

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094842.D
 Acq On : 22 Nov 2017 21:17
 Operator : SJ/JU
 Sample : I6496-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1

Manual Integrations
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Sohil
 11/27/2017 3:25:41 PM

Quant Time: Nov 23 03:05:02 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 02:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	691	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.67	136	4662	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.50	164	3365	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8284m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8449	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9439	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2197	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	7478	0.26	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.72	128	449	0.040	ng/ul#	64
5) 2-Methylnaphthalene	12.37	142	587	0.076	ng/ul	97
12) Phenanthrene	17.27	178	2946m	0.132	ng/ul	
13) Anthracene	17.36	178	585m	0.026	ng/ul	
15) Fluoranthene	19.30	202	5035	0.172	ng/ul	84
17) Pyrene	19.66	202	5495	0.208	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	2431	0.095	ng/ul#	90
19) Chrysene	21.46	228	3411	0.133	ng/ul#	91
21) Benzo(b)fluoranthene	23.17	252	3948m	0.140	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	1247m	0.042	ng/ul	
23) Benzo(a)pyrene	23.83	252	2259	0.081	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	26.68	276	1663	0.055	ng/ul#	77
26) Benzo(g,h,i)perylene	27.53	276	1420	0.056	ng/ul#	71

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

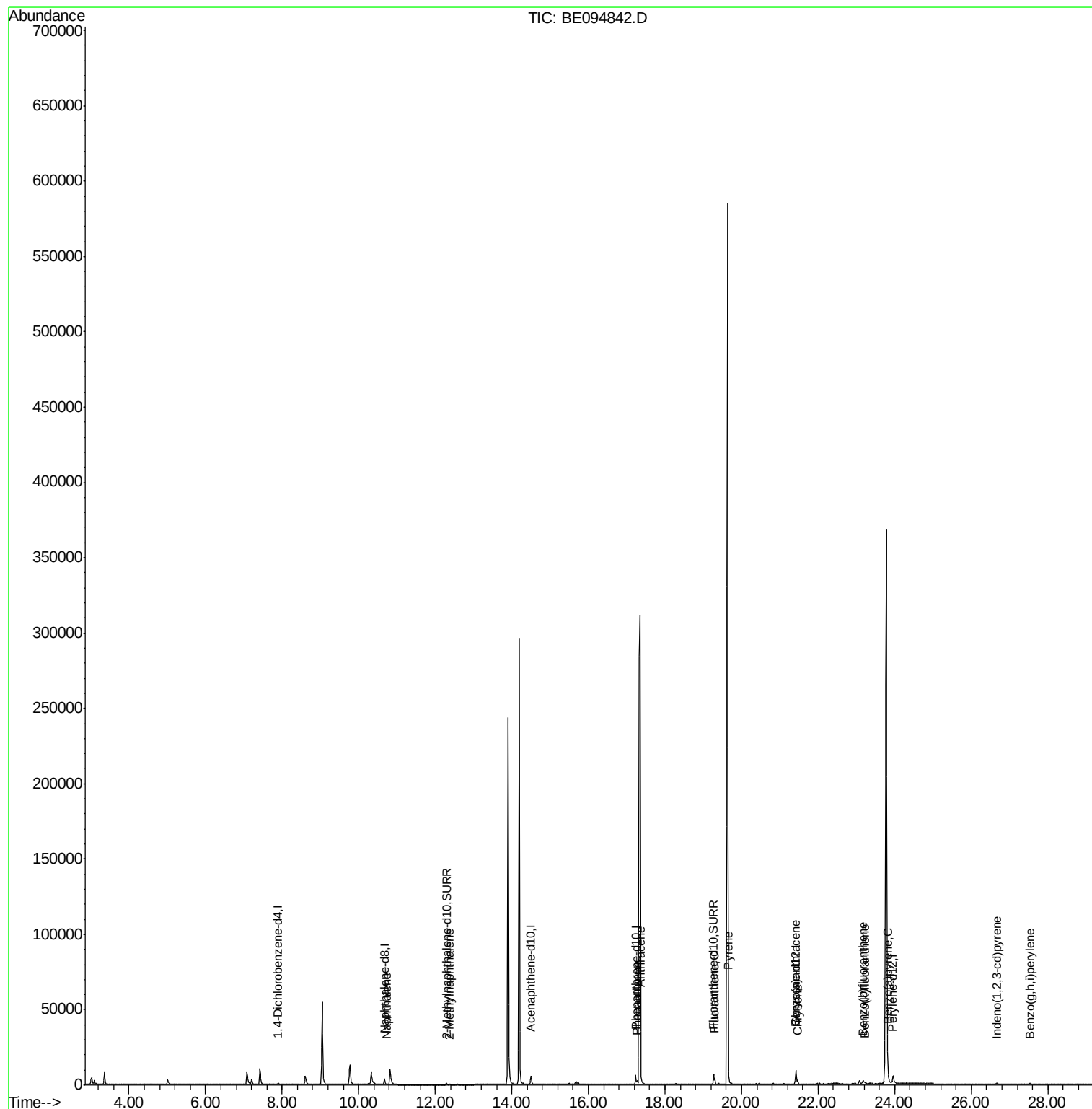
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094842.D
Acq On : 22 Nov 2017 21:17
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ALS Vial : 18 Sample Multiplier: 1

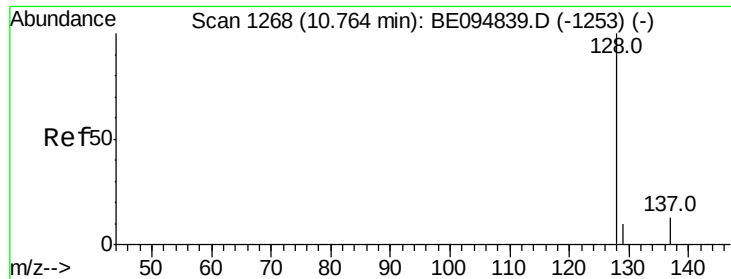
Instrument :
BNA_E
ClientSampleId :
C0AA1

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QLast Update : Thu Nov 23 02:50:08 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.72 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BE094842.D

Acq: 22 Nov 2017 21:17

Instrument :

BNA_E

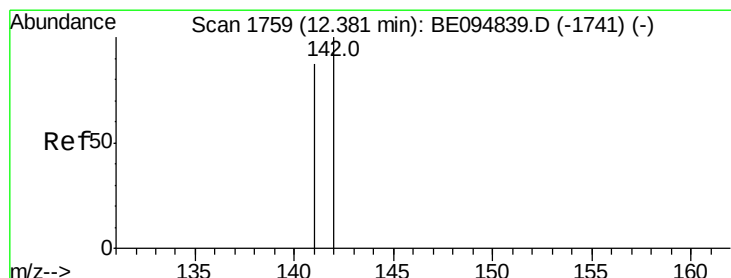
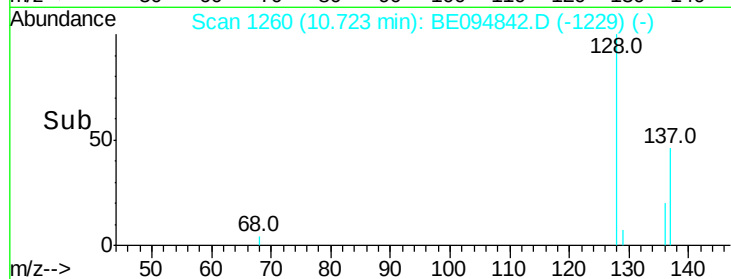
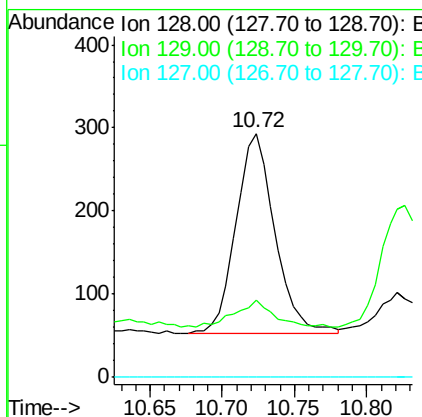
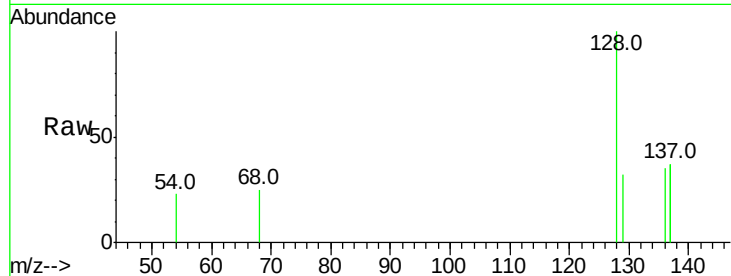
ClientSampled :

C0AA1

Tot Ion:	128	Resp:	449
Ion Ratio	Lower	Upper	
128	100		
129	31.7	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.076 ng/ul

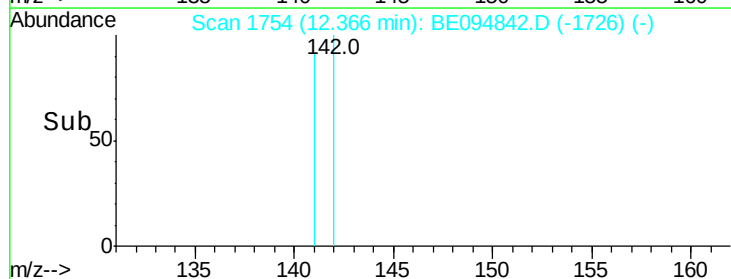
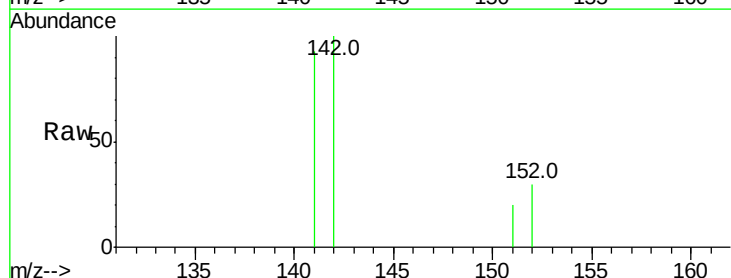
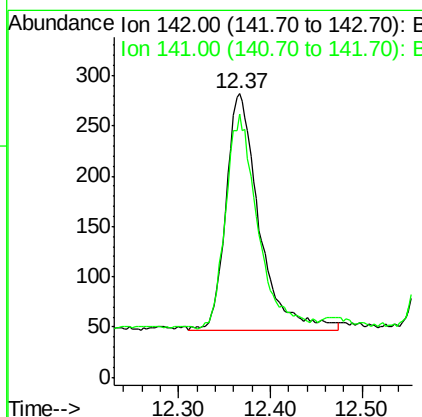
RT: 12.37 min Scan# 1754

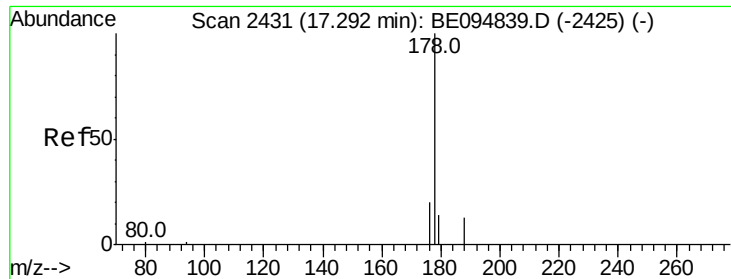
Delta R.T. -0.01 min

Lab File: BE094842.D

Acq: 22 Nov 2017 21:17

Tgt Ion:	142	Resp:	587
Ion Ratio	Lower	Upper	
142	100		
141	87.9	72.6	108.8





#12

Phenanthrene

Concen: 0.132 ng/ul m

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094842.D

Acq: 22 Nov 2017 21:17

Instrument :

BNA_E

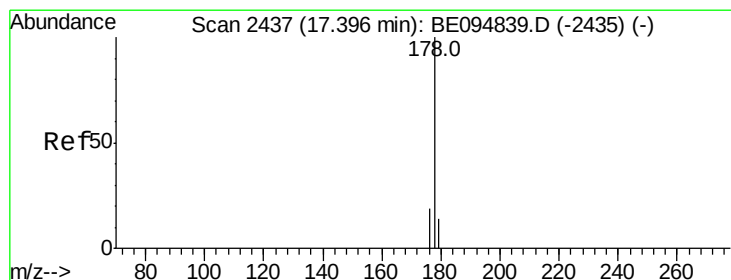
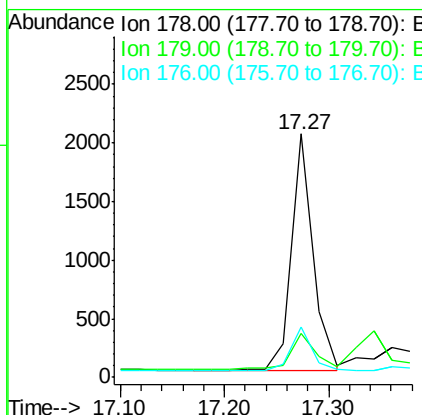
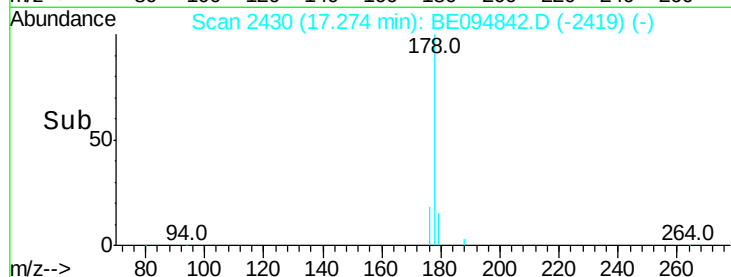
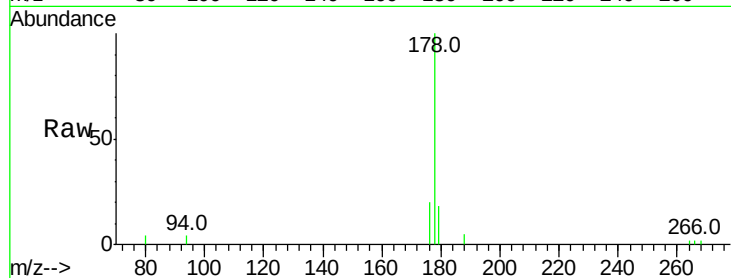
ClientSampleId :

C0AA1

Tot Ion:178	Resp:	2946
Ion Ratio	Lower	Upper
178	100	
179	18.1	18.4 27.6#
176	20.5	13.6 20.4#

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#13

Anthracene

Concen: 0.026 ng/ul m

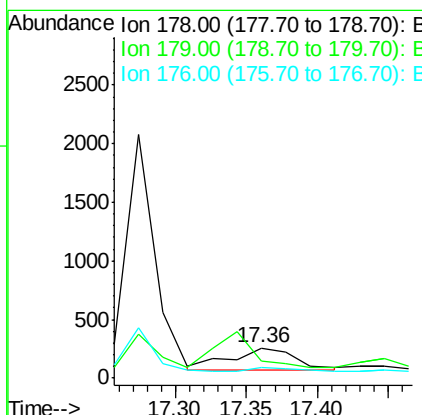
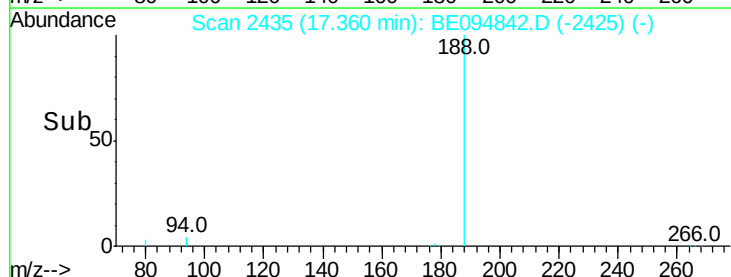
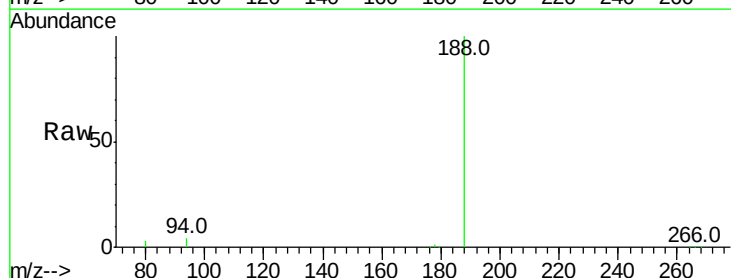
RT: 17.36 min Scan# 2435

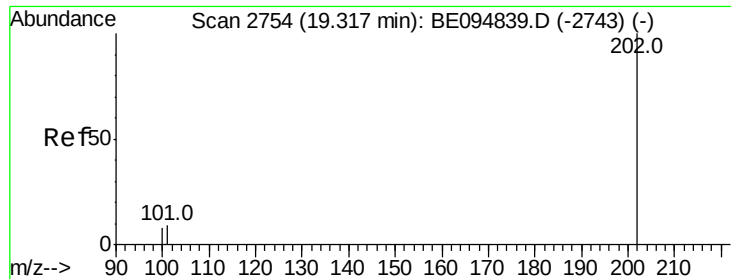
Delta R.T. -0.04 min

Lab File: BE094842.D

Acq: 22 Nov 2017 21:17

Tgt Ion:178	Resp:	585
Ion Ratio	Lower	Upper
178	100	
179	56.9	18.1 27.1#
176	36.2	14.7 22.1#





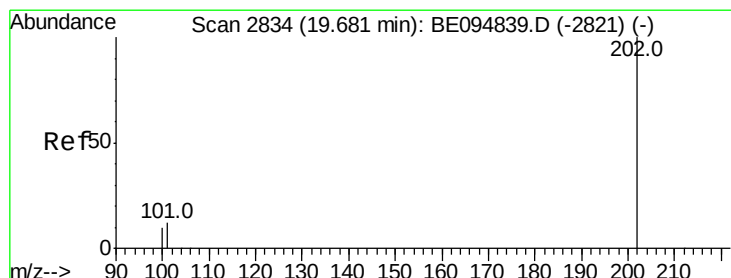
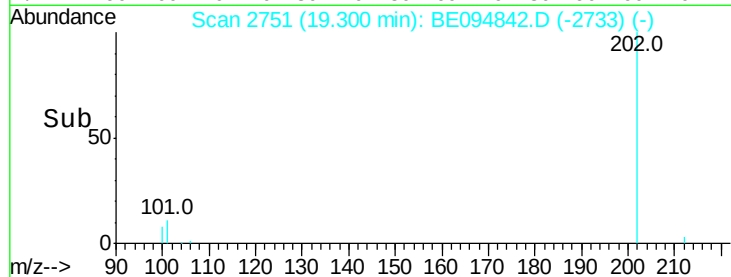
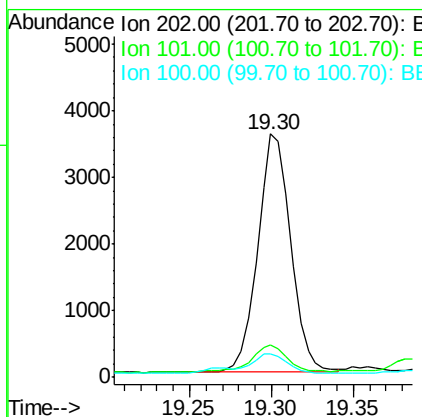
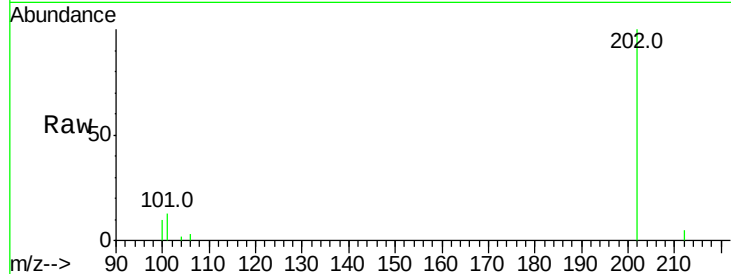
#15
Fluoranthene
Concen: 0.172 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.02 min
Lab File: BE094842.D
Acq: 22 Nov 2017 21:17

Instrument :
BNA_E
ClientSampled :
C0AA1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	5035		
101	13.1		0.0	30.3
100	9.9		0.0	39.5

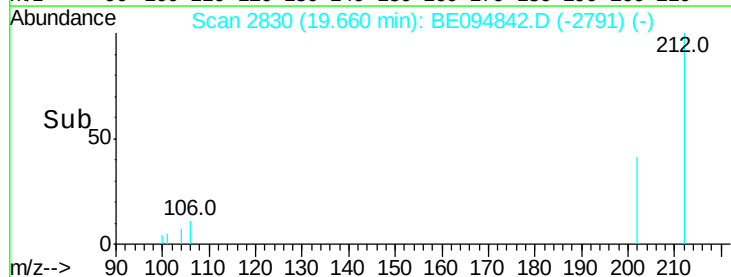
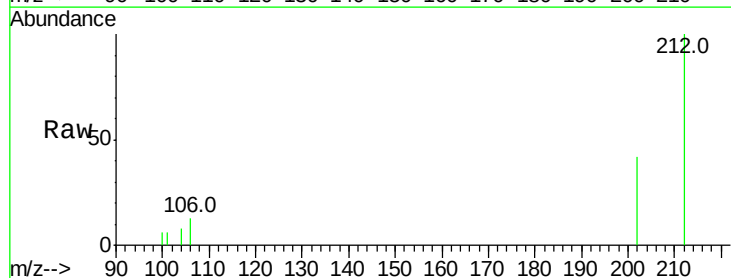
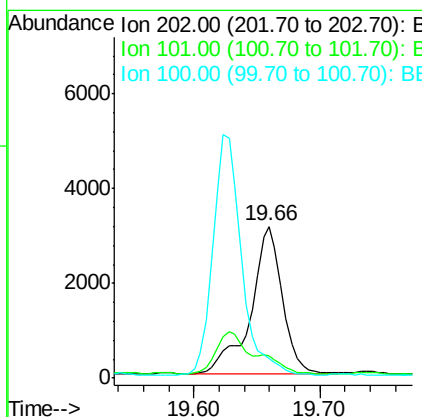
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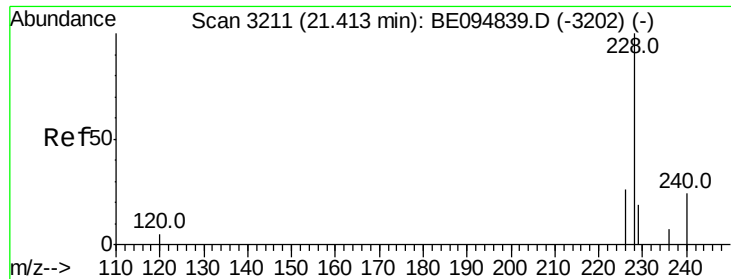
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#17
Pyrene
Concen: 0.208 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BE094842.D
Acq: 22 Nov 2017 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	5495		
101	14.7		18.2	27.4#
100	13.3		15.6	23.4#





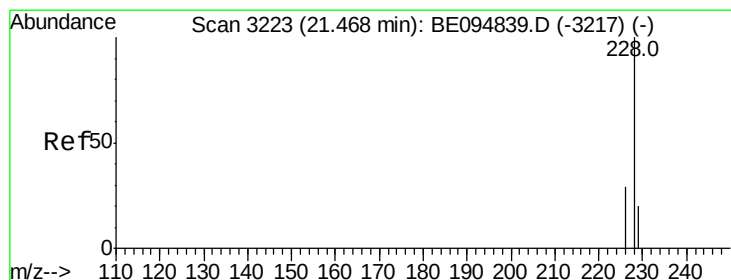
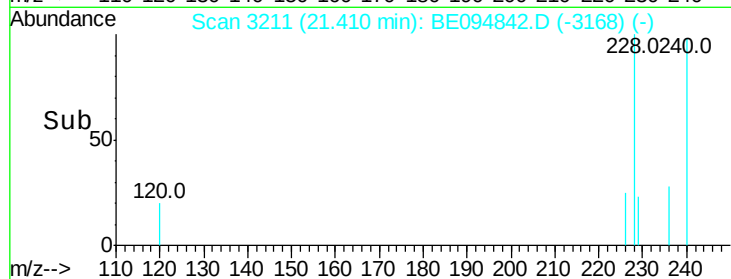
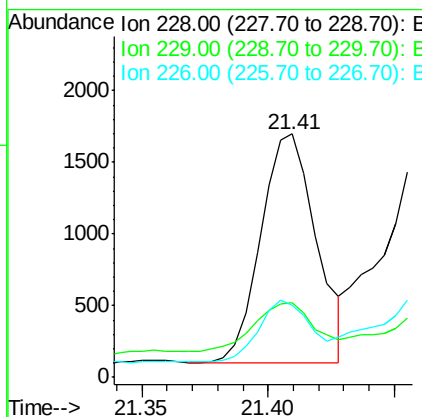
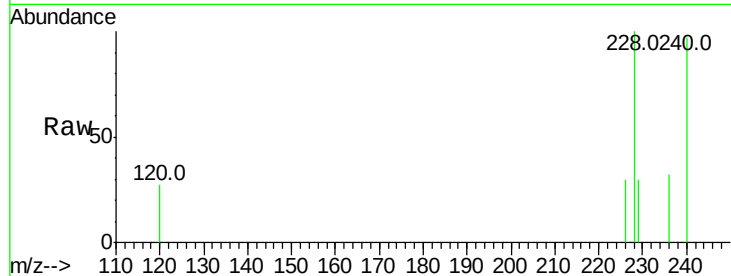
#18
Benzo(a)anthracene
Concen: 0.095 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094842.D
Acq: 22 Nov 2017 21:17

Instrument :
BNA_E
ClientSampled :
C0AA1

Tot Ion	Ratio	Lower	Upper
228	100		
229	30.4	22.8	34.2
226	29.8	17.0	25.6

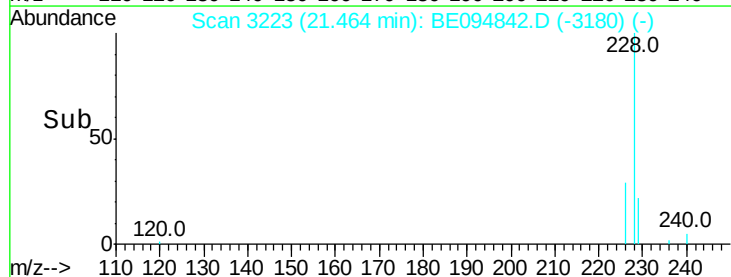
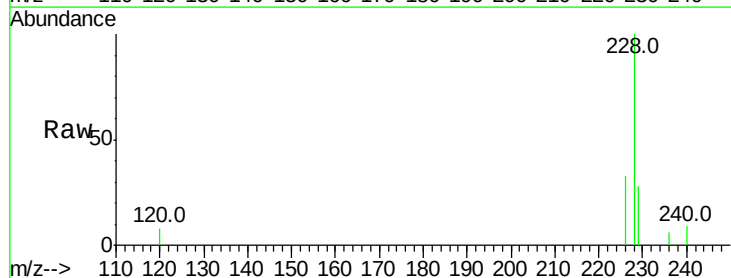
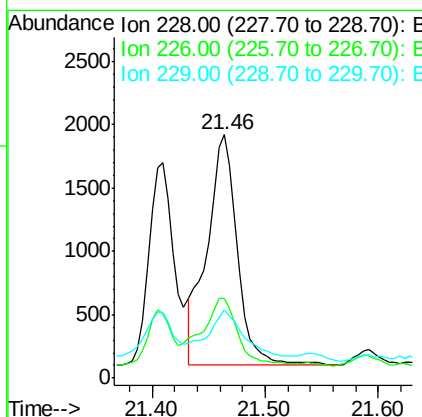
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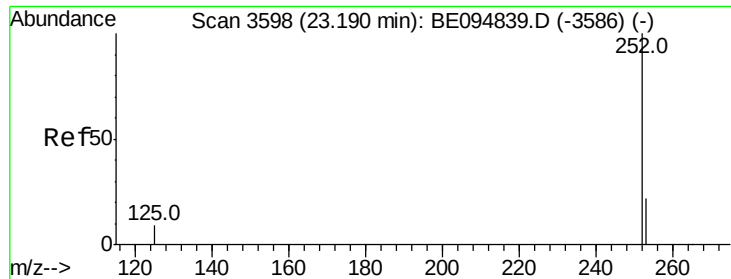
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#19
Chrysene
Concen: 0.133 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094842.D
Acq: 22 Nov 2017 21:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.4	35.0
229	27.9	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.140 ng/ul m

RT: 23.17 min Scan# 3595

Delta R.T. -0.02 min

Lab File: BE094842.D

Acq: 22 Nov 2017 21:17

Instrument :

BNA_E

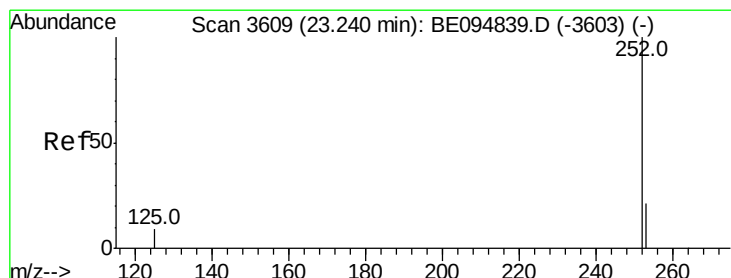
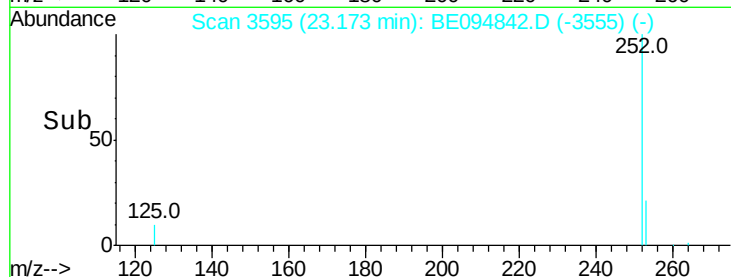
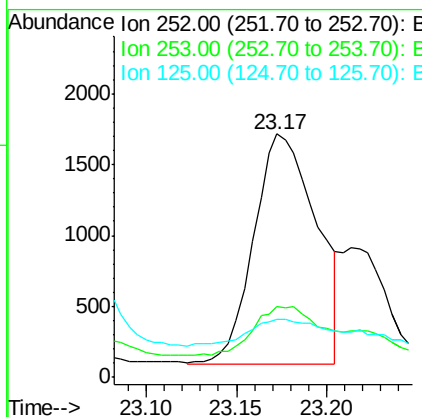
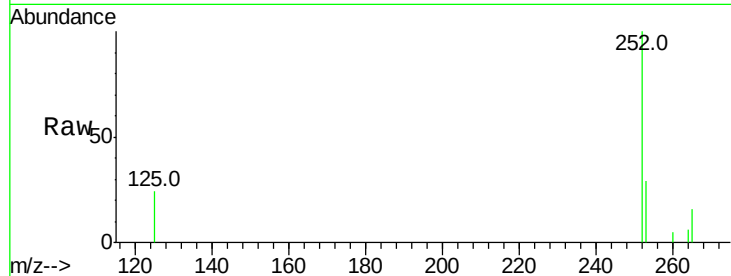
ClientSampleId :

C0AA1

Tot Ion:	252	Resp:	3948
Ion Ratio	Lower	Upper	
252	100		
253	29.0	0.0	64.2
125	23.9	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.042 ng/ul m

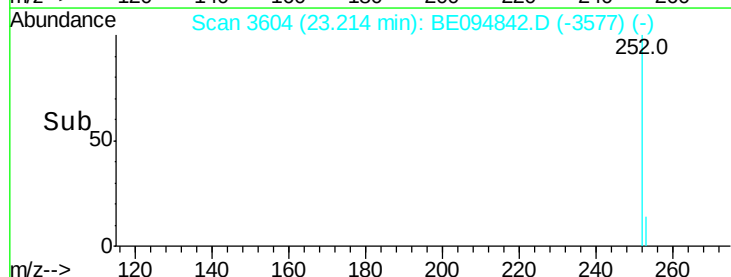
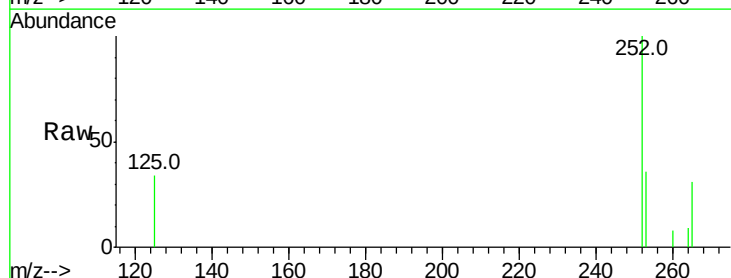
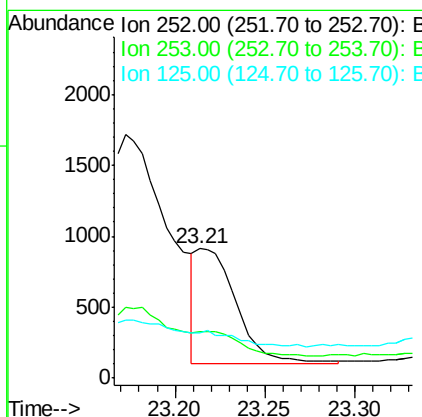
RT: 23.21 min Scan# 3604

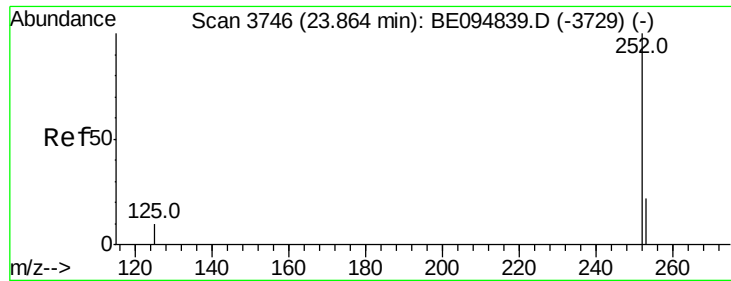
Delta R.T. -0.03 min

Lab File: BE094842.D

Acq: 22 Nov 2017 21:17

Tgt Ion:	252	Resp:	1247
Ion Ratio	Lower	Upper	
252	100		
253	35.7	24.5	36.7
125	34.4	13.7	20.5#





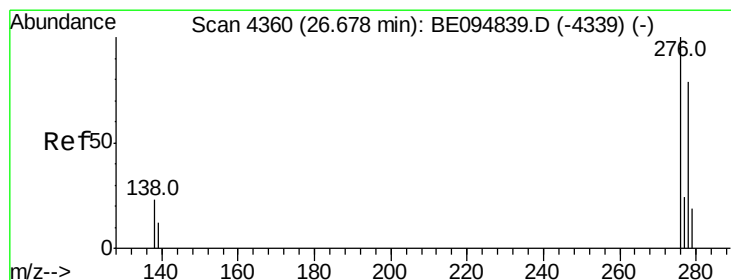
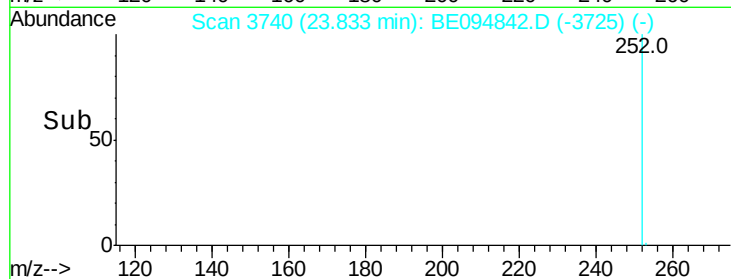
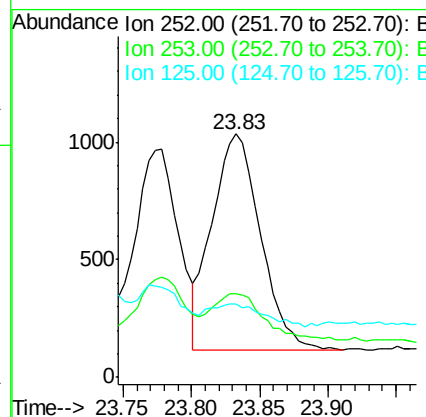
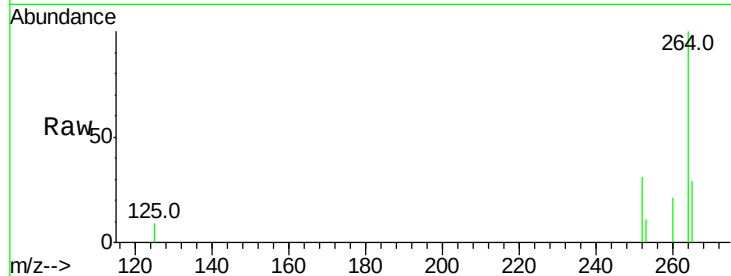
#23
Benzo(a)pyrene
Concen: 0.081 ng/ul
RT: 23.83 min Scan# 3740
Delta R.T. -0.03 min
Lab File: BE094842.D
Acq: 22 Nov 2017 21:17

Instrument :
BNA_E
ClientSampled :
C0AA1

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.1	28.5	42.7
125	30.0	18.1	27.1#

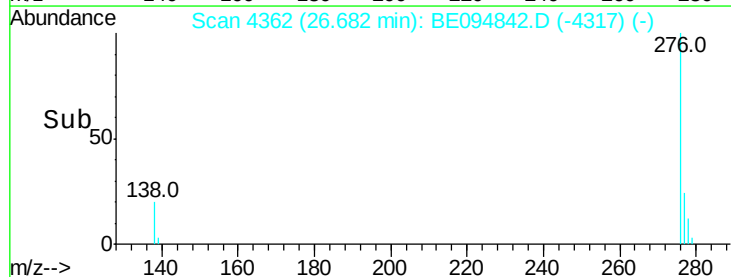
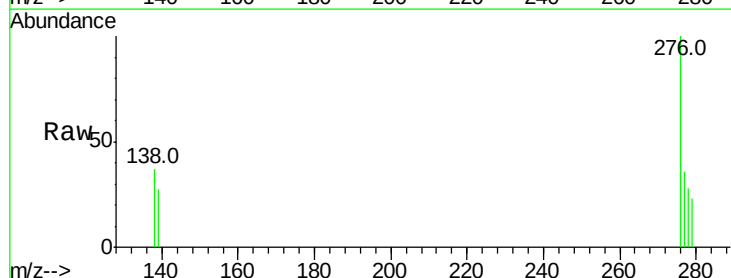
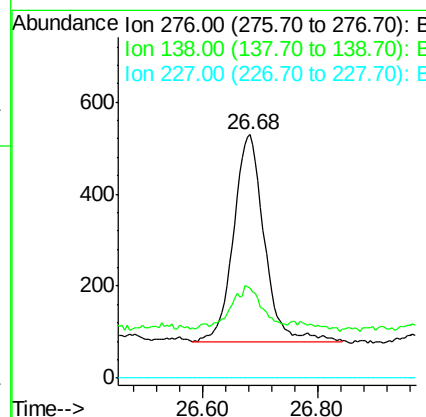
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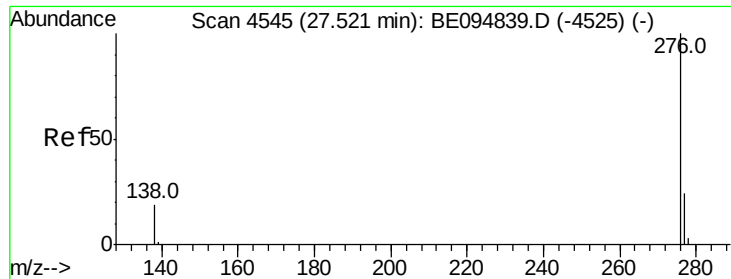
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul
RT: 26.68 min Scan# 4362
Delta R.T. 0.00 min
Lab File: BE094842.D
Acq: 22 Nov 2017 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	28.0	42.0#
227	0.0	8.0	12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.056 ng/ul

RT: 27.53 min Scan# 4547

Delta R.T. 0.00 min

Lab File: BE094842.D

Acq: 22 Nov 2017 21:17

Instrument :

BNA_E

ClientSampleId :

C0AA1

Tot Ion	Ratio	Lower	Upper
276	100		
138	42.4	21.8	32.8#
277	40.3	20.5	30.7#

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