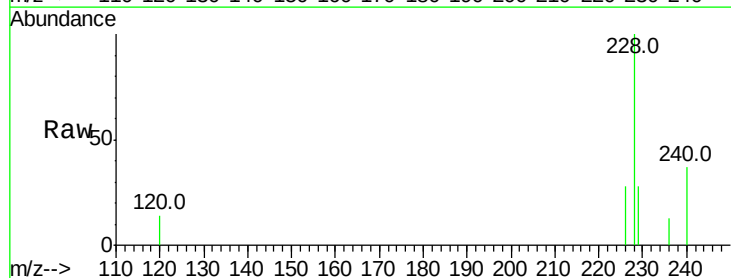
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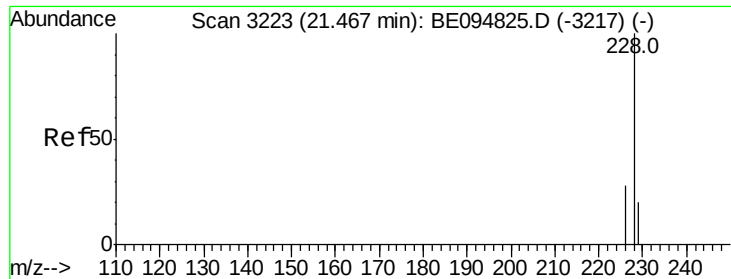
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#18
Benzo(a)anthracene
Concen: 0.150 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BE094827.D
Acq: 22 Nov 2017 12:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.8	22.8	34.2
226	28.3	17.0	25.6#





#19

Chrysene

Concen: 0.167 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094827.D

Acq: 22 Nov 2017 12:23

Instrument :

BNA_E

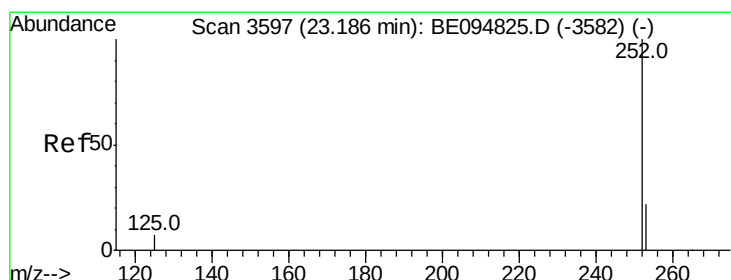
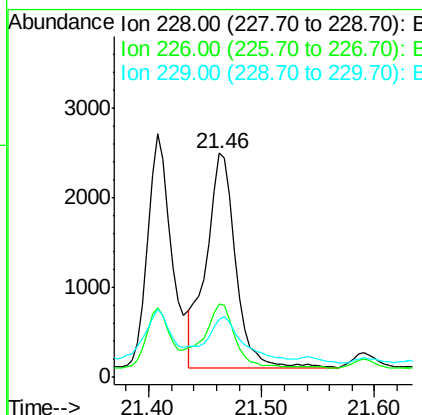
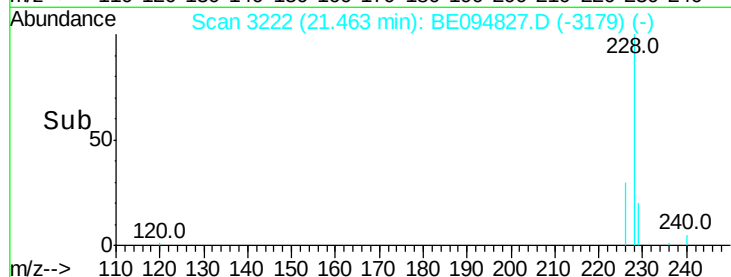
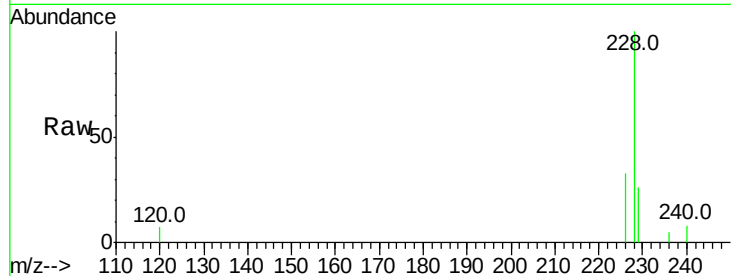
ClientSampleId :

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Tot Ion:	228	Resp:	4323
Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.4	35.0
229	25.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.202 ng/ul m

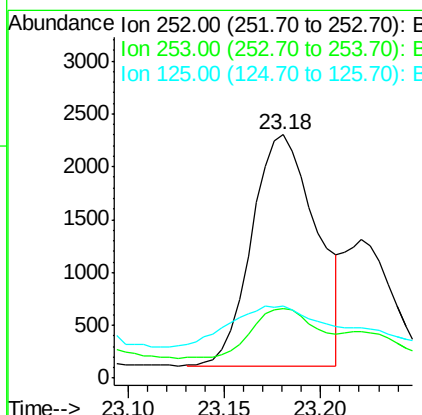
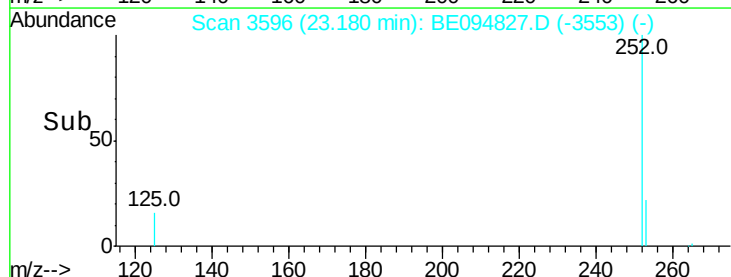
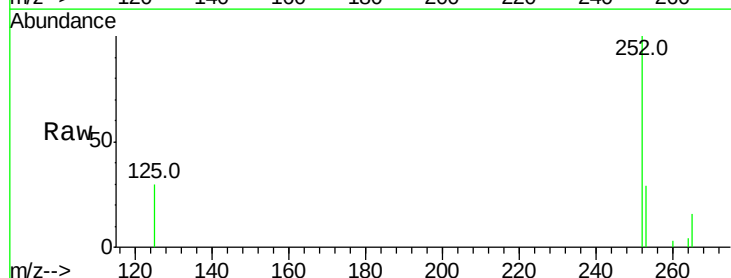
RT: 23.18 min Scan# 3596

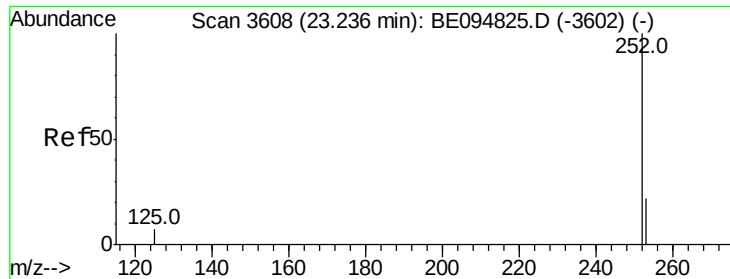
Delta R.T. -0.01 min

Lab File: BE094827.D

Acq: 22 Nov 2017 12:23

Tgt Ion:	252	Resp:	5131
Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	64.2
125	29.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.081 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. -0.01 min

Lab File: BE094827.D

Acq: 22 Nov 2017 12:23

Instrument :

BNA_E

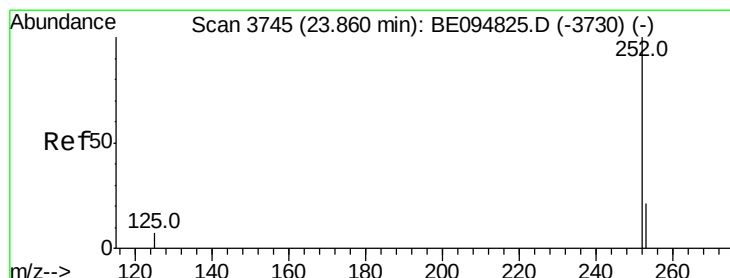
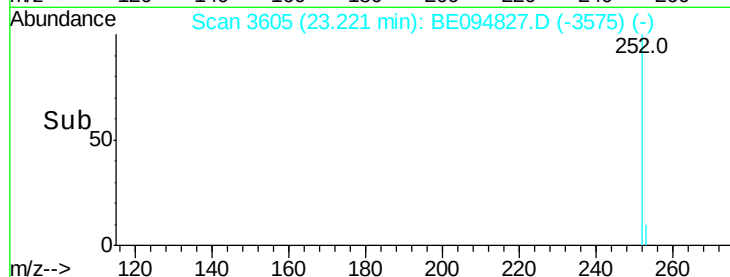
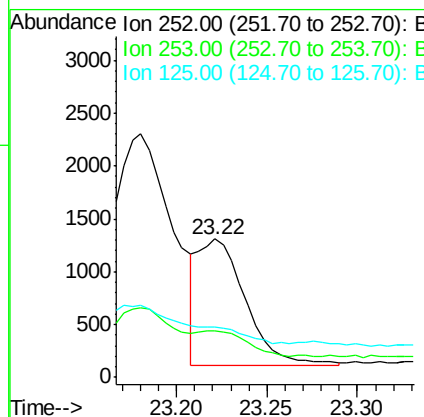
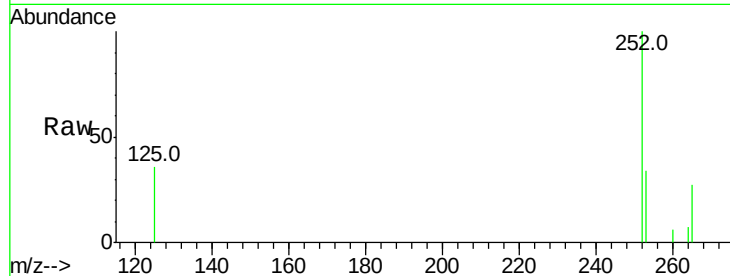
ClientSampleId :

C0AB2

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.0	24.5	36.7
125	36.1	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.130 ng/ul

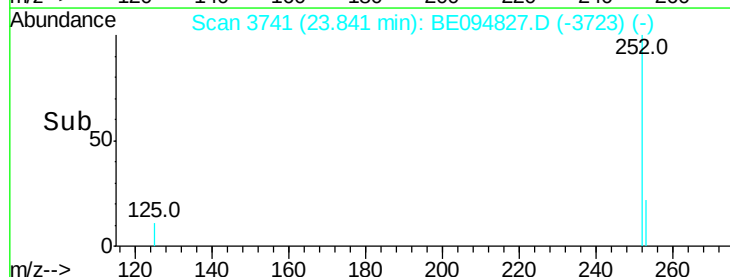
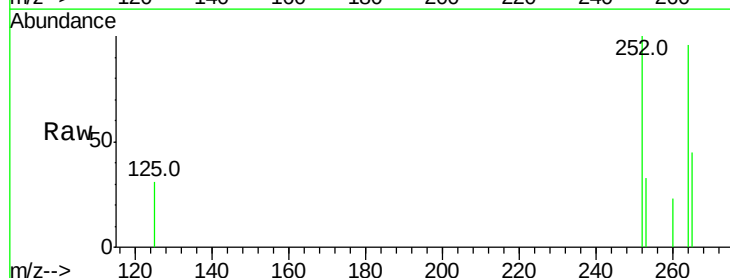
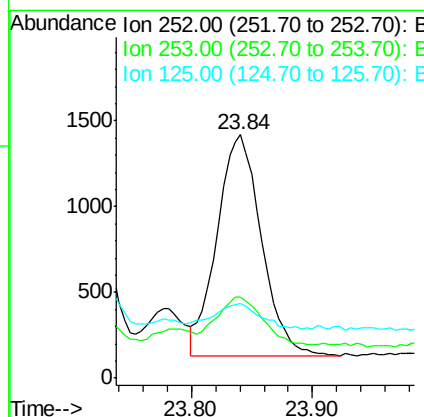
RT: 23.84 min Scan# 3741

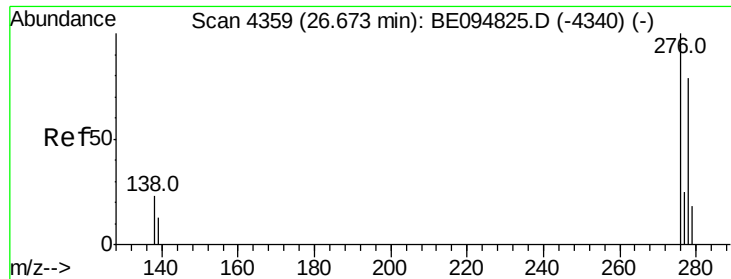
Delta R.T. -0.02 min

Lab File: BE094827.D

Acq: 22 Nov 2017 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.3	28.5	42.7
125	30.6	18.1	27.1#





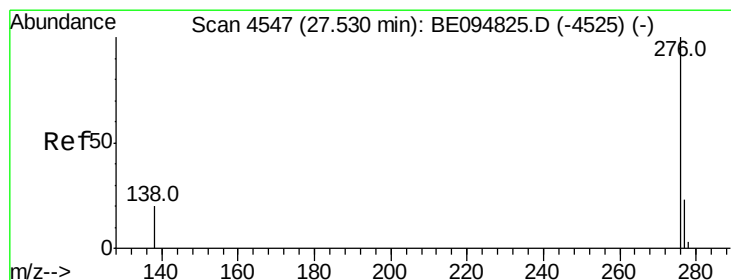
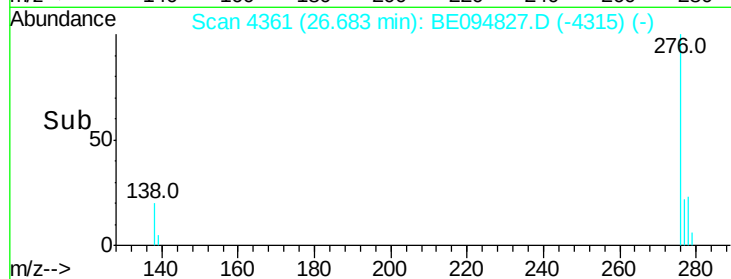
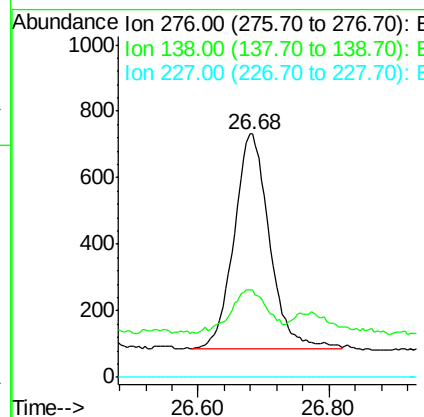
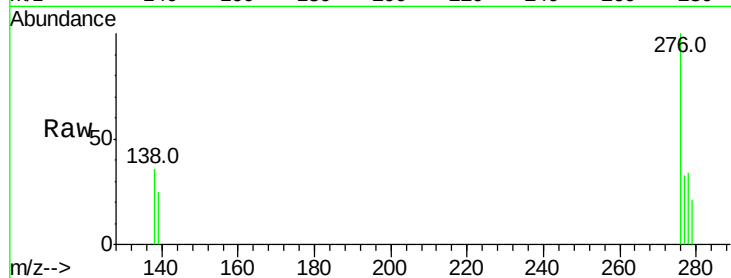
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. 0.01 min
 Lab File: BE094827.D
 Acq: 22 Nov 2017 12:23

Instrument :
 BNA_E
 ClientSampleId :
 C0AB2

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.071 ng/ul
 RT: 27.53 min Scan# 4546
 Delta R.T. -0.00 min
 Lab File: BE094827.D
 Acq: 22 Nov 2017 12:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	48.3	21.8	32.8#
277	38.4	20.5	30.7#

