

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
 Data File : BE096204.D
 Acq On : 27 Apr 2018 12:46
 Operator : SJ/JU
 Sample : J2449-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD6DL

Manual Integrations
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Quant Time: Apr 28 00:13:12 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 23:57:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	645	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2476	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1379	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3339	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	4212	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3817	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	285	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	841	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.67	152	296	0.042	ng/ul#	63
8) Acenaphthene	15.01	153	126	0.025	ng/ul#	81
9) Fluorene	15.97	166	224	0.033	ng/ul#	84
12) Phenanthrene	17.70	178	4447	0.452	ng/ul#	89
13) Anthracene	17.79	178	923	0.094	ng/ul#	93
15) Fluoranthene	19.67	202	10589	0.705	ng/ul	84
17) Pyrene	20.02	202	4129	0.489	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	3143	0.246	ng/ul#	87
19) Chrysene	21.79	228	4695	0.401	ng/ul	95
21) Benzo(b)fluoranthene	23.54	252	6579m	0.455	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	1767m	0.128	ng/ul	
23) Benzo(a)pyrene	24.23	252	4216	0.336	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	27.13	276	2693	0.159	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.14	278	704	0.050	ng/ul#	67
26) Benzo(g,h,i)perylene	27.99	276	2266	0.154	ng/ul#	93

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

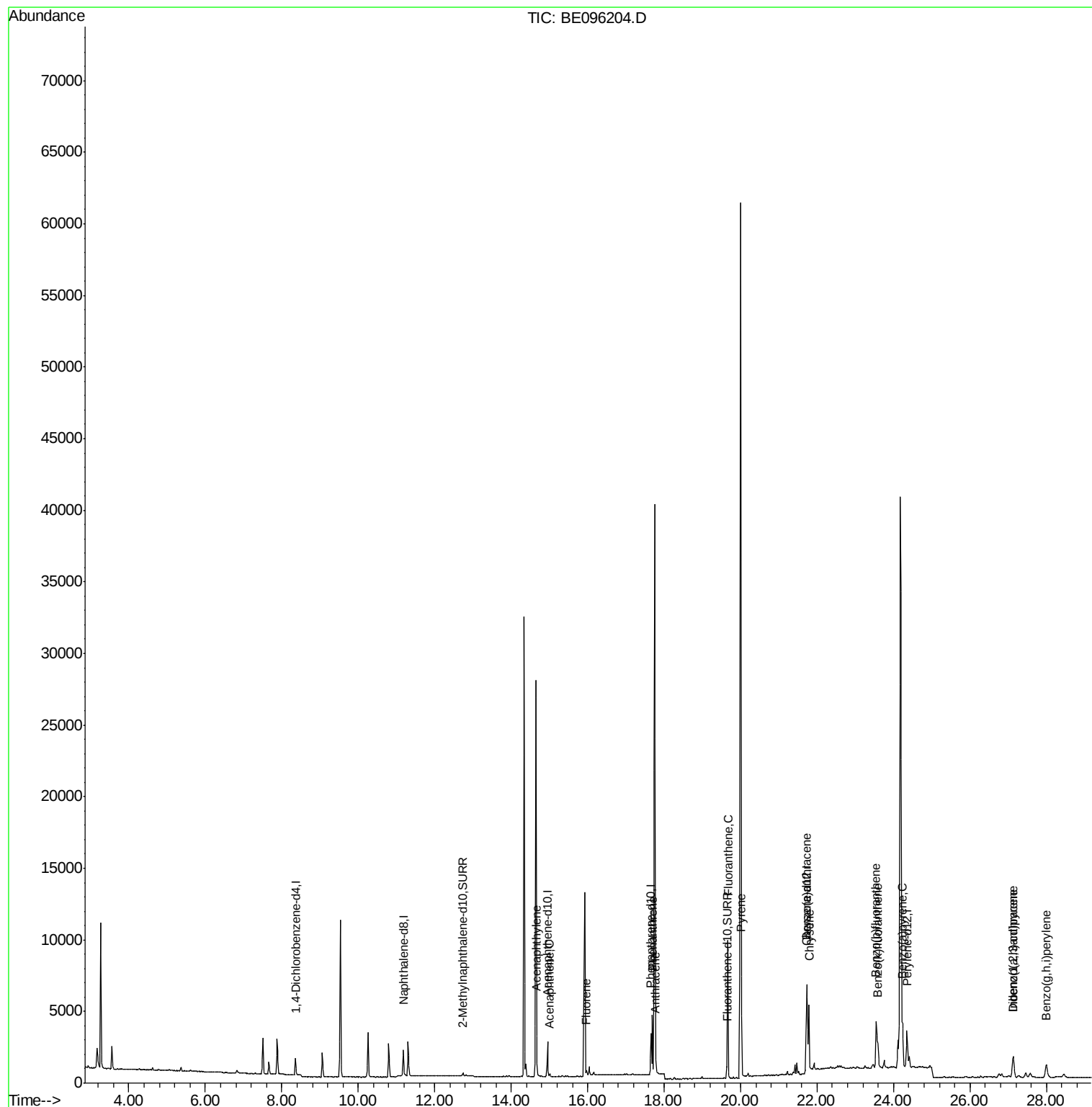
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

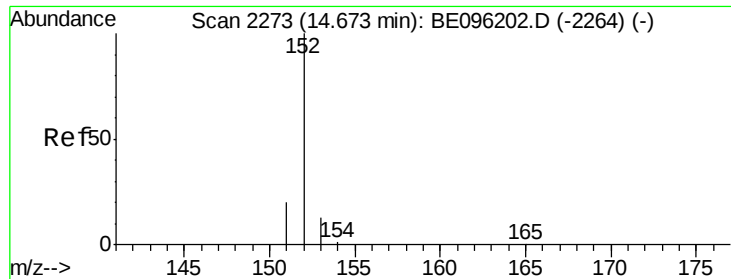
Instrument :
BNA_E
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Quant Time: Apr 28 00:13:12 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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QLast Update : Fri Apr 27 23:57:47 2018
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#7

Acenaphthylene

Concen: 0.042 ng/ul

RT: 14.67 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096204.D

Acq: 27 Apr 2018 12:46

Instrument :

BNA_E

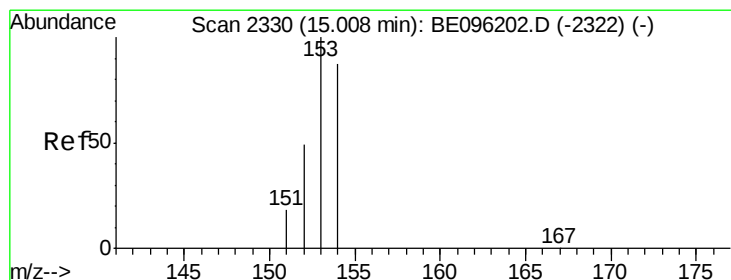
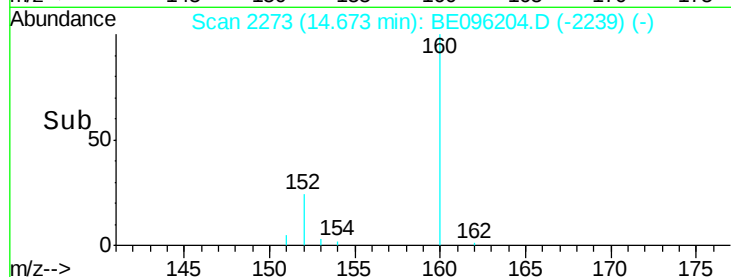
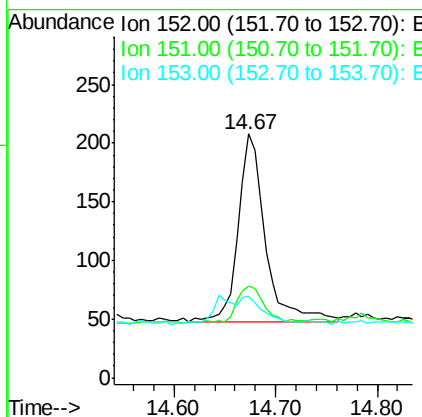
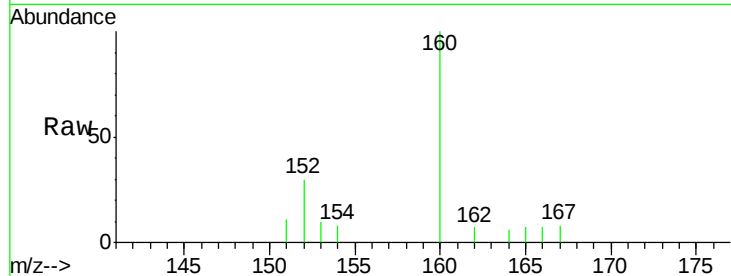
ClientSampled :

C0AD6DL

Tot Ion:	152	Resp:	296
Ion Ratio	Lower	Upper	
152	100		
151	37.5	17.1	25.7#
153	33.2	12.8	19.2#

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#8

Acenaphthene

Concen: 0.025 ng/ul

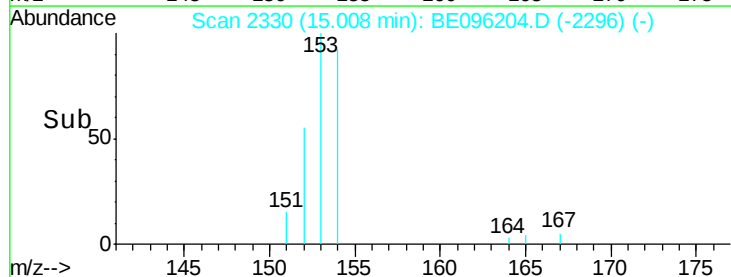
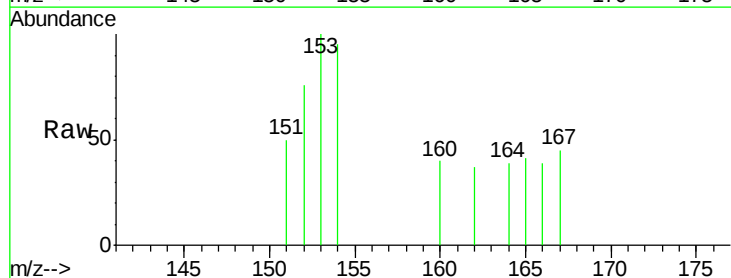
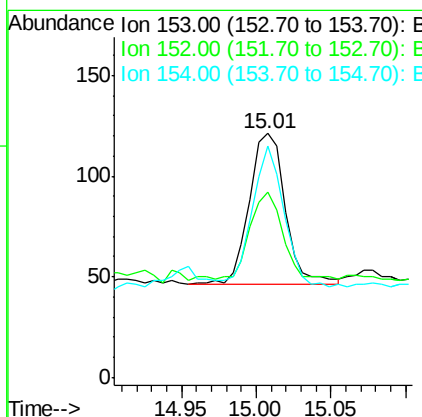
RT: 15.01 min Scan# 2330

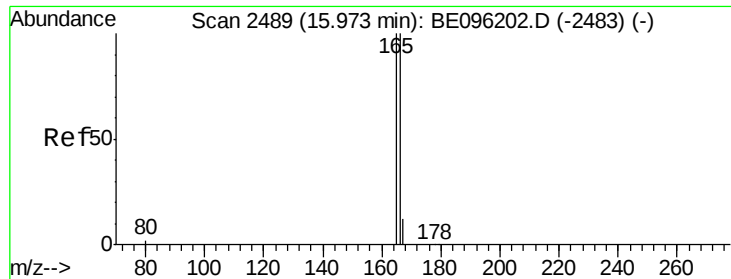
Delta R.T. 0.00 min

Lab File: BE096204.D

Acq: 27 Apr 2018 12:46

Tgt Ion:	153	Resp:	126
Ion Ratio	Lower	Upper	
153	100		
152	76.0	36.0	54.0#
154	95.0	72.0	108.0





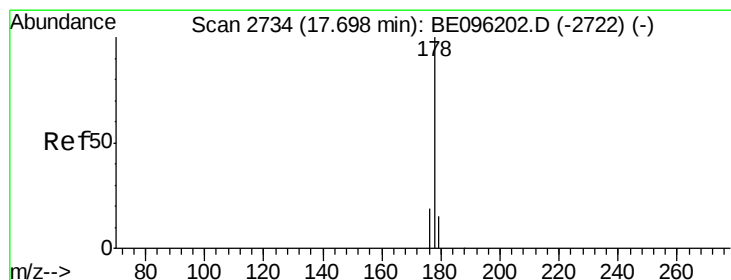
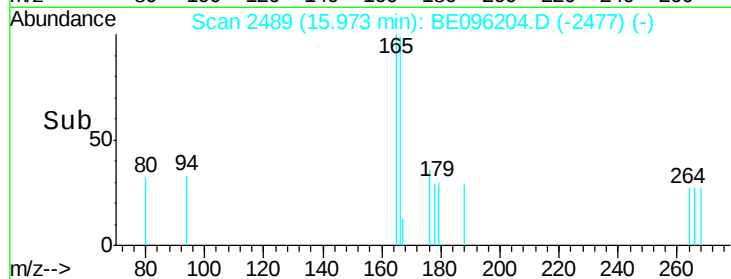
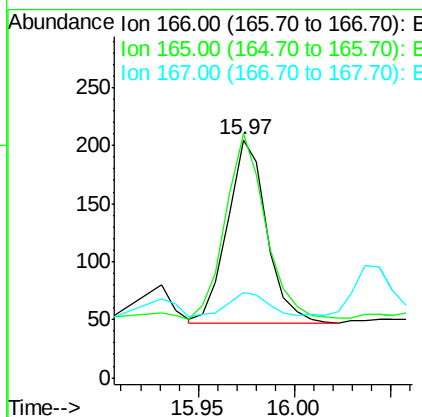
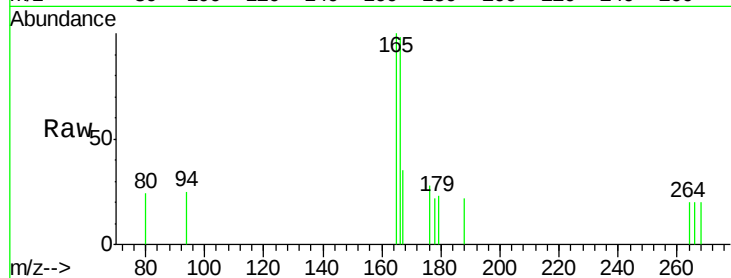
#9
Fluorene
 Concen: 0.033 ng/ul
 RT: 15.97 min Scan# 2489
 Delta R.T. -0.00 min
 Lab File: BE096204.D
 Acq: 27 Apr 2018 12:46

Instrument :
 BNA_E
 ClientSampleId :
 C0AD6DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.4	73.4	110.2
167	35.6	14.6	22.0

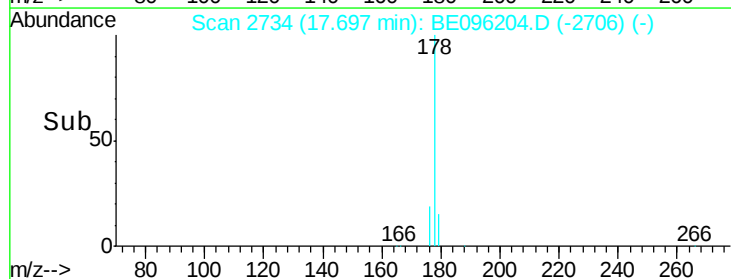
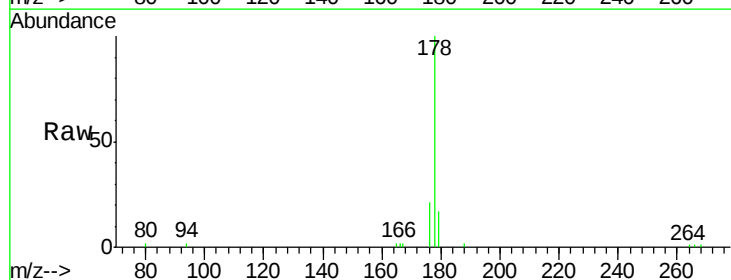
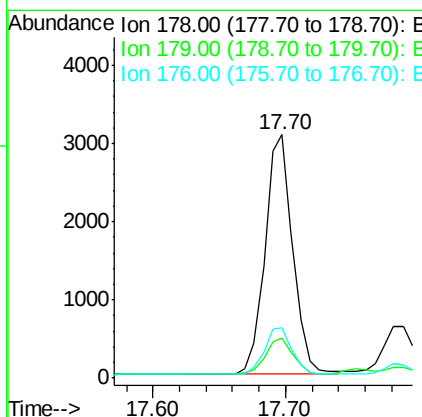
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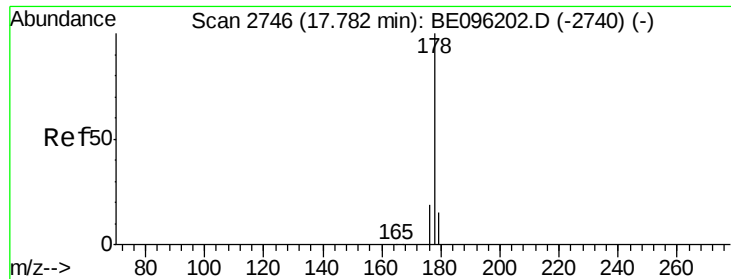
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#12
Phenanthrene
 Concen: 0.452 ng/ul
 RT: 17.70 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: BE096204.D
 Acq: 27 Apr 2018 12:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.4	27.6
176	20.6	13.6	20.4





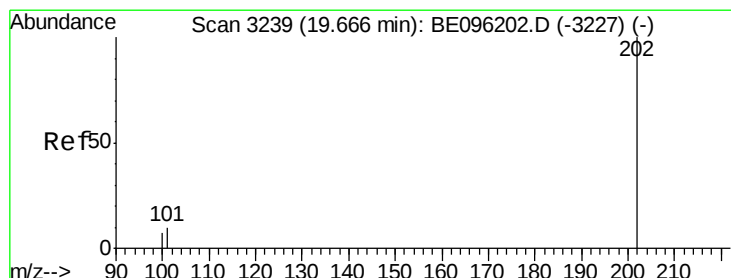
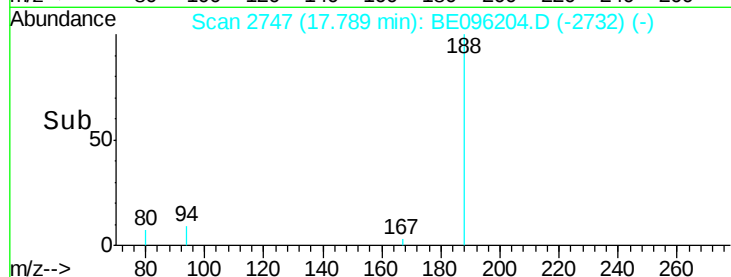
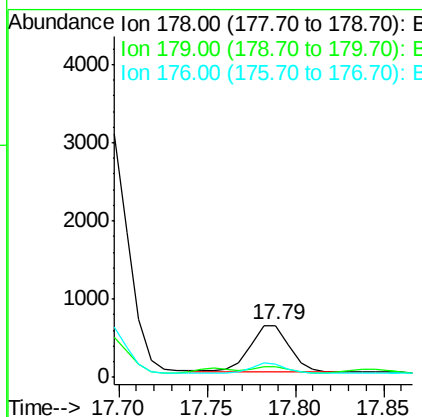
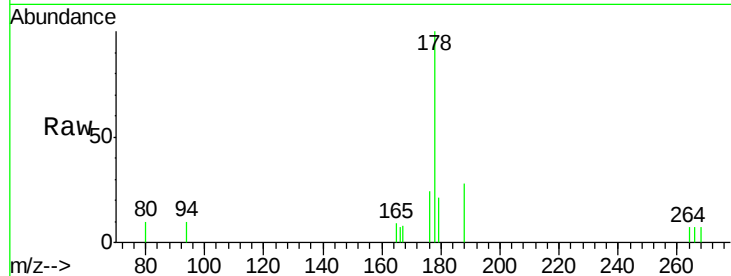
#13
 Anthracene
 Concen: 0.094 ng/ul
 RT: 17.79 min Scan# 2747
 Delta R.T. 0.01 min
 Lab File: BE096204.D
 Acq: 27 Apr 2018 12:46

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	21.3	18.1	27.1
176	24.3	14.7	22.1

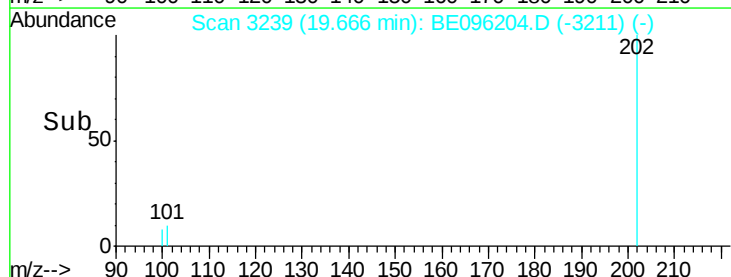
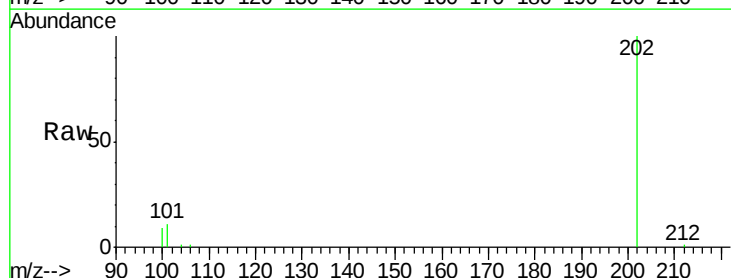
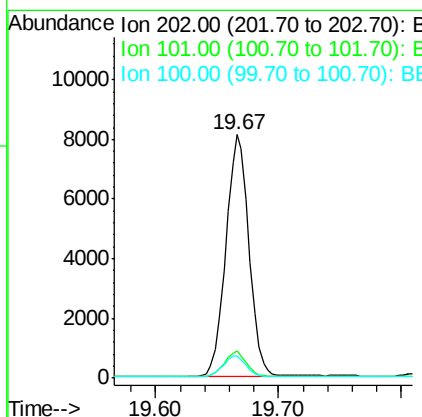
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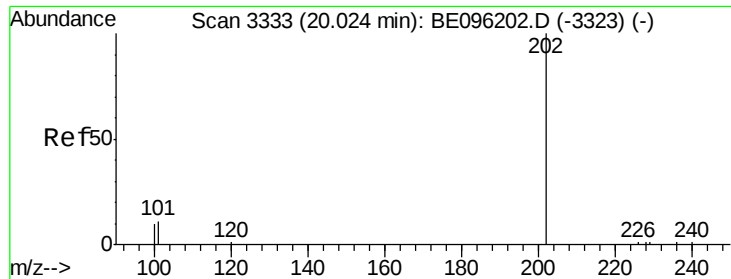
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#15
 Fluoranthene
 Concen: 0.705 ng/ul
 RT: 19.67 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: BE096204.D
 Acq: 27 Apr 2018 12:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
100	9.0	0.0	39.5





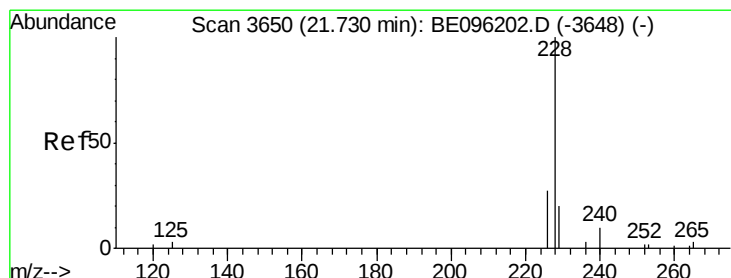
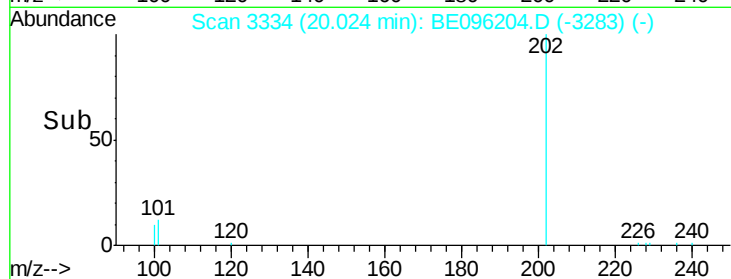
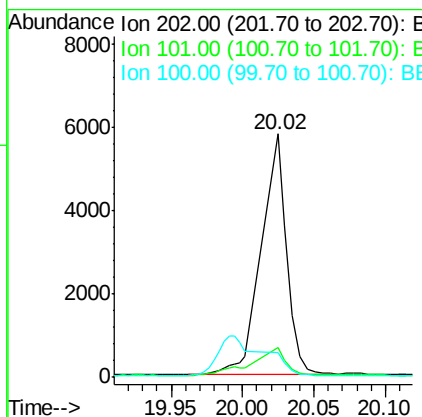
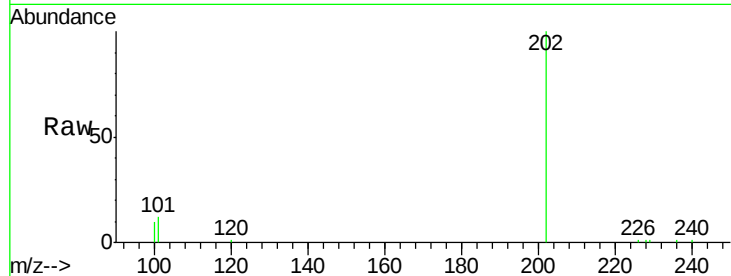
#17
Pvrene
Concen: 0.489 ng/ul
RT: 20.02 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BE096204.D
Acq: 27 Apr 2018 12:46

Instrument :
BNA_E
ClientSampleId :
C0AD6DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.3	15.6	23.4#

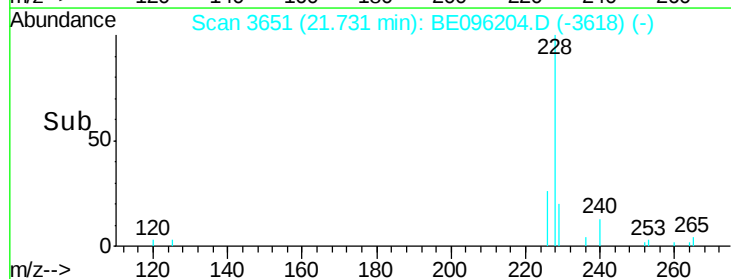
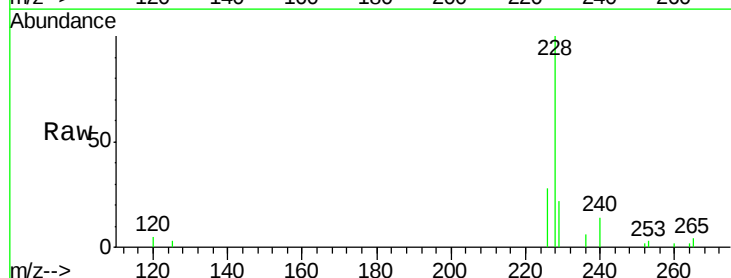
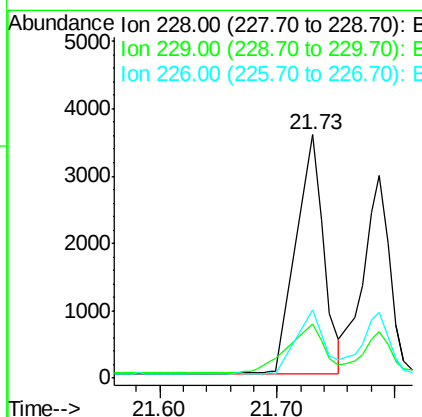
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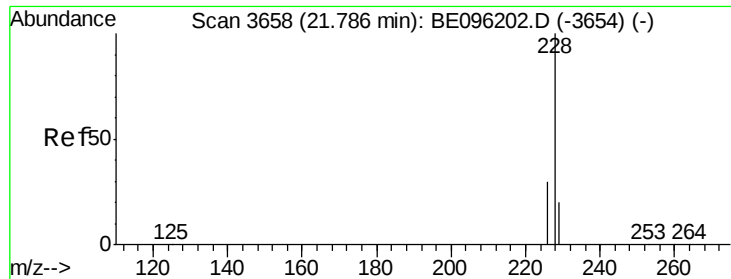
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#18
Benzo(a)anthracene
Concen: 0.246 ng/ul
RT: 21.73 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BE096204.D
Acq: 27 Apr 2018 12:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.5	22.8	34.2#
226	28.0	17.0	25.6#





#19

Chrysene

Concen: 0.401 ng/ul

RT: 21.79 min Scan# 3659

Delta R.T. 0.00 min

Lab File: BE096204.D

Acq: 27 Apr 2018 12:46

Instrument :

BNA_E

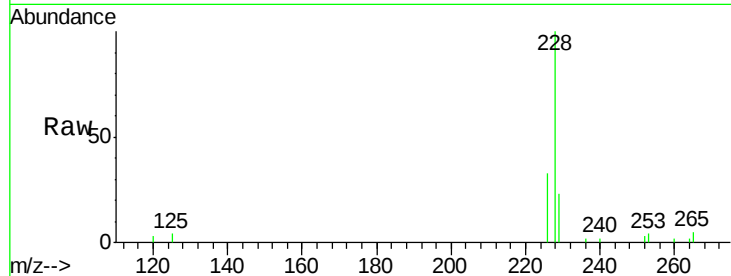
ClientSampleId :

C0AD6DL

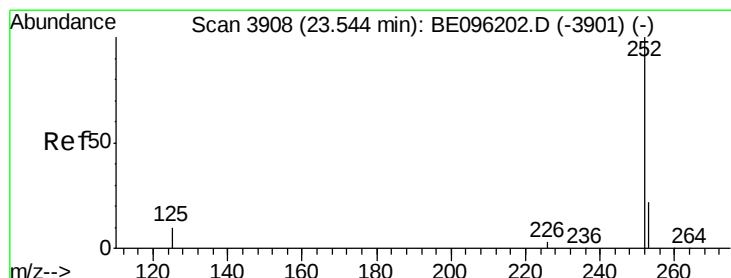
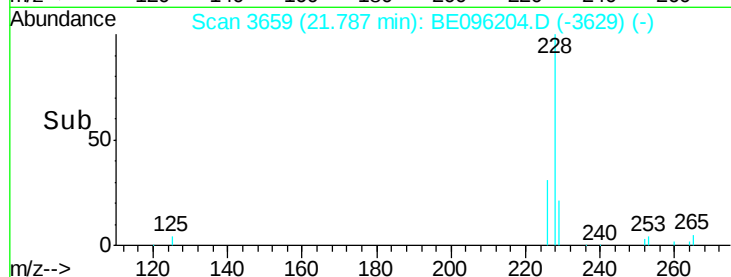
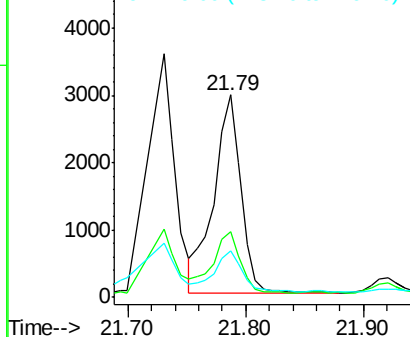
Tot Ion:	228	Resp:	4695
Ion Ratio	Lower	Upper	
228	100		
226	32.6	23.4	35.0
229	23.2	17.7	26.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.455 ng/ul m

RT: 23.54 min Scan# 3909

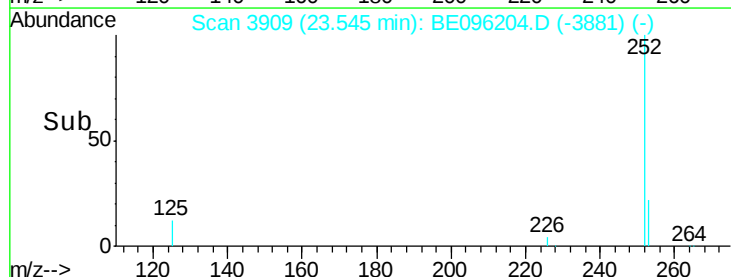
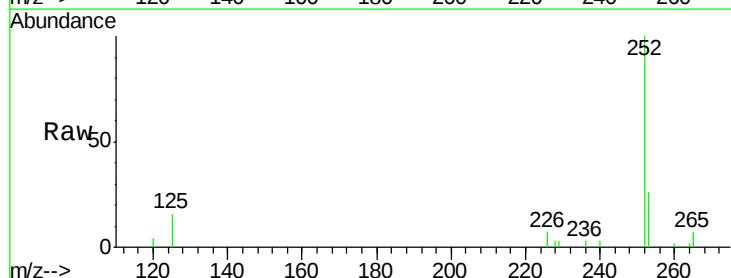
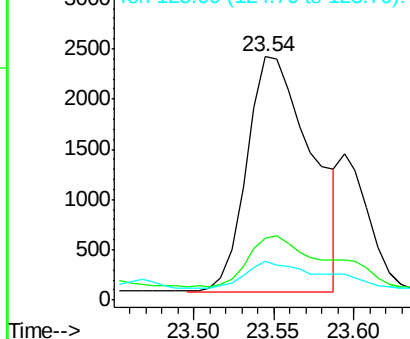
Delta R.T. 0.00 min

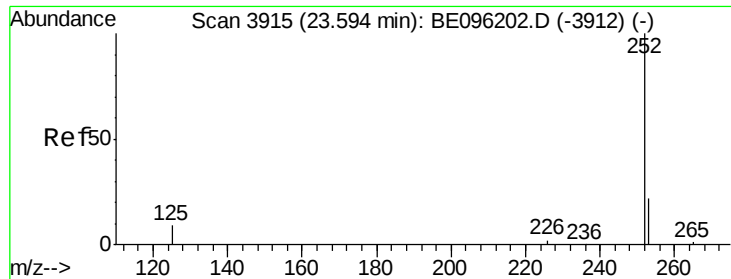
Lab File: BE096204.D

Acq: 27 Apr 2018 12:46

Tgt Ion:	252	Resp:	6579
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	64.2
125	16.0	0.0	35.0

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: 0.128 ng/ul m

RT: 23.59 min Scan# 3916

Delta R.T. 0.00 min

Lab File: BE096204.D

Acq: 27 Apr 2018 12:46

Instrument :

BNA_E

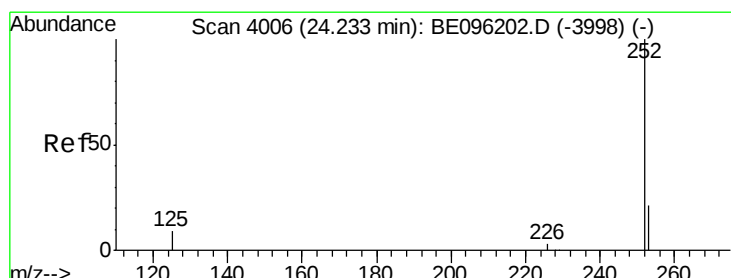
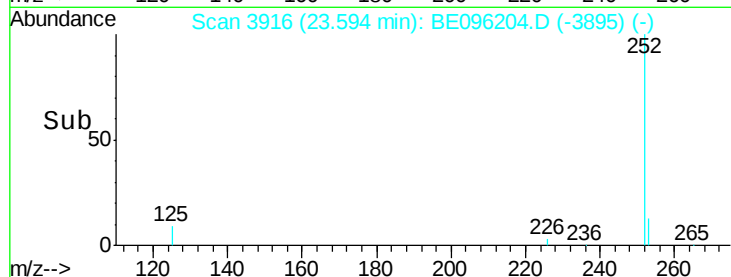
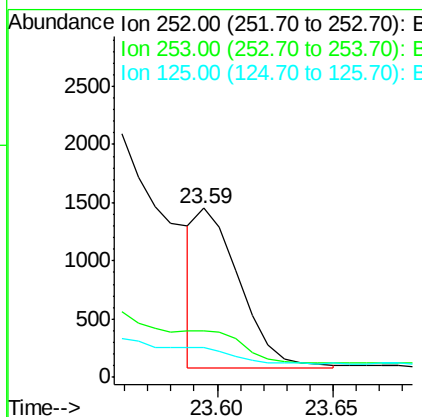
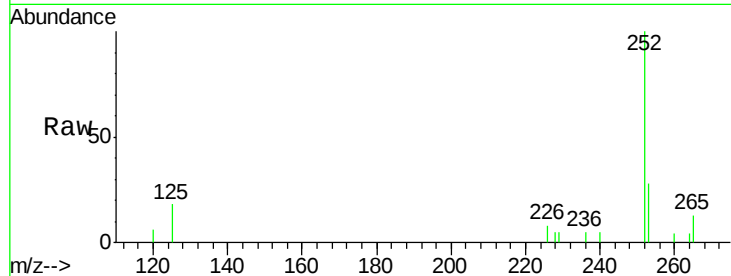
ClientSampleId :

C0AD6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	24.5	36.7
125	17.7	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.336 ng/ul

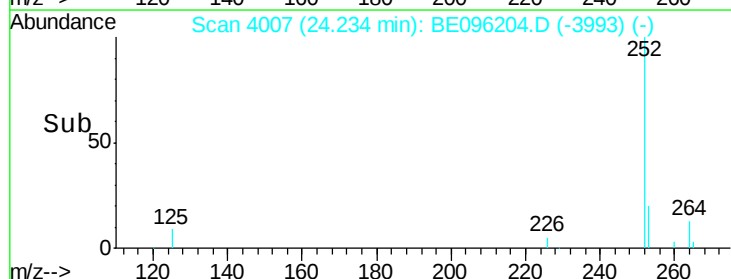
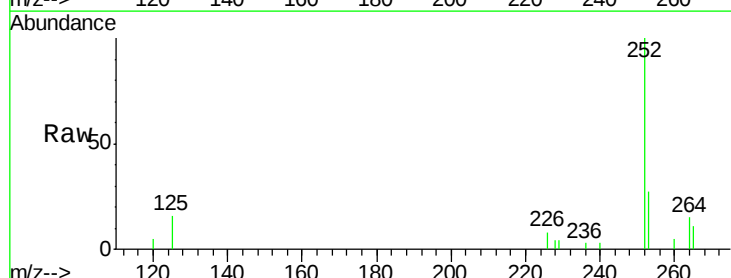
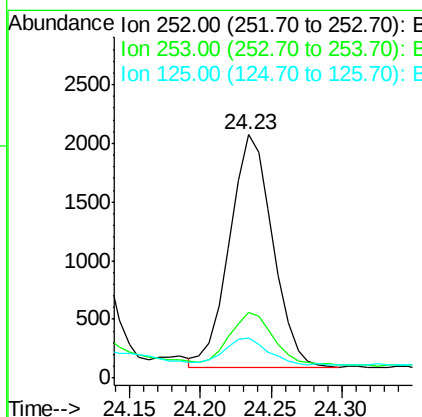
RT: 24.23 min Scan# 4007

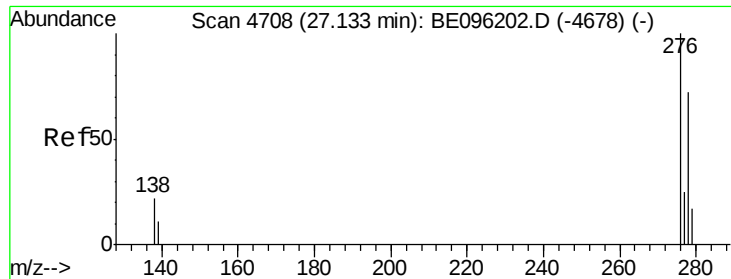
Delta R.T. 0.00 min

Lab File: BE096204.D

Acq: 27 Apr 2018 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	28.5	42.7#
125	16.4	18.1	27.1#





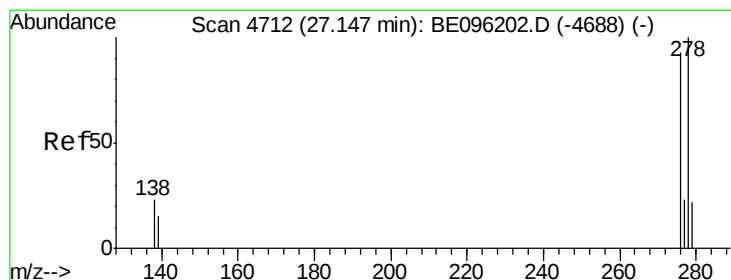
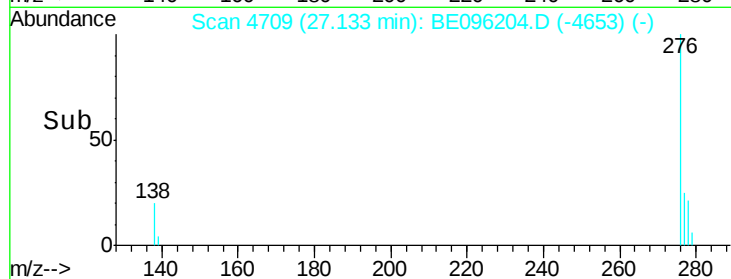
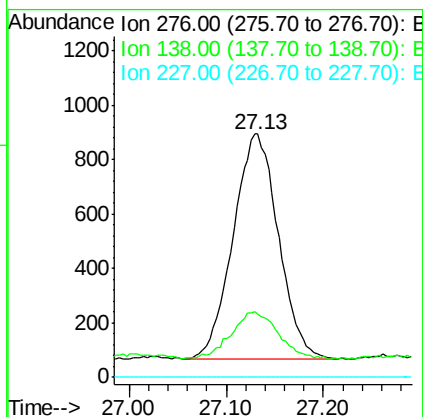
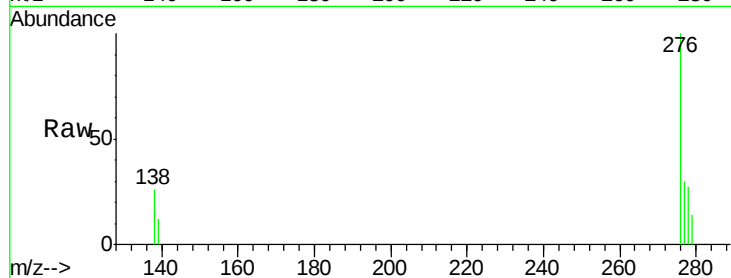
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.159 ng/ul
 RT: 27.13 min Scan# 4709
 Delta R.T. 0.00 min
 Lab File: BE096204.D
 Acq: 27 Apr 2018 12:46

Instrument :
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 C0AD6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	28.0	42.0#
227	0.0	8.0	12.0#

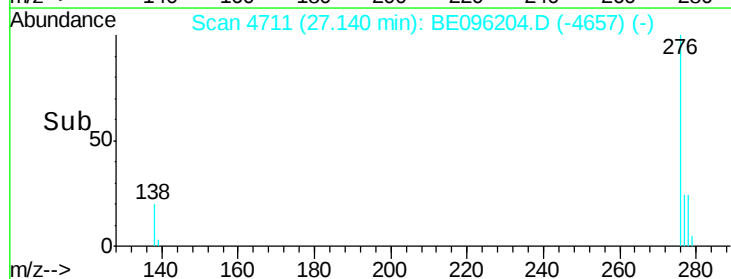
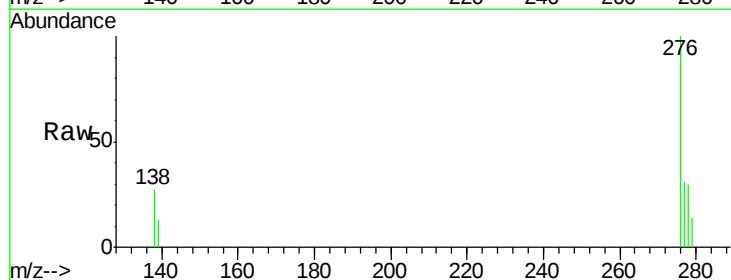
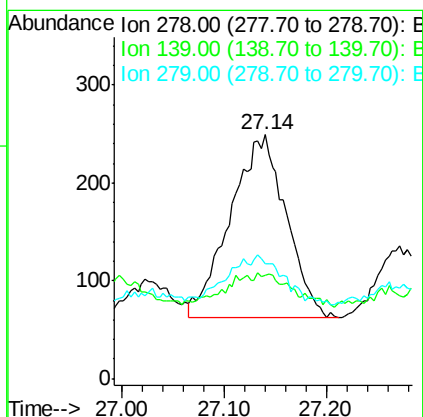
Manual Integrations
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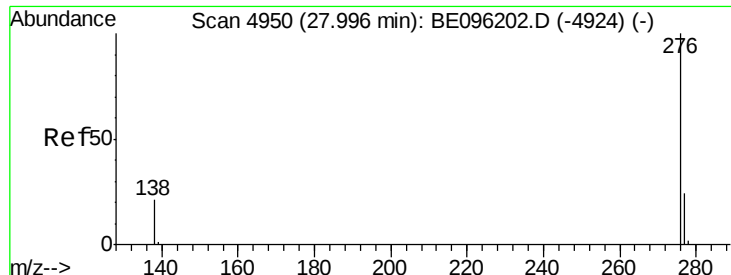
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.050 ng/ul
 RT: 27.14 min Scan# 4711
 Delta R.T. -0.01 min
 Lab File: BE096204.D
 Acq: 27 Apr 2018 12:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.2	17.4	26.0#
279	47.4	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 0.154 ng/ul
 RT: 27.99 min Scan# 4950
 Delta R.T. -0.00 min
 Lab File: BE096204.D
 Acq: 27 Apr 2018 12:46

Instrument :
 BNA_E
 ClientSampleId :
 C0AD6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	21.8	32.8
277	31.4	20.5	30.7

Manual Integrations
 APPROVED

Sohil
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