

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096111.D
 Acq On : 24 Apr 2018 6:48
 Operator : SJ/JU
 Sample : J2434-17DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD2DL

Manual Integrations
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Quant Time: Apr 24 17:23:21 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 06:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2138	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3283	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7240	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8376	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	7154	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	422	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	1040	0.03	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.72	178	4889	0.229	ng/ul#	89
13) Anthracene	17.80	178	956	0.045	ng/ul#	92
15) Fluoranthene	19.68	202	10996	0.379	ng/ul	85
17) Pyrene	20.04	202	9799	0.344	ng/ul#	80
18) Benzo(a)anthracene	21.75	228	6726	0.199	ng/ul#	85
19) Chrysene	21.81	228	5719	0.235	ng/ul	95
21) Benzo(b)fluoranthene	23.57	252	8265m	0.357	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	2450m	0.106	ng/ul	
23) Benzo(a)pyrene	24.26	252	5327	0.238	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	27.17	276	3734	0.150	ng/ul#	76
25) Dibenzo(a,h)anthracene	27.18	278	997	0.050	ng/ul#	60
26) Benzo(g,h,i)perylene	28.05	276	3620	0.175	ng/ul	94

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

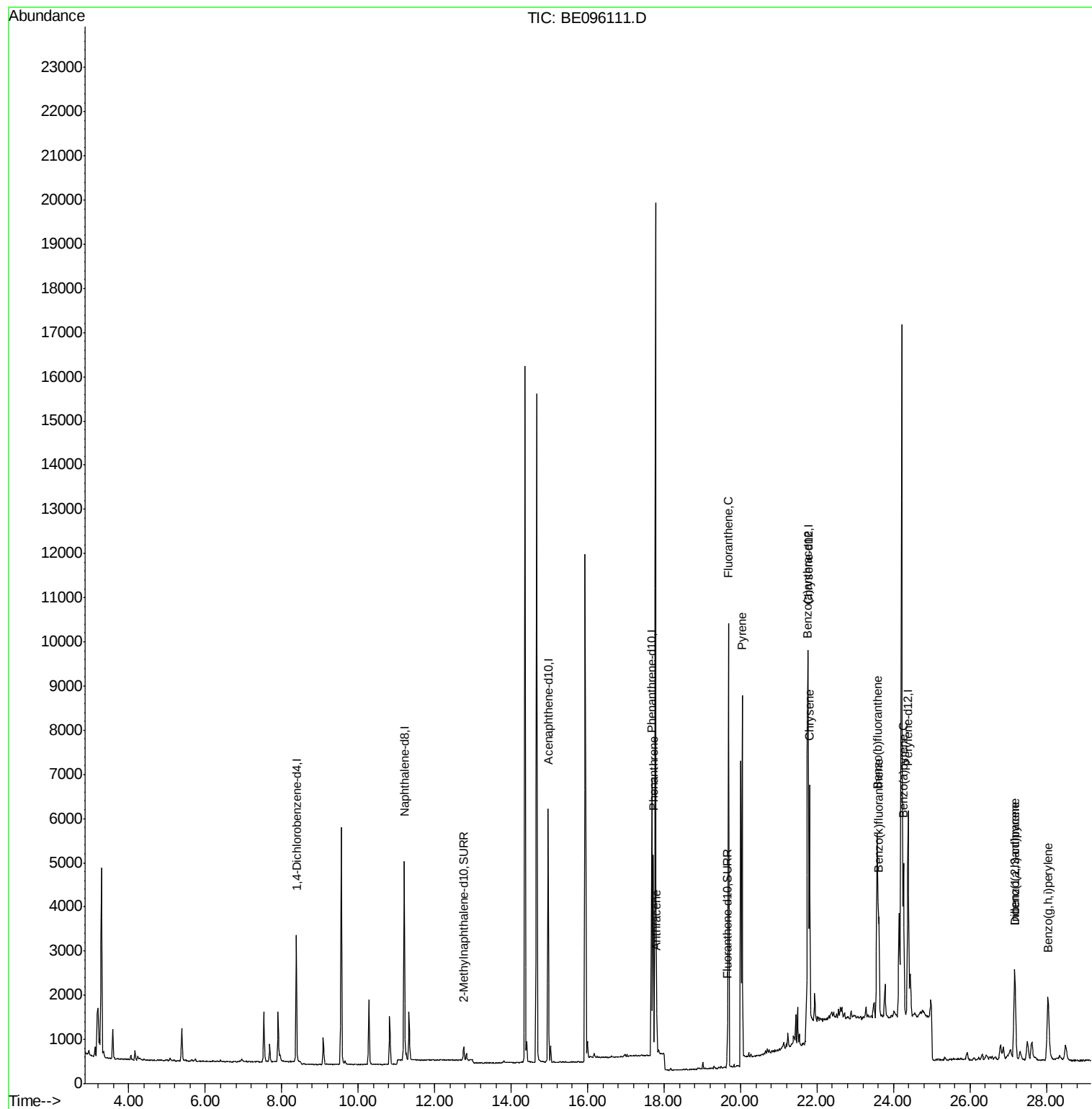
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

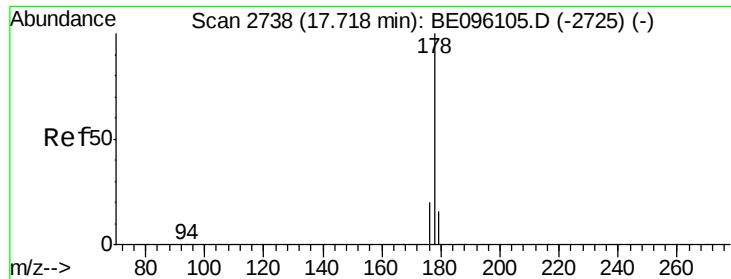
Instrument :
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ClientSampleId :
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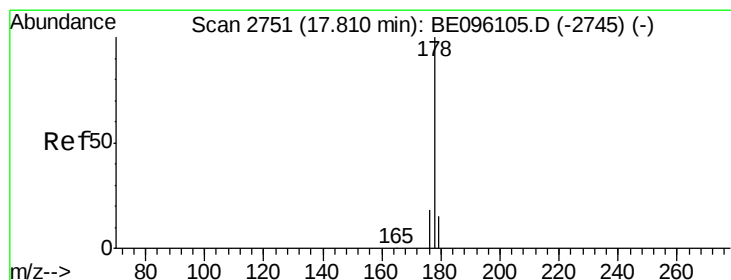
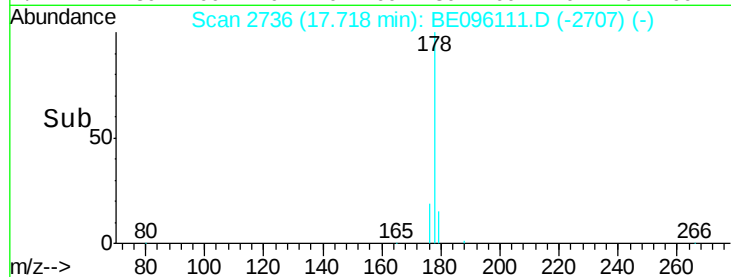
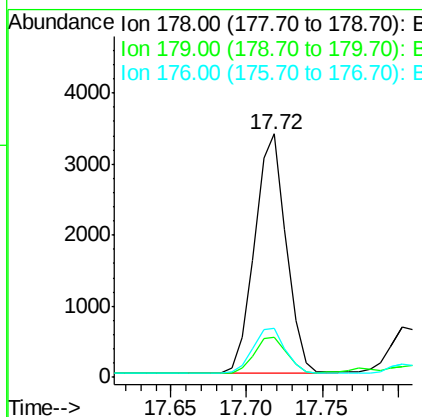
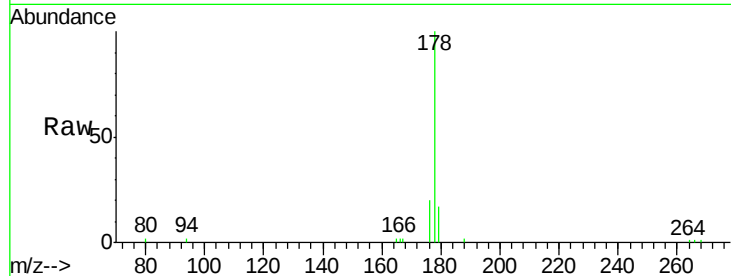
#12
Phenanthrene
Concen: 0.229 ng/ul
RT: 17.72 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BE096111.D
Acq: 24 Apr 2018 6:48

Instrument :
BNA_E
ClientSampleId :
C0AD2DL

Tot Ion:178 Resp: 4889
Ion Ratio Lower Upper
178 100
179 16.5 18.4 27.6#
176 20.0 13.6 20.4

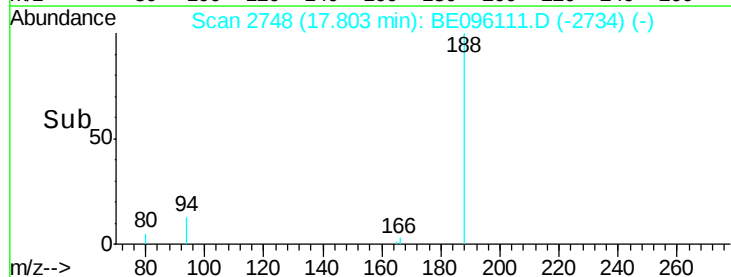
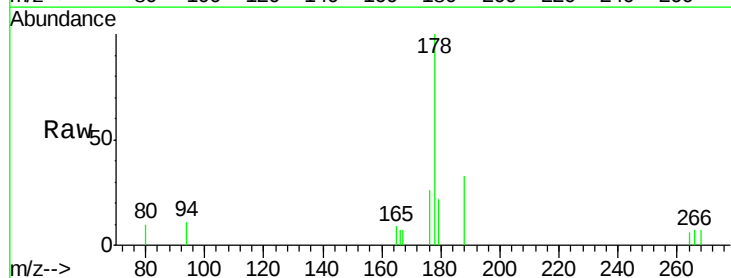
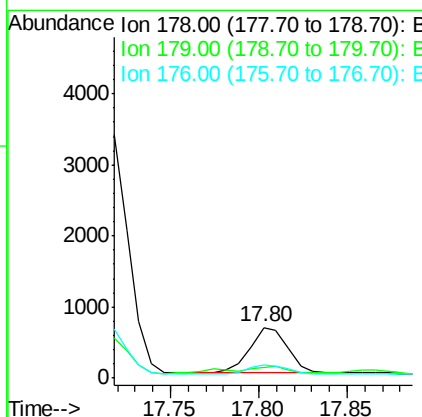
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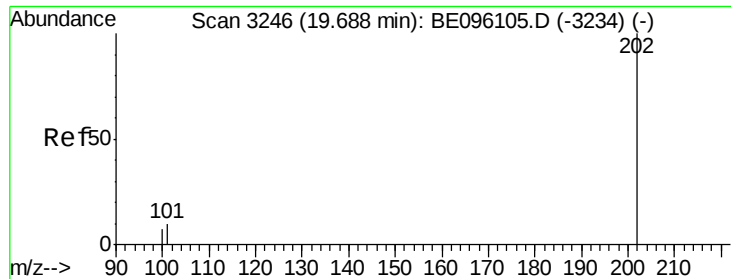
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#13
Anthracene
Concen: 0.045 ng/ul
RT: 17.80 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BE096111.D
Acq: 24 Apr 2018 6:48

Tgt Ion:178 Resp: 956
Ion Ratio Lower Upper
178 100
179 22.3 18.1 27.1
176 26.0 14.7 22.1#





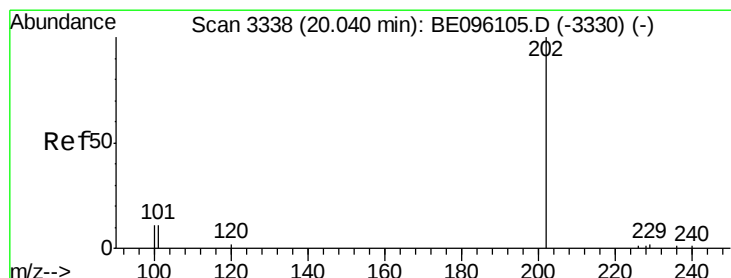
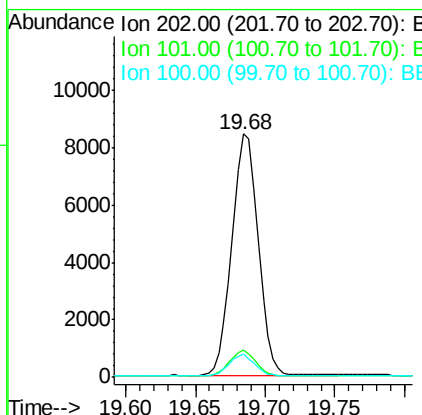
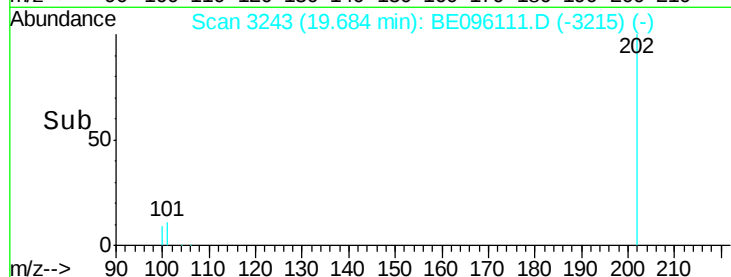
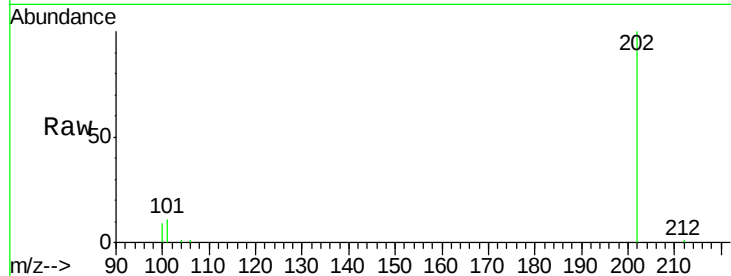
#15
Fluoranthene
 Concen: 0.379 ng/ul
 RT: 19.68 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BE096111.D
 Acq: 24 Apr 2018 6:48

Instrument :
 BNA_E
 ClientSampleId :
 C0AD2DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	30.3
100	9.5	0.0	39.5

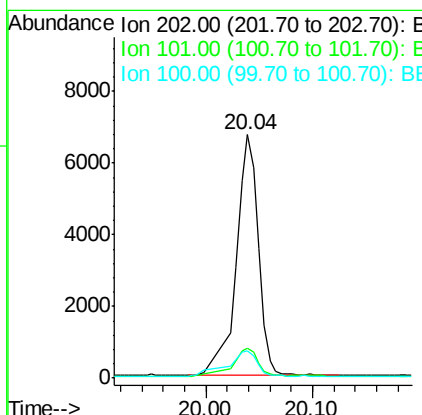
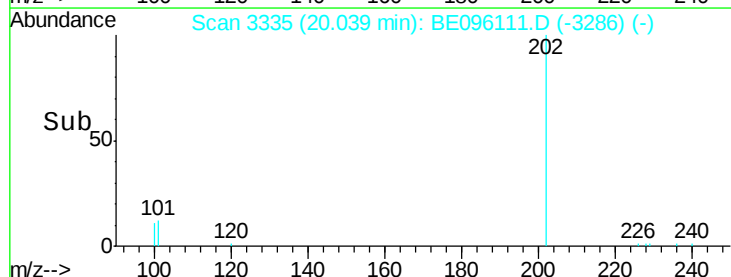
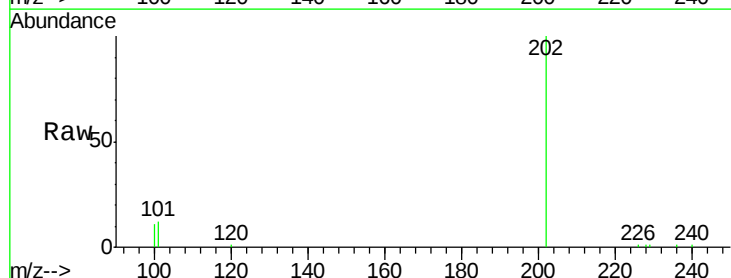
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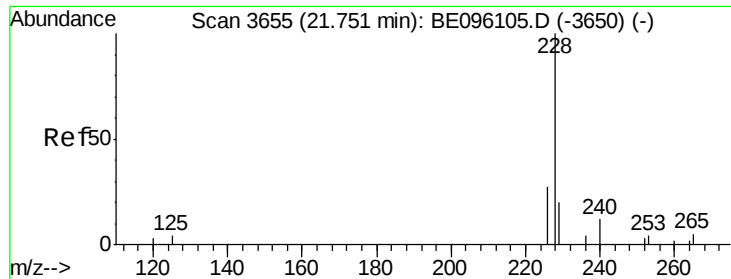
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#17
Pyrene
 Concen: 0.344 ng/ul
 RT: 20.04 min Scan# 3335
 Delta R.T. -0.00 min
 Lab File: BE096111.D
 Acq: 24 Apr 2018 6:48

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	11.2	15.6	23.4#





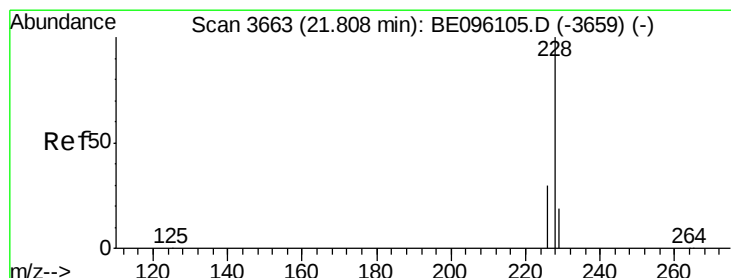
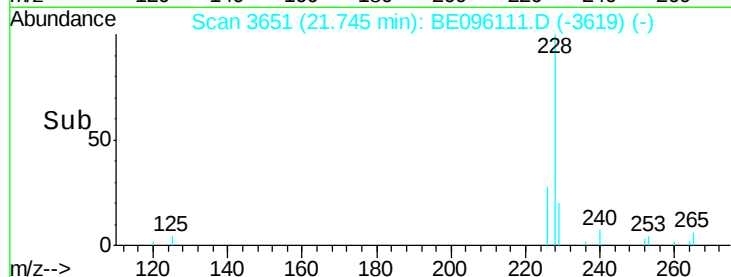
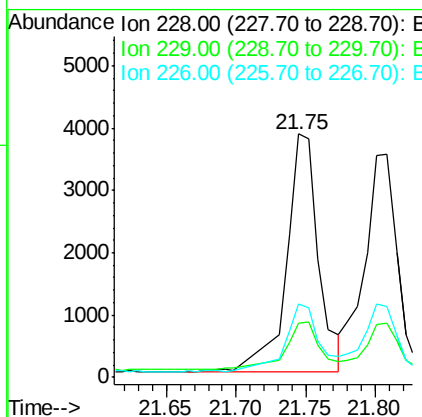
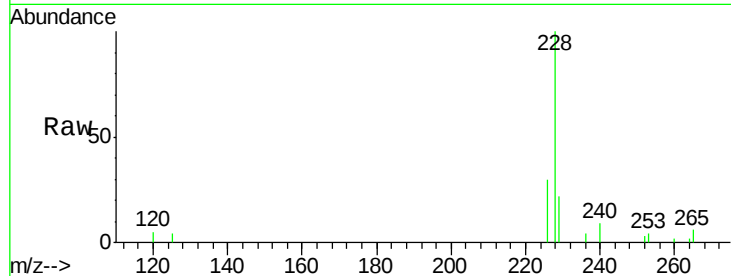
#18
Benzo(a)anthracene
Concen: 0.199 ng/ul
RT: 21.75 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BE096111.D
Acq: 24 Apr 2018 6:48

Instrument :
BNA_E
ClientSampled :
C0AD2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.3	22.8	34.2#
226	30.3	17.0	25.6#

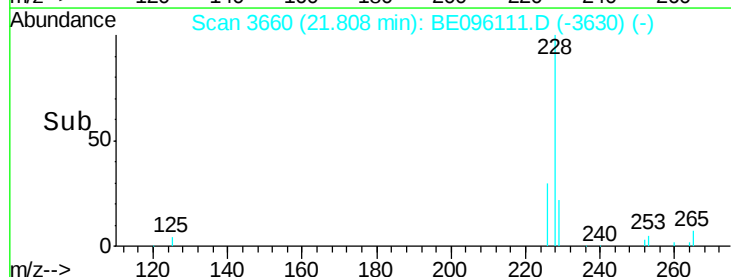
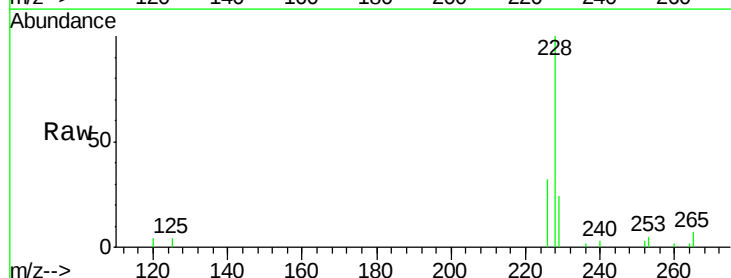
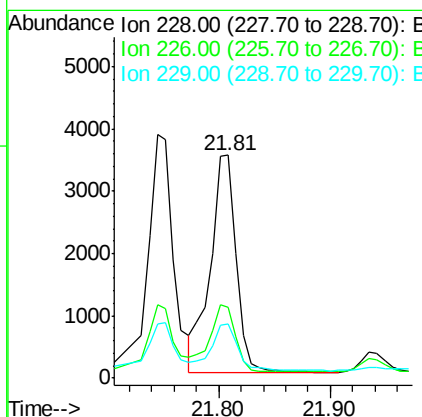
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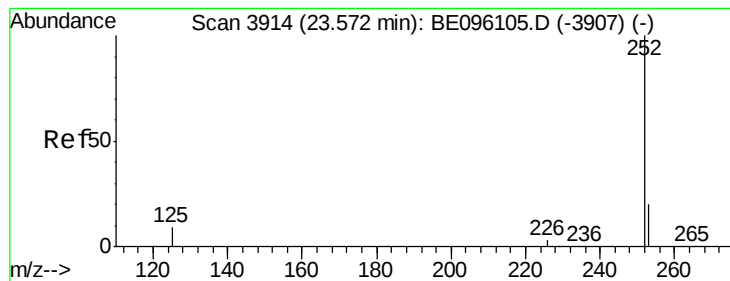
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#19
Chrysene
Concen: 0.235 ng/ul
RT: 21.81 min Scan# 3660
Delta R.T. 0.01 min
Lab File: BE096111.D
Acq: 24 Apr 2018 6:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	24.4	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.357 ng/ul m

RT: 23.57 min Scan# 3911

Delta R.T. 0.01 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

Instrument :

BNA_E

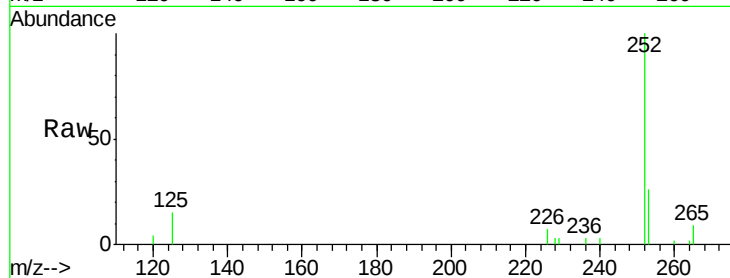
ClientSampleId :

C0AD2DL

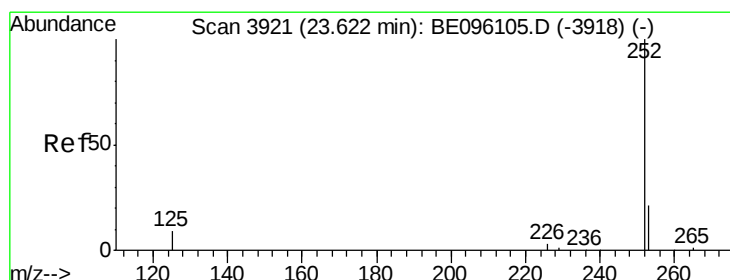
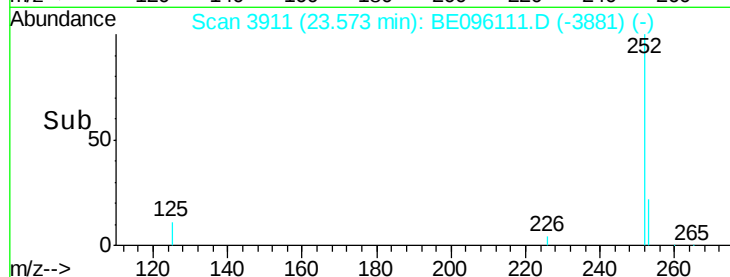
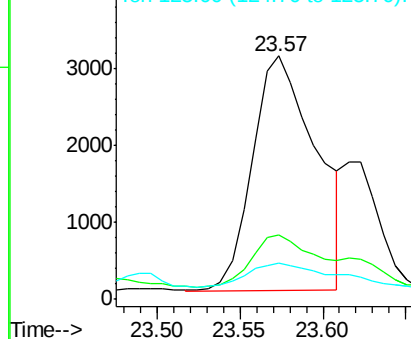
Tot Ion:	252	Resp:	8265
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	64.2
125	15.1	0.0	35.0

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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



#22

Benzo(k)fluoranthene

Concen: 0.106 ng/ul m

RT: 23.62 min Scan# 3918

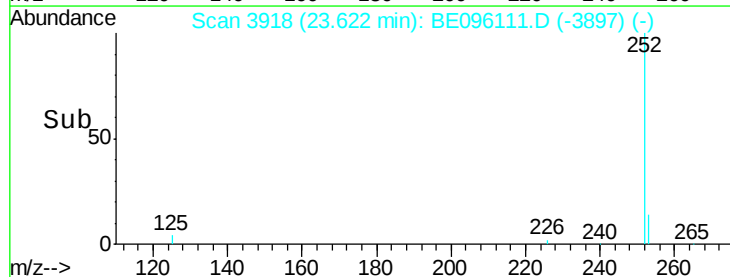
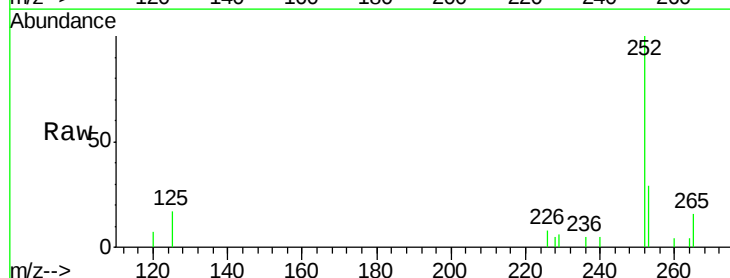
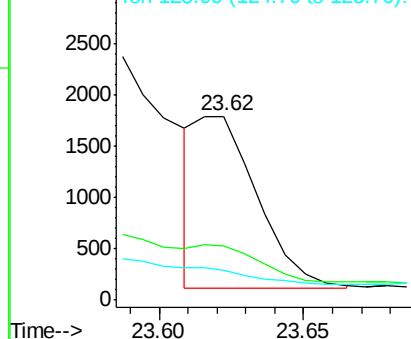
Delta R.T. 0.00 min

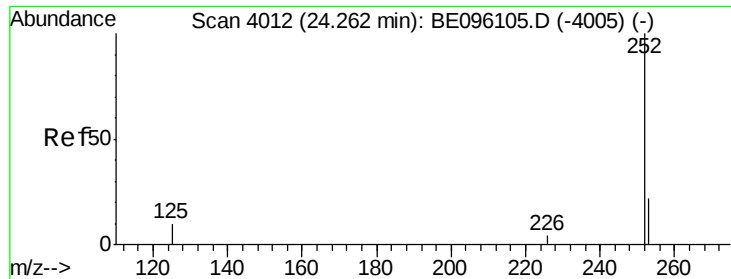
Lab File: BE096111.D

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Tgt Ion:	252	Resp:	2450
Ion Ratio	Lower	Upper	
252	100		
253	29.2	24.5	36.7
125	16.5	13.7	20.5

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: 0.238 ng/ul

RT: 24.26 min Scan# 4009

Delta R.T. 0.00 min

Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

Instrument :

BNA_E

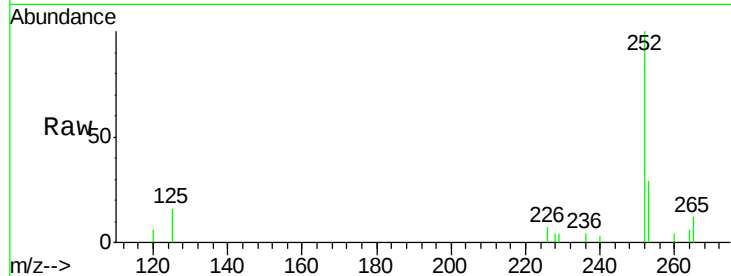
ClientSampleId :

C0AD2DL

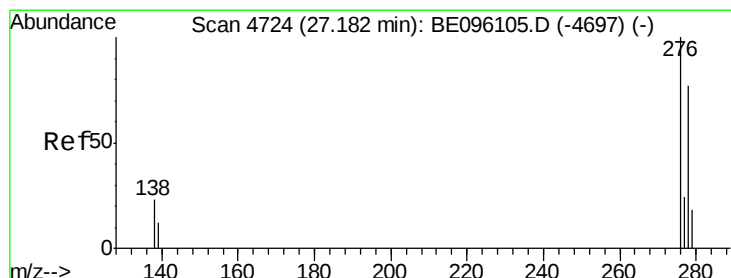
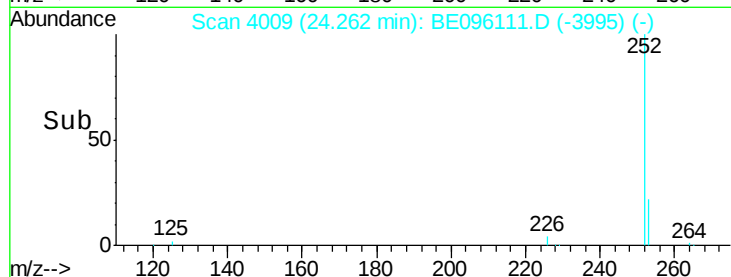
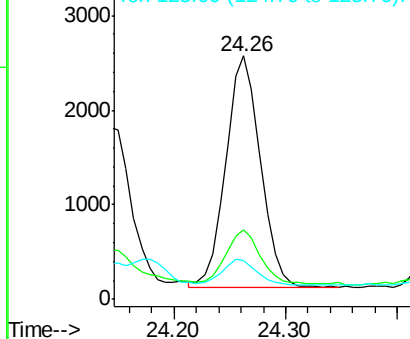
Tot Ion:	252	Resp:	5327
Ion Ratio	Lower	Upper	
252	100		
253	28.5	28.5	42.7
125	16.2	18.1	27.1#

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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.150 ng/ul

RT: 27.17 min Scan# 4718

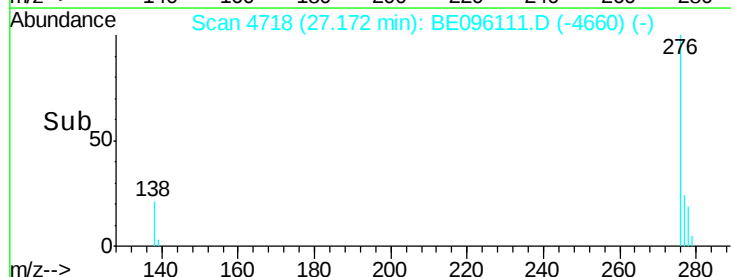
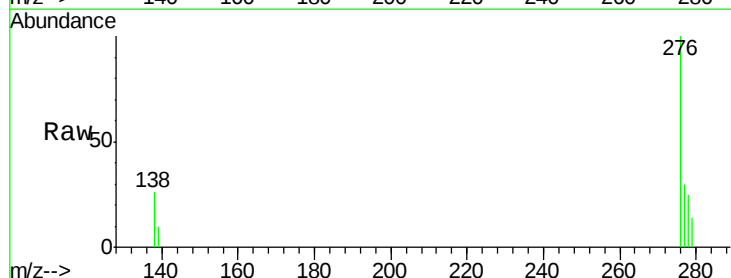
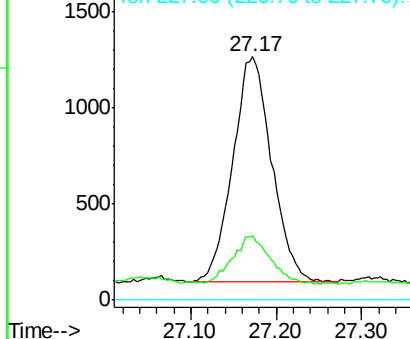
Delta R.T. 0.01 min

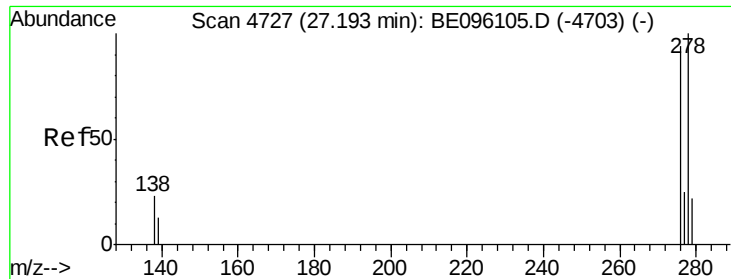
Lab File: BE096111.D

Acq: 24 Apr 2018 6:48

Tgt Ion:	276	Resp:	3734
Ion Ratio	Lower	Upper	
276	100		
138	21.3	28.0	42.0#
227	0.0	8.0	12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





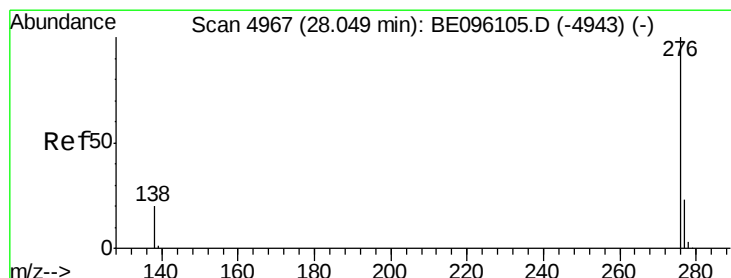
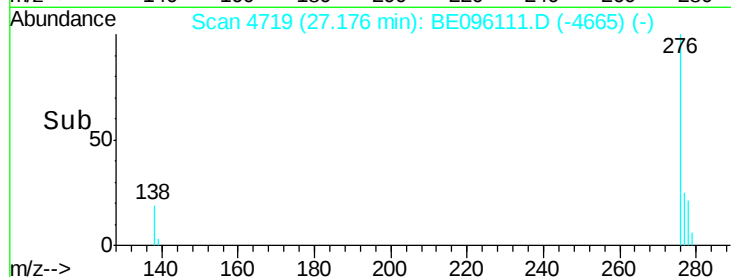
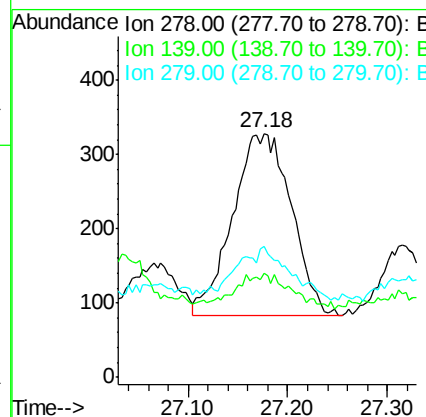
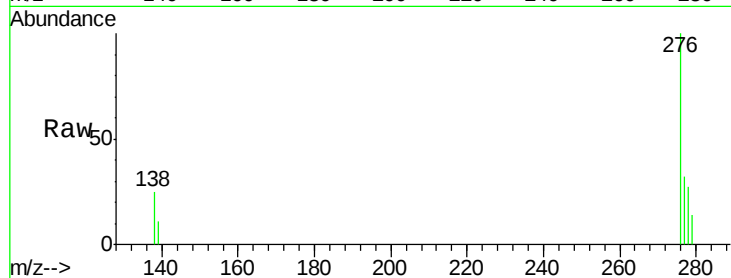
#25
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 27.18 min Scan# 4719
Delta R.T. -0.01 min
Lab File: BE096111.D
Acq: 24 Apr 2018 6:48

Instrument :
BNA_E
ClientSampleId :
C0AD2DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	42.7	17.4	26.0#
279	53.7	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 28.05 min Scan# 4963
Delta R.T. 0.01 min
Lab File: BE096111.D
Acq: 24 Apr 2018 6:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.8	32.8
277	28.9	20.5	30.7

